

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001952.D
 Acq On : 12 Mar 2020 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:42:30 AM

Quant Time: Mar 13 05:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	195083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	346708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	101145	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.74	113	96625	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.19	98	392089	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.49	95	137404	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	79778	44.303	ug/l	96
3) Chloromethane	2.12	50	110959	45.703	ug/l	98
4) Vinyl Chloride	2.26	62	118851	48.127	ug/l	99
5) Bromomethane	2.66	94	75842	52.924	ug/l	96
6) Chloroethane	2.81	64	76337	49.209	ug/l	97
7) Trichlorofluoromethane	3.15	101	164021	48.974	ug/l	98
8) Diethyl Ether	3.55	74	67990	51.508	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.92	101	104953	48.722	ug/l	99
10) Methyl Iodide	4.11	142	132034	53.002	ug/l	99
11) Tert butyl alcohol	4.98	59	55551	256.942	ug/l	98
12) 1,1-Dichloroethene	3.89	96	107765	49.685	ug/l	99
13) Acrolein	3.75	56	75061	256.478	ug/l	96
14) Allyl chloride	4.50	41	183243	47.655	ug/l	98
15) Acrylonitrile	5.19	53	164552	233.288	ug/l	99
16) Acetone	3.97	43	167839	276.693	ug/l	97
17) Carbon Disulfide	4.21	76	334457	45.871	ug/l	99
18) Methyl Acetate	4.50	43	71261	45.722	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	302198	51.414	ug/l	99
20) Methylene Chloride	4.74	84	121274	46.649	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	120813	49.074	ug/l	95
22) Diisopropyl ether	6.14	45	369604	46.893	ug/l	94
23) Vinyl Acetate	6.09	43	1218704	235.857	ug/l	96
24) 1,1-Dichloroethane	6.05	63	205450	48.134	ug/l	99
25) 2-Butanone	7.01	43	226223	245.239	ug/l	100
26) 2,2-Dichloropropane	7.01	77	181965	51.941	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	134272	50.140	ug/l	98
28) Bromochloromethane	7.36	49	91684	47.655	ug/l	94
29) Tetrahydrofuran	7.37	42	135447	221.112	ug/l	96
30) Chloroform	7.53	83	201734	50.305	ug/l	100
31) Cyclohexane	7.80	56	198070	43.279	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	172940	51.167	ug/l	98
36) 1,1-Dichloropropene	7.94	75	163907	49.127	ug/l	98
37) Ethyl Acetate	7.10	43	93565	48.252	ug/l	96
38) Carbon Tetrachloride	7.92	117	148181	51.991	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	211763	47.855	ug/l	98
40) Benzene	8.18	78	482247	48.766	ug/l	98
41) Methacrylonitrile	7.33	41	40423m	46.321	ug/l	
42) 1,2-Dichloroethane	8.26	62	130512	51.217	ug/l	99
43) Isopropyl Acetate	8.29	43	177010	48.215	ug/l	99
44) Trichloroethene	8.96	130	121859	50.597	ug/l	98
45) 1,2-Dichloropropane	9.24	63	121567	48.902	ug/l	99
46) Dibromomethane	9.33	93	64767	50.557	ug/l	99
47) Bromodichloromethane	9.52	83	156792	52.615	ug/l	100
48) Methyl methacrylate	9.31	41	79580	48.850	ug/l	95
49) 1,4-Dioxane	9.31	88	15453	880.327	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	452013	239.037	ug/l	98
52) Toluene	10.26	92	298904	49.756	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	169813	52.304	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	198779	51.431	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	94779	50.554	ug/l	98
56) Ethyl methacrylate	10.52	69	138911	50.549	ug/l	99
57) 1,3-Dichloropropane	10.81	76	163638	48.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	231530	239.688	ug/l	97
59) 2-Hexanone	10.84	43	328706	243.542	ug/l	97
60) Dibromochloromethane	11.00	129	104913	53.106	ug/l	100
61) 1,2-Dibromoethane	11.10	107	90652	51.045	ug/l	100
64) Tetrachloroethene	10.74	164	96555	50.209	ug/l	98
65) Chlorobenzene	11.53	112	306171	50.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	106248	53.026	ug/l	99
67) Ethyl Benzene	11.61	91	564721	49.557	ug/l	99
68) m/p-Xylenes	11.72	106	422433	100.269	ug/l	99
69) o-Xylene	12.04	106	199925	50.348	ug/l	100
70) Styrene	12.06	104	347277	51.063	ug/l	100
71) Bromoform	12.22	173	59778	55.011	ug/l #	99
73) Isopropylbenzene	12.34	105	531219	51.066	ug/l	100
74) N-amyl acetate	12.16	43	155626	48.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	113262	50.489	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	81766m	50.568	ug/l	
77) Bromobenzene	12.62	156	114909	52.137	ug/l	97
78) n-propylbenzene	12.69	91	644775	50.240	ug/l	99
79) 2-Chlorotoluene	12.77	91	360856	50.893	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	436509	50.971	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	42316	52.862	ug/l	98
82) 4-Chlorotoluene	12.87	91	375027	50.799	ug/l	99
83) tert-Butylbenzene	13.09	119	368769	51.844	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	433537	51.011	ug/l	99
85) sec-Butylbenzene	13.27	105	529740	50.526	ug/l	99
86) p-Isopropyltoluene	13.38	119	457837	50.622	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	220703	51.101	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	218621	49.896	ug/l	99
89) n-Butylbenzene	13.71	91	461231	49.154	ug/l	99
90) Hexachloroethane	13.97	117	87560	51.319	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	197801	50.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17738	50.672	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	123058	48.361	ug/l	97
94) Hexachlorobutadiene	15.12	225	60484	48.755	ug/l	99
95) Naphthalene	15.25	128	297812	49.342	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	108241	48.287	ug/l	99

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

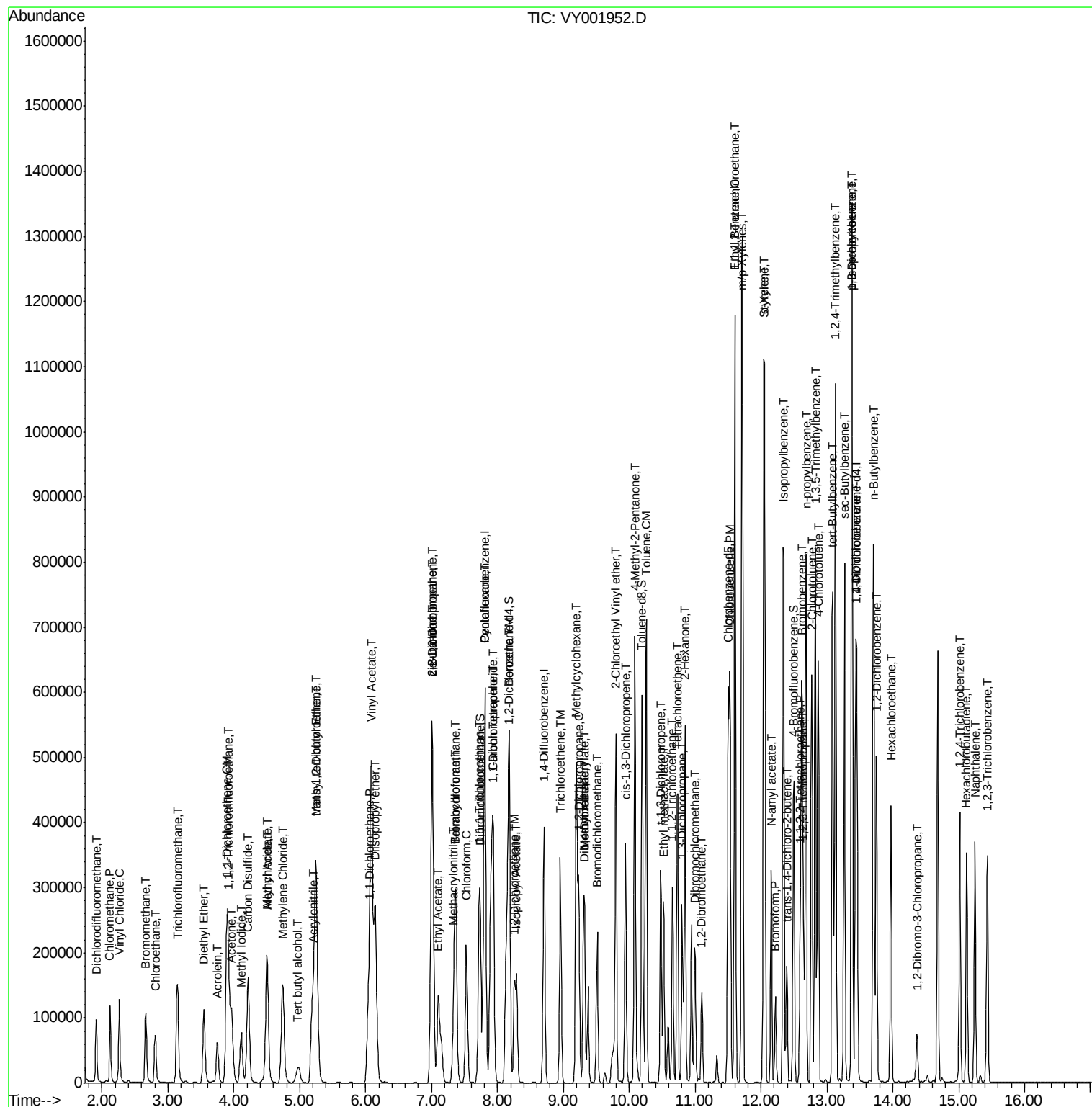
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 195083

Ion Ratio Lower Upper

168 100

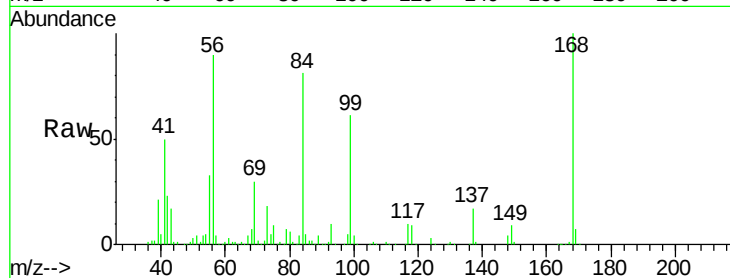
99 60.8 46.7 70.1

Manual Integrations

APPROVED

MMDadoda

3/16/2020 11:42:30 AM

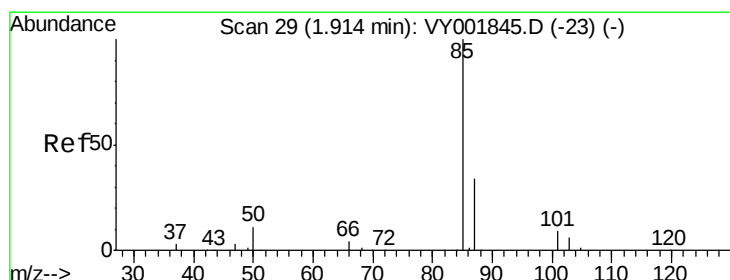
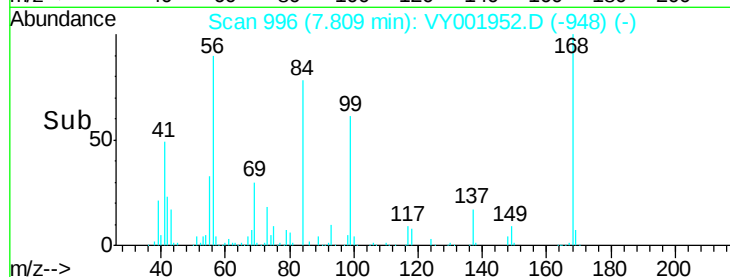


Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

Time-->



#2

Dichlorodifluoromethane

Concen: 44.303 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001952.D

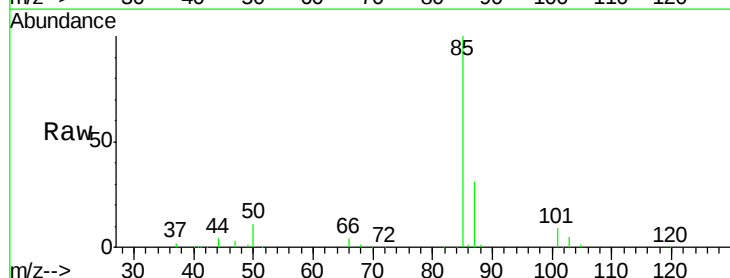
Acq: 12 Mar 2020 10:11

Tgt Ion: 85 Resp: 79778

Ion Ratio Lower Upper

85 100

87 31.1 16.8 50.4

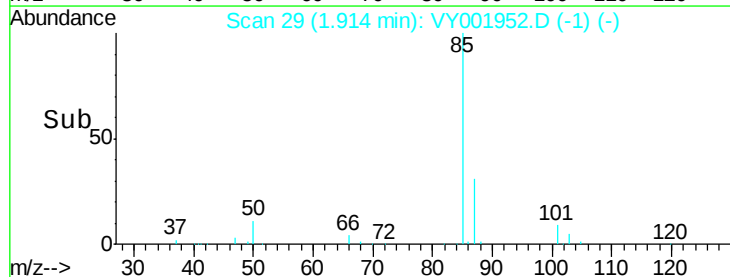


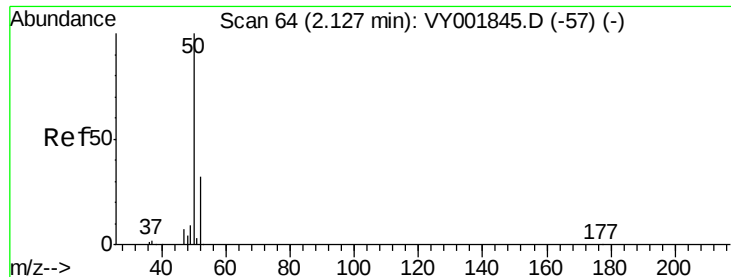
Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

Time-->





#3

Chloromethane

Concen: 45.703 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 110959

Ion Ratio Lower Upper

50 100

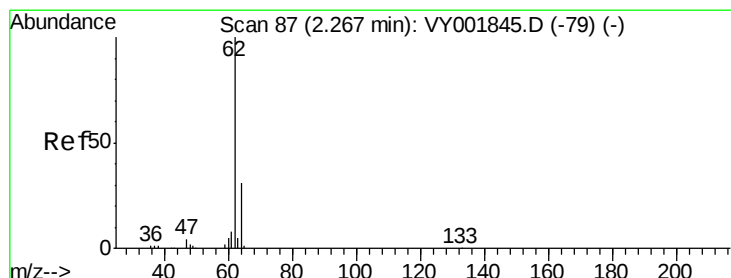
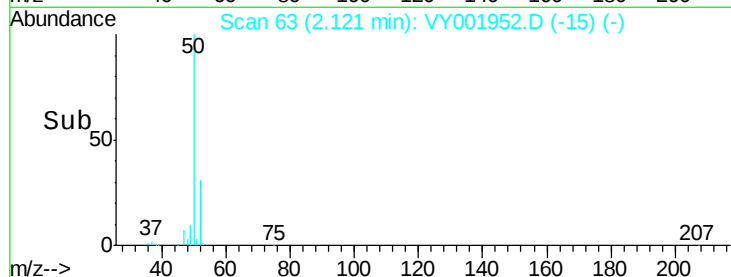
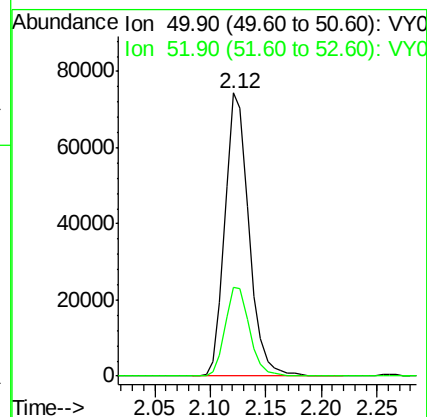
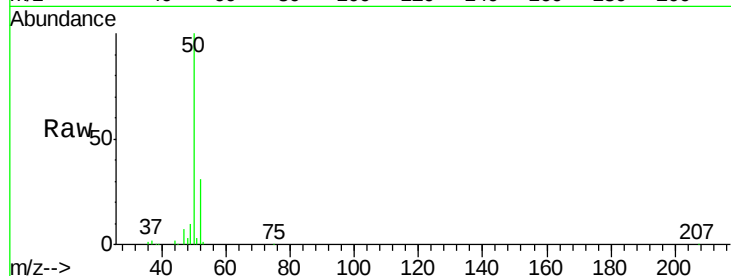
52 31.3 25.8 38.6

Manual Integrations

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3/16/2020 11:42:30 AM



#4

Vinyl Chloride

Concen: 48.127 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001952.D

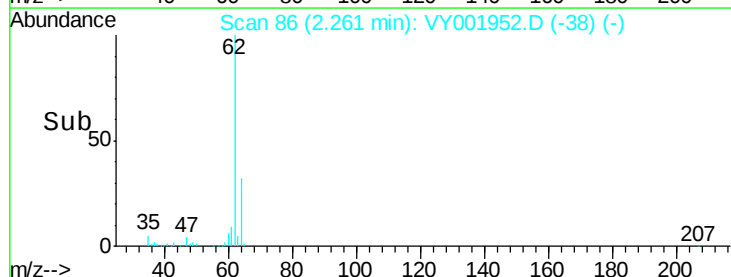
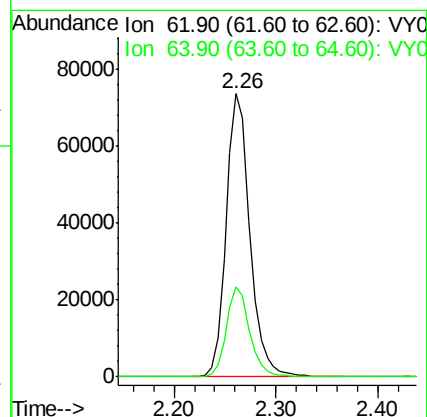
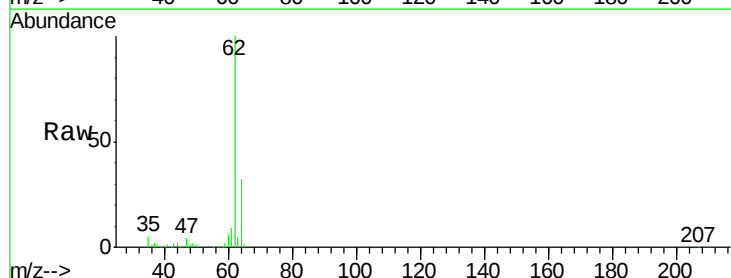
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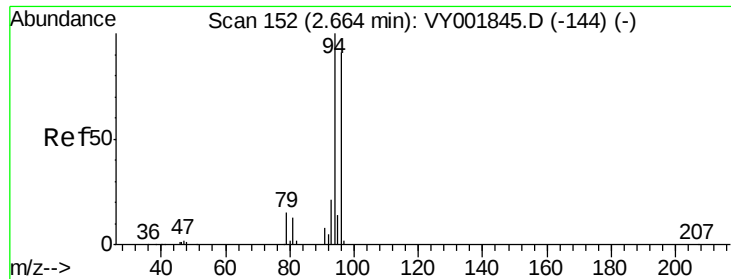
Tgt Ion: 62 Resp: 118851

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 52.924 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75842

Ion Ratio Lower Upper

94 100

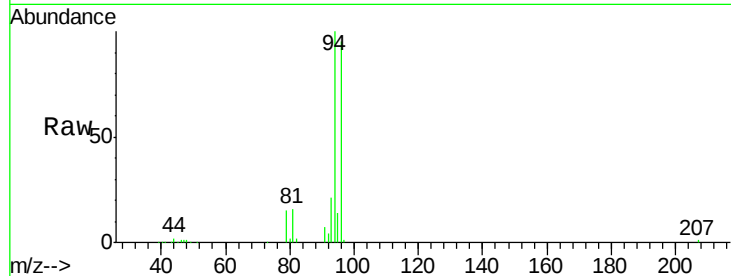
96 95.1 73.2 109.8

Manual Integrations

APPROVED

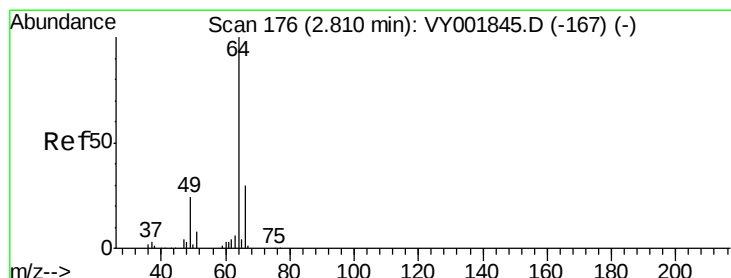
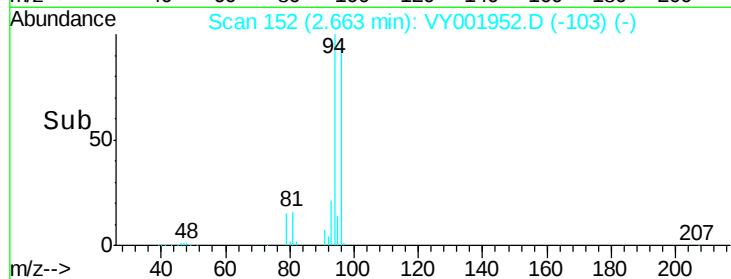
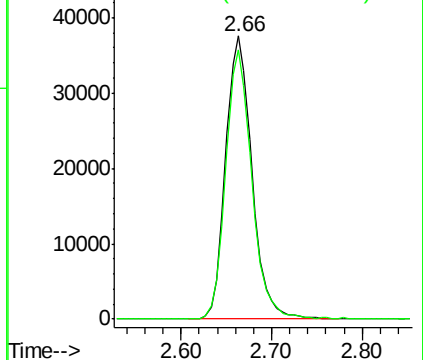
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3/16/2020 11:42:30 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.209 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001952.D

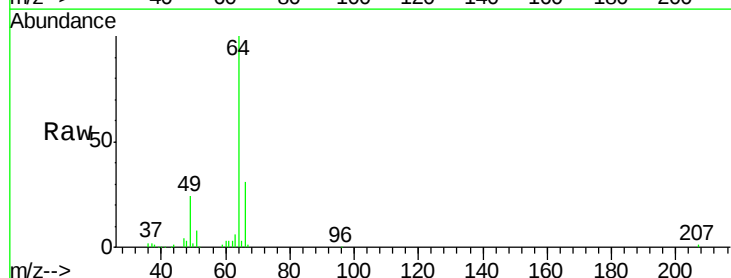
Acq: 12 Mar 2020 10:11

Tgt Ion: 64 Resp: 76337

Ion Ratio Lower Upper

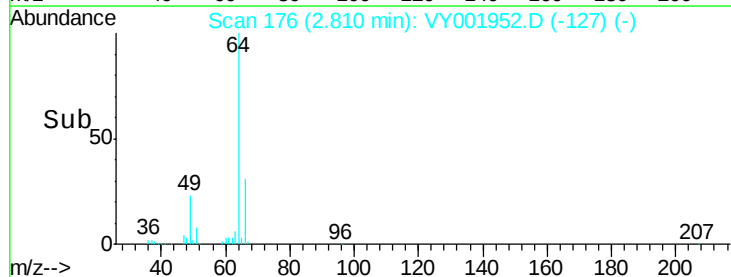
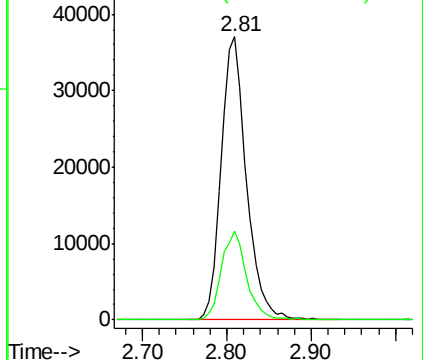
64 100

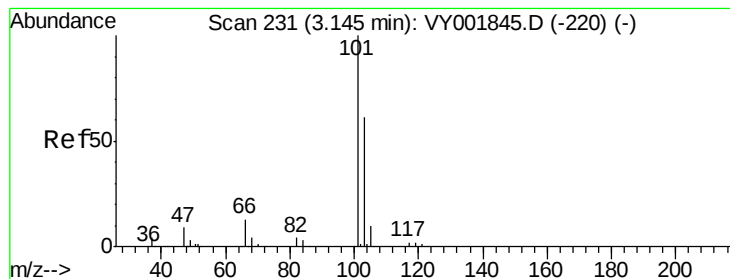
66 31.2 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

