

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002092.D
 Acq On : 26 Mar 2020 18:18
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY032620

Manual Integrations
 APPROVED

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 3/27/2020 4:15:25 PM

Quant Time: Mar 27 07:17:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	166451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	129984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	88866	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.74	113	83025	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	10.19	98	337163	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.49	95	120545	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	52906	49.385	ug/l	99
3) Chloromethane	2.12	50	87103	44.778	ug/l	99
4) Vinyl Chloride	2.26	62	94034	47.532	ug/l	100
5) Bromomethane	2.66	94	64834	50.217	ug/l	99
6) Chloroethane	2.81	64	63148	49.711	ug/l	96
7) Trichlorofluoromethane	3.15	101	133654	49.300	ug/l	100
8) Diethyl Ether	3.55	74	59737	52.024	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	89549	50.346	ug/l	97
10) Methyl Iodide	4.11	142	111041	52.501	ug/l	99
11) Tert butyl alcohol	4.98	59	52637	242.744	ug/l	100
12) 1,1-Dichloroethene	3.90	96	91280	50.539	ug/l	98
13) Acrolein	3.75	56	74191	273.749	ug/l	98
14) Allyl chloride	4.50	41	168331	50.910	ug/l	99
15) Acrylonitrile	5.19	53	161053	267.597	ug/l	100
16) Acetone	3.97	43	120397	232.892	ug/l	98
17) Carbon Disulfide	4.22	76	302432	50.456	ug/l	99
18) Methyl Acetate	4.50	43	68768	51.227	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	268065	53.203	ug/l	100
20) Methylene Chloride	4.74	84	109290	51.183	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	105768	51.432	ug/l	99
22) Diisopropyl ether	6.15	45	351601	51.962	ug/l	92
23) Vinyl Acetate	6.09	43	1172145	264.171	ug/l	98
24) 1,1-Dichloroethane	6.05	63	184872	51.386	ug/l	98
25) 2-Butanone	7.01	43	202665	255.309	ug/l	99
26) 2,2-Dichloropropane	7.01	77	148287	50.045	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	116876	51.661	ug/l	100
28) Bromochloromethane	7.36	49	83629	50.916	ug/l	99
29) Tetrahydrofuran	7.37	42	139094	267.259	ug/l	99
30) Chloroform	7.53	83	178028	52.206	ug/l	98
31) Cyclohexane	7.80	56	186396	48.622	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	147708	51.878	ug/l	98
36) 1,1-Dichloropropene	7.94	75	145923	50.068	ug/l	100
37) Ethyl Acetate	7.10	43	91414	51.903	ug/l	99
38) Carbon Tetrachloride	7.92	117	127026	51.372	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	194296	50.824	ug/l	99
40) Benzene	8.18	78	439171	50.871	ug/l	99
41) Methacrylonitrile	7.33	41	41642m	46.743	ug/l	
42) 1,2-Dichloroethane	8.25	62	118325	51.625	ug/l	100
43) Isopropyl Acetate	8.29	43	171421	52.440	ug/l	99
44) Trichloroethene	8.96	130	106875	51.357	ug/l	99
45) 1,2-Dichloropropane	9.23	63	112638	51.242	ug/l	100
46) Dibromomethane	9.32	93	58692	51.991	ug/l	100
47) Bromodichloromethane	9.51	83	137633	52.372	ug/l	100
48) Methyl methacrylate	9.31	41	76981	52.551	ug/l	100
49) 1,4-Dioxane	9.31	88	16994	1097.022	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	444988	264.367	ug/l	98
52) Toluene	10.25	92	266944	51.124	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154608	53.005	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	180532	52.568	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	86796	51.949	ug/l	95
56) Ethyl methacrylate	10.52	69	132824	54.429	ug/l	98
57) 1,3-Dichloropropane	10.80	76	155361	52.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	319959	255.163	ug/l	100
59) 2-Hexanone	10.84	43	311975	263.116	ug/l	99
60) Dibromochloromethane	10.99	129	93784	53.642	ug/l	100
61) 1,2-Dibromoethane	11.10	107	82821	52.960	ug/l	98
64) Tetrachloroethene	10.73	164	85210	49.899	ug/l	95
65) Chlorobenzene	11.52	112	278636	51.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	93566	51.910	ug/l	100
67) Ethyl Benzene	11.60	91	514979	51.465	ug/l	99
68) m/p-Xylenes	11.71	106	383670	103.701	ug/l	99
69) o-Xylene	12.03	106	182968	52.133	ug/l	98
70) Styrene	12.05	104	318299	52.339	ug/l	99
71) Bromoform	12.22	173	53026	53.712	ug/l #	98
73) Isopropylbenzene	12.34	105	487076	50.514	ug/l	100
74) N-amyl acetate	12.15	43	158806	52.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	109378	52.715	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	78384m	53.910	ug/l	
77) Bromobenzene	12.61	156	105839	51.419	ug/l	99
78) n-propylbenzene	12.68	91	605882	50.634	ug/l	100
79) 2-Chlorotoluene	12.76	91	336028	51.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	406974	51.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41189	54.882	ug/l	97
82) 4-Chlorotoluene	12.86	91	351278	50.739	ug/l	99
83) tert-Butylbenzene	13.08	119	344322	51.853	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	406299	51.189	ug/l	99
85) sec-Butylbenzene	13.26	105	500497	50.887	ug/l	100
86) p-Isopropyltoluene	13.38	119	434310	51.421	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	204910	50.887	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	206660	51.001	ug/l	100
89) n-Butylbenzene	13.70	91	446303	50.715	ug/l	100
90) Hexachloroethane	13.97	117	82070	51.567	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	189054	50.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18089	54.425	ug/l	96

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	122760	51.218	ug/l	99
94) Hexachlorobutadiene	15.12	225	58197	49.190	ug/l	99
95) Naphthalene	15.24	128	303006	53.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	110421	50.803	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

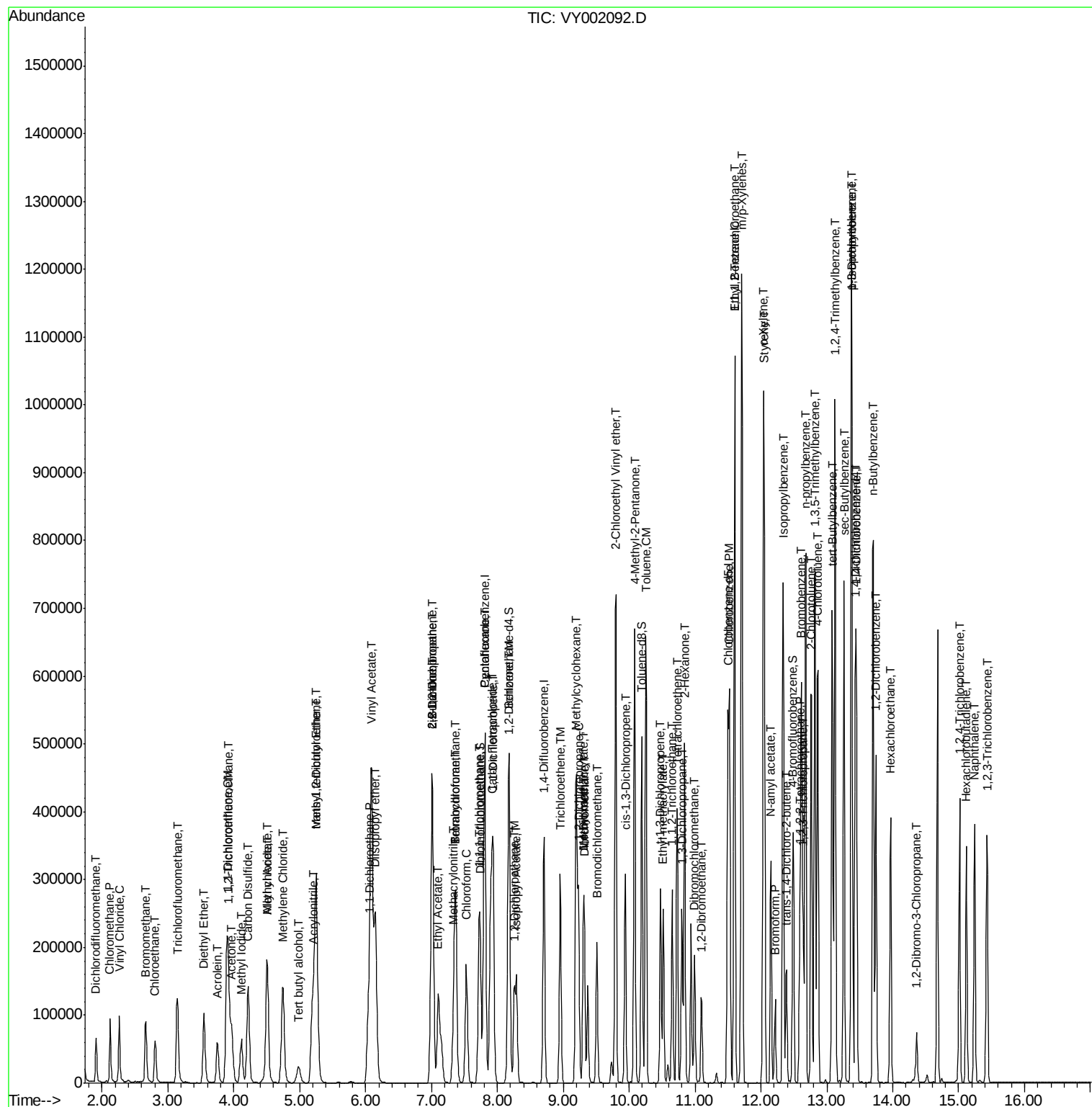
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002092.D
 Acq On : 26 Mar 2020 18:18
 Operator : SY/MD
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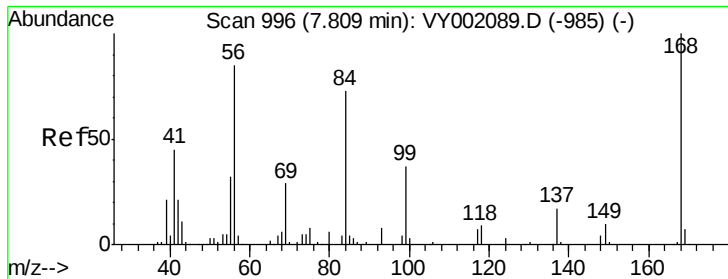
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Manual Integrations
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#1

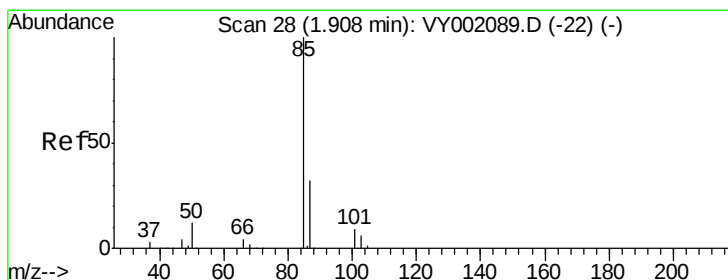
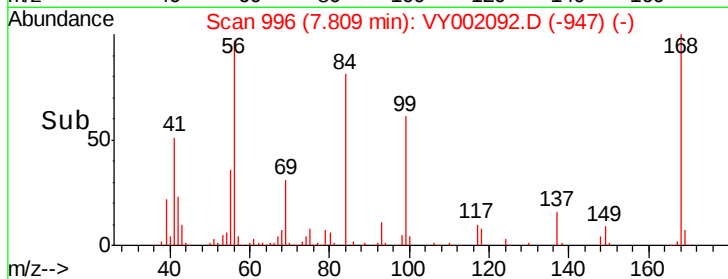
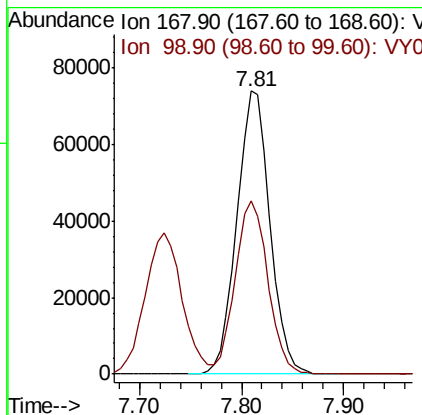
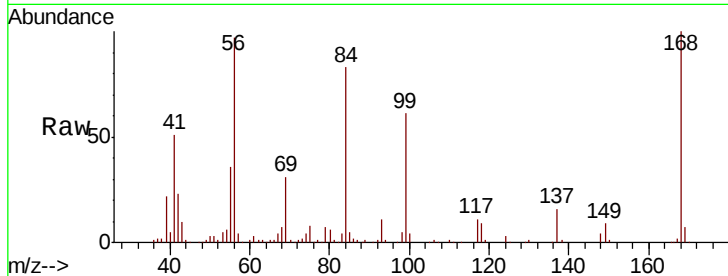
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
168	100		
99	61.1	47.6	71.4

Manual Integrations
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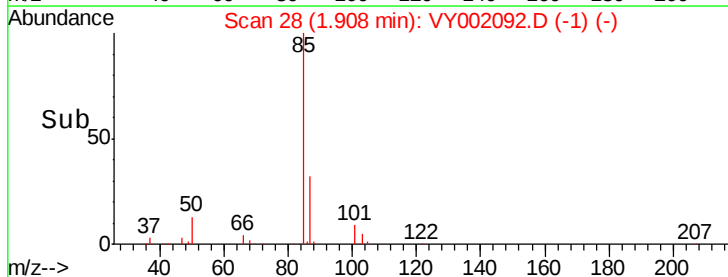
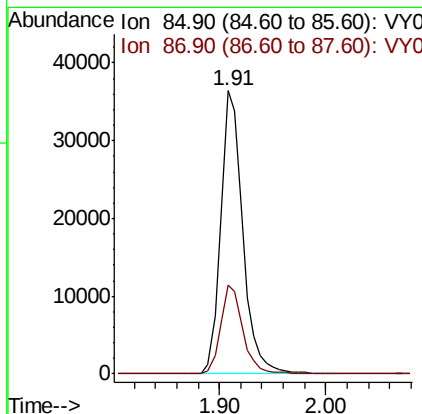
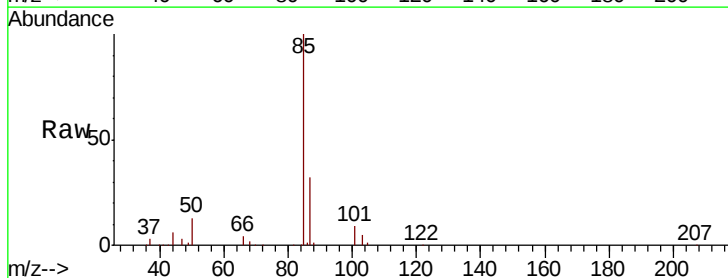
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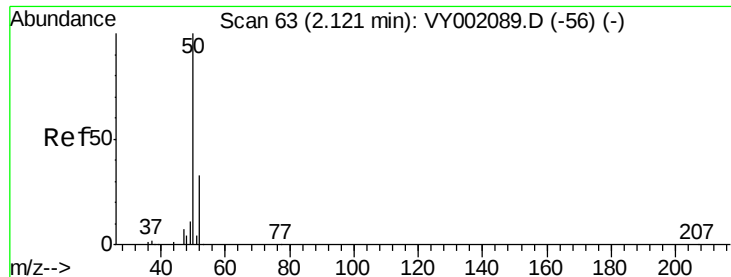


#2

Dichlorodifluoromethane
 Concen: 49.385 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.0	48.0





#3

Chloromethane

Concen: 44.778 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 50 Resp: 87103

Ion Ratio Lower Upper

50 100

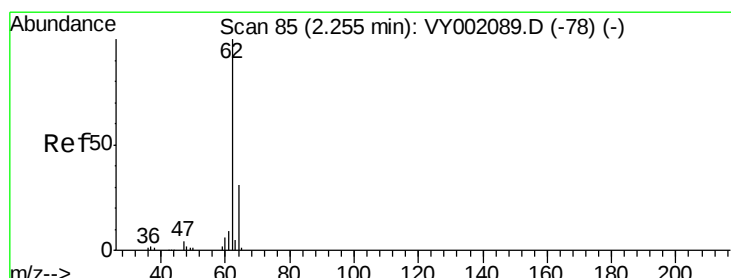
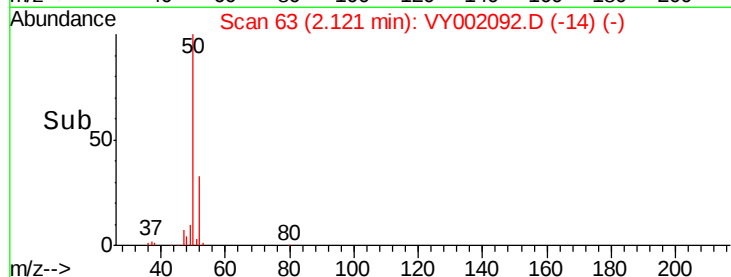
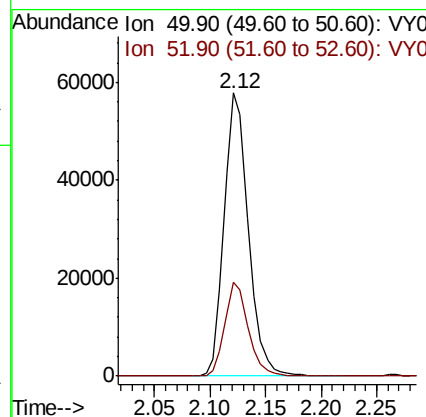
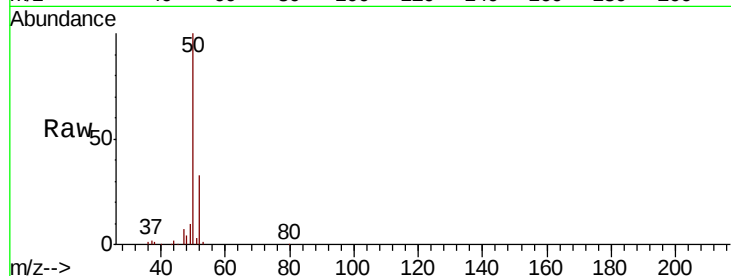
52 33.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.532 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002092.D

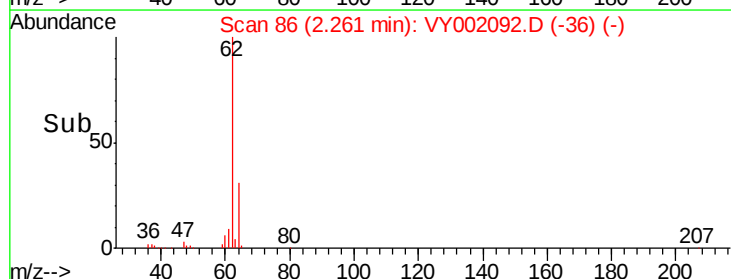
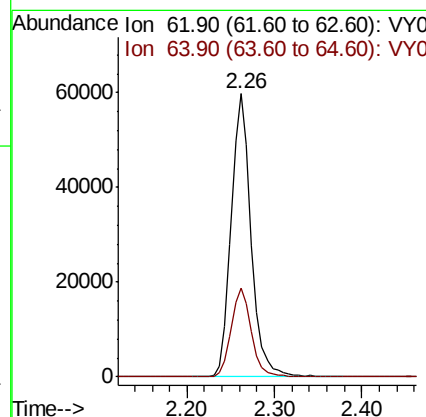
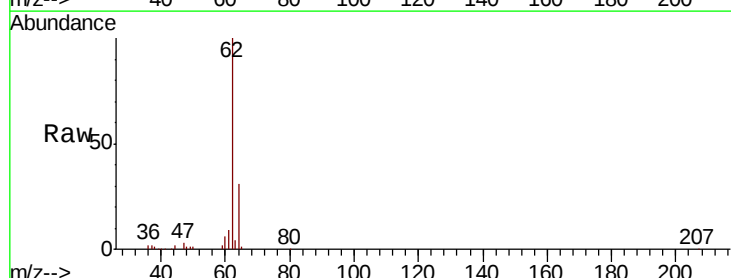
Acq: 26 Mar 2020 18:18

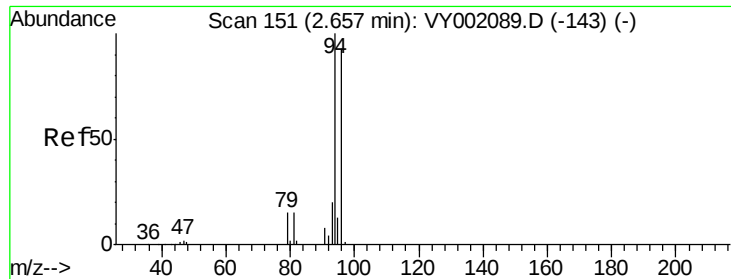
Tgt Ion: 62 Resp: 94034

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 50.217 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY032620

Tot Ion: 94 Resp: 64834

Ion Ratio Lower Upper

94 100

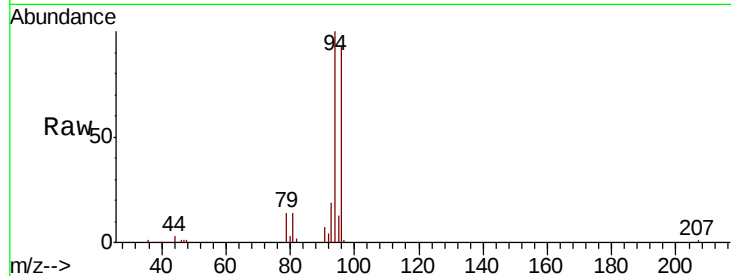
96 93.1 74.1 111.1

Manual Integrations

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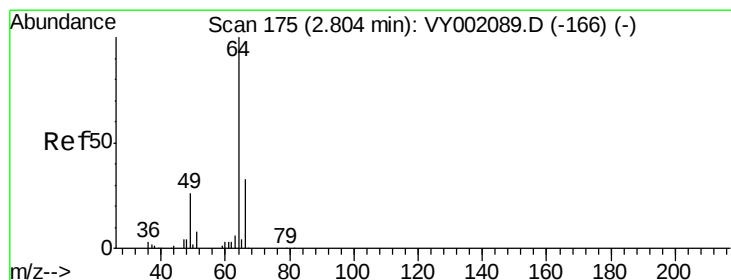
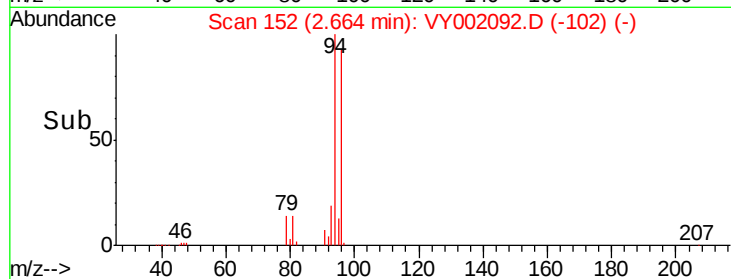
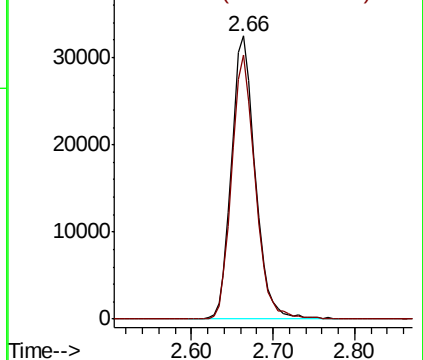
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.711 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002092.D

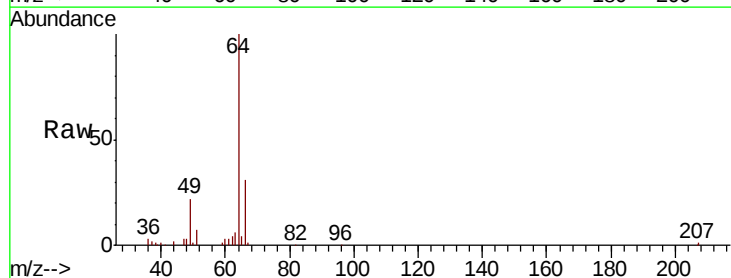
Acq: 26 Mar 2020 18:18

Tgt Ion: 64 Resp: 63148

Ion Ratio Lower Upper

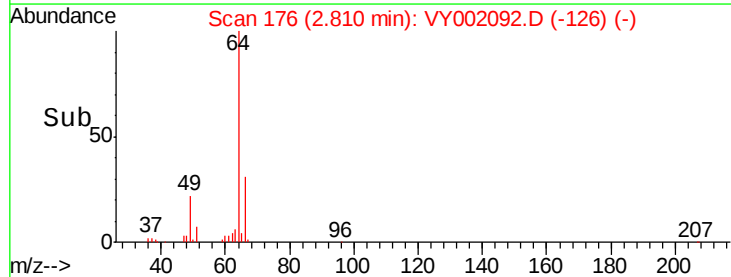
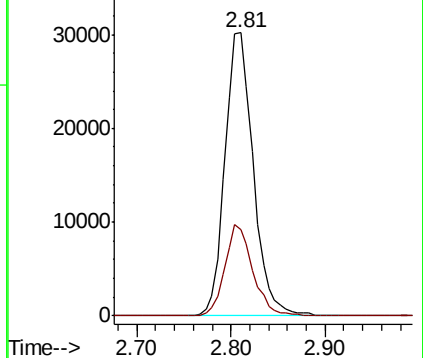
64 100

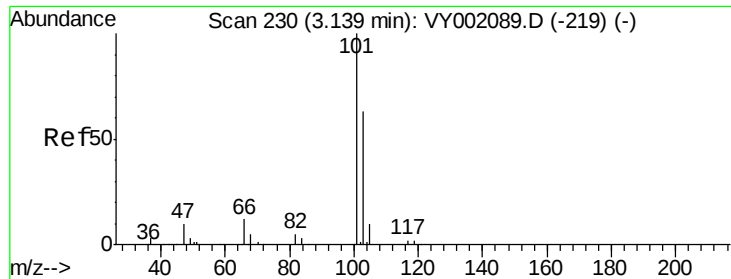
66 30.7 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

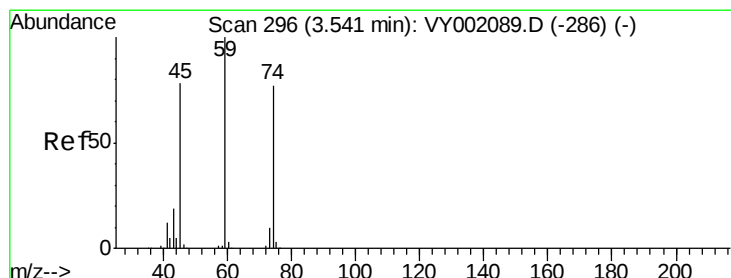
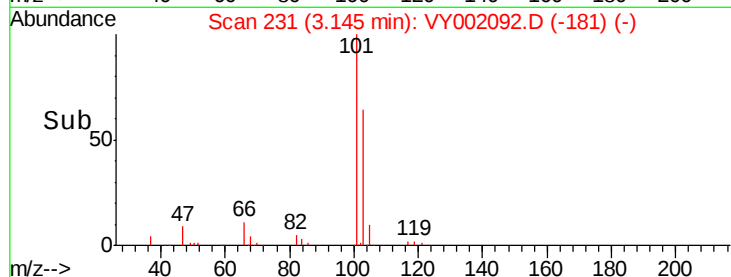
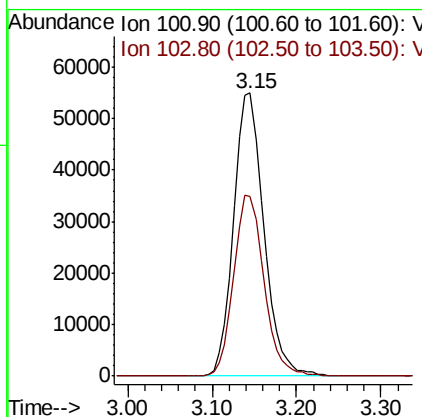
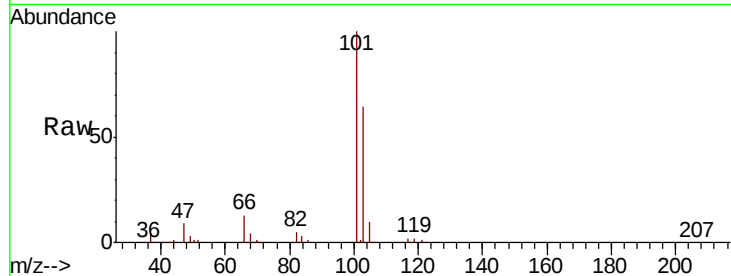
Trichlorofluoromethane
Concen: 49.300 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.6	76.0

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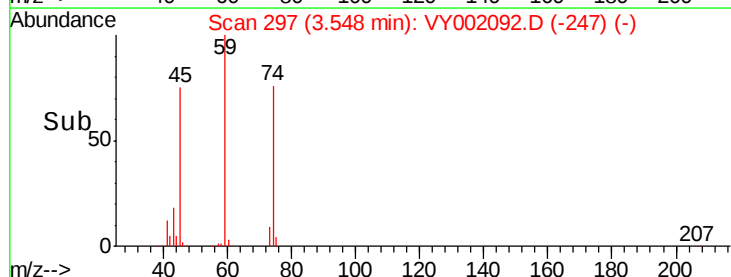
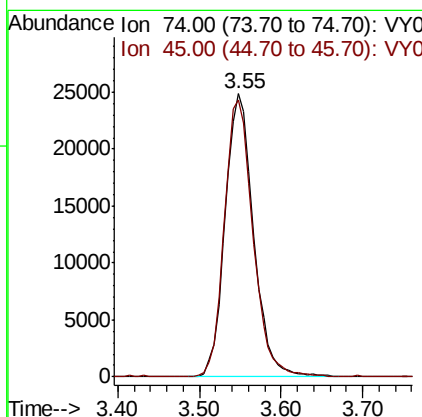
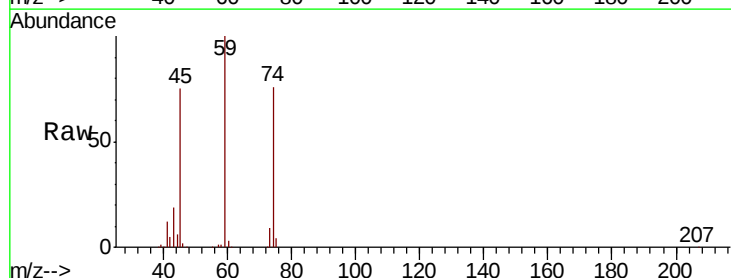
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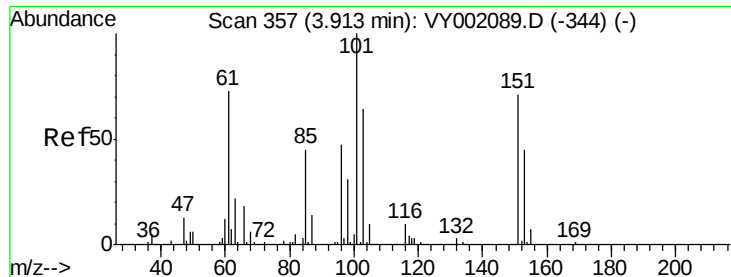


#8

Diethyl Ether
Concen: 52.024 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.346 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

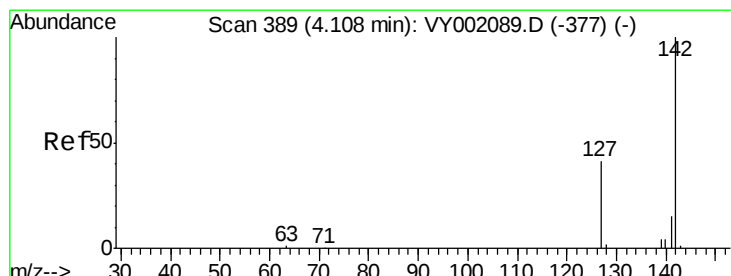
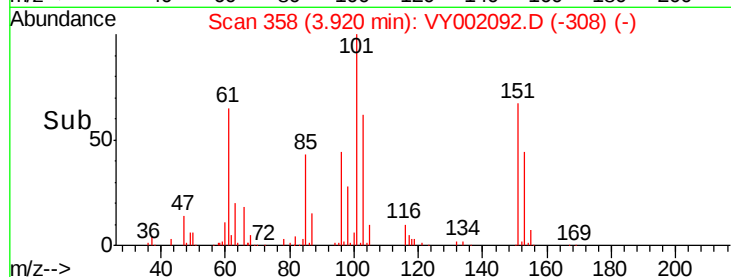
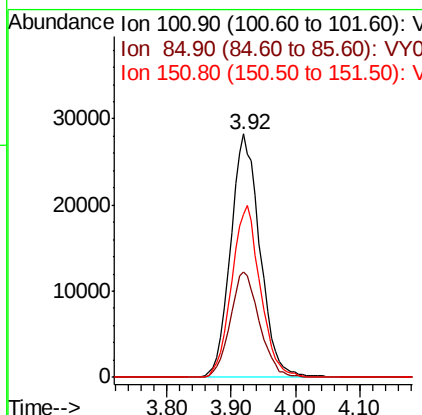
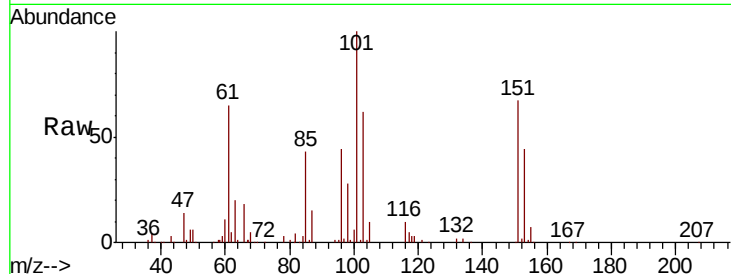
ClientSampleId :

