

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002090.D
 Acq On : 26 Mar 2020 16:52
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 3/27/2020 4:15:16 PM

Quant Time: Mar 27 06:52:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	160940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	297325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	186371	107.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.54%	
35) Dibromofluoromethane	7.74	113	178233	109.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.32%	
50) Toluene-d8	10.19	98	735981	106.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.60%	
62) 4-Bromofluorobenzene	12.49	95	253073	105.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	100020	70.979	ug/l	100
3) Chloromethane	2.12	50	169117	86.432	ug/l	99
4) Vinyl Chloride	2.26	62	182986	91.952	ug/l	99
5) Bromomethane	2.65	94	118765	89.093	ug/l	99
6) Chloroethane	2.80	64	122513	96.784	ug/l	100
7) Trichlorofluoromethane	3.14	101	257264	94.458	ug/l	97
8) Diethyl Ether	3.55	74	109592	101.244	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	171990	97.718	ug/l	98
10) Methyl Iodide	4.11	142	223848	110.133	ug/l	100
11) Tert butyl alcohol	4.98	59	87278	417.398	ug/l	98
12) 1,1-Dichloroethene	3.89	96	176603	99.689	ug/l	99
13) Acrolein	3.75	56	150145	597.101	ug/l	99
14) Allyl chloride	4.50	41	327944	103.400	ug/l	98
15) Acrylonitrile	5.19	53	286045	494.177	ug/l	99
16) Acetone	3.97	43	230026	462.924	ug/l	96
17) Carbon Disulfide	4.21	76	592019	99.551	ug/l	98
18) Methyl Acetate	4.50	43	124693	97.708	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	496539	102.797	ug/l	100
20) Methylene Chloride	4.74	84	206360	96.538	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	206172	102.077	ug/l	96
22) Diisopropyl ether	6.14	45	666688	102.430	ug/l	98
23) Vinyl Acetate	6.08	43	2168415	509.561	ug/l	98
24) 1,1-Dichloroethane	6.04	63	359438	102.323	ug/l	99
25) 2-Butanone	7.00	43	366215	484.416	ug/l	98
26) 2,2-Dichloropropane	7.00	77	292027	101.063	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	227524	103.447	ug/l	99
28) Bromochloromethane	7.35	49	168836	105.300	ug/l	99
29) Tetrahydrofuran	7.36	42	243073	483.059	ug/l	99
30) Chloroform	7.53	83	341973	103.670	ug/l	98
31) Cyclohexane	7.80	56	359967	95.844	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	288826	104.033	ug/l	99
36) 1,1-Dichloropropene	7.93	75	284924	100.438	ug/l	99
37) Ethyl Acetate	7.10	43	158504	96.402	ug/l	98
38) Carbon Tetrachloride	7.91	117	245342	100.959	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	376325	99.847	ug/l	99
40) Benzene	8.17	78	849911	100.924	ug/l	99
41) Methacrylonitrile	7.33	41	68755m	89.758	ug/l	
42) 1,2-Dichloroethane	8.25	62	218604	100.613	ug/l	99
43) Isopropyl Acetate	8.28	43	308954	98.867	ug/l	99
44) Trichloroethene	8.95	130	203044	98.885	ug/l	94
45) 1,2-Dichloropropane	9.22	63	217631	102.579	ug/l	100
46) Dibromomethane	9.31	93	111075	101.599	ug/l	100
47) Bromodichloromethane	9.50	83	268809	105.580	ug/l	99
48) Methyl methacrylate	9.30	41	139496	101.345	ug/l	98
49) 1,4-Dioxane	9.31	88	29448	1973.639	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	785409	488.222	ug/l	99
52) Toluene	10.25	92	525290	102.742	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	297973	107.524	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	346758	105.109	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	161468	100.730	ug/l	96
56) Ethyl methacrylate	10.52	69	245109	105.113	ug/l	96
57) 1,3-Dichloropropane	10.80	76	287134	100.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	607818	611.342	ug/l	100
59) 2-Hexanone	10.84	43	544943	475.809	ug/l	98
60) Dibromochloromethane	10.99	129	179642	106.849	ug/l	100
61) 1,2-Dibromoethane	11.10	107	153941	101.645	ug/l	99
64) Tetrachloroethene	10.72	164	165126	99.364	ug/l	95
65) Chlorobenzene	11.52	112	528220	100.655	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	177320	102.871	ug/l	99
67) Ethyl Benzene	11.60	91	989771	100.964	ug/l	100
68) m/p-Xylenes	11.70	106	731239	202.111	ug/l	100
69) o-Xylene	12.03	106	346332	101.465	ug/l	99
70) Styrene	12.05	104	607668	103.868	ug/l	99
71) Bromoform	12.21	173	100310	107.491	ug/l #	100
73) Isopropylbenzene	12.33	105	938503	103.119	ug/l	100
74) N-amyl acetate	12.15	43	277519	99.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	193723	98.993	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	131865m	91.999	ug/l	
77) Bromobenzene	12.61	156	198391	102.481	ug/l	99
78) n-propylbenzene	12.67	91	1159305	103.132	ug/l	99
79) 2-Chlorotoluene	12.76	91	639090	102.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	764381	101.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	73369	105.003	ug/l	97
82) 4-Chlorotoluene	12.86	91	667007	103.045	ug/l	100
83) tert-Butylbenzene	13.08	119	652903	104.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	758202	101.822	ug/l	99
85) sec-Butylbenzene	13.26	105	942257	102.425	ug/l	100
86) p-Isopropyltoluene	13.38	119	805454	101.448	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	374663	99.040	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	382603	99.772	ug/l	99
89) n-Butylbenzene	13.70	91	837357	101.609	ug/l	100
90) Hexachloroethane	13.97	117	158411	105.789	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	351672	101.939	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30071	98.289	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	229453	103.056	ug/l	97
94) Hexachlorobutadiene	15.12	225	109507	100.273	ug/l	100
95) Naphthalene	15.24	128	538171	101.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	201464	102.248	ug/l	98

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

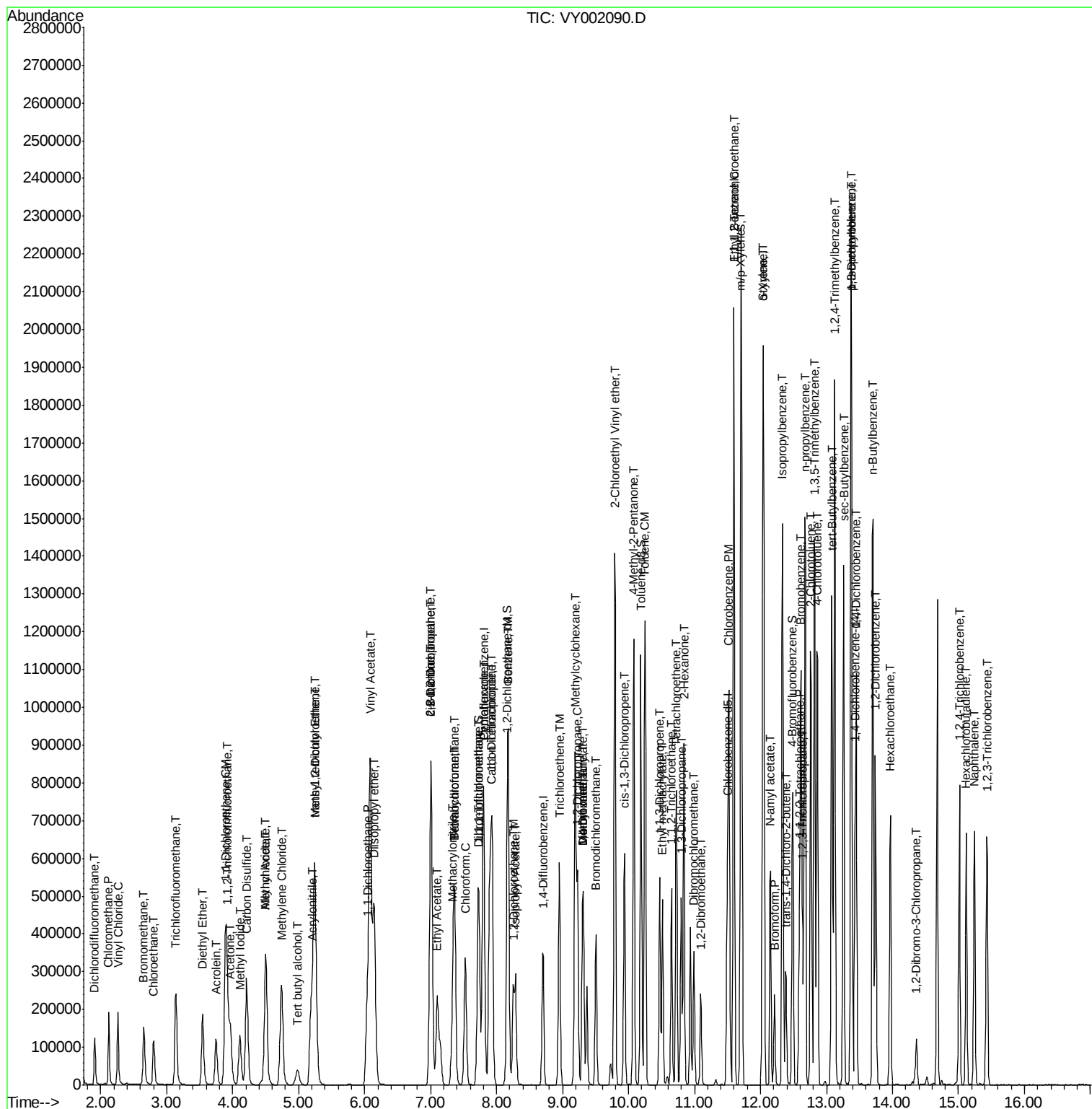
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Data File : VY002090.D
Acq On : 26 Mar 2020 16:52
Operator : SY/MD
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

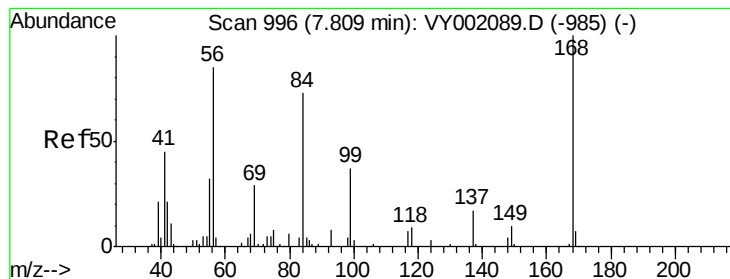
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 160940

Ion Ratio Lower Upper

168 100

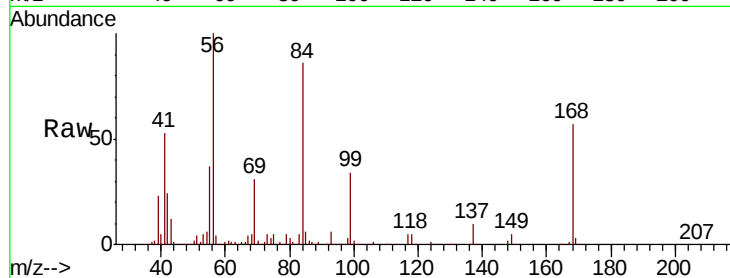
99 59.2 47.6 71.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.81

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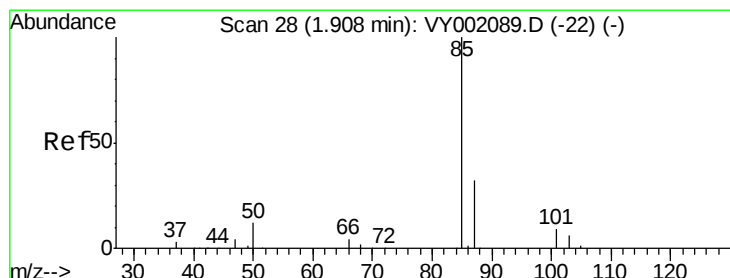
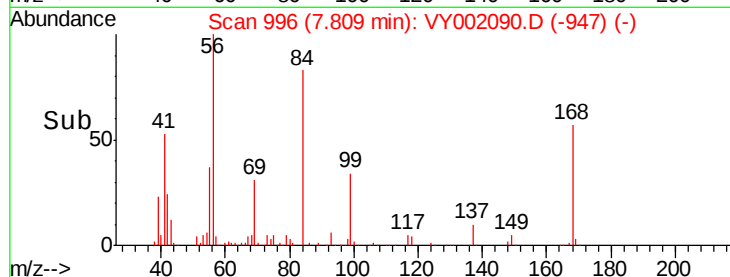
7.81

7.81

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7.81



#2

Dichlorodifluoromethane

Concen: 70.979 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002090.D

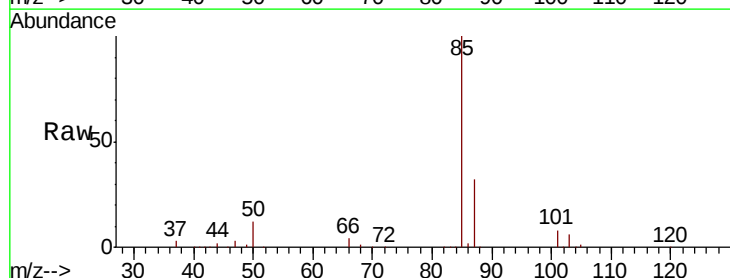
Acq: 26 Mar 2020 16:52

Tgt Ion: 85 Resp: 100020

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

1.91

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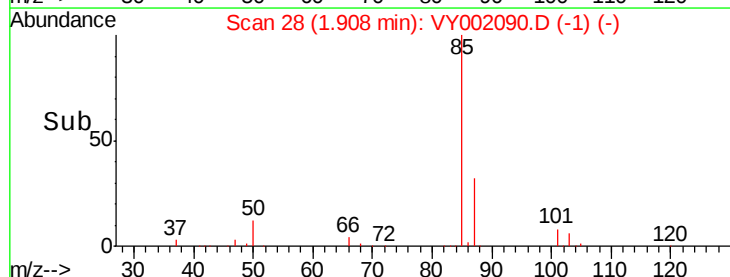
1.91

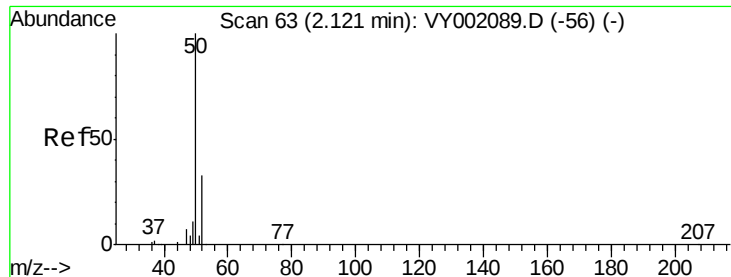
1.91

1.91

1.91

1.91





#3

Chloromethane

Concen: 86.432 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 169117

Ion Ratio Lower Upper

50 100

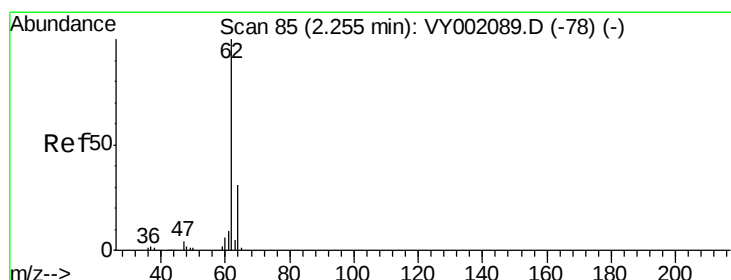
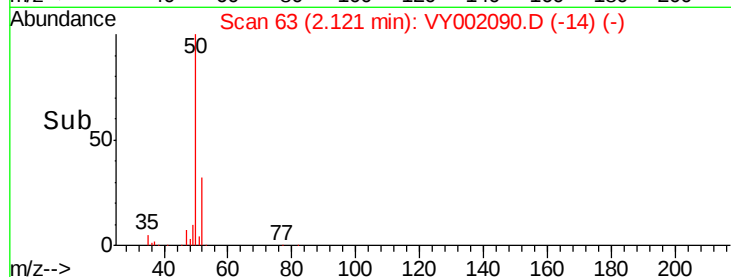
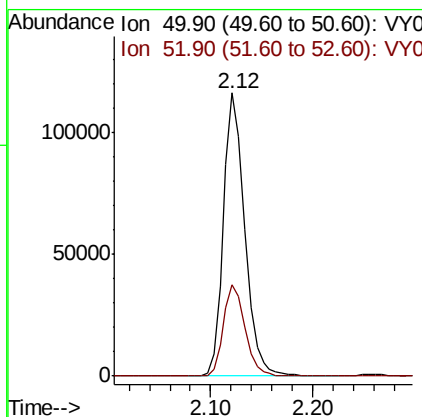
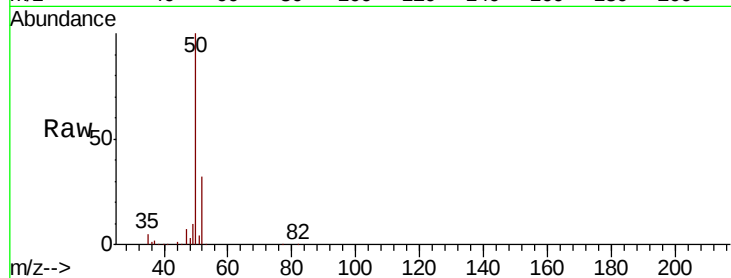
52 32.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 91.952 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002090.D

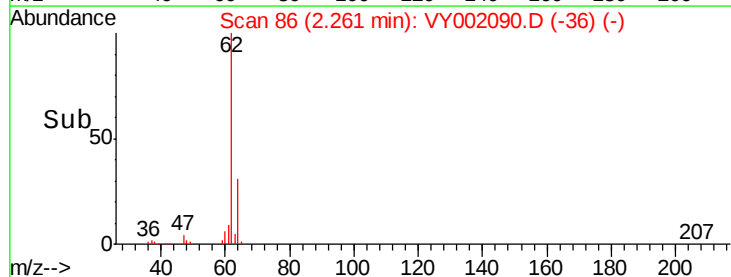
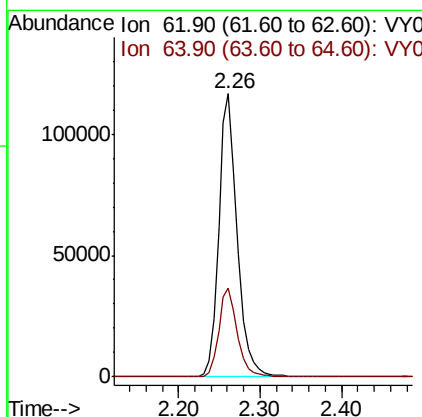
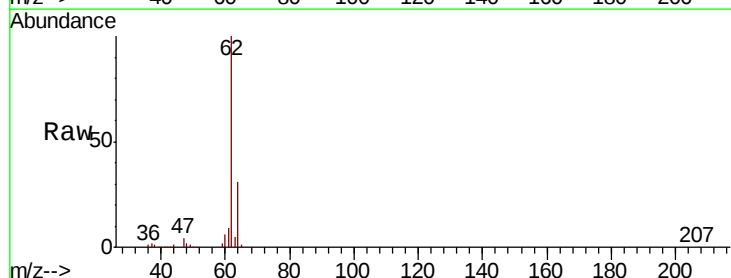
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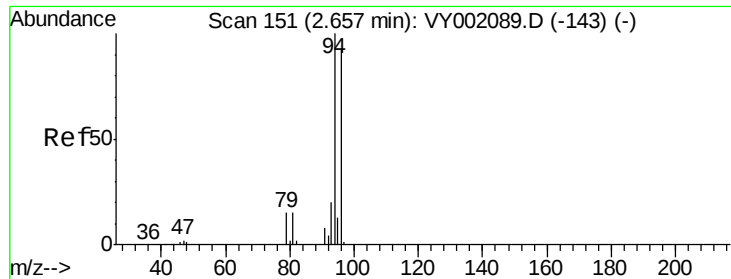
Tgt Ion: 62 Resp: 182986

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 89.093 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 118765

Ion Ratio Lower Upper

94 100

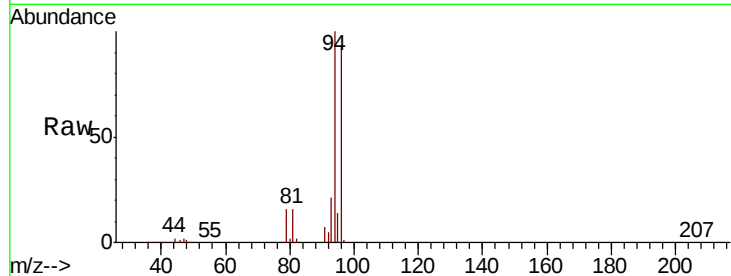
96 93.1 74.1 111.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

30000

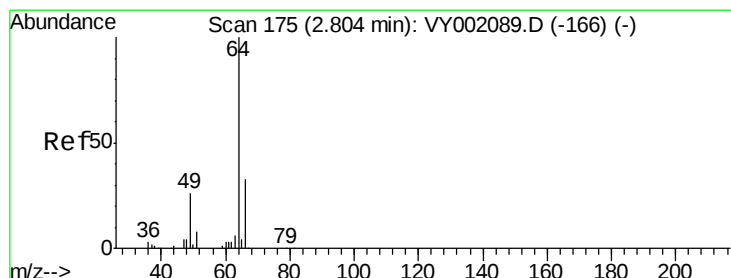
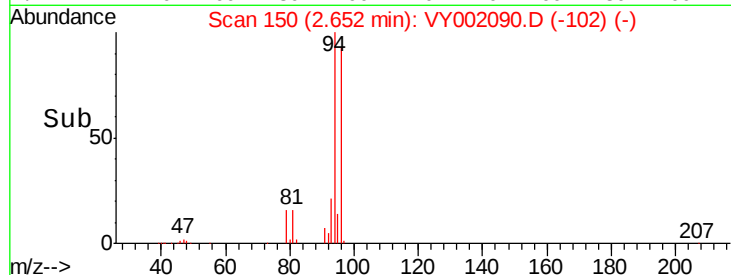
20000

10000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 96.784 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002090.D

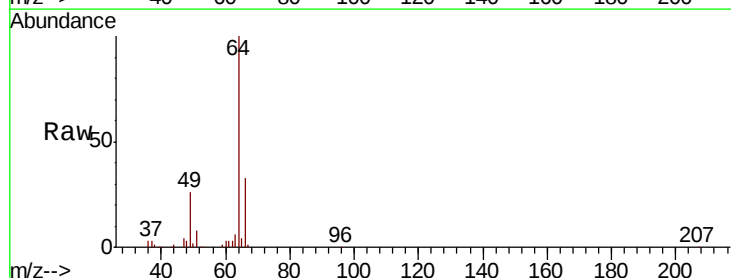
Acq: 26 Mar 2020 16:52

Tgt Ion: 64 Resp: 122513

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

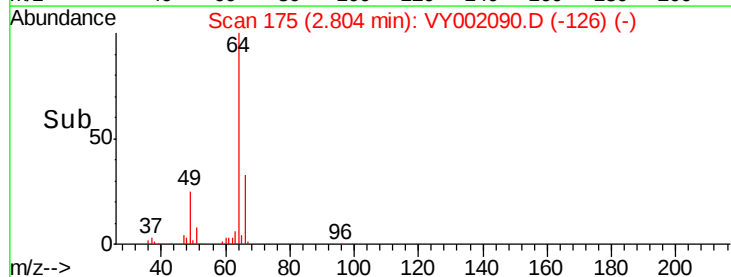
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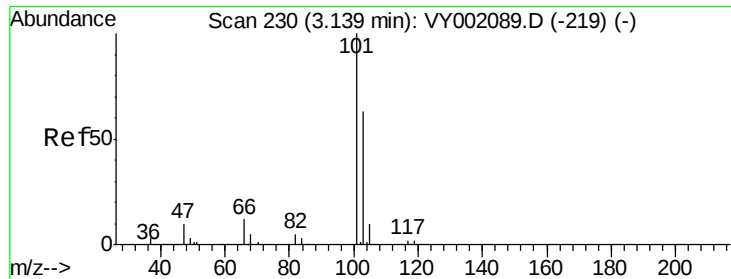
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Time-->

2.70 2.80 2.90





#7

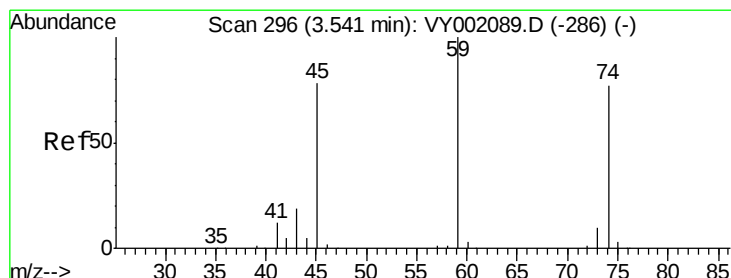
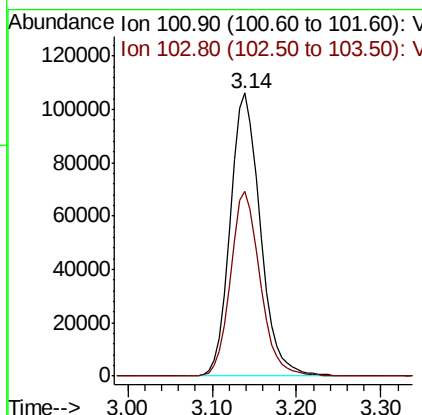
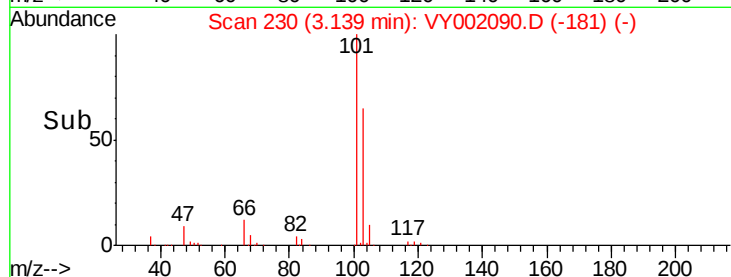
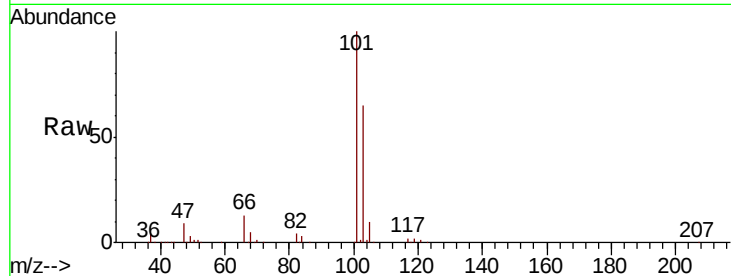
Trichlorofluoromethane
 Concen: 94.458 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.6	76.0

Manual Integrations
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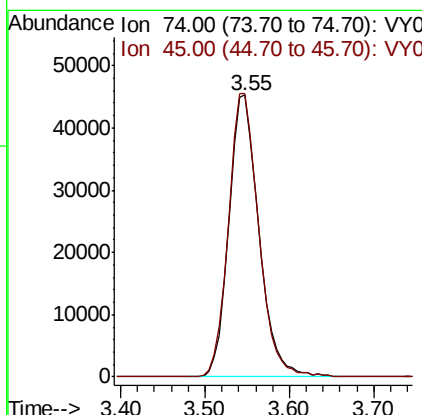
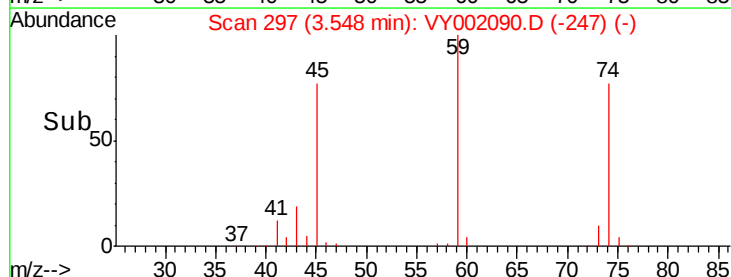
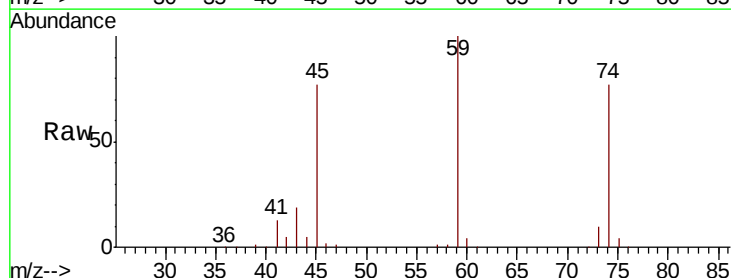
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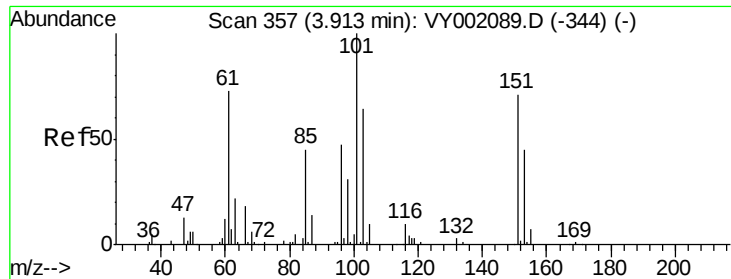


#8

Diethyl Ether
 Concen: 101.244 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.718 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

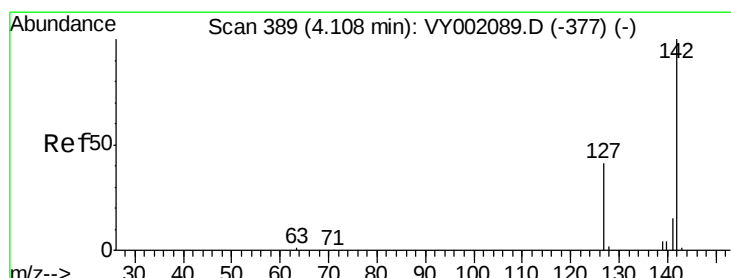
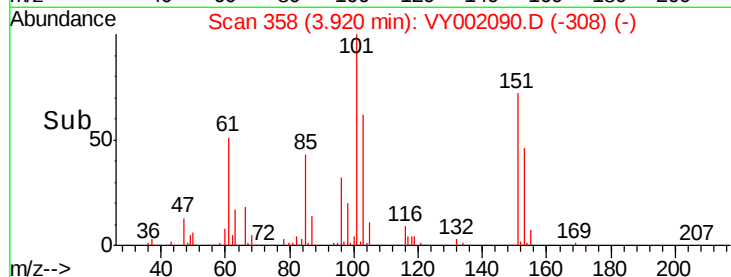
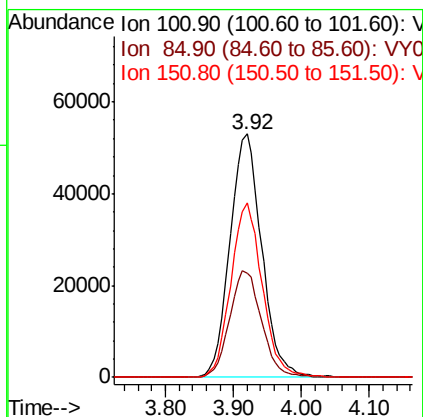
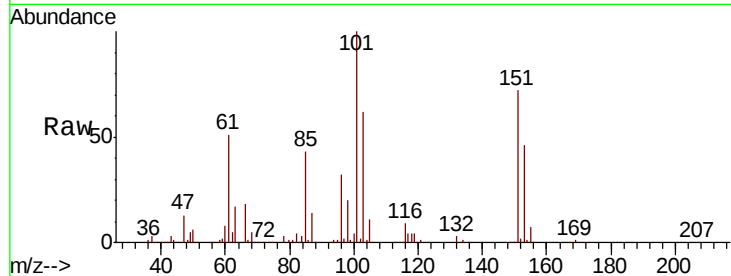
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	171990
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.9	53.9
151	70.7	57.5	86.3