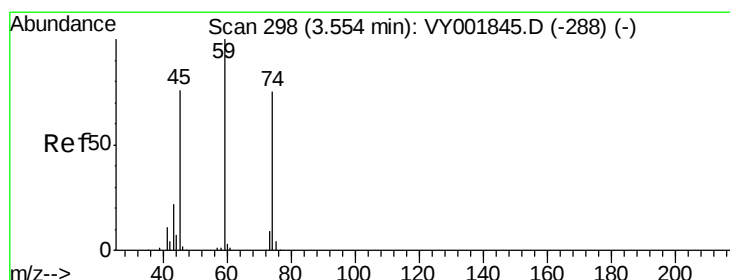
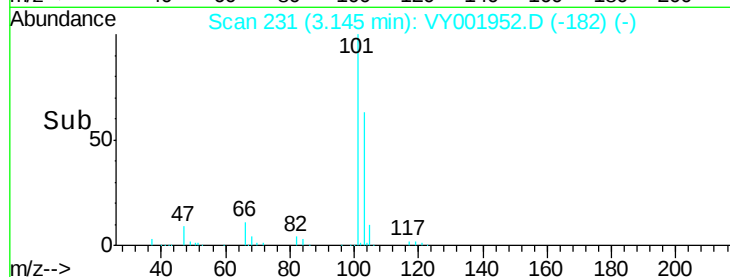
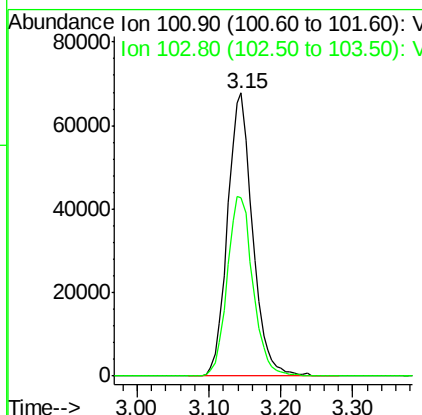
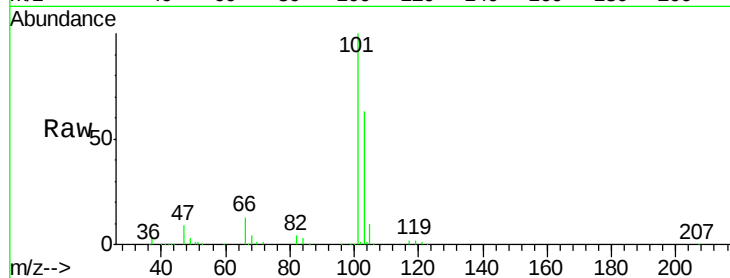
Trichlorofluoromethane
Concen: 48.974 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.1	73.7

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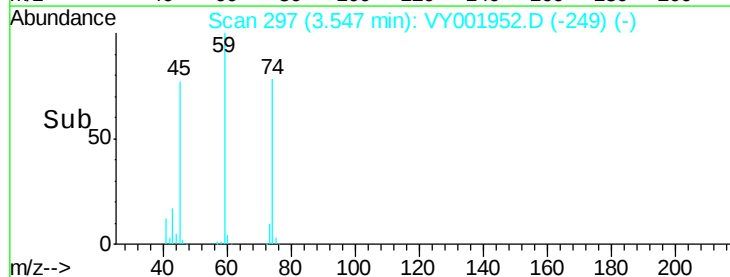
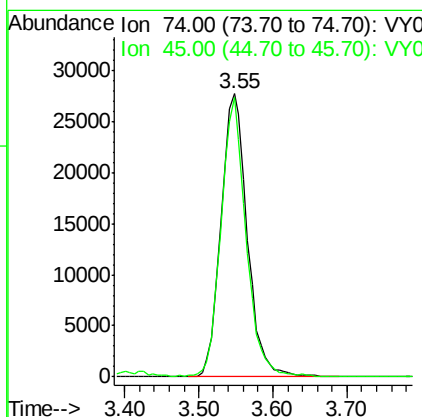
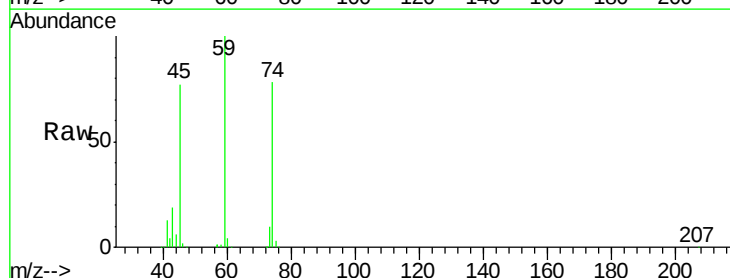
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3/16/2020 11:42:30 AM



#8

Diethyl Ether
Concen: 51.508 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.722 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

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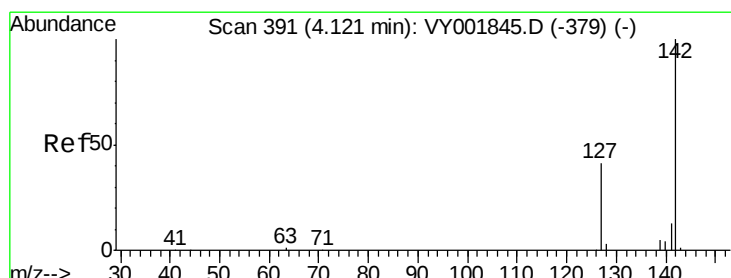
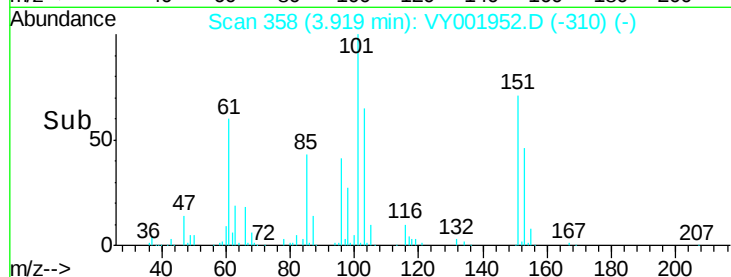
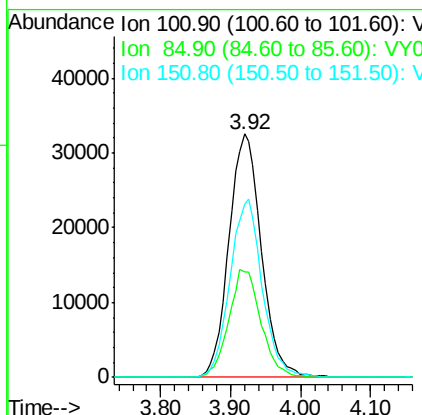
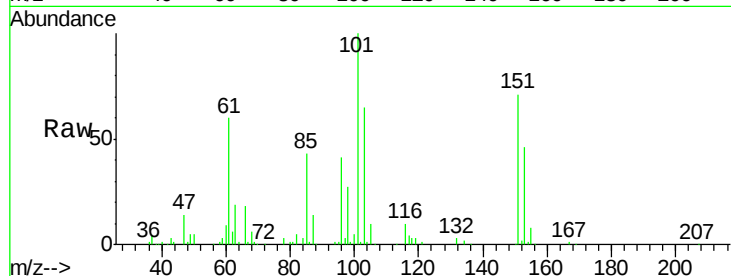
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	104953
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.3	52.9
151	72.4	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 53.002 ug/l

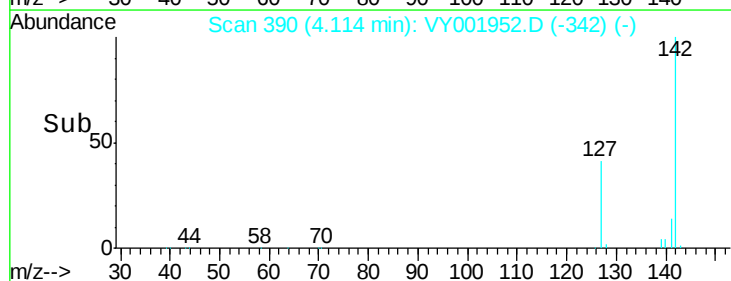
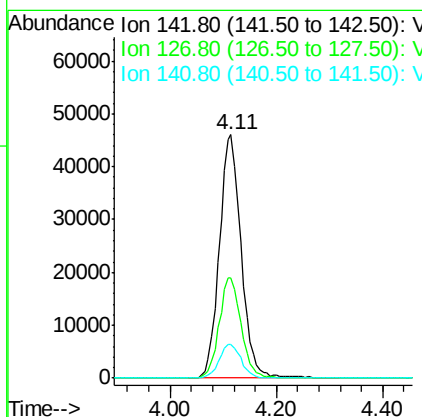
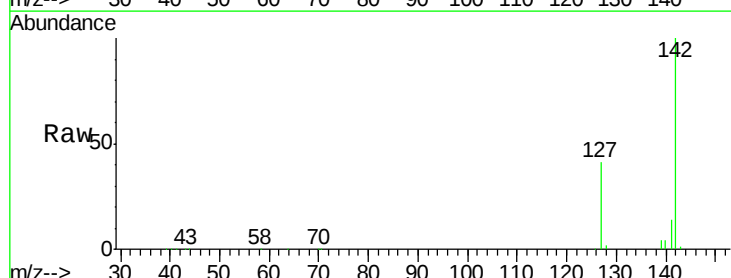
RT: 4.11 min Scan# 390

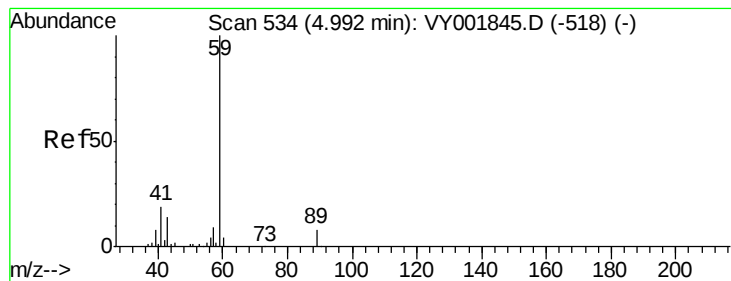
Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion:	142	Resp:	132034
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.7	49.1
141	14.0	11.0	16.6





#11

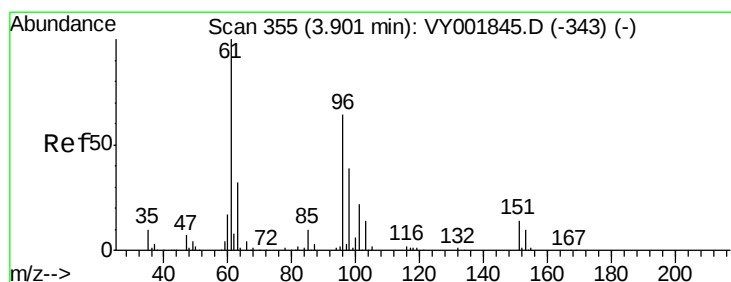
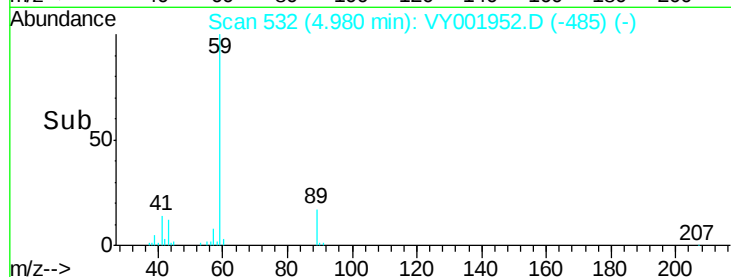
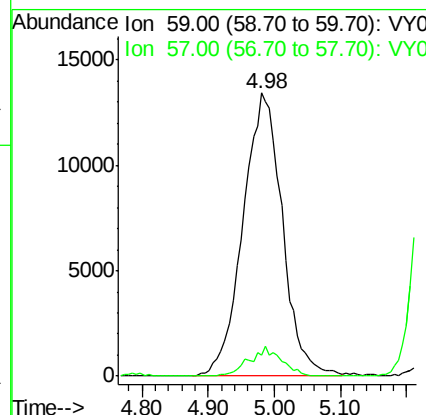
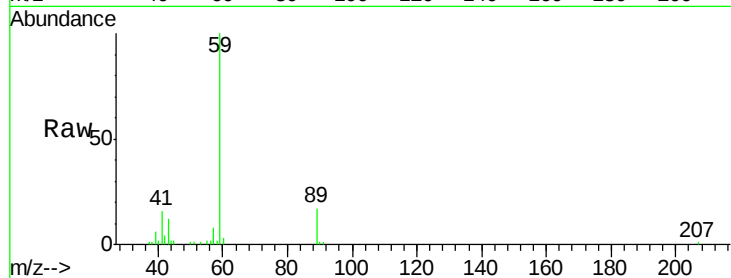
Tert butyl alcohol
 Concen: 256.942 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.4	11.2

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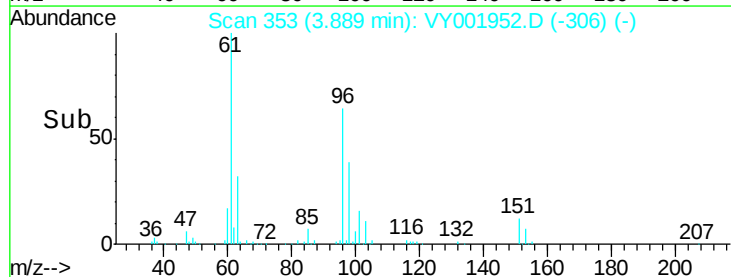
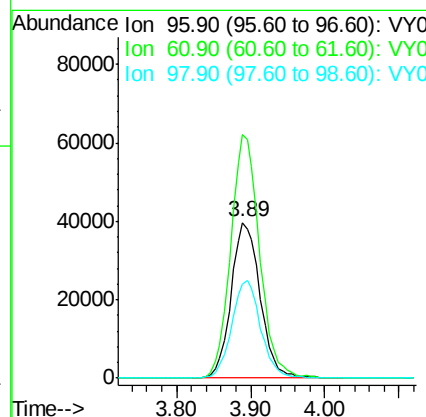
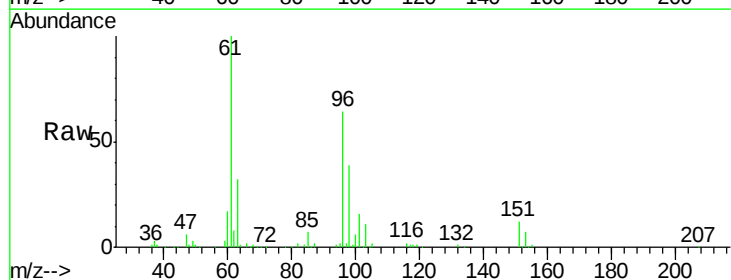
MMDadoda
 3/16/2020 11:42:30 AM

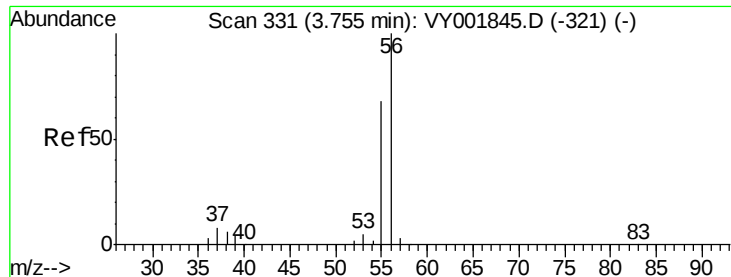


#12

1,1-Dichloroethene
 Concen: 49.685 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	124.8	187.2
98	60.5	49.2	73.8





#13

Acrolein

Concen: 256.478 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75061

Ion Ratio Lower Upper

56 100

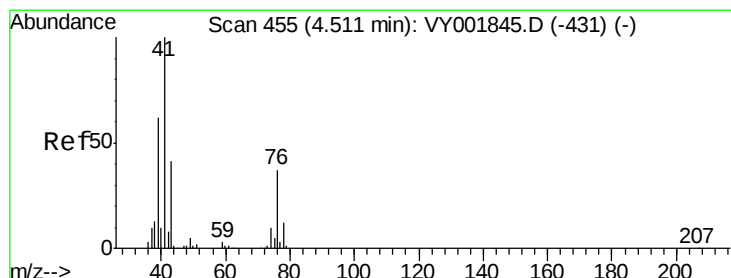
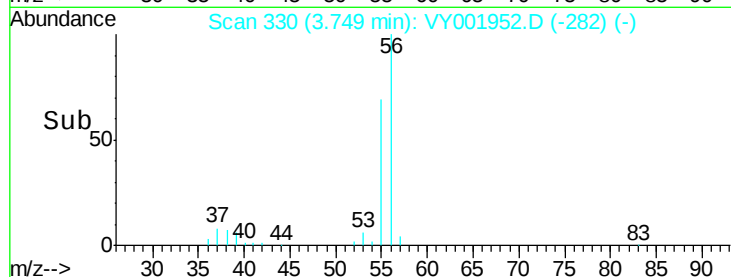
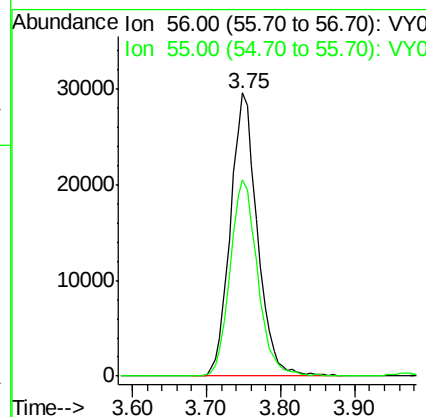
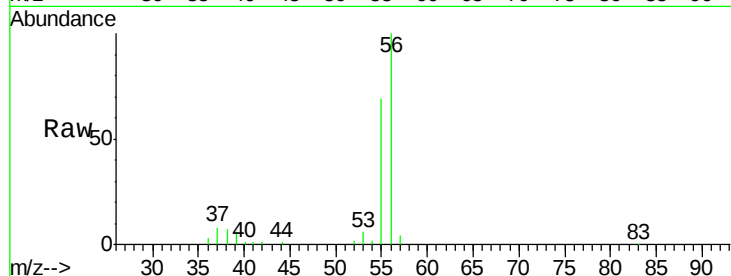
55 70.7 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 47.655 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

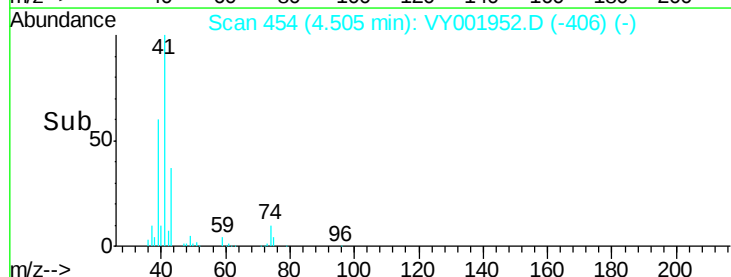
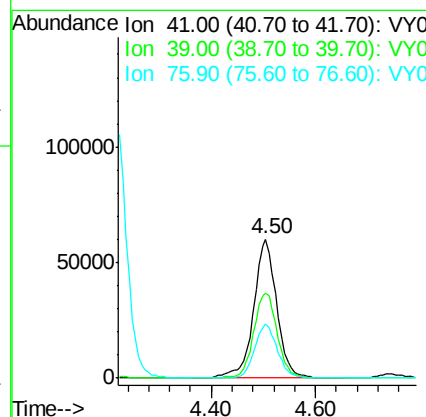
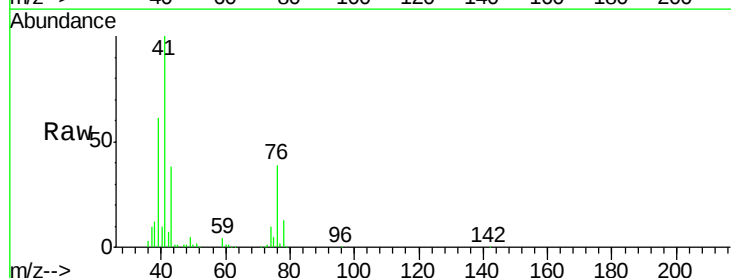
Tgt Ion: 41 Resp: 183243

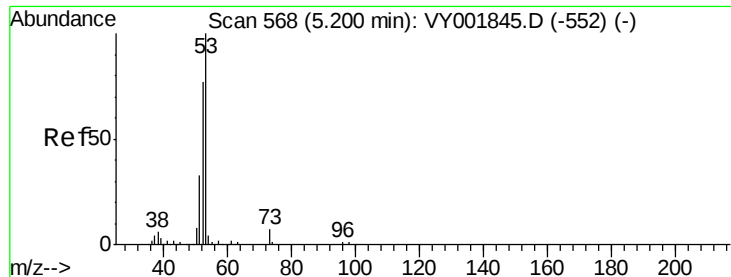
Ion Ratio Lower Upper

41 100

39 62.7 49.0 73.6

76 38.0 28.9 43.3





#15

Acrylonitrile

Concen: 233.288 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

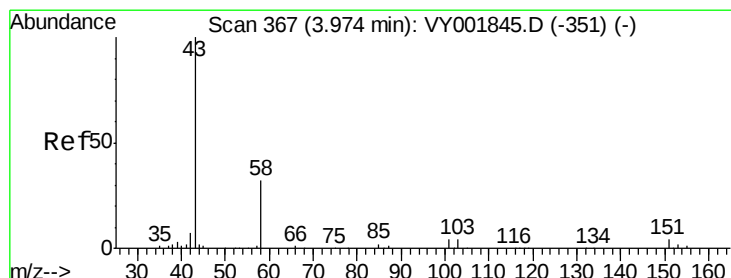
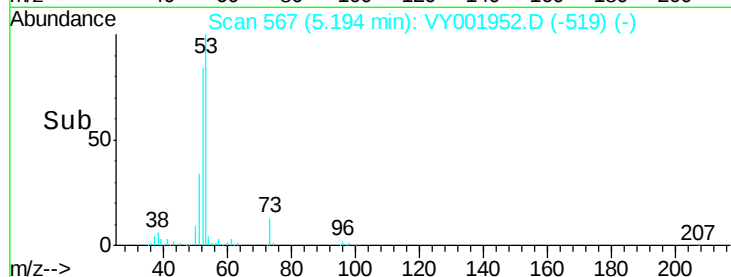
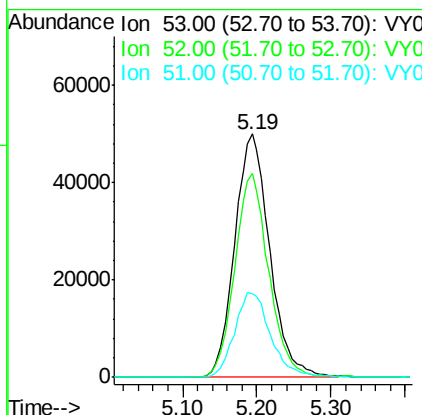
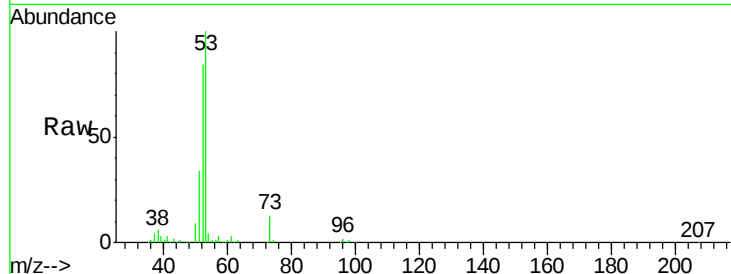
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	164552
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	35.9	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 276.693 ug/l

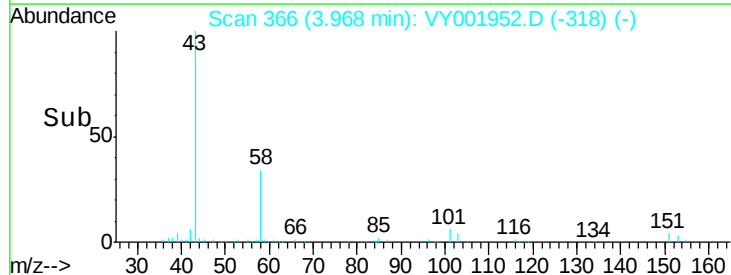
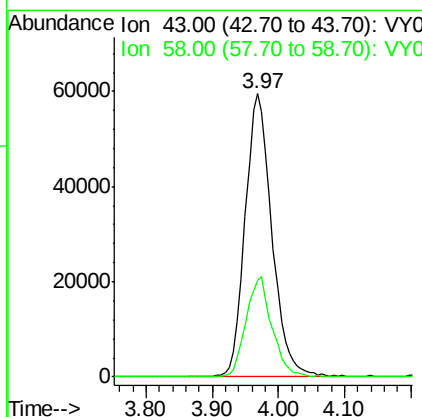
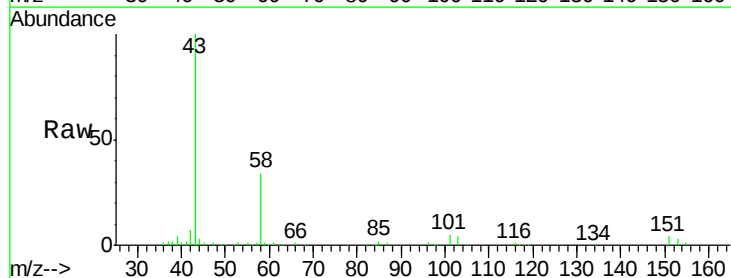
RT: 3.97 min Scan# 366

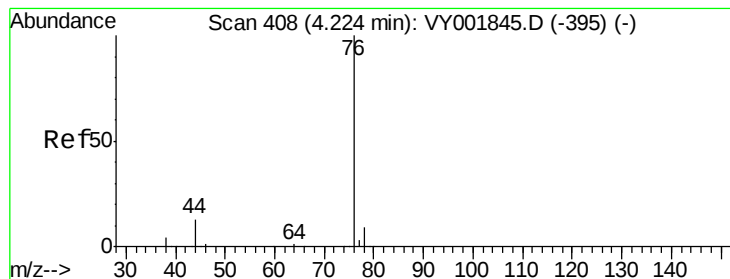
Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion:	43	Resp:	167839
Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.9	38.9