ICVY032620

Tot Ion:	101	Resp:	89549
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.9	53.9
151	69.2	57.5	86.3

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#10

Methyl Iodide

Concen: 52.501 ug/l

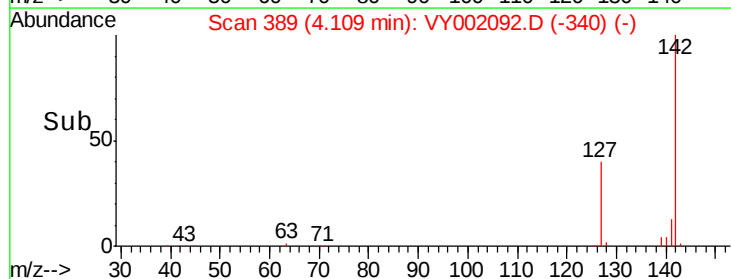
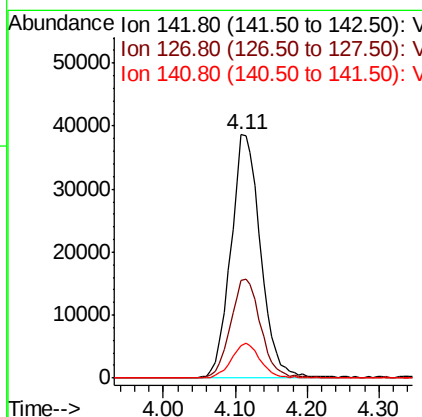
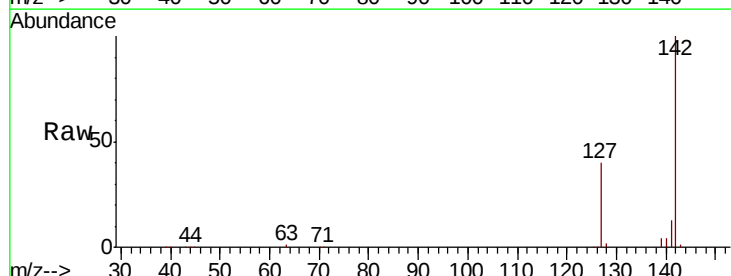
RT: 4.11 min Scan# 389

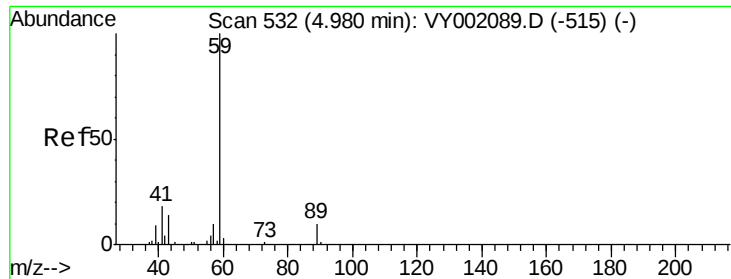
Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion:	142	Resp:	111041
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.6	49.0
141	13.9	11.4	17.0





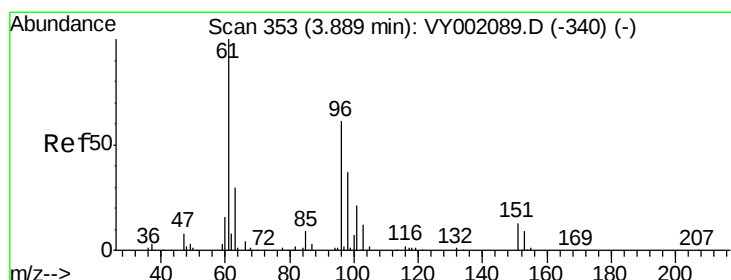
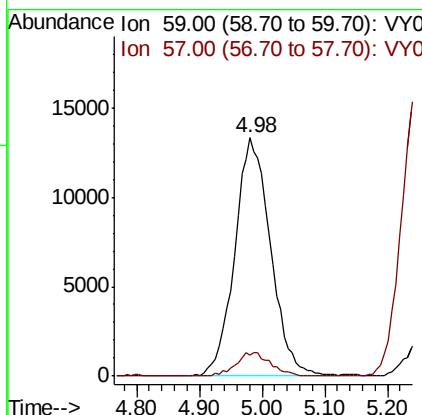
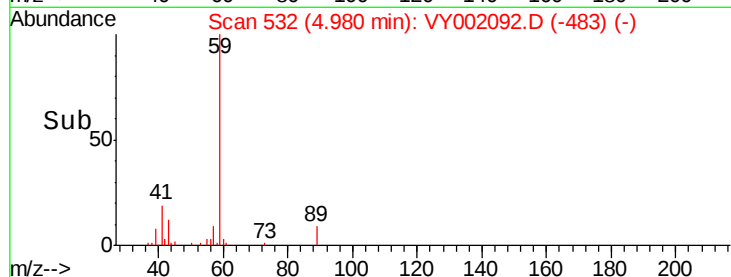
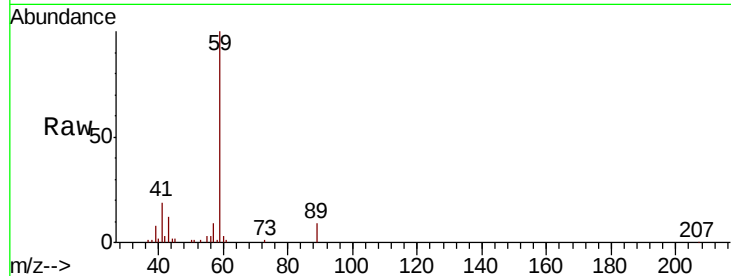
#11
Tert butyl alcohol
Concen: 242.744 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion: 59 Resp: 52637
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5

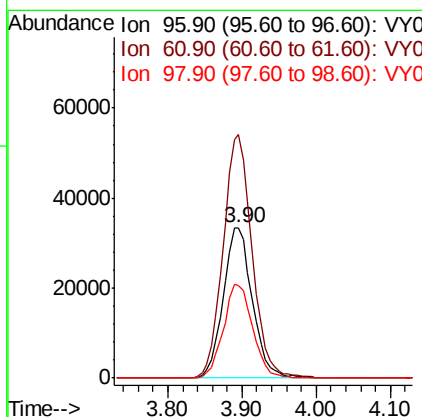
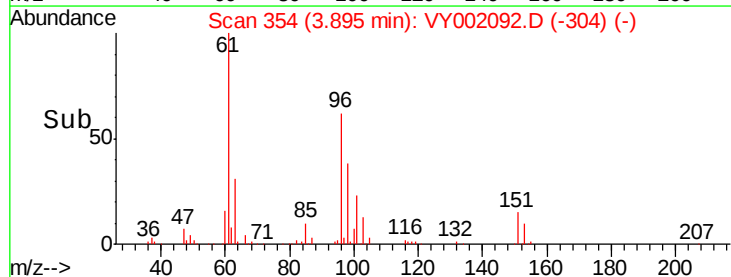
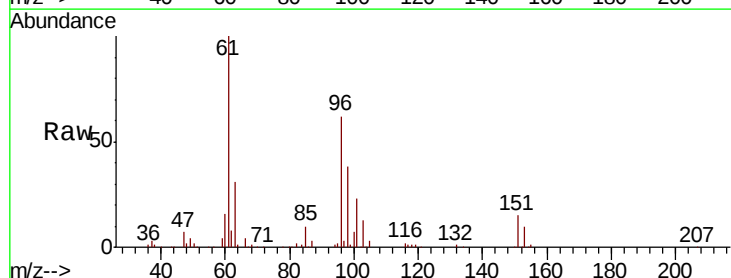
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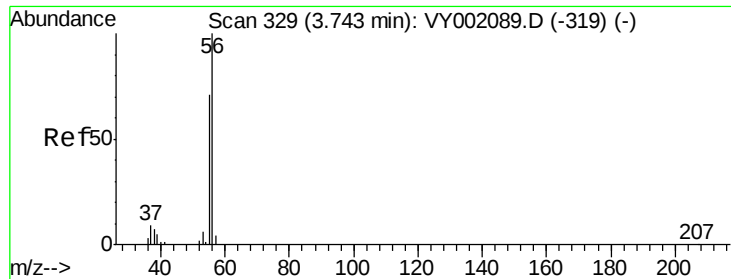
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#12
1,1-Dichloroethene
Concen: 50.539 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 96 Resp: 91280
Ion Ratio Lower Upper
96 100
61 161.4 132.0 198.0
98 61.0 49.4 74.0





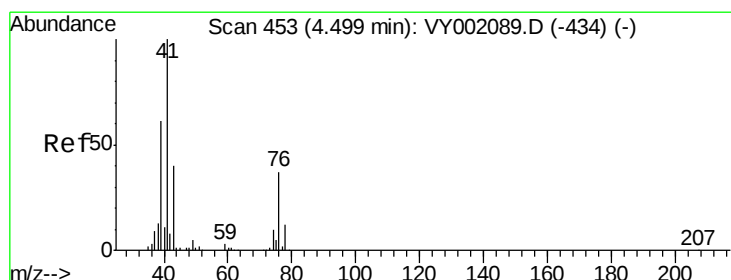
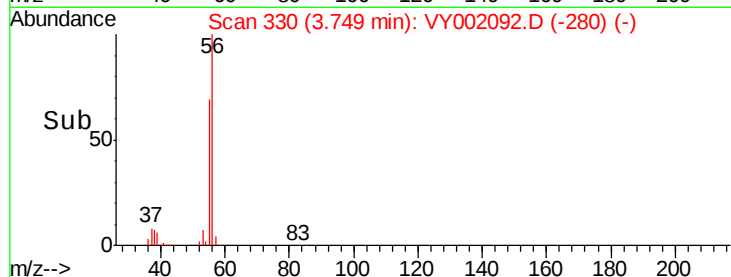
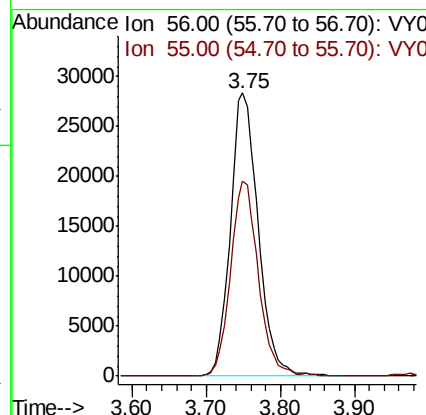
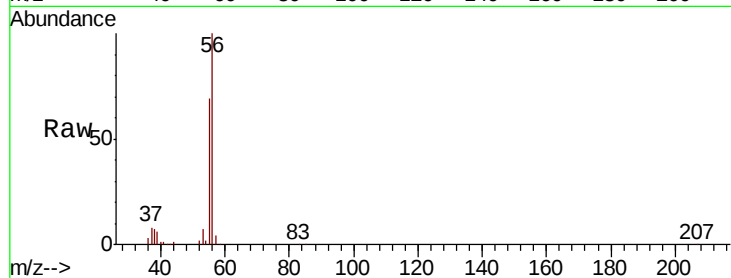
#13
Acrolein
Concen: 273.749 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032620

Tot Ion	56	55	Ratio	Lower	Upper
74191	100	68.8		56.5	84.7

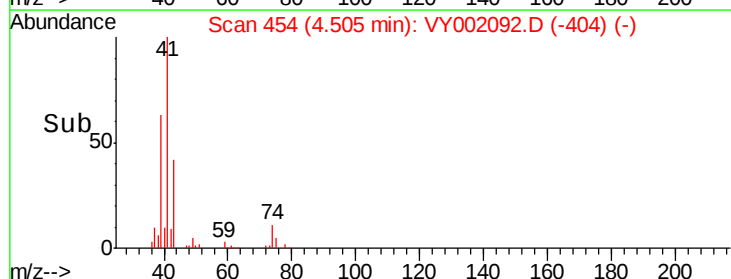
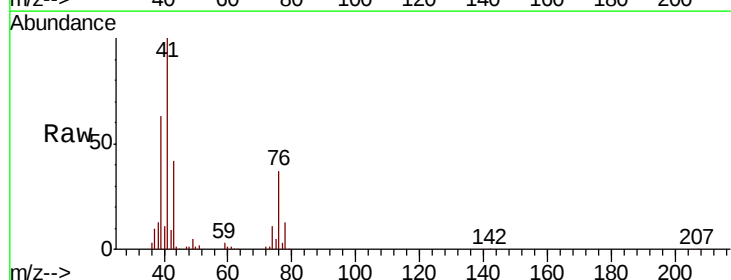
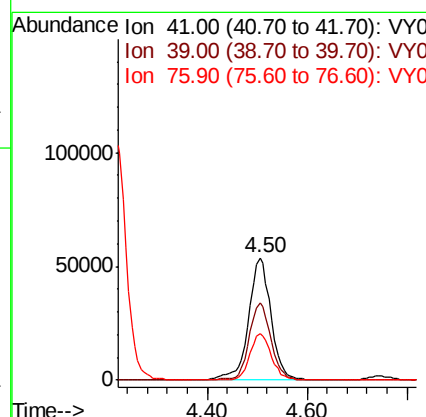
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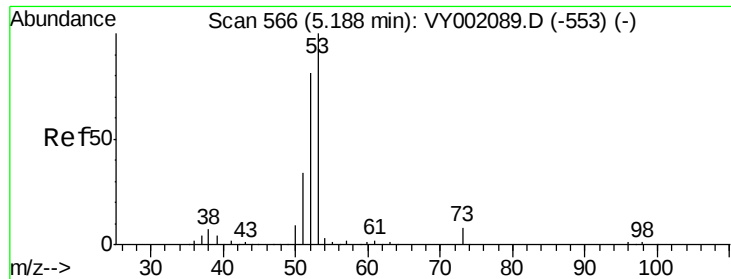
apatel
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#14
Allyl chloride
Concen: 50.910 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	41	39	76	Ratio	Lower	Upper
168331	100	61.2	36.0		49.0	73.4





#15

Acrylonitrile

Concen: 267.597 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

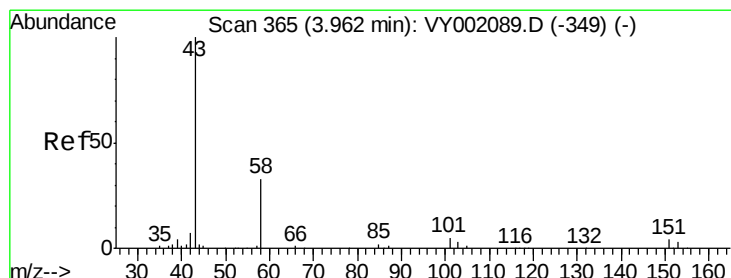
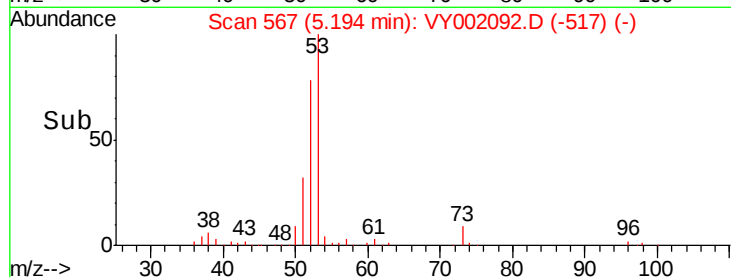
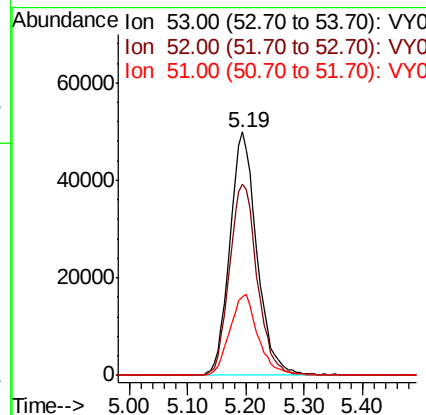
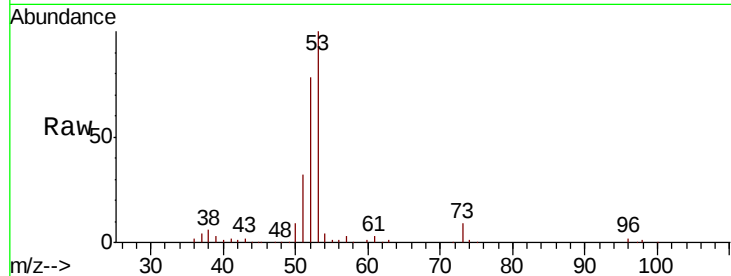
ClientSampleId :

ICVY032620

Tot Ion:	53	Resp:	161053
Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.6	97.0
51	34.8	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 232.892 ug/l

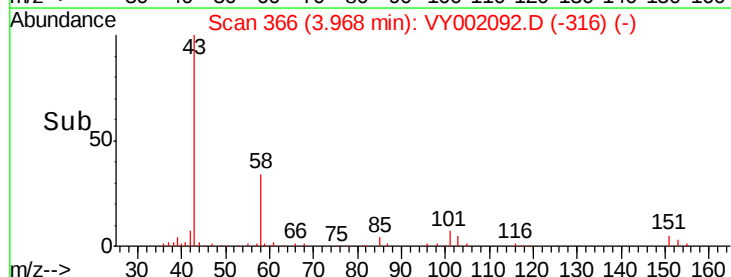
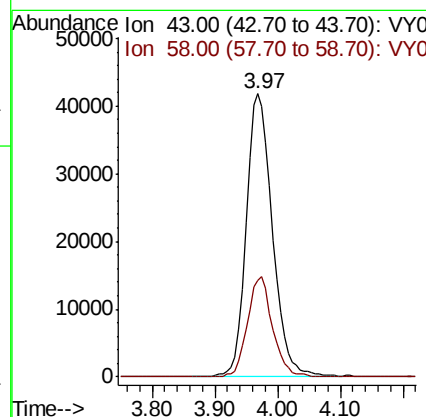
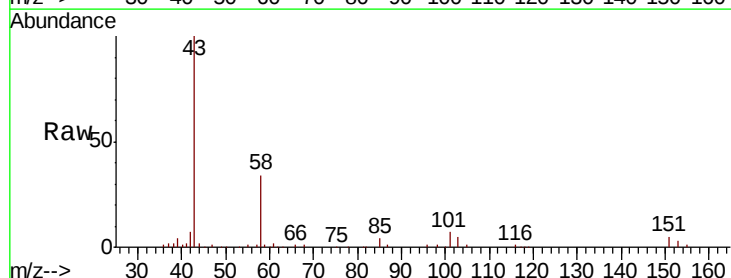
RT: 3.97 min Scan# 366

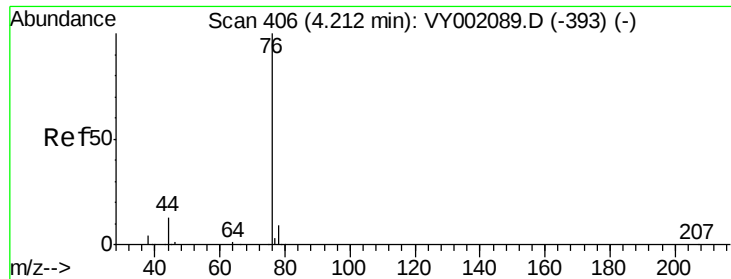
Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion:	43	Resp:	120397
Ion	Ratio	Lower	Upper
43	100		
58	34.2	26.3	39.5





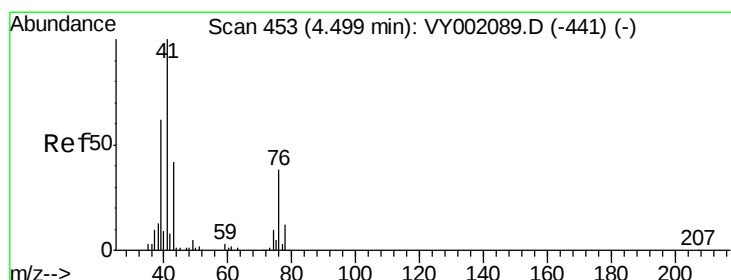
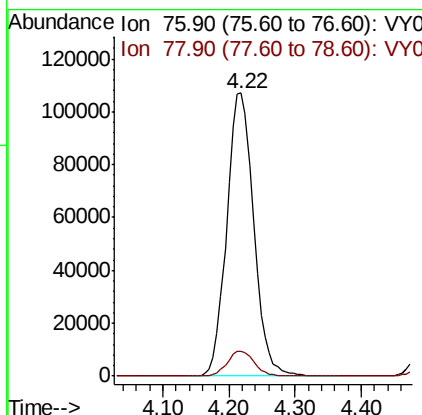
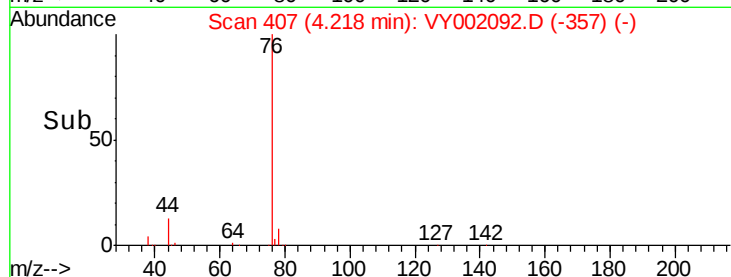
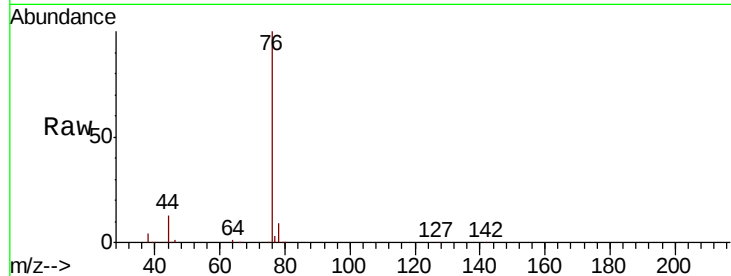
#17
Carbon Disulfide
Concen: 50.456 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032620

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

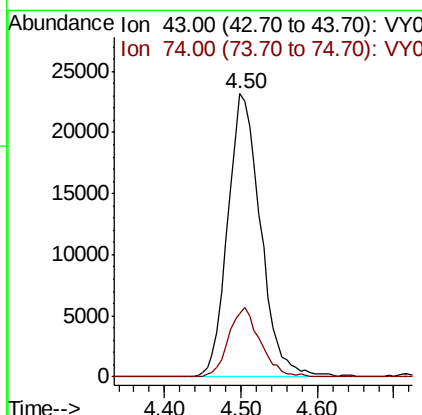
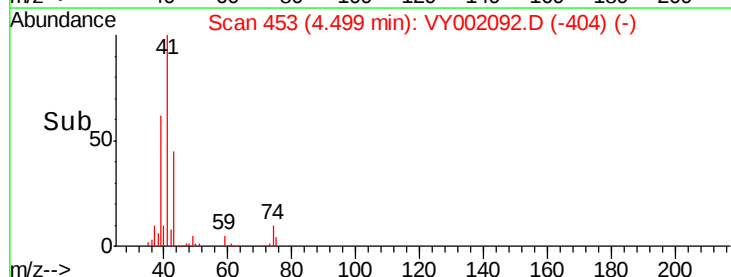
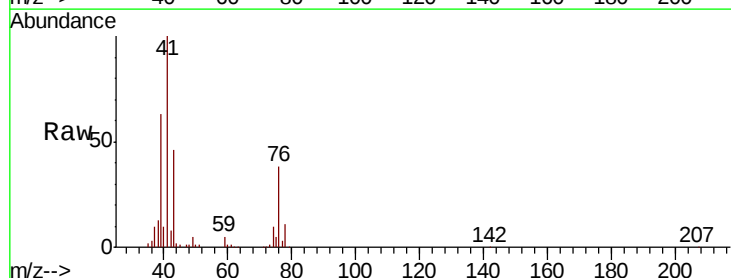
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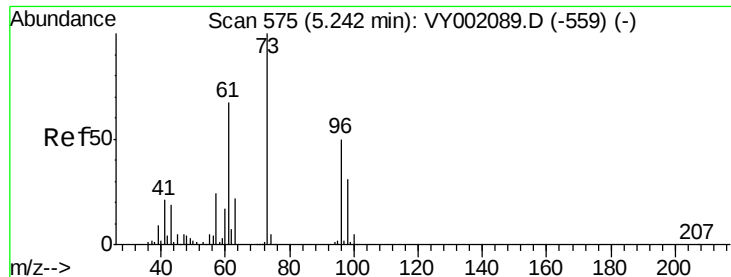
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#18
Methyl Acetate
Concen: 51.227 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.3	27.5





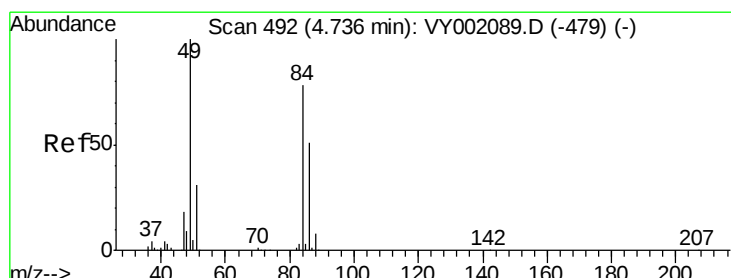
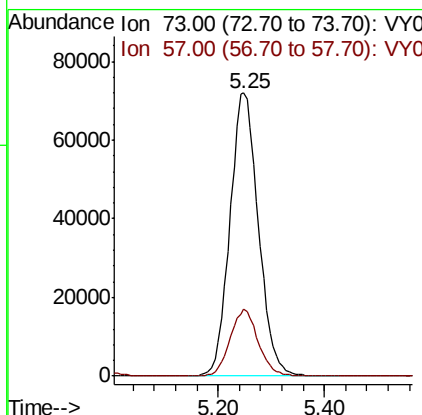
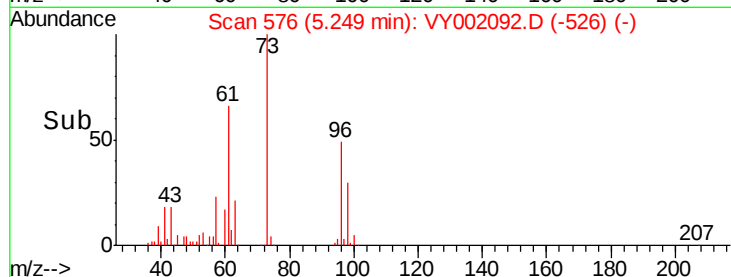
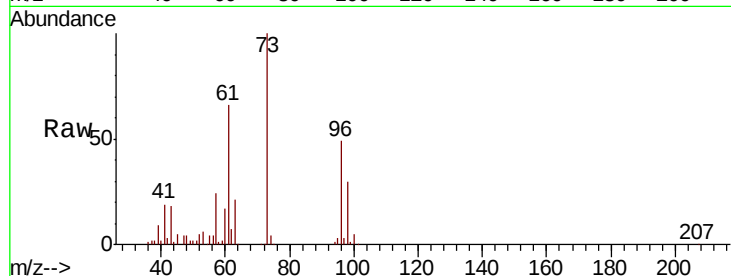
#19
Methvl tert-butvl Ether
Concen: 53.203 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032620

Tot Ion: 73 Resp: 268065
Ion Ratio Lower Upper
73 100
57 23.6 19.0 28.6

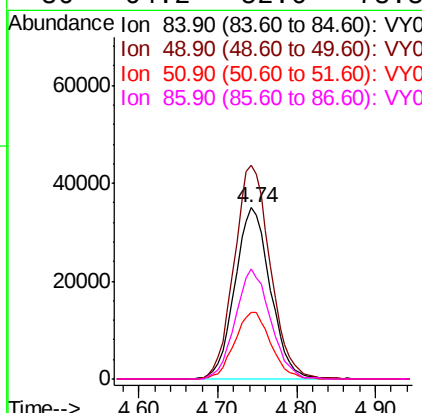
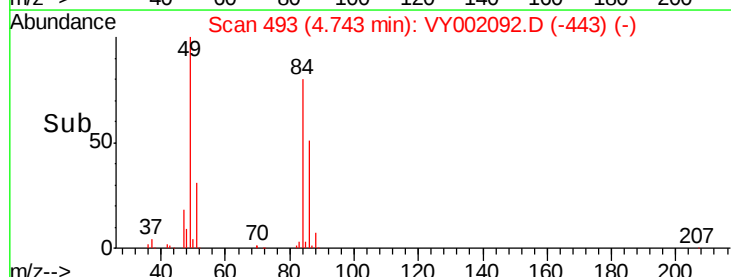
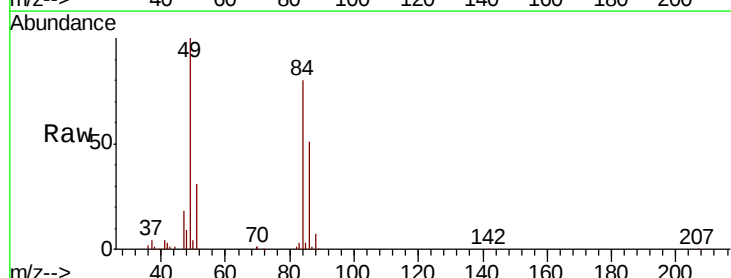
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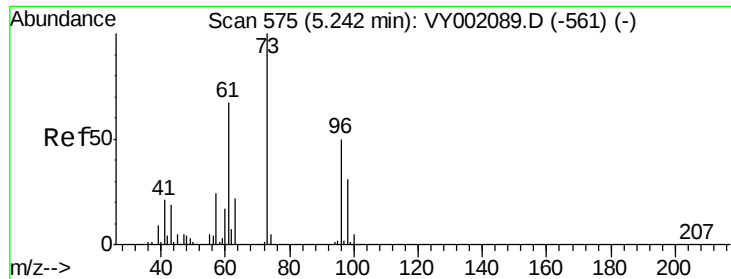
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#20
Methylene Chloride
Concen: 51.183 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 84 Resp: 109290
Ion Ratio Lower Upper
84 100
49 125.0 102.2 153.4
51 39.3 31.2 46.8
86 64.2 52.6 78.8





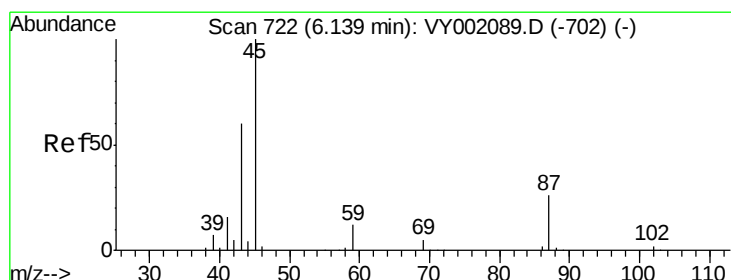
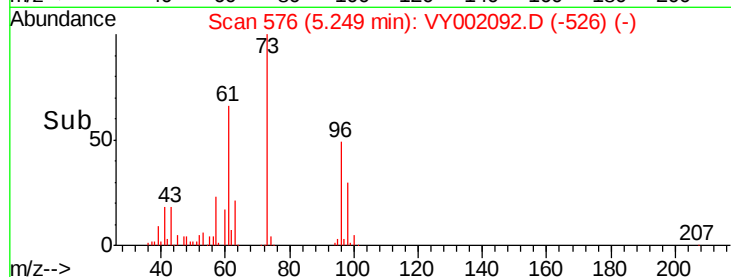
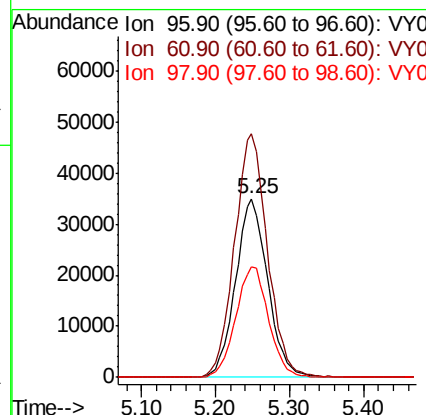
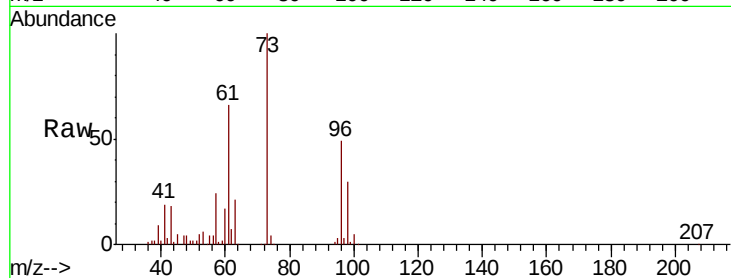
#21
trans-1,2-Dichloroethene
Concen: 51.432 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	107.7	161.5
98	61.9	50.5	75.7