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#10

Methyl Iodide

Concen: 110.133 ug/l

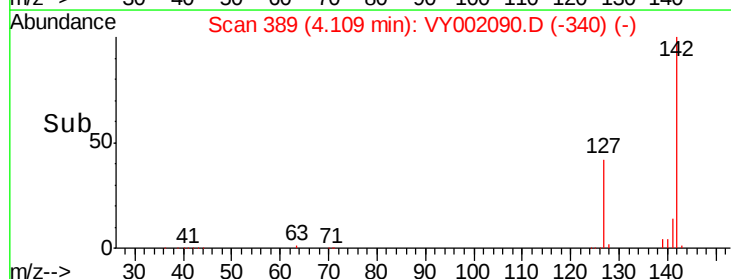
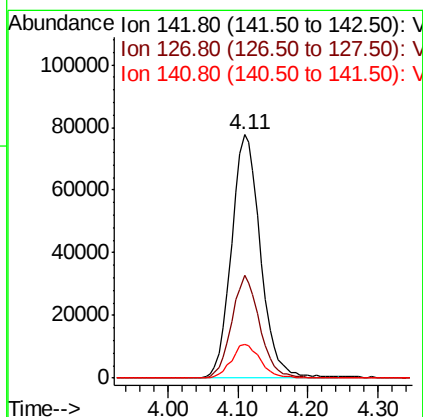
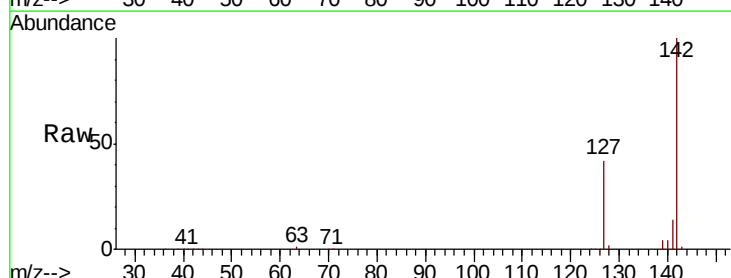
RT: 4.11 min Scan# 389

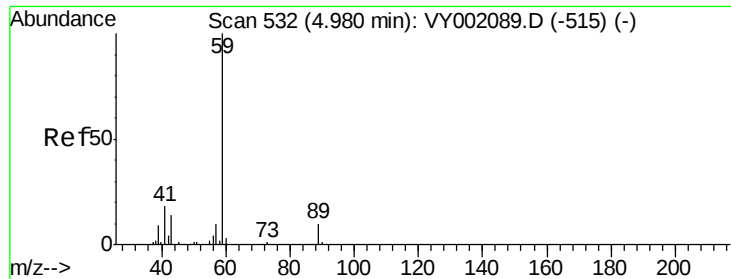
Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion:	142	Resp:	223848
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.6	49.0
141	14.0	11.4	17.0





#11

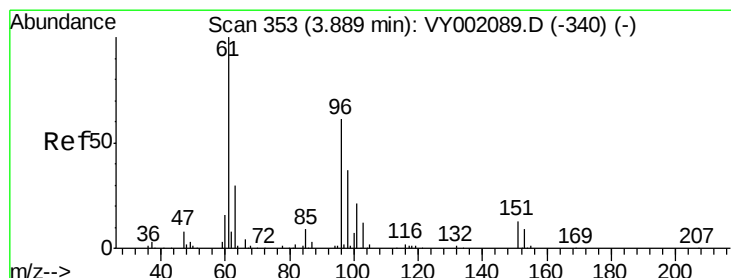
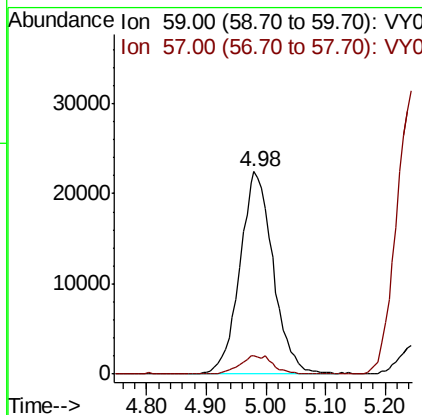
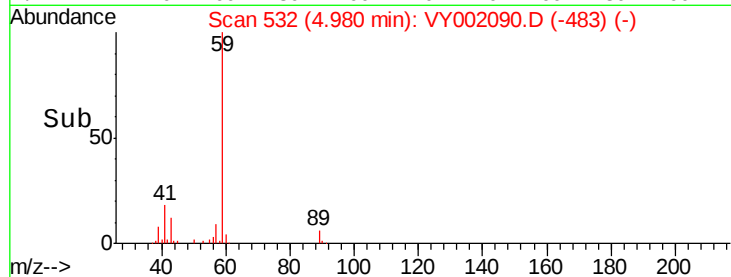
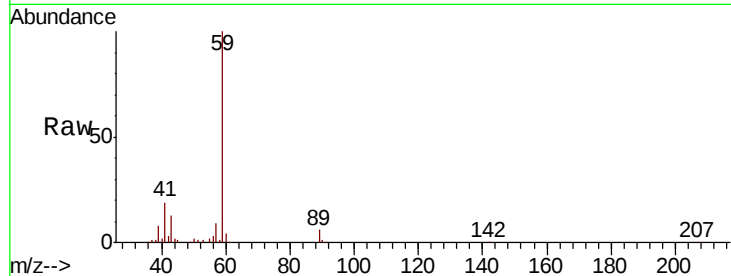
Tert butyl alcohol
Concen: 417.398 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	59	Resp	87278
Ion Ratio	100	Lower	Upper
57	9.0	7.7	11.5

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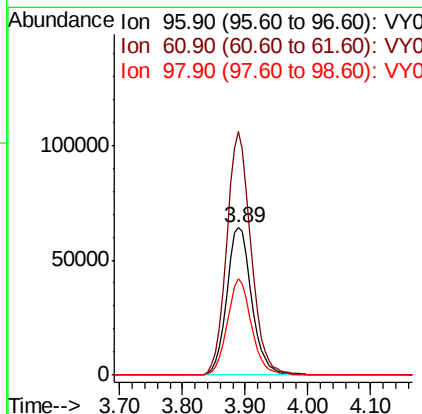
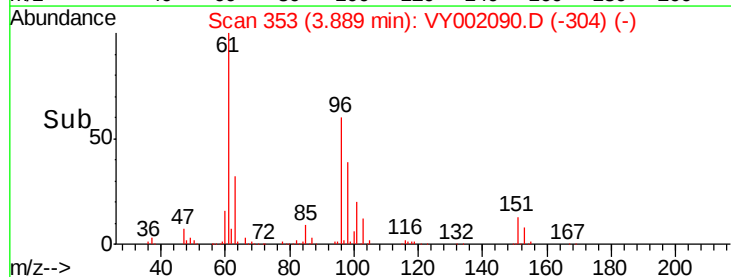
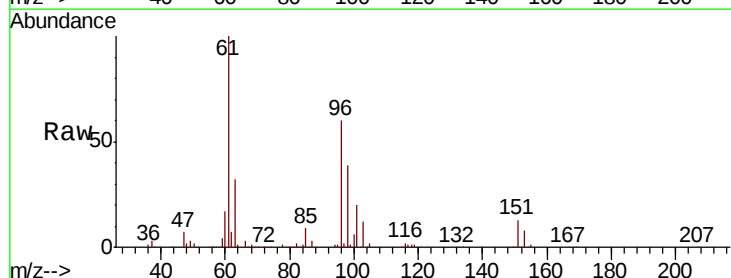
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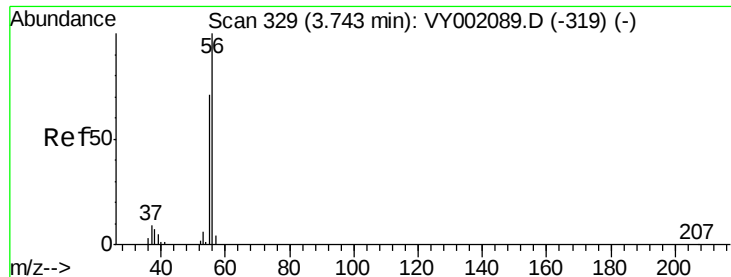


#12

1,1-Dichloroethene
Concen: 99.689 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	96	Resp	176603
Ion Ratio	100	Lower	Upper
61	165.4	132.0	198.0
98	65.2	49.4	74.0





#13

Acrolein

Concen: 597.101 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 150145

Ion Ratio Lower Upper

56 100

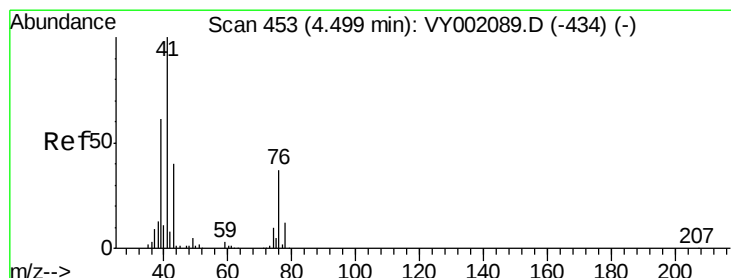
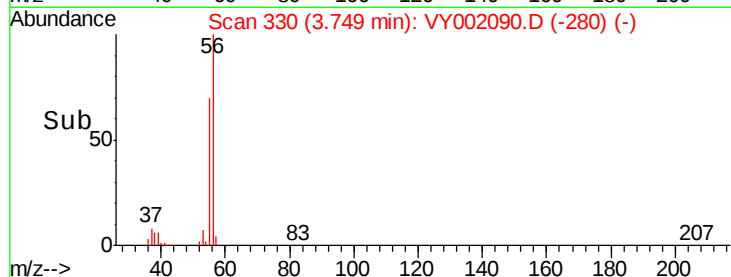
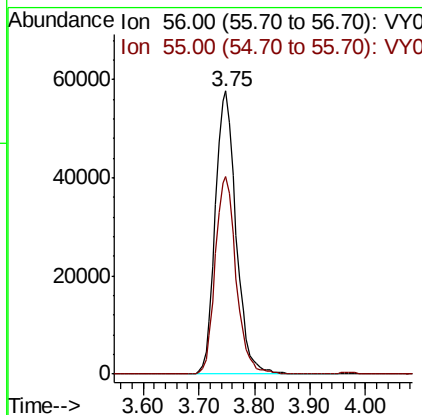
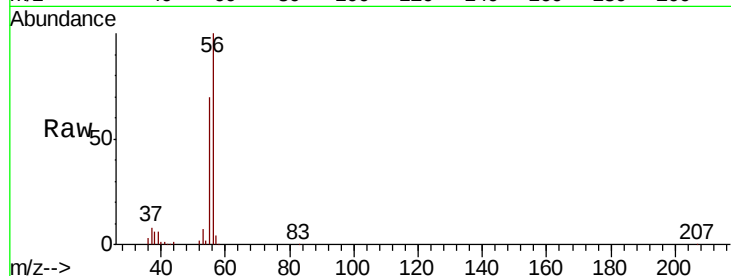
55 69.5 56.5 84.7

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#14

Allyl chloride

Concen: 103.400 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

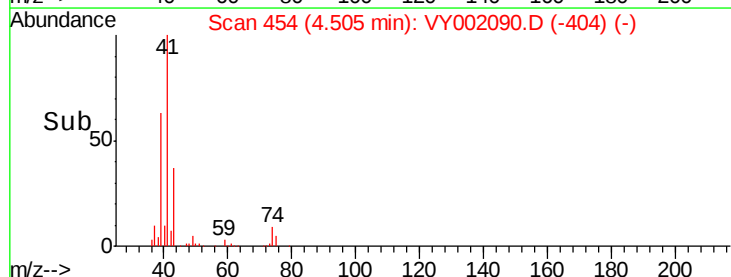
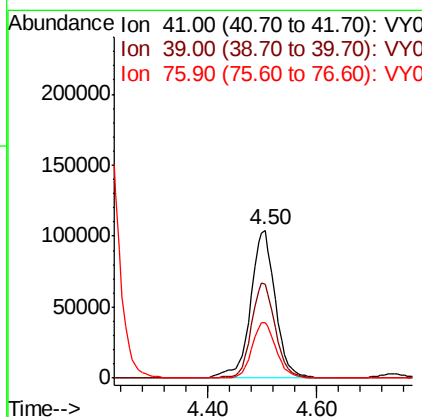
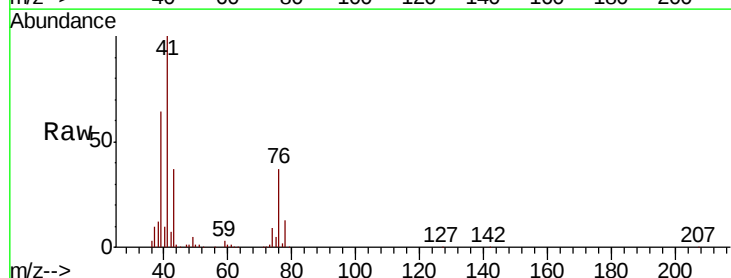
Tgt Ion: 41 Resp: 327944

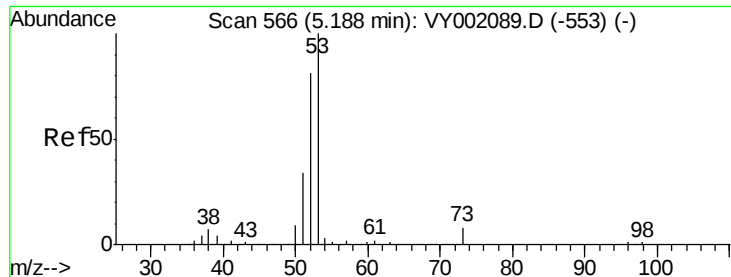
Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.4

76 36.4 27.8 41.8





#15

Acrylonitrile

Concen: 494.177 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

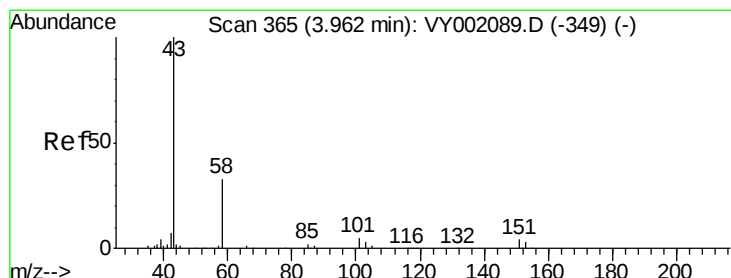
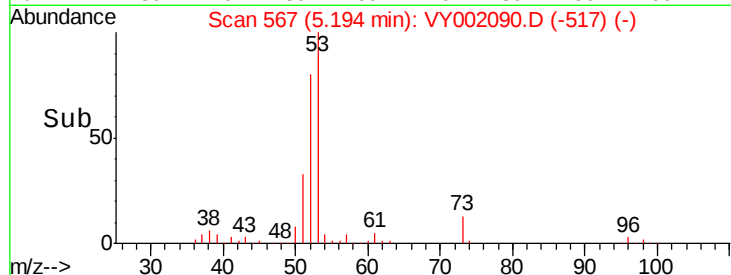
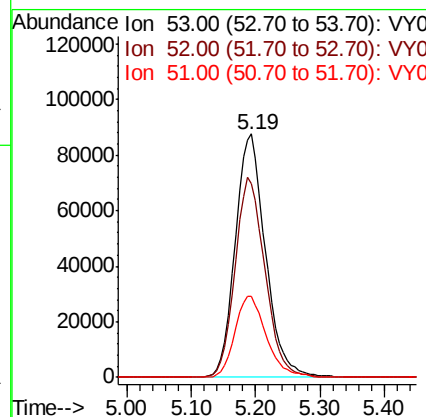
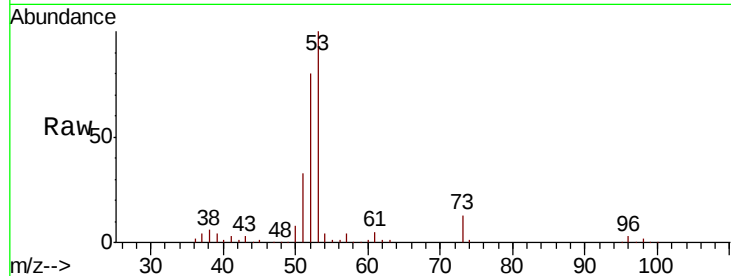
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	286045
Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.6	97.0
51	34.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 462.924 ug/l

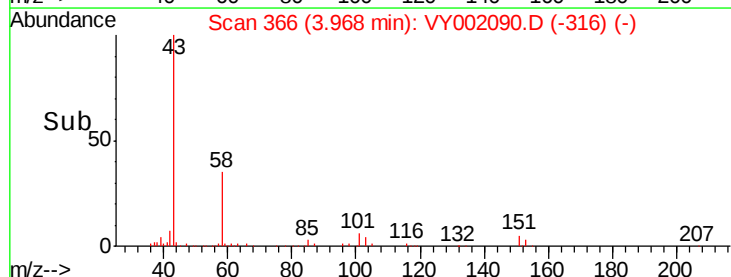
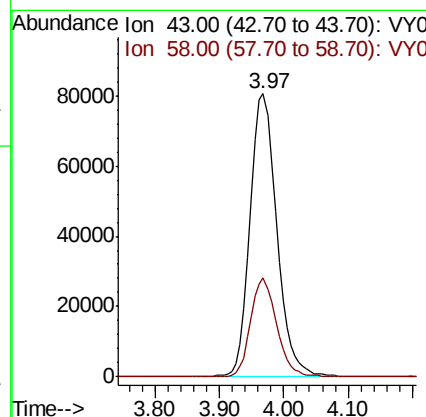
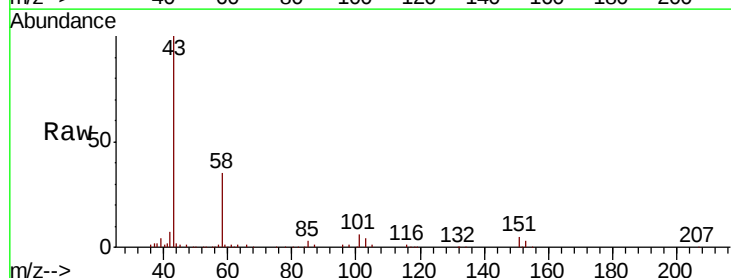
RT: 3.97 min Scan# 366

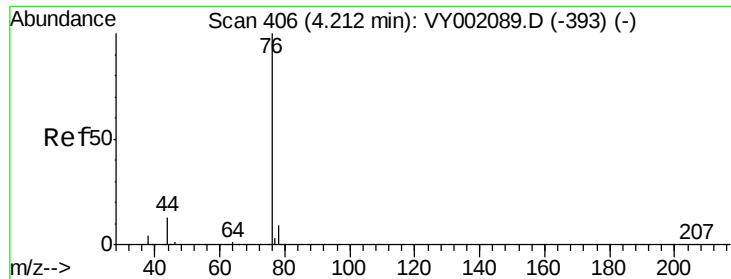
Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion:	43	Resp:	230026
Ion	Ratio	Lower	Upper
43	100		
58	35.0	26.3	39.5





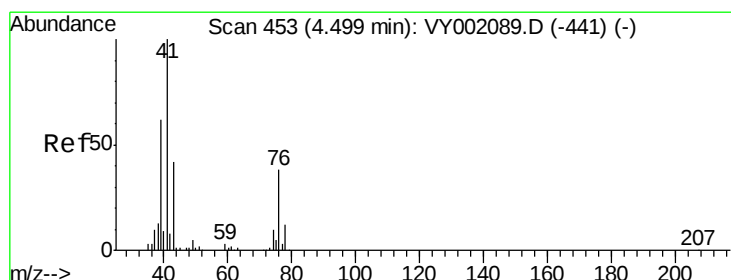
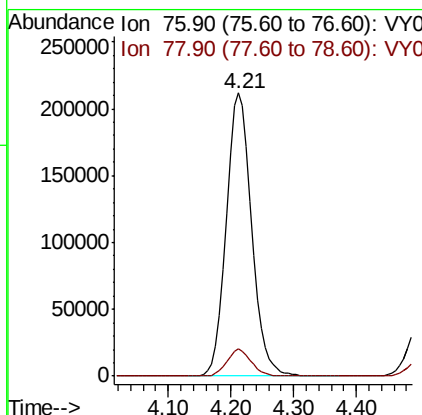
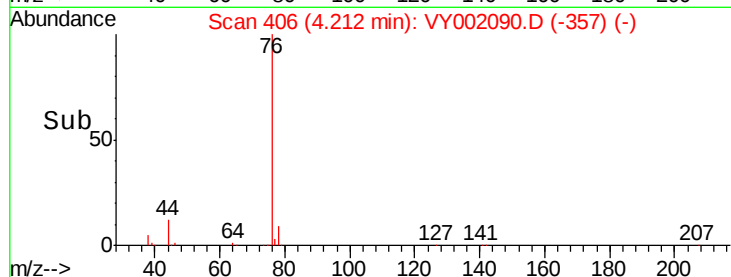
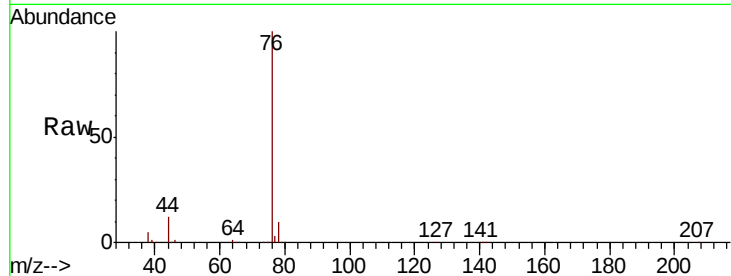
#17
Carbon Disulfide
Concen: 99.551 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

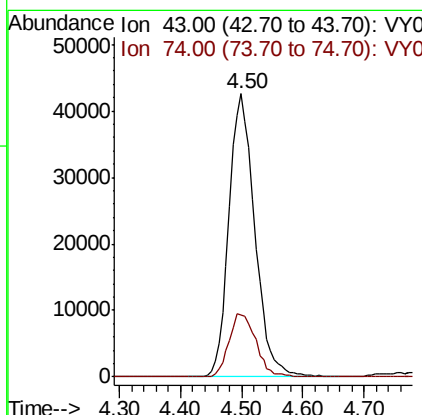
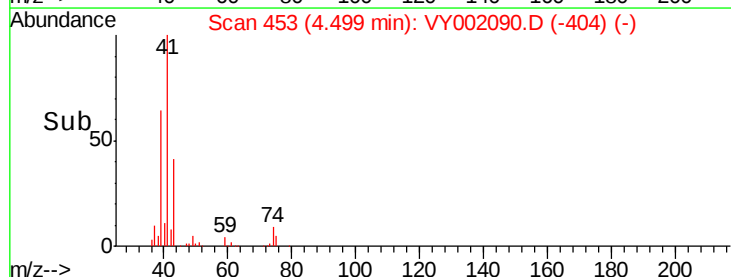
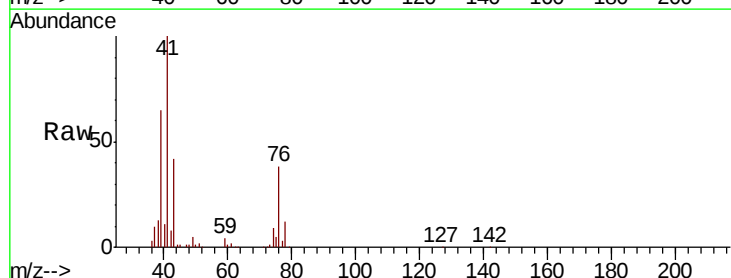
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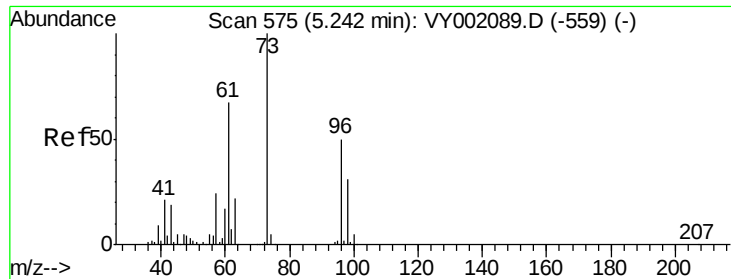
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#18
Methyl Acetate
Concen: 97.708 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.3	27.5





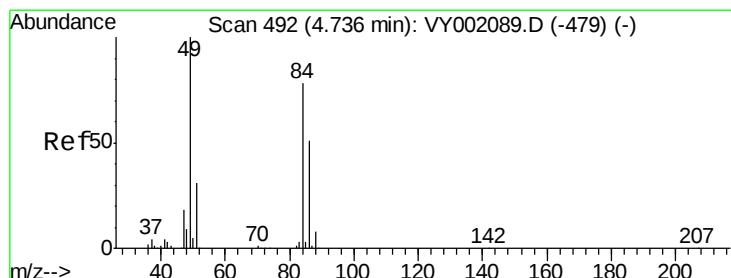
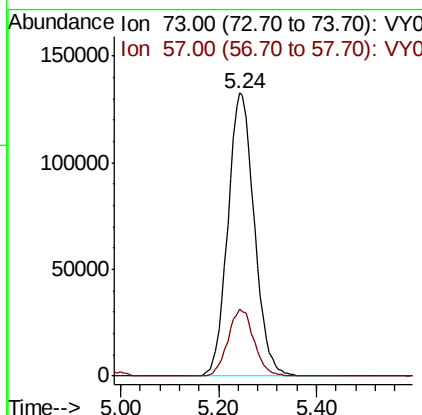
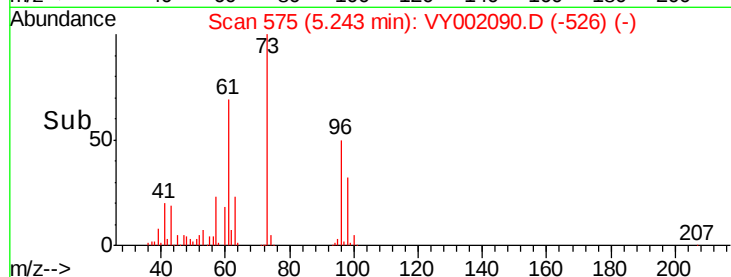
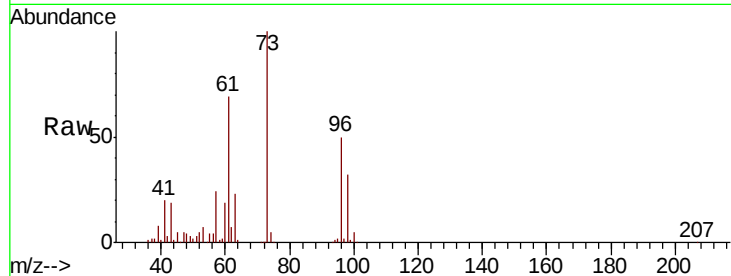
#19
Methvl tert-butvl Ether
Concen: 102.797 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 496539
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6

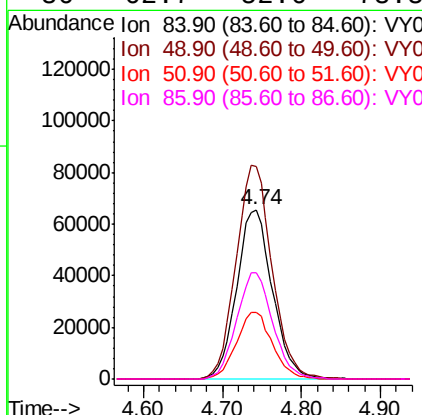
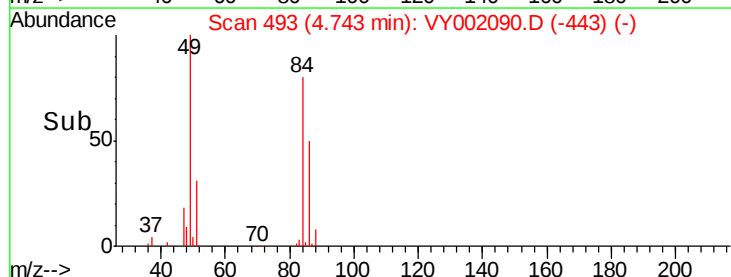
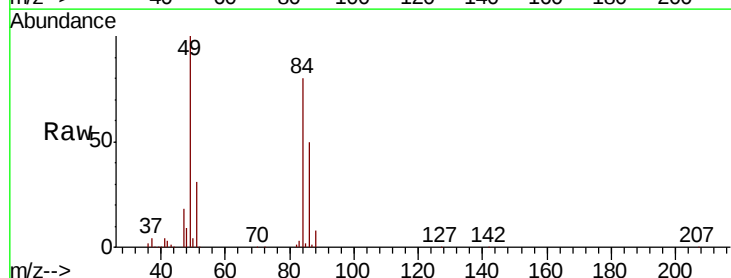
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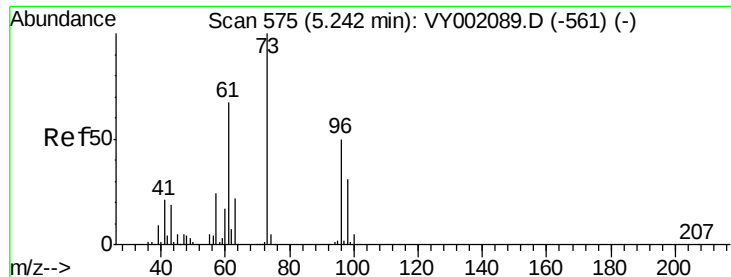
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#20
Methylene Chloride
Concen: 96.538 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 84 Resp: 206360
Ion Ratio Lower Upper
84 100
49 125.3 102.2 153.4
51 38.9 31.2 46.8
86 62.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 102.077 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

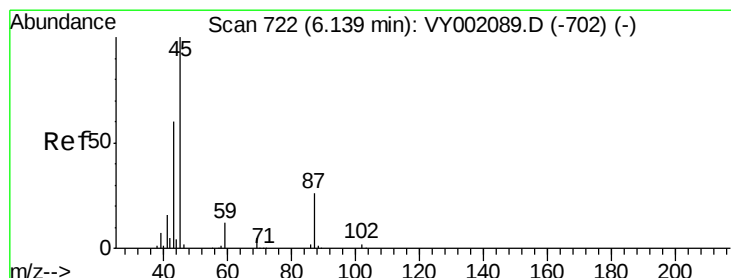
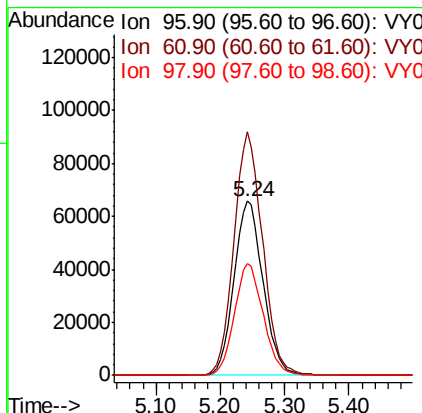
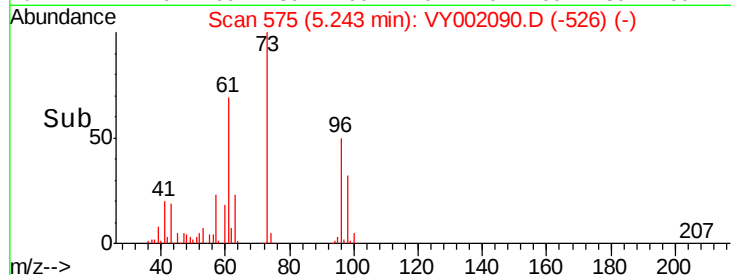
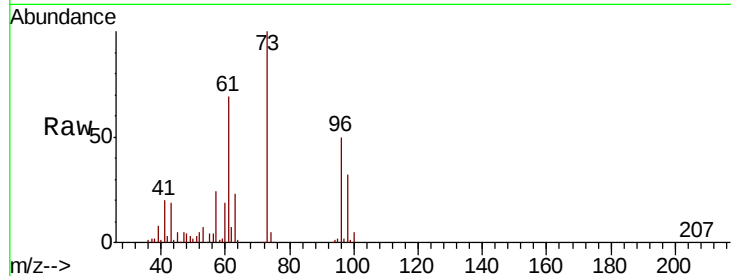
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	206172
Ion	Ratio	Lower	Upper
96	100		
61	140.0	107.7	161.5
98	64.1	50.5	75.7