#17

Carbon Disulfide

Concen: 45.871 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 334457

Ion Ratio Lower Upper

76 100

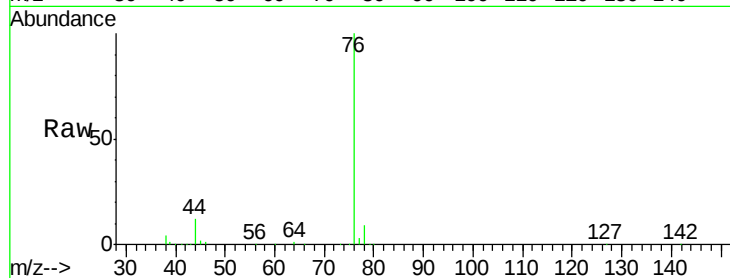
78 8.8 7.4 11.2

Manual Integrations

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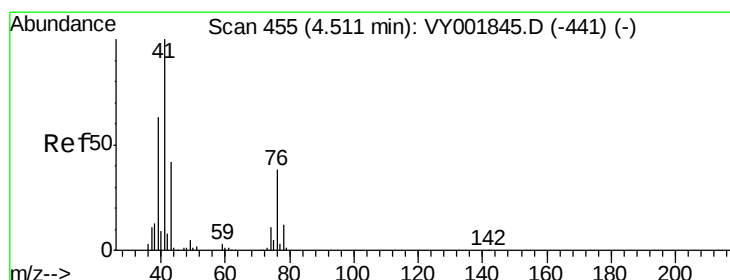
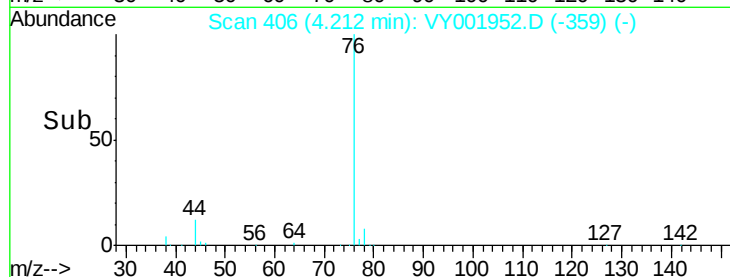
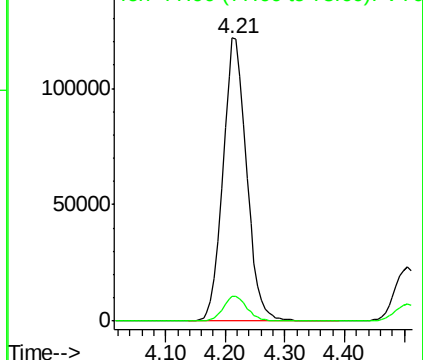
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 45.722 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001952.D

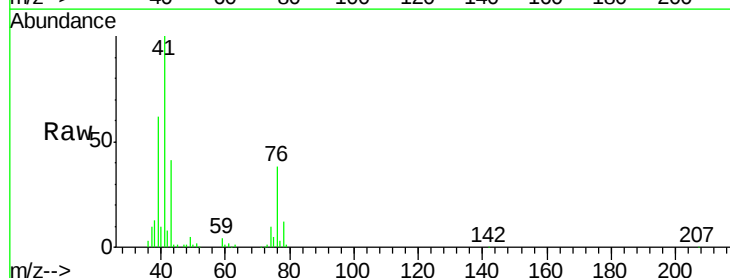
Acq: 12 Mar 2020 10:11

Tgt Ion: 43 Resp: 71261

Ion Ratio Lower Upper

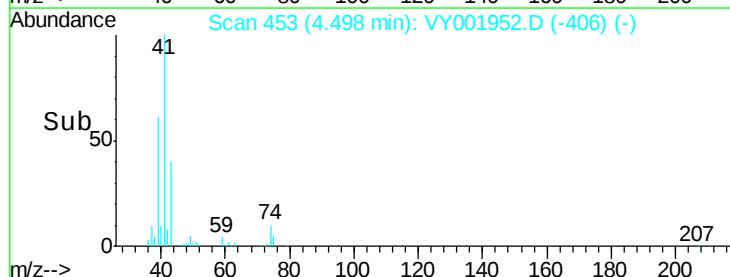
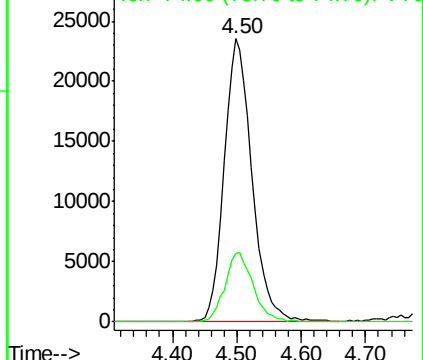
43 100

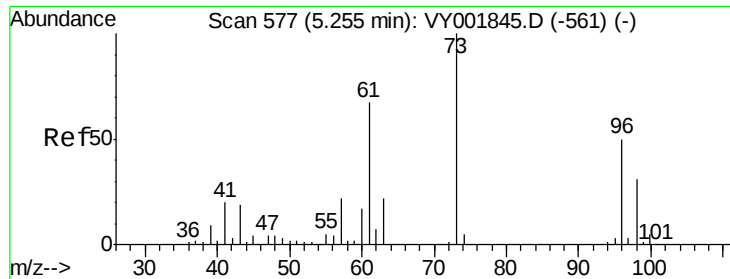
74 24.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





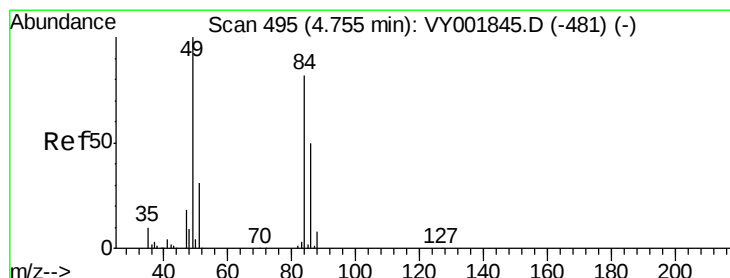
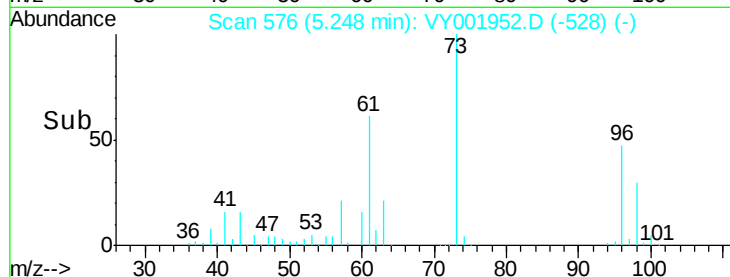
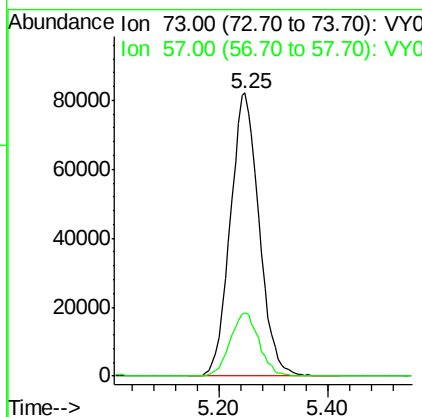
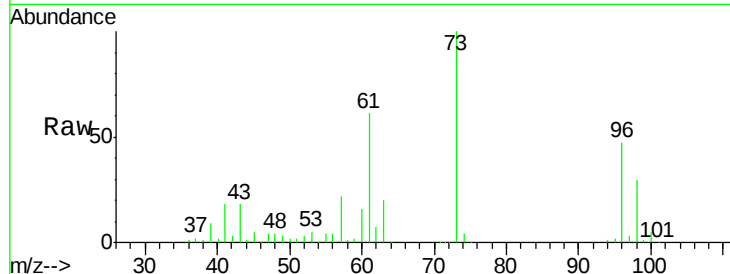
#19
Methyl tert-butyl Ether
Concen: 51.414 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 302198
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

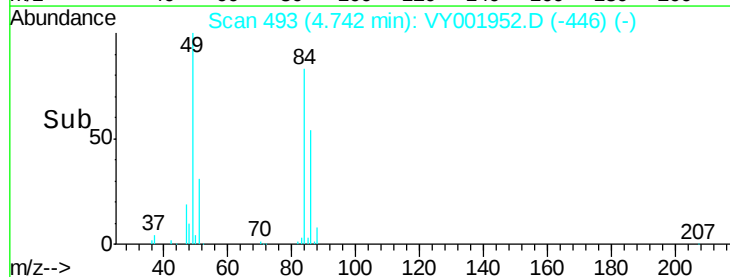
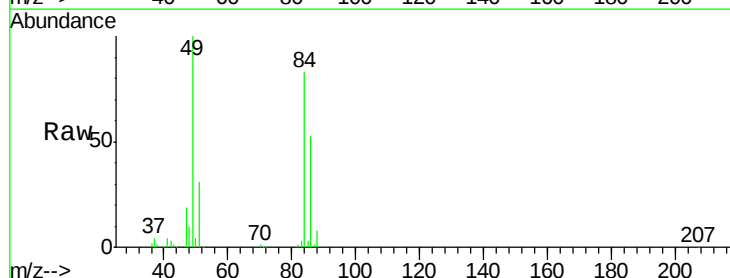
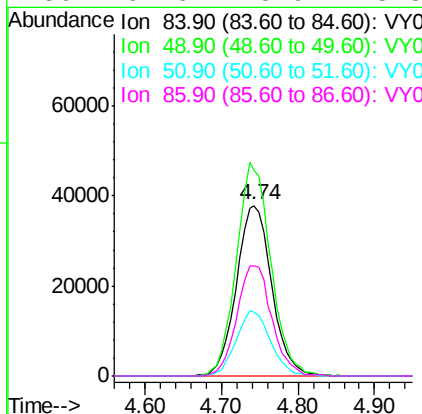
Manual Integrations
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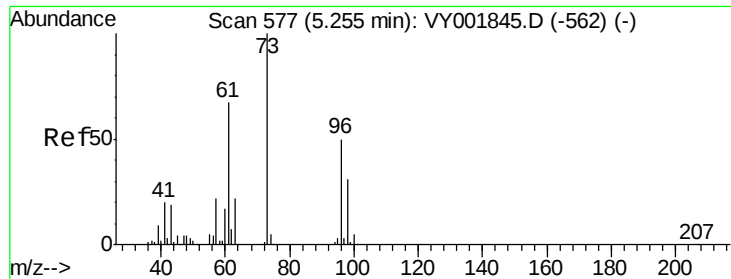
MMDadoda
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#20
Methylene Chloride
Concen: 46.649 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 84 Resp: 121274
Ion Ratio Lower Upper
84 100
49 120.7 98.2 147.2
51 37.7 30.2 45.2
86 64.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 49.074 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

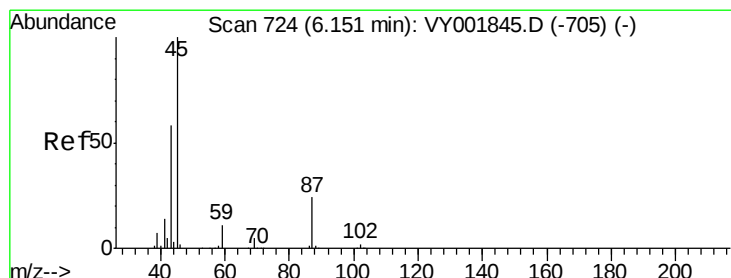
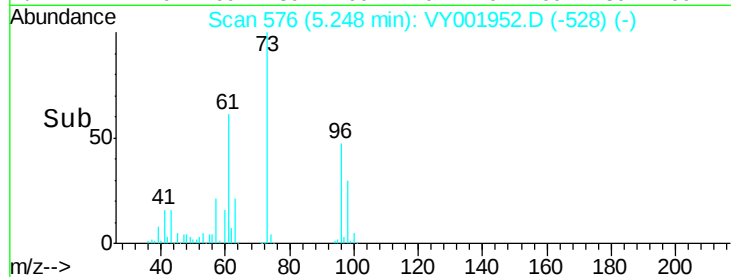
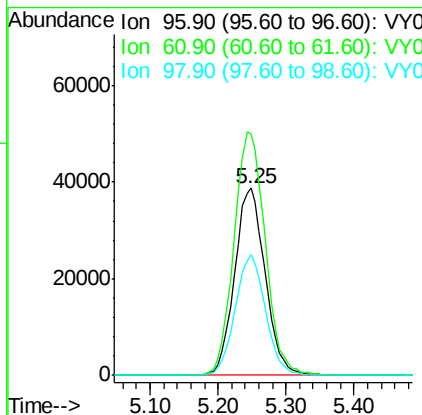
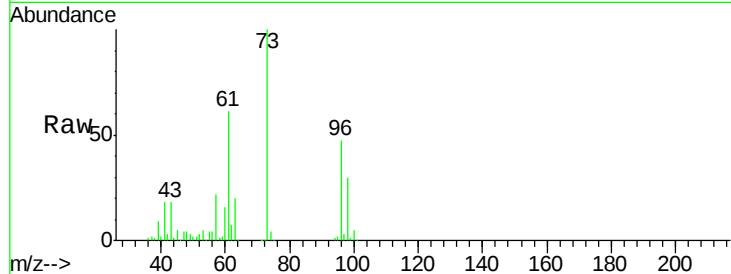
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	120813
Ion	Ratio	Lower	Upper
96	100		
61	128.5	107.7	161.5
98	64.4	49.3	73.9

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#22

Diisopropyl ether

Concen: 46.893 ug/l

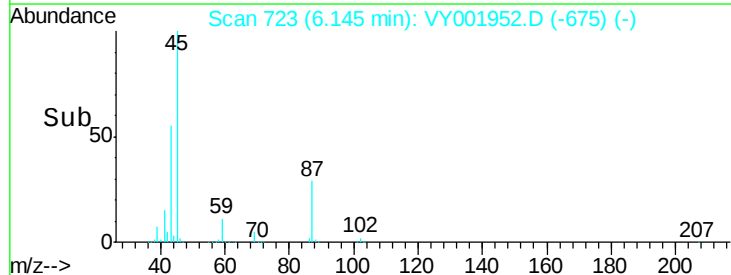
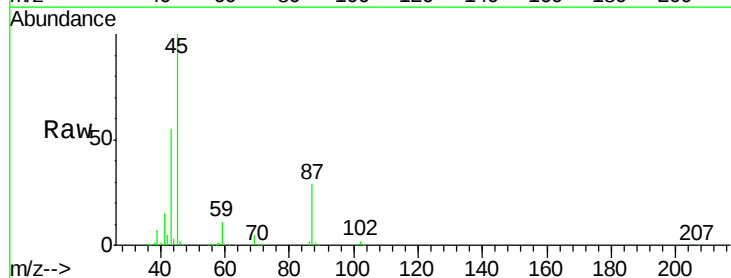
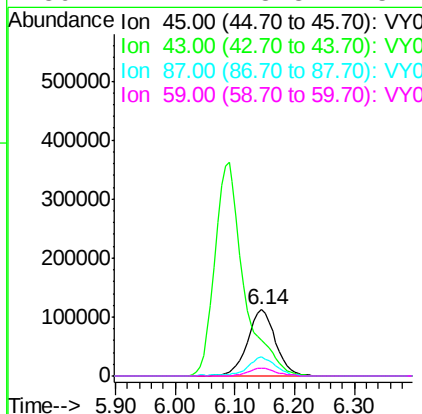
RT: 6.14 min Scan# 723

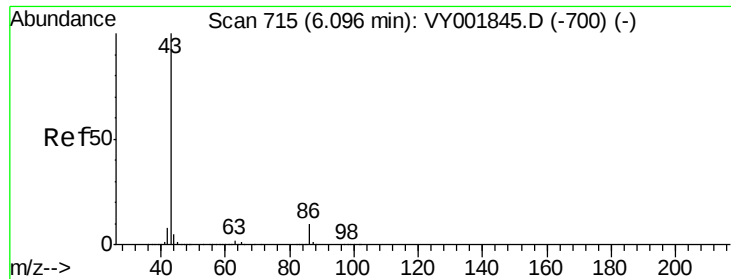
Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion:	45	Resp:	369604
Ion	Ratio	Lower	Upper
45	100		
43	54.6	47.2	70.8
87	29.2	19.8	29.8
59	11.4	8.8	13.2





#23

Vinyl Acetate

Concen: 235.857 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1218704

Ion Ratio Lower Upper

43 100

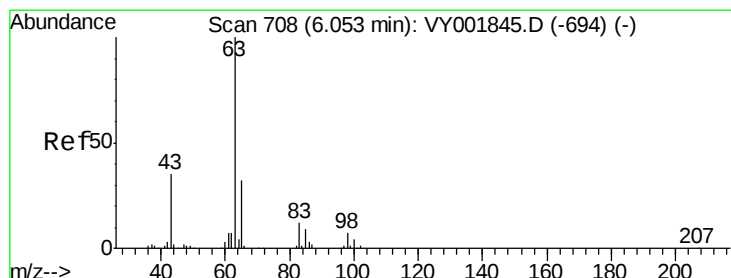
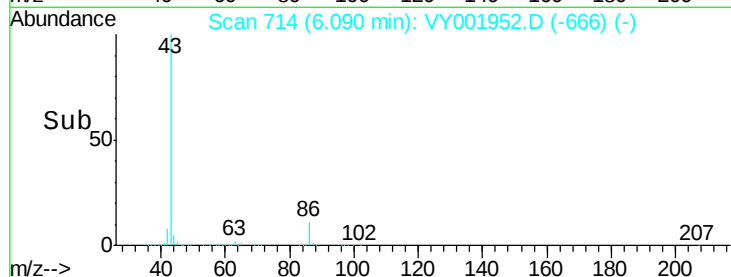
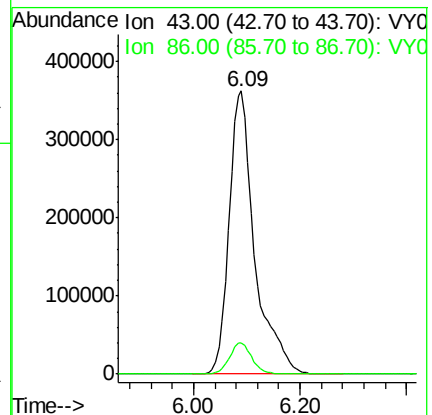
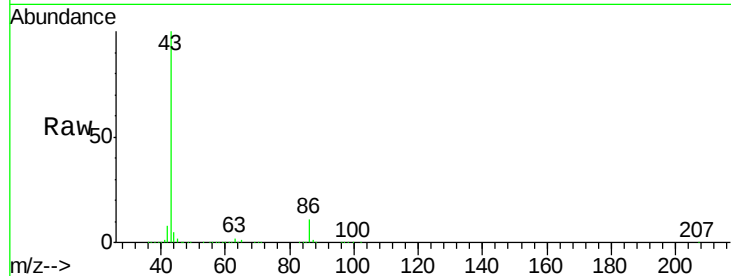
86 11.1 7.8 11.8

Manual Integrations

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MMDadoda

3/16/2020 11:42:30 AM



#24

1,1-Dichloroethane

Concen: 48.134 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

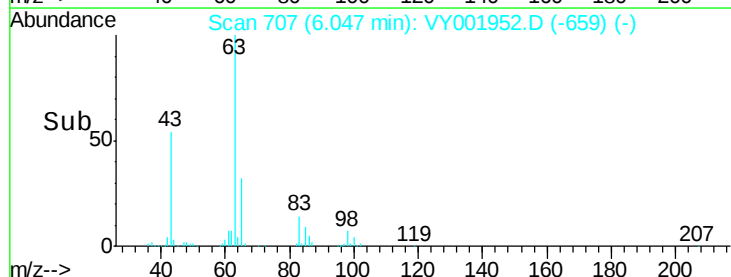
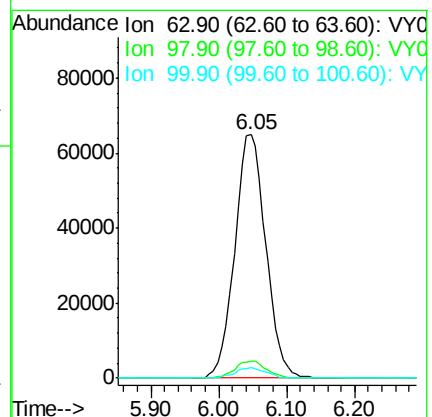
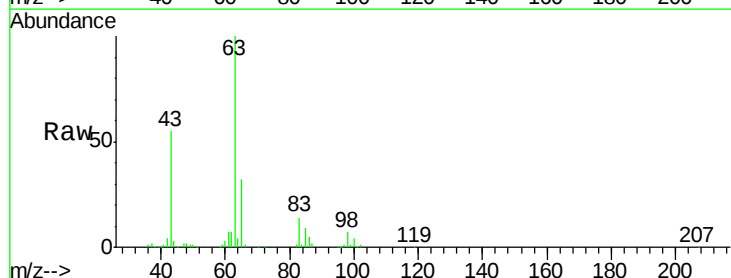
Tgt Ion: 63 Resp: 205450

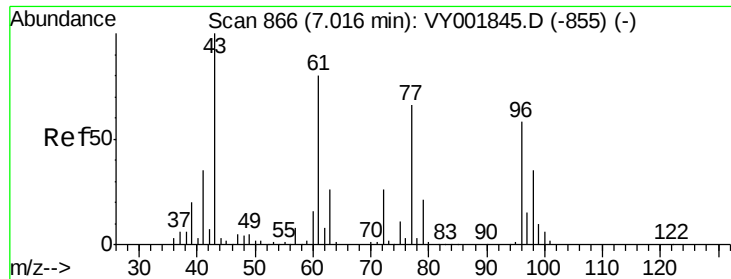
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.3 2.0 6.0





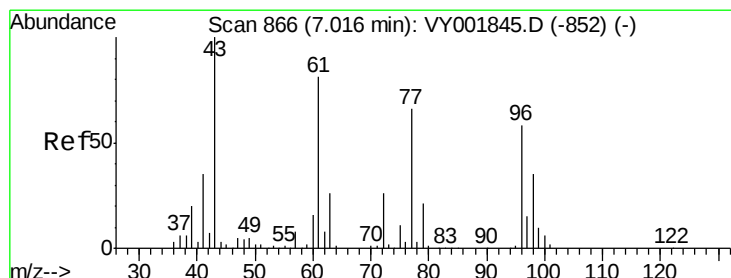
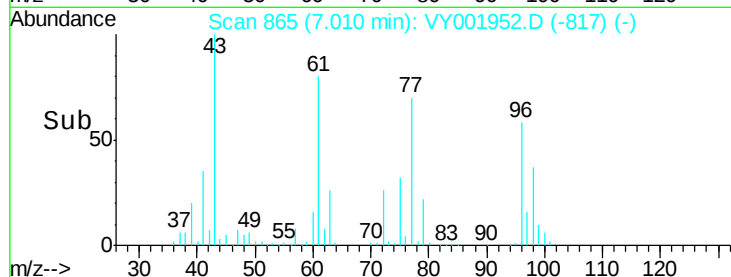
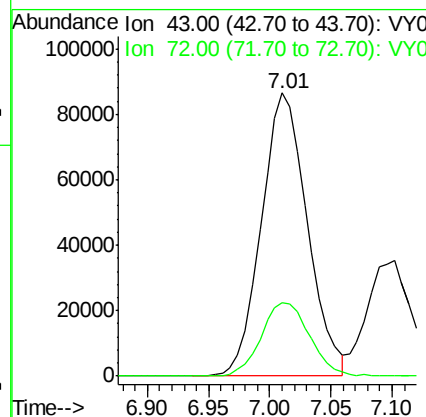
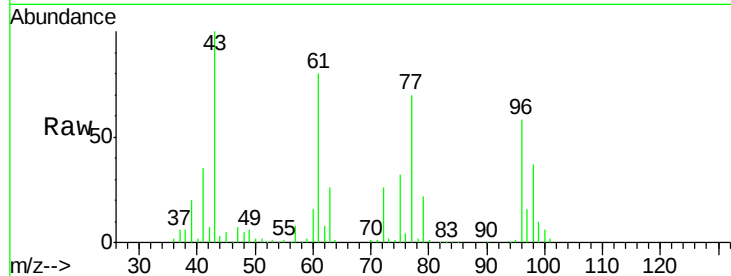
#25
2-Butanone
Concen: 245.239 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 226223
Ion Ratio Lower Upper
43 100
72 26.0 20.9 31.3