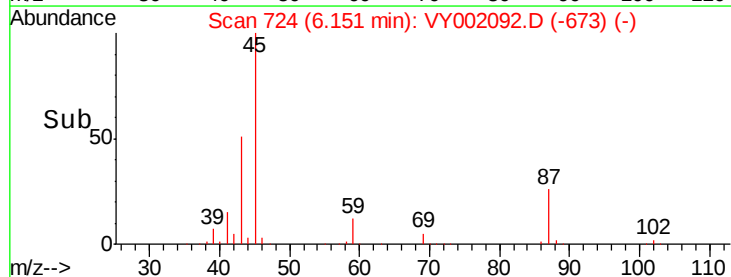
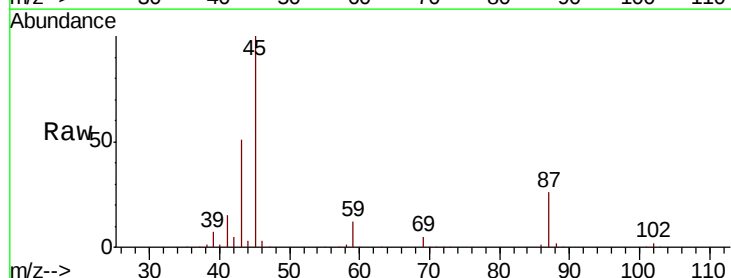
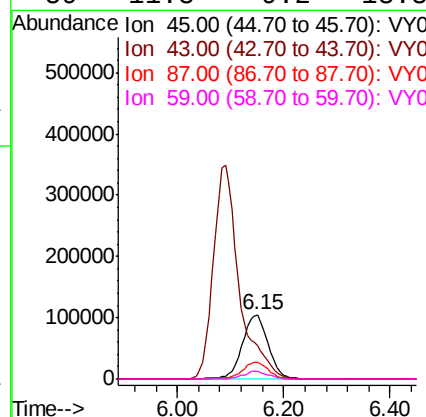
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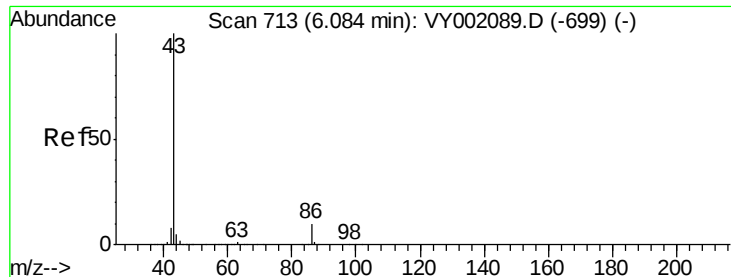
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#22
Diisopropyl ether
Concen: 51.962 ug/l
RT: 6.15 min Scan# 724
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	51.0	48.1	72.1
87	26.4	21.1	31.7
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 264.171 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 43 Resp: 1172145

Ion Ratio Lower Upper

43 100

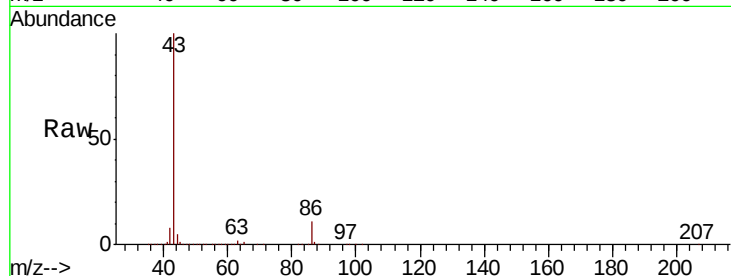
86 10.8 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

400000

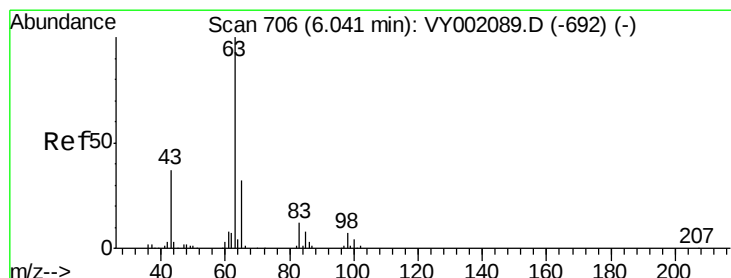
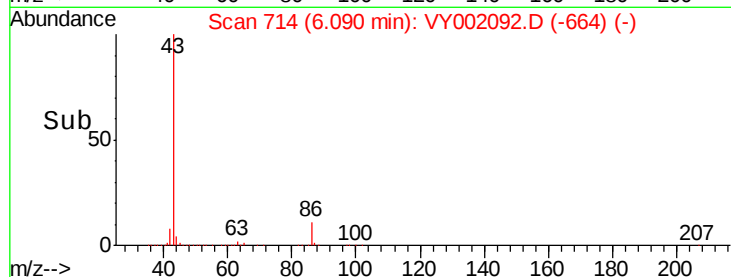
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.386 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

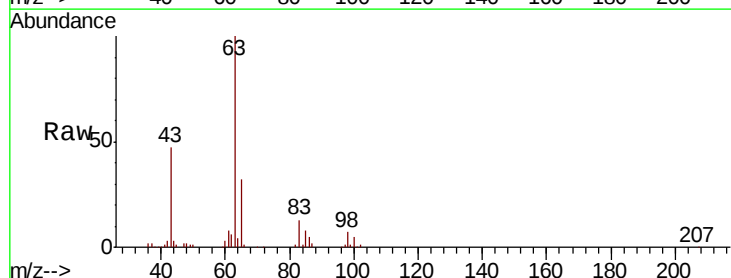
Tgt Ion: 63 Resp: 184872

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

80000

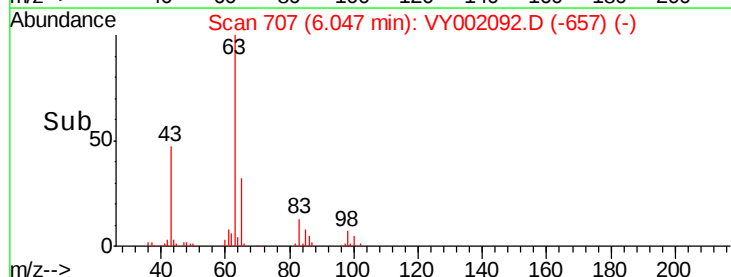
60000

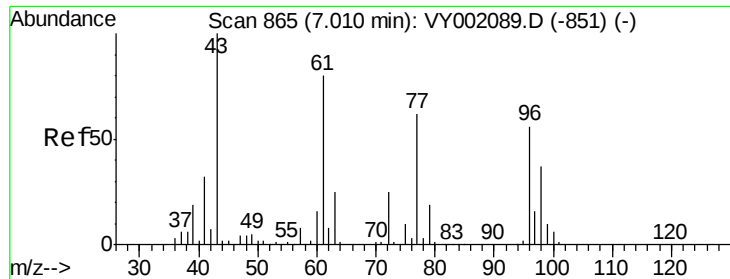
40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.309 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 43 Resp: 202665

Ion Ratio Lower Upper

43 100

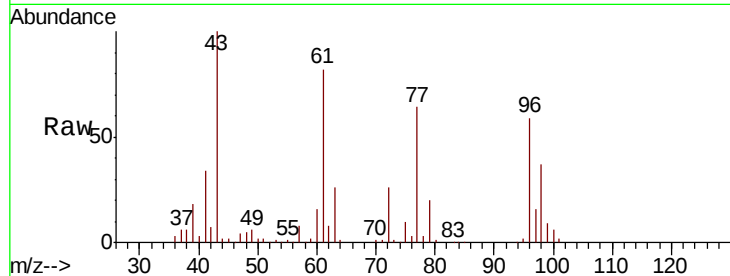
72 25.8 20.2 30.2

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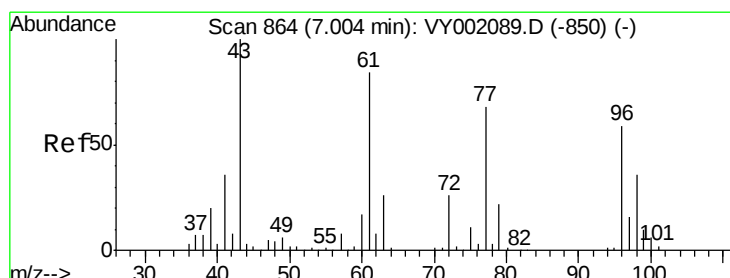
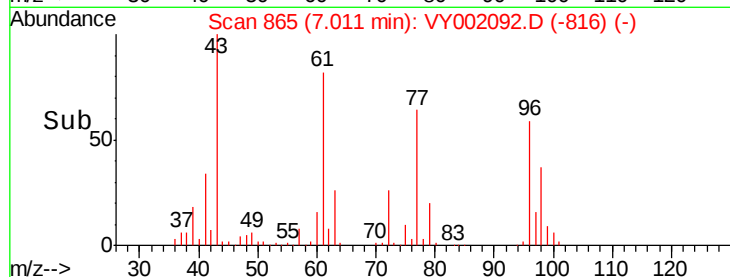
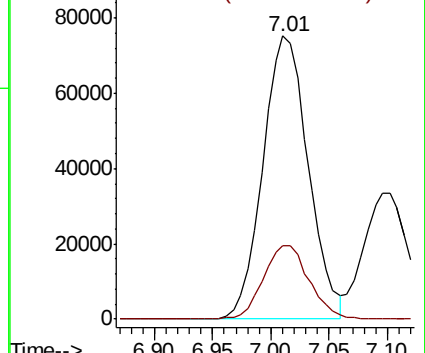
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.045 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002092.D

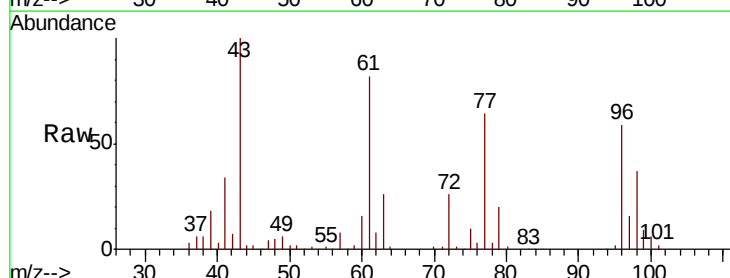
Acq: 26 Mar 2020 18:18

Tgt Ion: 77 Resp: 148287

Ion Ratio Lower Upper

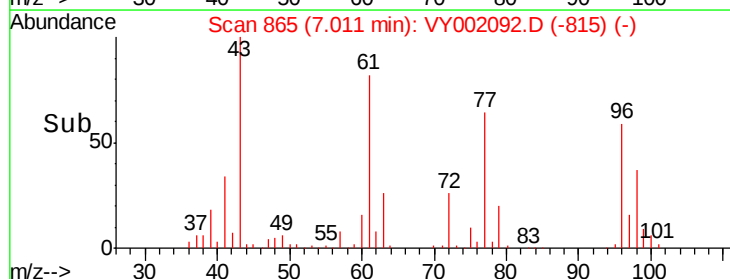
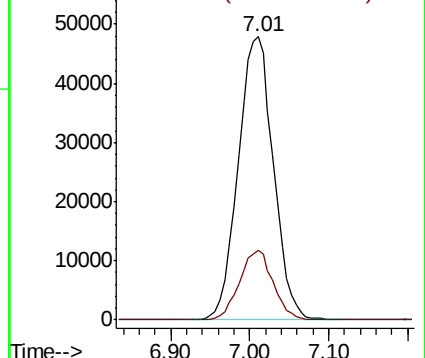
77 100

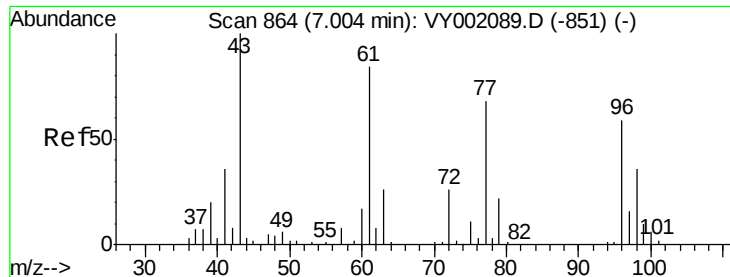
97 23.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

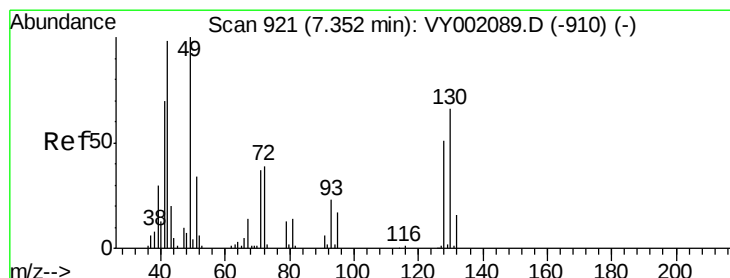
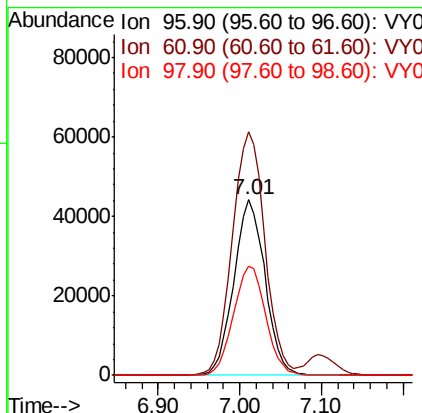
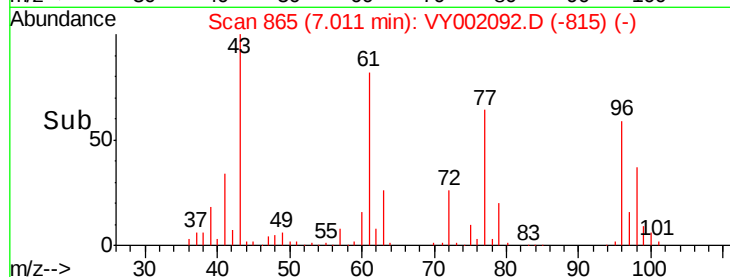
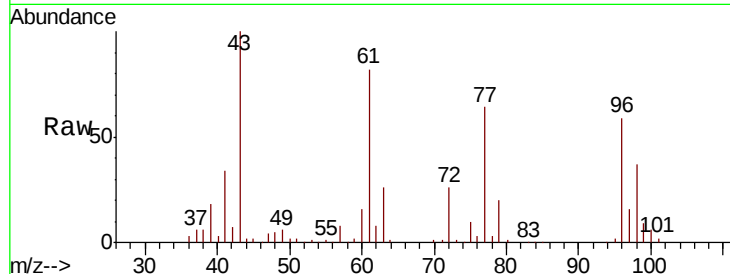
cis-1,2-Dichloroethene
 Concen: 51.661 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	290.6
98	64.1	0.0	128.0

Manual Integrations
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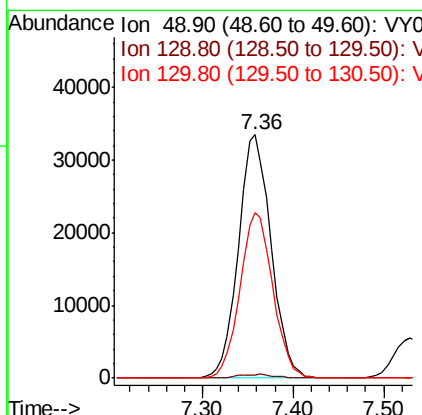
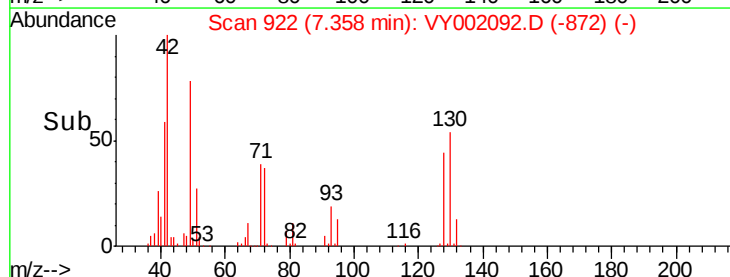
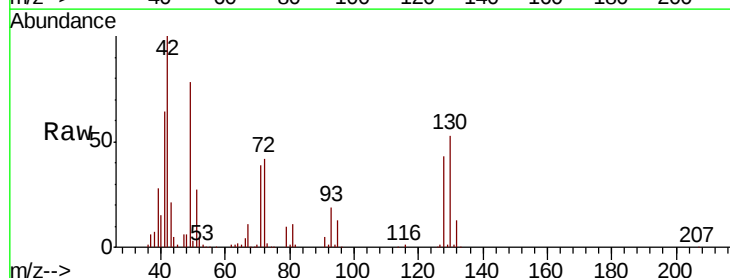
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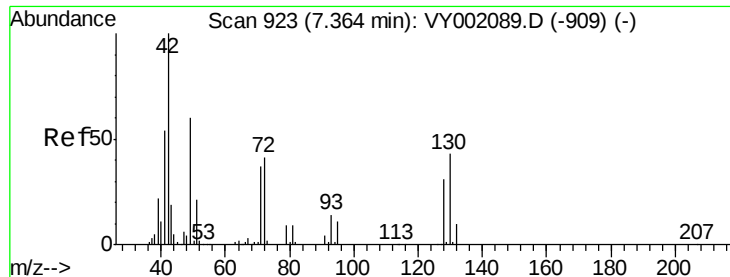


#28

Bromochloromethane
 Concen: 50.916 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	68.2	54.1	81.1





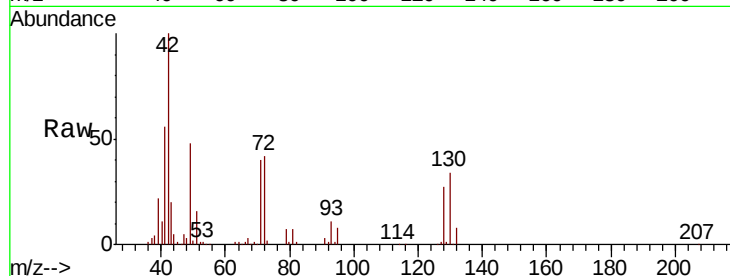
#29
Tetrahydrofuran
Concen: 267.259 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

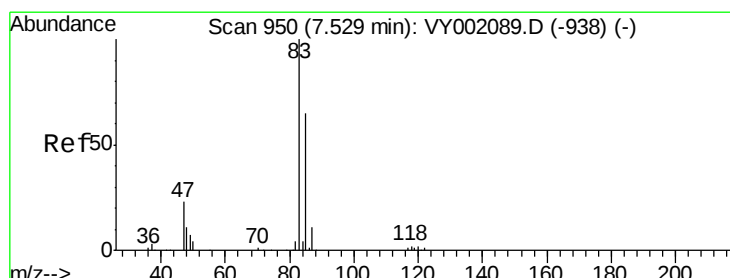
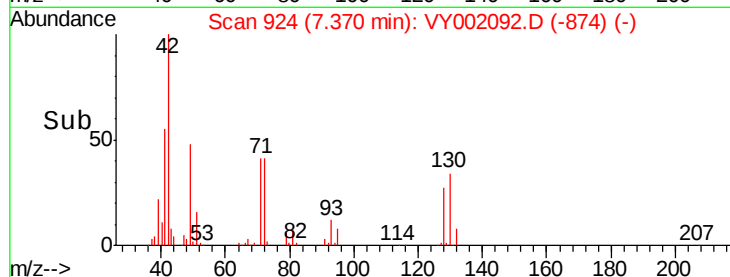
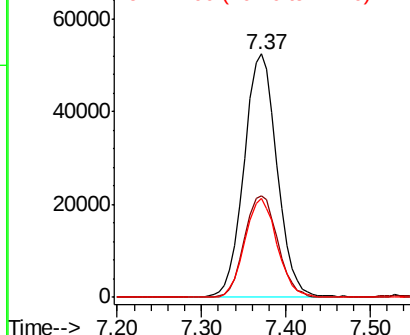
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.0	49.4
71	39.5	31.2	46.8

Manual Integrations
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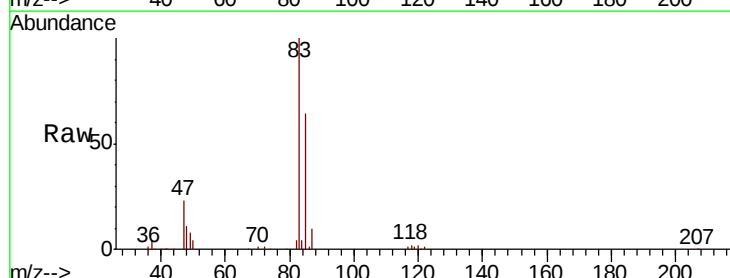


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

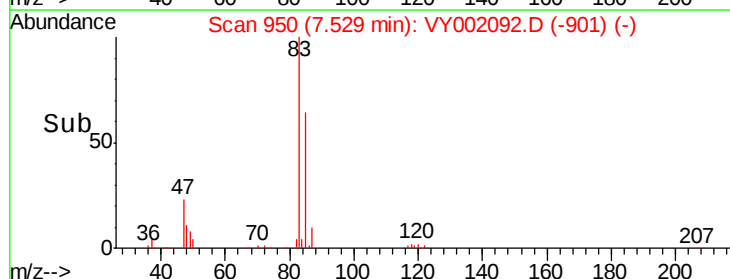
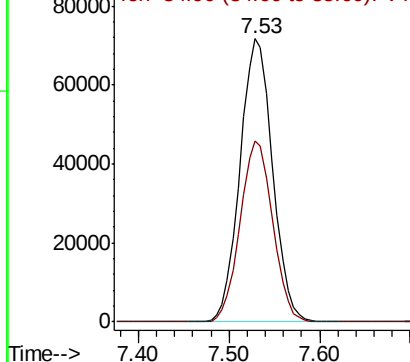


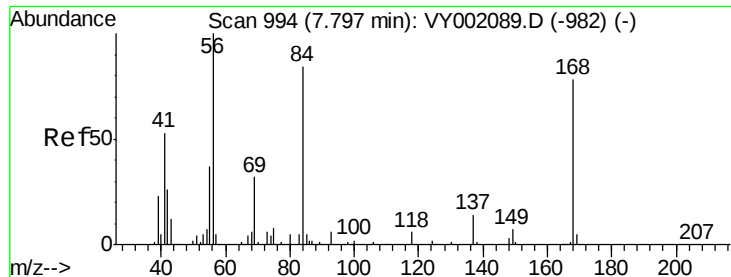
#30
Chloroform
Concen: 52.206 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





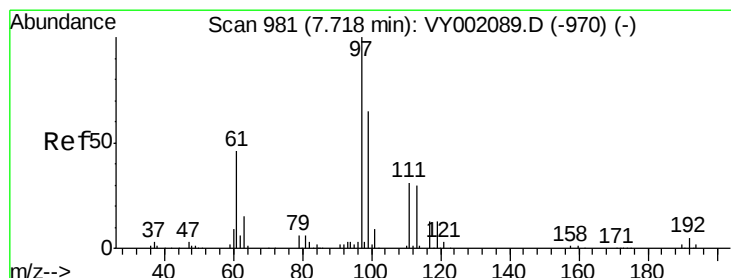
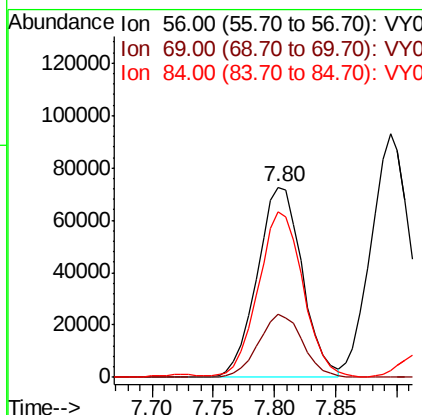
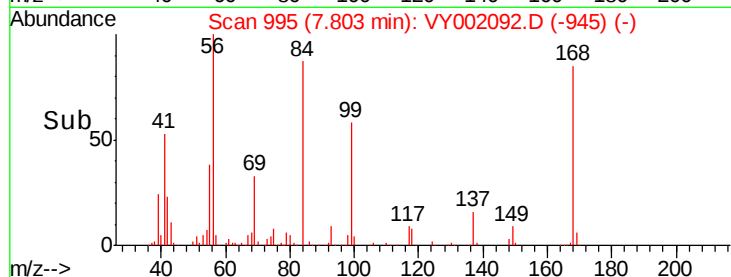
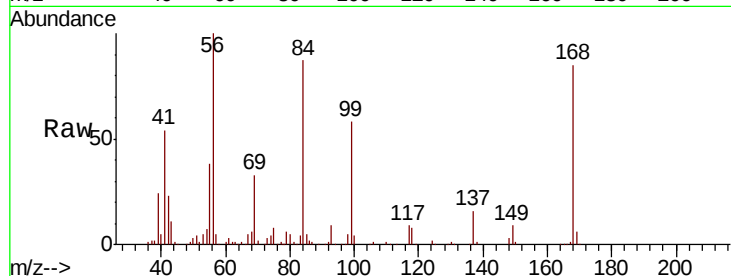
#31
Cyclohexane
Concen: 48.622 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	25.8	38.8
84	86.1	67.1	100.7

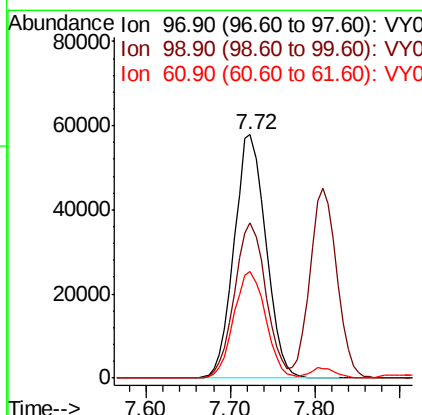
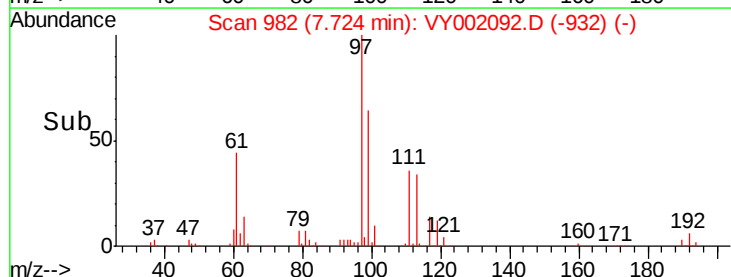
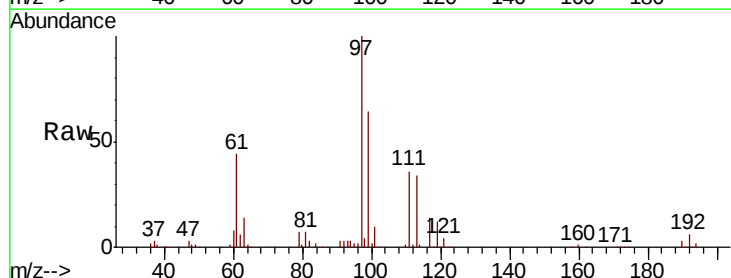
Manual Integrations
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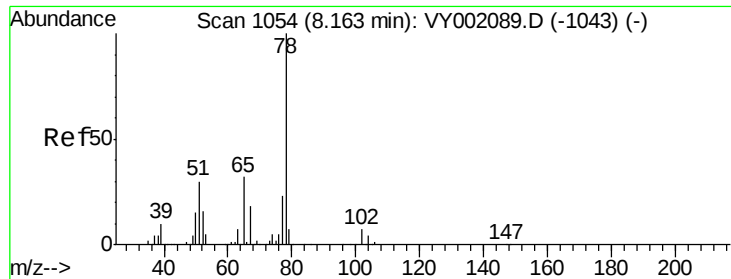
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#32
1,1,1-Trichloroethane
Concen: 51.878 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.0	78.0
61	44.1	35.7	53.5





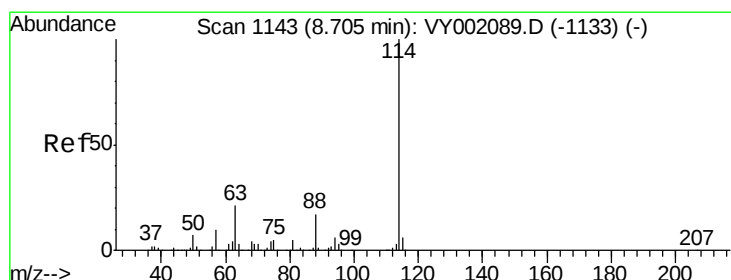
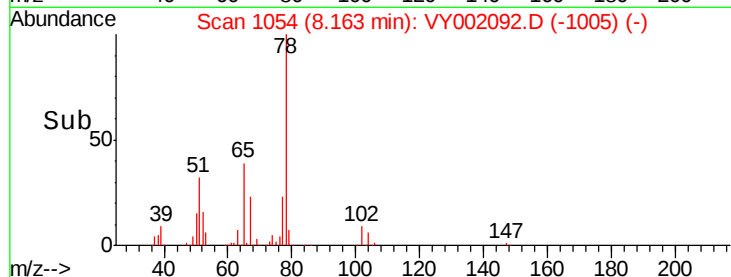
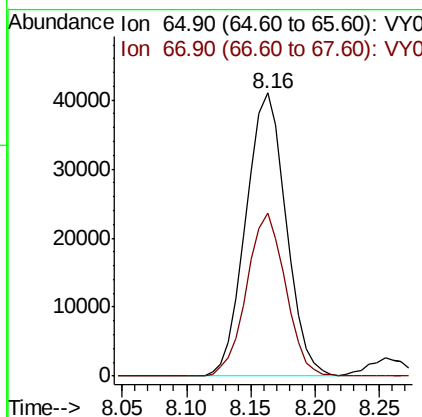
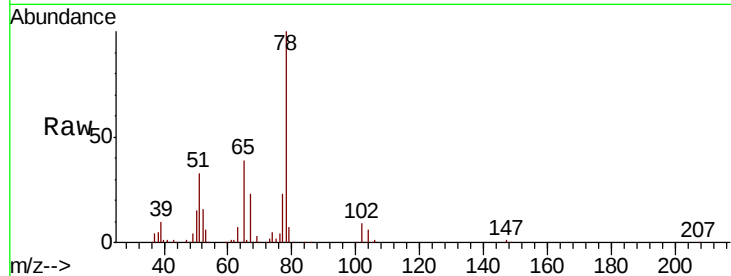
#33
 1,2-Dichloroethane-d4
 Concen: 48.295 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.4	0.0	112.8	

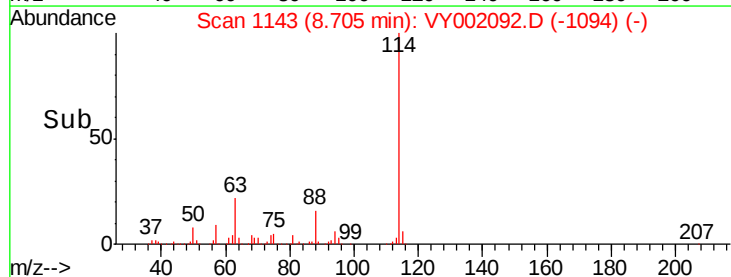
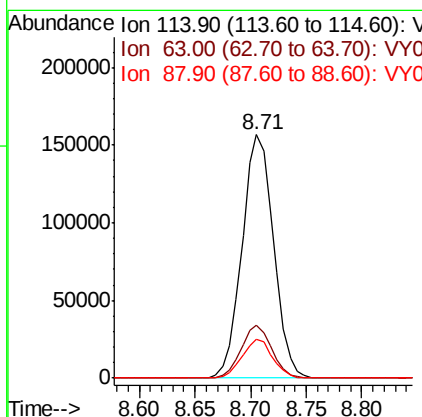
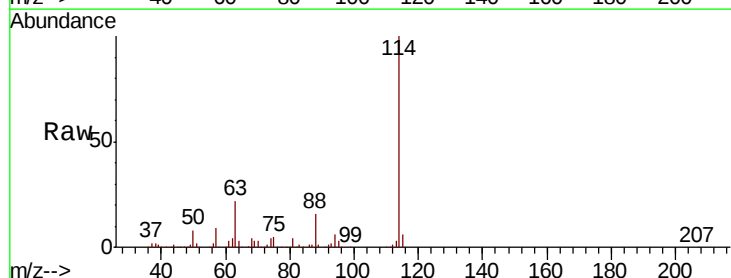
Manual Integrations
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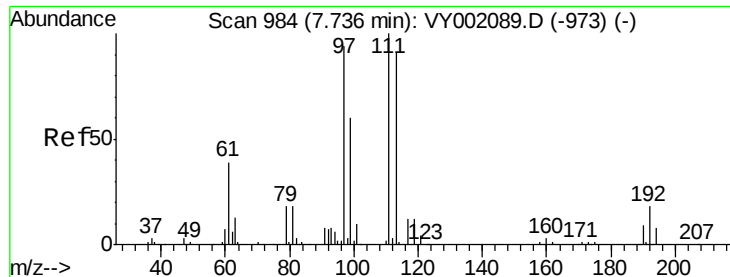
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.7	0.0	41.4	
88	16.0	0.0	33.0	