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#22

Diisopropyl ether

Concen: 102.430 ug/l

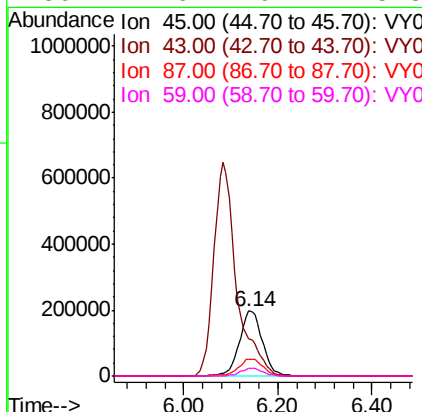
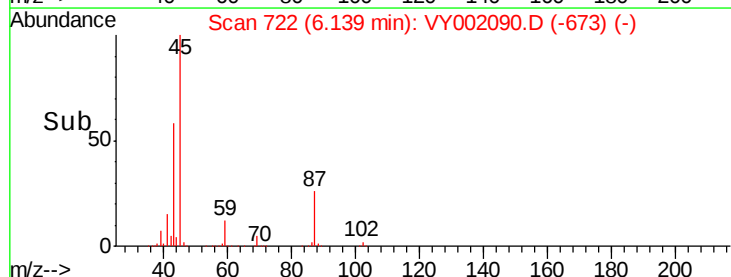
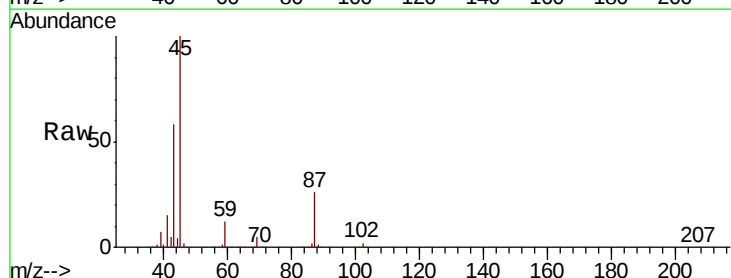
RT: 6.14 min Scan# 722

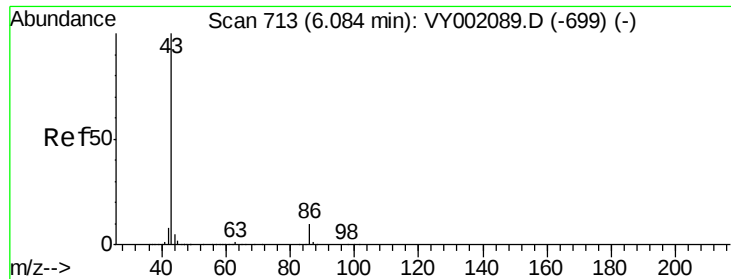
Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion:	45	Resp:	666688
Ion	Ratio	Lower	Upper
45	100		
43	57.6	48.1	72.1
87	26.0	21.1	31.7
59	11.6	9.2	13.8





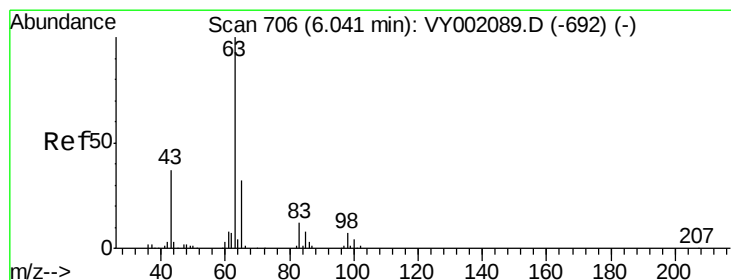
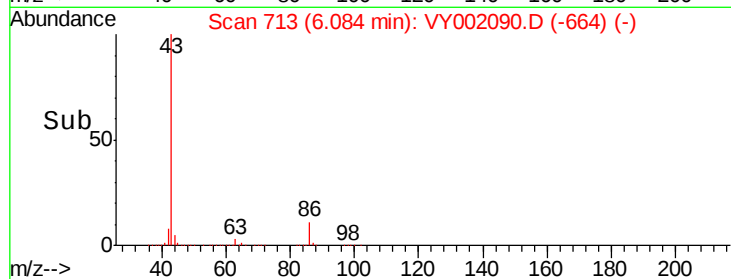
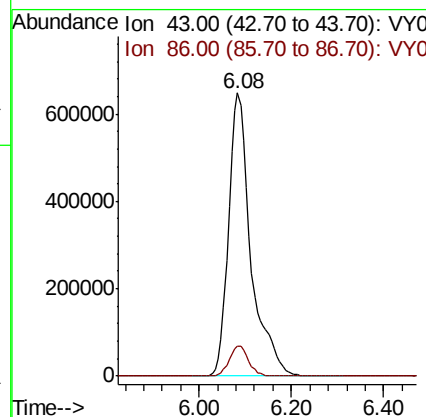
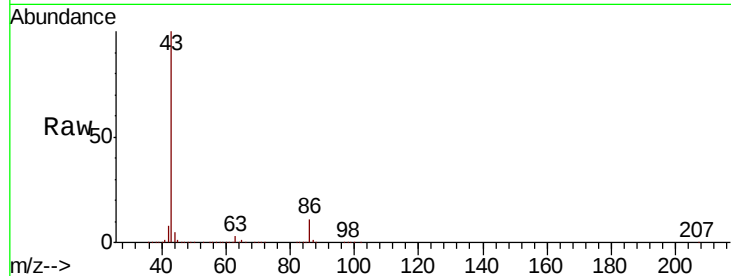
#23
 Vinyl Acetate
 Concen: 509.561 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 2168415
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.9 11.9

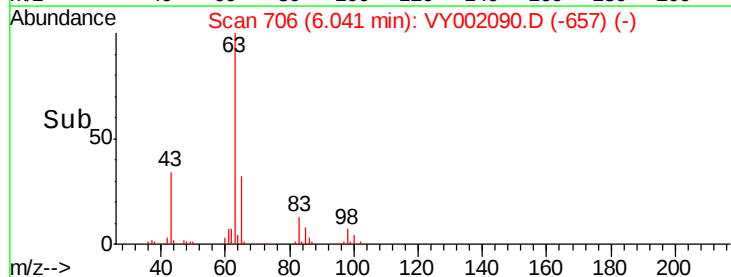
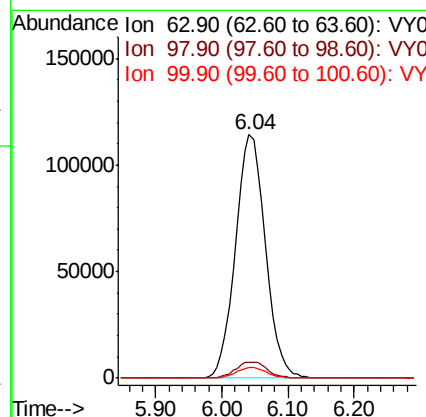
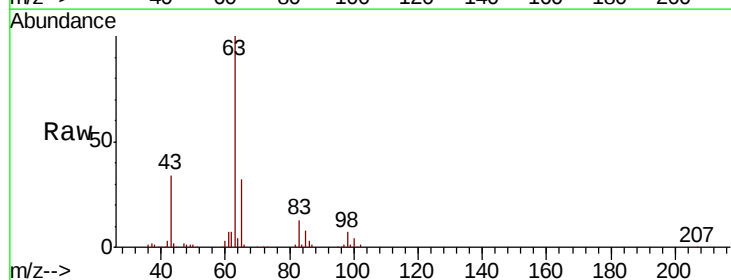
Manual Integrations
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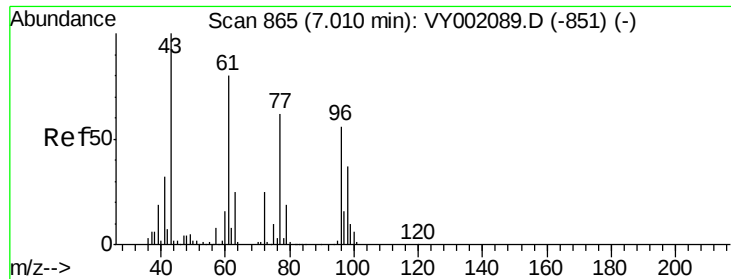
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#24
 1,1-Dichloroethane
 Concen: 102.323 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 63 Resp: 359438
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.5 1.8 5.5





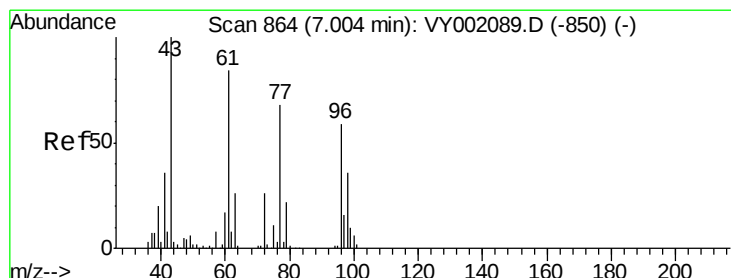
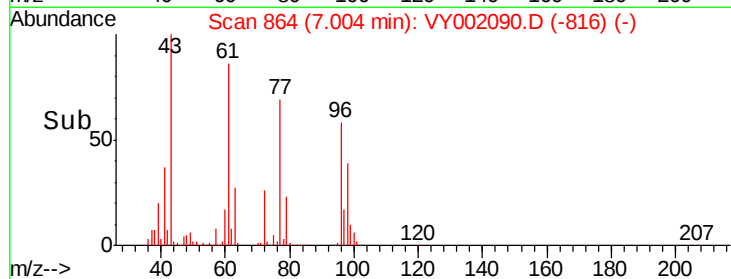
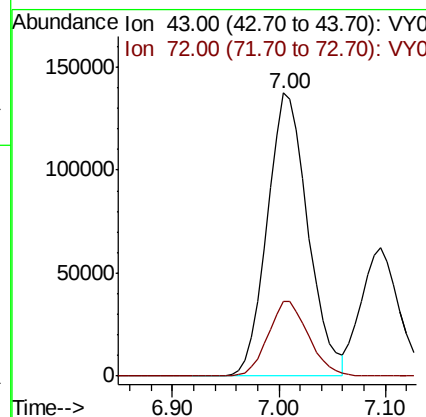
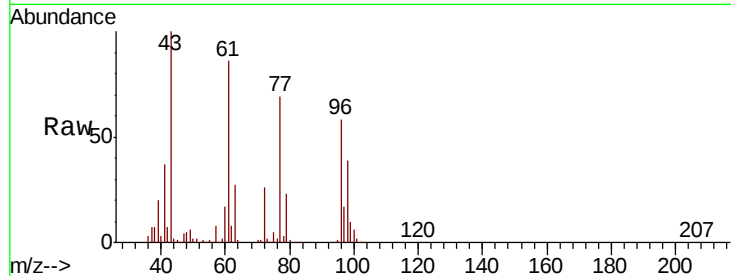
#25
2-Butanone
Concen: 484.416 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 366215
Ion Ratio Lower Upper
43 100
72 26.3 20.2 30.2

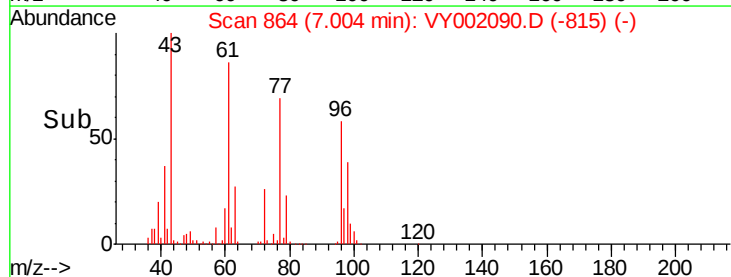
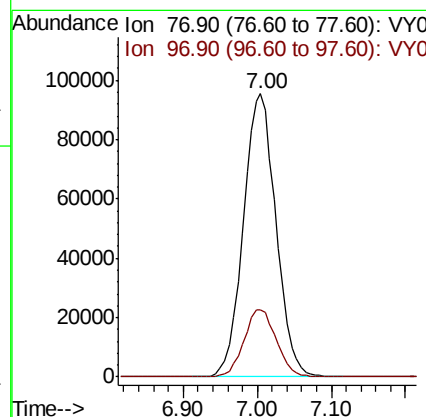
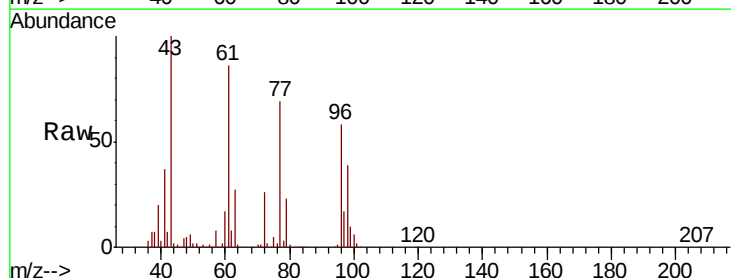
Manual Integrations
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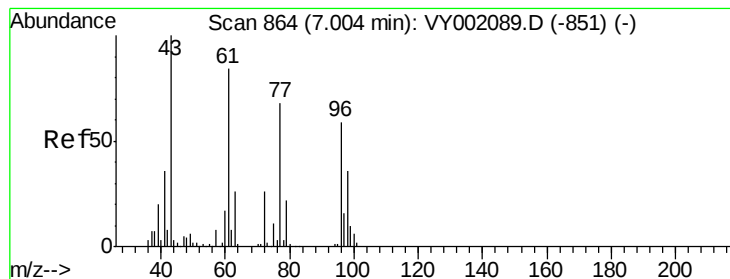
apatel
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#26
2,2-Dichloropropane
Concen: 101.063 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 77 Resp: 292027
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1





#27

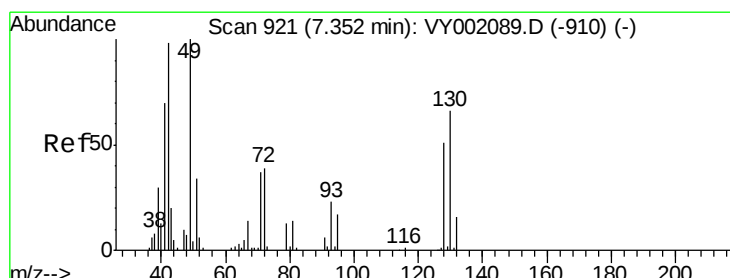
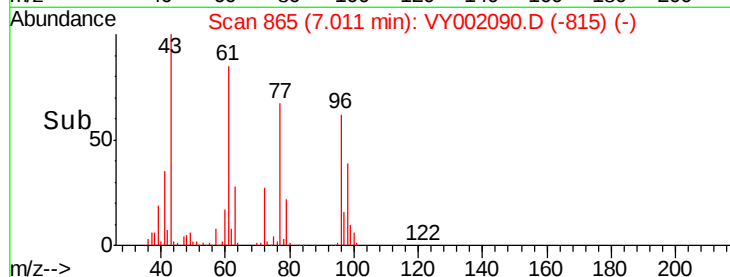
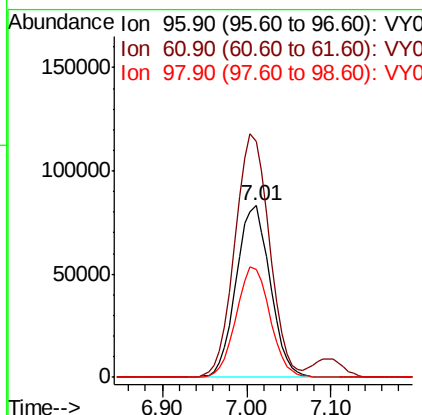
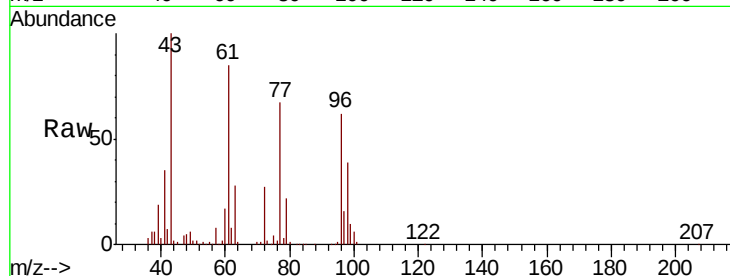
cis-1,2-Dichloroethene
 Concen: 103.447 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.2	0.0	290.6	
98	64.0	0.0	128.0	

Manual Integrations
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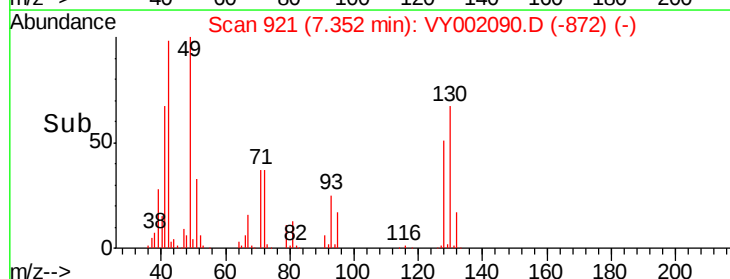
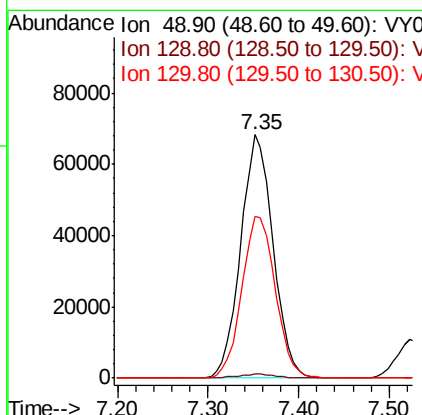
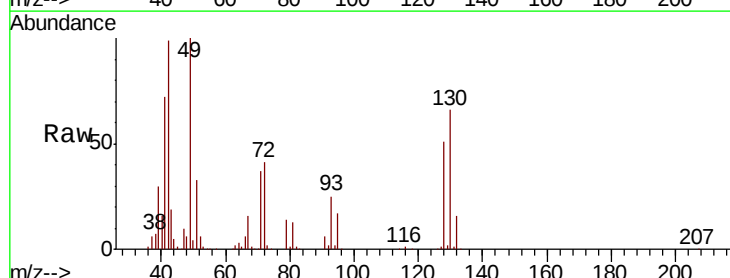
apatel
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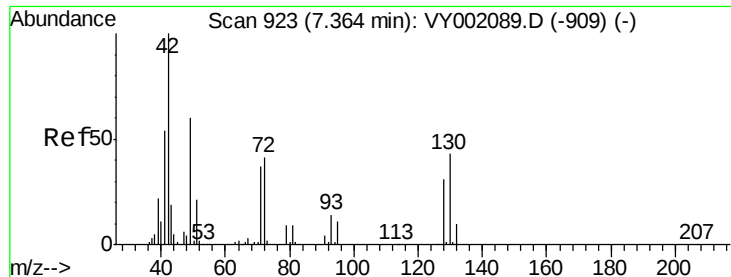


#28

Bromochloromethane
 Concen: 105.300 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.4	
130	68.7	54.1	81.1	





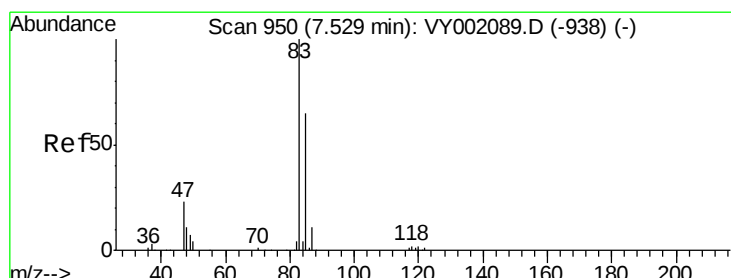
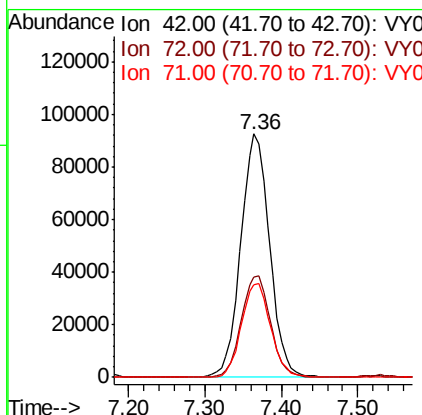
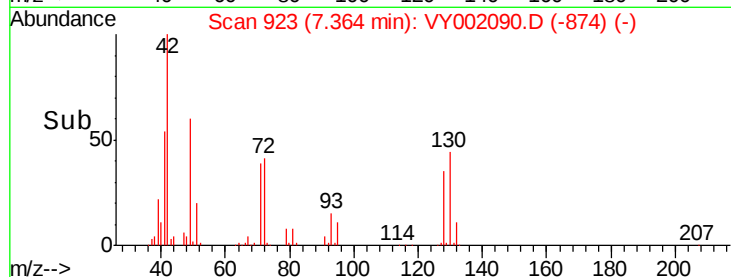
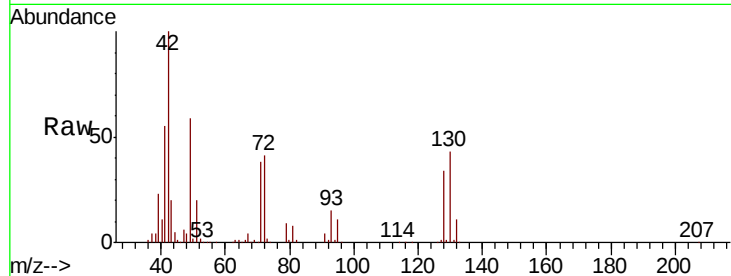
#29
Tetrahydrofuran
Concen: 483.059 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.0	49.4
71	39.0	31.2	46.8

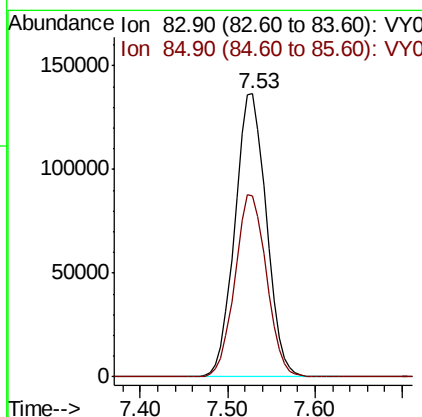
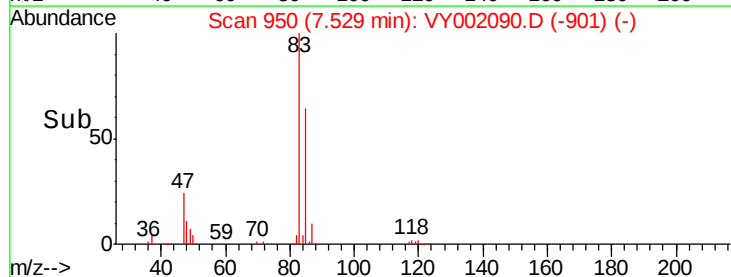
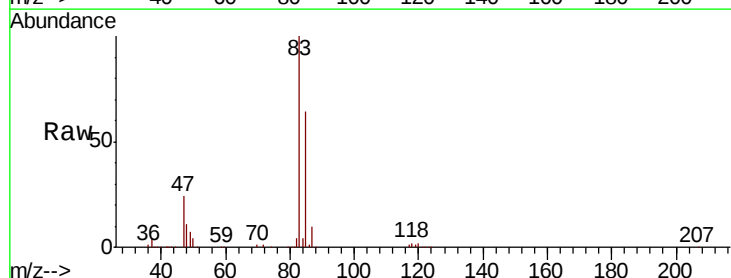
Manual Integrations
APPROVED

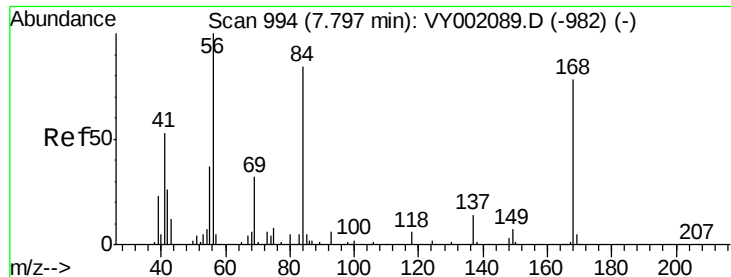
apatel
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#30
Chloroform
Concen: 103.670 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.4	78.6





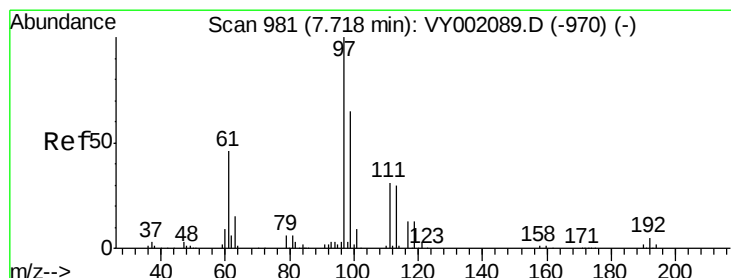
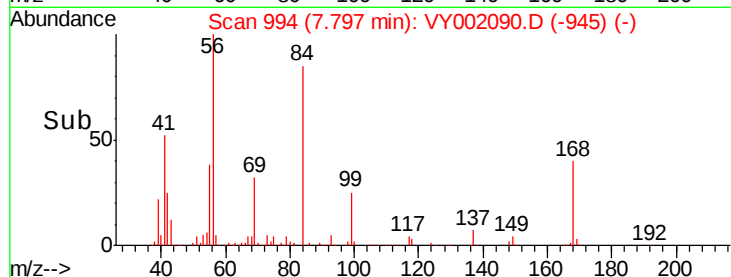
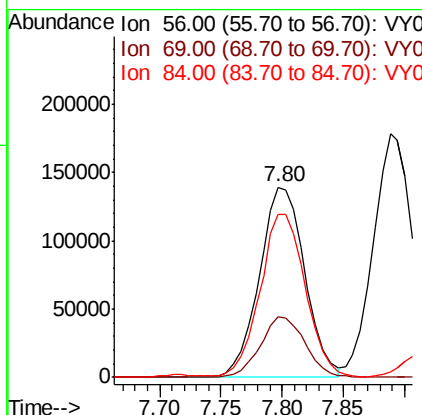
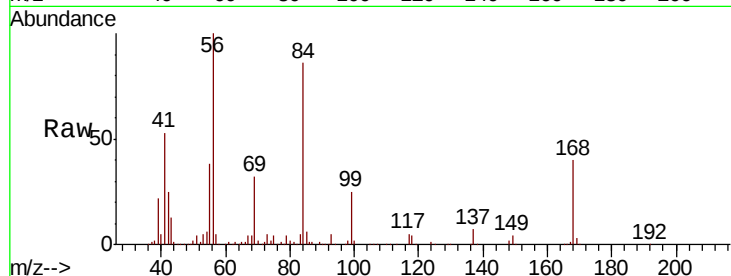
#31
Cyclohexane
Concen: 95.844 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.8	38.8
84	84.8	67.1	100.7

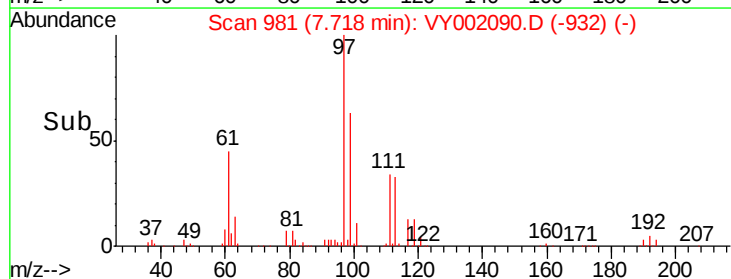
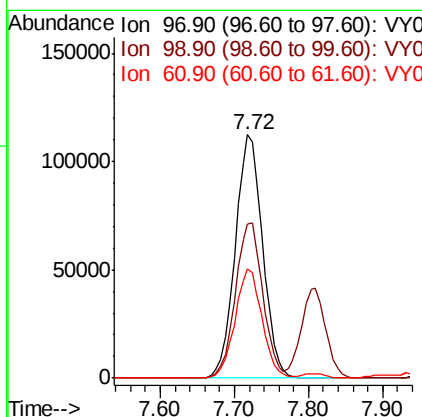
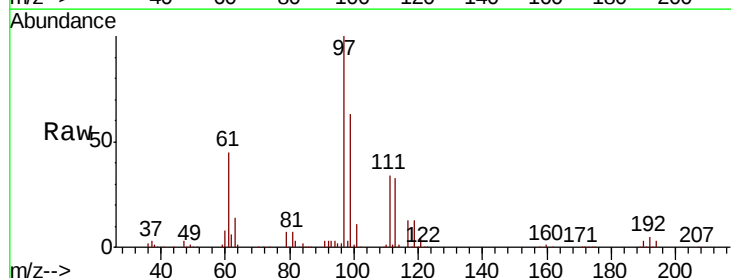
Manual Integrations
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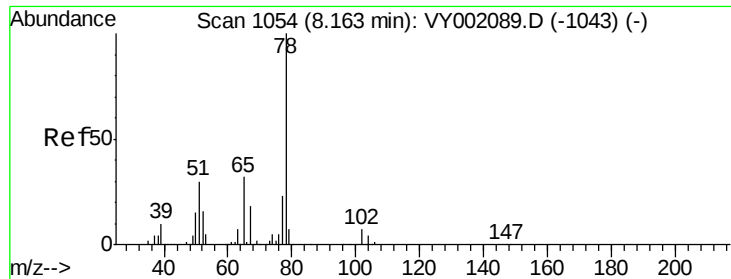
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#32
1,1,1-Trichloroethane
Concen: 104.033 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	44.2	35.7	53.5





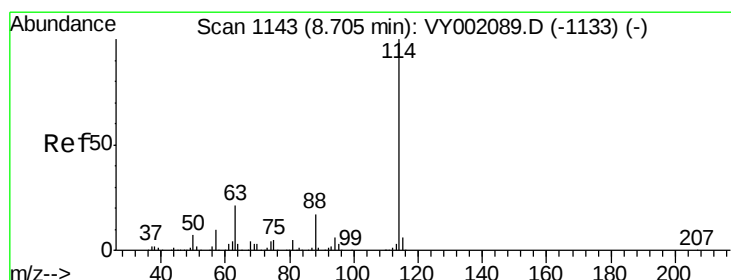
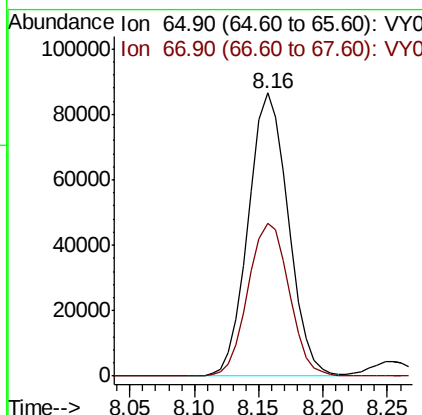
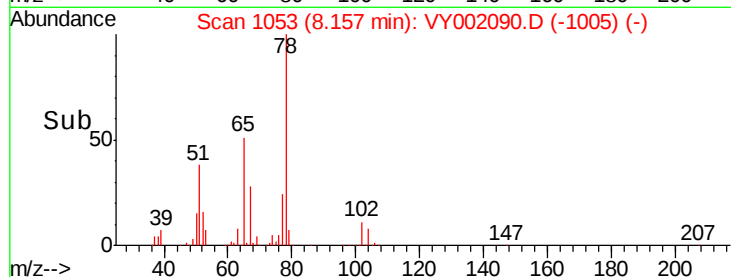
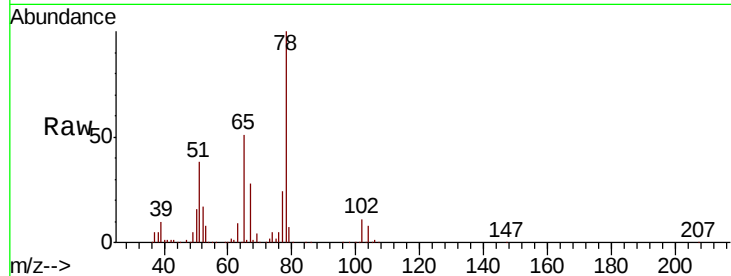
#33
 1,2-Dichloroethane-d4
 Concen: 107.268 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186371		
67	55.5	0.0	112.8	