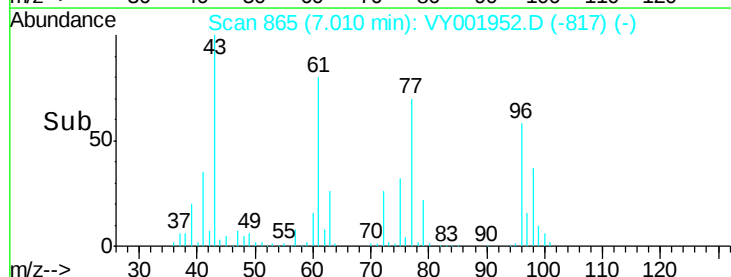
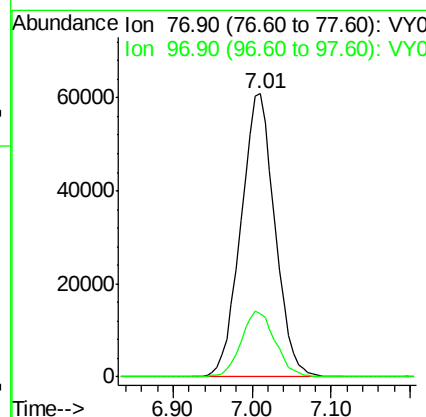
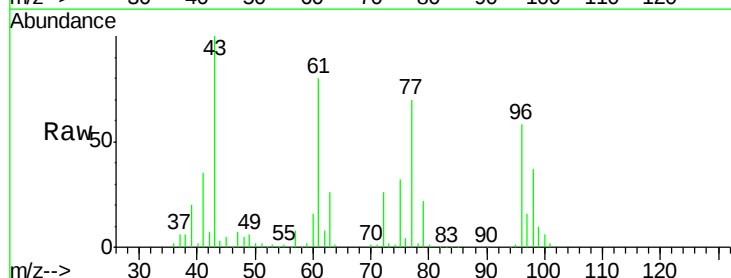
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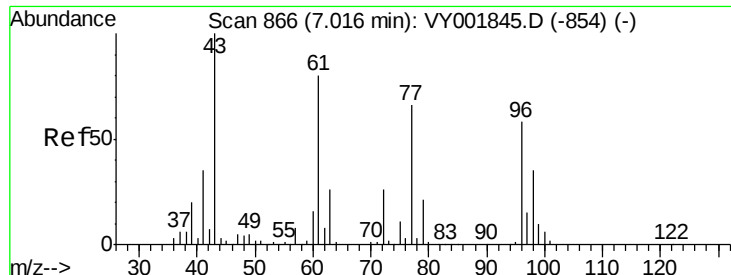
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#26
2,2-Dichloropropane
Concen: 51.941 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 77 Resp: 181965
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 50.140 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001952.D

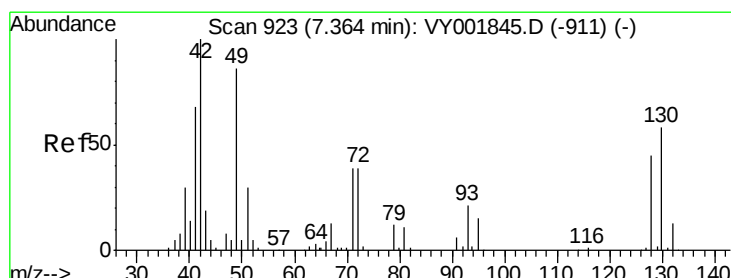
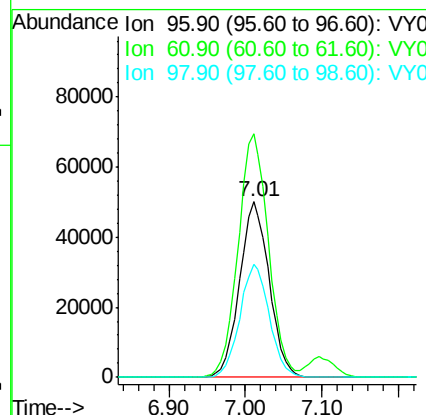
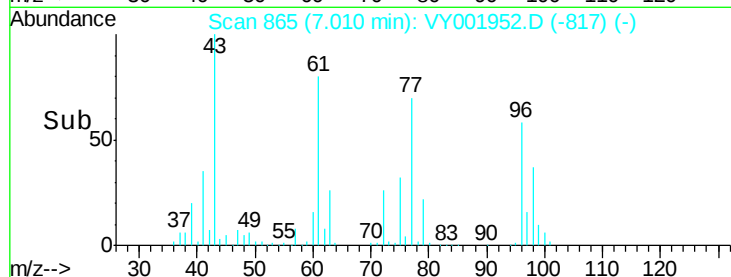
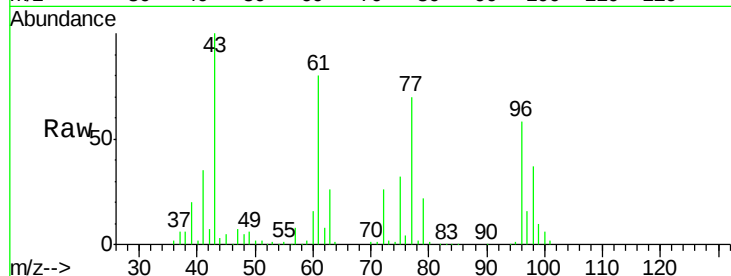
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	288.2
98	63.9	0.0	129.0

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#28

Bromochloromethane

Concen: 47.655 ug/l

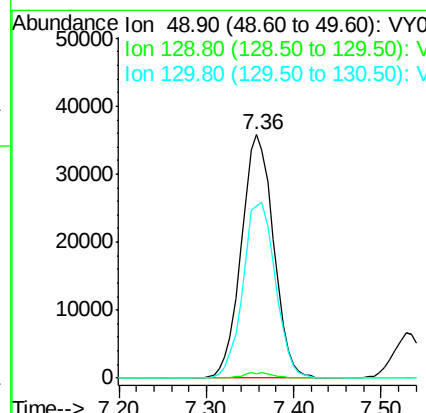
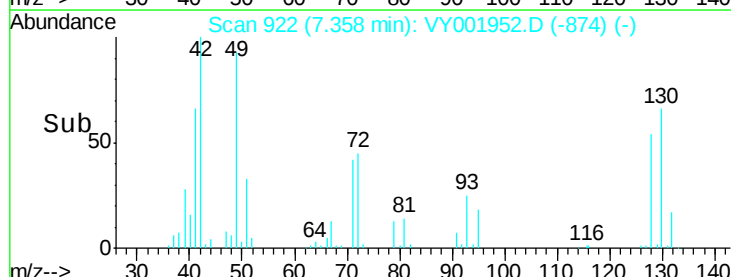
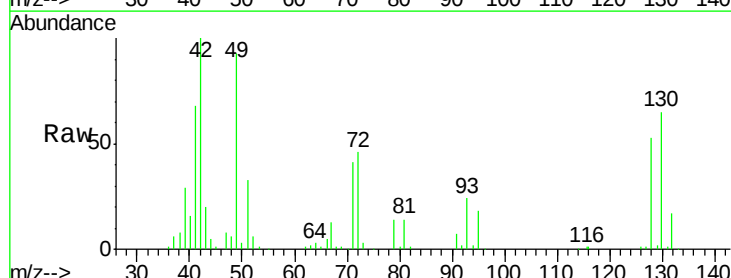
RT: 7.36 min Scan# 922

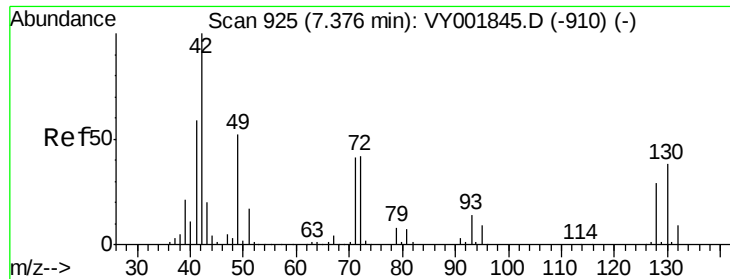
Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	73.1	54.4	81.6





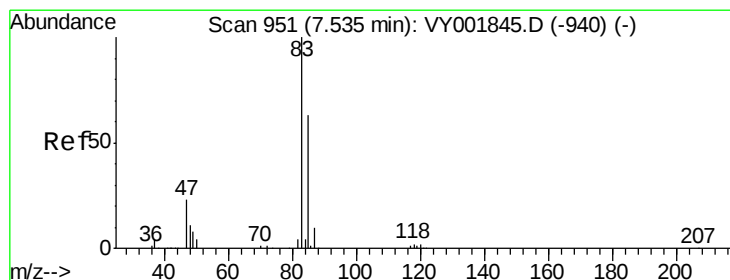
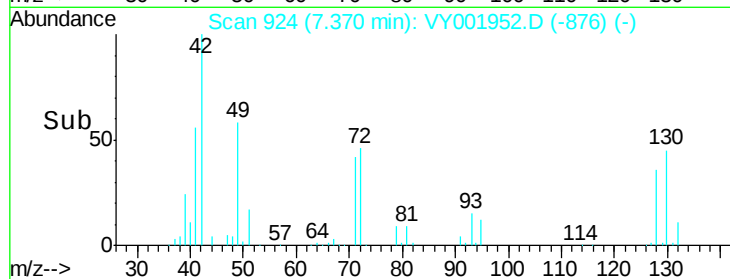
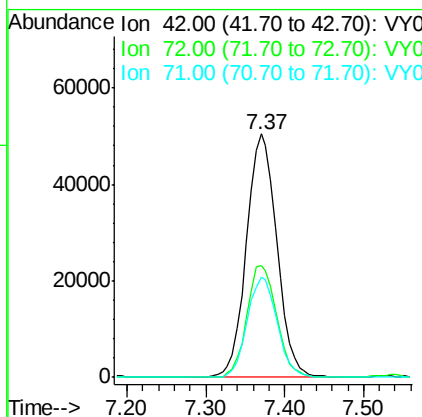
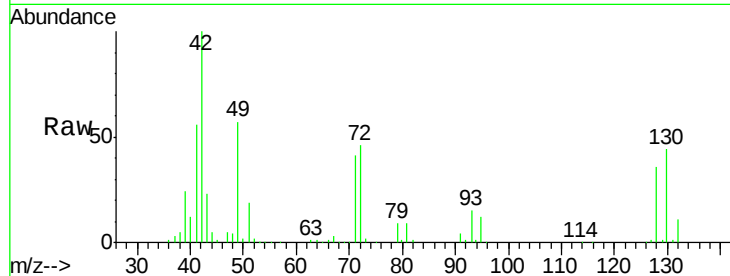
#29
Tetrahydrofuran
Concen: 221.112 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	33.5	50.3
71	40.6	31.3	46.9

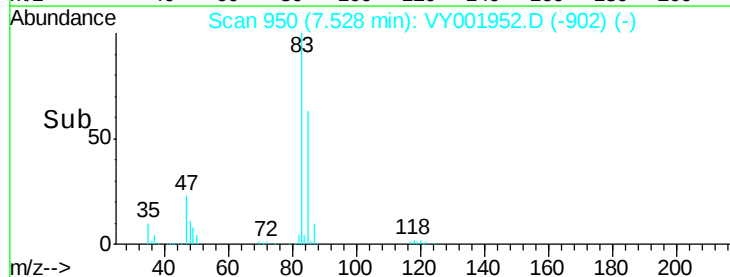
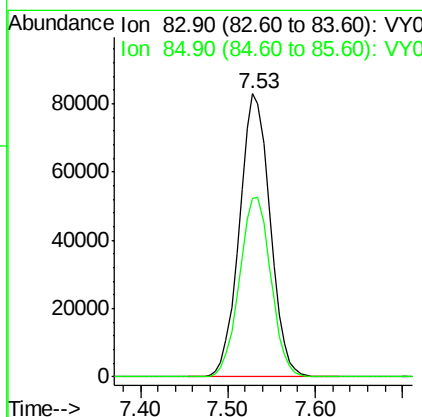
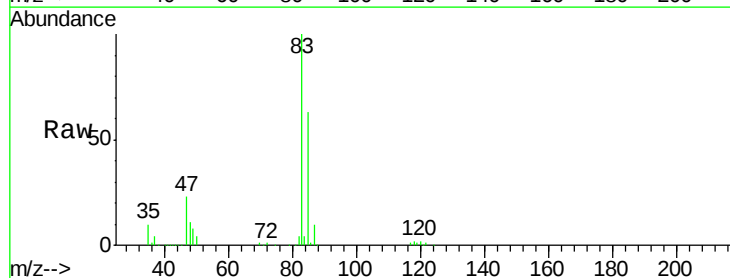
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#30
Chloroform
Concen: 50.305 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.7	76.1





#31

Cyclohexane

Concen: 43.279 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 198070

Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

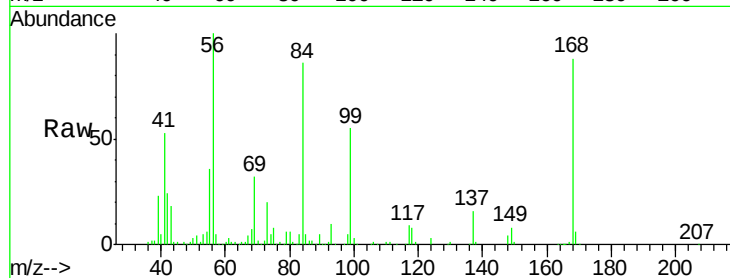
84 84.8 70.4 105.6

Manual Integrations

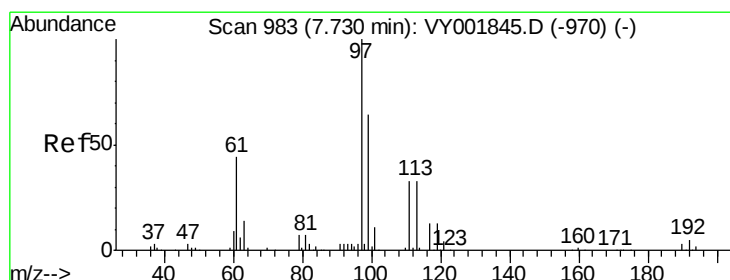
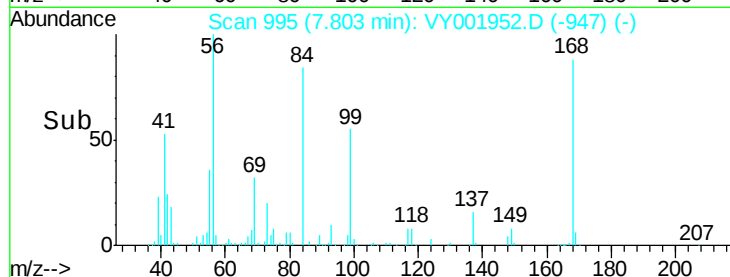
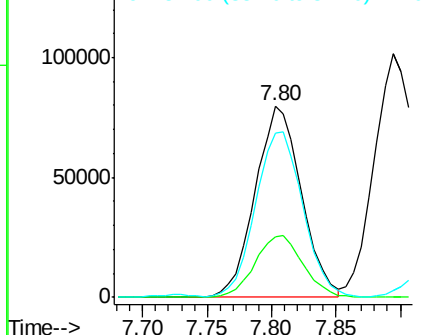
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.167 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

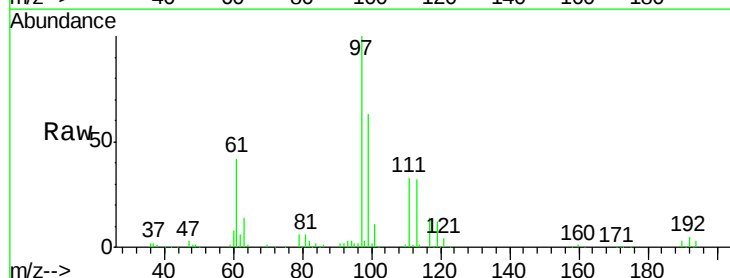
Tgt Ion: 97 Resp: 172940

Ion Ratio Lower Upper

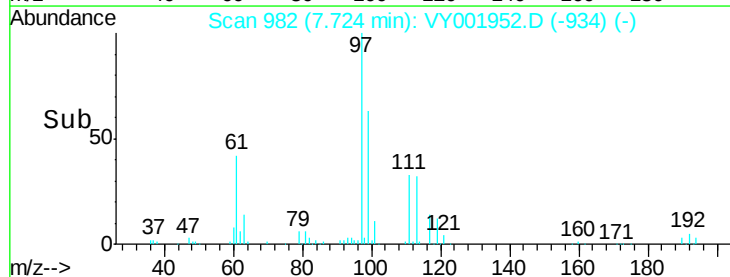
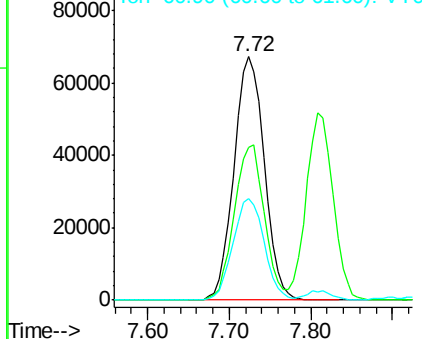
97 100

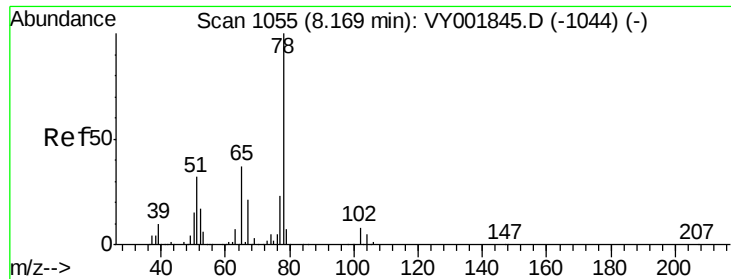
99 63.0 52.0 78.0

61 42.8 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 48.566 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 101145

Ion Ratio Lower Upper

65 100

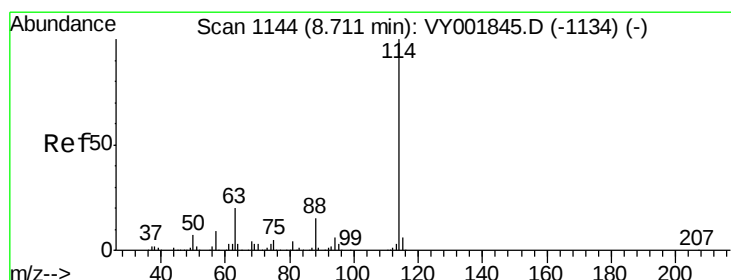
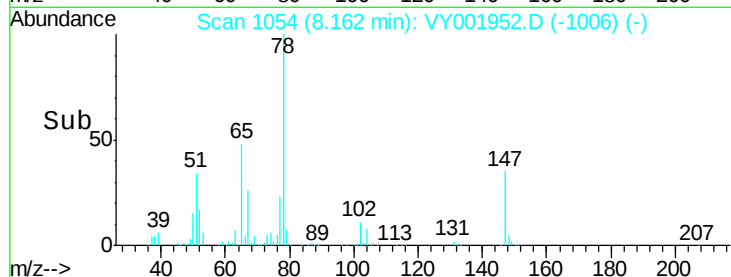
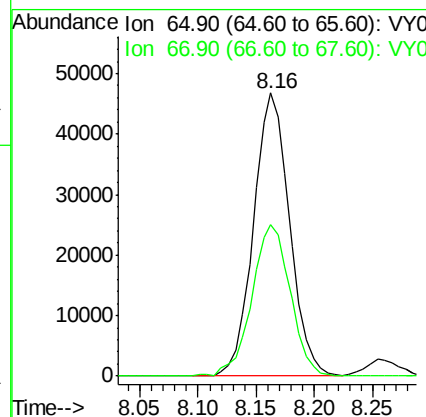
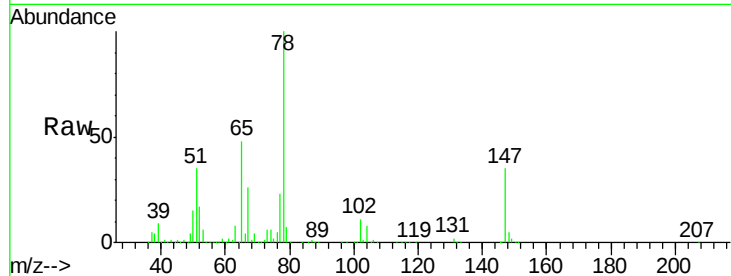
67 56.9 0.0 110.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

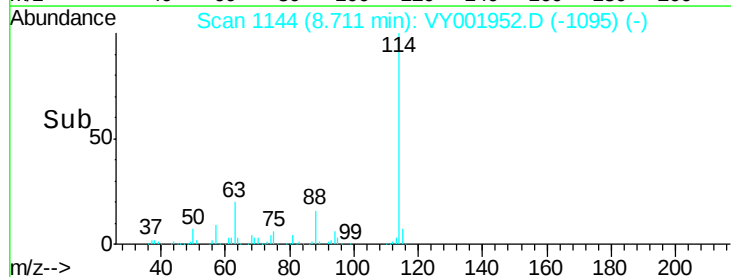
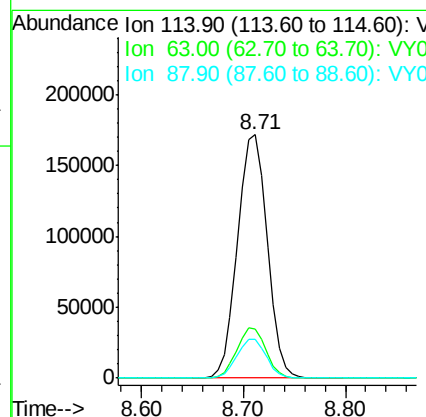
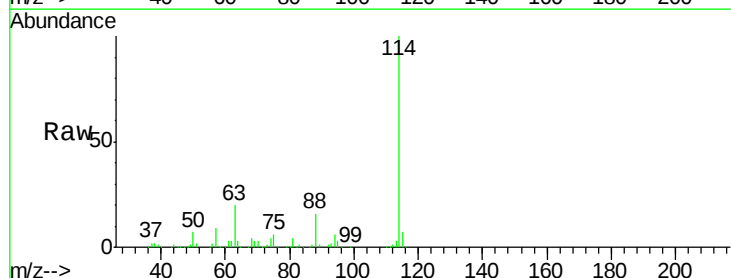
Tgt Ion: 114 Resp: 346708

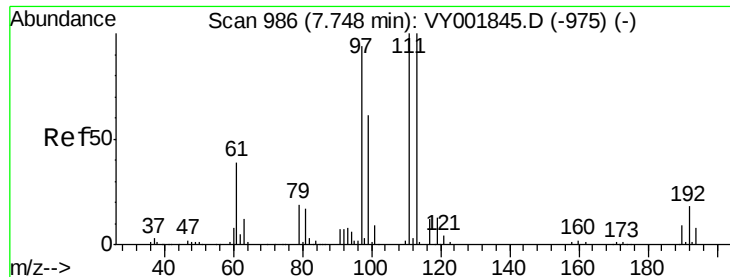
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.038 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 96625

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

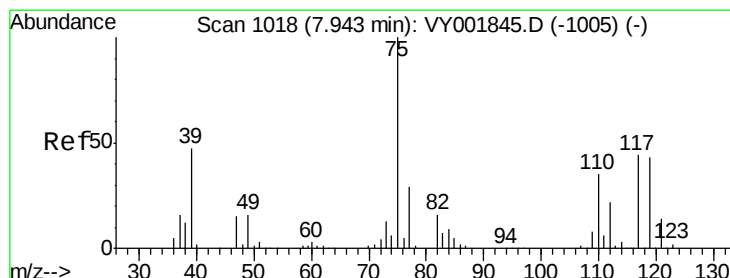
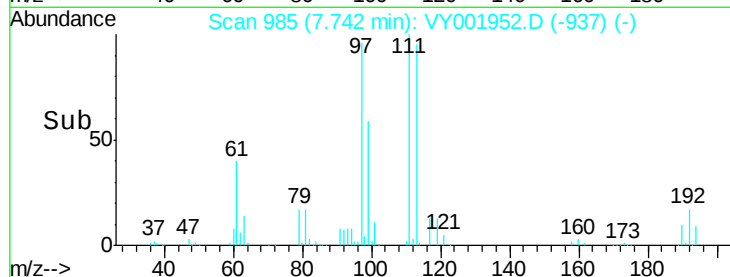
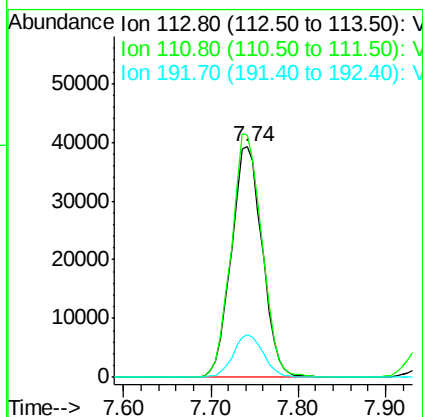
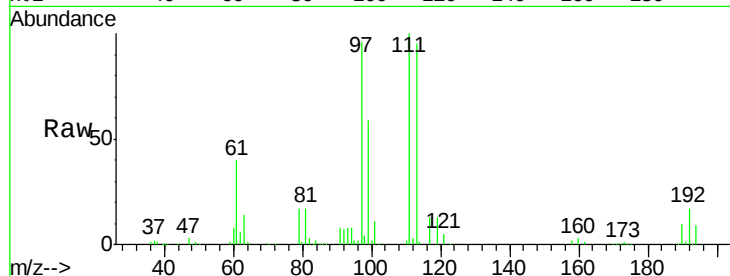
192 17.9 14.2 21.2