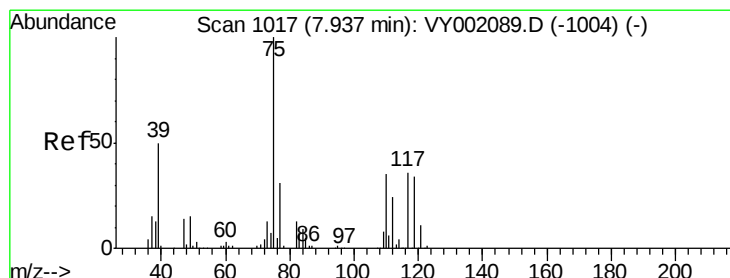
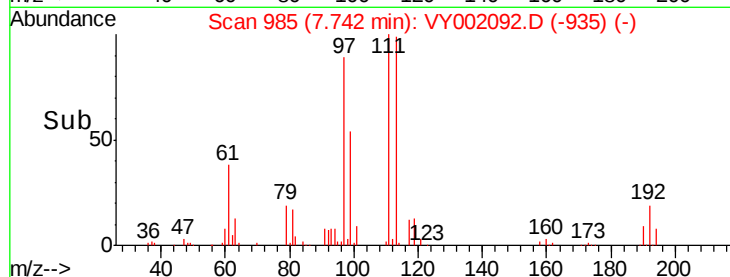
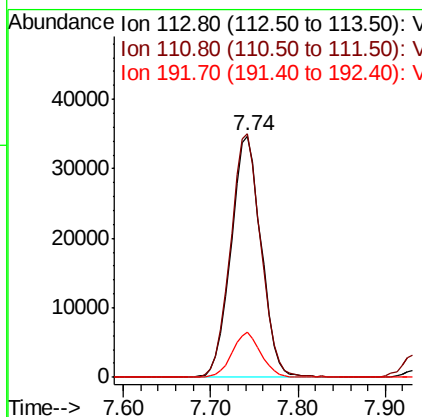
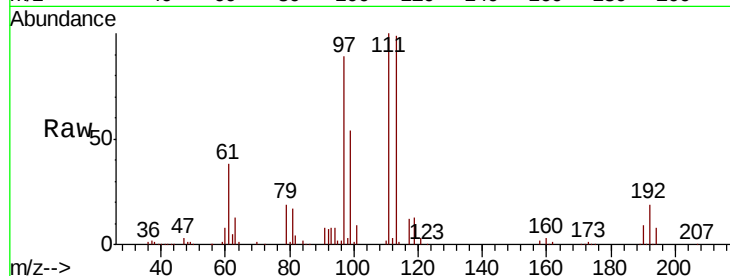
#35
 Dibromofluoromethane
 Concen: 48.089 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.4	126.6
192	17.9	14.6	21.8

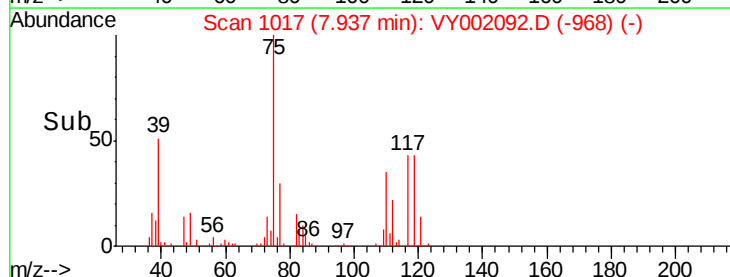
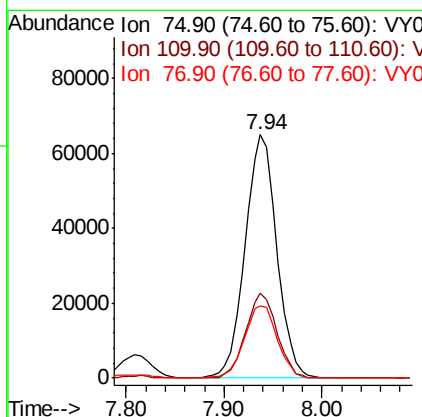
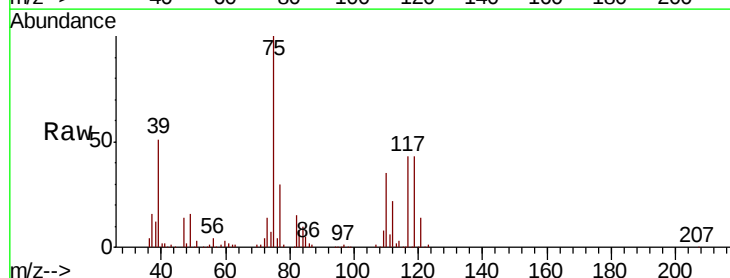
Manual Integrations
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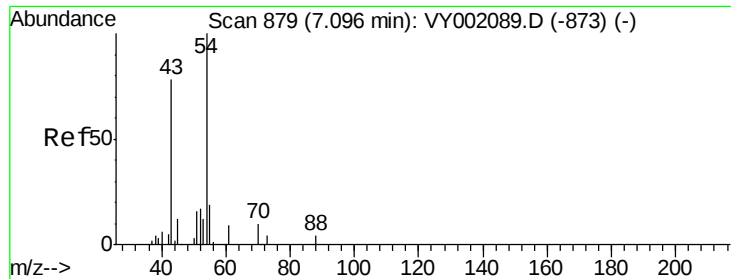
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#36
 1,1-Dichloropropene
 Concen: 50.068 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.6
77	31.1	24.7	37.1





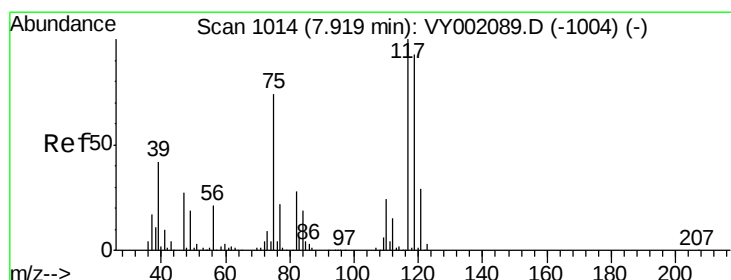
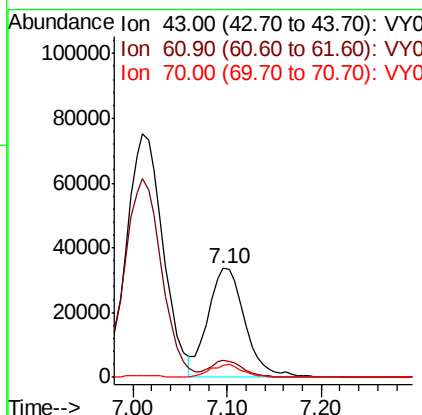
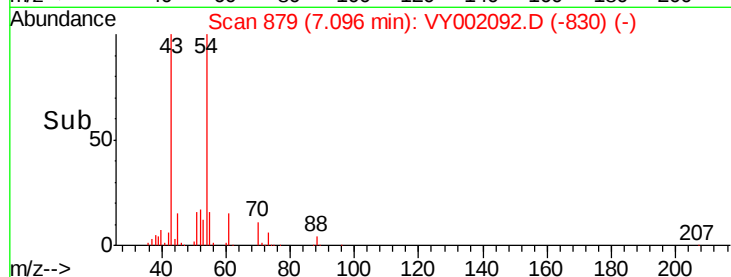
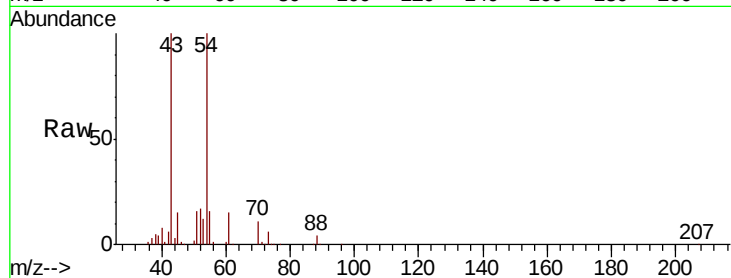
#37
Ethyl Acetate
Concen: 51.903 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032620

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.2	16.8
70	10.7	8.2	12.4

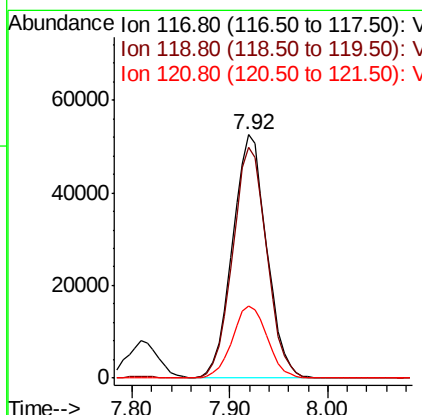
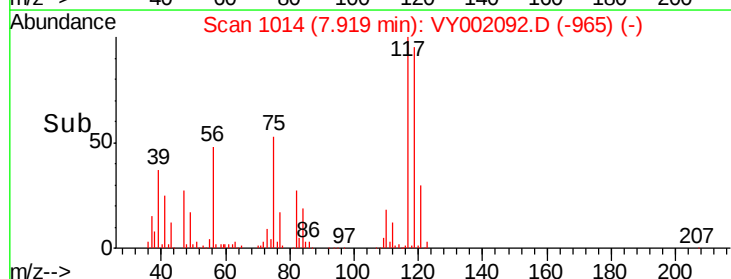
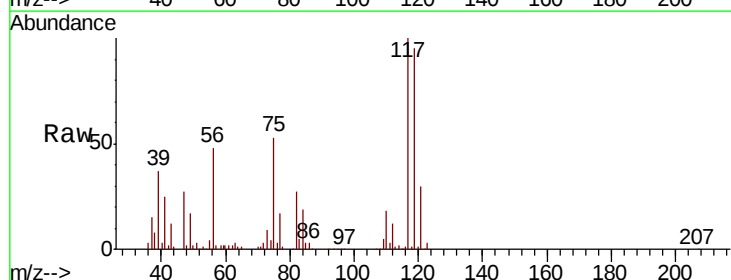
Manual Integrations
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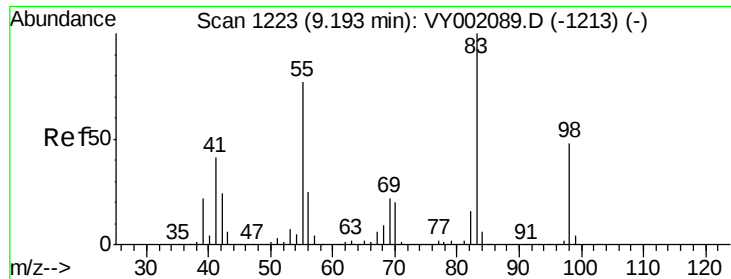
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#38
Carbon Tetrachloride
Concen: 51.372 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.3	111.5
121	29.7	23.3	34.9





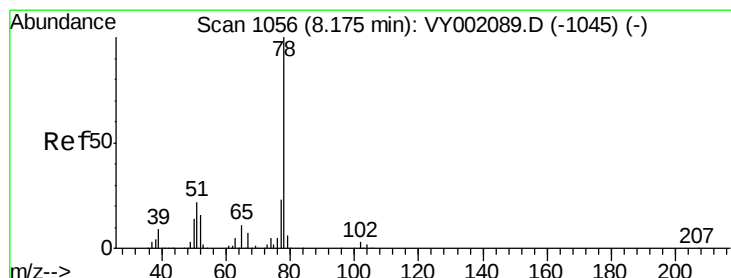
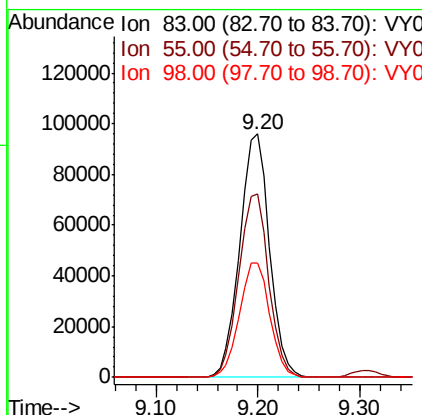
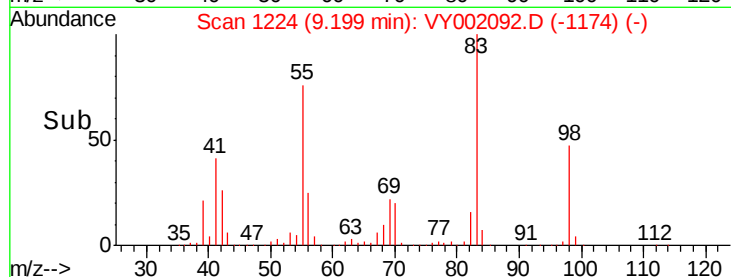
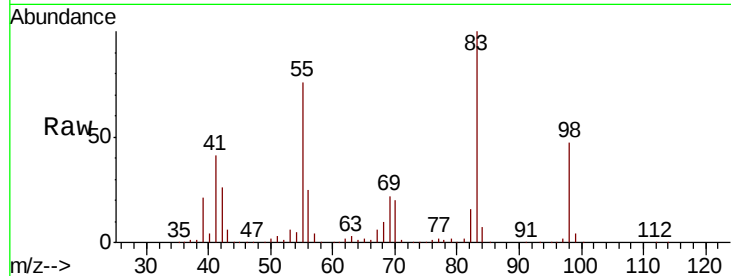
#39
Methvlcvclohexane
Concen: 50.824 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Resp	Lower	Upper
83	100	194296		
55	75.6	61.2	91.8	
98	46.8	38.2	57.2	

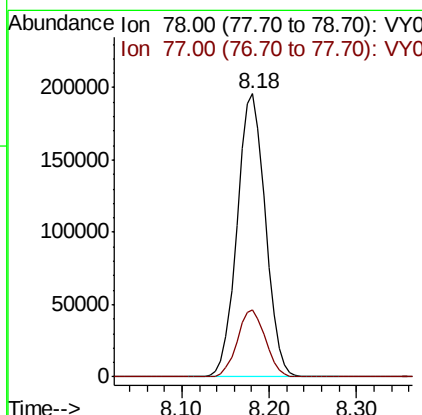
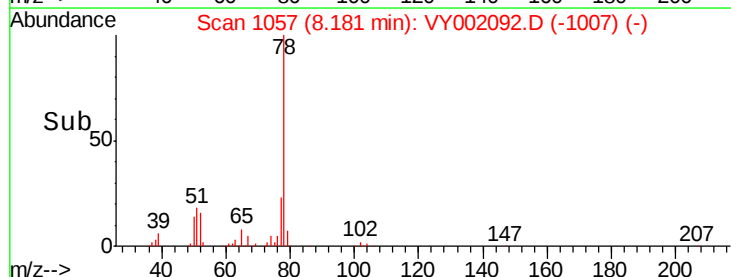
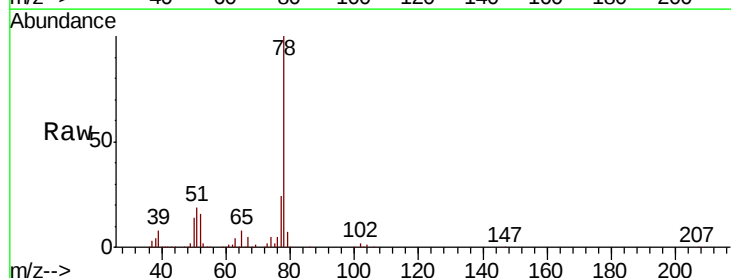
Manual Integrations
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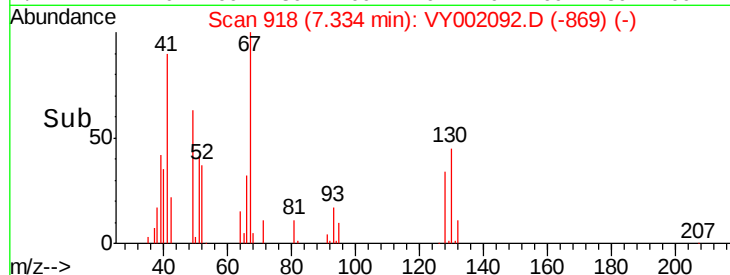
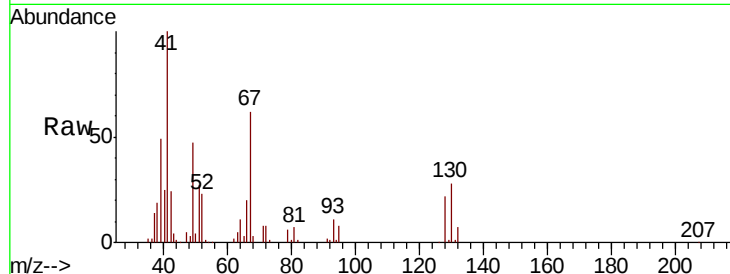
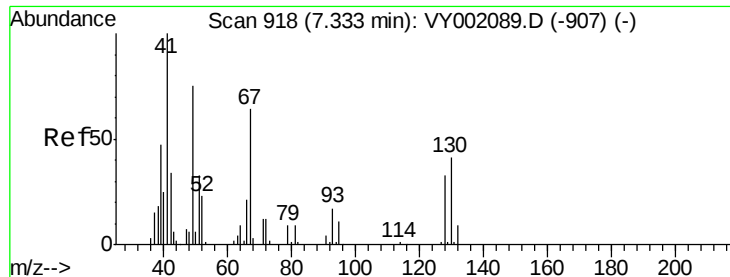
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#40
Benzene
Concen: 50.871 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	439171		
77	23.5	18.2	27.4	





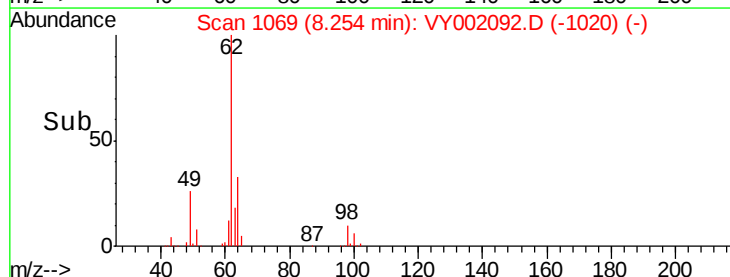
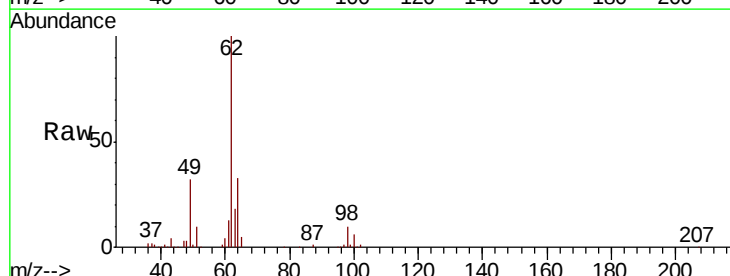
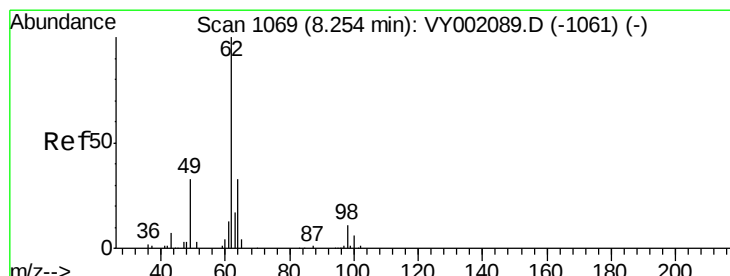
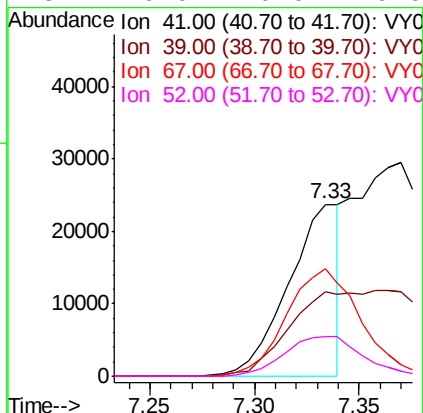
#41
Methacrylonitrile
Concen: 46.743 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tot Ion	41	Resp	41642
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

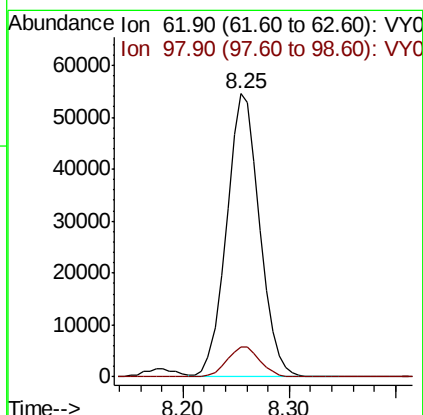
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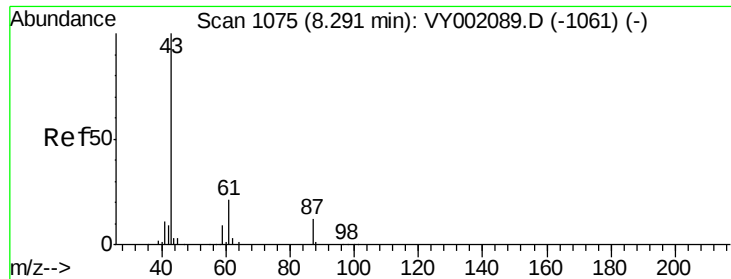
apatel
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#42
1,2-Dichloroethane
Concen: 51.625 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	62	Resp	118325
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	21.2





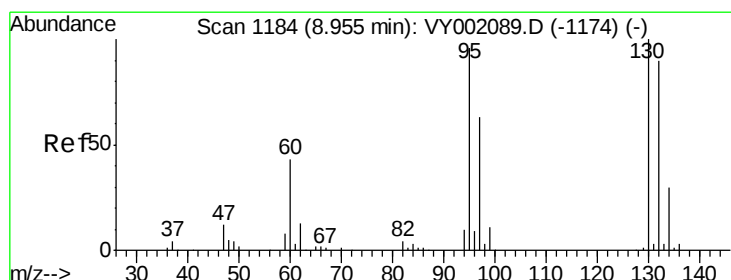
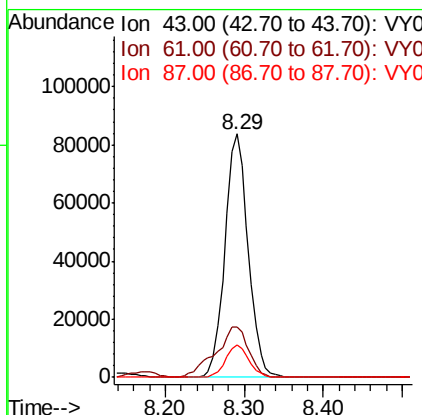
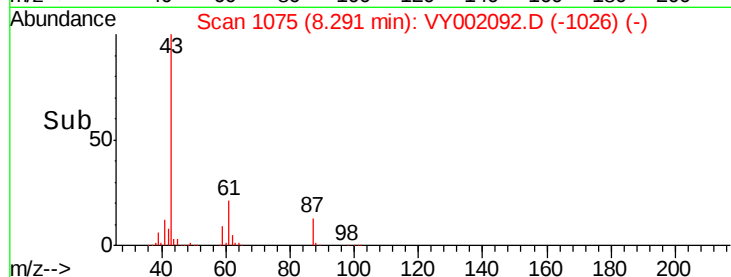
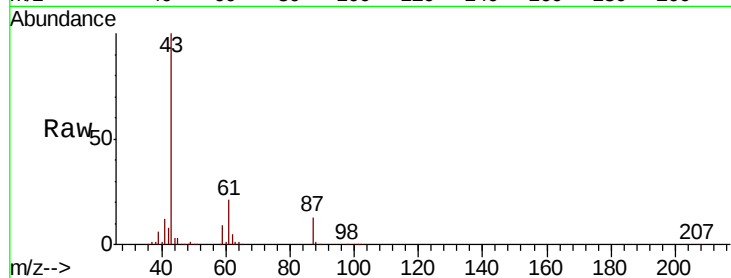
#43
Isopropyl Acetate
Concen: 52.440 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.4	35.2
87	13.4	10.2	15.4

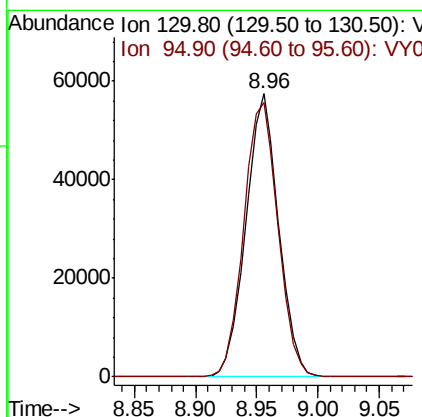
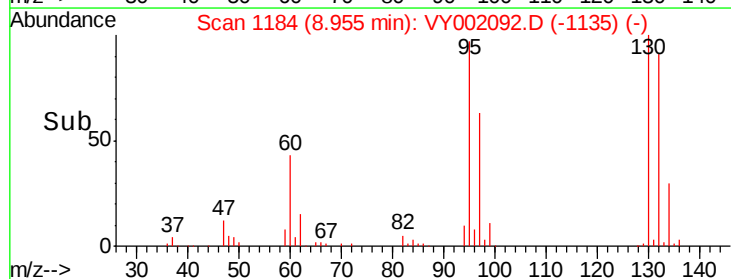
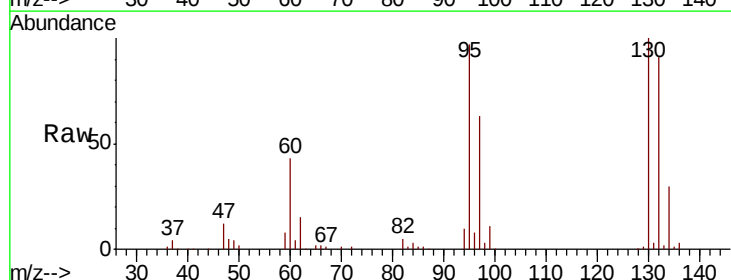
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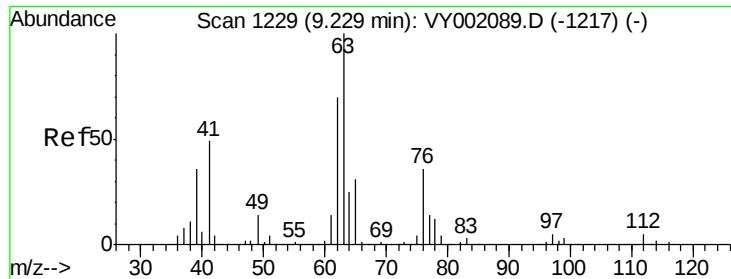
apatel
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#44
Trichloroethene
Concen: 51.357 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	193.0





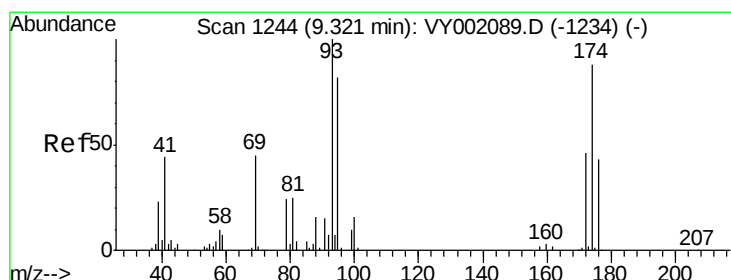
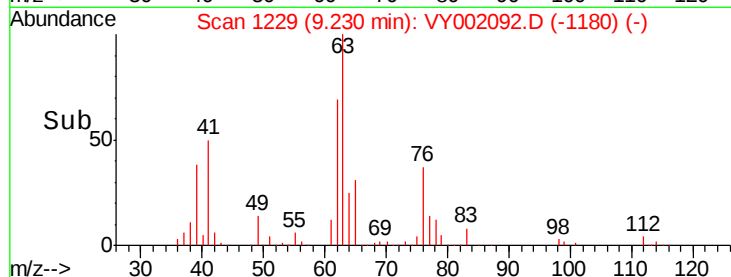
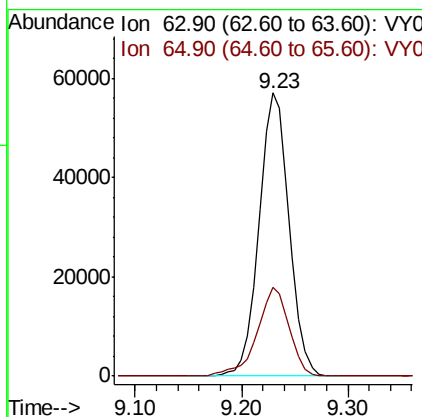
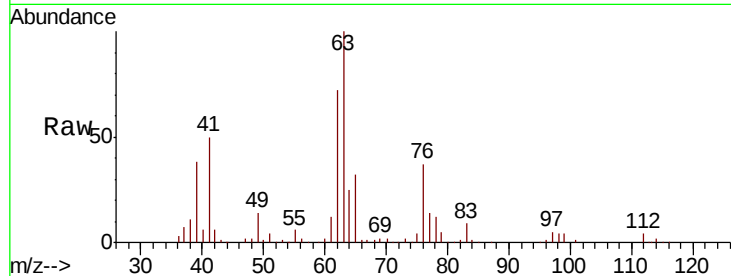
#45
 1,2-Dichloropropane
 Concen: 51.242 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.0	37.6

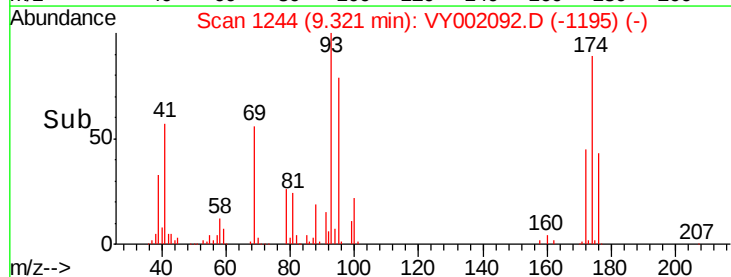
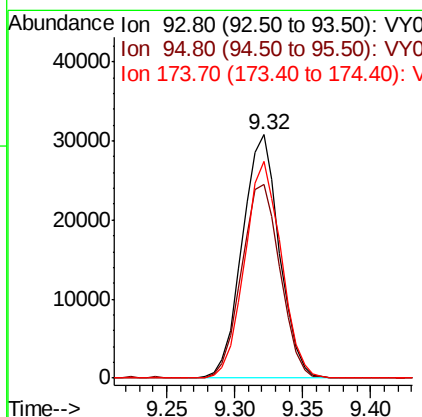
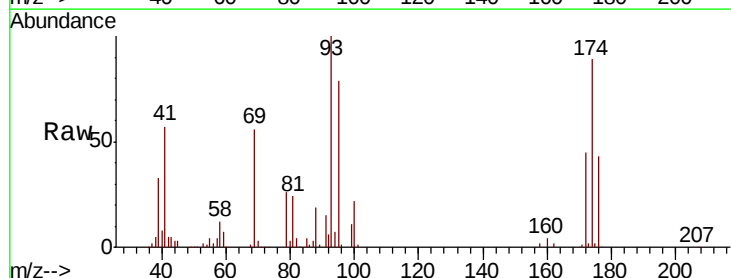
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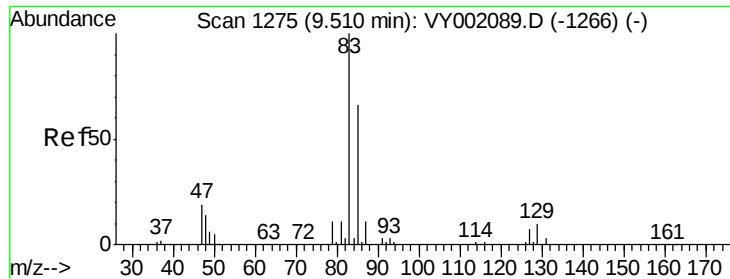
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#46
 Dibromomethane
 Concen: 51.991 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.0	99.0
174	87.7	69.8	104.8