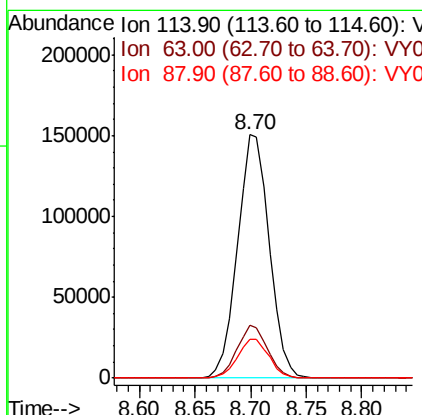
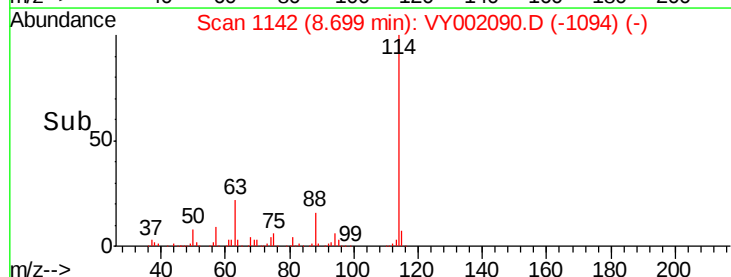
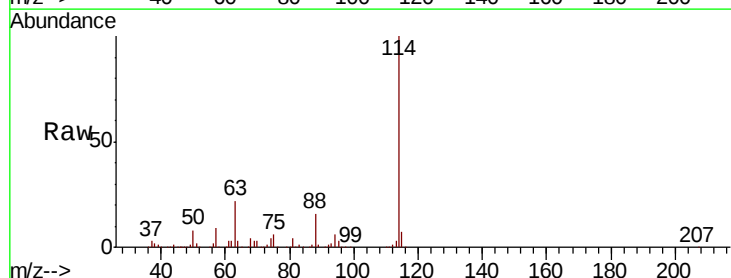
Manual Integrations
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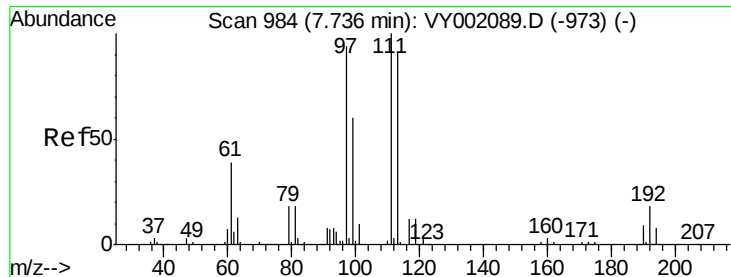
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	297325		
63	21.5	0.0	41.4	
88	15.7	0.0	33.0	





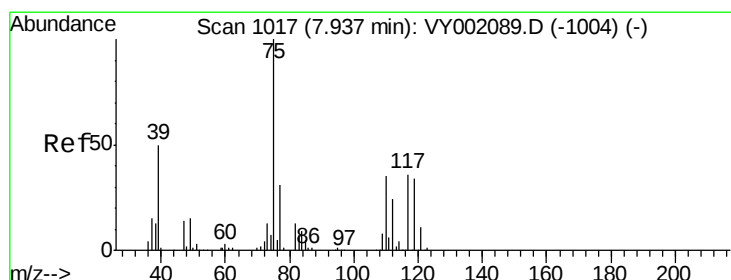
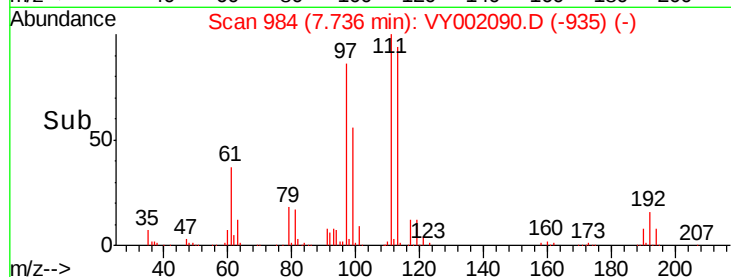
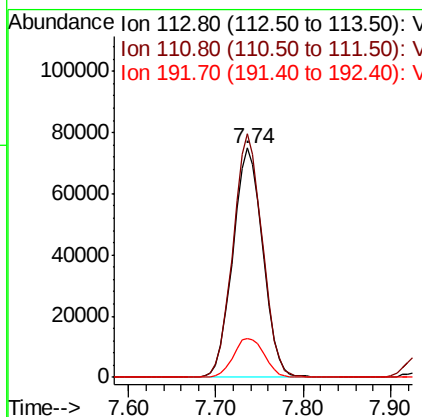
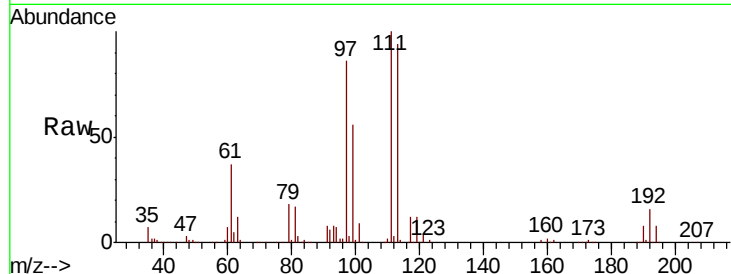
#35
Dibromofluoromethane
Concen: 109.157 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178233		
111	104.2	84.4	126.6	
192	17.7	14.6	21.8	

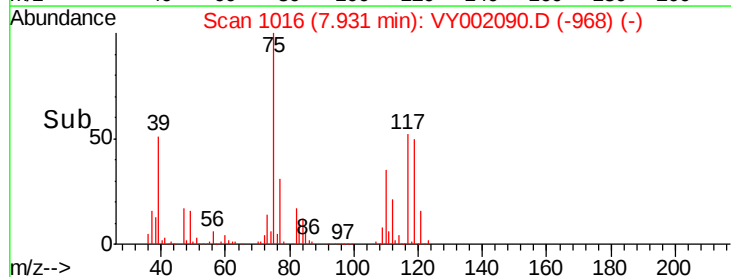
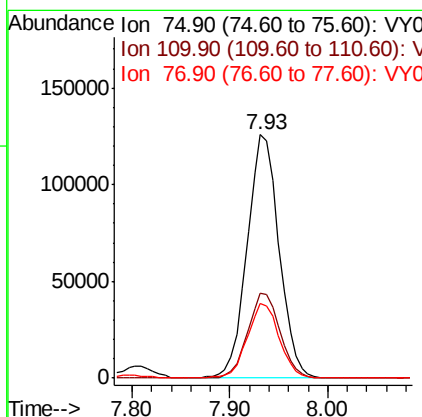
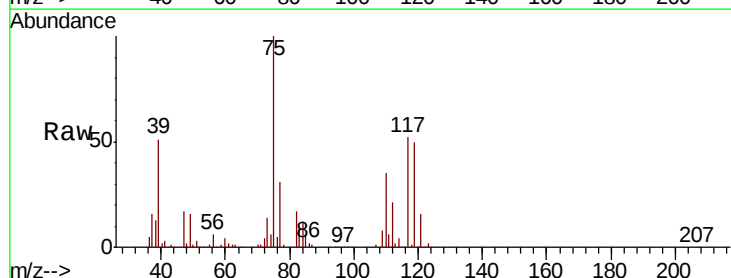
Manual Integrations
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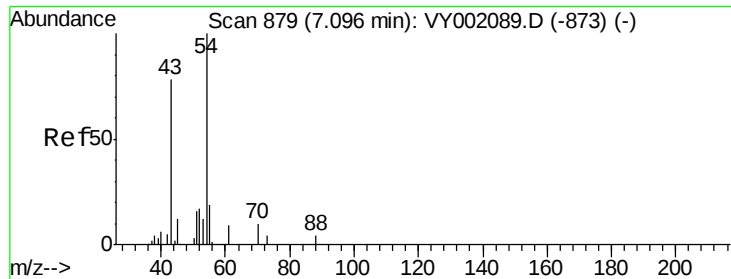
apatel
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#36
1,1-Dichloropropene
Concen: 100.438 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	284924		
110	35.3	17.2	51.6	
77	31.0	24.7	37.1	





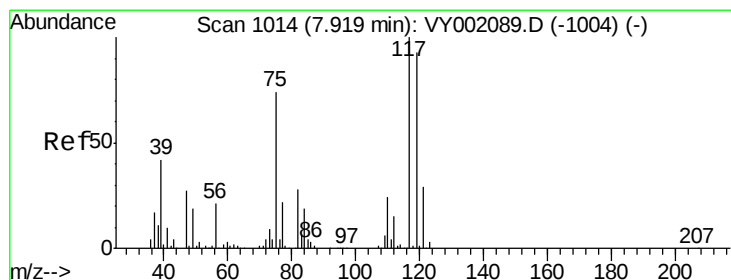
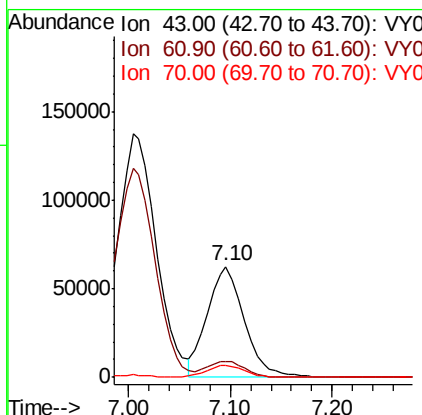
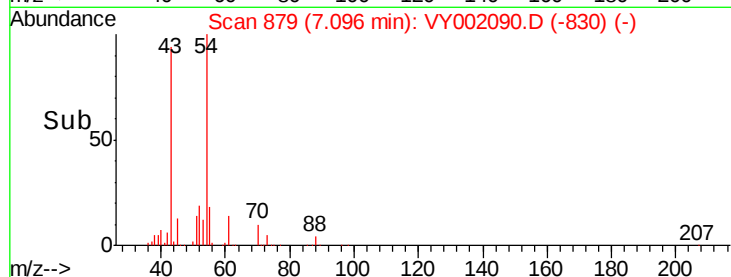
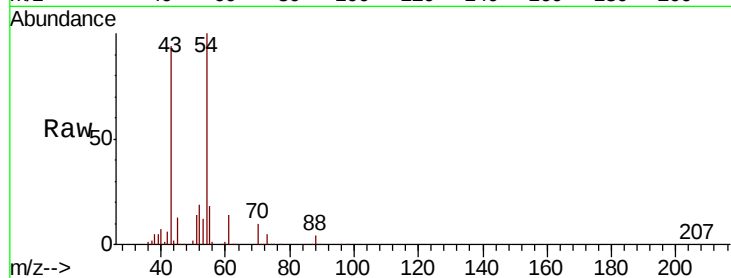
#37
Ethyl Acetate
Concen: 96.402 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.2	16.8
70	10.9	8.2	12.4

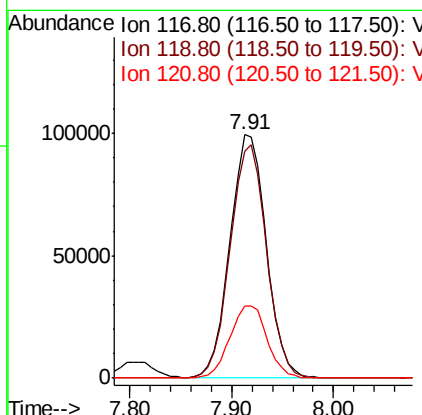
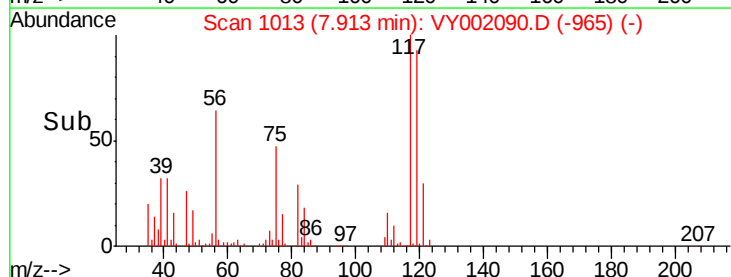
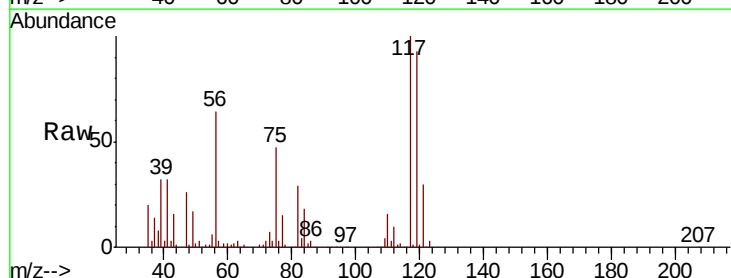
Manual Integrations
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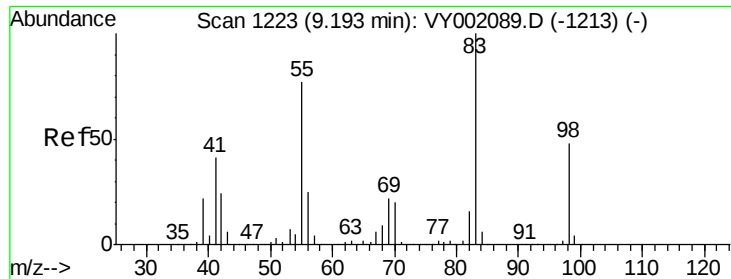
apatel
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#38
Carbon Tetrachloride
Concen: 100.959 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.3	111.5
121	29.7	23.3	34.9





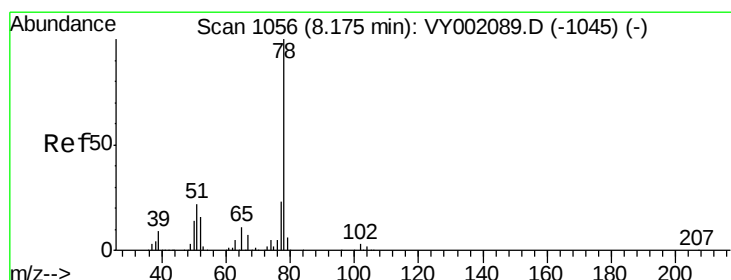
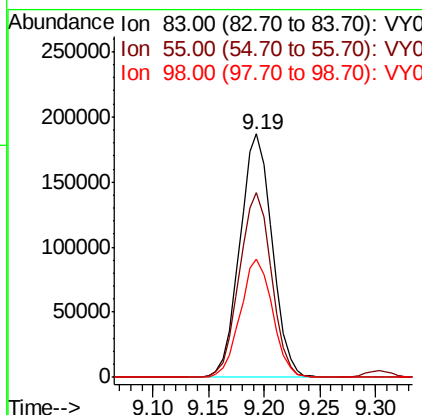
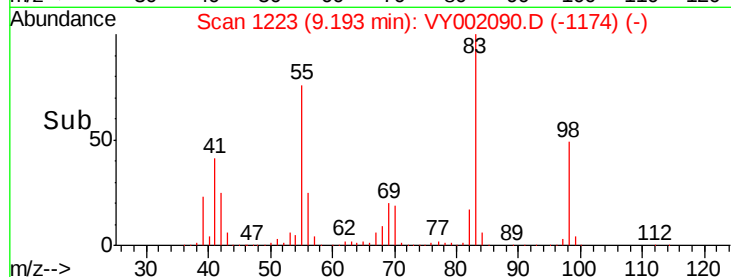
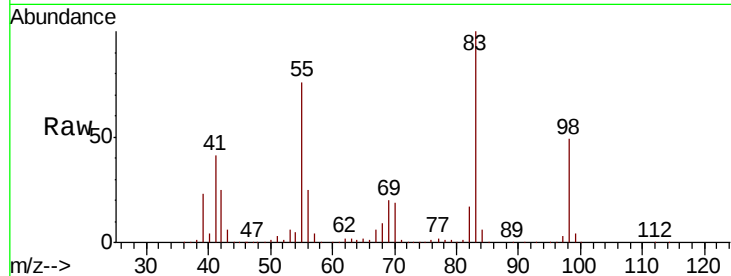
#39
Methvlcvclohexane
Concen: 99.847 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.2	91.8
98	48.5	38.2	57.2

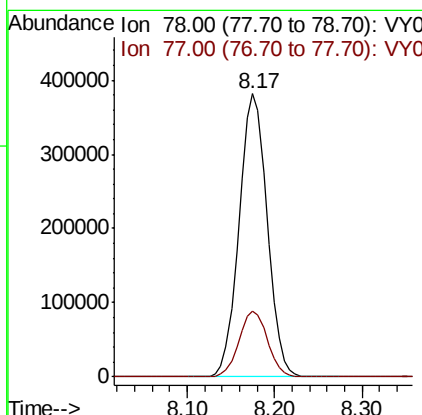
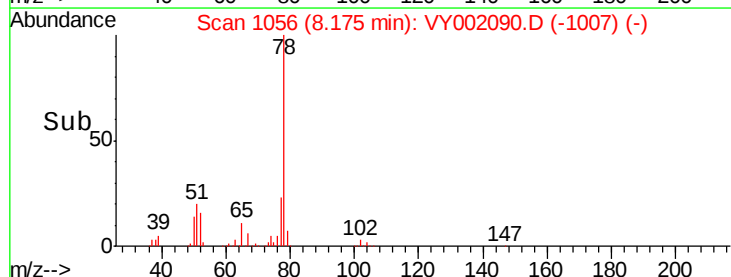
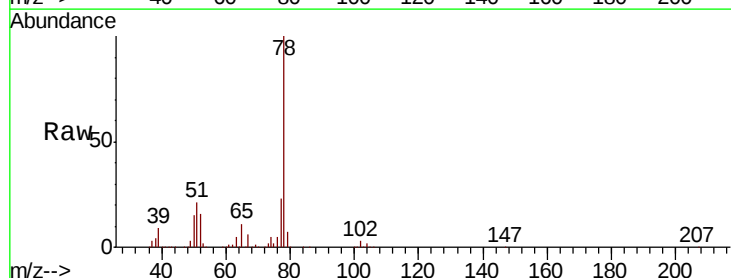
Manual Integrations
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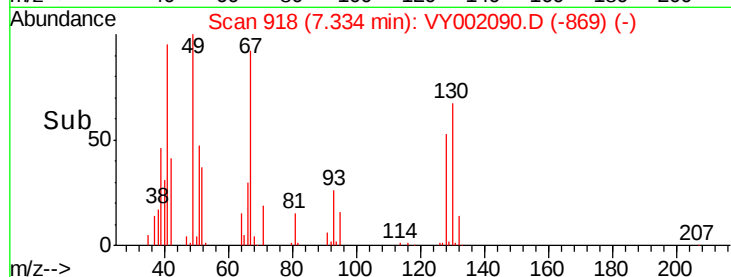
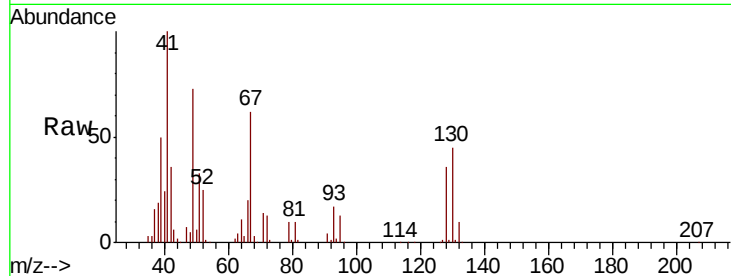
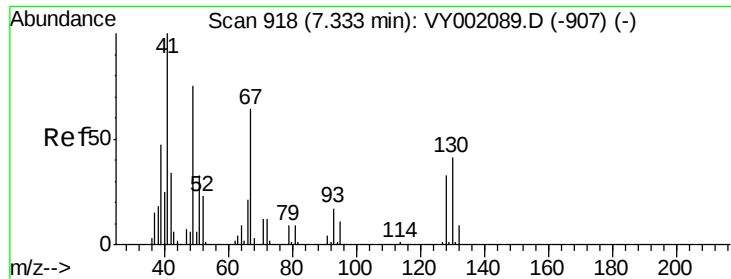
apatel
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#40
Benzene
Concen: 100.924 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.4





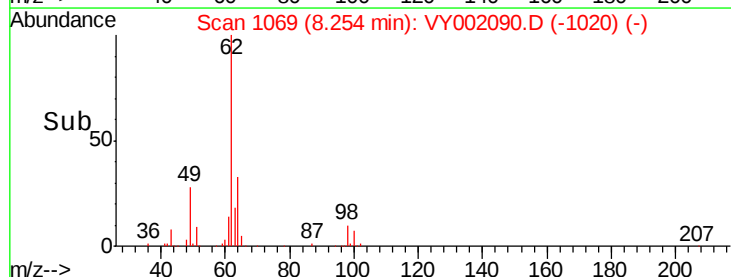
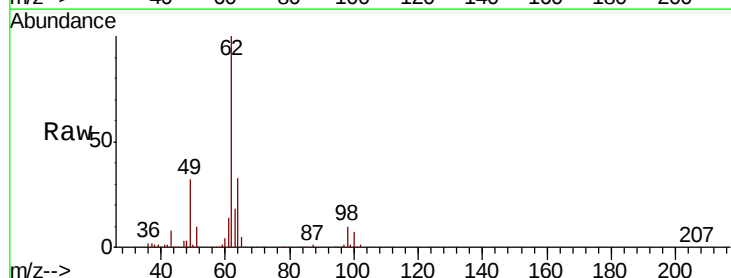
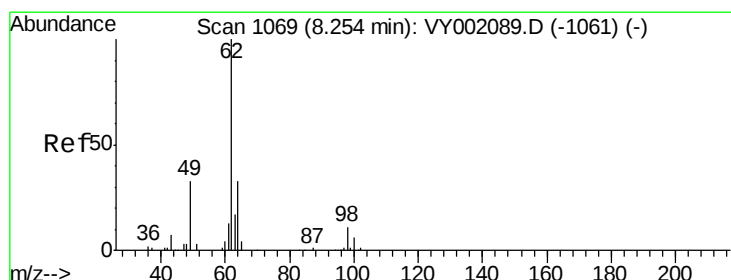
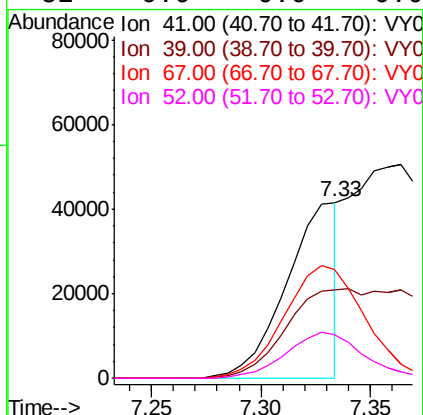
#41
Methacrylonitrile
Concen: 89.758 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tot Ion	41	Resp	68755
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 :
VSTDIC100

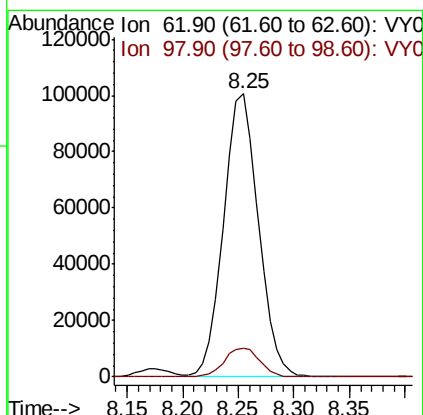
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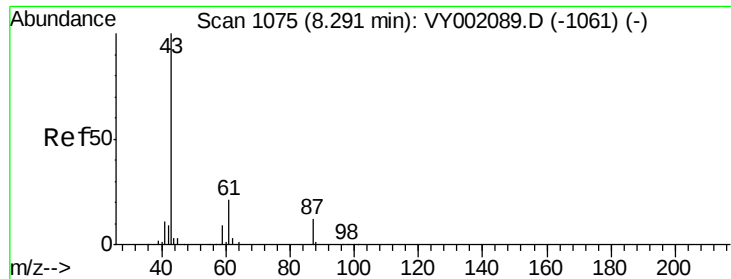
apatel
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#42
1,2-Dichloroethane
Concen: 100.613 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	62	Resp	218604
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2





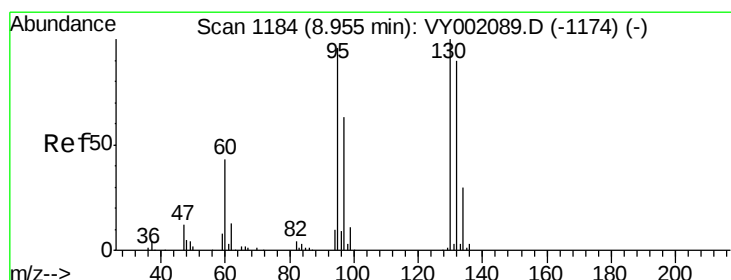
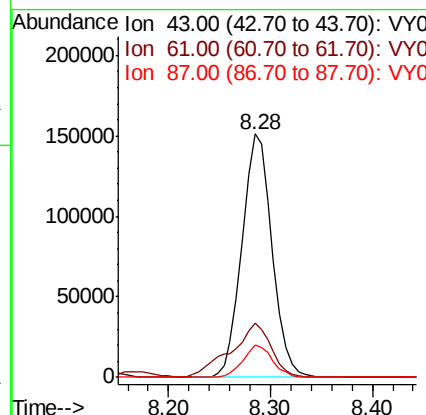
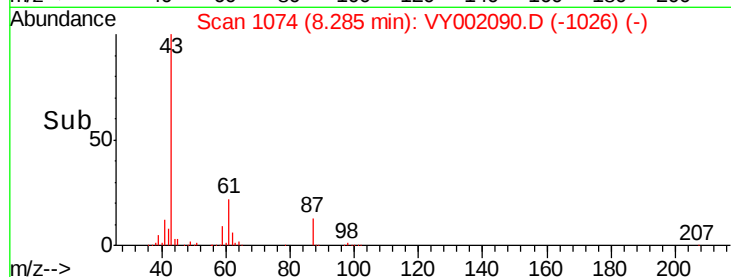
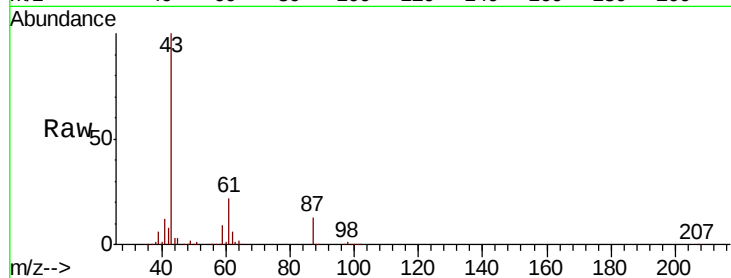
#43
Isopropyl Acetate
Concen: 98.867 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.4	35.2
87	13.0	10.2	15.4

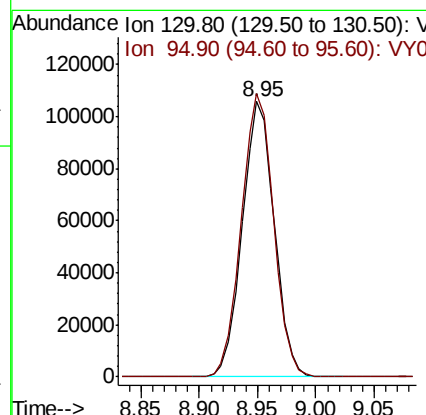
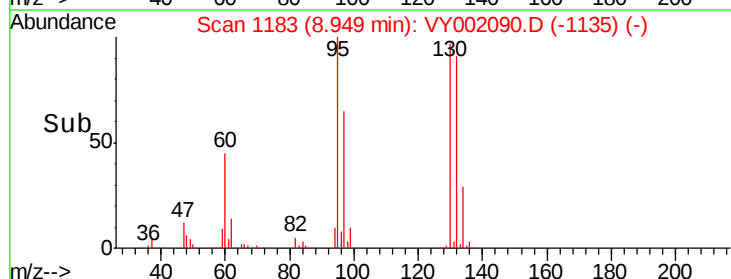
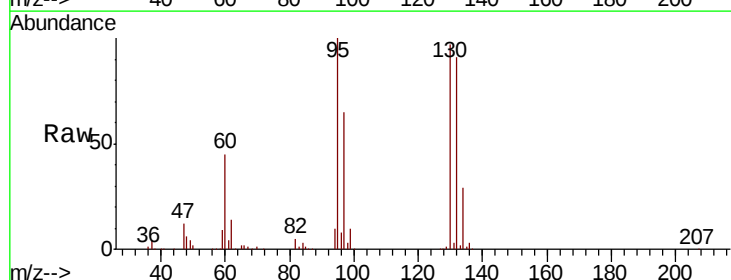
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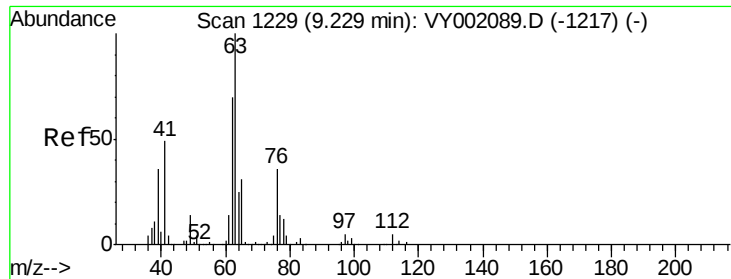
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#44
Trichloroethene
Concen: 98.885 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	193.0





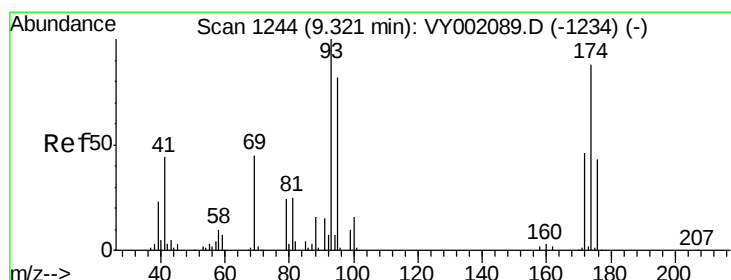
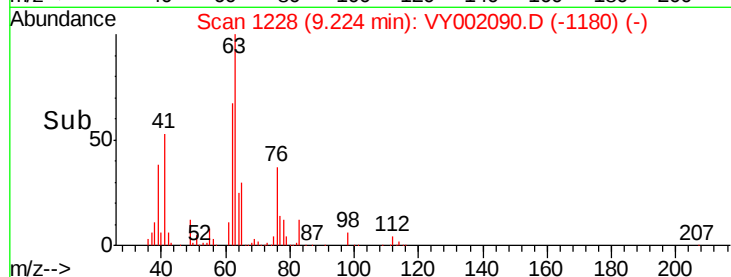
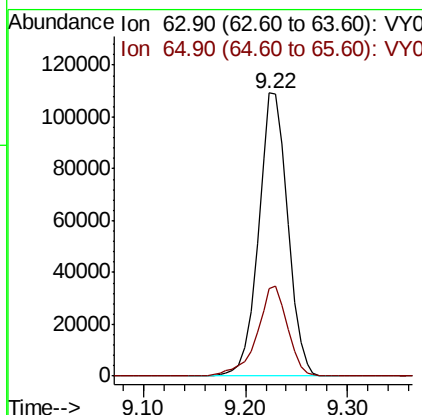
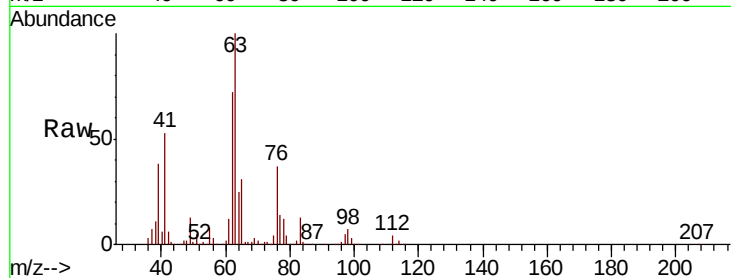
#45
 1,2-Dichloropropane
 Concen: 102.579 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 217631
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6

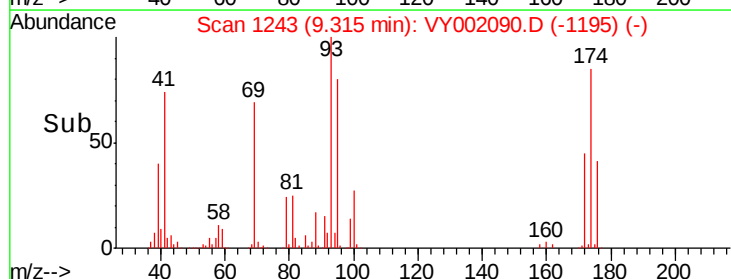
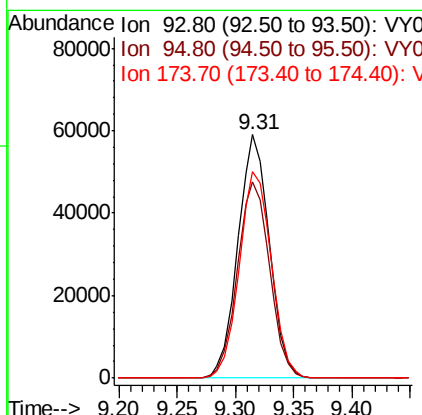
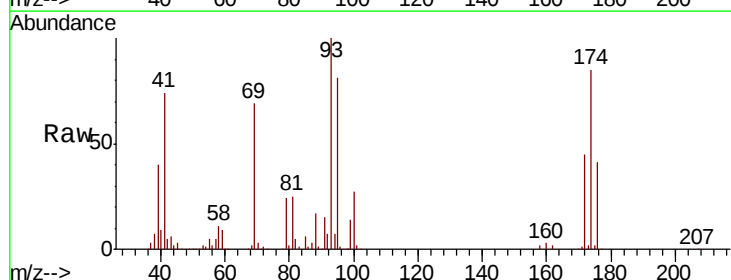
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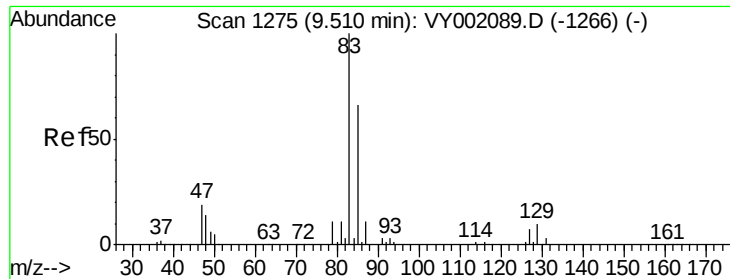
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#46
 Dibromomethane
 Concen: 101.599 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 93 Resp: 111075
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.0 99.0
 174 86.7 69.8 104.8