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#36

1,1-Dichloropropene

Concen: 49.127 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

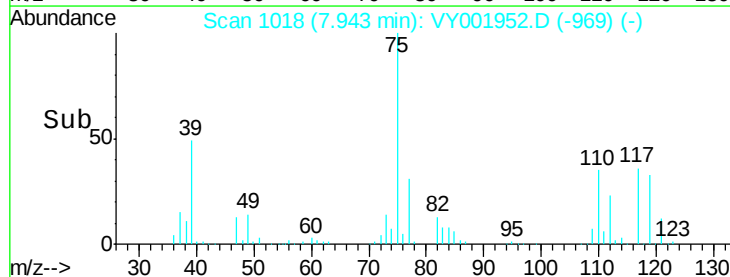
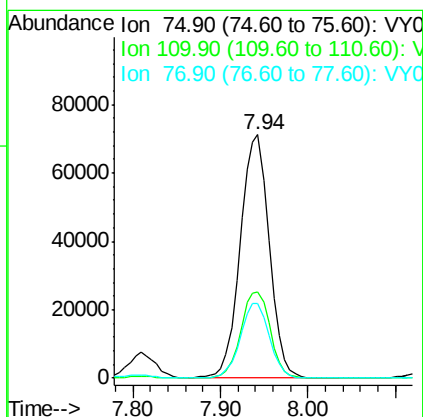
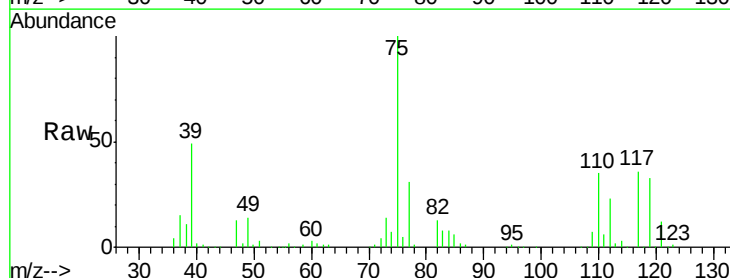
Tgt Ion: 75 Resp: 163907

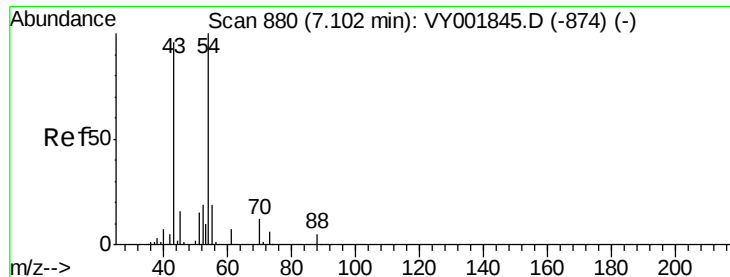
Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.2

77 31.0 24.2 36.2





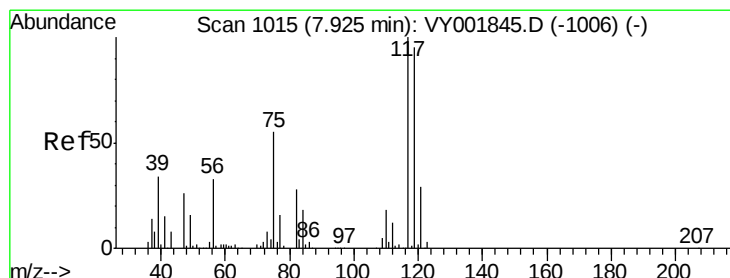
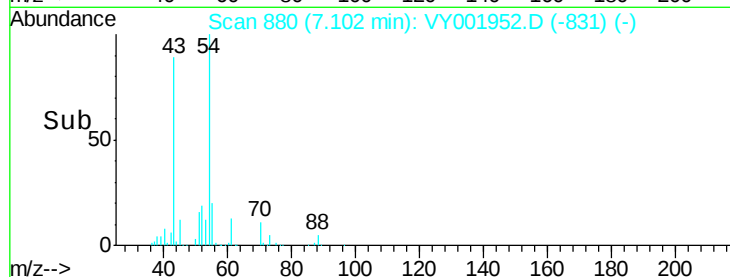
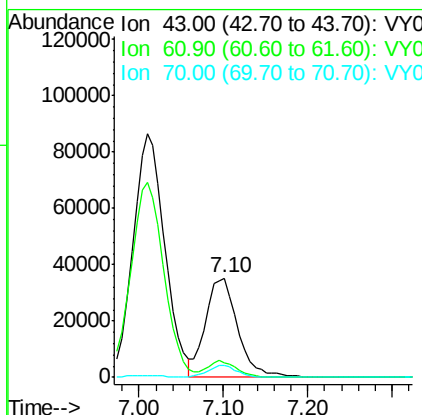
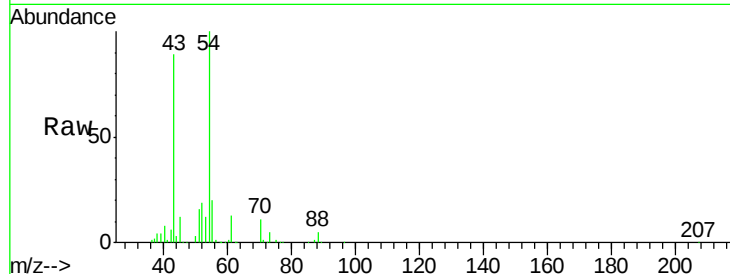
#37
Ethyl Acetate
Concen: 48.252 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.1	16.7
70	11.2	8.2	12.4

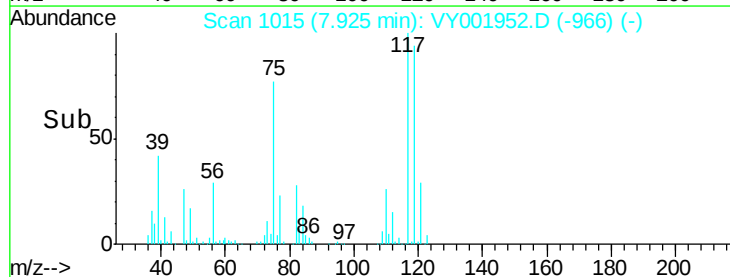
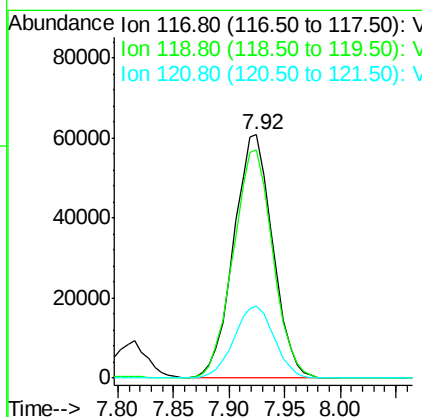
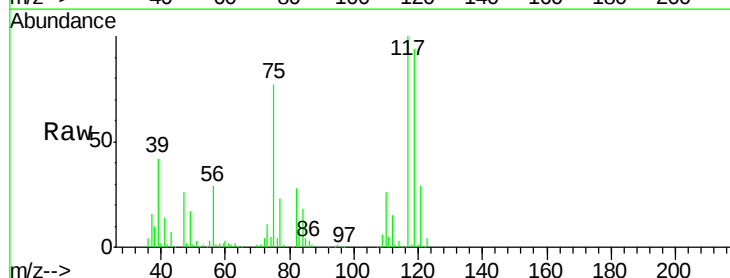
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#38
Carbon Tetrachloride
Concen: 51.991 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.3	114.5
121	29.4	23.5	35.3





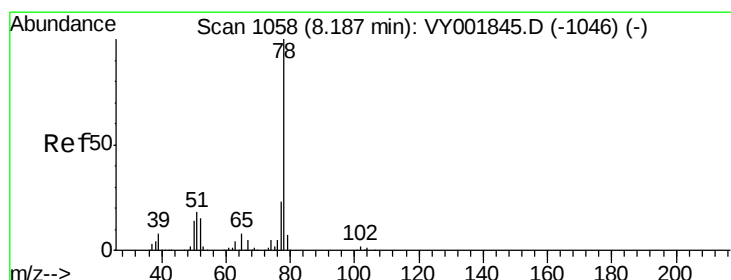
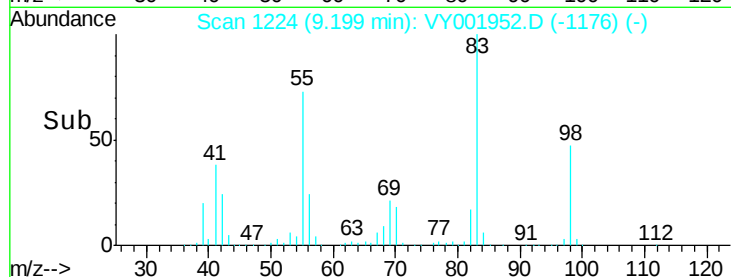
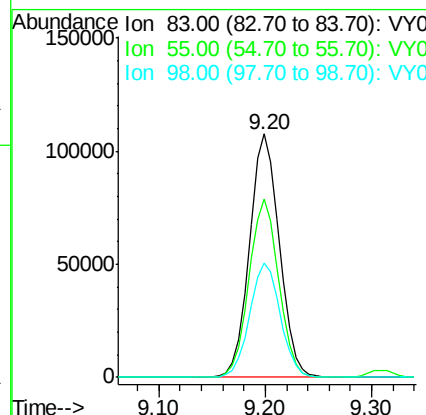
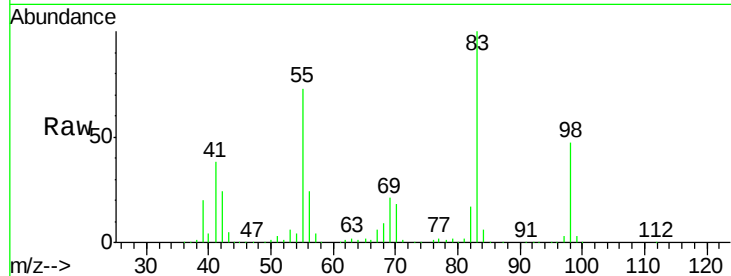
#39
Methvlcvclohexane
Concen: 47.855 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	211763		
55	73.3		59.4	89.0
98	46.9		38.9	58.3

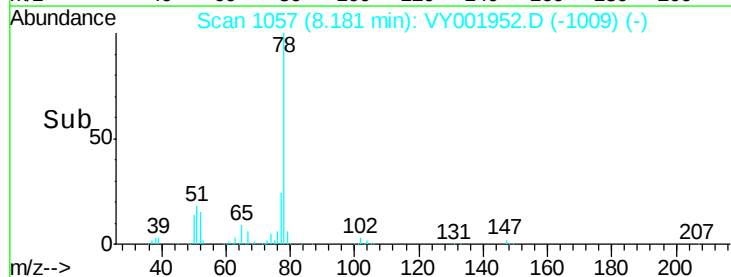
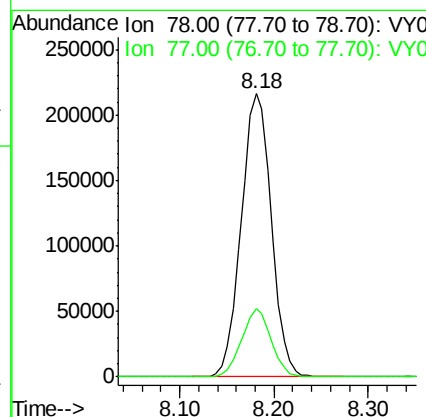
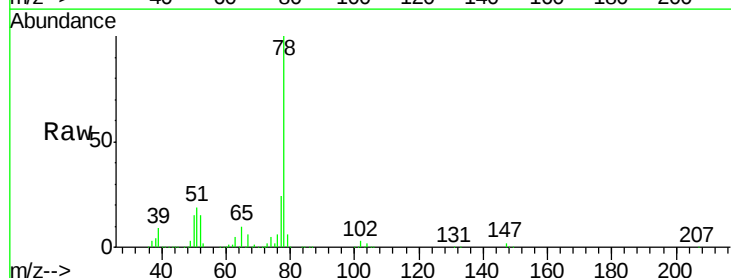
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#40
Benzene
Concen: 48.766 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	482247		
77	24.3		18.7	28.1





#41

Methacrylonitrile

Concen: 46.321 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 40423

Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

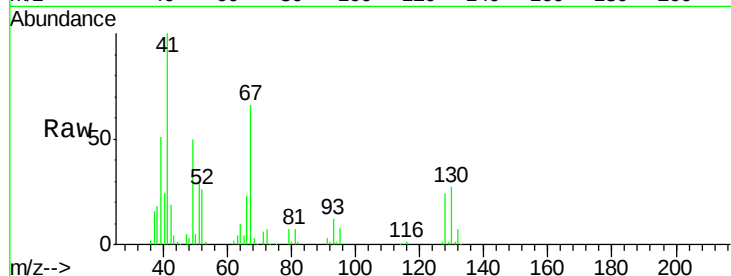
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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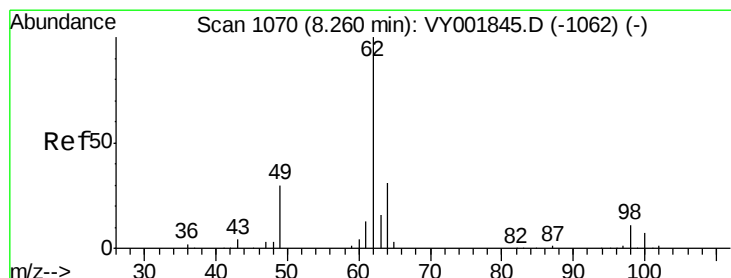
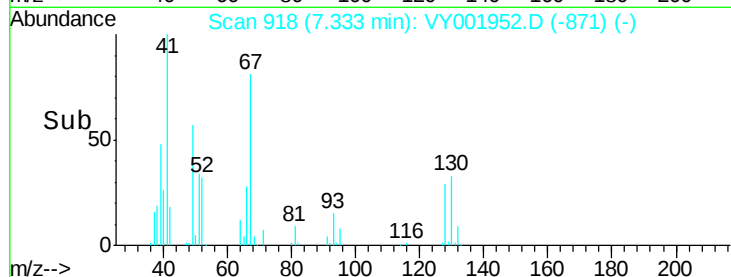
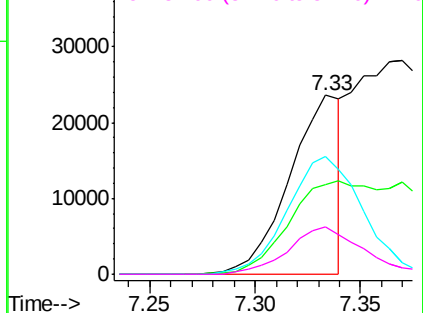


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.217 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VY001952.D

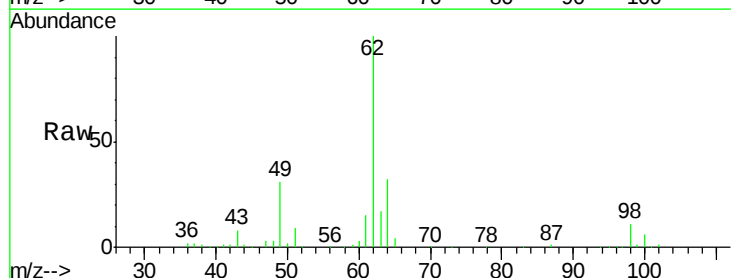
Acq: 12 Mar 2020 10:11

Tgt Ion: 62 Resp: 130512

Ion Ratio Lower Upper

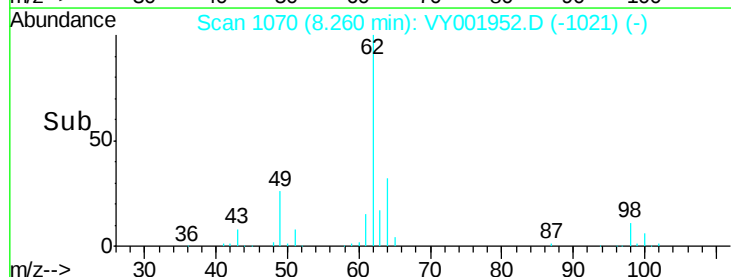
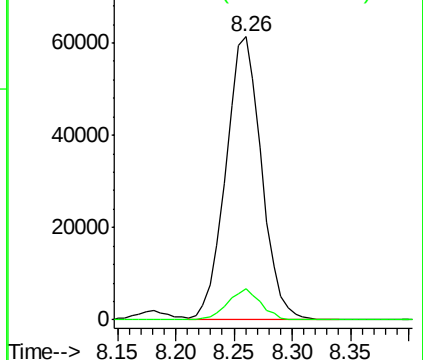
62 100

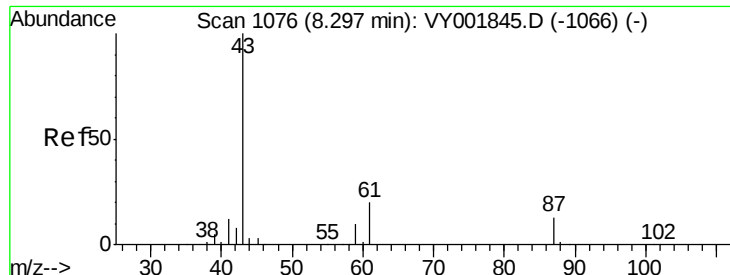
98 10.3 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





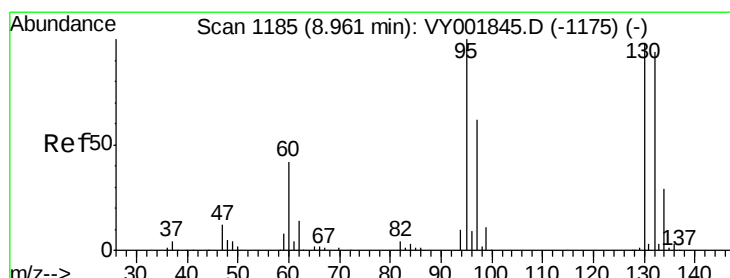
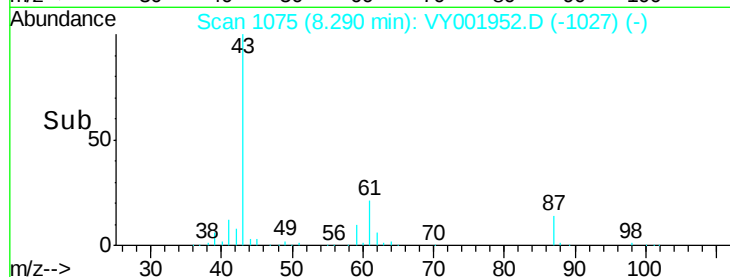
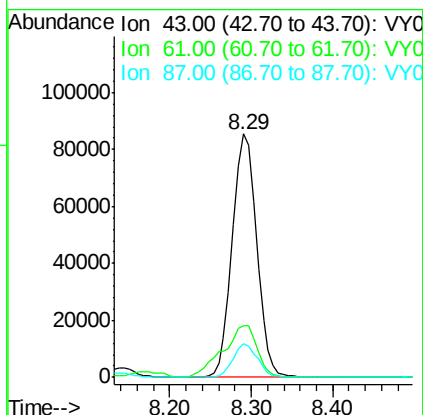
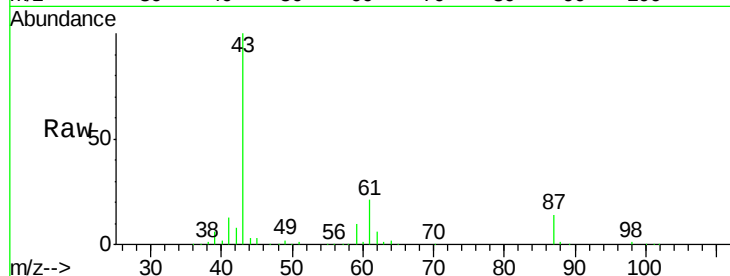
#43
Isopropyl Acetate
Concen: 48.215 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.8	35.6
87	13.8	10.9	16.3

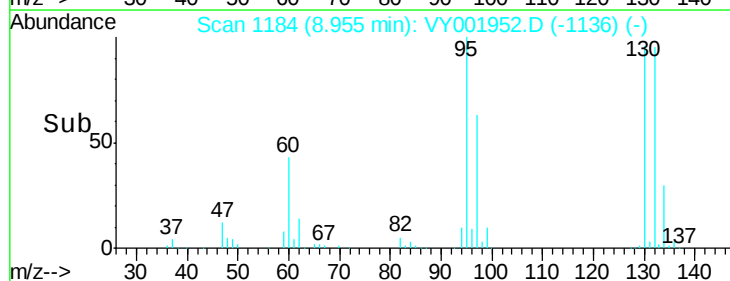
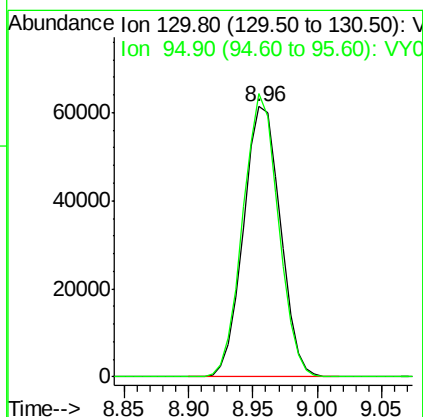
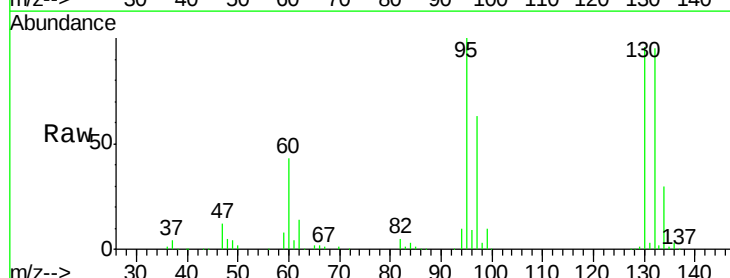
Manual Integrations
APPROVED

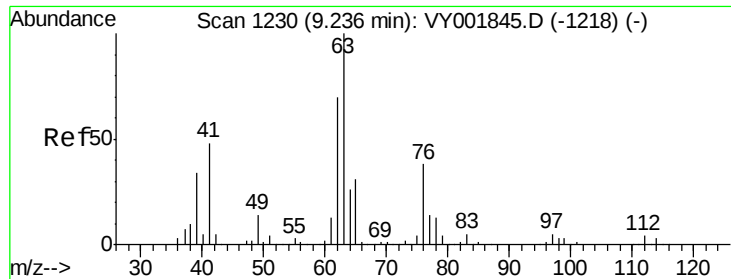
MMDadoda
3/16/2020 11:42:30 AM



#44
Trichloroethene
Concen: 50.597 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	204.6





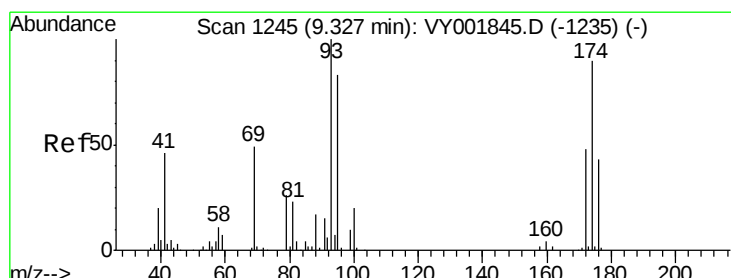
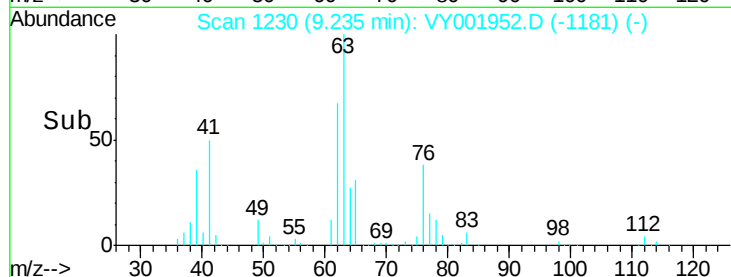
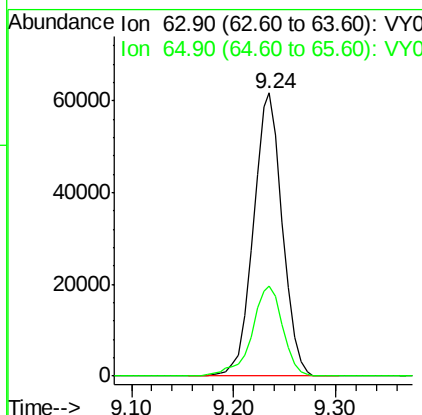
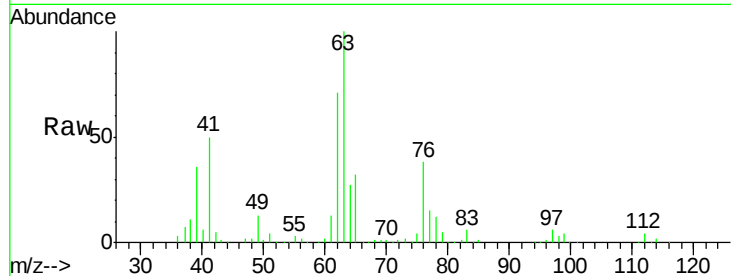
#45
 1,2-Dichloropropane
 Concen: 48.902 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.9	37.3