#47

Bromodichloromethane

Concen: 52.372 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

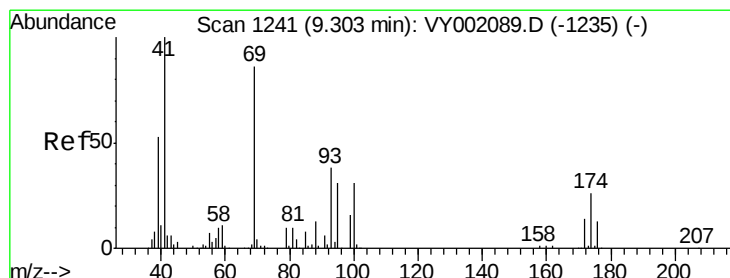
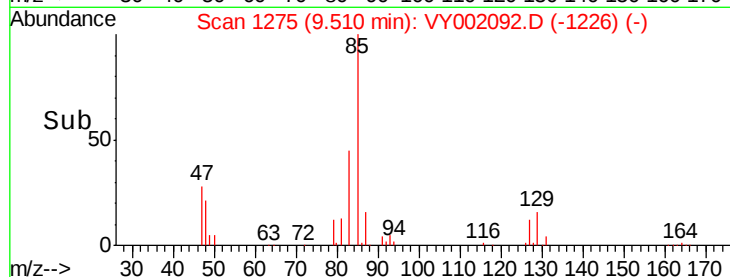
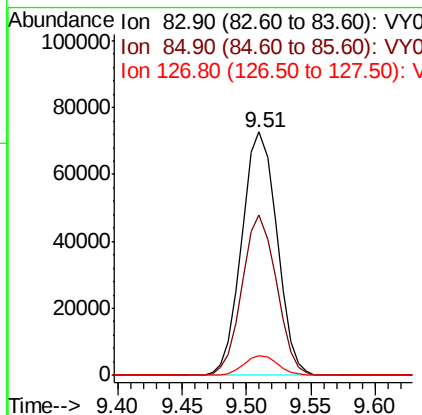
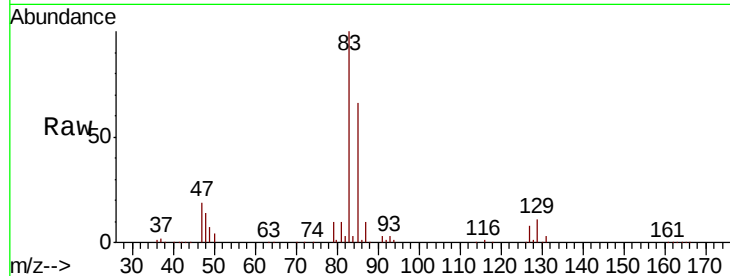
ClientSampleId :

ICVY032620

Tot Ion:	83	Resp:	137633
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	79.0
127	8.1	5.9	8.9

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#48

Methyl methacrylate

Concen: 52.551 ug/l

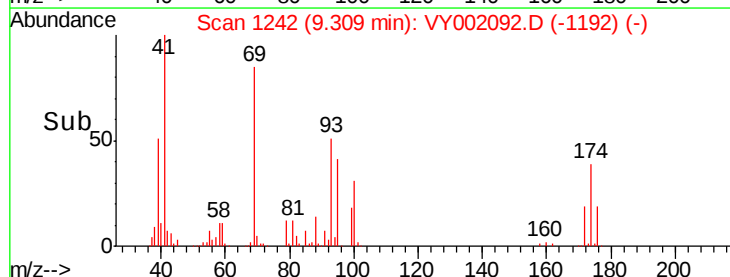
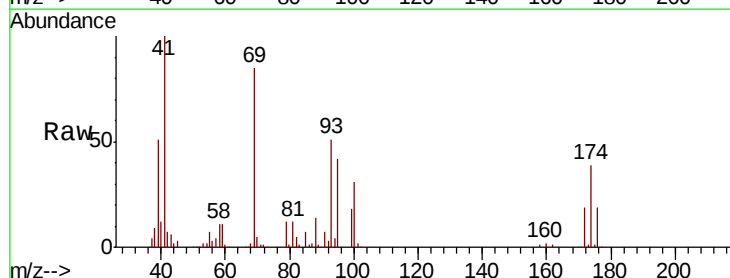
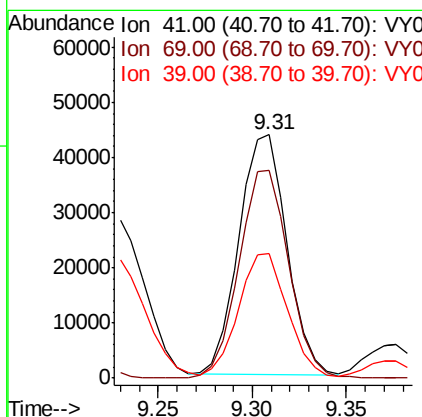
RT: 9.31 min Scan# 1242

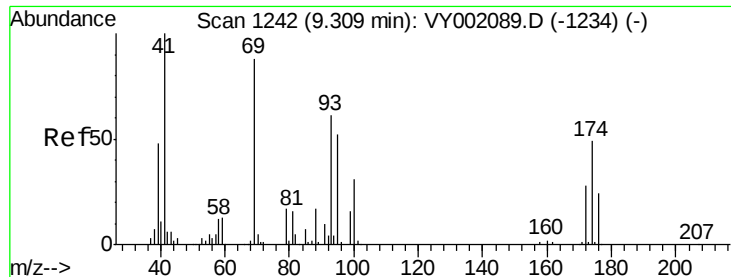
Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion:	41	Resp:	76981
Ion	Ratio	Lower	Upper
41	100		
69	89.6	71.4	107.0
39	51.2	41.0	61.4





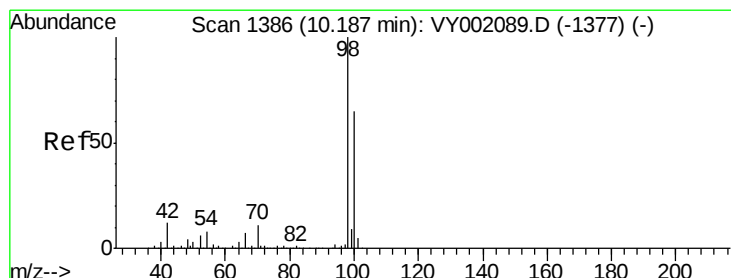
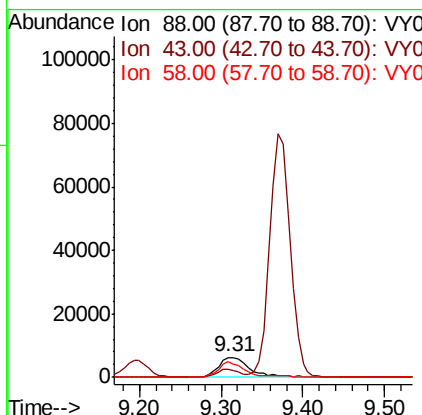
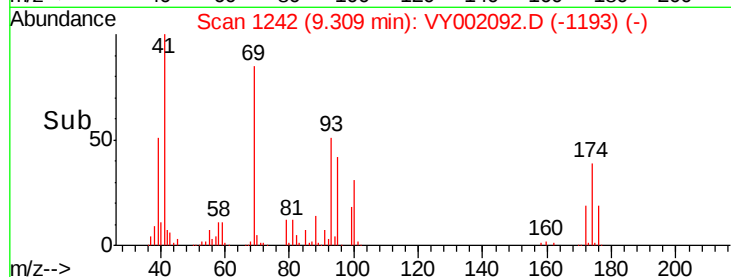
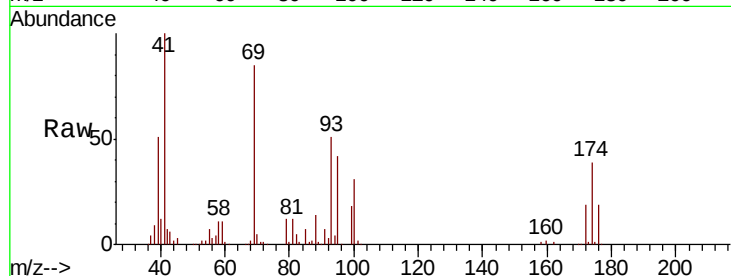
#49
1,4-Dioxane
Concen: 1097.022 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampled :
ICVY032620

Tot Ion	88	Resp	16994
Ion Ratio	Lower	Upper	
88	100		
43	30.9	27.2	40.8
58	63.6	59.8	89.8

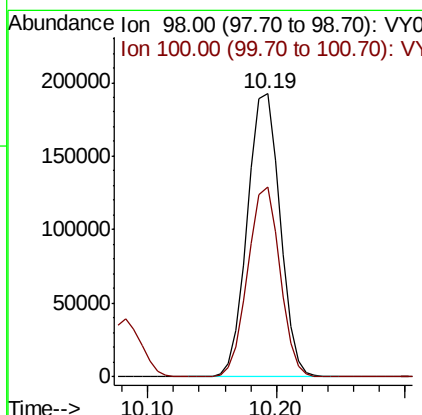
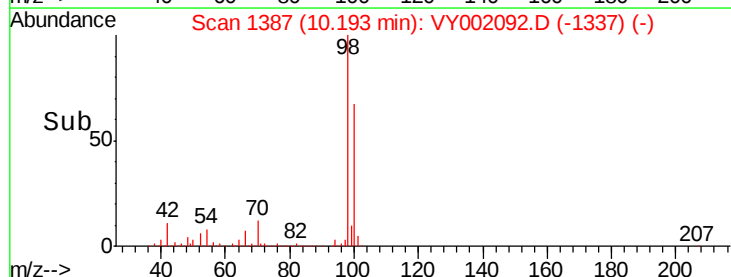
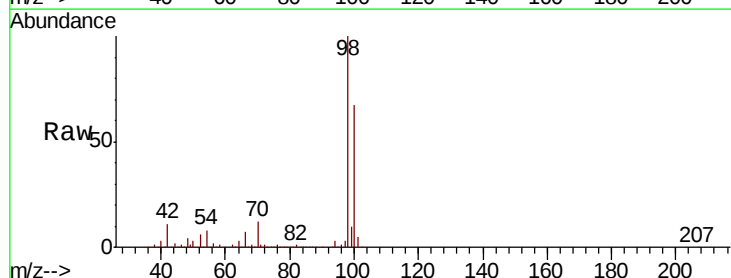
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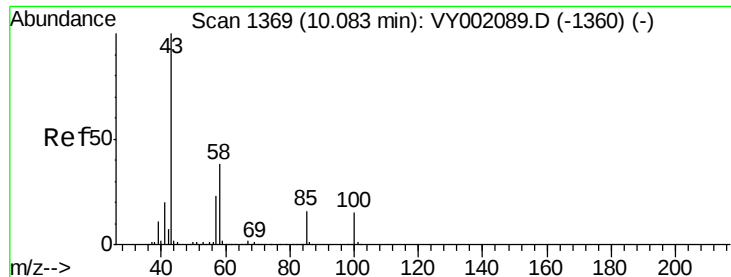
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#50
Toluene-d8
Concen: 47.009 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	98	Resp	337163
Ion Ratio	Lower	Upper	
98	100		
100	66.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 264.367 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampled :

ICVY032620

Tot Ion: 43 Resp: 444988

Ion Ratio Lower Upper

43 100

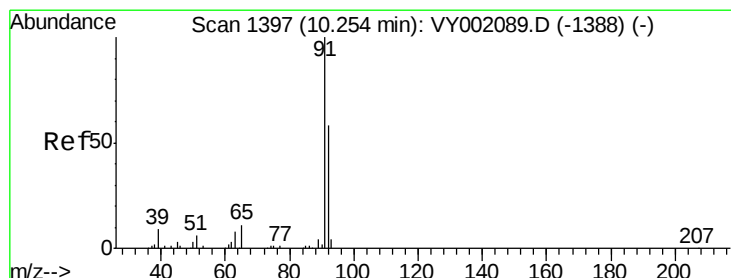
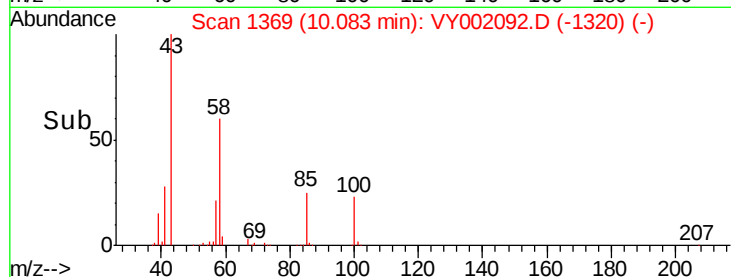
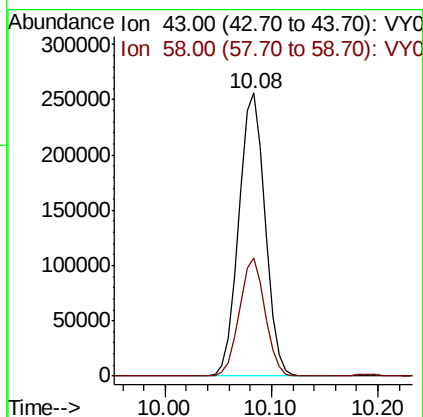
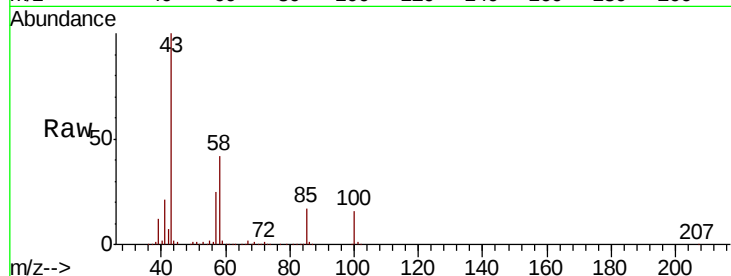
58 40.6 31.6 47.4

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#52

Toluene

Concen: 51.124 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002092.D

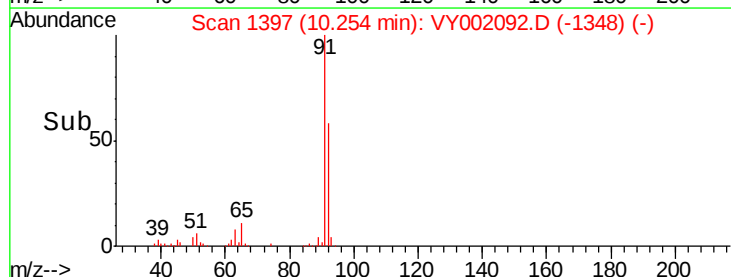
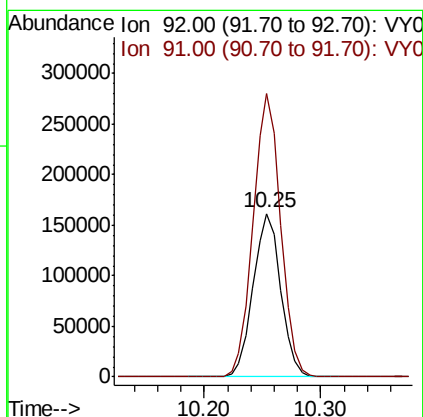
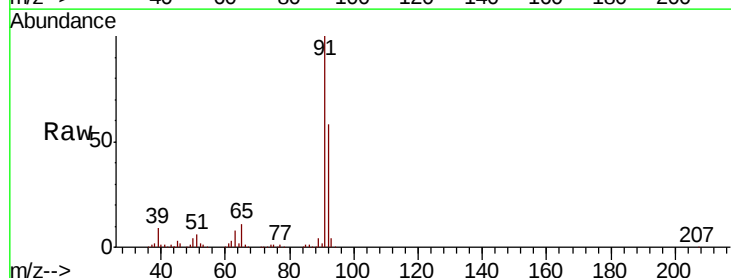
Acq: 26 Mar 2020 18:18

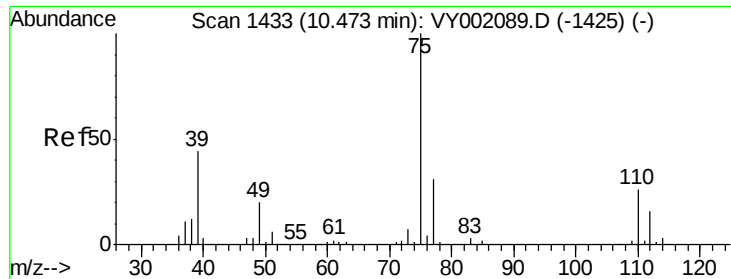
Tgt Ion: 92 Resp: 266944

Ion Ratio Lower Upper

92 100

91 172.8 139.3 208.9





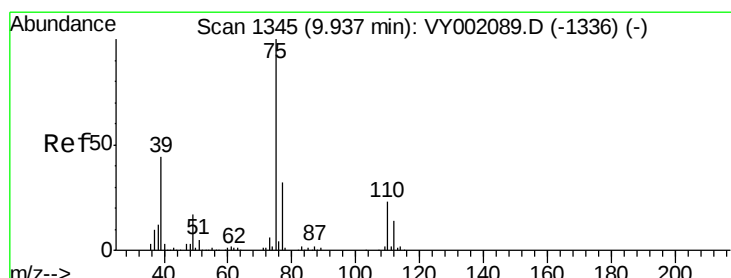
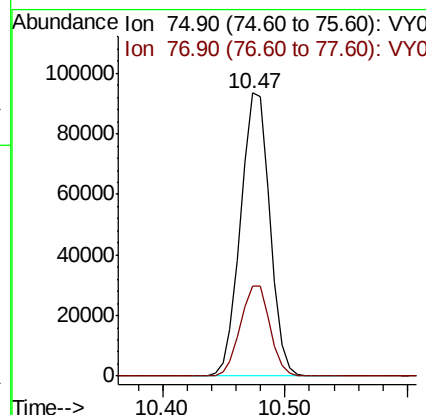
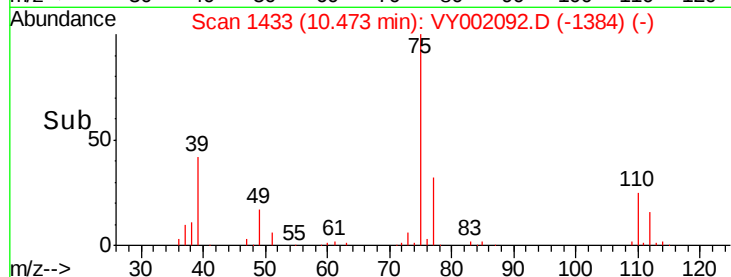
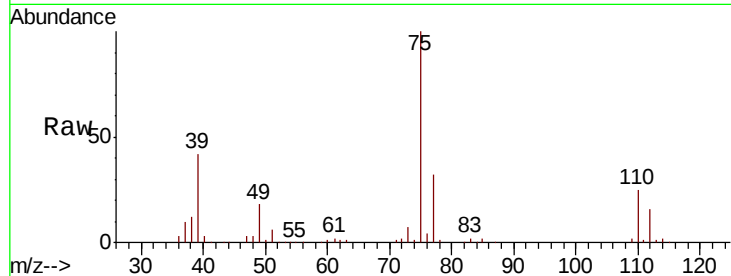
#53
t-1,3-Dichloropropene
Concen: 53.005 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion: 75 Resp: 154608
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

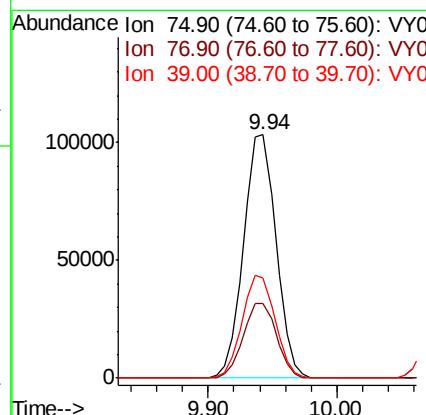
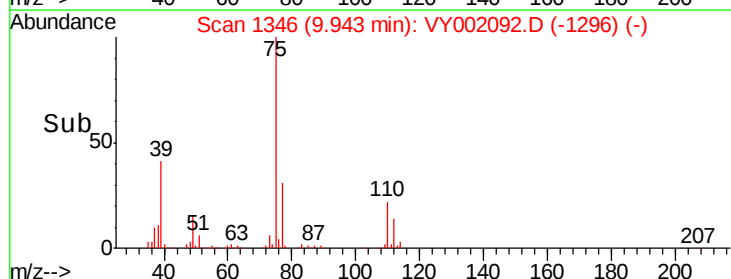
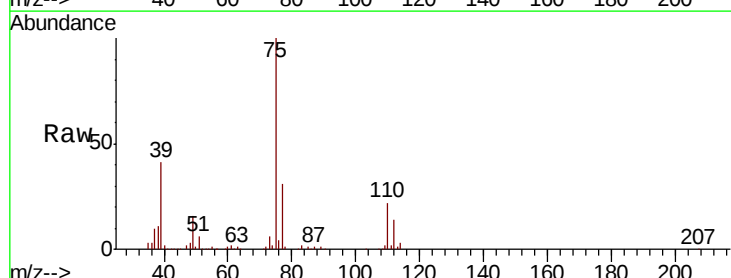
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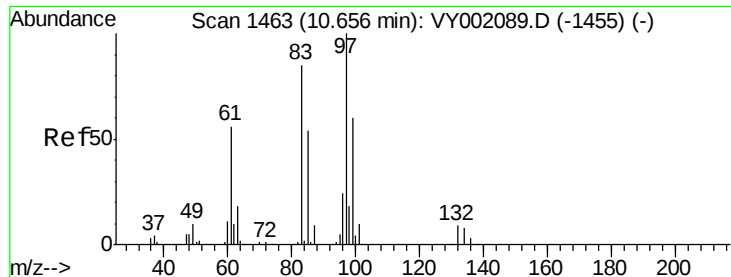
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#54
cis-1,3-Dichloropropene
Concen: 52.568 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 75 Resp: 180532
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 41.2 35.2 52.8





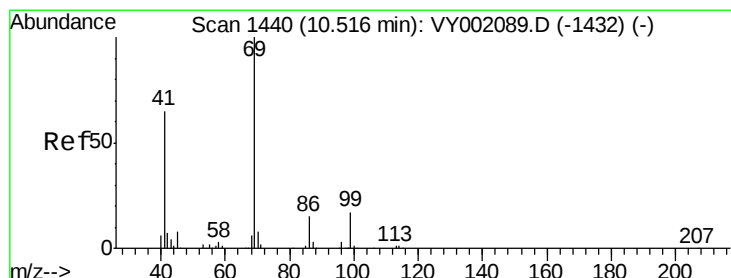
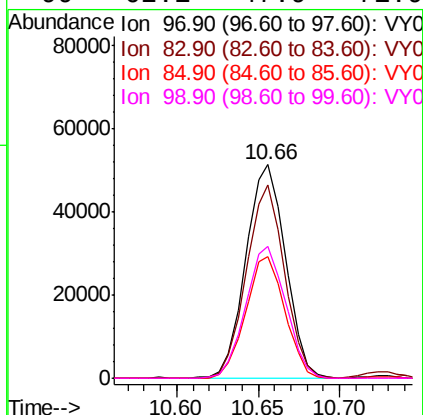
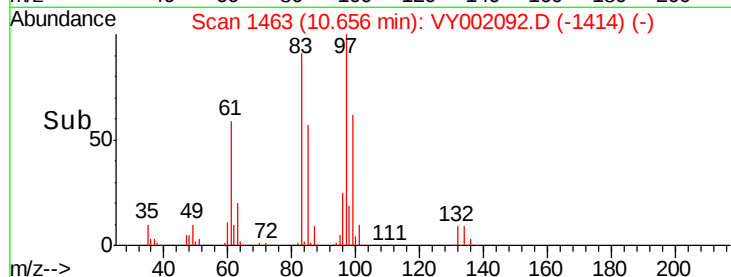
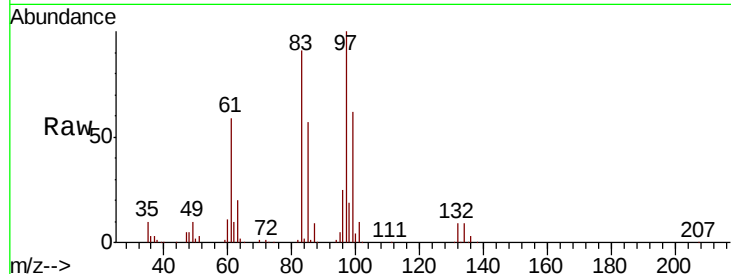
#55
 1,1,2-Trichloroethane
 Concen: 51.949 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.7	68.2	102.2
85	56.8	42.9	64.3
99	62.1	47.9	71.9

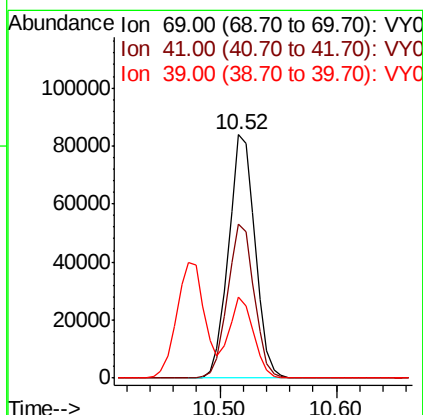
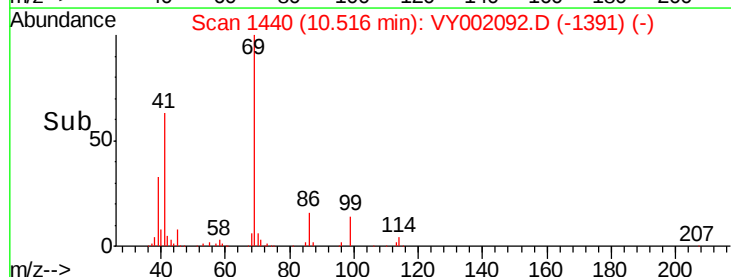
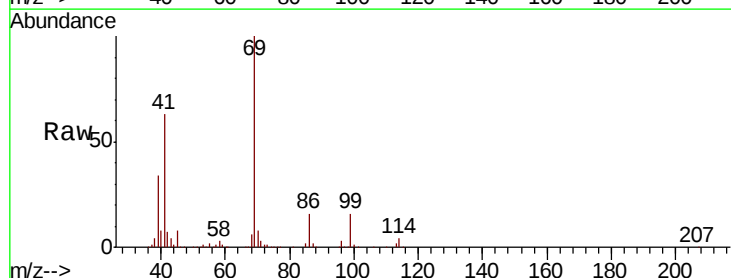
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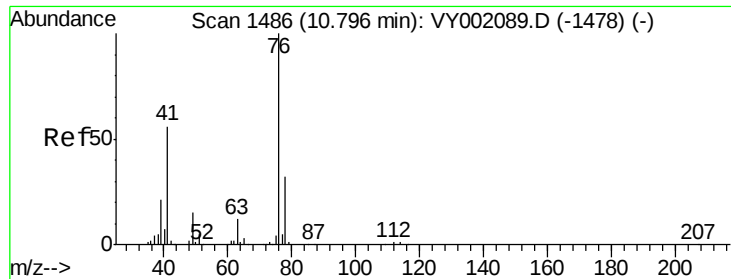
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#56
 Ethyl methacrylate
 Concen: 54.429 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.8	79.2
39	31.0	25.0	37.6





#57

1,3-Dichloropropane

Concen: 52.630 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampled :

ICVY032620

Tot Ion: 76 Resp: 155361

Ion Ratio Lower Upper

76 100

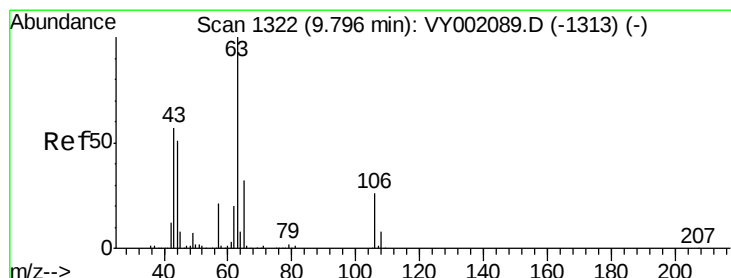
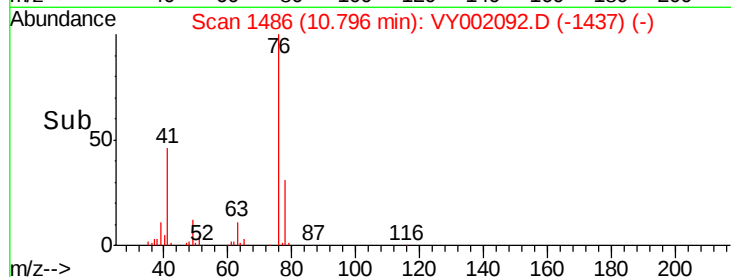
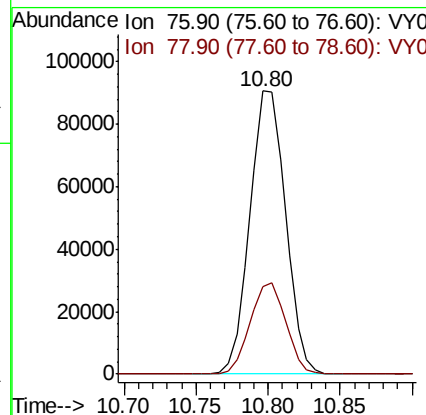
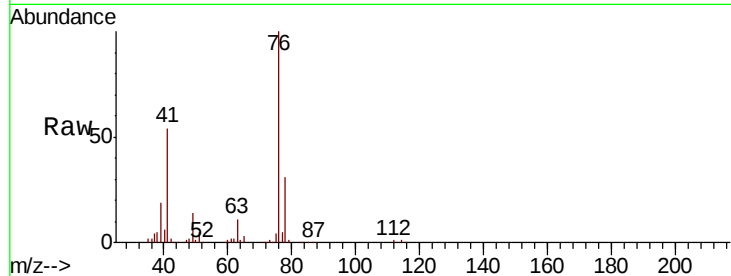
78 32.1 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 255.163 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002092.D

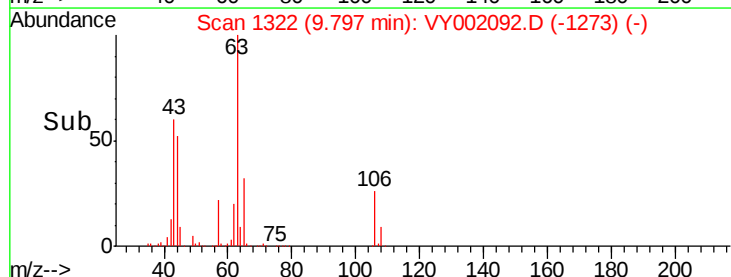
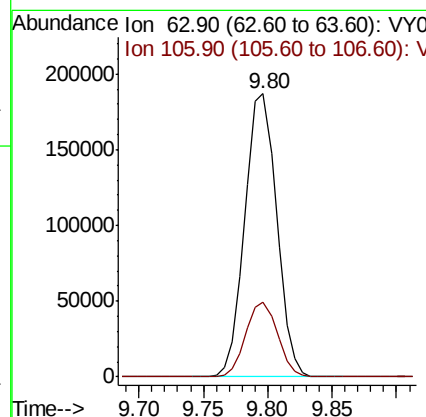
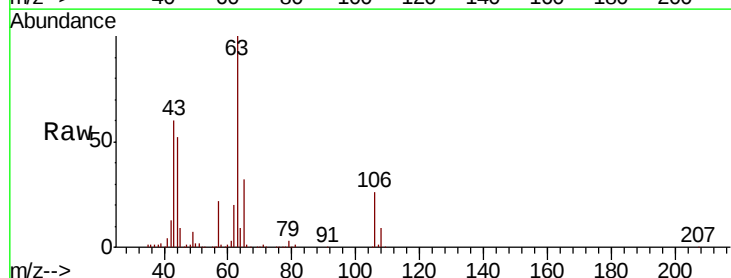
Acq: 26 Mar 2020 18:18