#47

Bromodichloromethane

Concen: 105.580 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

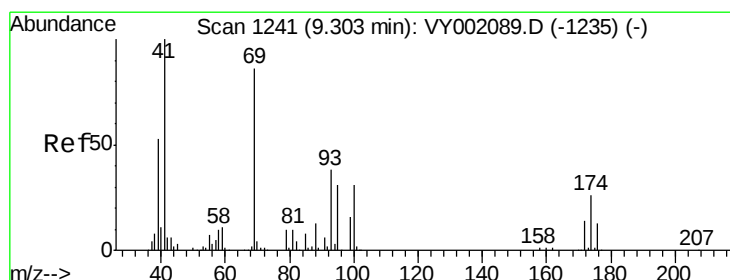
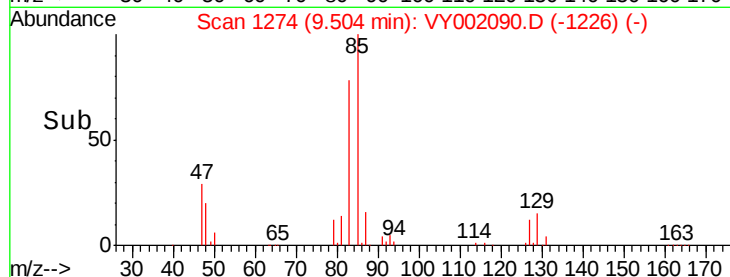
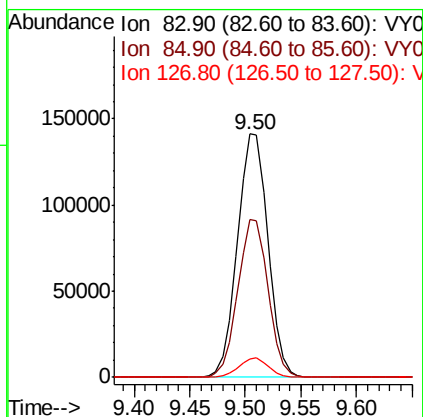
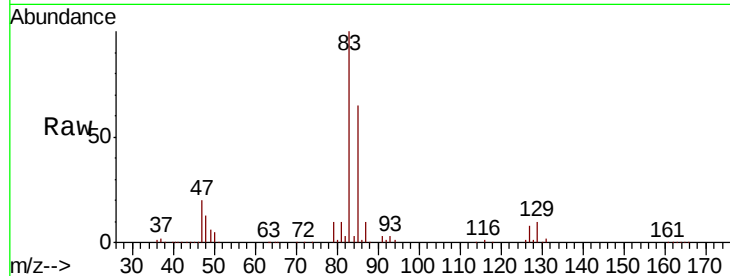
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	268809
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.6	79.0
127	7.5	5.9	8.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 101.345 ug/l

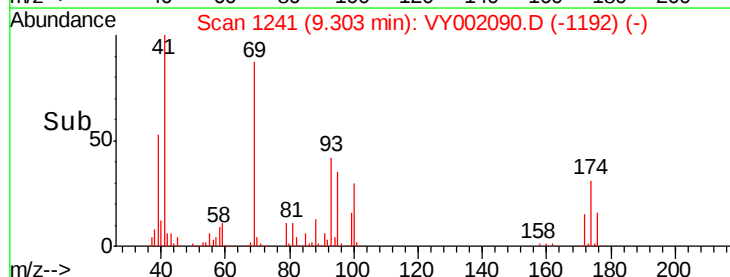
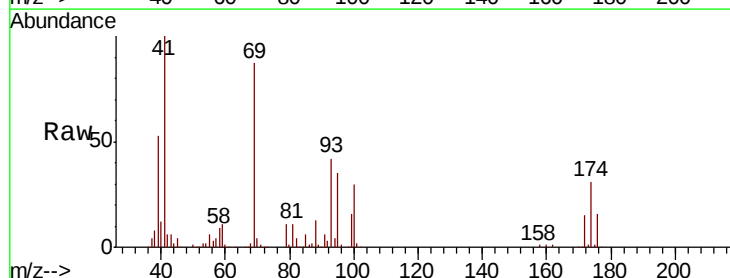
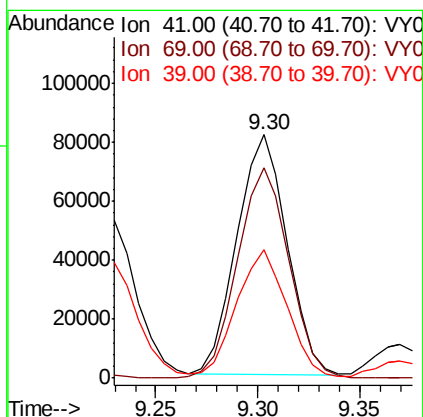
RT: 9.30 min Scan# 1241

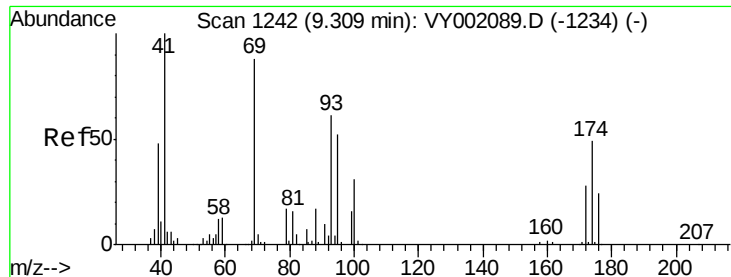
Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion:	41	Resp:	139496
Ion Ratio	Lower	Upper	
41	100		
69	89.9	71.4	107.0
39	53.9	41.0	61.4





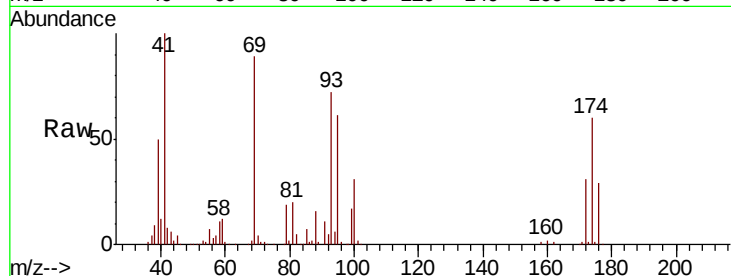
#49
1,4-Dioxane
Concen: 1973.639 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	27.2	40.8
58	72.4	59.8	89.8

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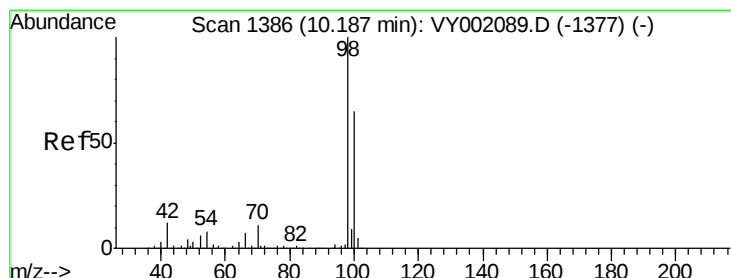
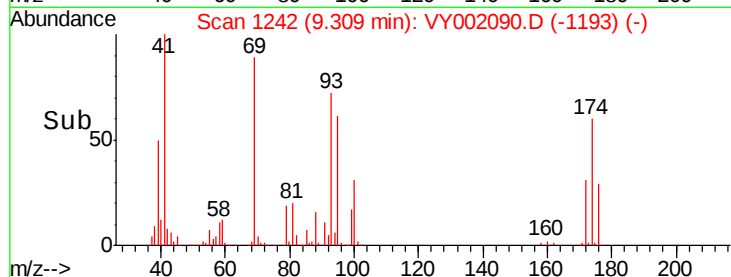
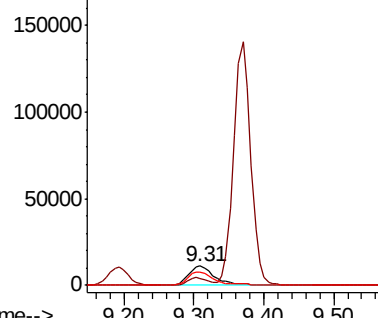


Abundance

Ion 88.00 (87.70 to 88.70): VY0

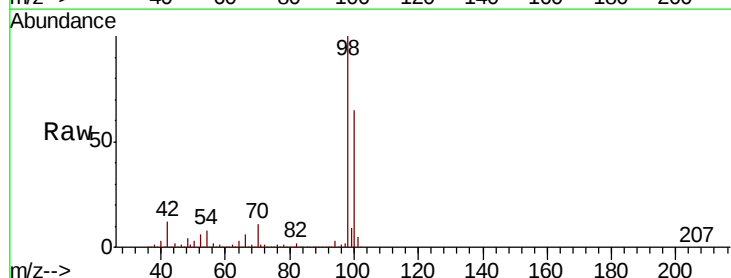
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 106.805 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

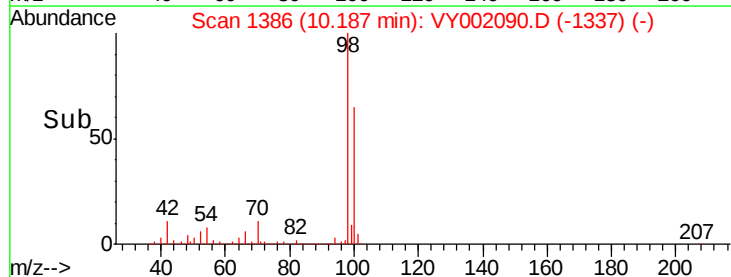
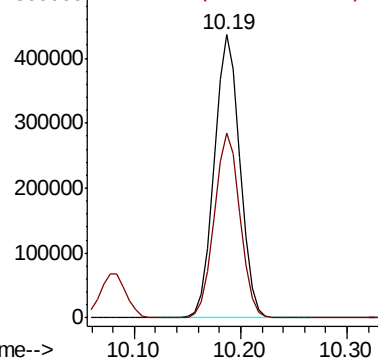
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.6	77.4

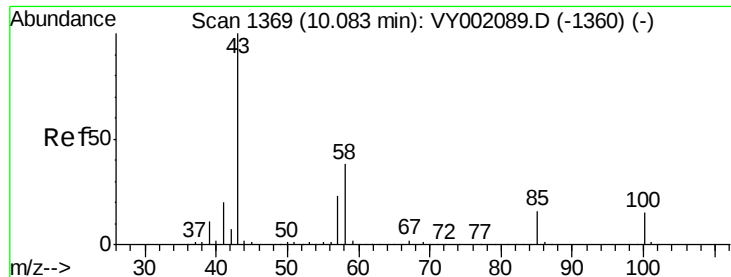


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 488.222 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 785409

Ion Ratio Lower Upper

43 100

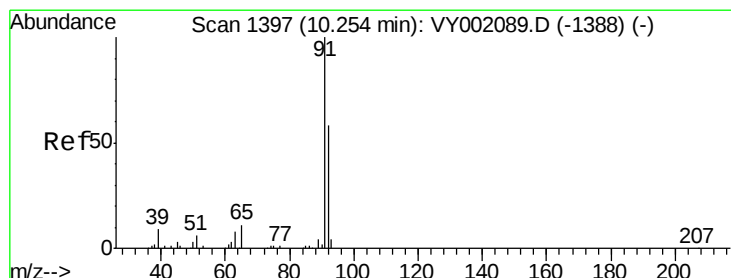
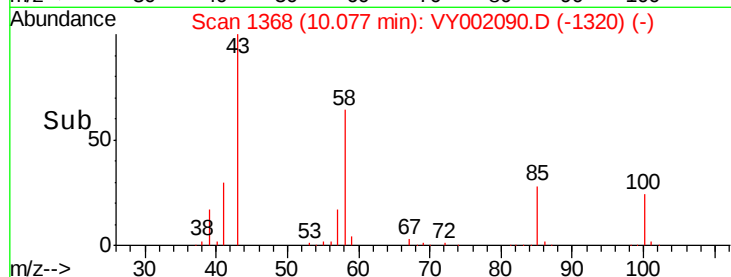
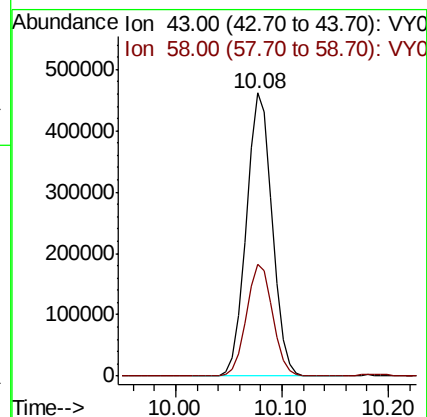
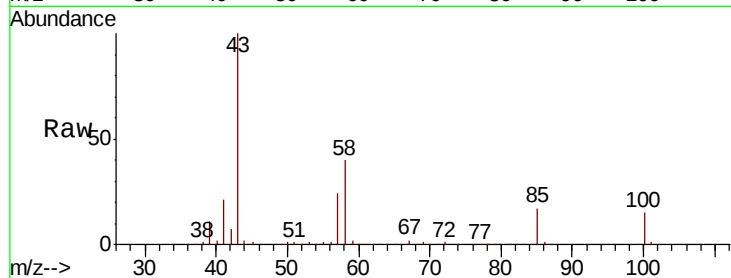
58 39.9 31.6 47.4

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#52

Toluene

Concen: 102.742 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002090.D

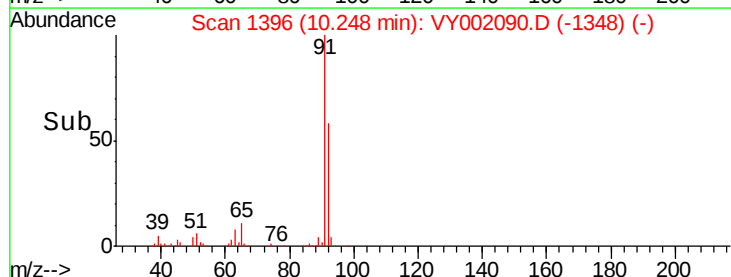
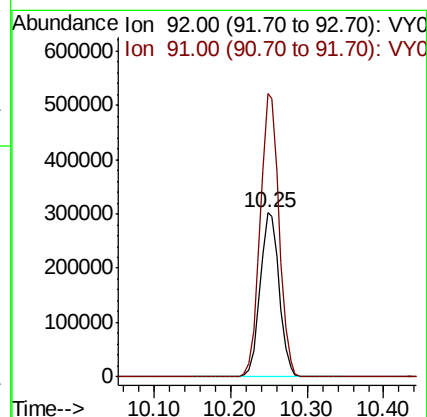
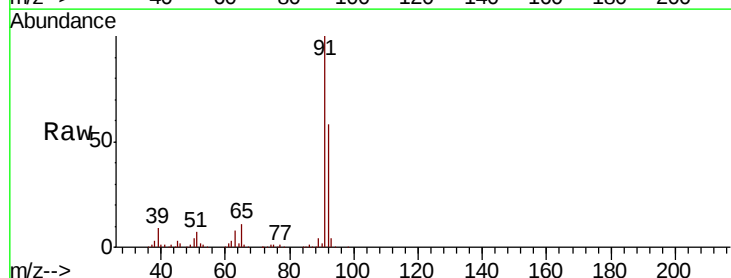
Acq: 26 Mar 2020 16:52

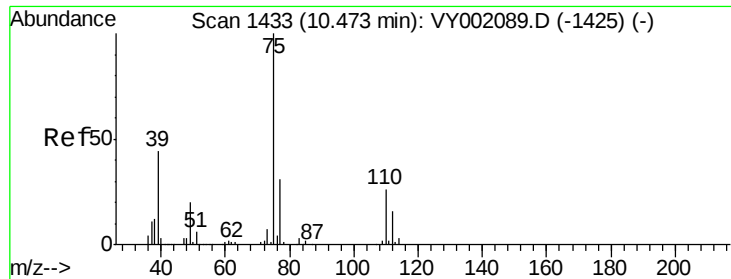
Tgt Ion: 92 Resp: 525290

Ion Ratio Lower Upper

92 100

91 171.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 107.524 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 297973

Ion Ratio Lower Upper

75 100

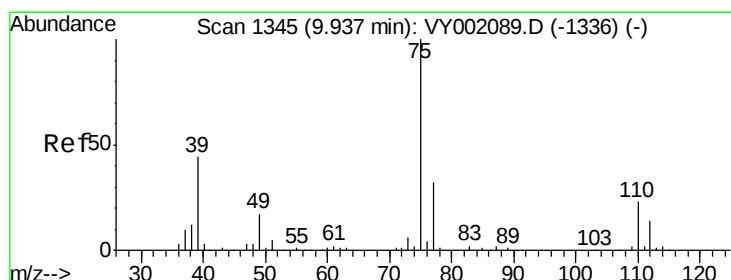
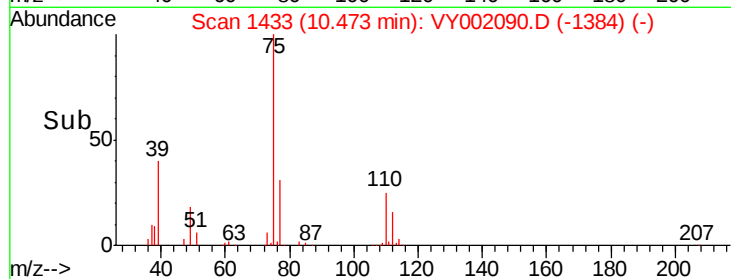
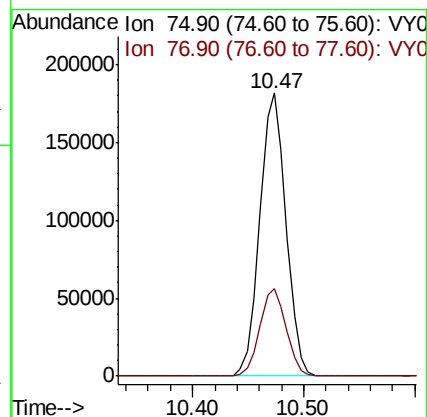
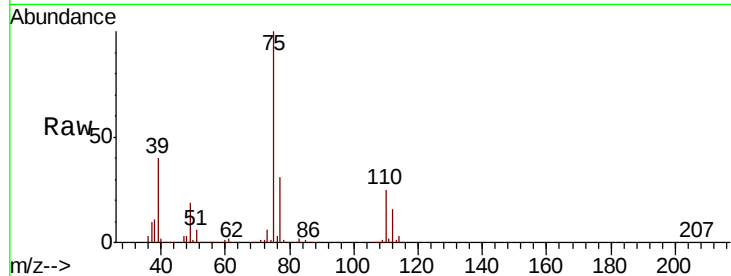
77 31.1 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 105.109 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

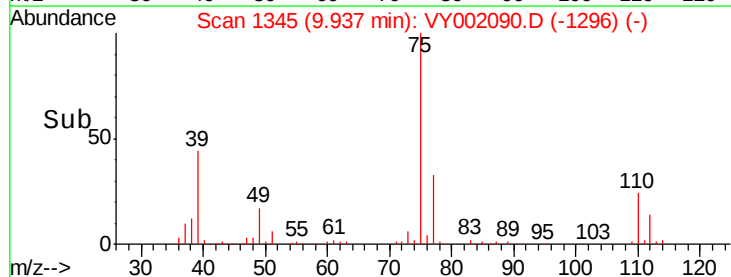
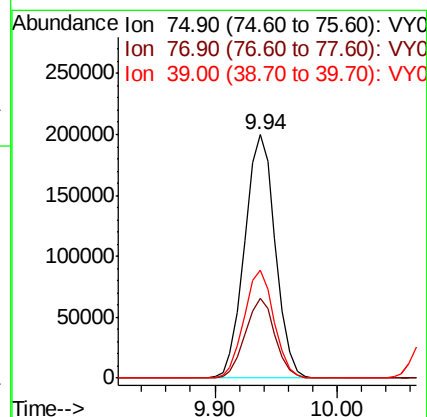
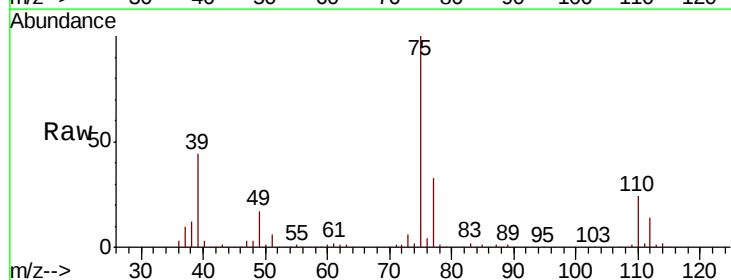
Tgt Ion: 75 Resp: 346758

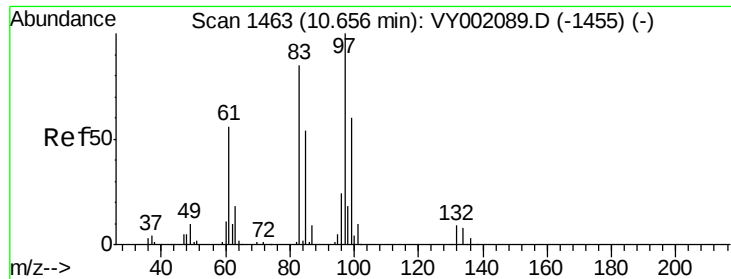
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 44.4 35.2 52.8





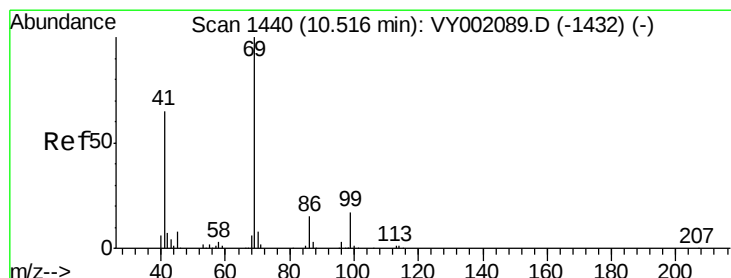
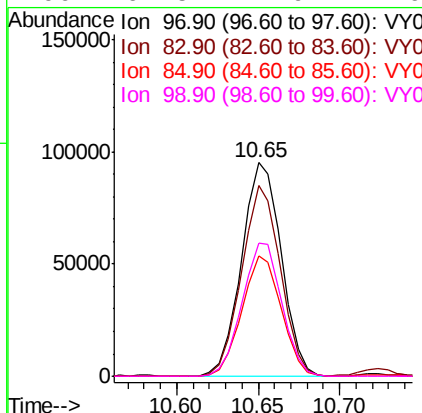
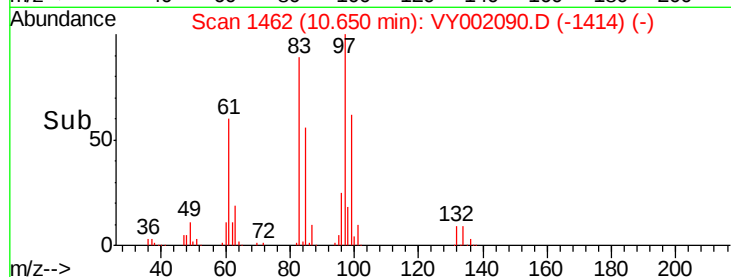
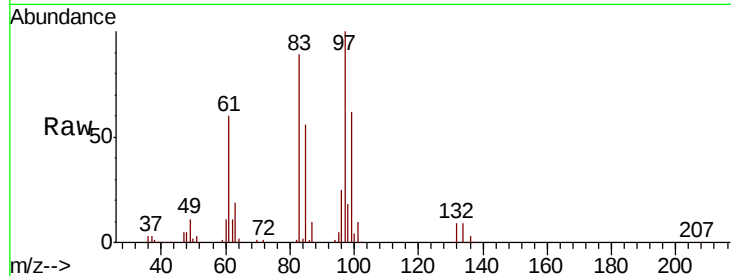
#55
 1,1,2-Trichloroethane
 Concen: 100.730 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	161468
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.2	102.2
85	56.3	42.9	64.3
99	62.5	47.9	71.9

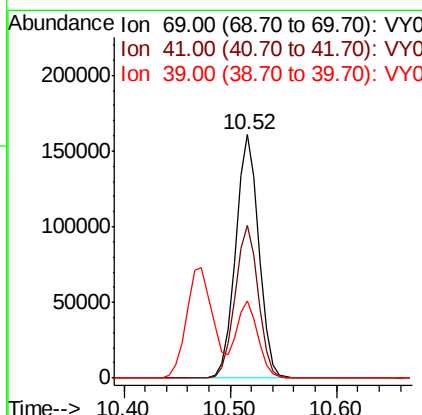
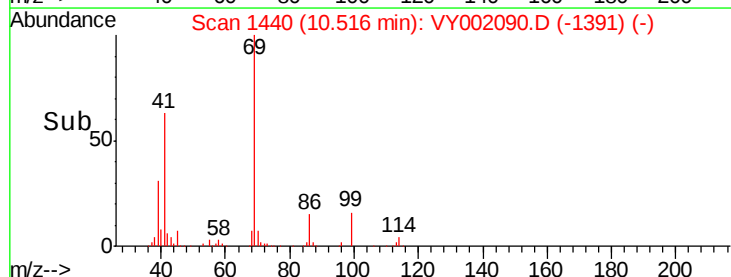
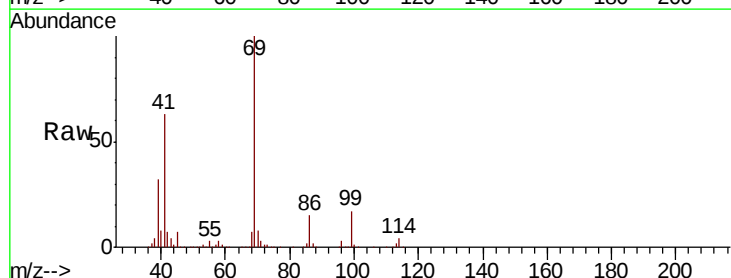
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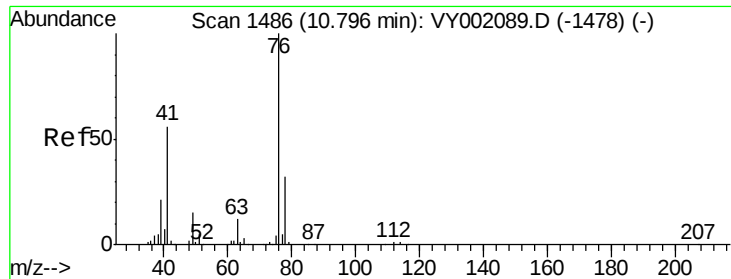
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#56
 Ethyl methacrylate
 Concen: 105.113 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion:	69	Resp:	245109
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.8	79.2
39	29.2	25.0	37.6





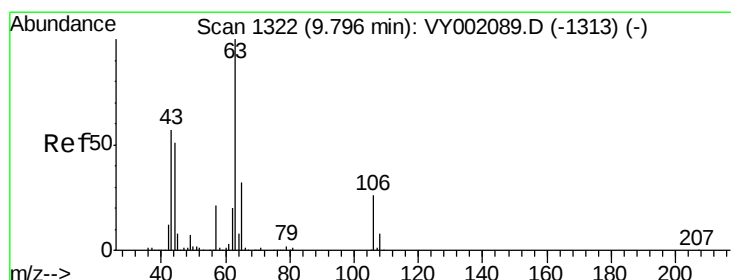
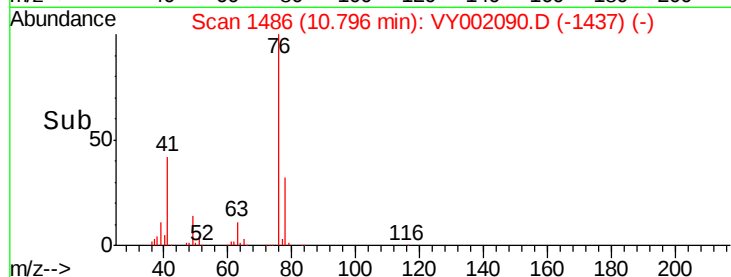
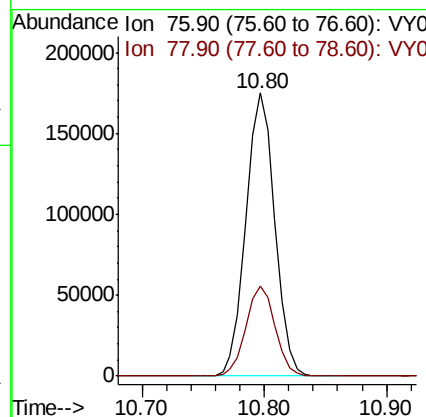
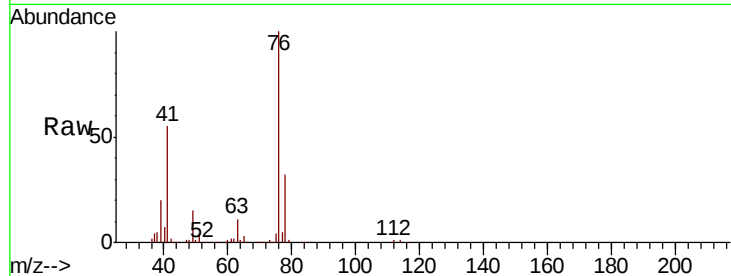
#57
 1,3-Dichloropropane
 Concen: 100.603 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 287134
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

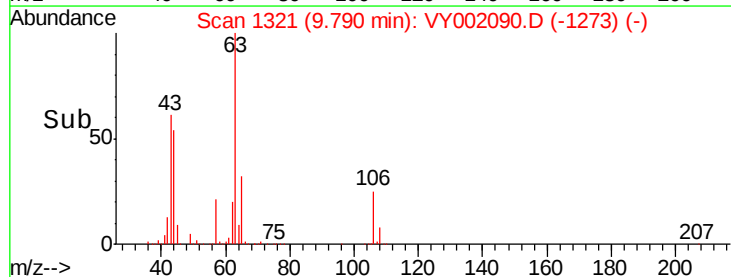
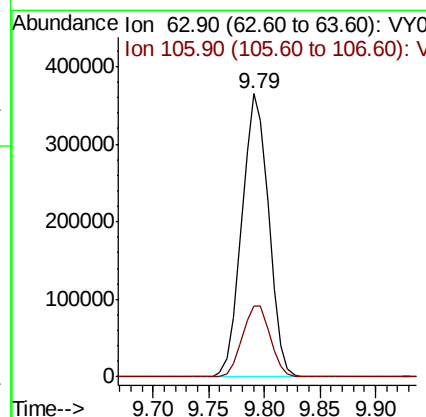
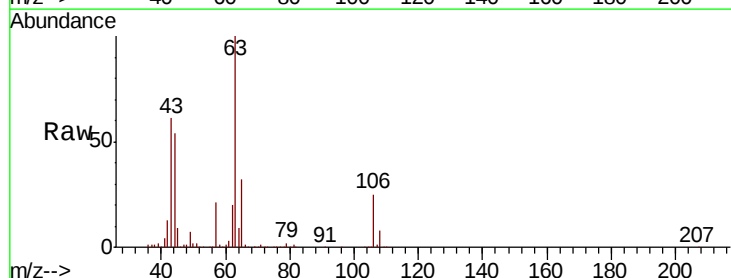
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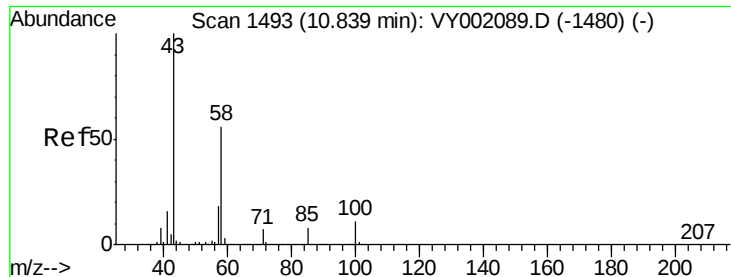
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#58
 2-Chloroethyl Vinyl ether
 Concen: 611.342 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 63 Resp: 607818
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.4