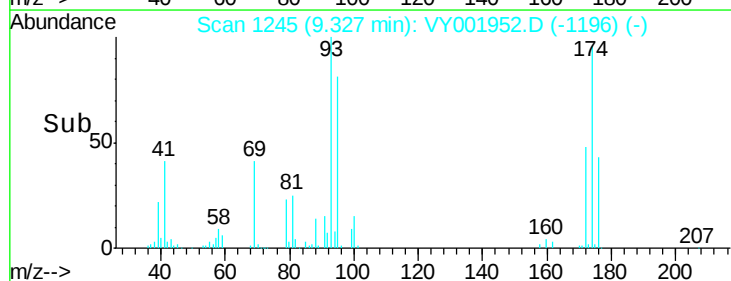
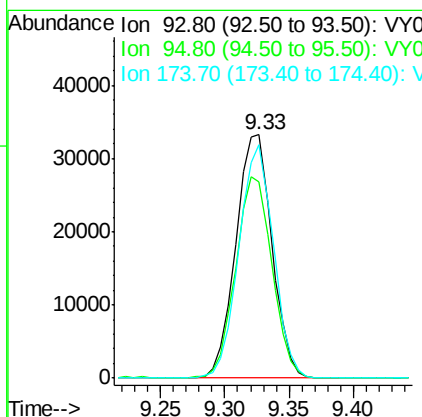
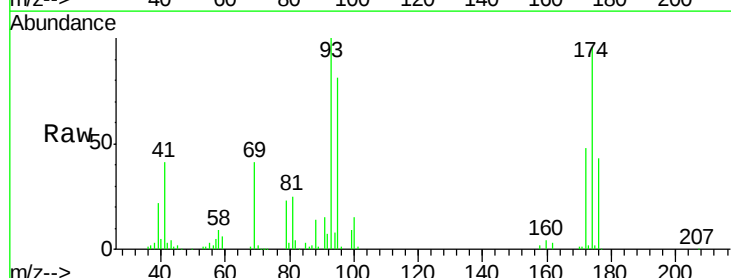
Manual Integrations
 APPROVED

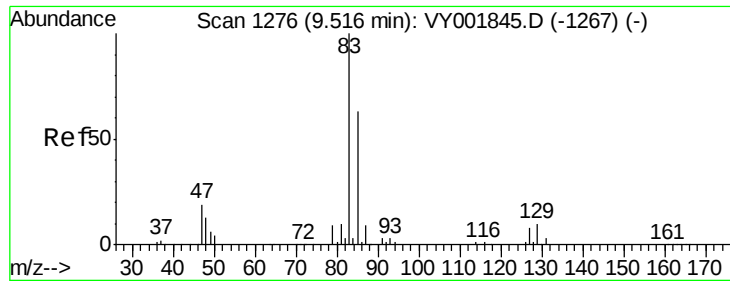
MMDadoda
 3/16/2020 11:42:30 AM



#46
 Dibromomethane
 Concen: 50.557 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.0	100.4
174	91.6	71.8	107.8





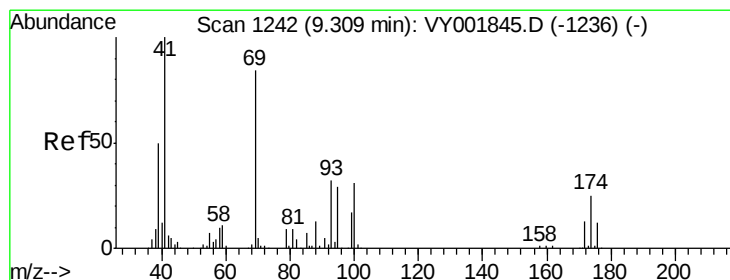
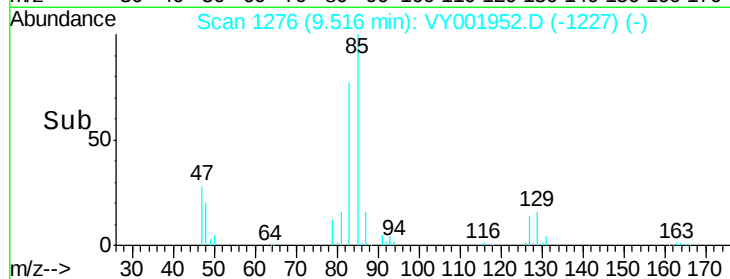
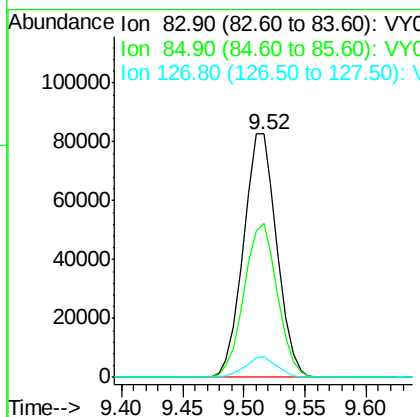
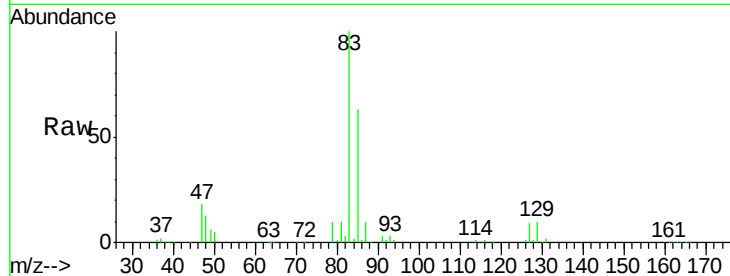
#47
Bromodichloromethane
Concen: 52.615 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	76.0
127	8.6	6.2	9.4

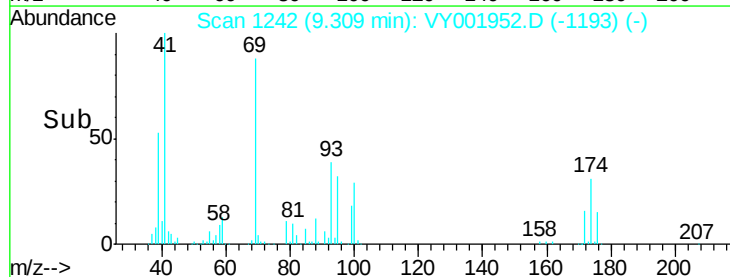
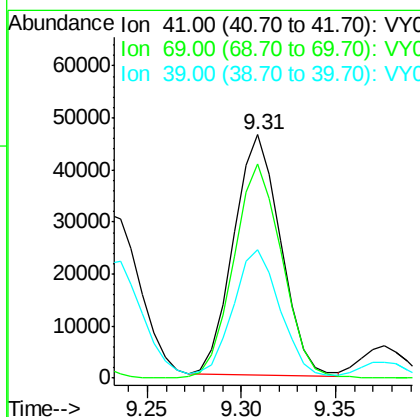
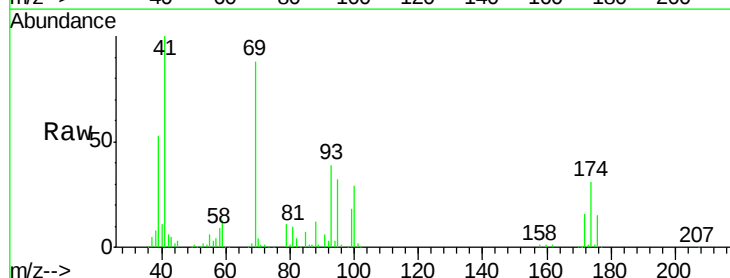
Manual Integrations
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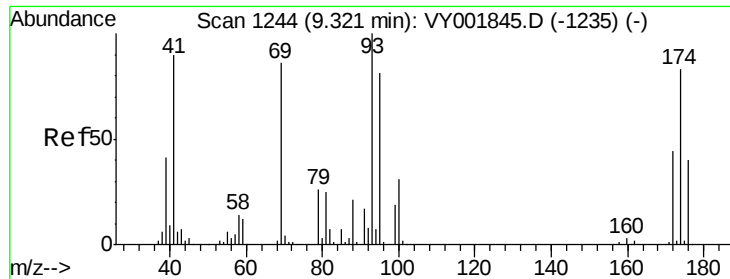
MMDadoda
3/16/2020 11:42:30 AM



#48
Methyl methacrylate
Concen: 48.850 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.1	69.0	103.6
39	51.5	39.1	58.7





#49

1,4-Dioxane

Concen: 880.327 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 15453

Ion Ratio Lower Upper

88 100

43 30.1 25.0 37.6

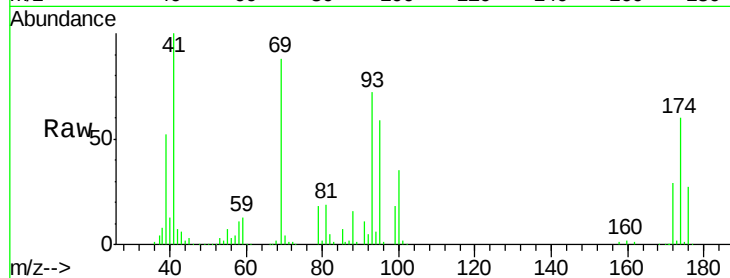
58 74.6 58.9 88.3

Manual Integrations

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MMDadoda

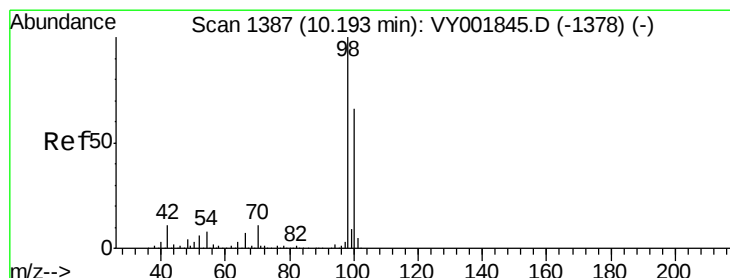
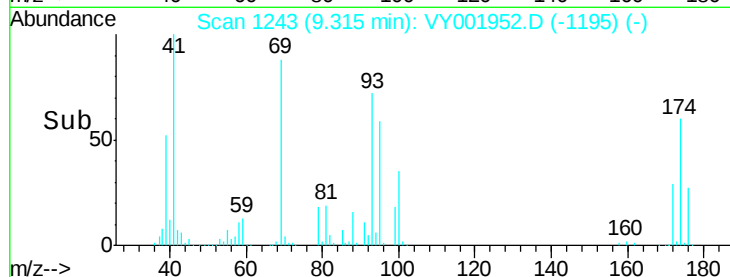
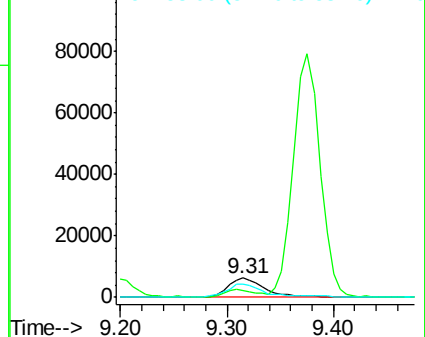
3/16/2020 11:42:30 AM



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: 49.114 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001952.D

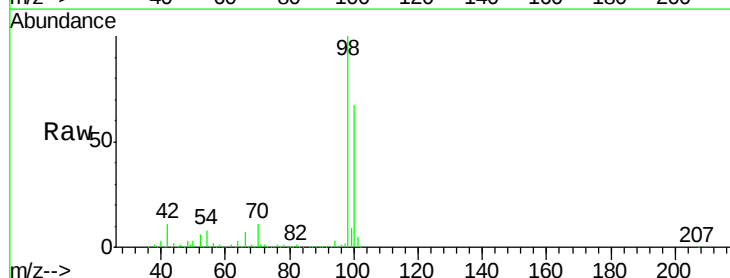
Acq: 12 Mar 2020 10:11

Tgt Ion: 98 Resp: 392089

Ion Ratio Lower Upper

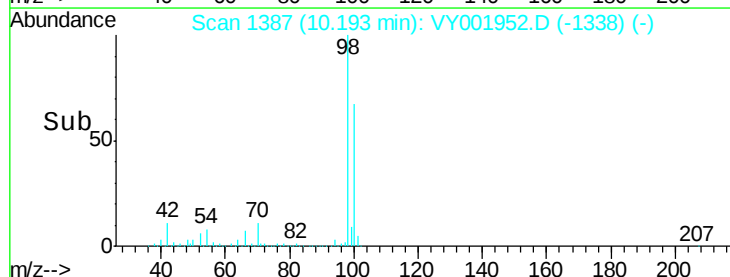
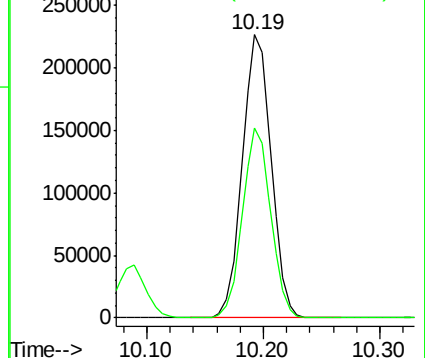
98 100

100 65.9 53.0 79.4



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: 239.037 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 452013

Ion Ratio Lower Upper

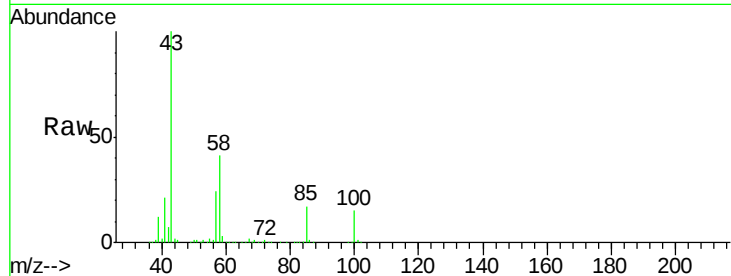
43 100

58 41.1 32.0 48.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

250000

200000

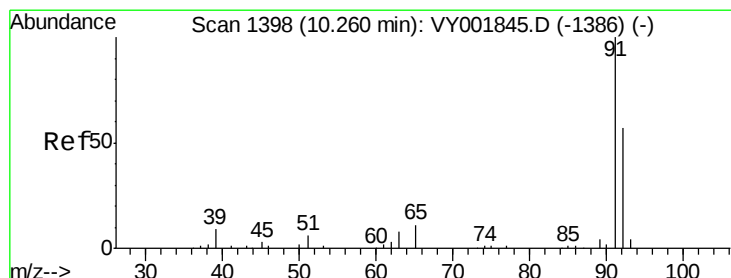
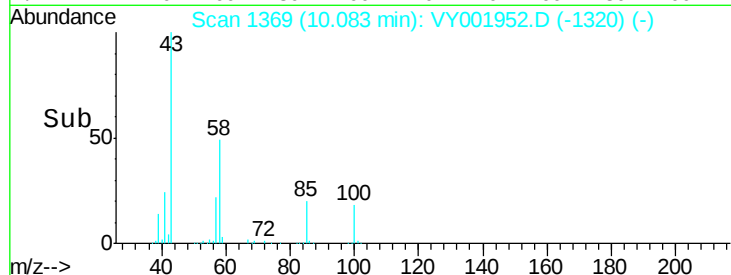
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.756 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VY001952.D

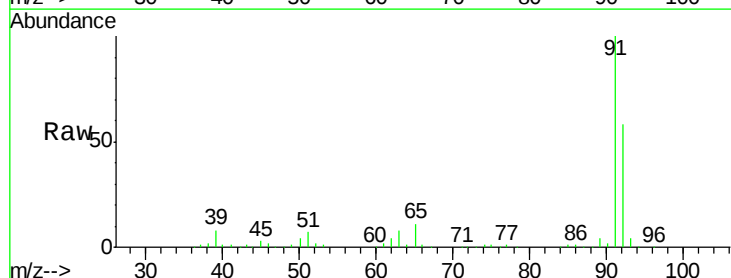
Acq: 12 Mar 2020 10:11

Tgt Ion: 92 Resp: 298904

Ion Ratio Lower Upper

92 100

91 170.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.26

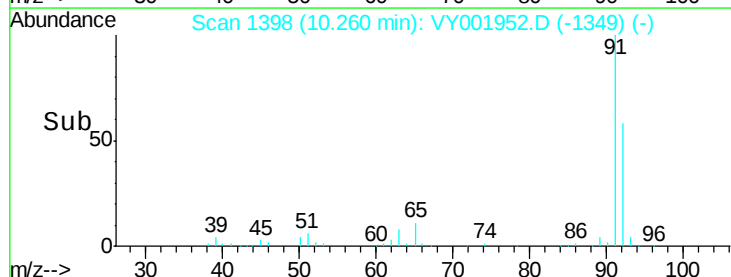
300000

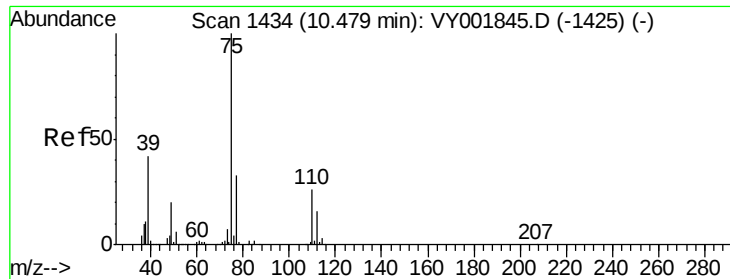
200000

100000

0

Time-->





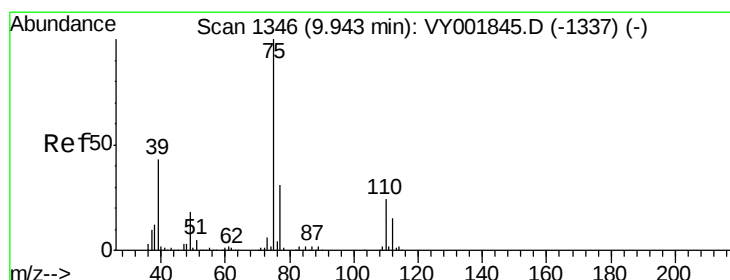
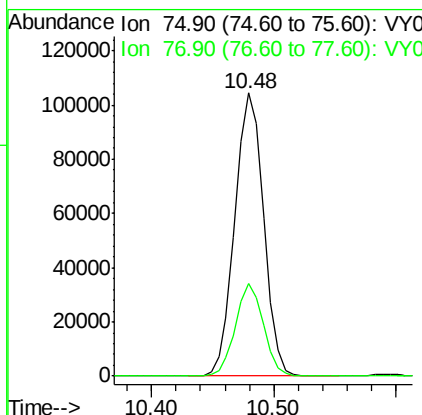
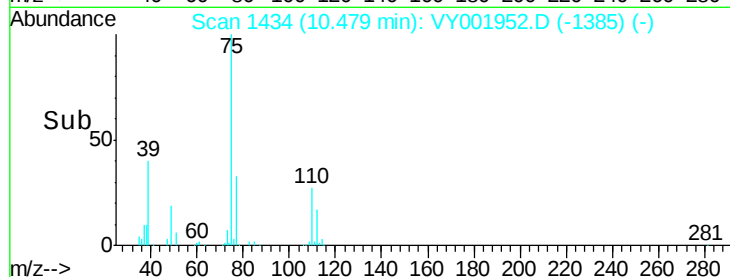
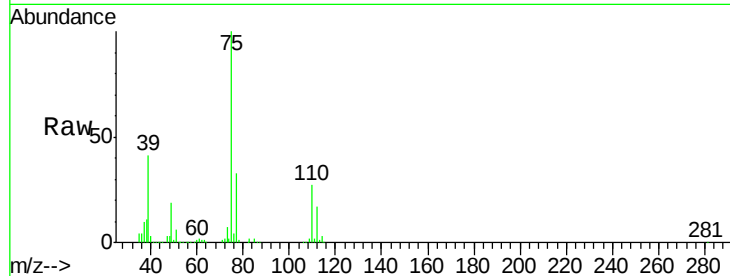
#53
t-1,3-Dichloropropene
Concen: 52.304 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 169813
Ion Ratio Lower Upper
75 100
77 32.6 26.3 39.5

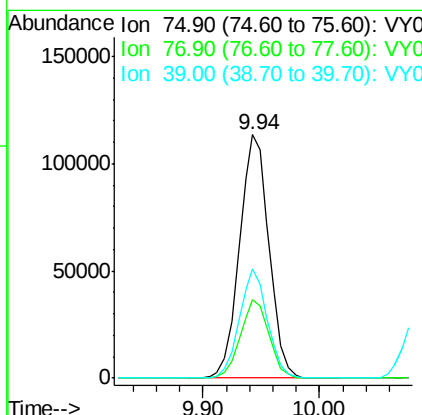
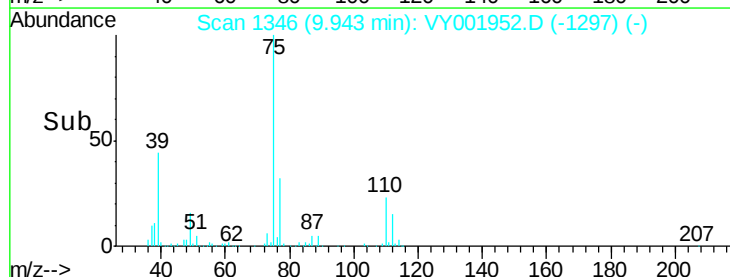
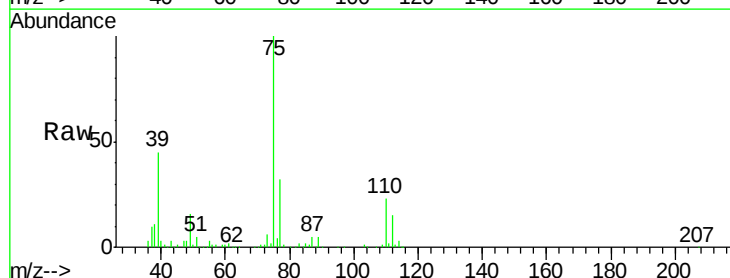
Manual Integrations
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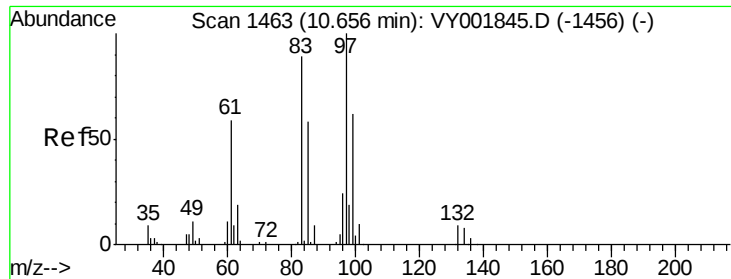
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.431 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 75 Resp: 198779
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
39 44.8 34.7 52.1





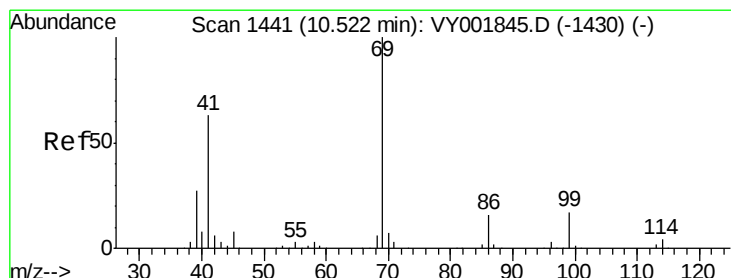
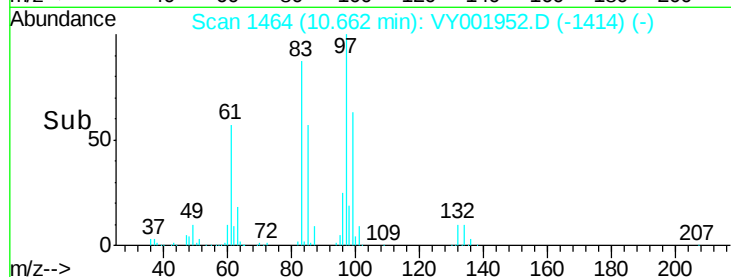
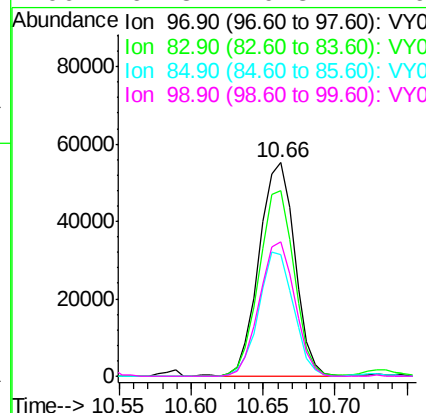
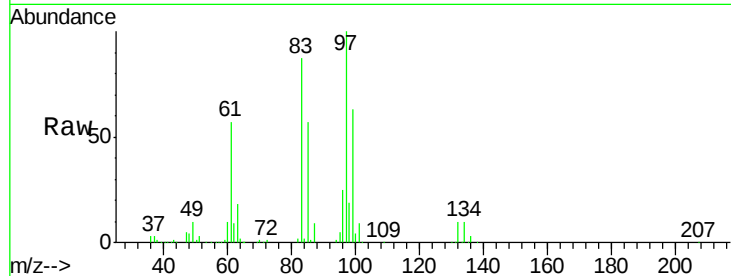
#55
 1,1,2-Trichloroethane
 Concen: 50.554 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	94779		
83	83	86.7	71.6	107.4	
85	85	56.6	46.6	69.8	
99	99	62.8	49.8	74.6	