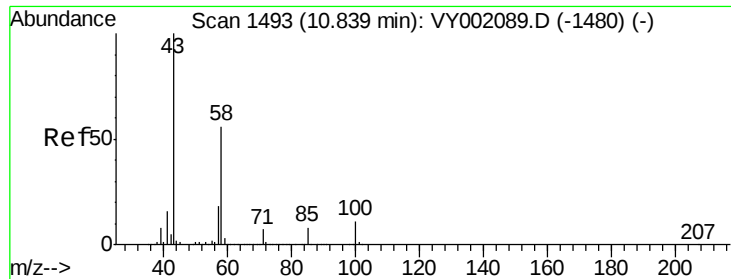
Tgt Ion: 63 Resp: 319959

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





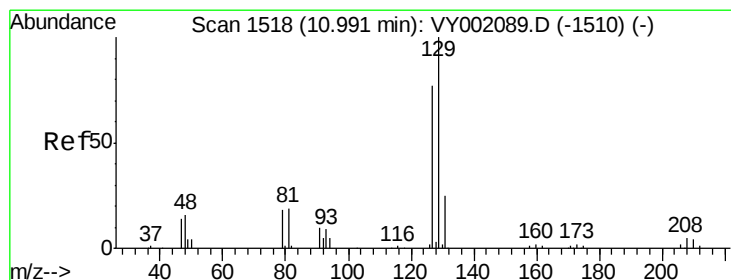
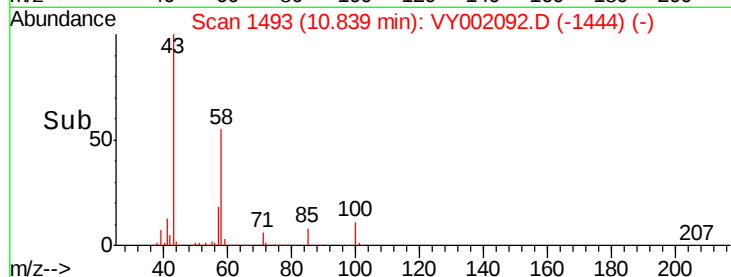
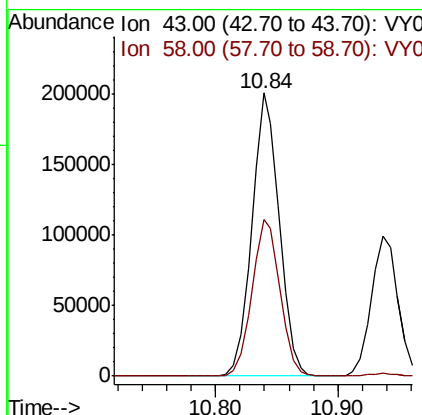
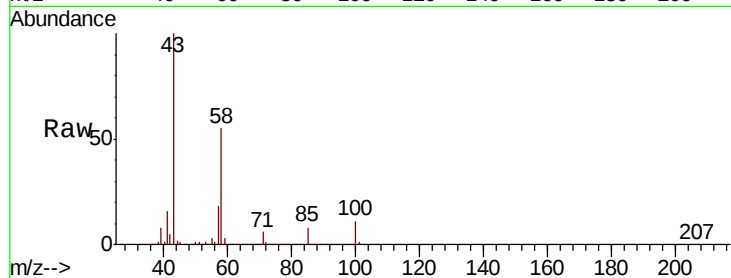
#59
2-Hexanone
Concen: 263.116 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion: 43 Resp: 311975
Ion Ratio Lower Upper
43 100
58 56.7 27.9 83.6

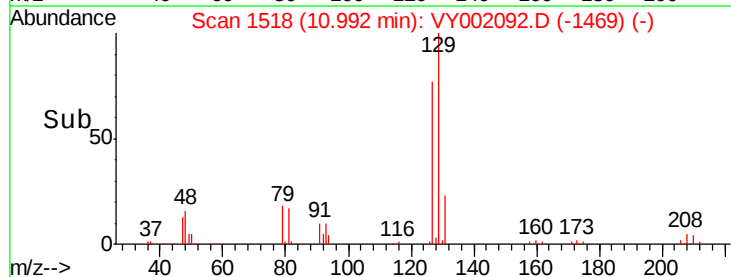
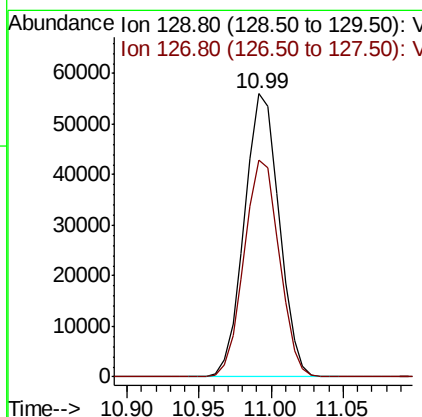
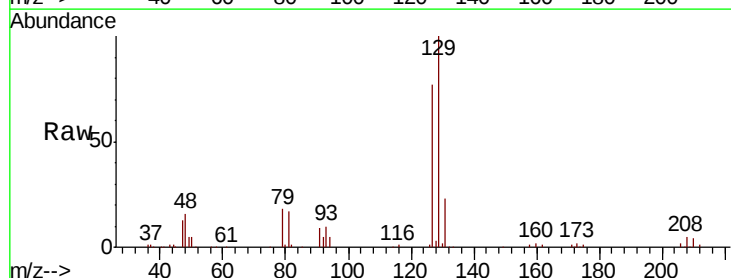
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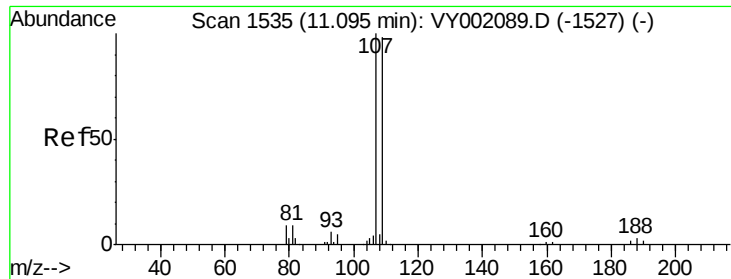
apatel
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#60
Dibromochloromethane
Concen: 53.642 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 129 Resp: 93784
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





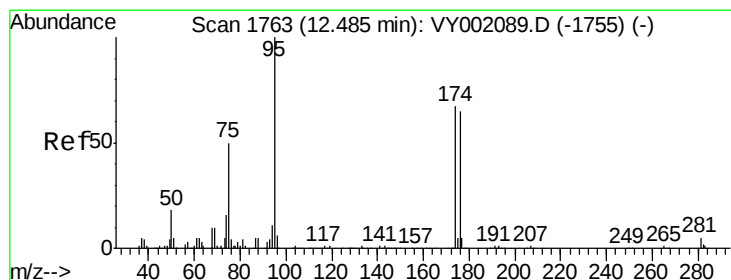
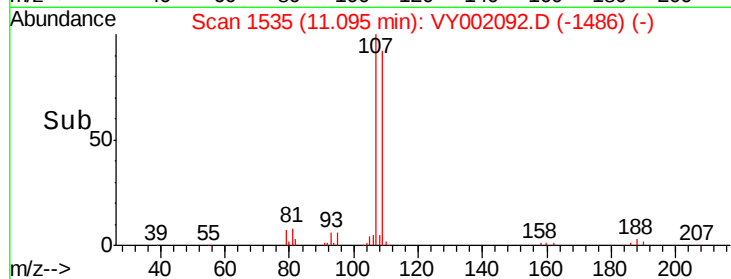
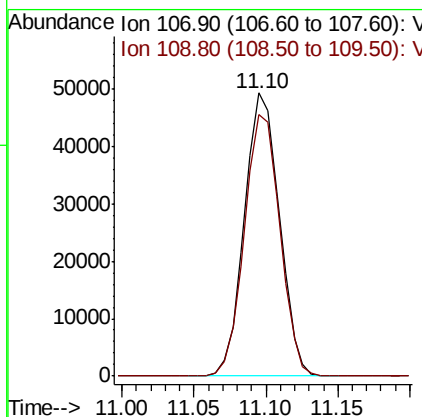
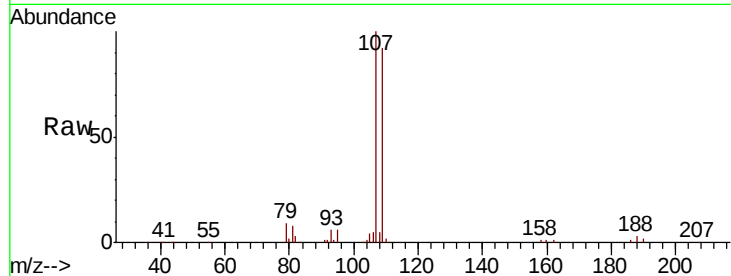
#61
 1,2-Dibromoethane
 Concen: 52.960 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.3	114.5

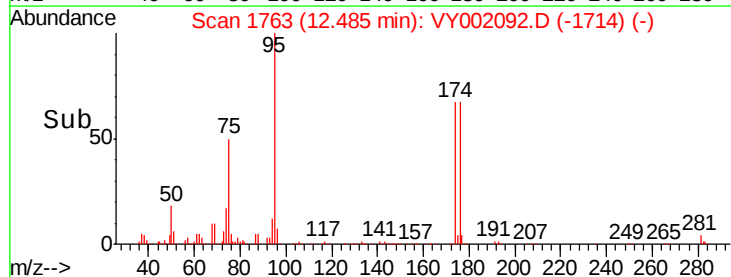
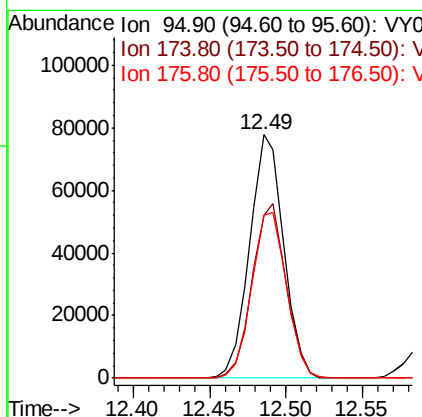
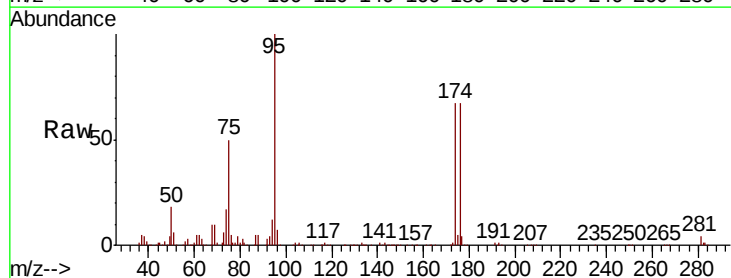
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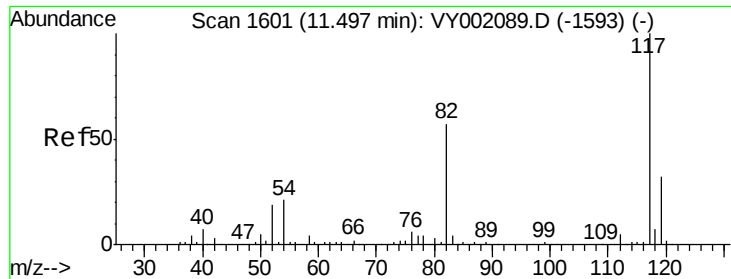
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.057 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	143.4
176	69.7	0.0	137.0





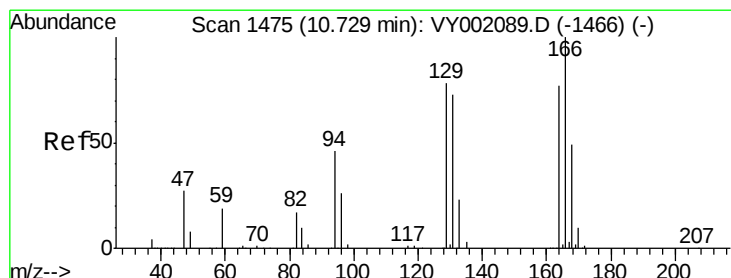
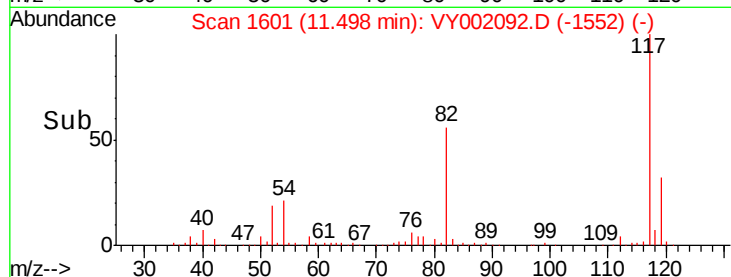
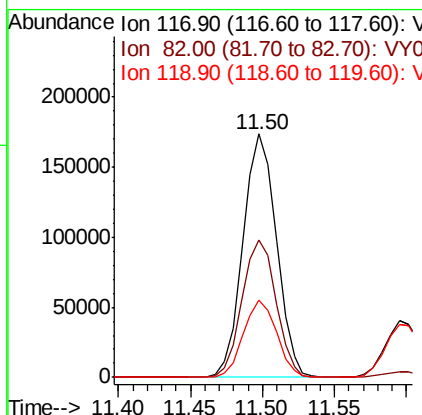
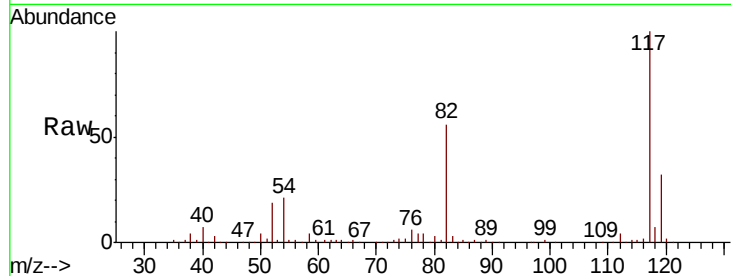
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.2
119	31.8	25.3	37.9

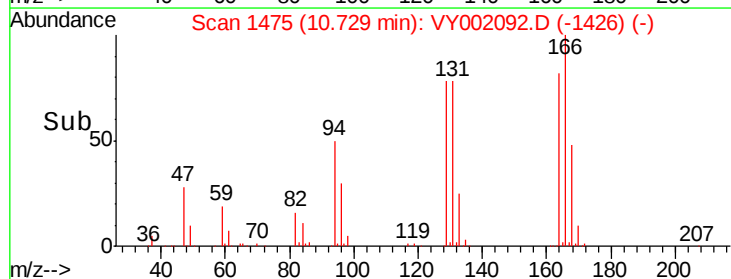
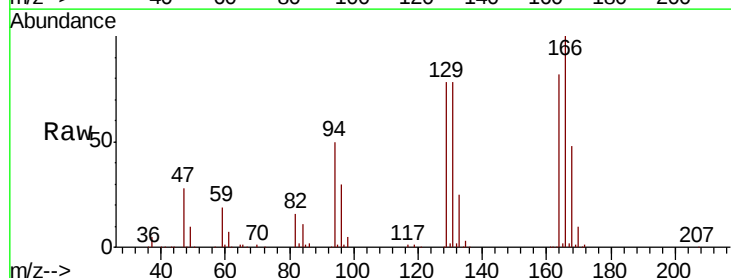
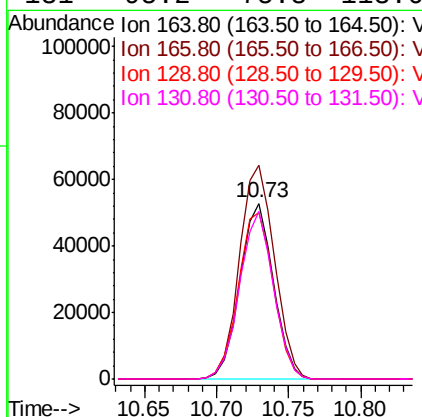
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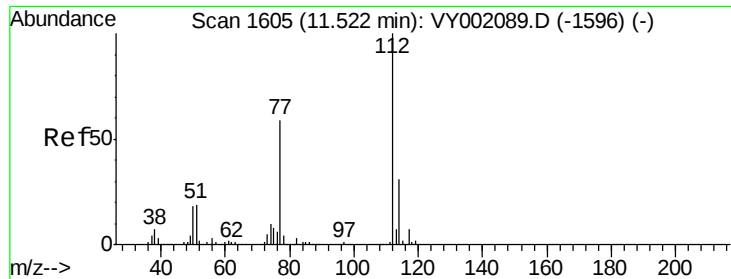
apatel
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#64
Tetrachloroethene
Concen: 49.899 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	104.0	156.0
129	94.5	81.2	121.8
131	95.2	75.8	113.6





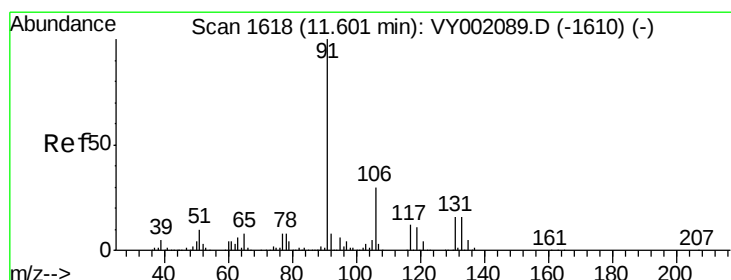
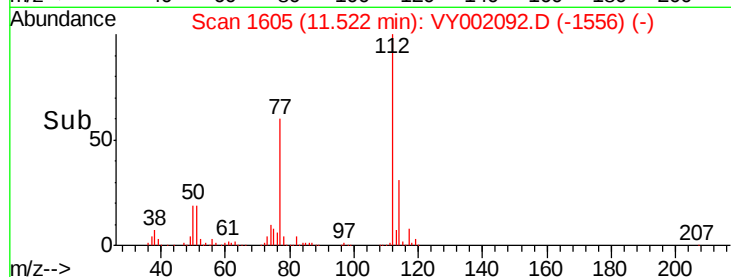
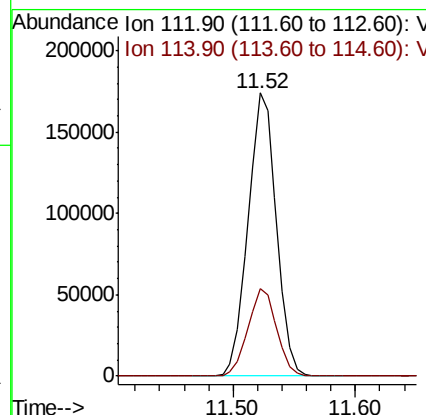
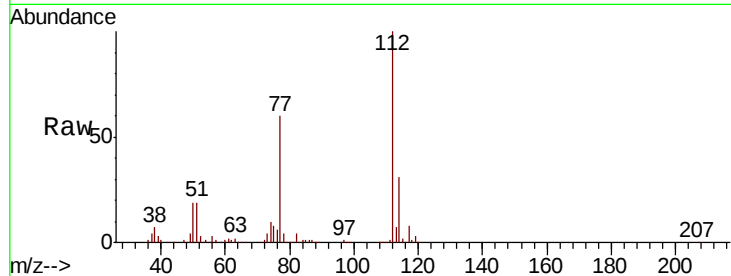
#65
Chlorobenzene
Concen: 51.717 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	24.9	37.3

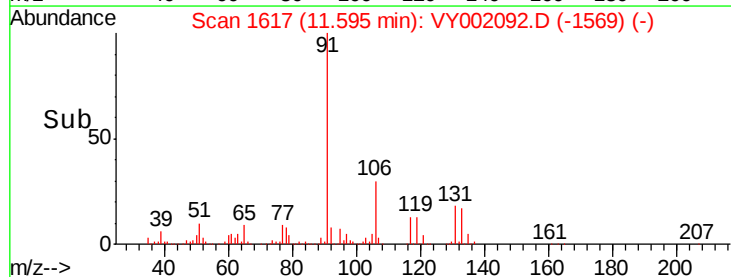
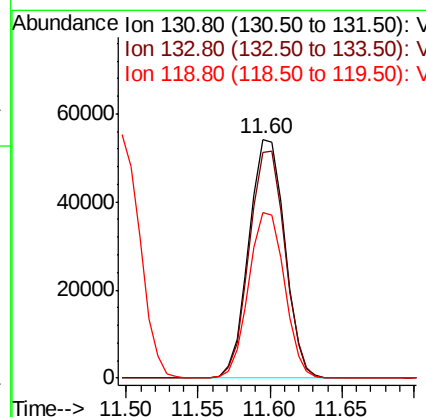
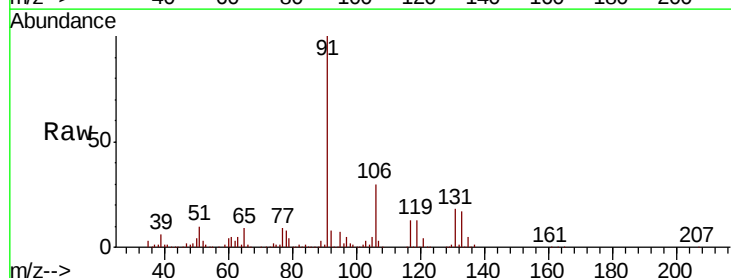
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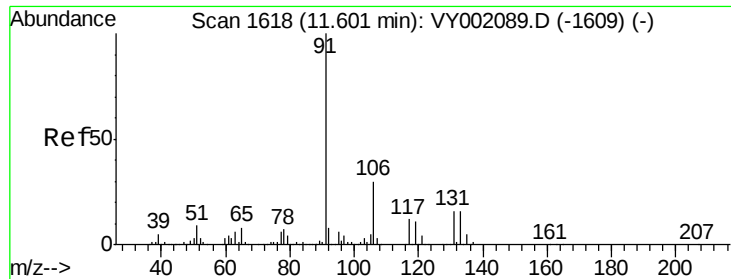
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.910 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.5	142.5
119	69.2	34.6	103.9





#67

Ethyl Benzene

Concen: 51.465 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 91 Resp: 514979

Ion Ratio Lower Upper

91 100

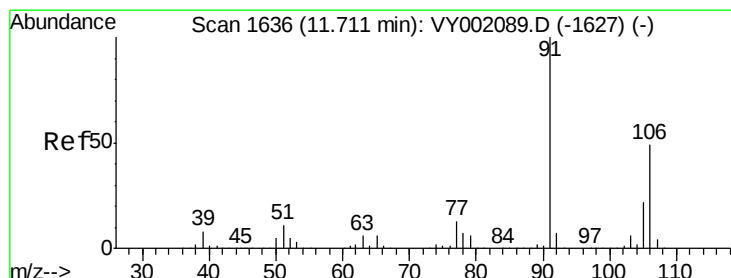
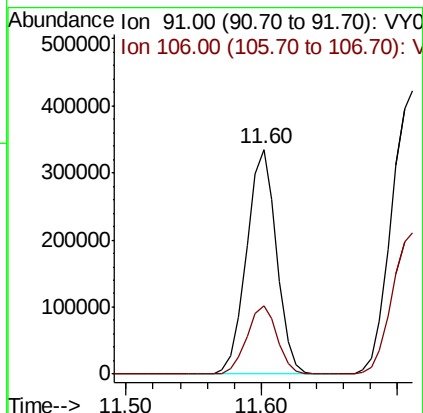
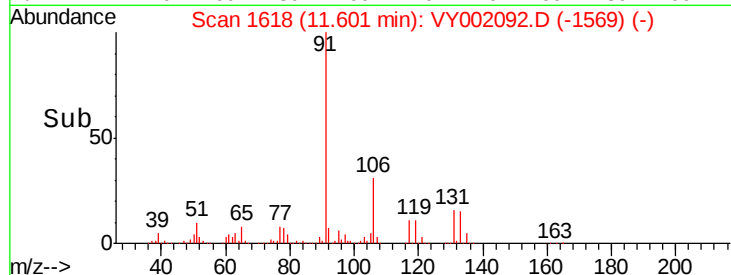
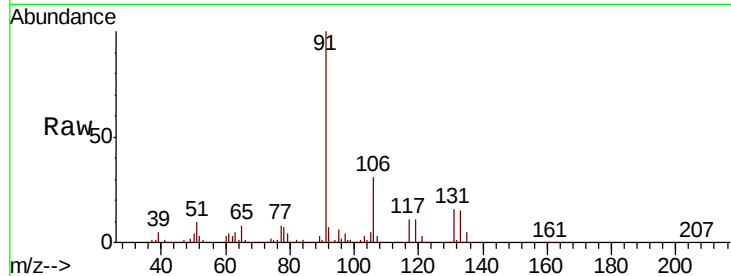
106 30.5 24.1 36.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.701 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002092.D

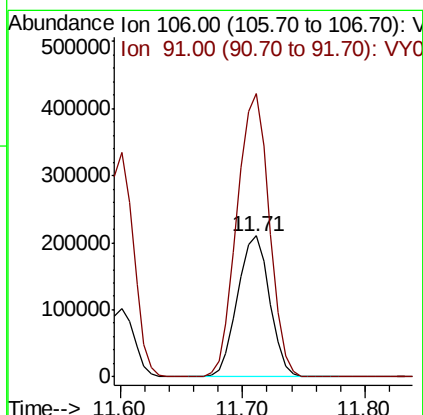
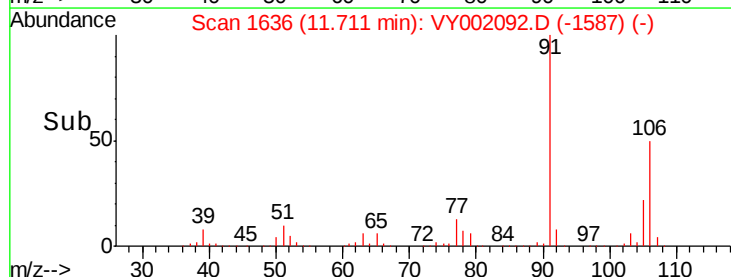
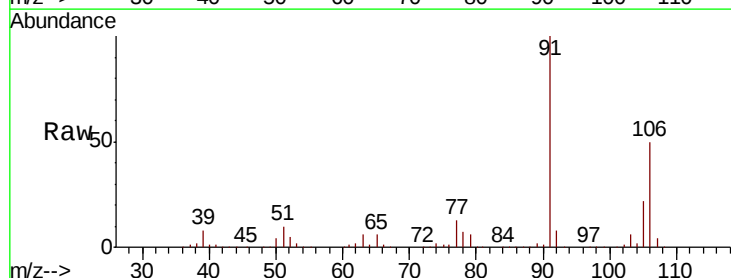
Acq: 26 Mar 2020 18:18

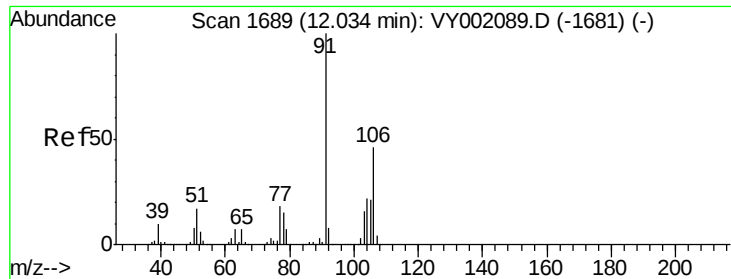
Tgt Ion: 106 Resp: 383670

Ion Ratio Lower Upper

106 100

91 202.0 162.8 244.2





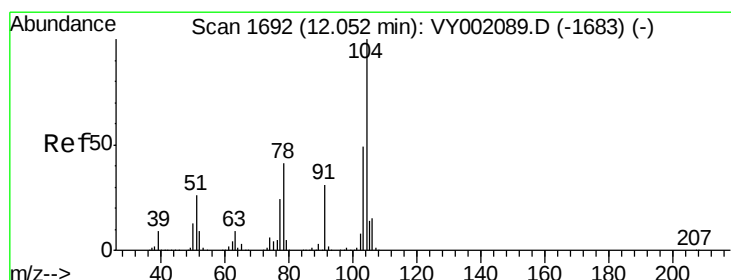
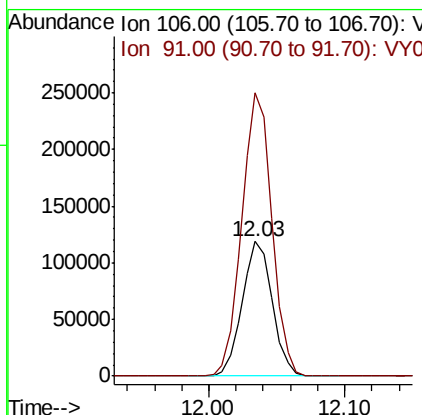
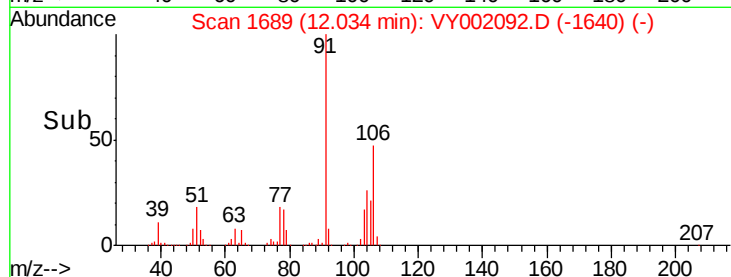
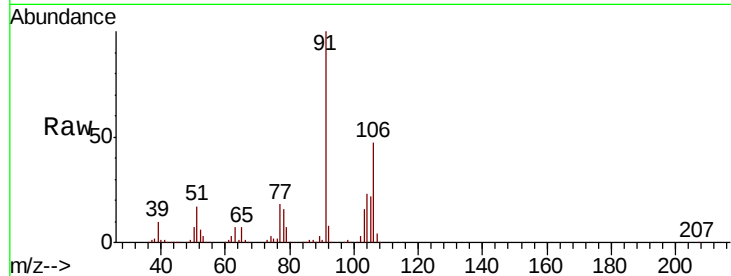
#69
o-Xylene
Concen: 52.133 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		182968		
91	211.1	107.3	321.8		

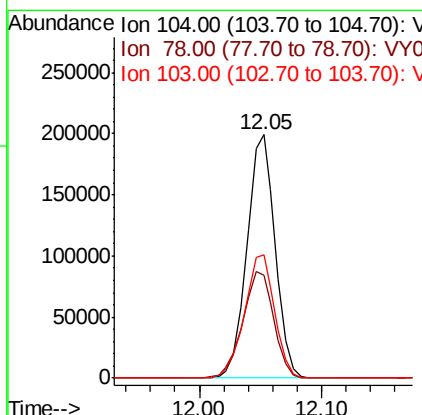
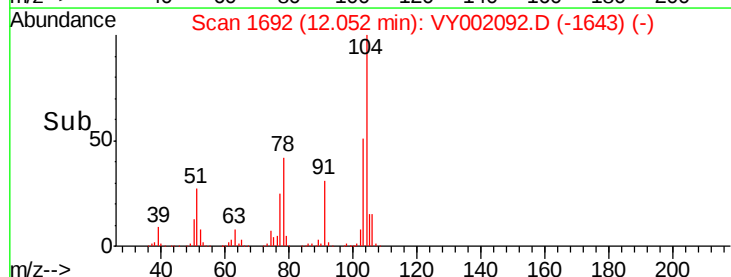
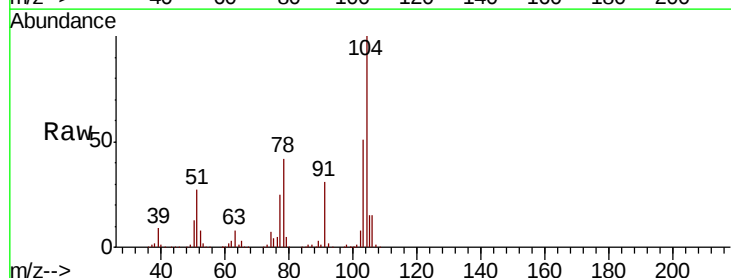
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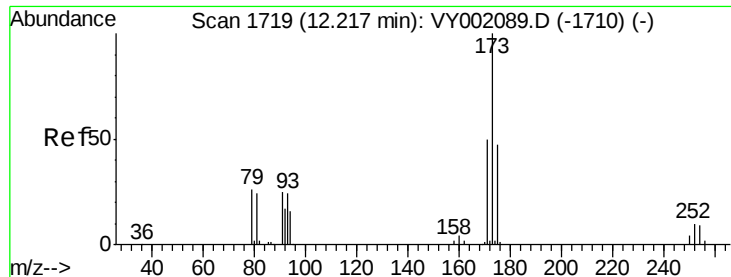
apatel
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#70
Styrene
Concen: 52.339 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		318299		
78	48.3	37.9	56.9		
103	54.4	43.2	64.8		





#71

Bromoform

Concen: 53.712 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion:173 Resp: 53026

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

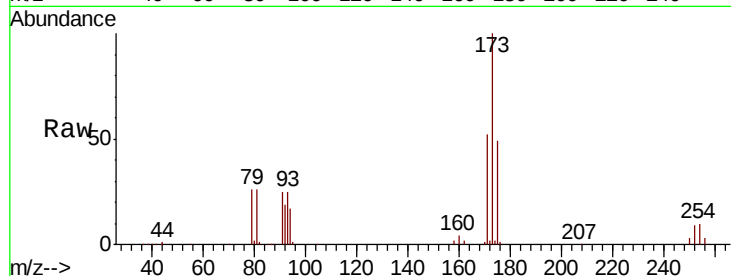
254 0.0 0.0 0.0

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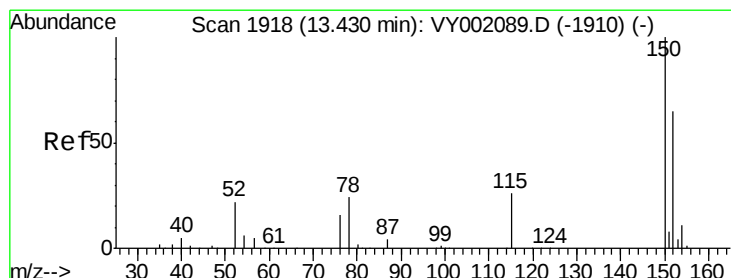
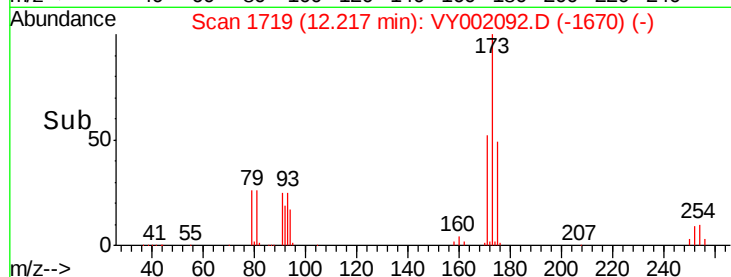
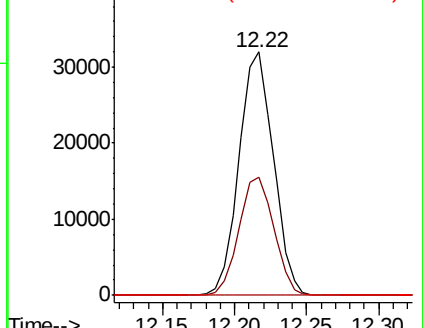
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