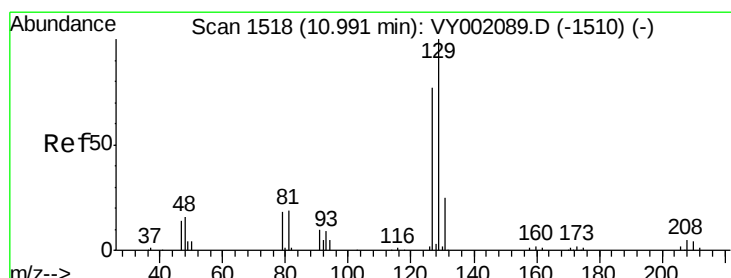
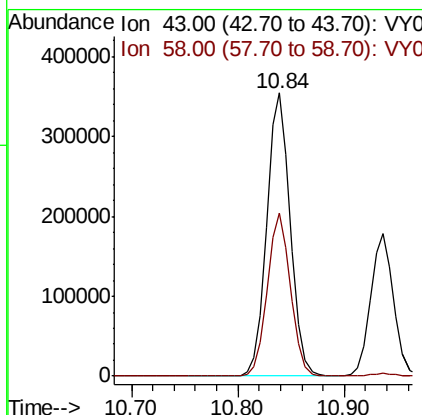
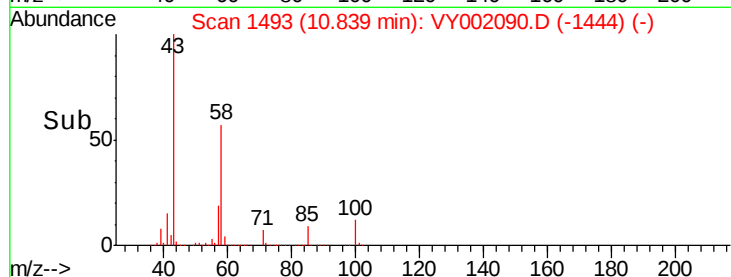
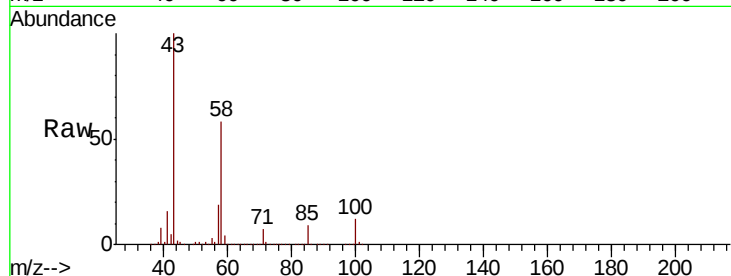
#59
2-Hexanone
Concen: 475.809 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 544943
Ion Ratio Lower Upper
43 100
58 57.0 27.9 83.6

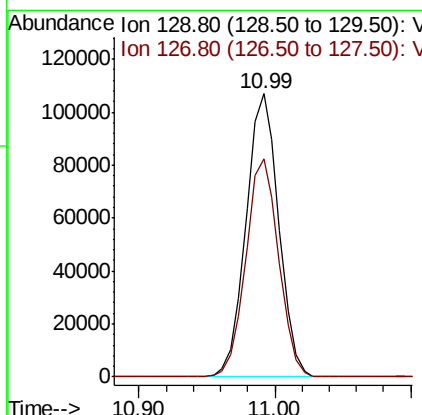
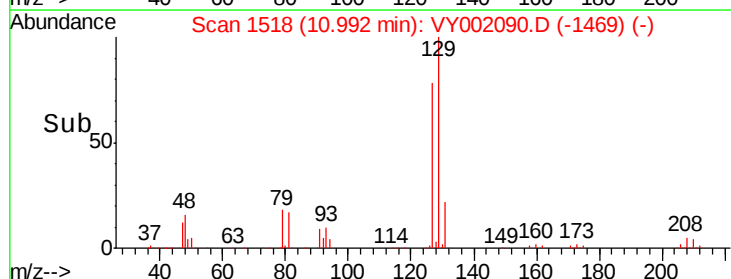
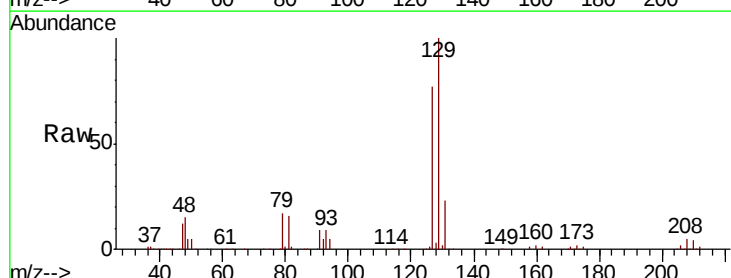
Manual Integrations
APPROVED

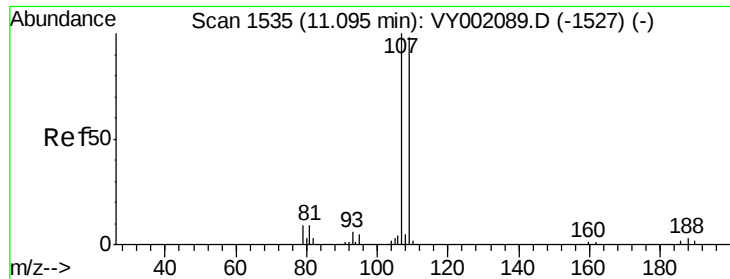
apatel
3/27/2020 4:15:16 PM



#60
Dibromochloromethane
Concen: 106.849 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 129 Resp: 179642
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





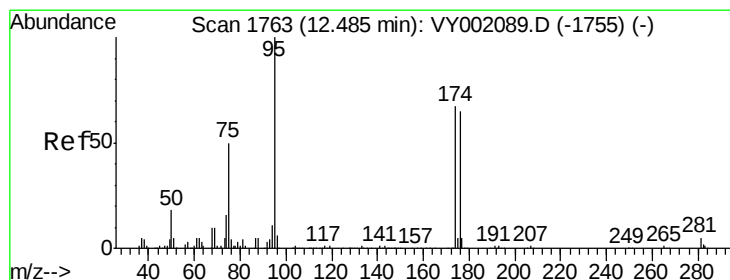
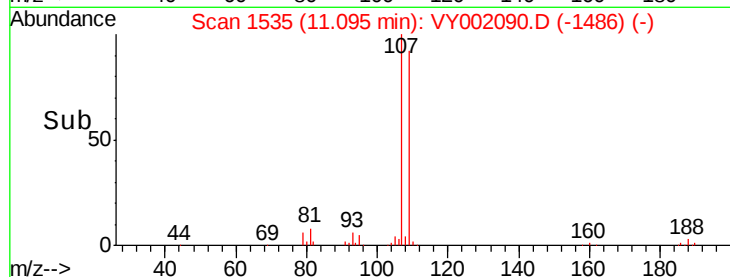
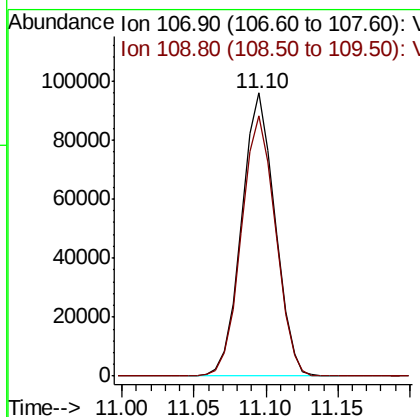
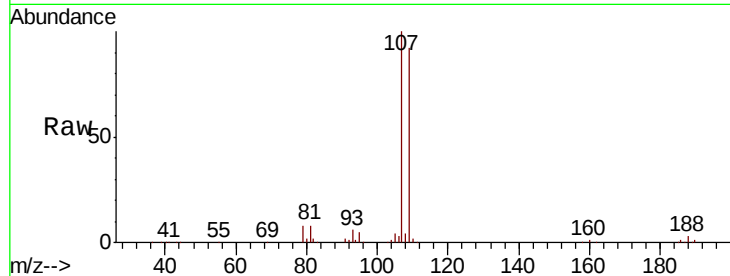
#61
 1,2-Dibromoethane
 Concen: 101.645 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.3	114.5

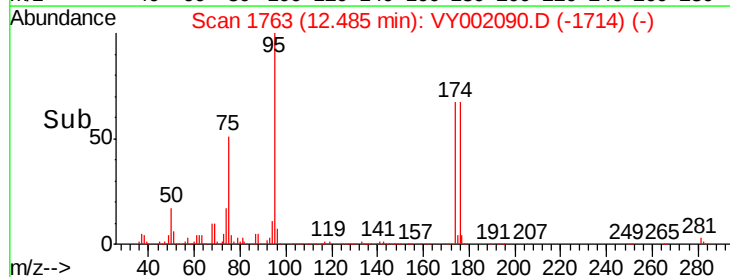
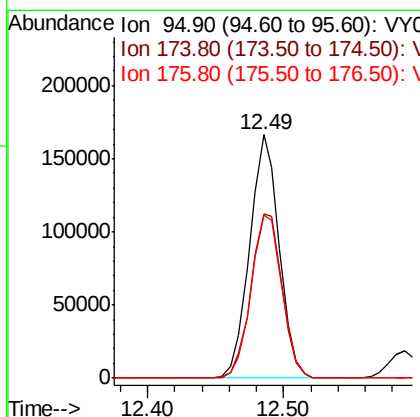
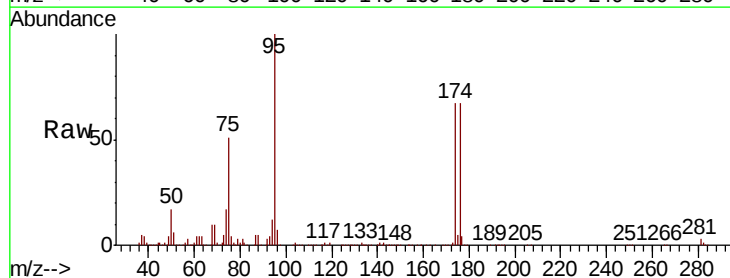
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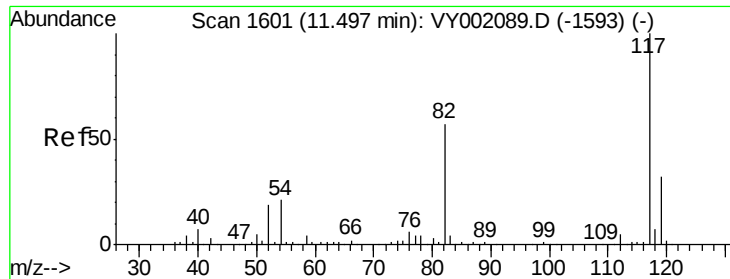
apatel
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#62
 4-Bromofluorobenzene
 Concen: 105.370 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	143.4
176	70.1	0.0	137.0





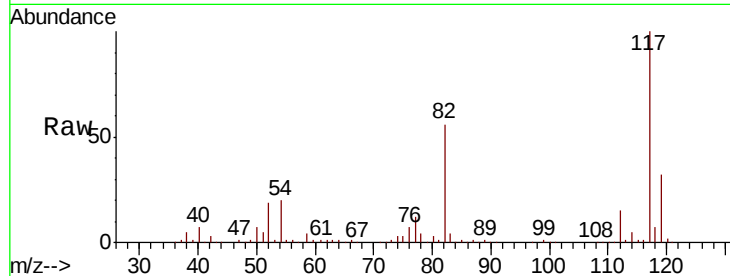
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.4	68.2
119	32.1	25.3	37.9

Manual Integrations
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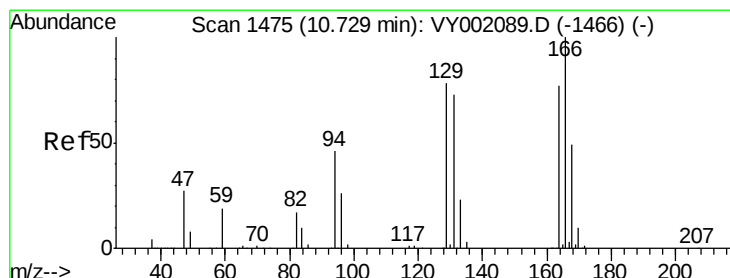
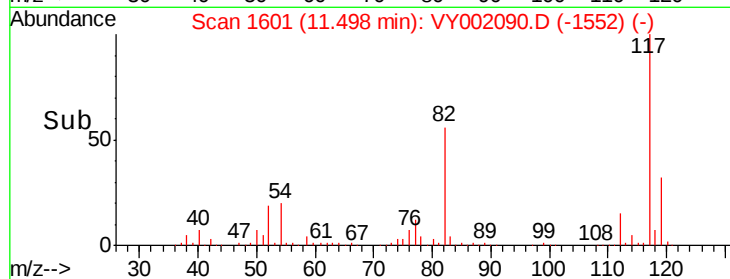
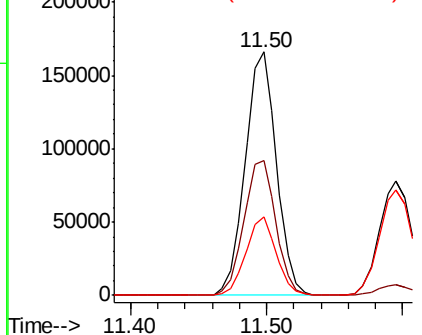


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 99.364 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.6	104.0	156.0
129	97.9	81.2	121.8
131	91.0	75.8	113.6

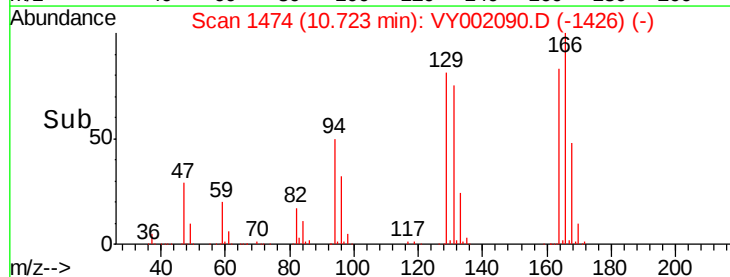
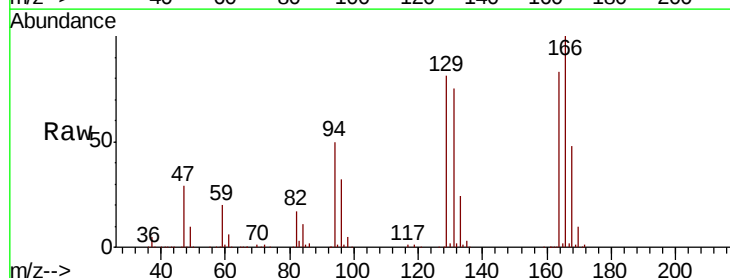
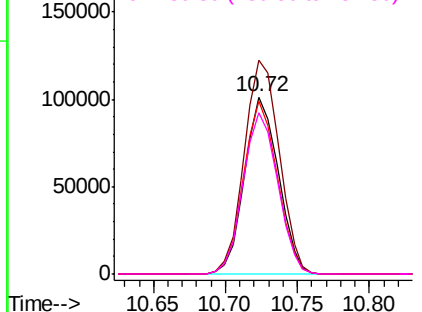
Abundance

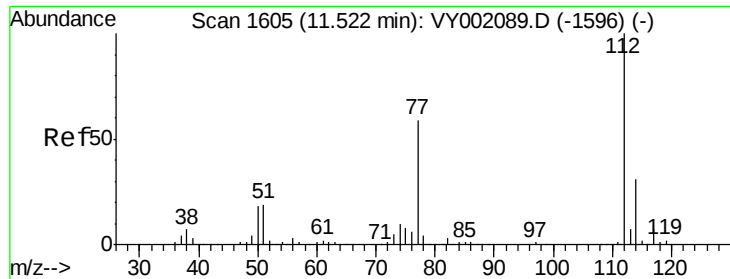
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





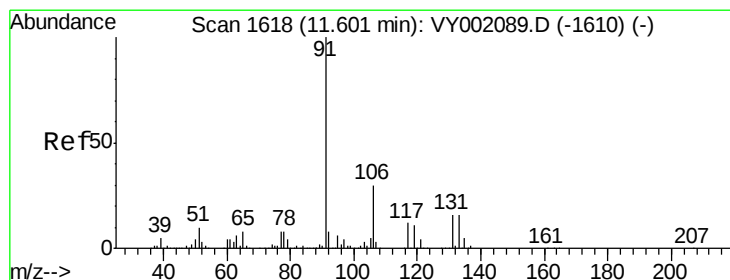
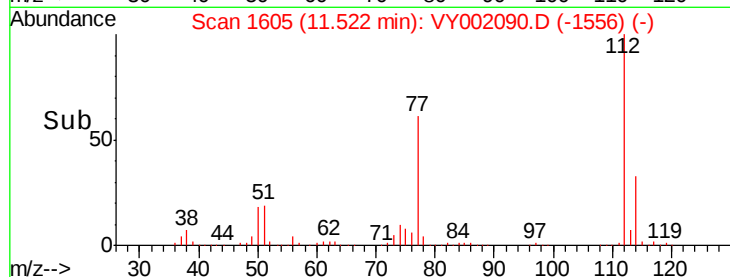
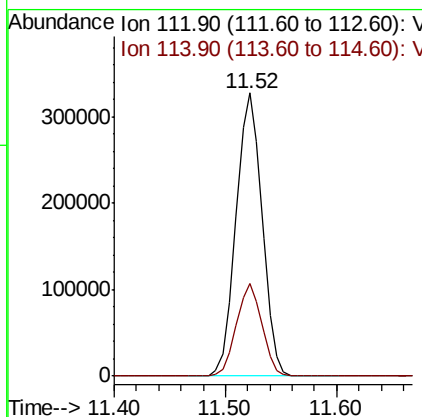
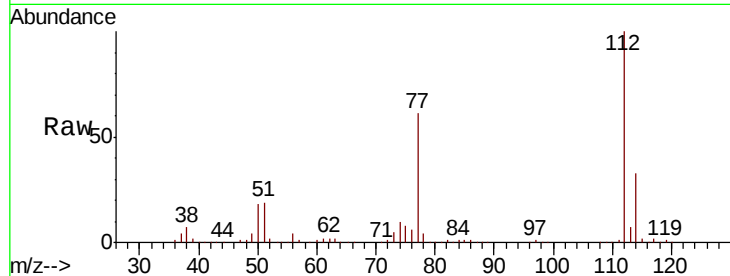
#65
Chlorobenzene
Concen: 100.655 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 528220
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3

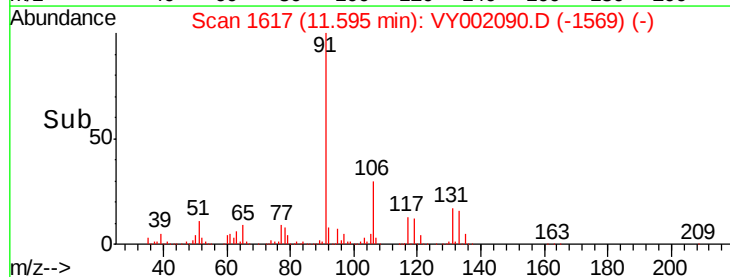
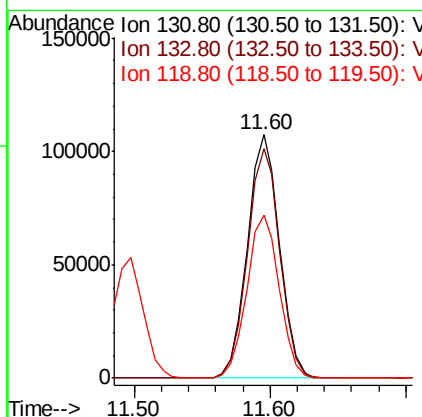
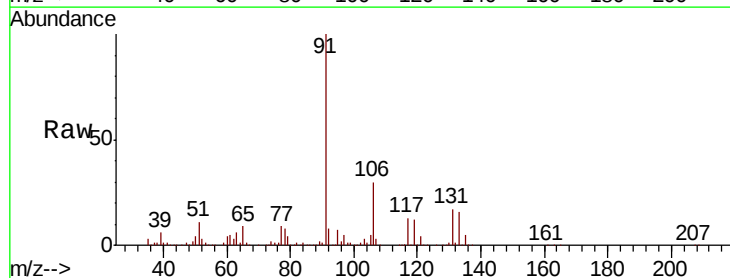
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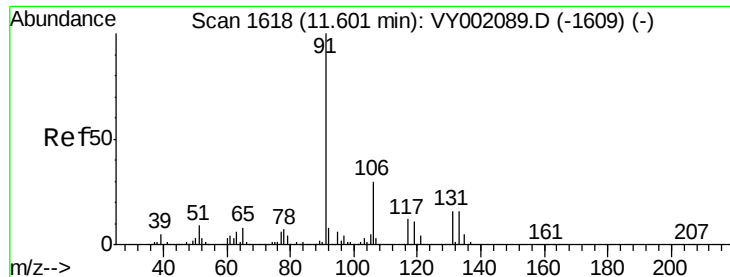
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 102.871 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:131 Resp: 177320
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 67.9 34.6 103.9





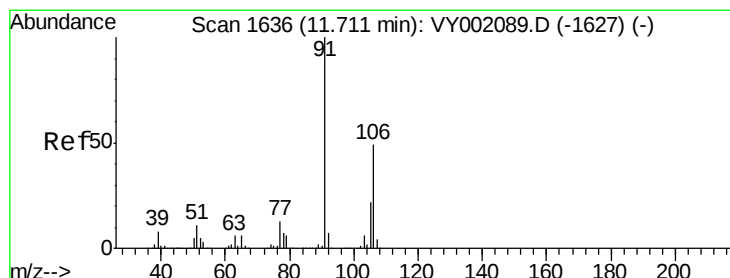
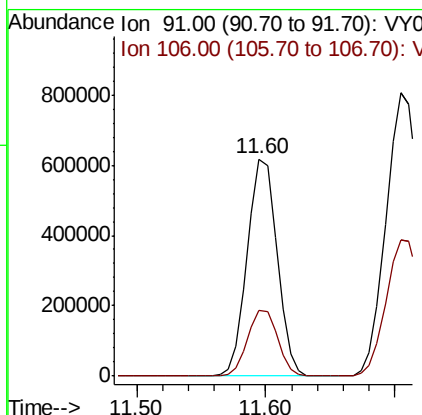
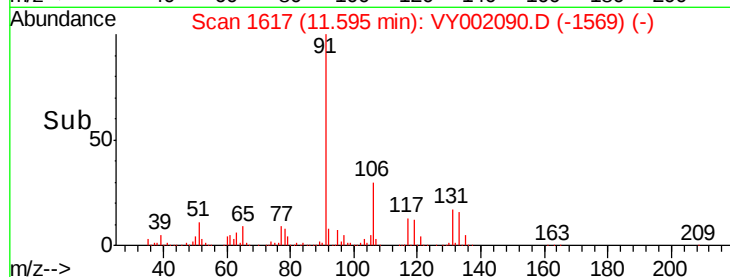
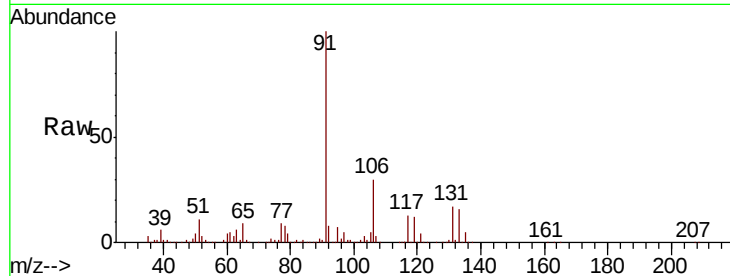
#67
Ethyl Benzene
Concen: 100.964 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 989771
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

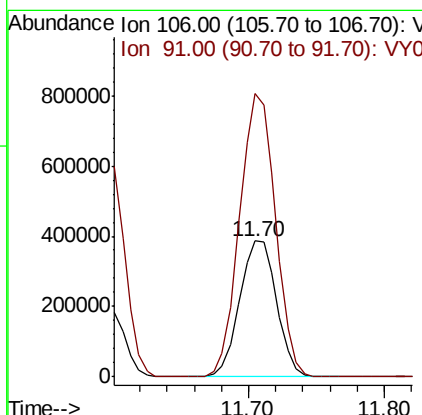
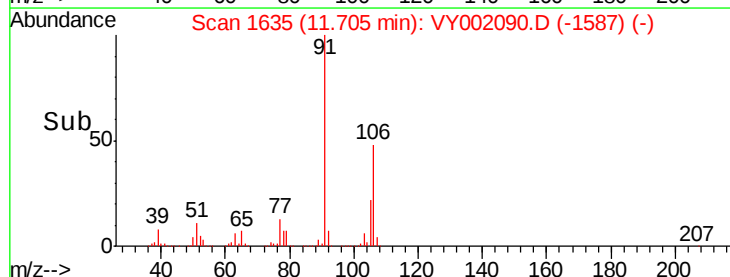
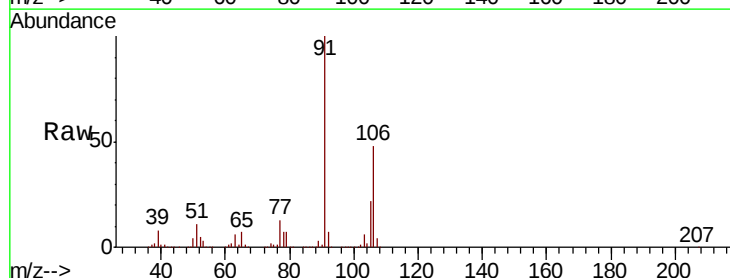
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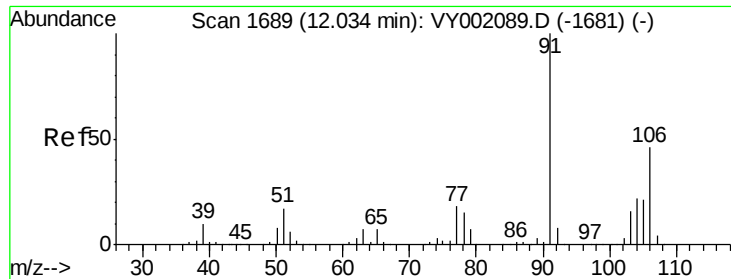
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#68
m/p-Xylenes
Concen: 202.111 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 106 Resp: 731239
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2





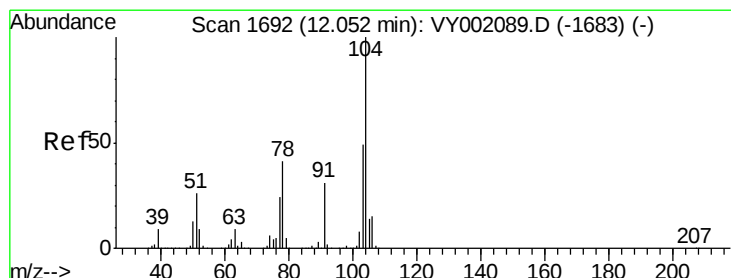
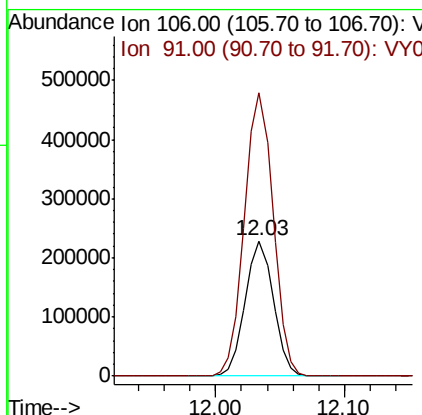
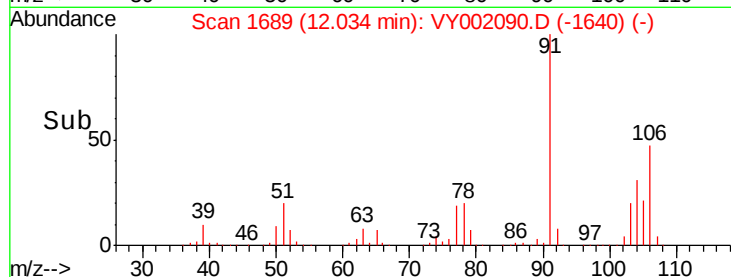
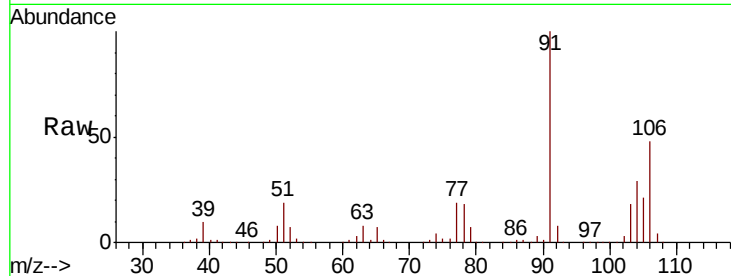
#69
o-Xylene
Concen: 101.465 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 346332
Ion Ratio Lower Upper
106 100
91 213.5 107.3 321.8

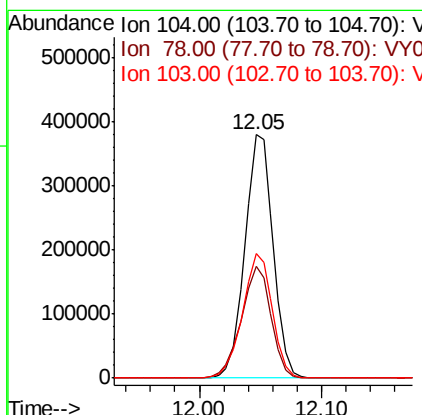
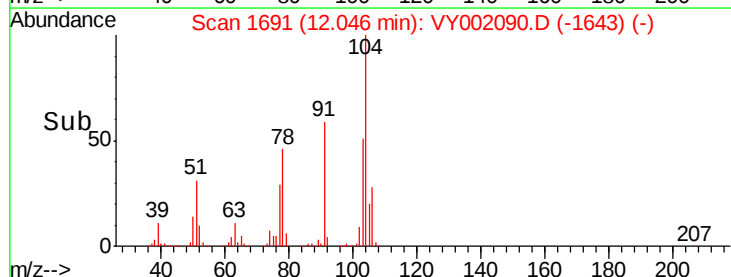
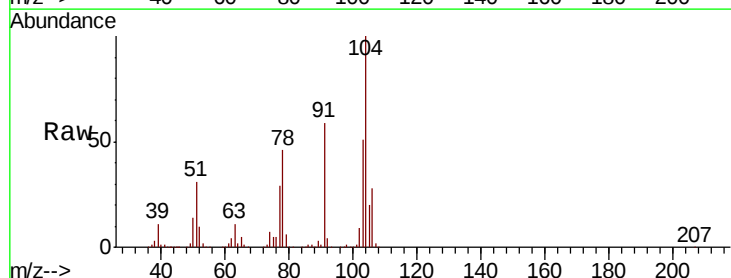
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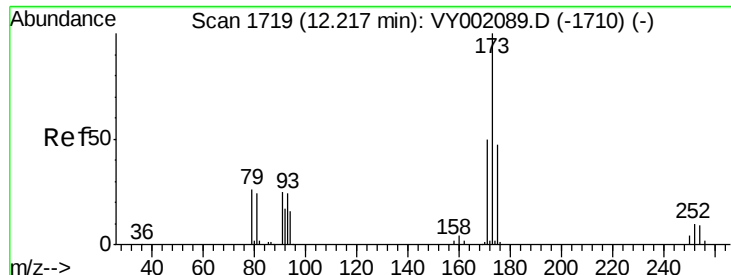
apatel
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#70
Styrene
Concen: 103.868 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:104 Resp: 607668
Ion Ratio Lower Upper
104 100
78 48.3 37.9 56.9
103 53.8 43.2 64.8