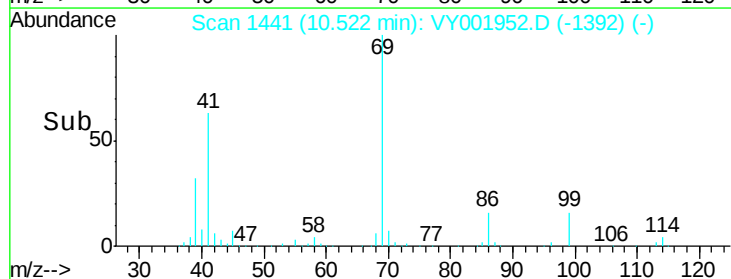
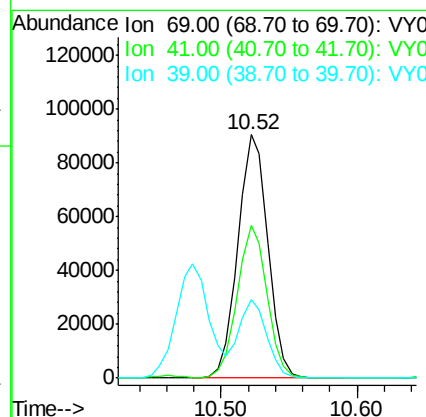
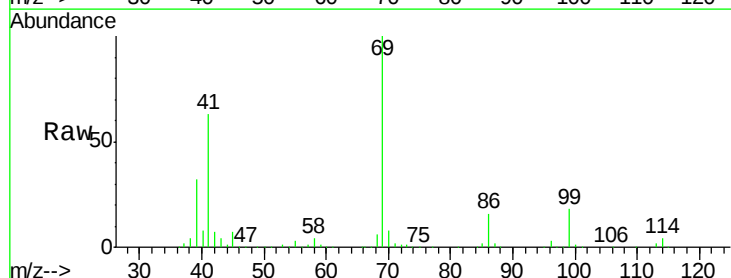
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#56
 Ethyl methacrylate
 Concen: 50.549 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	69	100	138911		
41	41	62.0	49.9	74.9	
39	39	30.0	23.0	34.6	





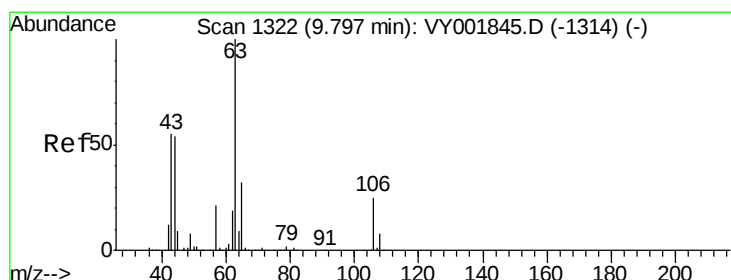
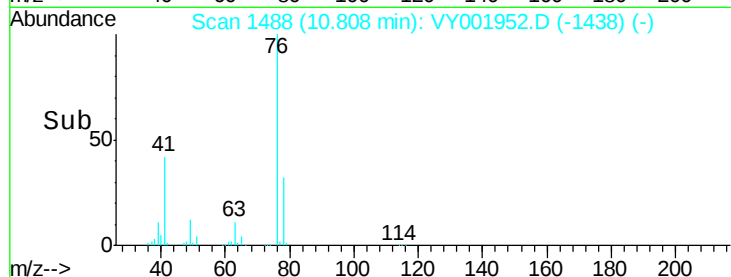
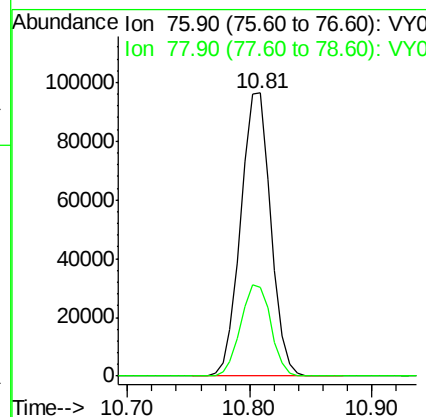
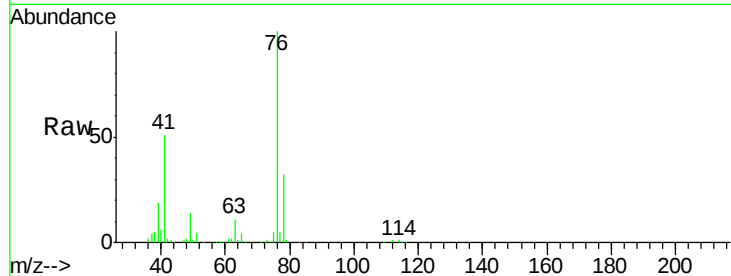
#57
 1,3-Dichloropropane
 Concen: 48.965 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

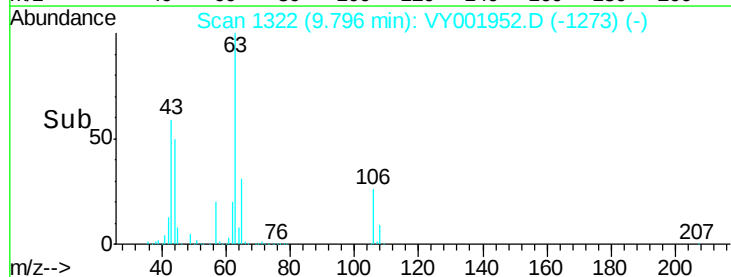
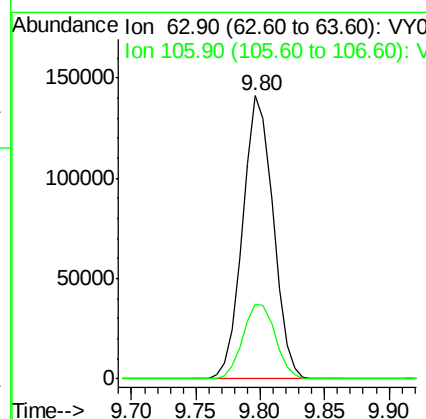
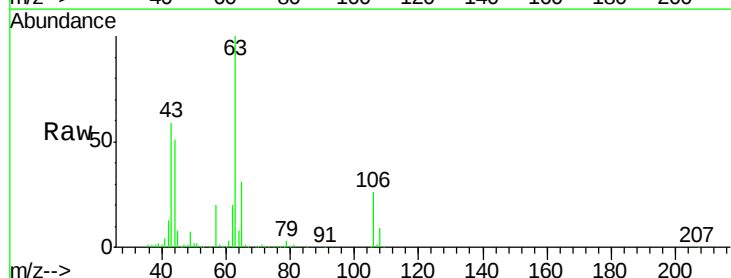
Manual Integrations
 APPROVED

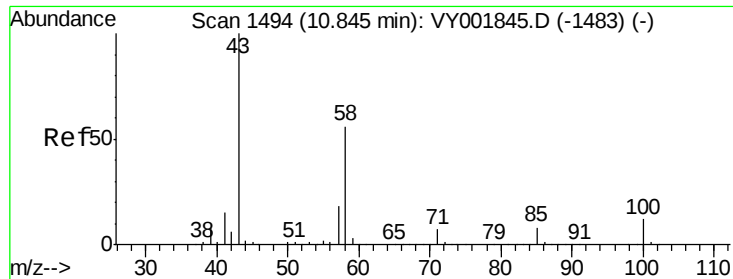
MMDadoda
 3/16/2020 11:42:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.688 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	21.3	31.9





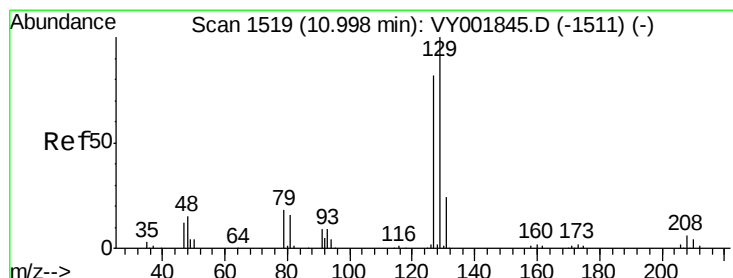
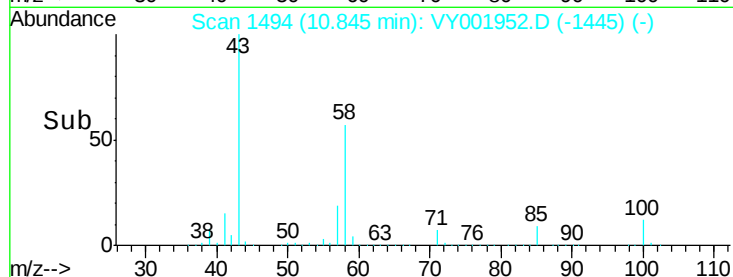
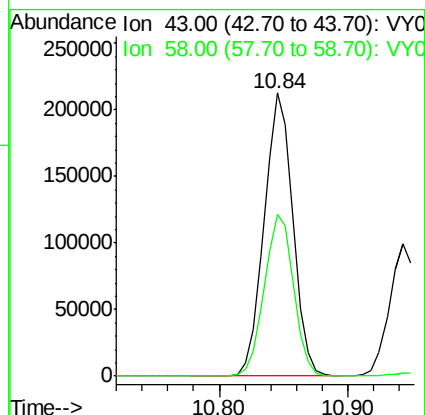
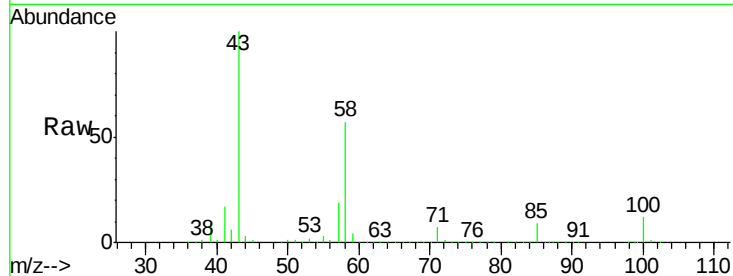
#59
2-Hexanone
Concen: 243.542 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 328706
Ion Ratio Lower Upper
43 100
58 58.3 28.1 84.3

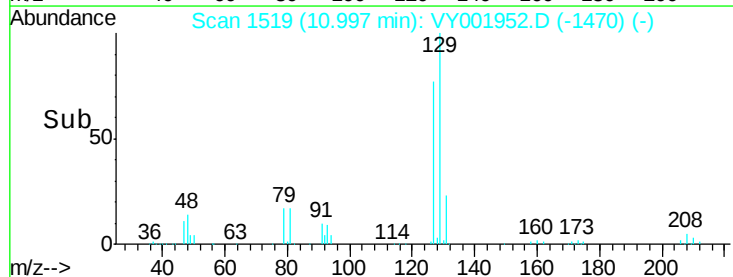
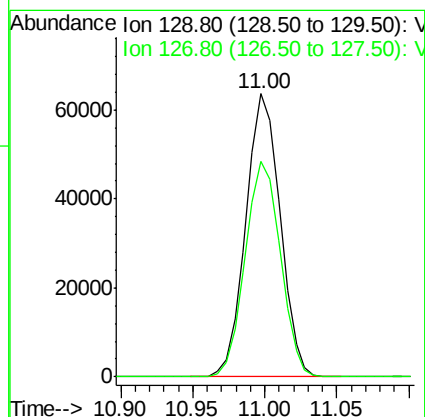
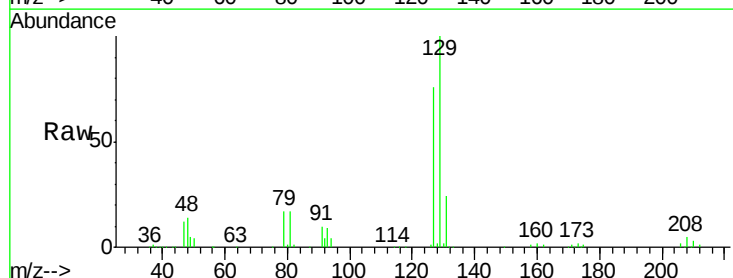
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3/16/2020 11:42:30 AM



#60
Dibromochloromethane
Concen: 53.106 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 129 Resp: 104913
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





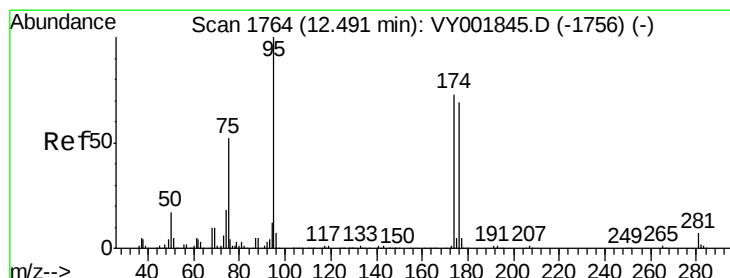
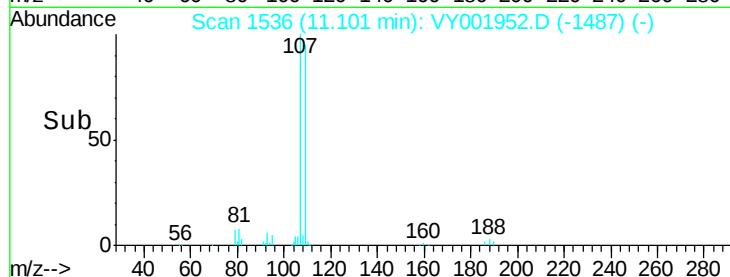
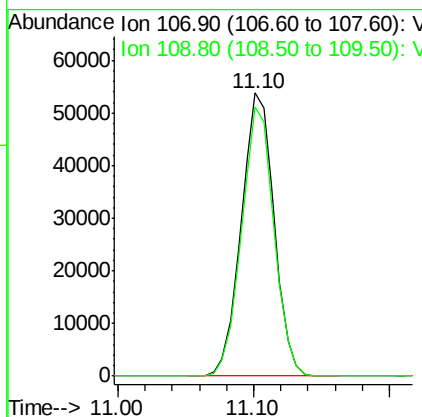
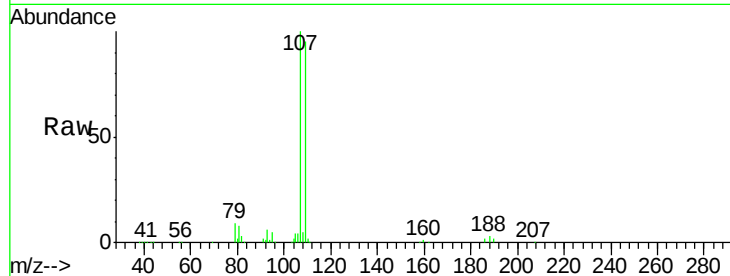
#61
 1,2-Dibromoethane
 Concen: 51.045 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 90652
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0

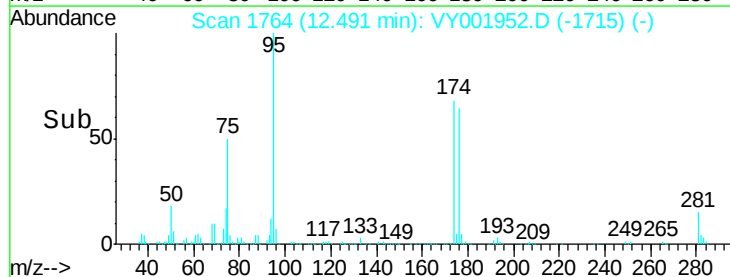
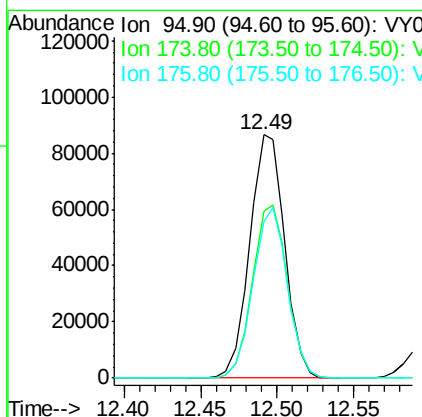
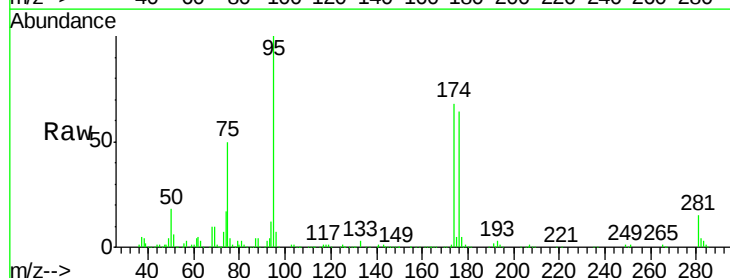
Manual Integrations
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 3/16/2020 11:42:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.500 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion: 95 Resp: 137404
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 145.0
 176 68.7 0.0 137.4





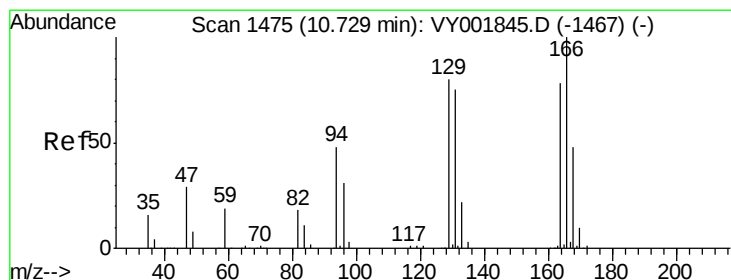
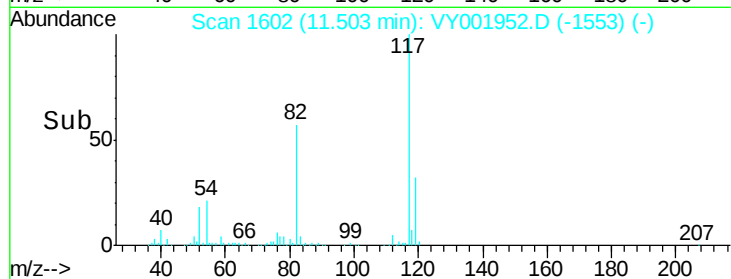
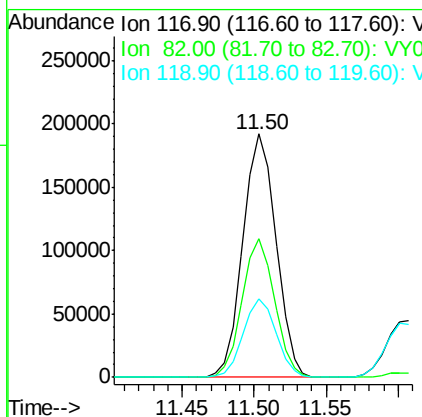
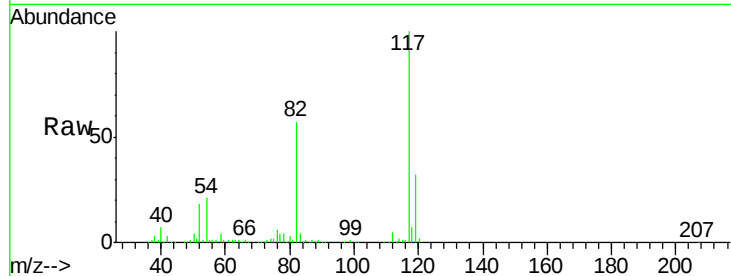
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	306651		
82	57.1		44.5	66.7
119	32.2		25.7	38.5

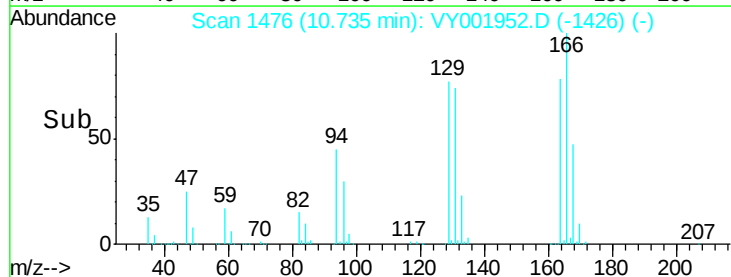
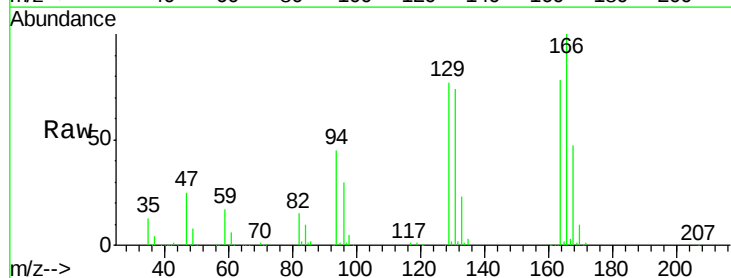
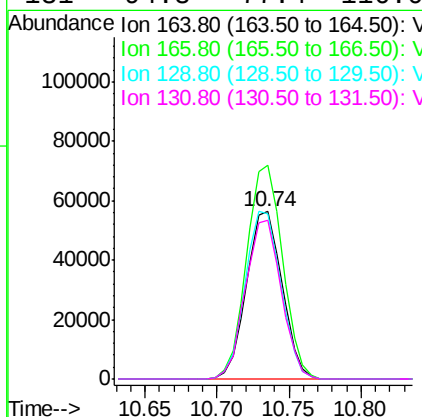
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#64
Tetrachloroethene
Concen: 50.209 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96555		
166	127.7		102.6	154.0
129	98.6		82.3	123.5
131	94.8		77.4	116.0





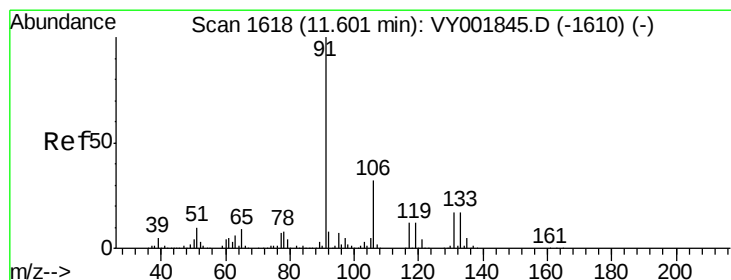
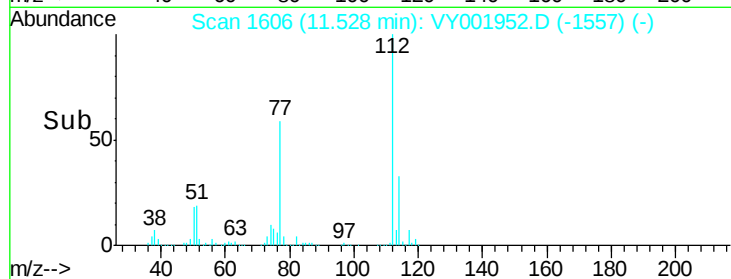
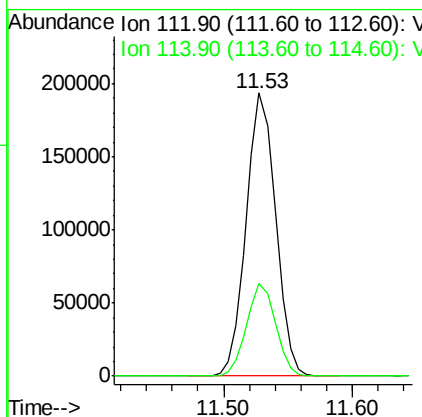
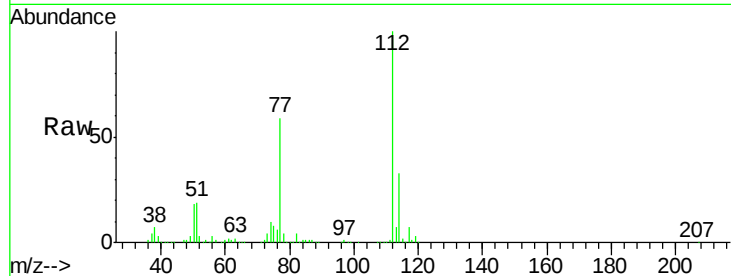
#65
Chlorobenzene
Concen: 50.109 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.9	38.9

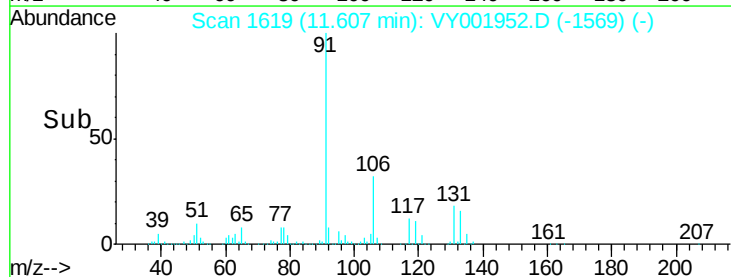
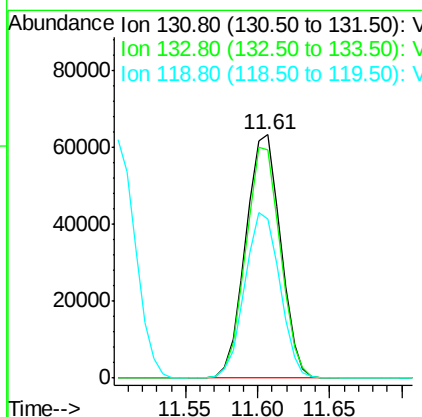
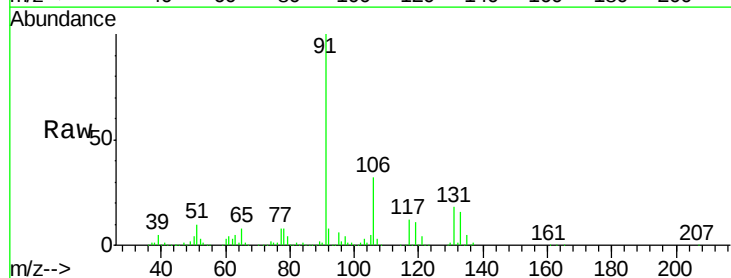
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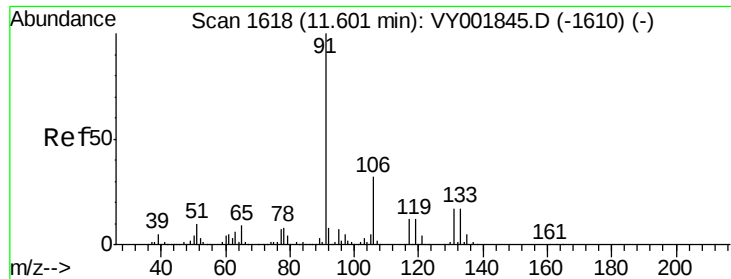
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.026 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.1	141.3
119	68.2	34.5	103.6