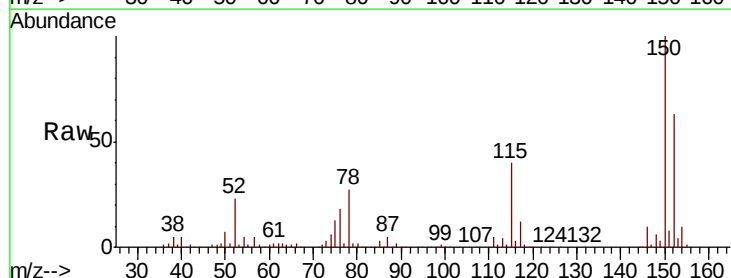
Tgt Ion:152 Resp: 129984

Ion Ratio Lower Upper

152 100

115 60.8 31.2 93.6

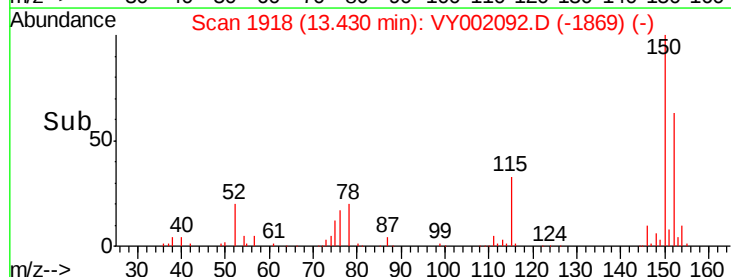
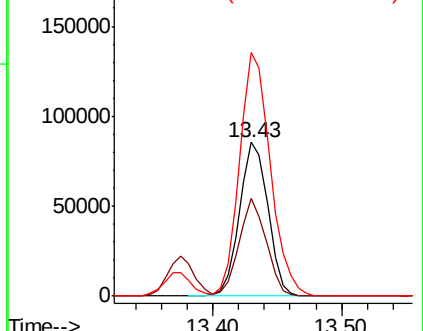
150 172.5 0.0 354.8

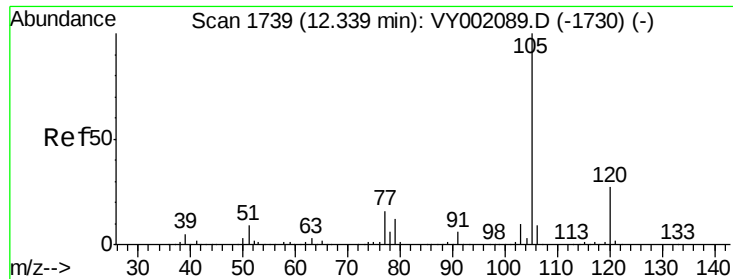


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.514 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 105 Resp: 487076

Ion Ratio Lower Upper

105 100

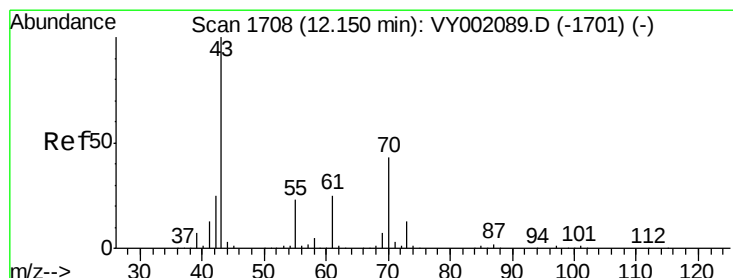
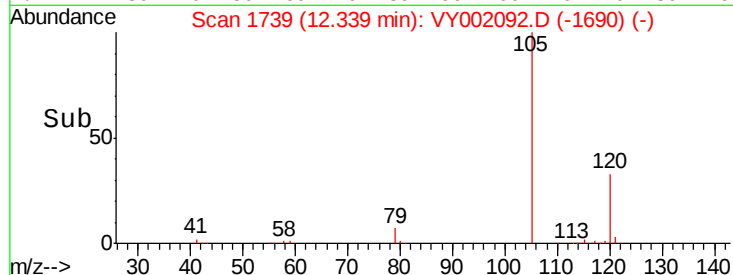
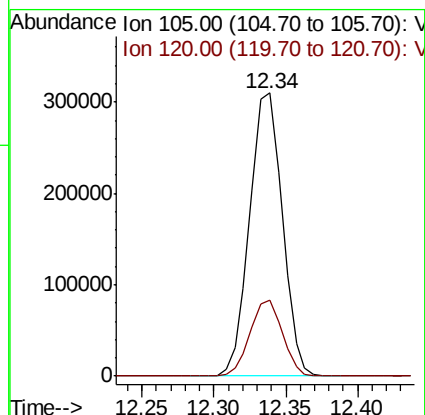
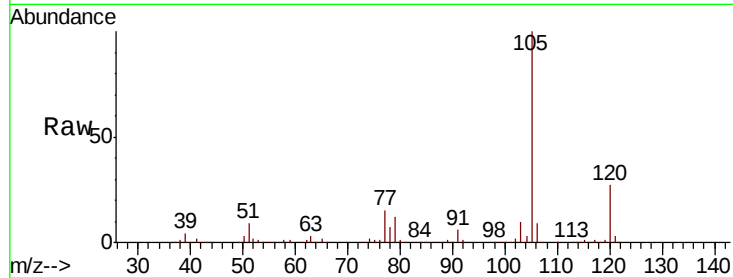
120 26.5 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.220 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion: 43 Resp: 158806

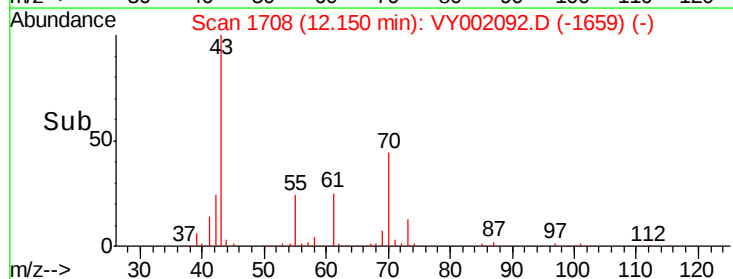
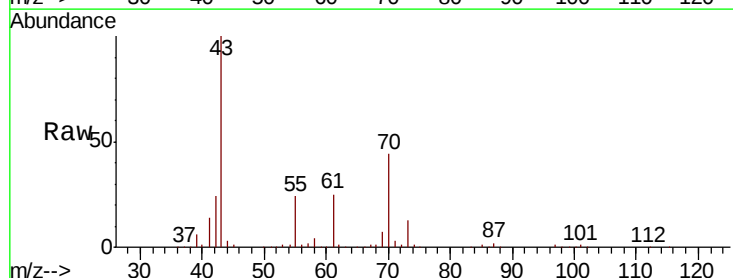
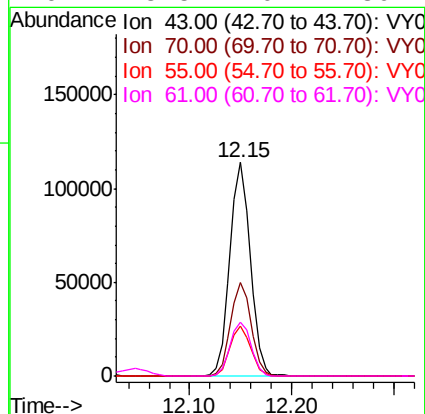
Ion Ratio Lower Upper

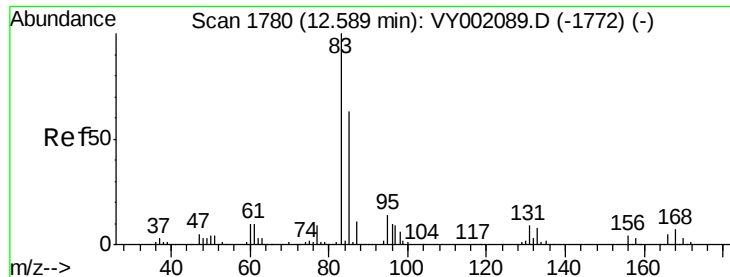
43 100

70 43.8 35.0 52.4

55 23.7 18.7 28.1

61 25.5 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.715 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 83 Resp: 109378

Ion Ratio Lower Upper

83 100

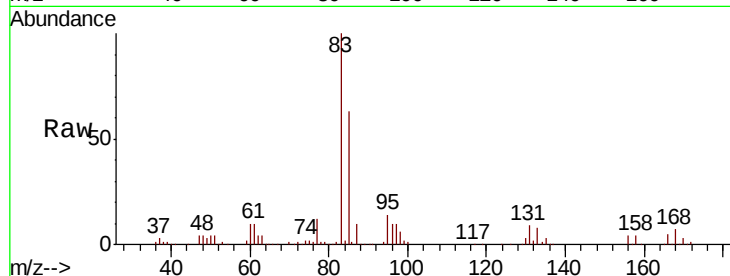
131 9.7 4.7 14.1

85 63.9 32.4 97.0

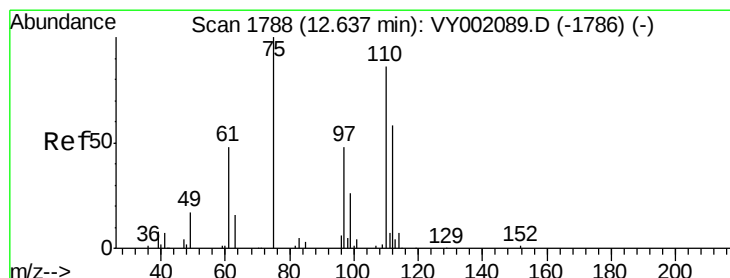
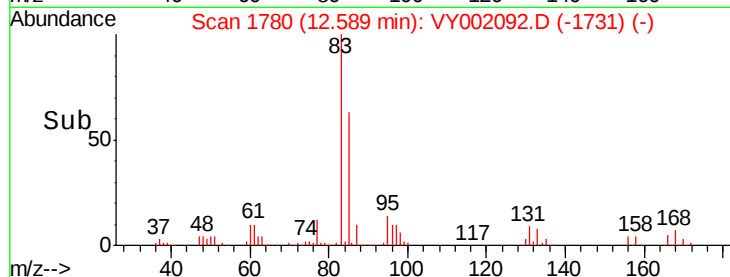
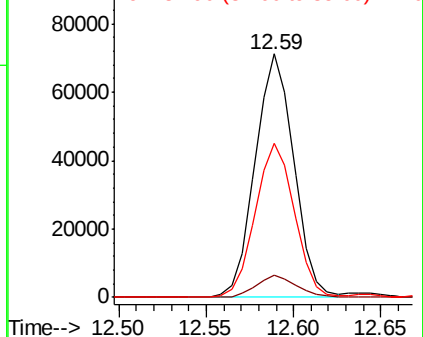
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 53.910 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002092.D

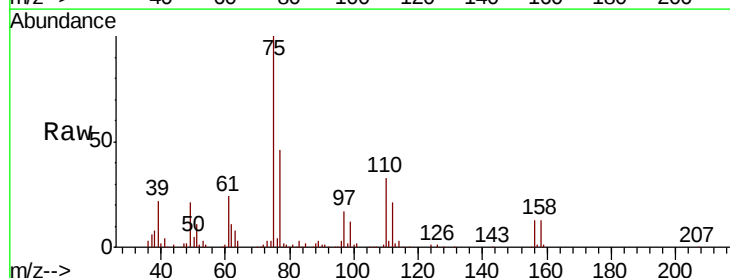
Acq: 26 Mar 2020 18:18

Tgt Ion: 75 Resp: 78384

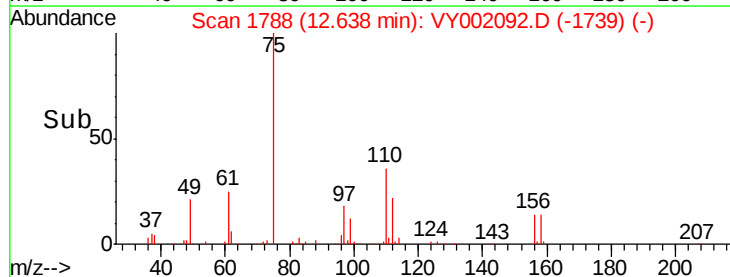
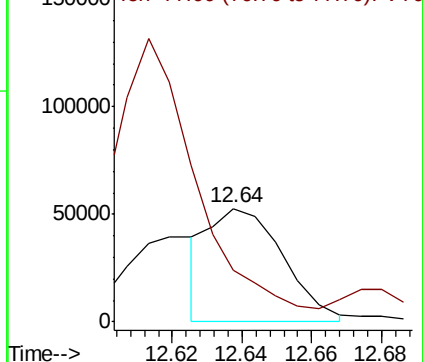
Ion Ratio Lower Upper

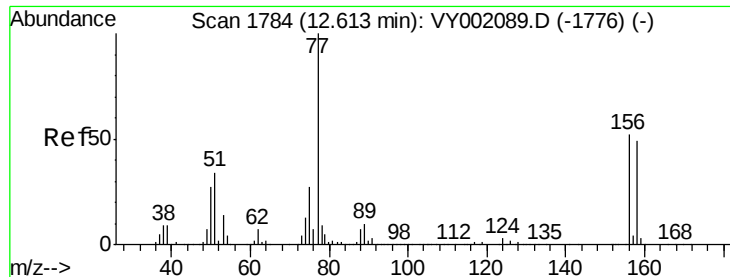
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.419 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

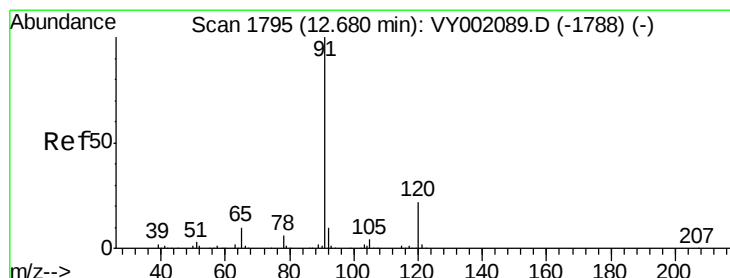
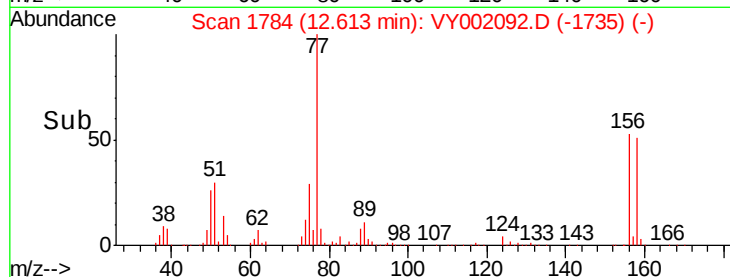
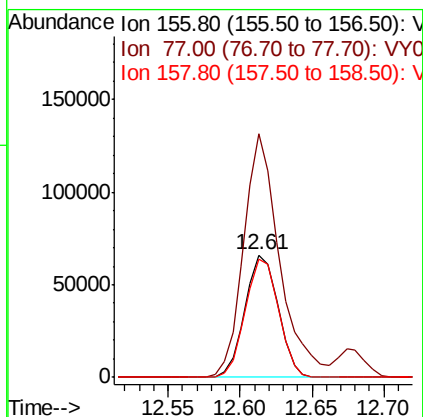
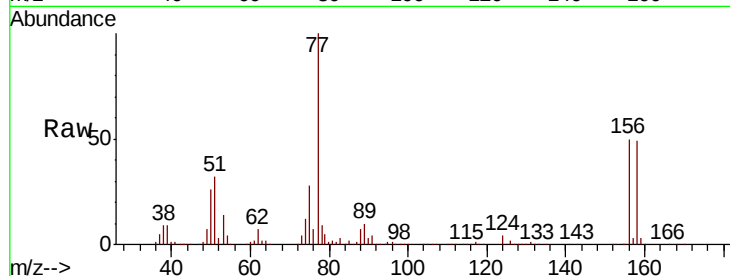
ClientSampleId :

ICVY032620

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	215.5	107.8	323.6	
158	97.0	47.5	142.6	

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#78

n-propylbenzene

Concen: 50.634 ug/l

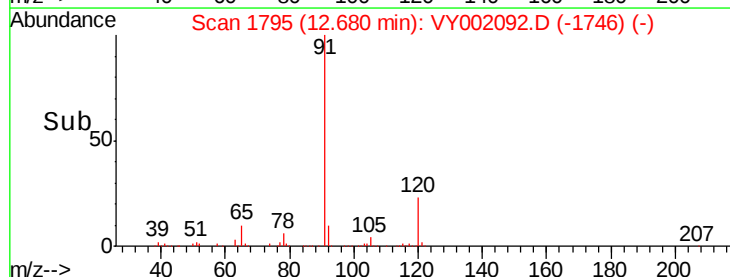
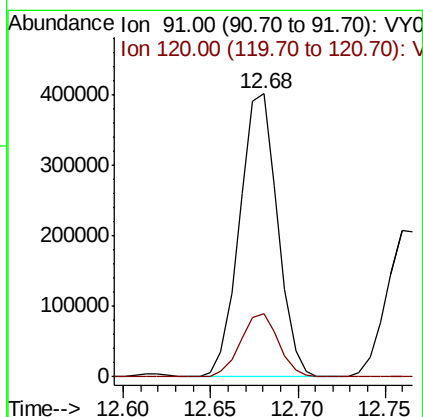
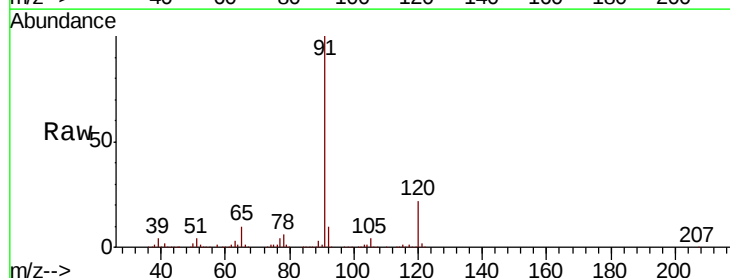
RT: 12.68 min Scan# 1795

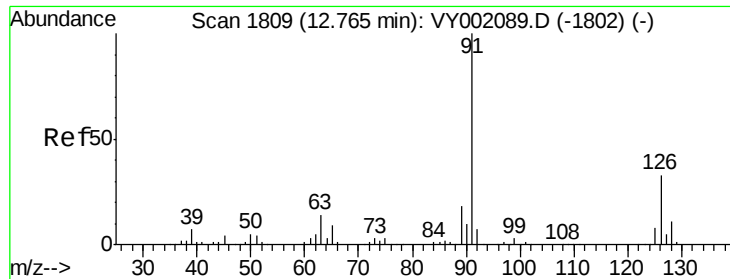
Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.1	33.1	





#79

2-Chlorotoluene

Concen: 51.146 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

ICVY032620

Tot Ion: 91 Resp: 336028

Ion Ratio Lower Upper

91 100

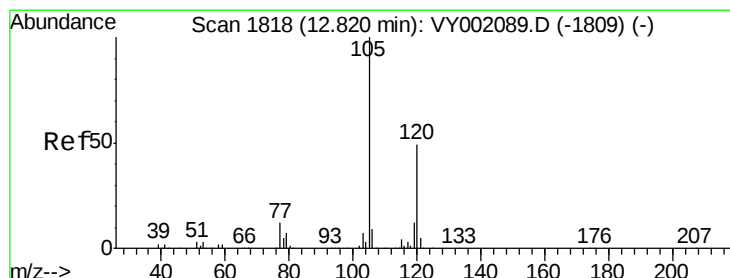
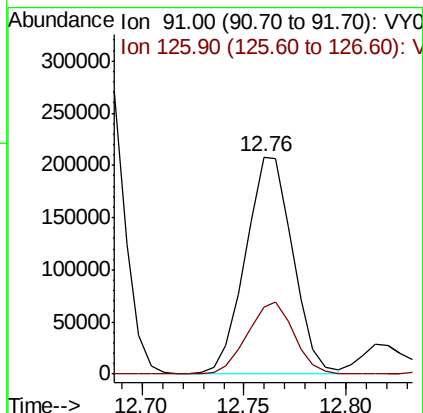
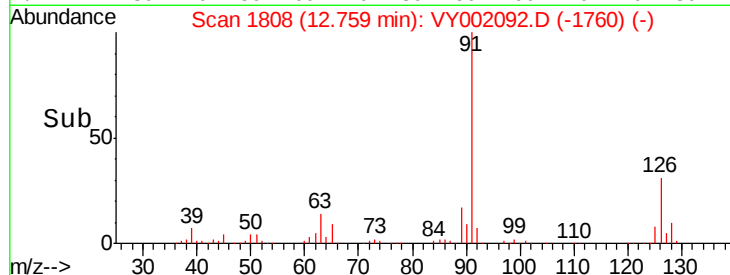
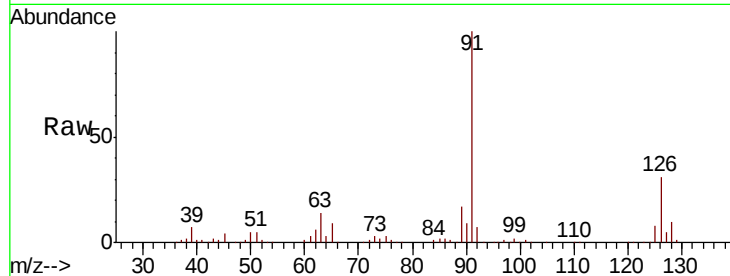
126 32.5 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 51.158 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002092.D

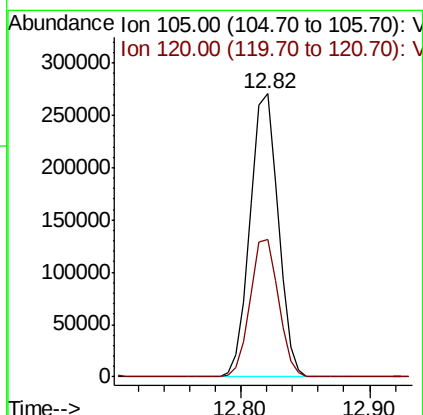
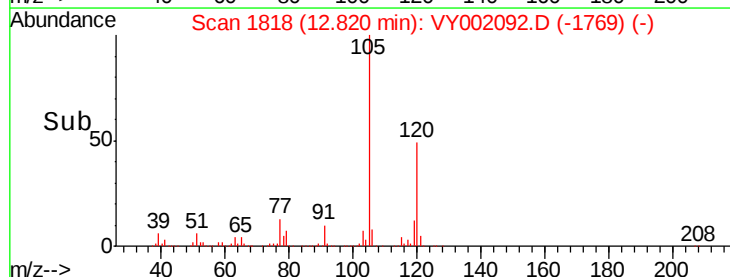
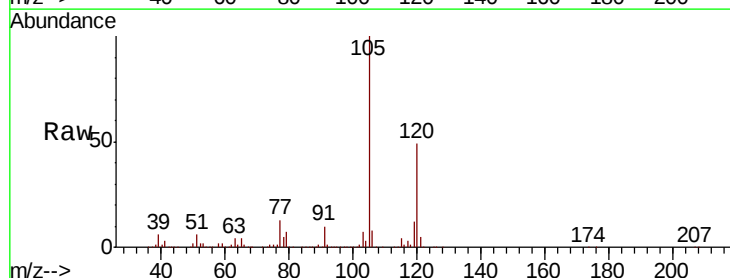
Acq: 26 Mar 2020 18:18

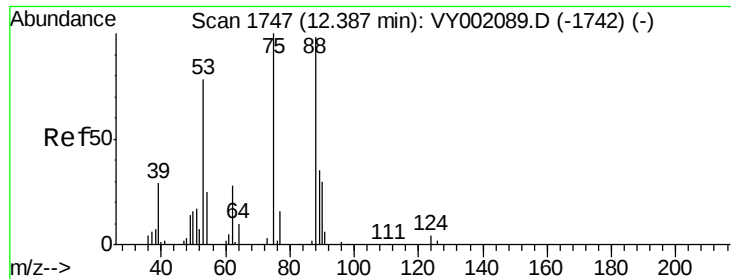
Tgt Ion: 105 Resp: 406974

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.882 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

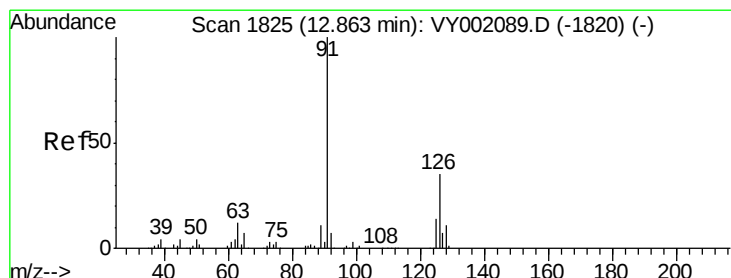
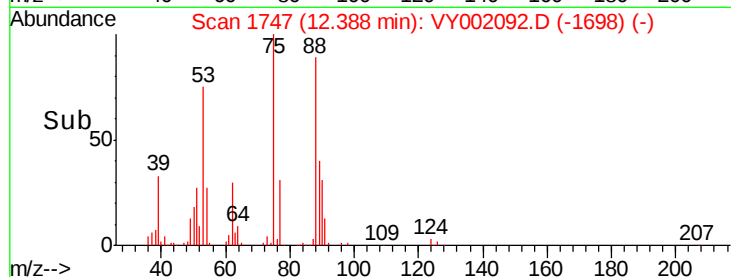
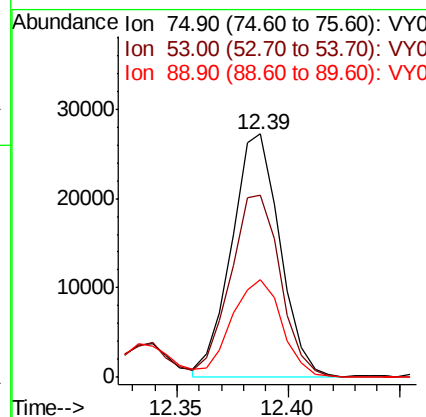
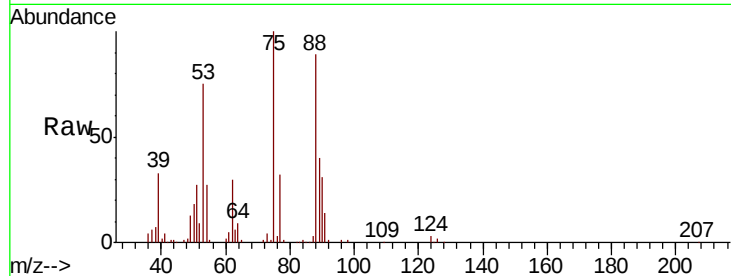
ClientSampleId :

ICVY032620

Tot Ion:	75	Resp:	41189
Ion	Ratio	Lower	Upper
75	100		
53	77.6	65.0	97.4
89	41.9	33.4	50.0

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#82

4-Chlorotoluene

Concen: 50.739 ug/l

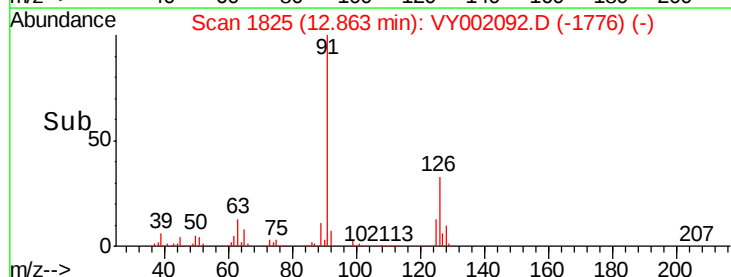
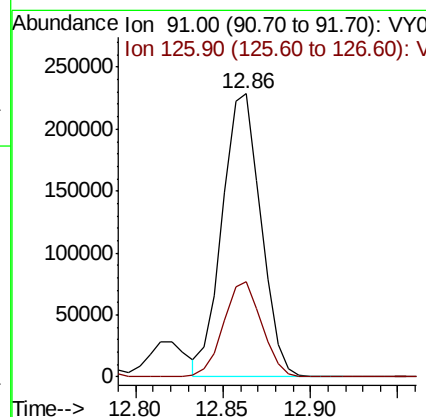
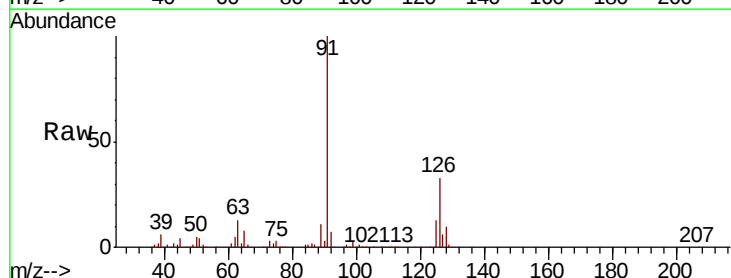
RT: 12.86 min Scan# 1825

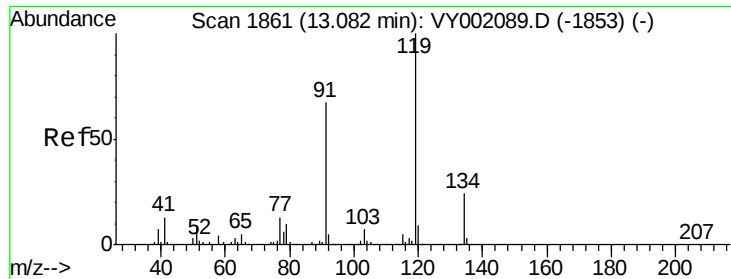
Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion:	91	Resp:	351278
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.9





#83

tert-Butylbenzene

Concen: 51.853 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

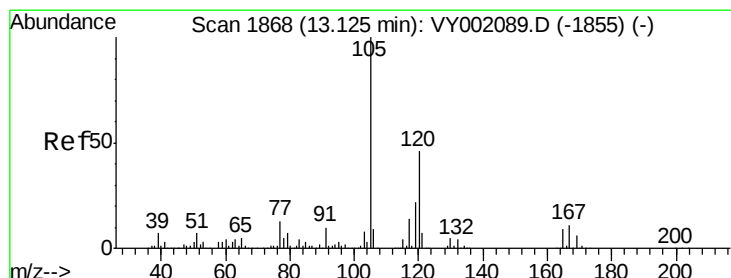
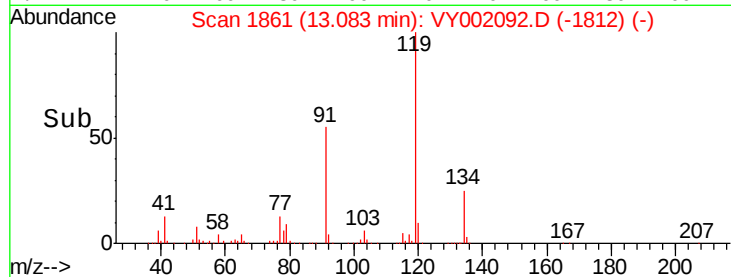
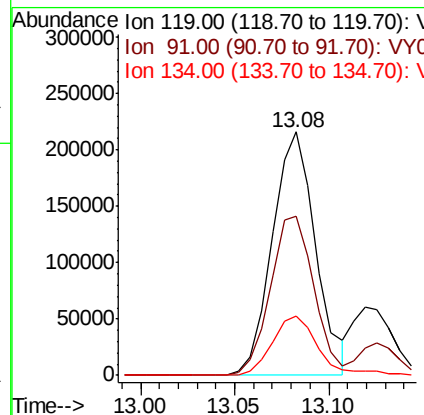
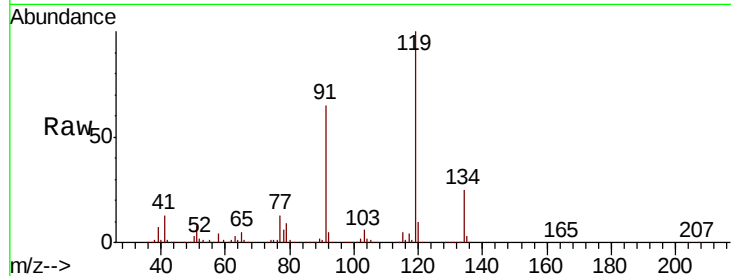
ClientSampleId :

ICVY032620

Tot Ion:	119	Resp:	344322
Ion Ratio	Lower	Upper	
119	100		
91	65.5	32.9	98.6
134	26.1	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 51.189 ug/l