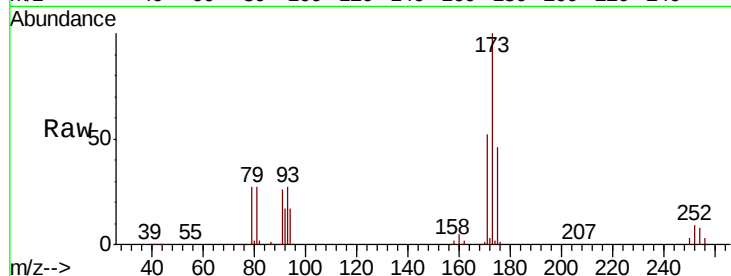
#71
Bromoform
Concen: 107.491 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.9	71.8
254	0.1	0.0	0.0

Manual Integrations
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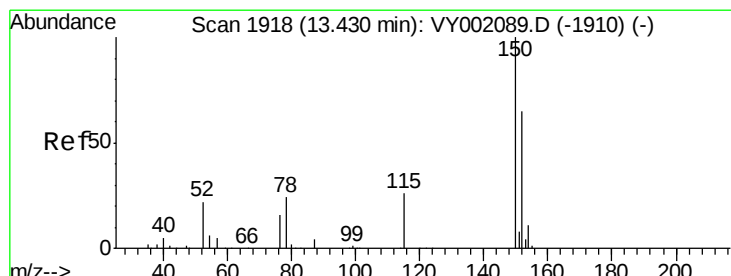
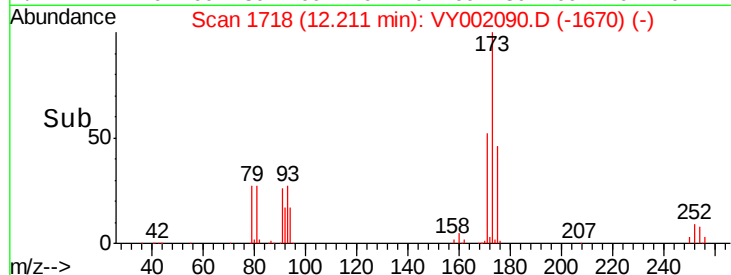
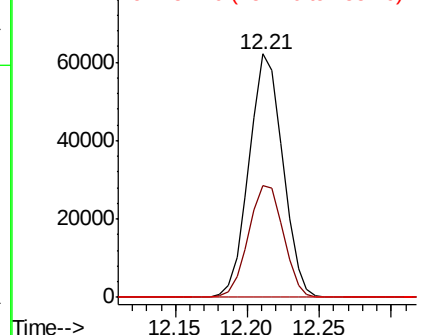


Abundance

Ion 172.70 (172.40 to 173.40): V

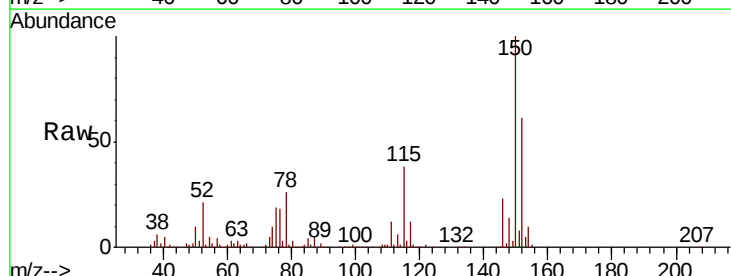
Ion 174.70 (174.40 to 175.40): V

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: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.2	93.6
150	188.2	0.0	354.8

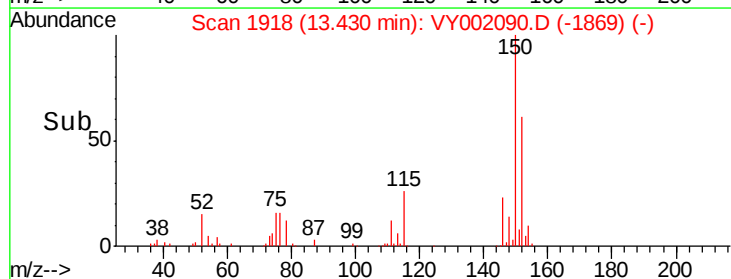
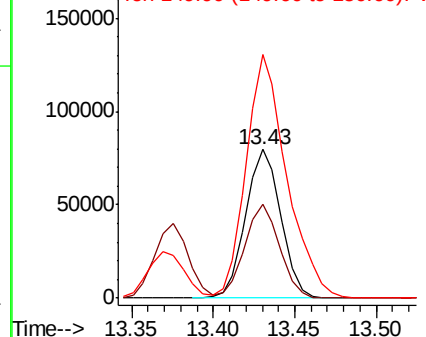


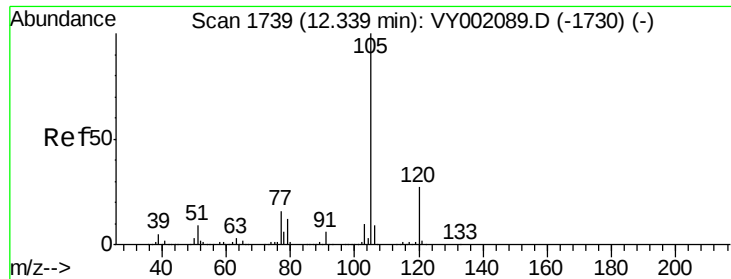
Abundance

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: 103.119 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 105 Resp: 938503

Ion Ratio Lower Upper

105 100

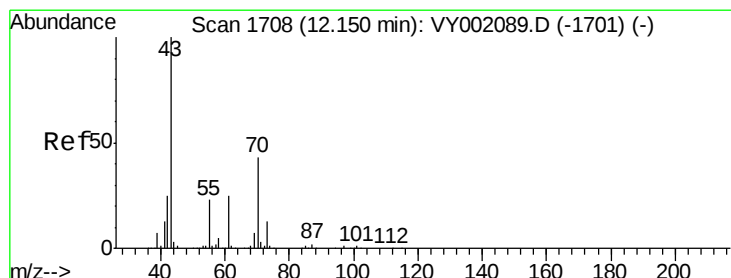
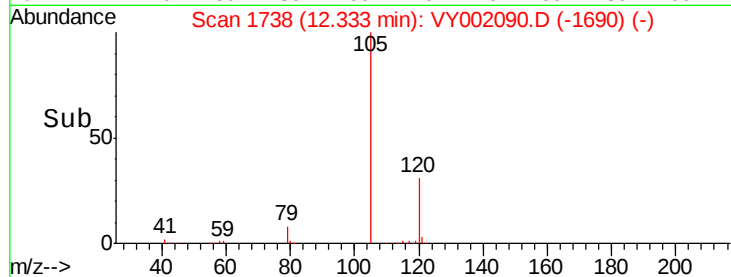
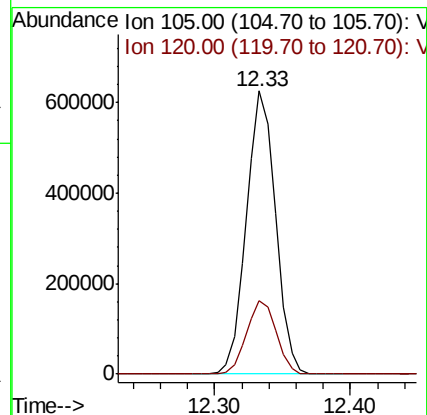
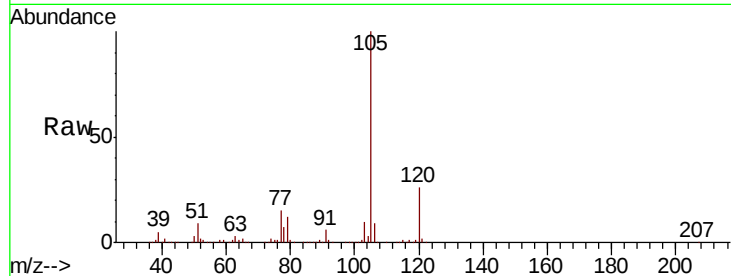
120 26.4 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 99.285 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion: 43 Resp: 277519

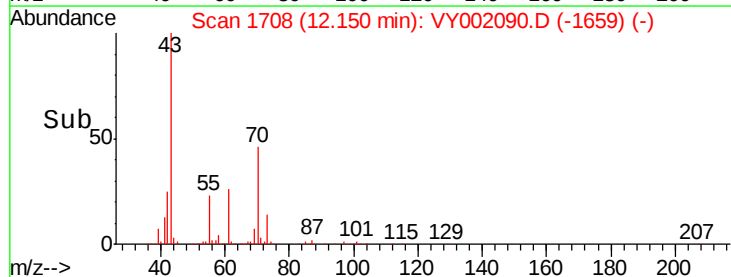
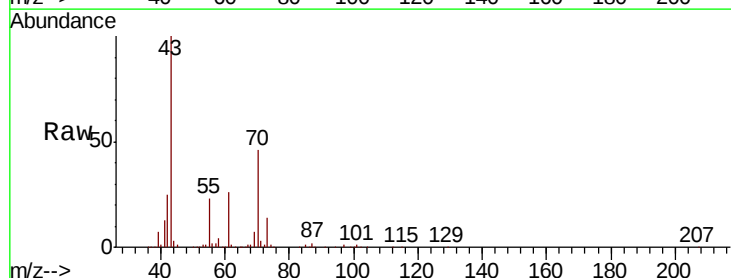
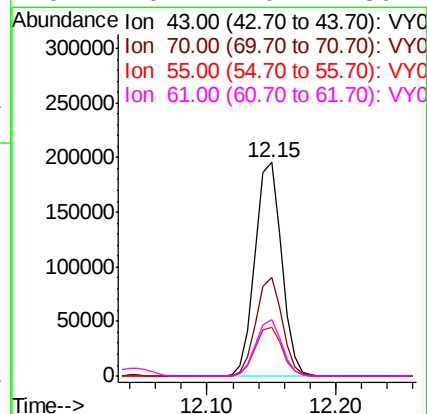
Ion Ratio Lower Upper

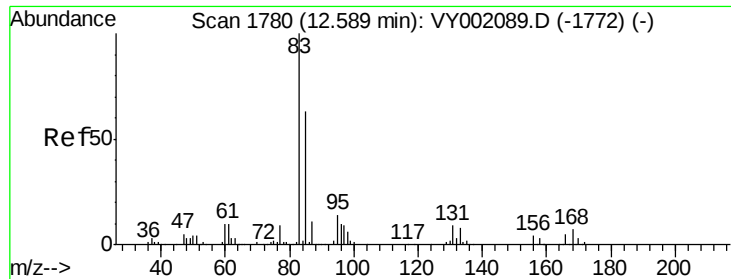
43 100

70 45.4 35.0 52.4

55 23.2 18.7 28.1

61 26.1 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 98.993 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

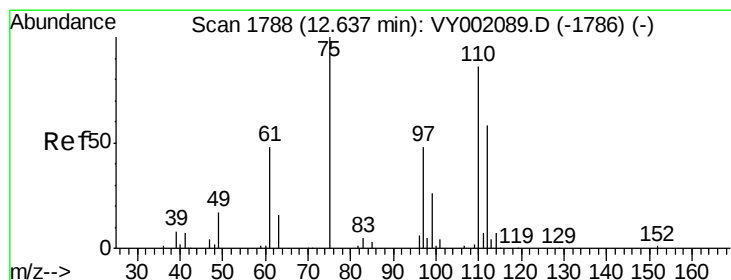
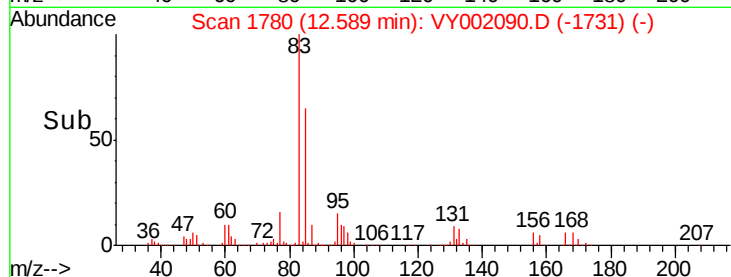
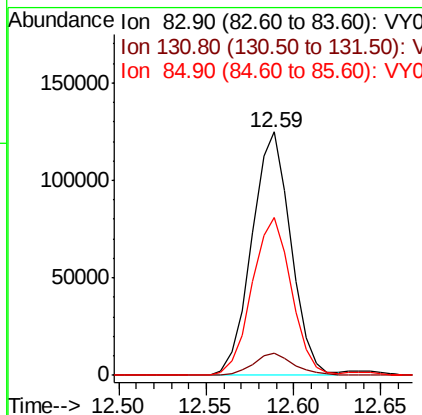
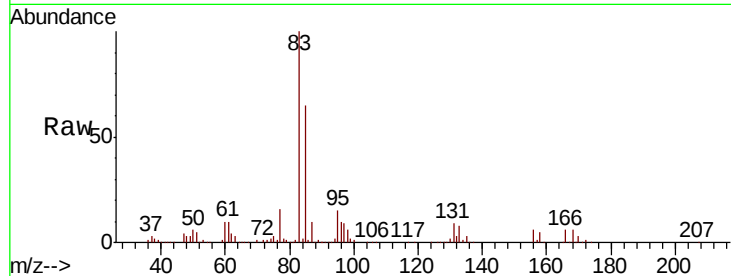
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	193723
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.7	14.1
85	65.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 91.999 ug/l m

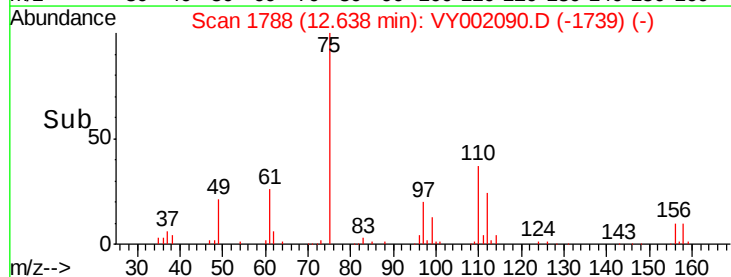
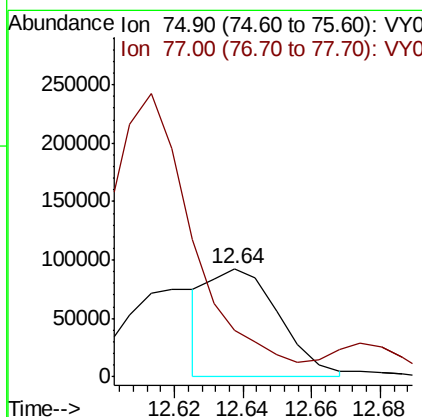
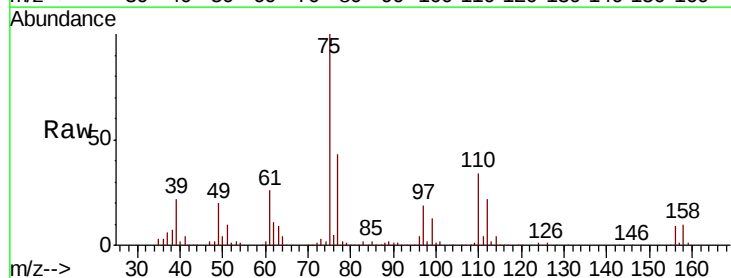
RT: 12.64 min Scan# 1788

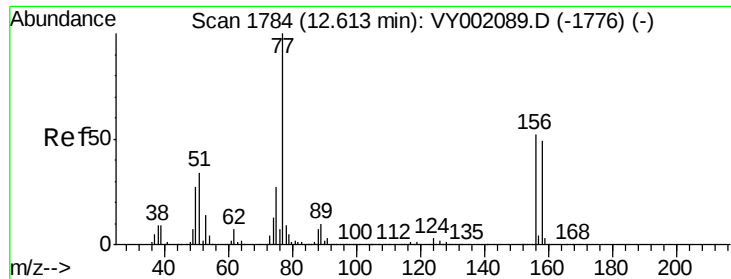
Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion:	75	Resp:	131865
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 102.481 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

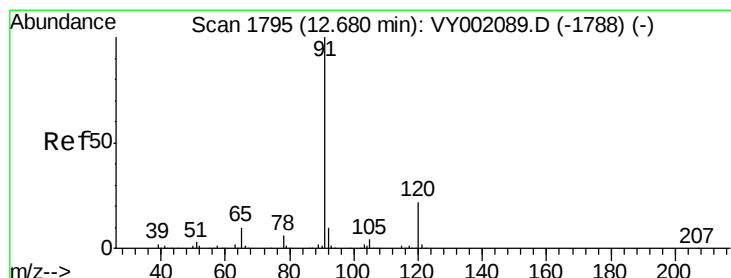
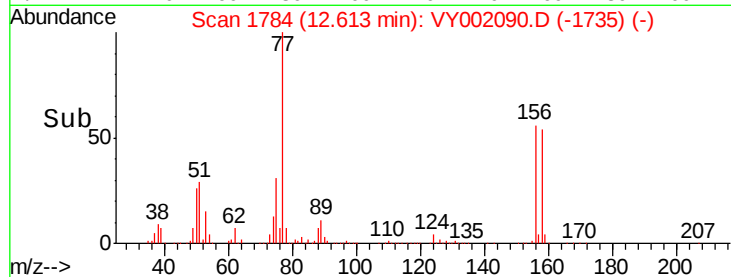
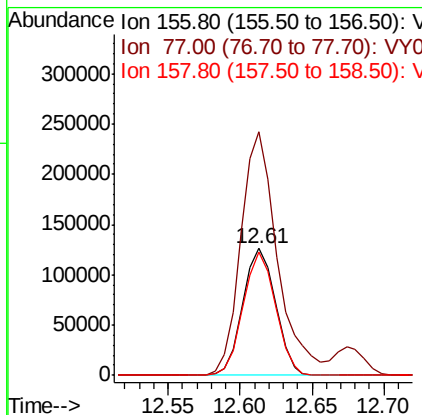
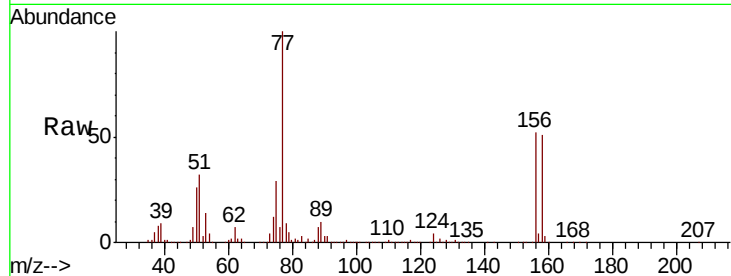
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	214.7	107.8	323.6	
158	96.4	47.5	142.6	

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#78

n-propylbenzene

Concen: 103.132 ug/l

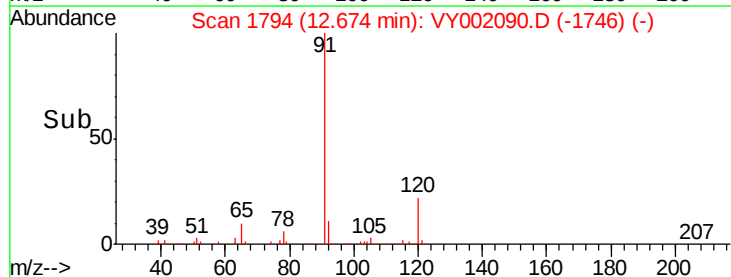
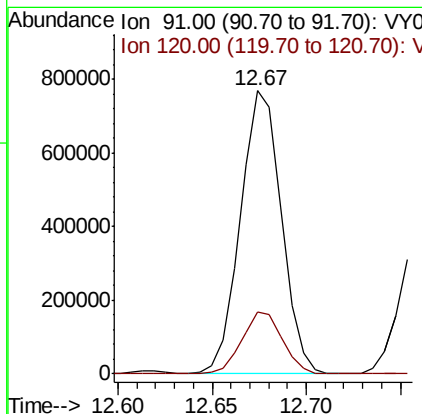
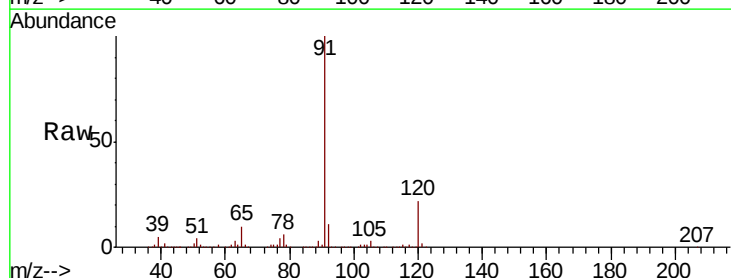
RT: 12.67 min Scan# 1794

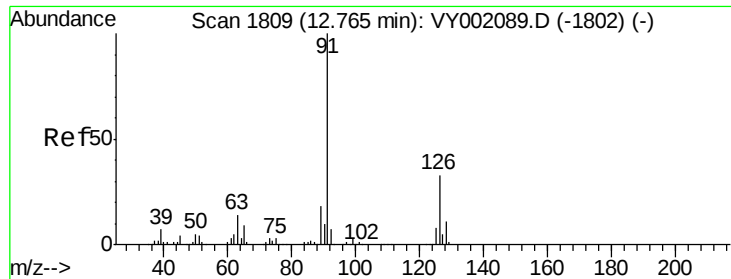
Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	11.1	33.1	





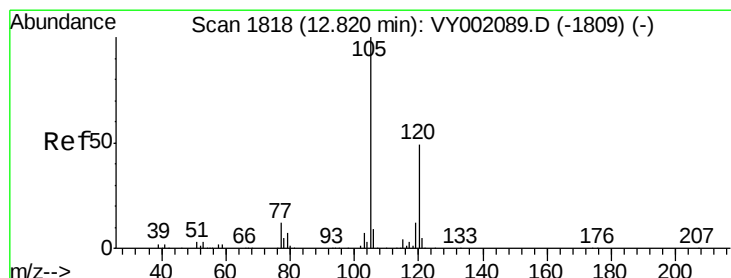
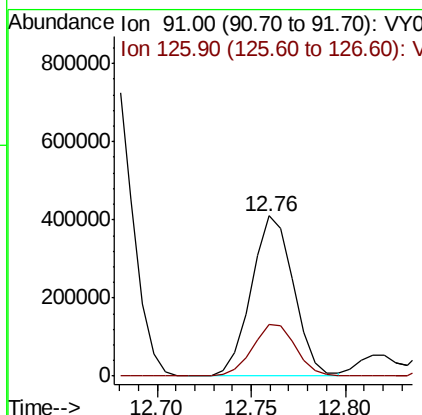
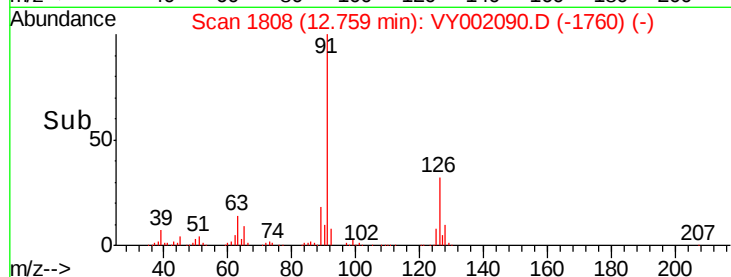
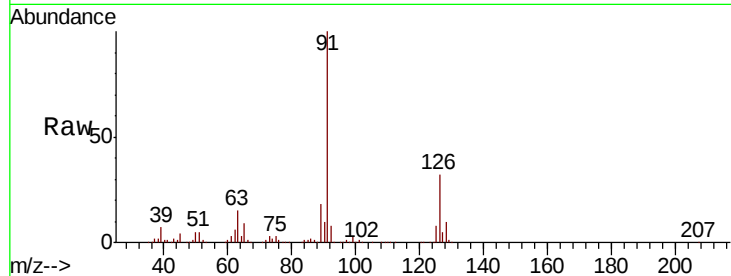
#79
2-Chlorotoluene
Concen: 102.943 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 639090
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

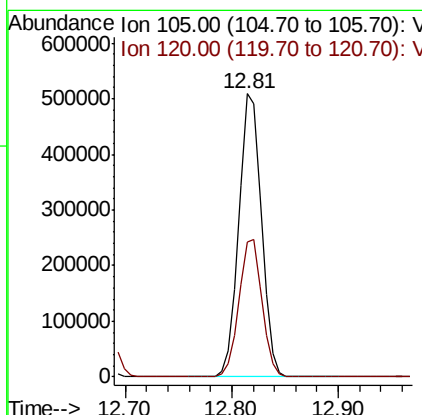
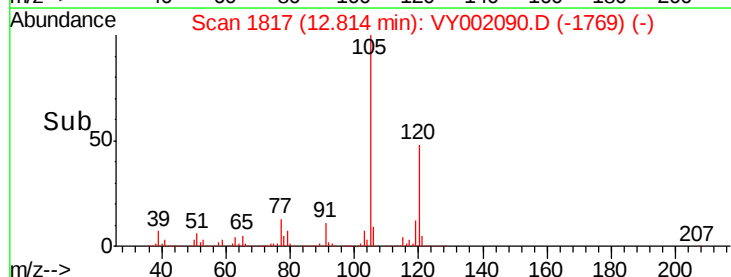
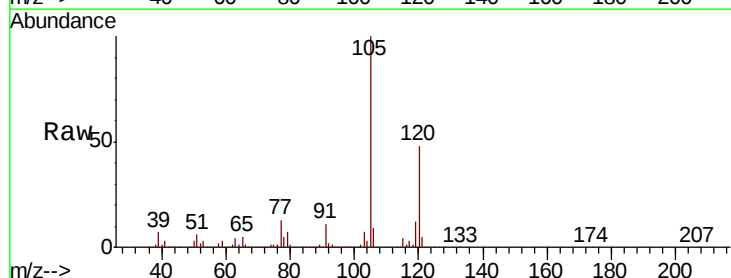
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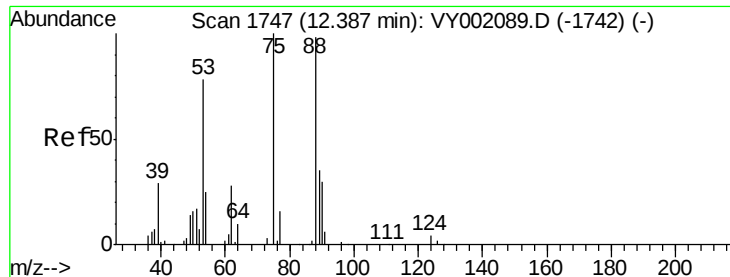
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 101.765 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 105 Resp: 764381
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4





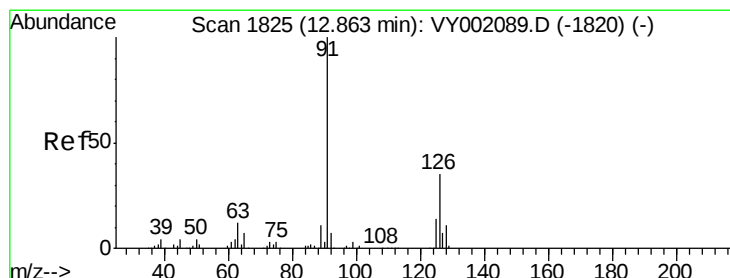
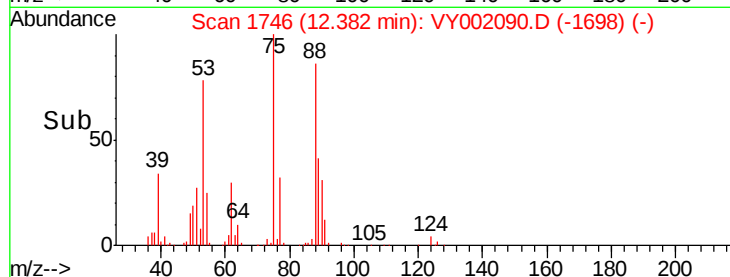
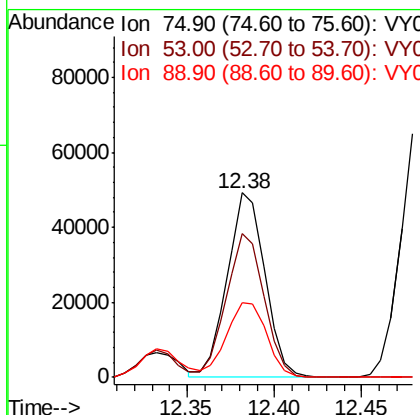
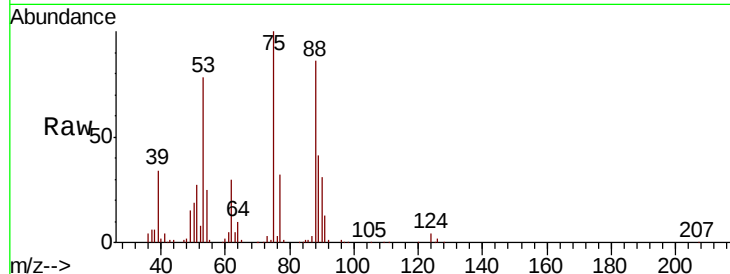
#81
trans-1,4-Dichloro-2-butene
Concen: 105.003 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	77.9	65.0	97.4
89	42.9	33.4	50.0

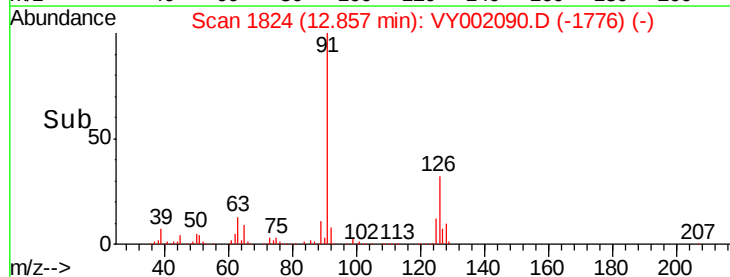
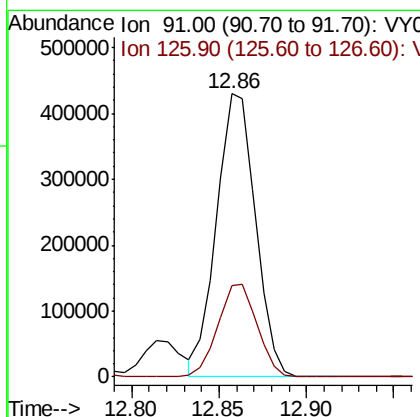
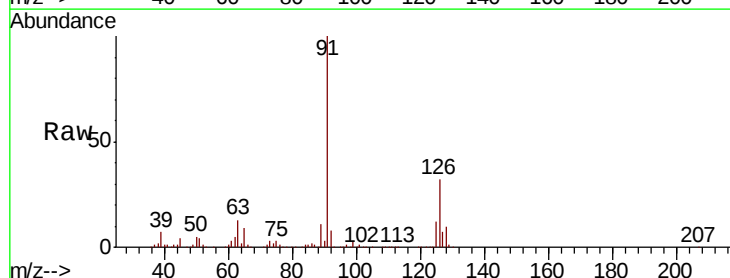
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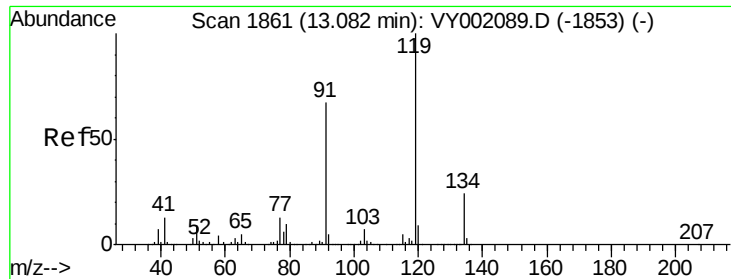
apatel
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#82
4-Chlorotoluene
Concen: 103.045 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9





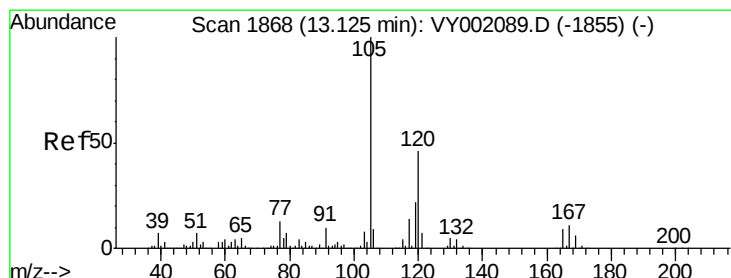
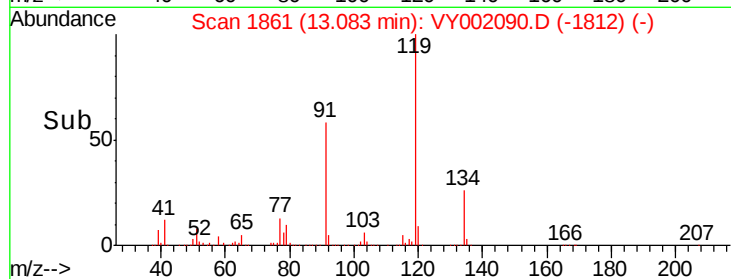
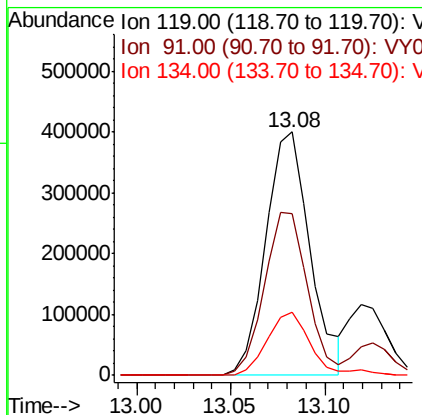
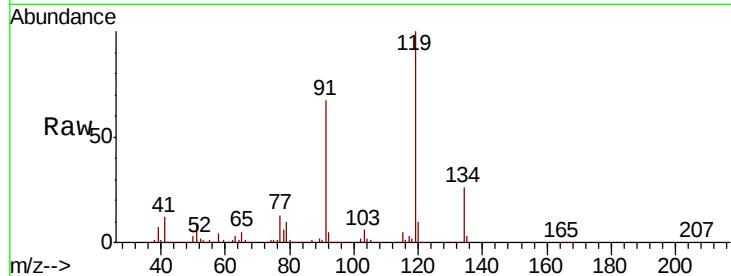
#83
tert-Butylbenzene
Concen: 104.344 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	652903		
91	65.1	32.9	98.6	
134	25.9	13.0	38.9	

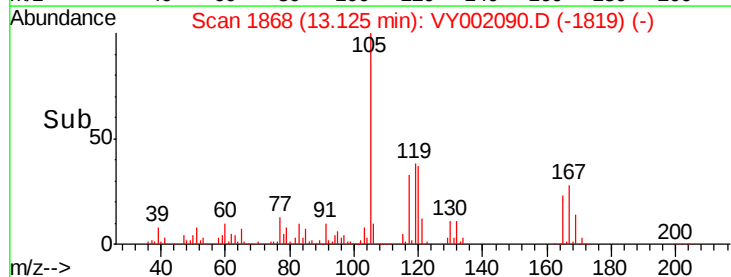
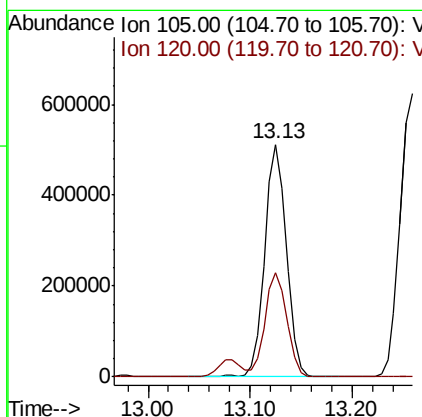
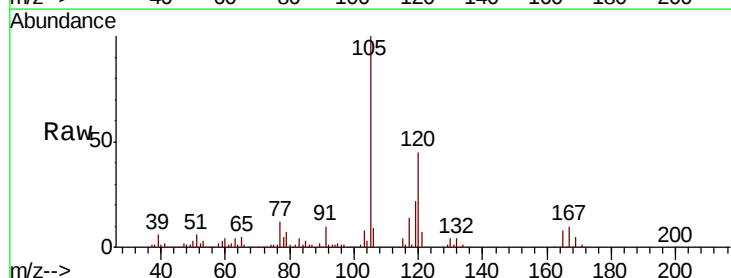
Manual Integrations
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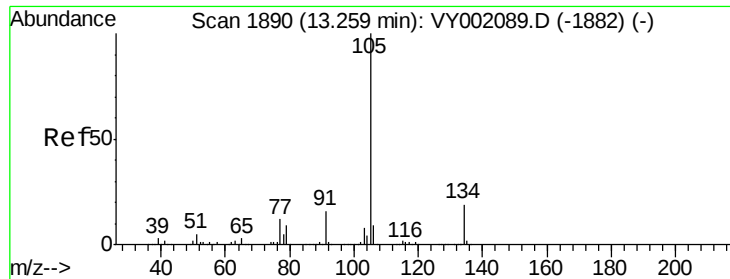
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#84
1,2,4-Trimethylbenzene
Concen: 101.822 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	758202		
120	45.2	22.9	68.5	





#85

sec-Butylbenzene

Concen: 102.425 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 942257

Ion Ratio Lower Upper

105 100

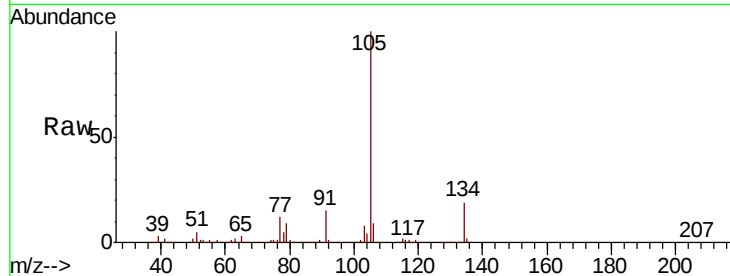
134 19.3 9.7 29.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

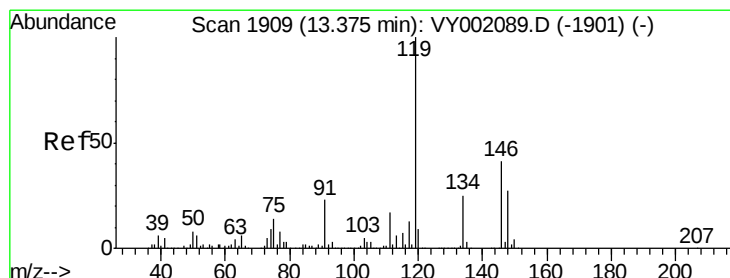
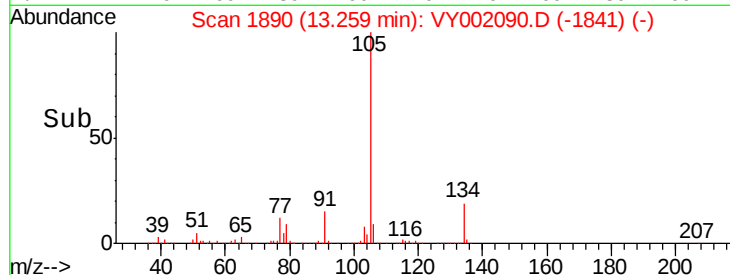
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 101.448 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

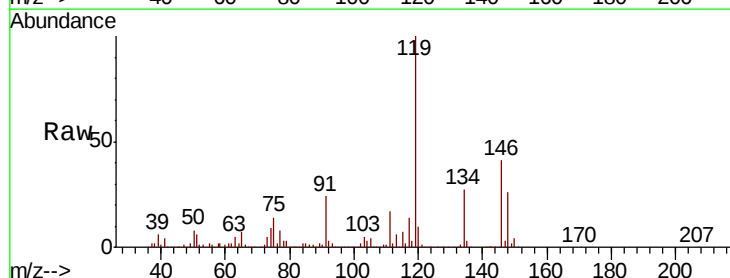
Tgt Ion:119 Resp: 805454

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.6 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

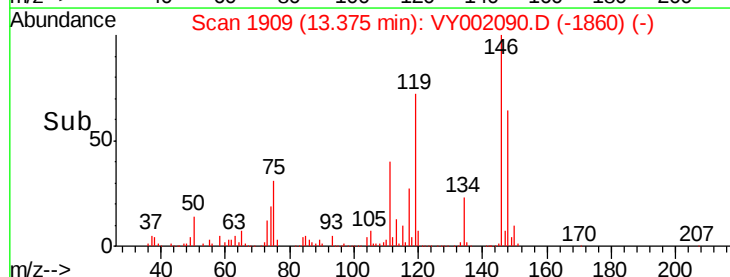
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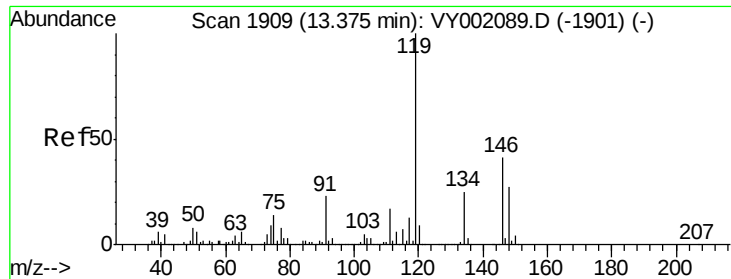
400000

200000

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Time-->





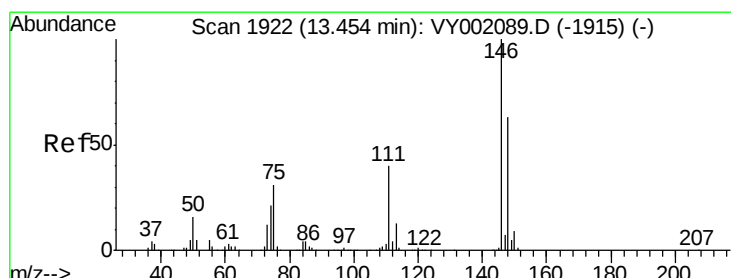
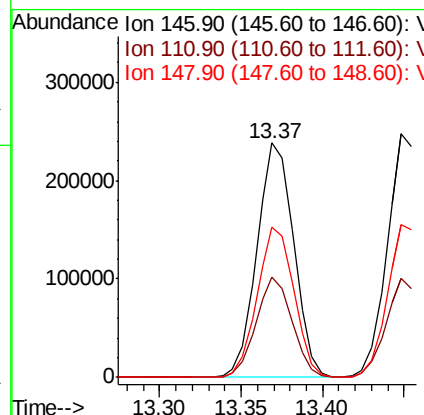
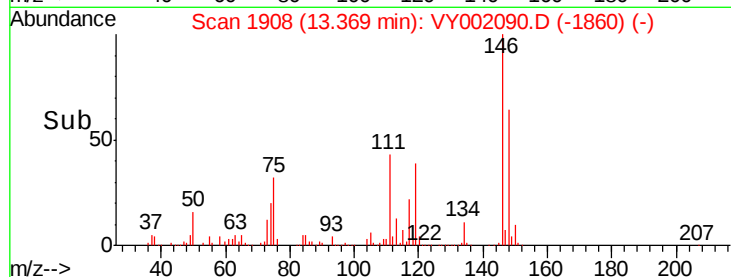
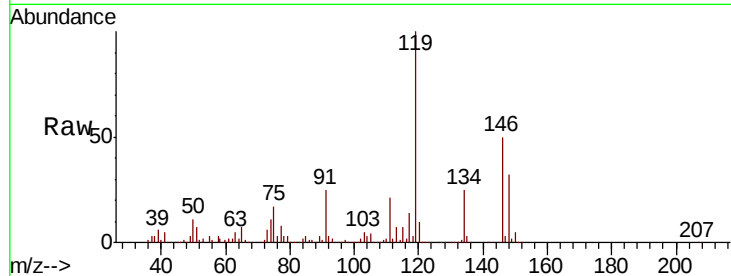
#87
 1,3-Dichlorobenzene
 Concen: 99.040 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	63.8	32.1	96.5

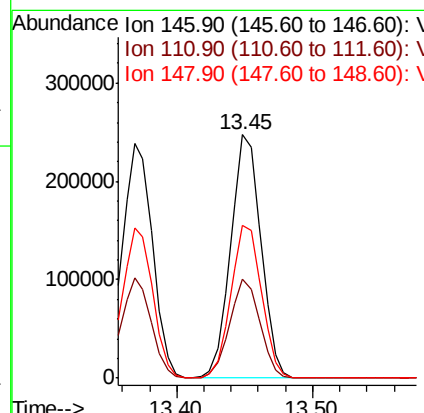
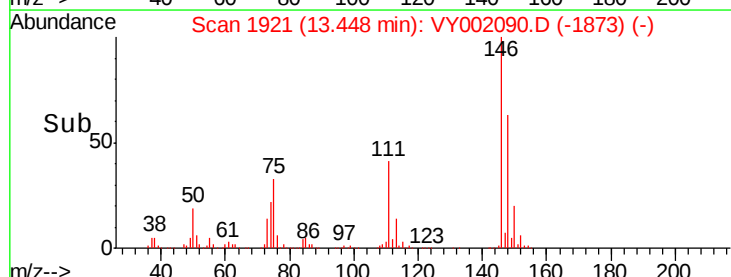
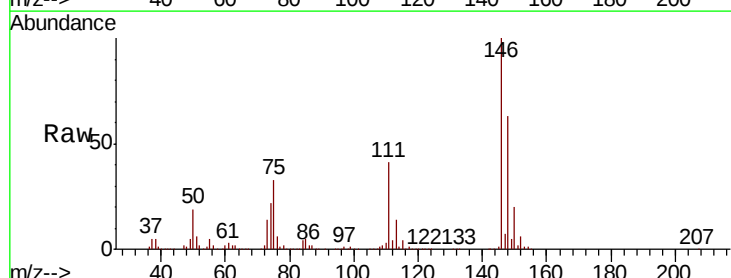
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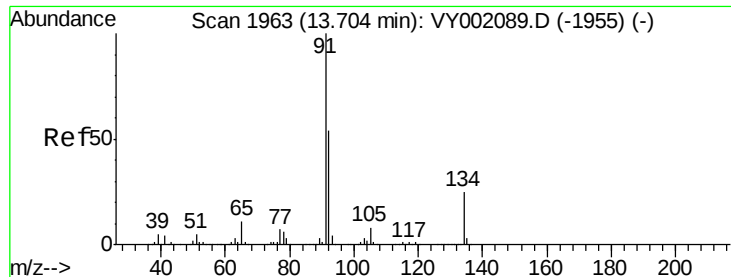
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#88
 1,4-Dichlorobenzene
 Concen: 99.772 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	63.6	31.5	94.5





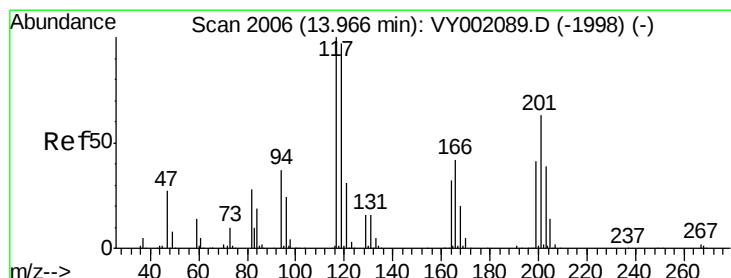
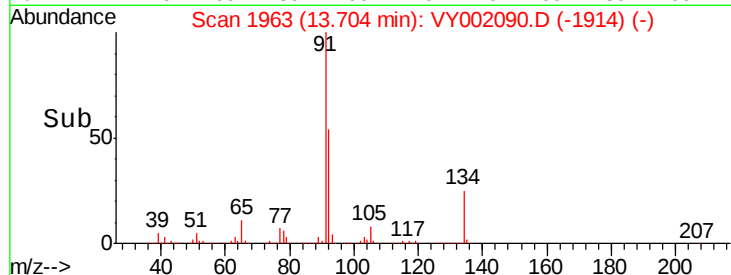
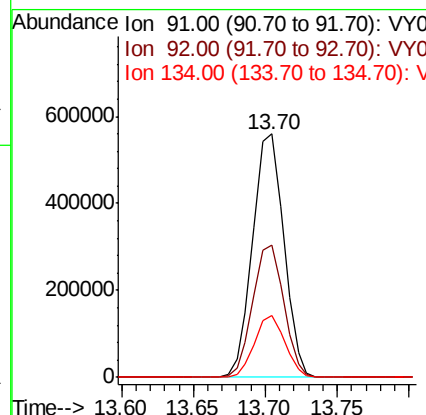
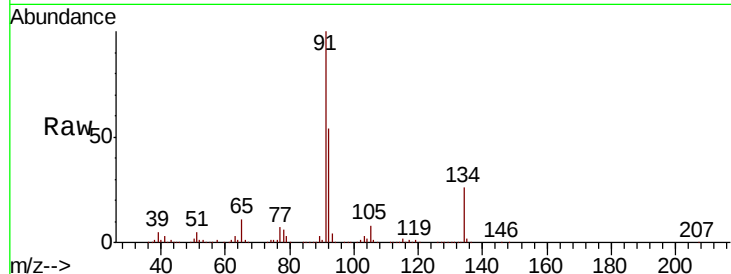
#89
n-Butylbenzene
Concen: 101.609 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.0	81.0	
134	24.7	12.3	36.8	

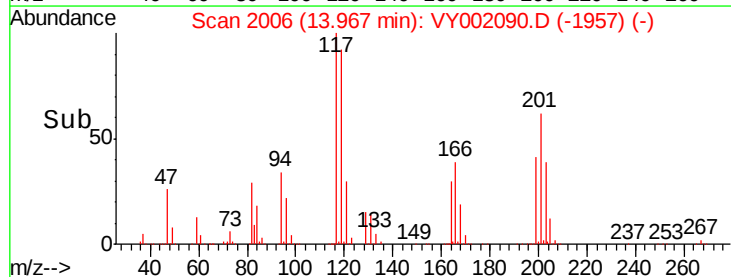
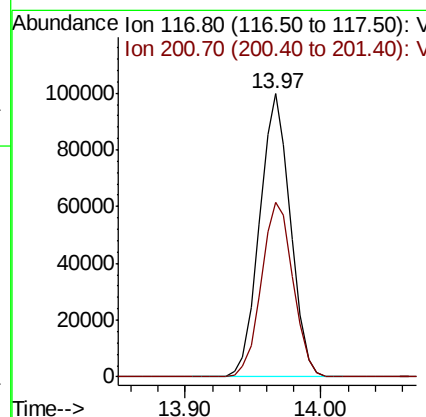
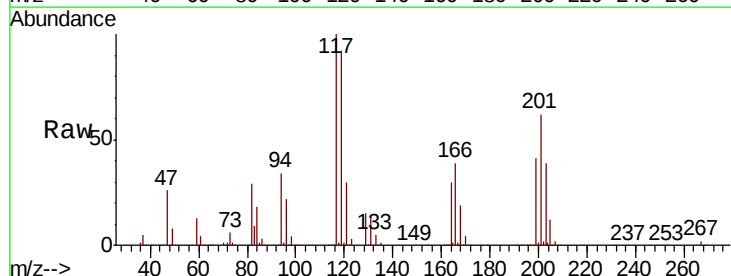
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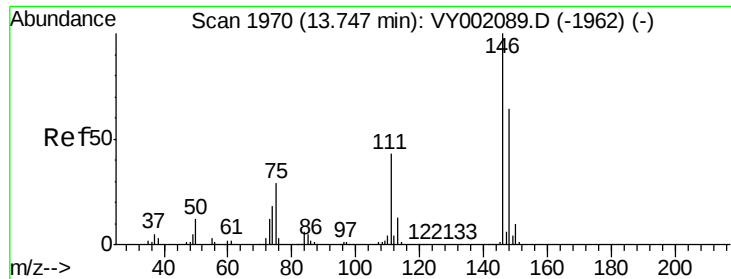
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#90
Hexachloroethane
Concen: 105.789 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	63.5	31.6	94.8	





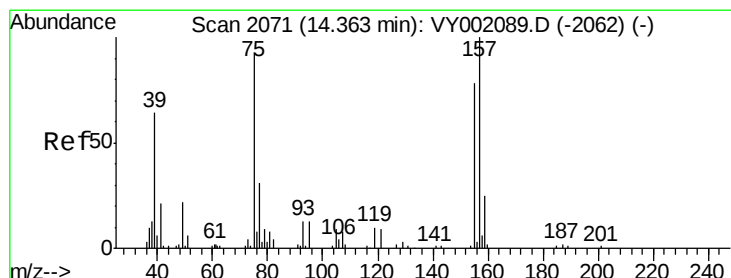
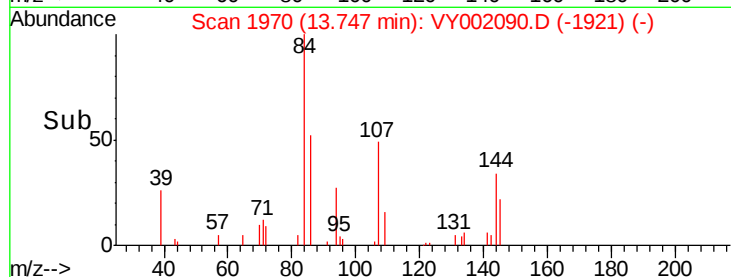
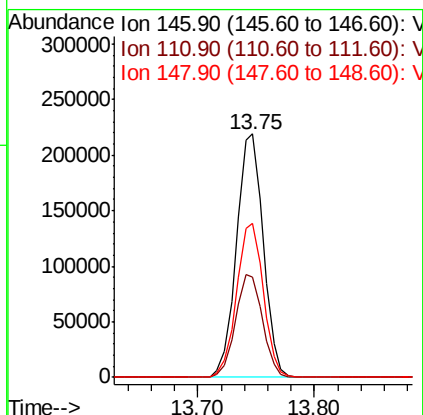
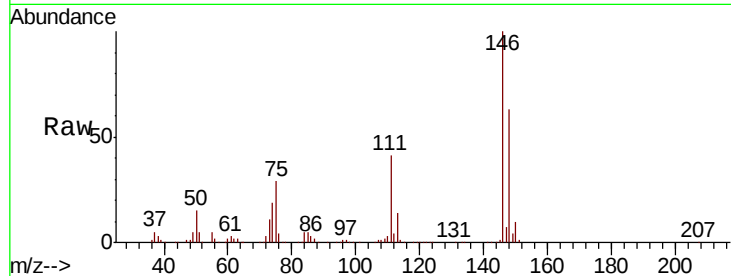
#91
 1,2-Dichlorobenzene
 Concen: 101.939 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	63.4	31.8	95.4

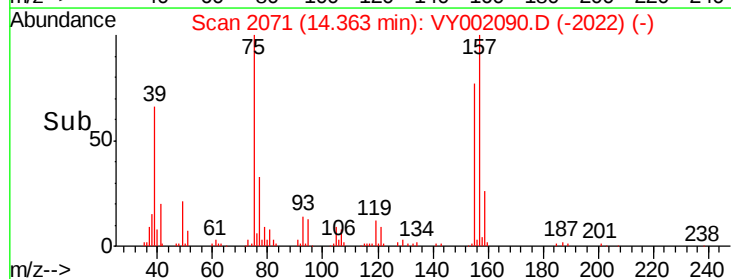
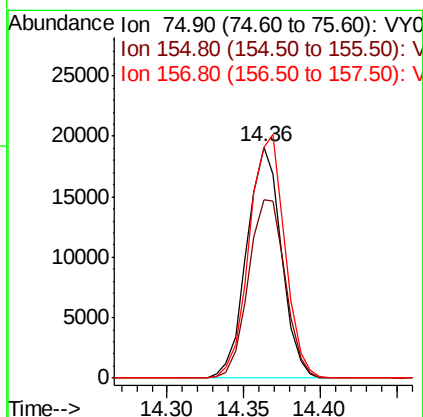
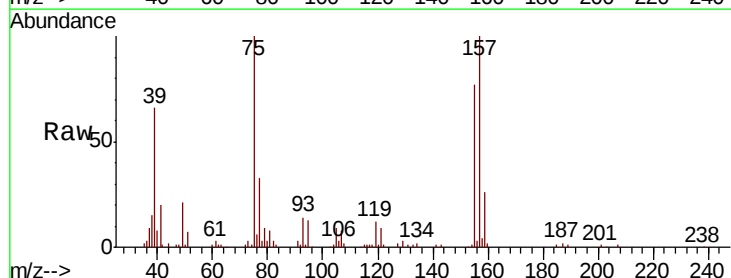
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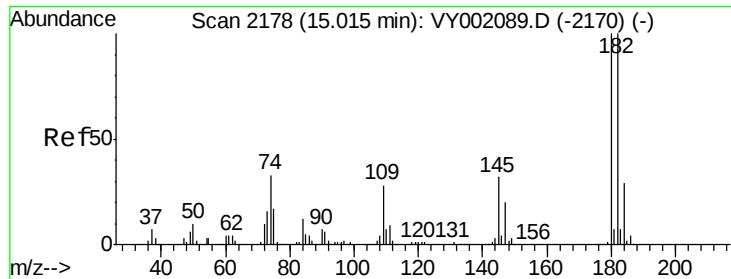
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.289 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	41.6	124.9
157	107.7	53.4	160.3





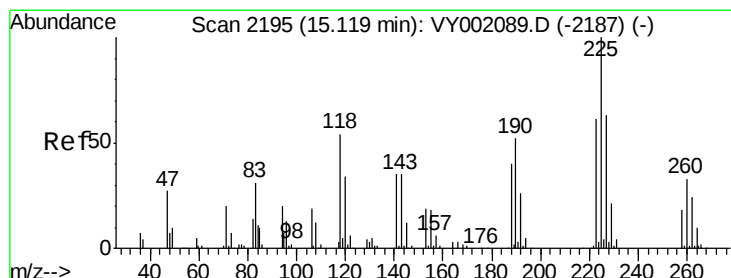
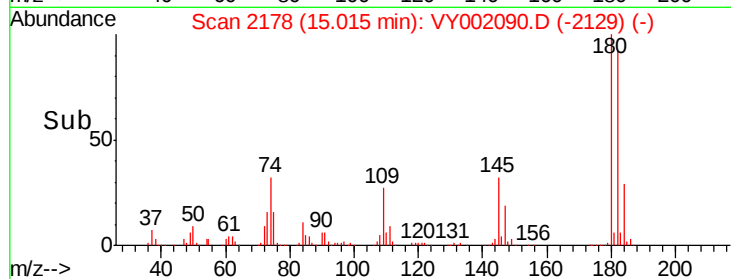
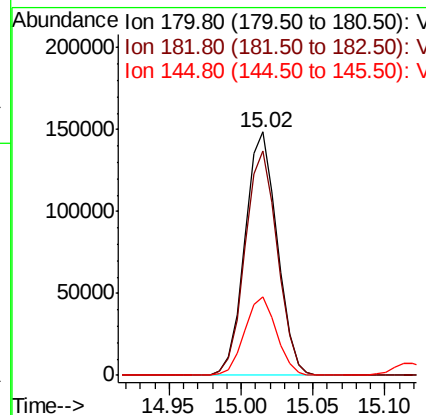
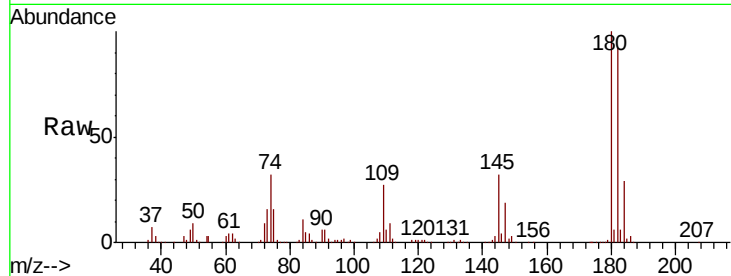
#93
 1,2,4-Trichlorobenzene
 Concen: 103.056 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	229453		
182	93.0	48.1	144.3	
145	31.8	15.9	47.6	

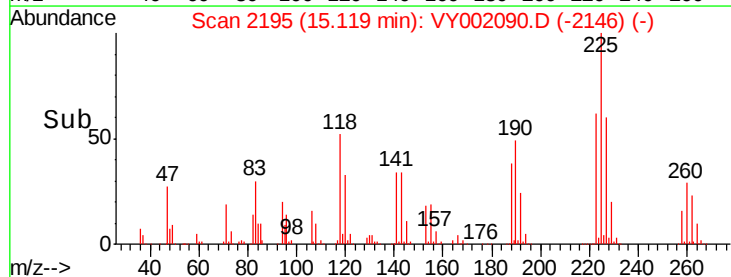
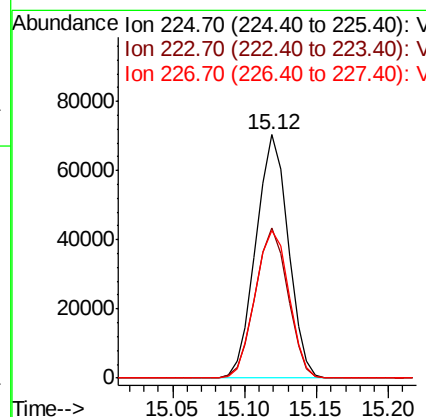
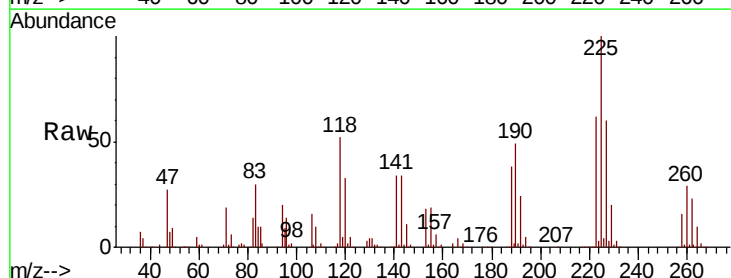
Manual Integrations
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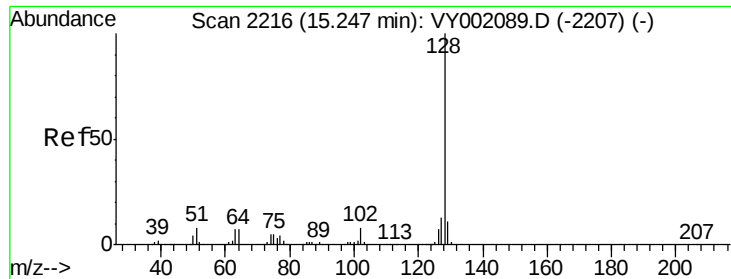
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#94
 Hexachlorobutadiene
 Concen: 100.273 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109507		
223	62.4	31.1	93.3	
227	63.4	31.6	94.7	





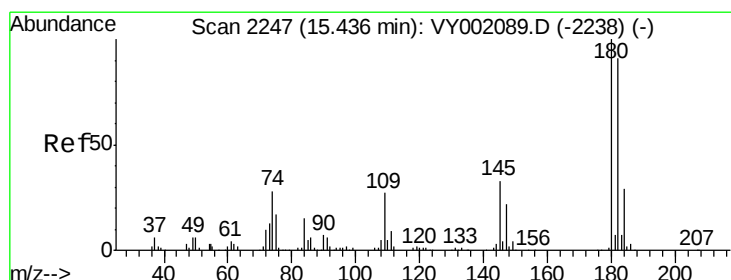
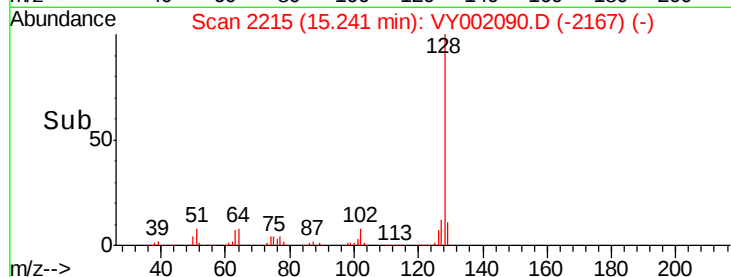
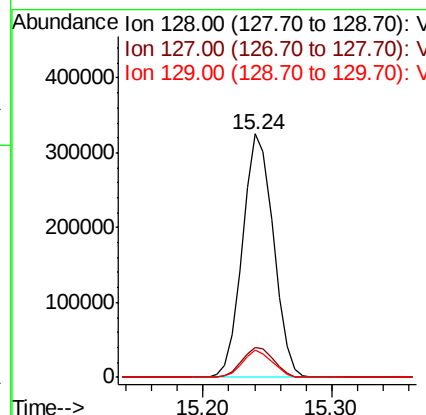
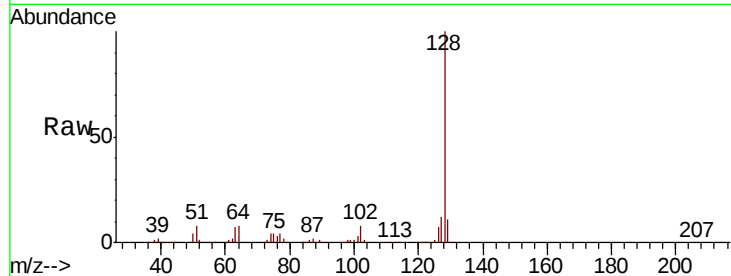
#95
Naphthalene
Concen: 101.890 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	538171		
127	12.6		9.8	14.8
129	10.7		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 102.248 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	201464		
182	95.1		46.8	140.3
145	34.1		16.7	50.1