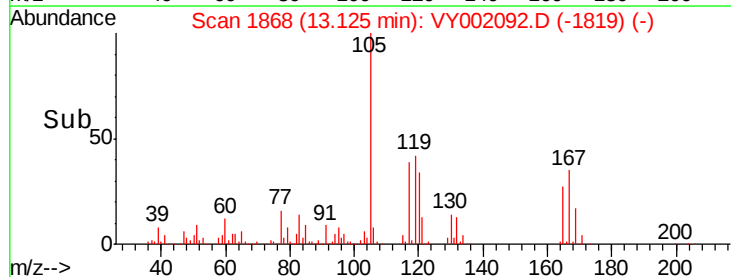
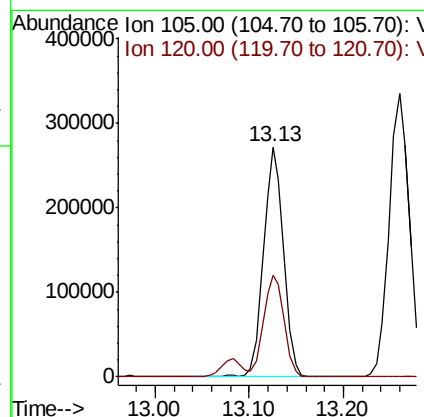
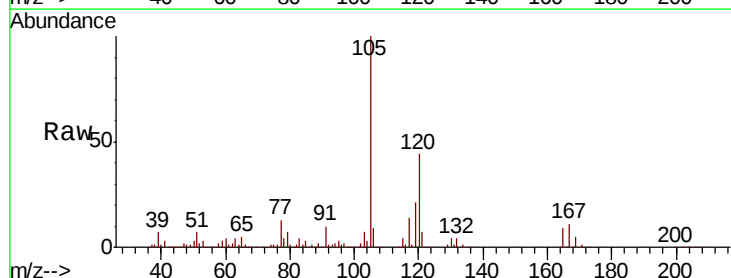
RT: 13.13 min Scan# 1868

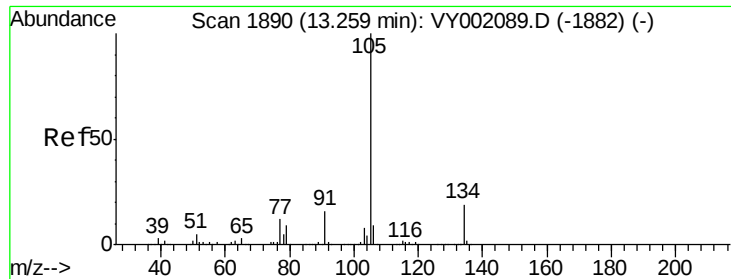
Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion:	105	Resp:	406299
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.9	68.5





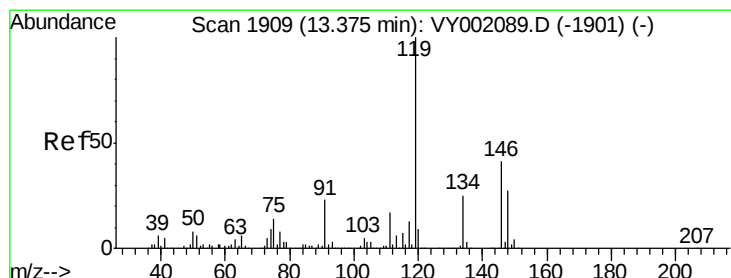
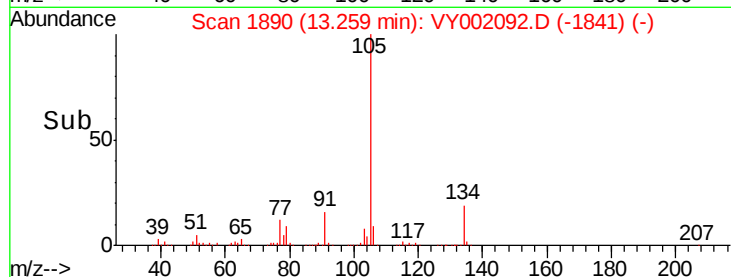
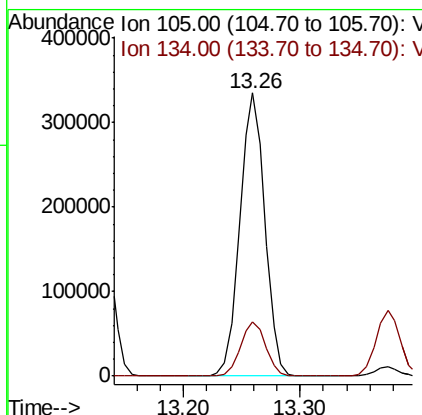
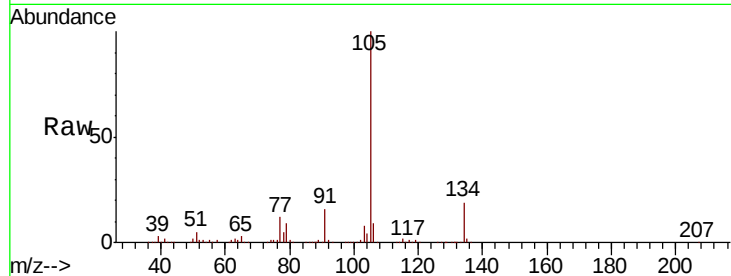
#85
 sec-Butylbenzene
 Concen: 50.887 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

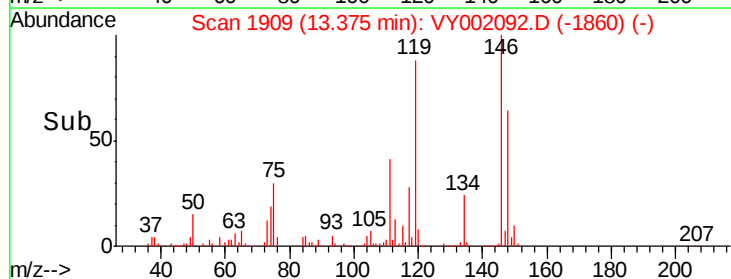
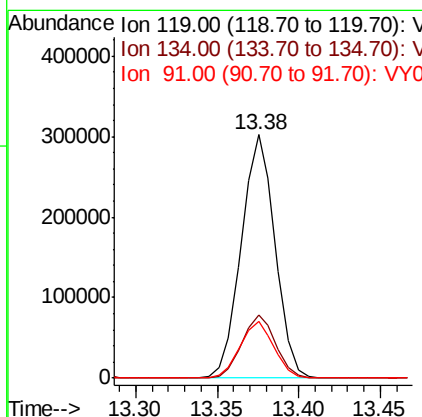
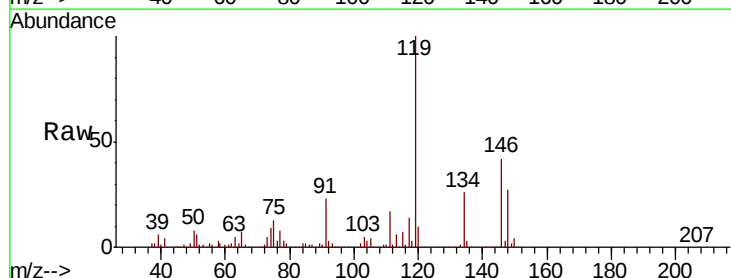
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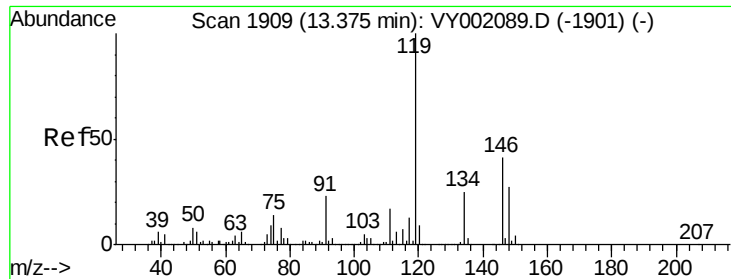
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#86
 p-Isopropyltoluene
 Concen: 51.421 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.2	11.8	35.3





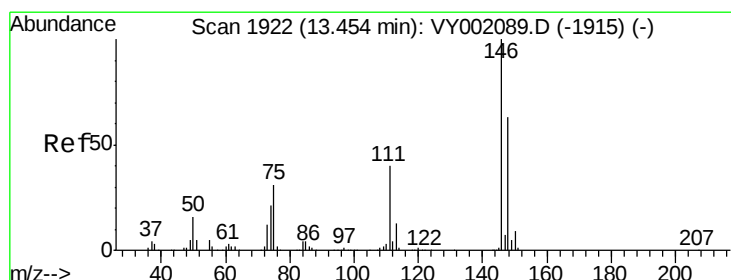
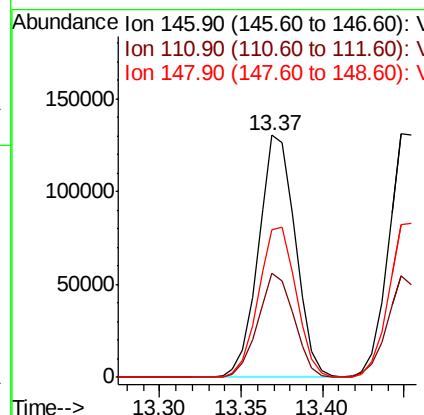
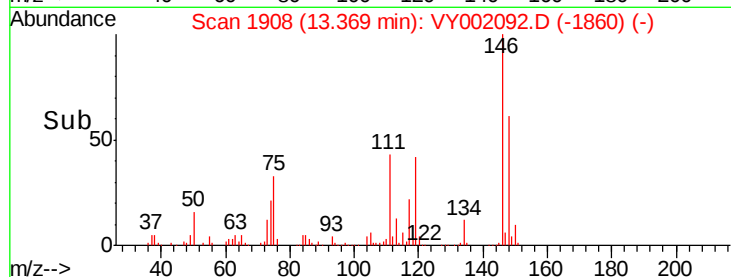
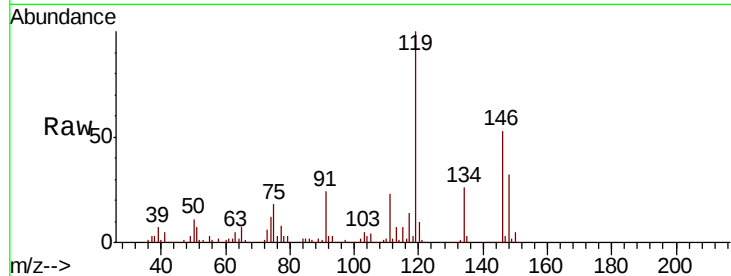
#87
 1,3-Dichlorobenzene
 Concen: 50.887 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Resp	Lower	Upper
146	100	204910		
111	42.2	20.9	62.8	
148	63.3	32.1	96.5	

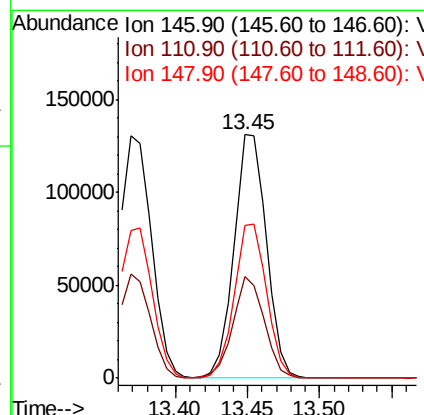
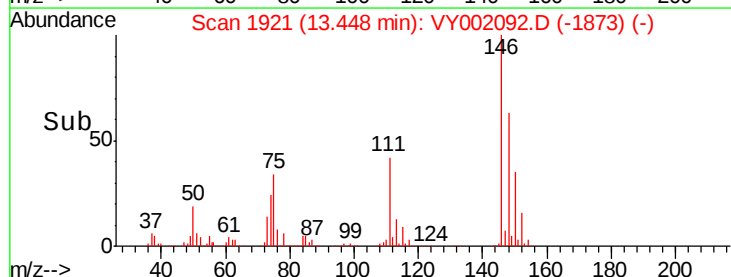
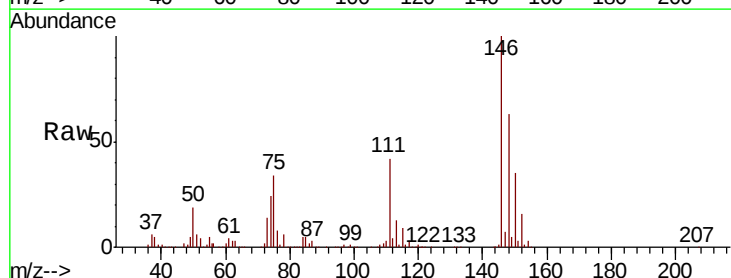
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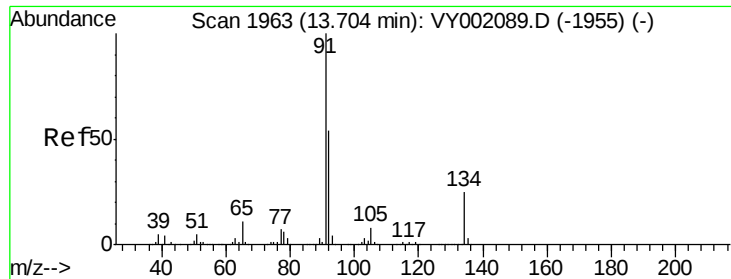
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#88
 1,4-Dichlorobenzene
 Concen: 51.001 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206660		
111	40.4	20.3	60.9	
148	63.2	31.5	94.5	





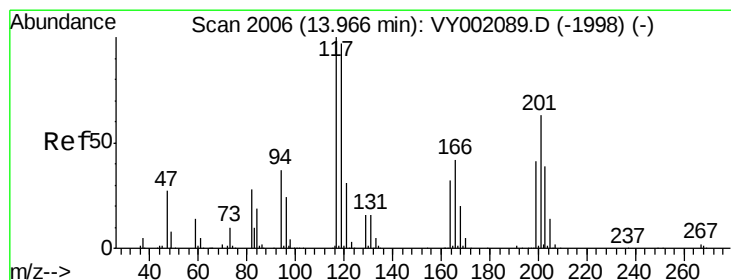
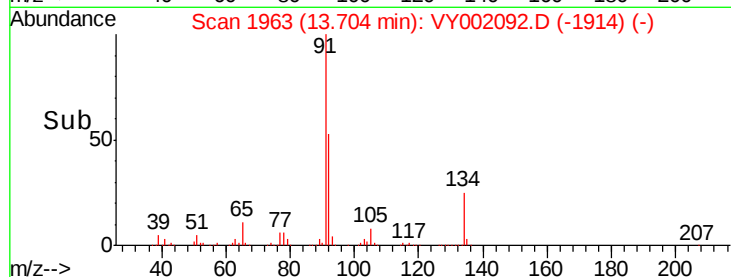
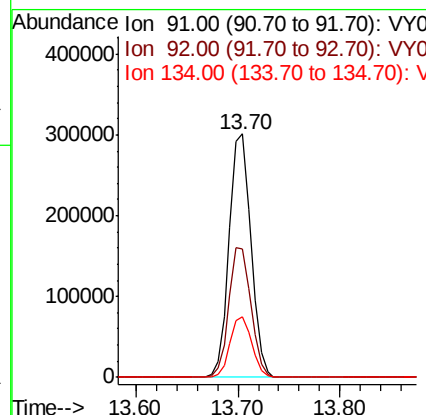
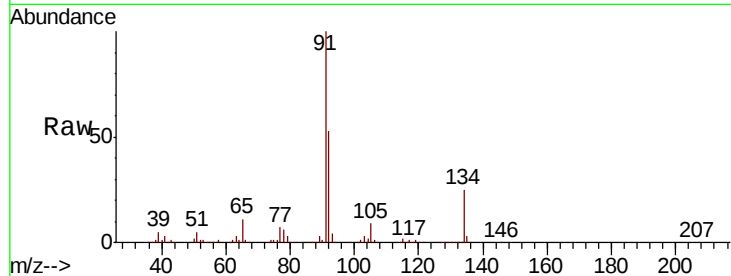
#89
n-Butylbenzene
Concen: 50.715 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
ICVY032620

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	81.0
134	24.7	12.3	36.8

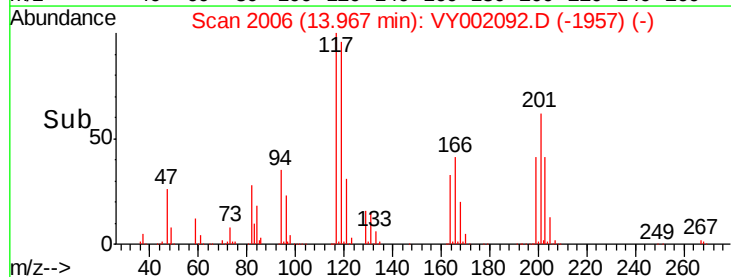
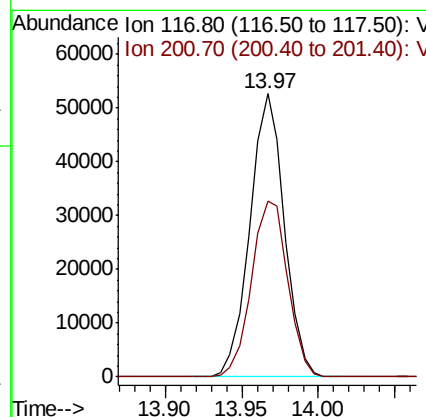
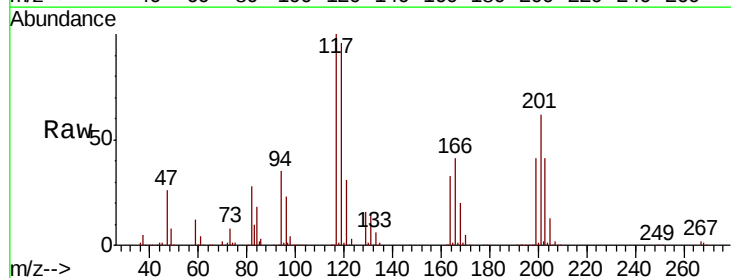
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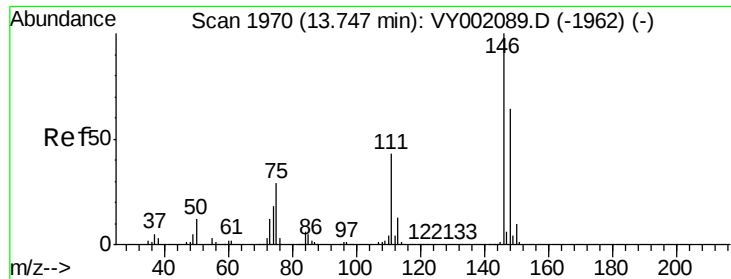
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#90
Hexachloroethane
Concen: 51.567 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	31.6	94.8





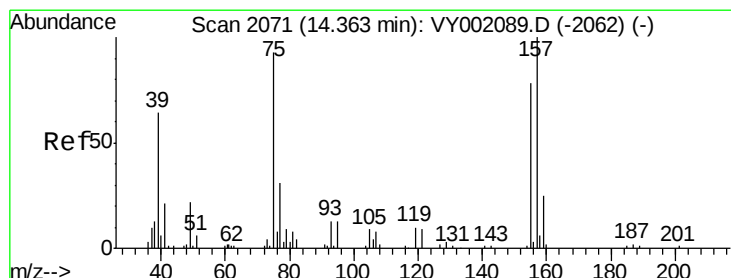
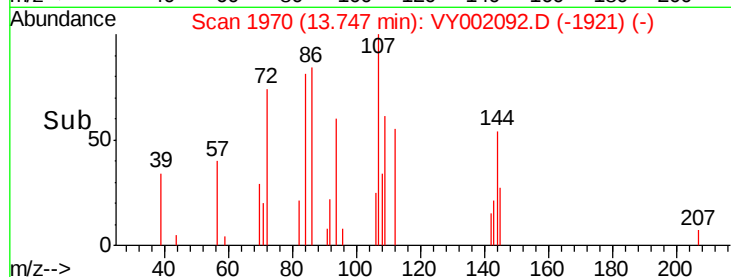
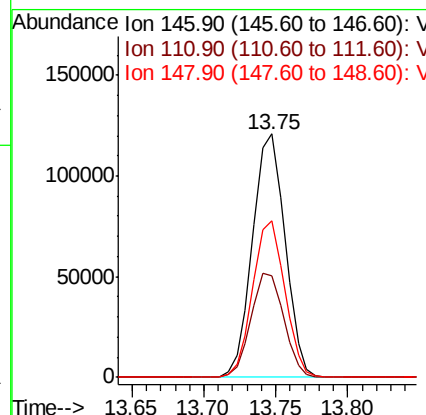
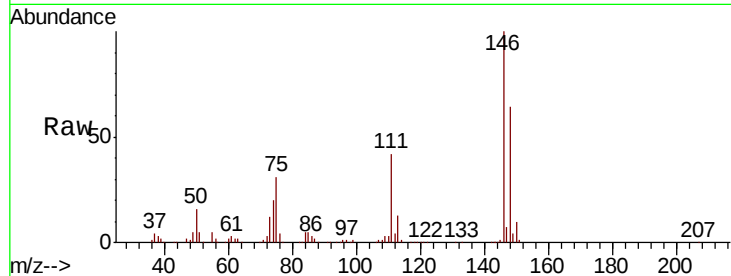
#91
 1,2-Dichlorobenzene
 Concen: 50.840 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.7
148	63.4	31.8	95.4

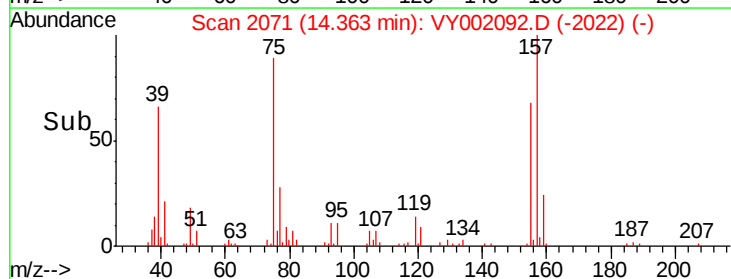
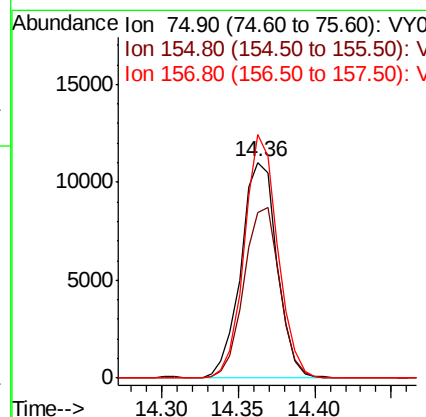
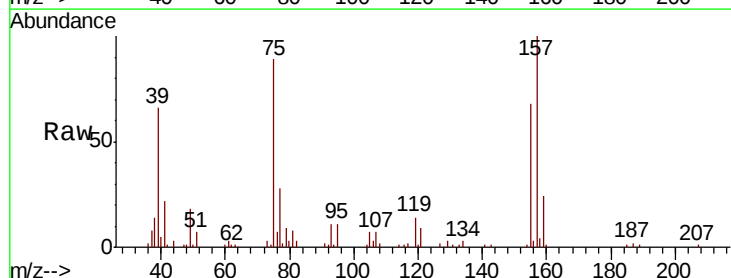
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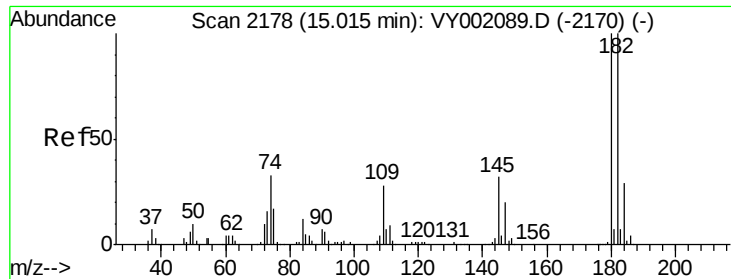
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.425 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	41.6	124.9
157	104.0	53.4	160.3





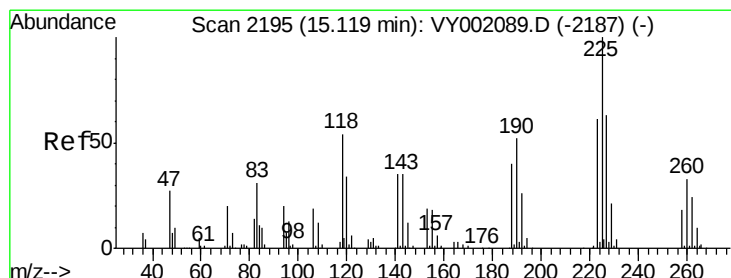
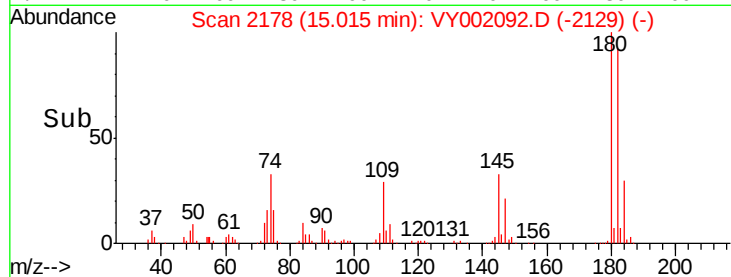
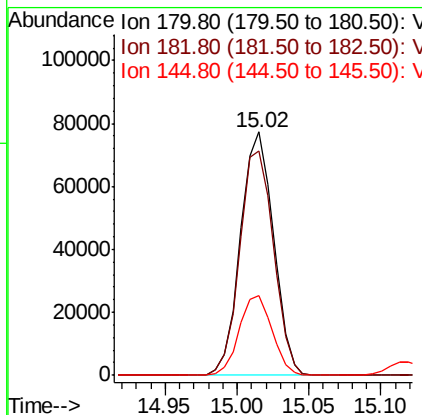
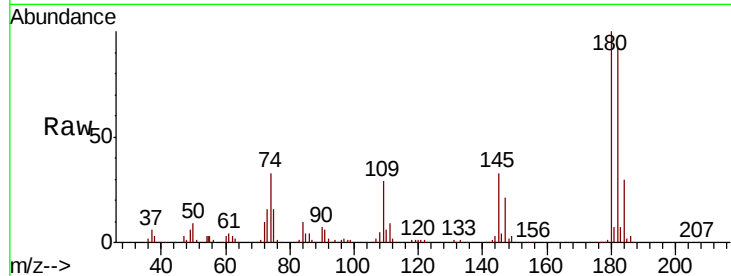
#93
 1,2,4-Trichlorobenzene
 Concen: 51.218 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032620

Tot Ion:	180	Resp:	122760
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.1	144.3
145	32.7	15.9	47.6

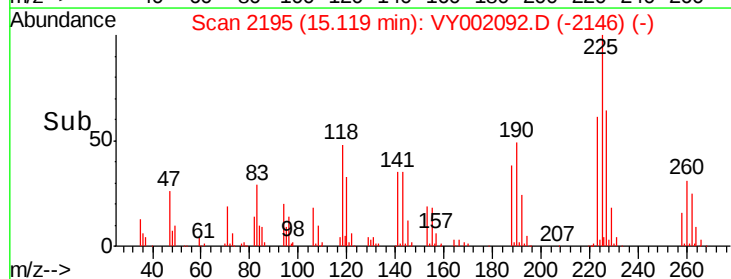
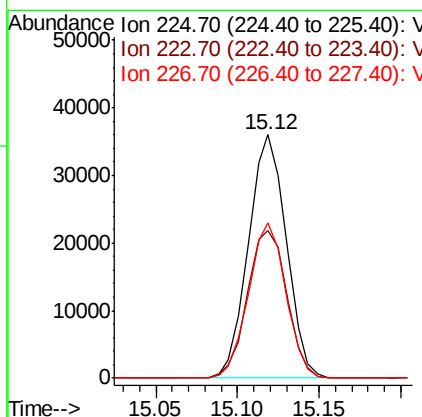
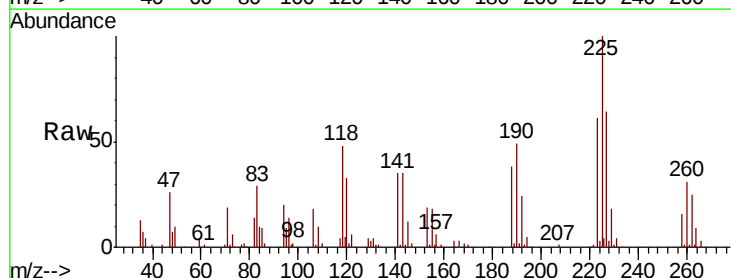
Manual Integrations
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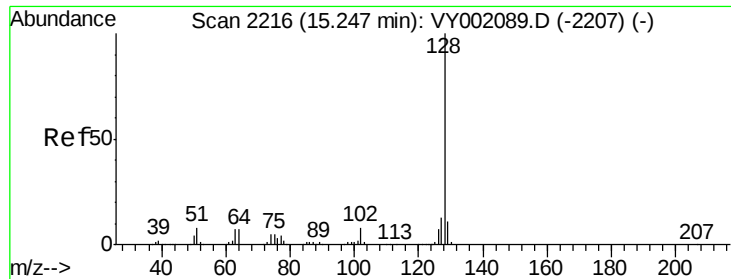
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#94
 Hexachlorobutadiene
 Concen: 49.190 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion:	225	Resp:	58197
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.1	93.3
227	63.1	31.6	94.7





#95

Naphthalene

Concen: 53.226 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

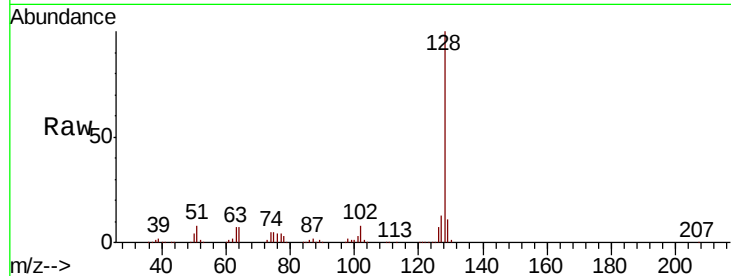
ClientSampleId :

ICVY032620

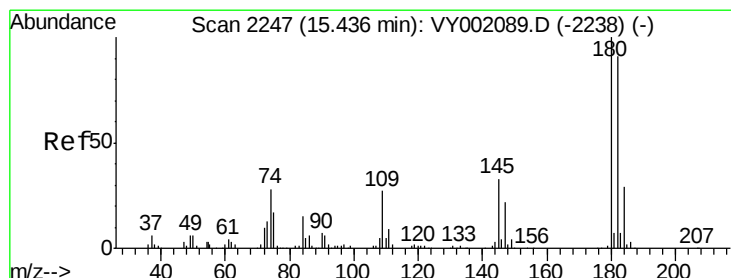
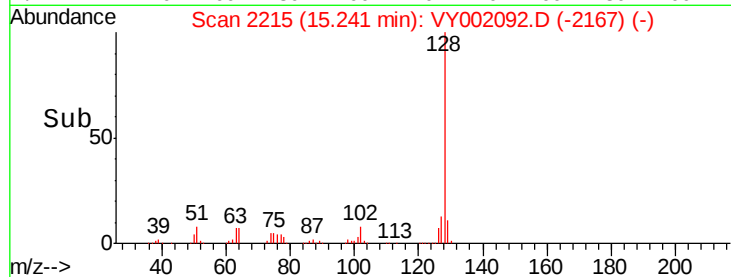
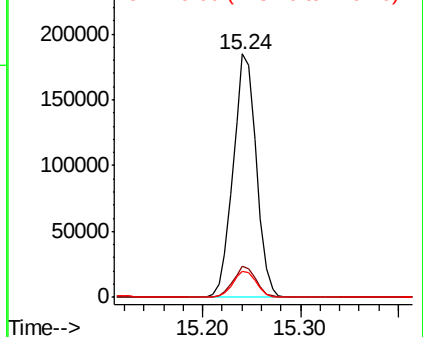
Tot Ion:	128	Resp:	303006
Ion Ratio		Lower	Upper
128	100		
127	12.7	9.8	14.8
129	11.0	8.6	13.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.803 ug/l

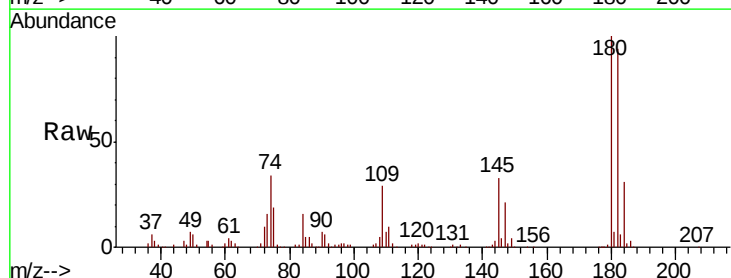
RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion:	180	Resp:	110421
Ion Ratio		Lower	Upper
180	100		
182	94.2	46.8	140.3
145	34.2	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