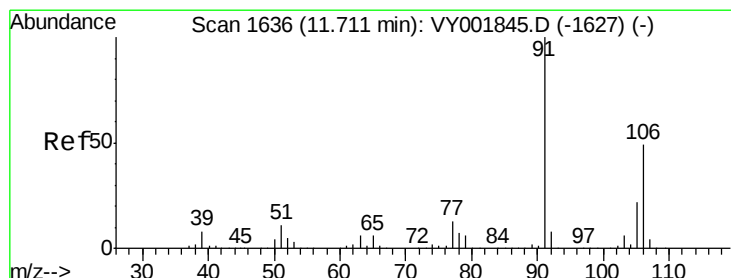
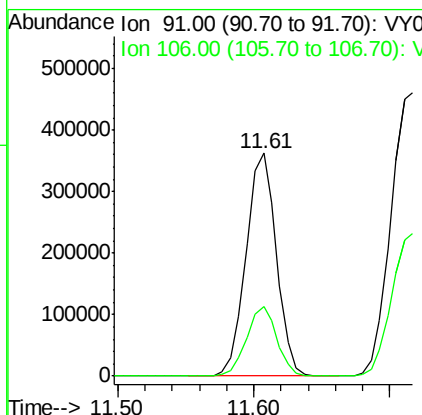
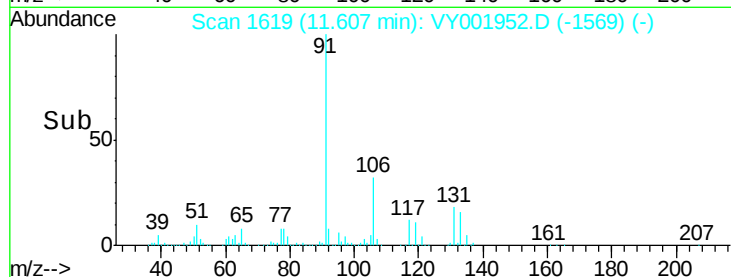
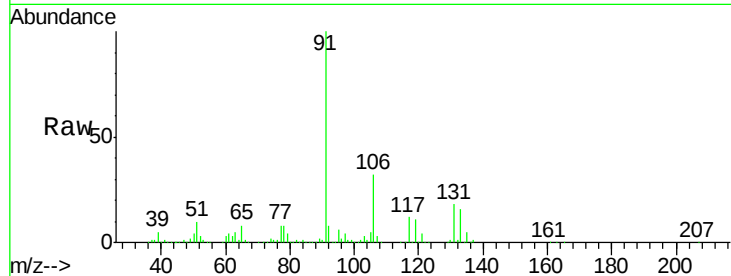
#67
Ethyl Benzene
Concen: 49.557 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 564721
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

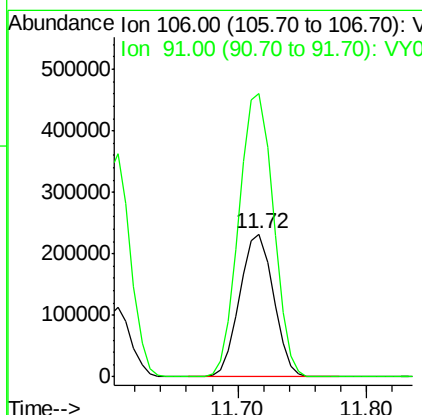
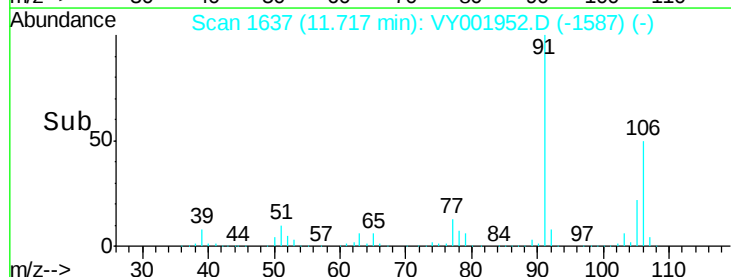
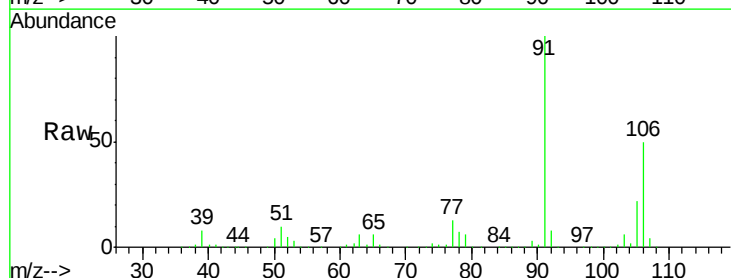
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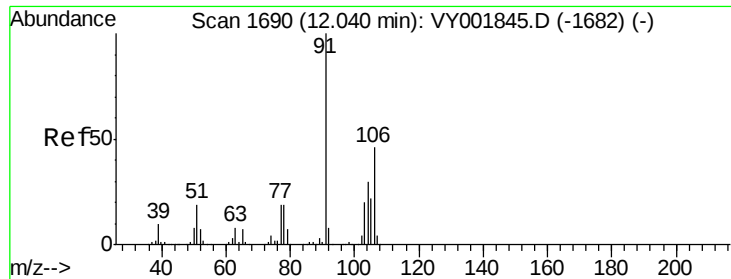
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#68
m/p-Xylenes
Concen: 100.269 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 106 Resp: 422433
Ion Ratio Lower Upper
106 100
91 202.9 161.3 241.9





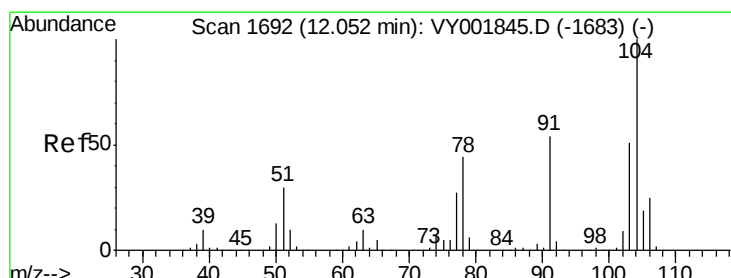
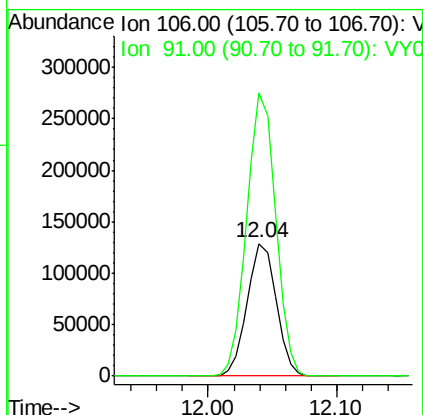
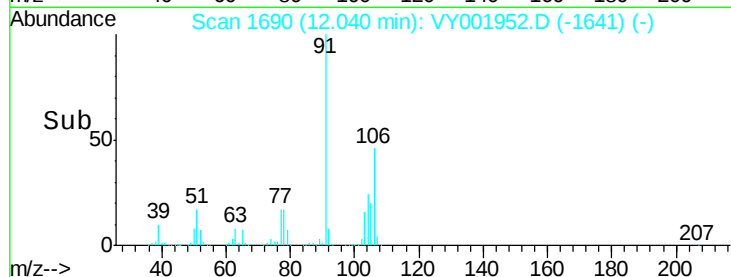
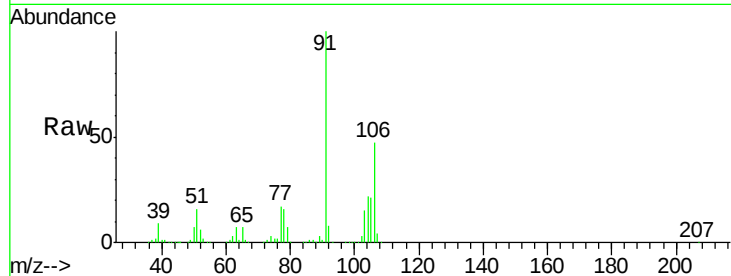
#69
o-Xylene
Concen: 50.348 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		199925		
91	213.6	106.8	320.4		

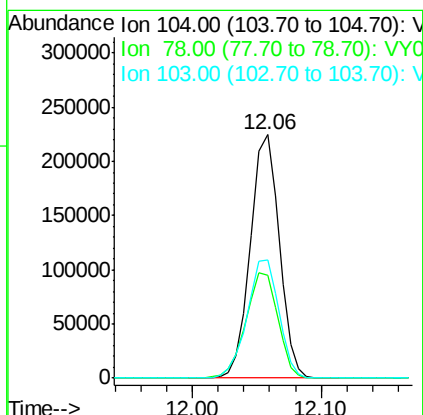
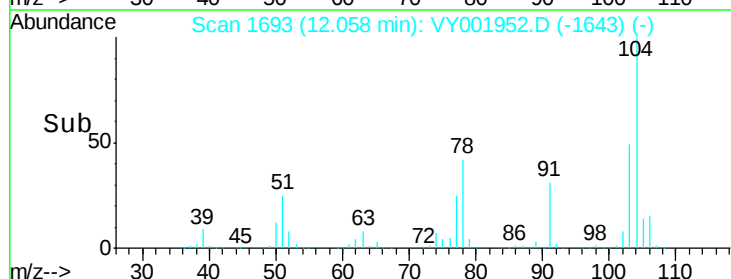
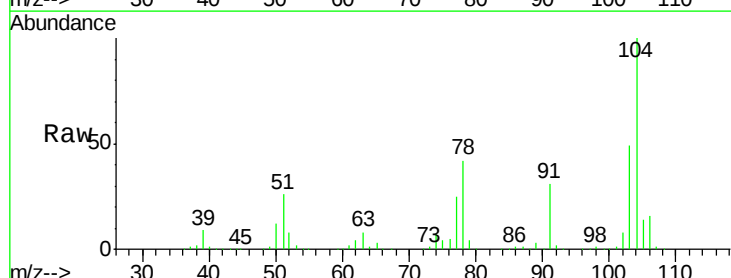
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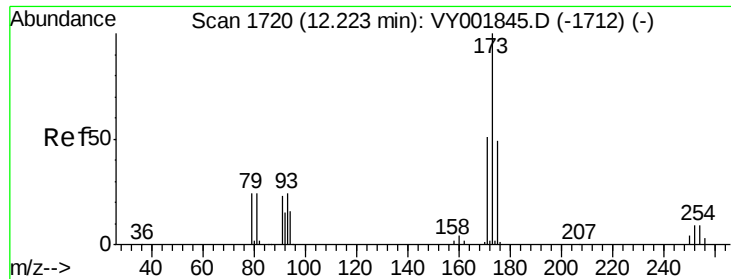
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#70
Styrene
Concen: 51.063 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		347277		
78	48.3	38.5	57.7		
103	53.6	42.9	64.3		





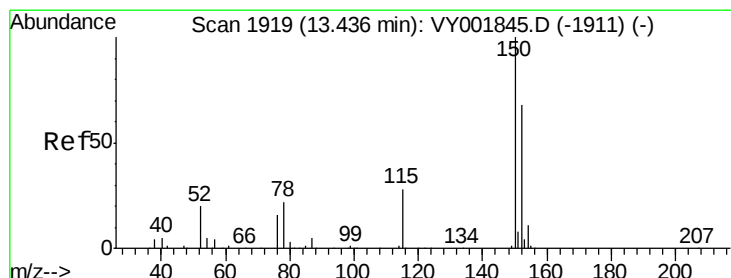
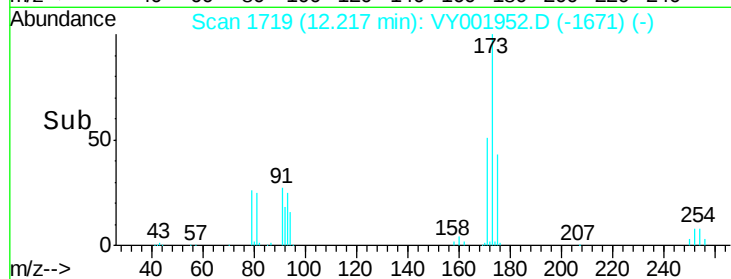
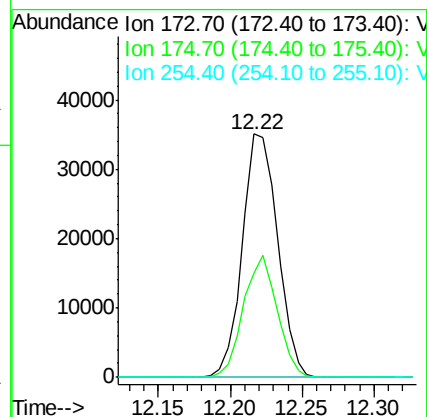
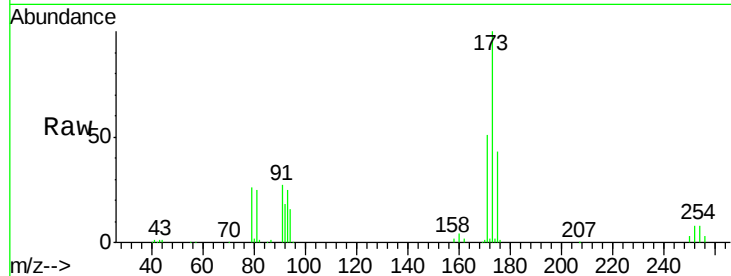
#71
Bromoform
Concen: 55.011 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.8
254	0.1	0.0	0.0#

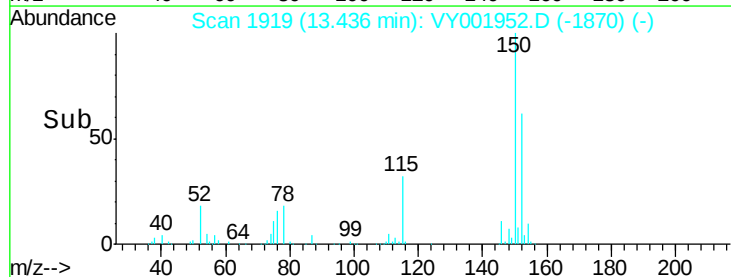
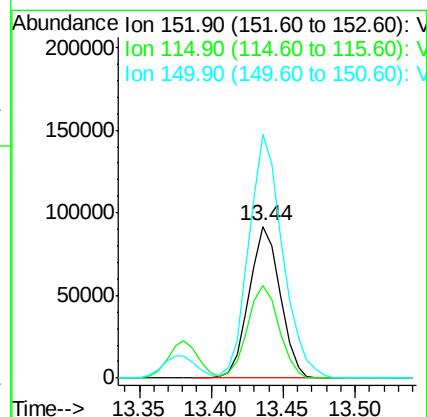
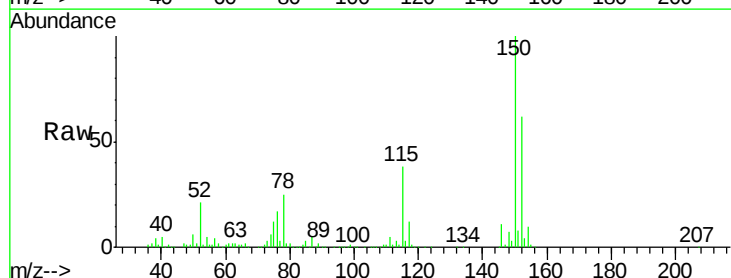
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	29.9	89.7
150	175.0	0.0	340.6





#73

Isopropylbenzene

Concen: 51.066 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 531219

Ion Ratio Lower Upper

105 100

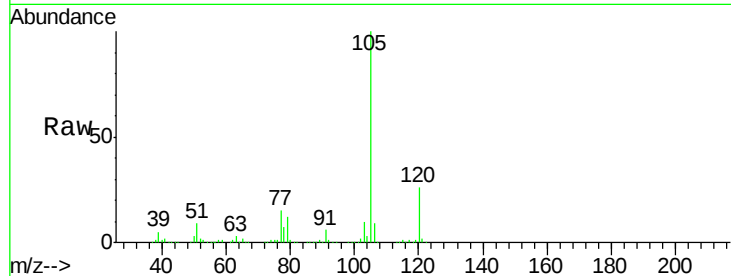
120 26.2 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

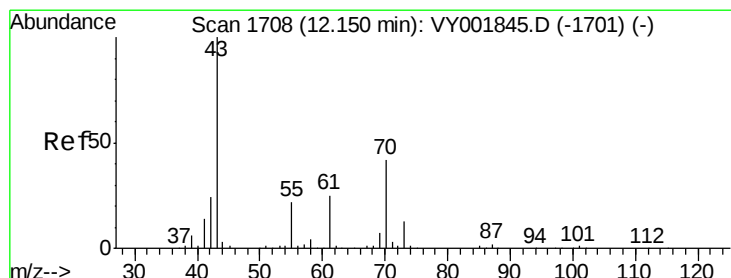
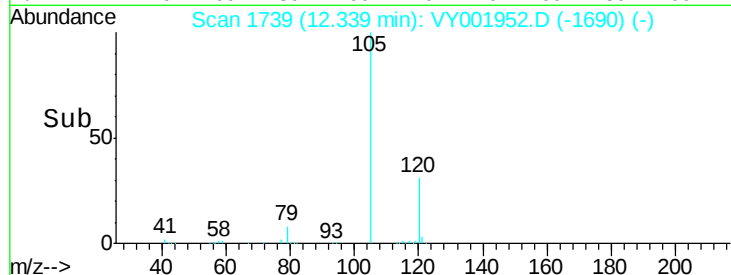
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.676 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion: 43 Resp: 155626

Ion Ratio Lower Upper

43 100

70 45.3 34.7 52.1

55 22.8 18.2 27.4

61 26.1 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

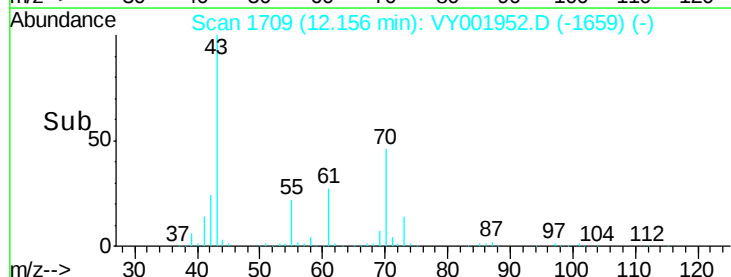
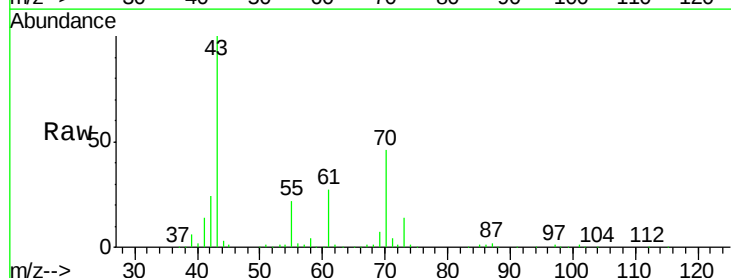
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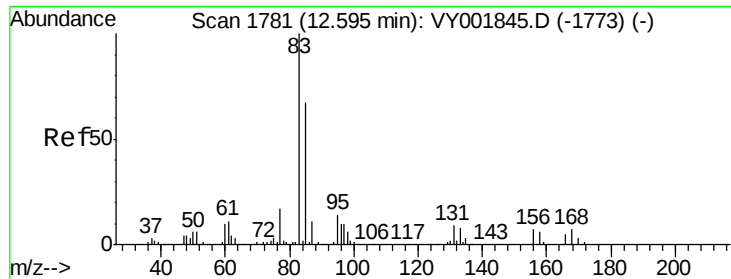
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.489 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

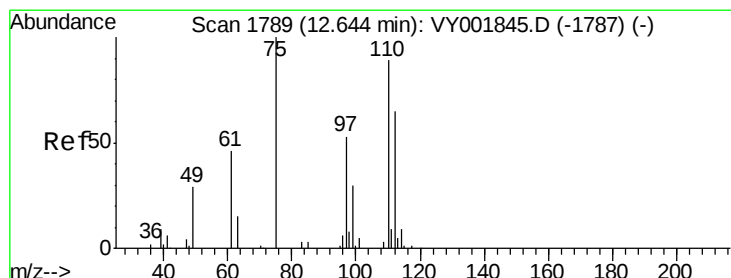
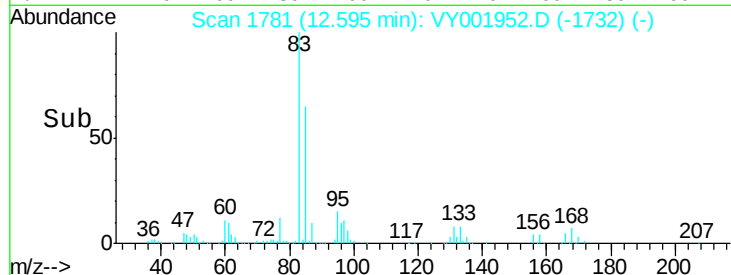
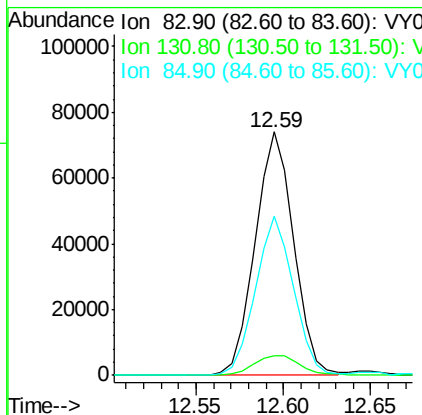
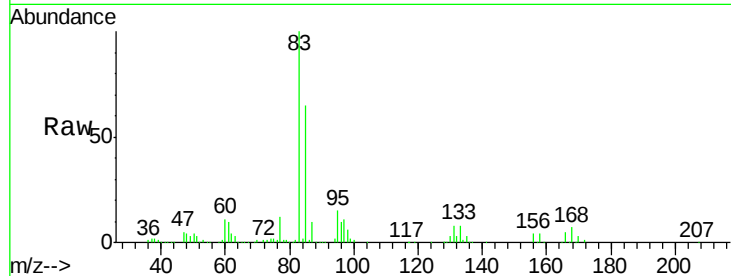
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	113262
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.6	13.8
85	64.1	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 50.568 ug/l m

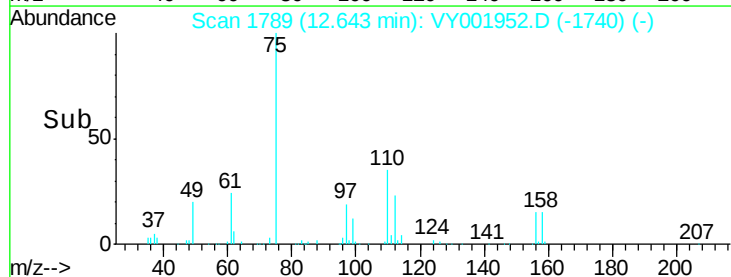
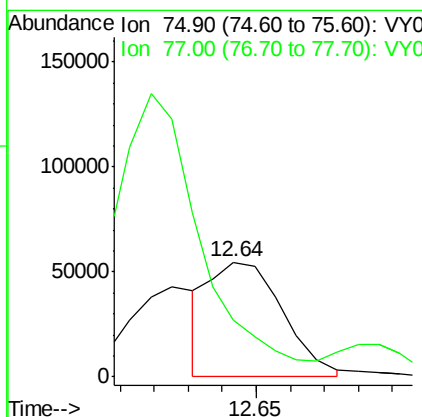
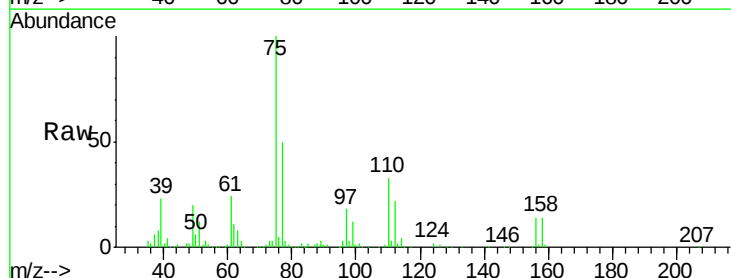
RT: 12.64 min Scan# 1789

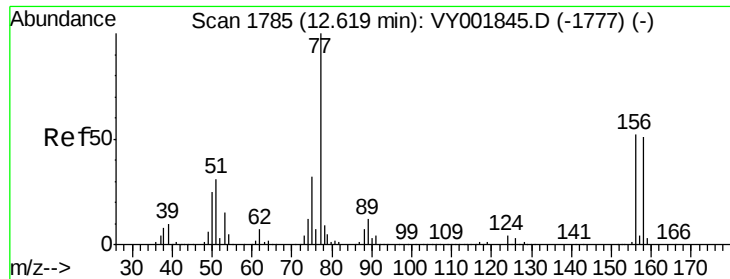
Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Tgt Ion:	75	Resp:	81766
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.137 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 114909

Ion Ratio Lower Upper

156 100

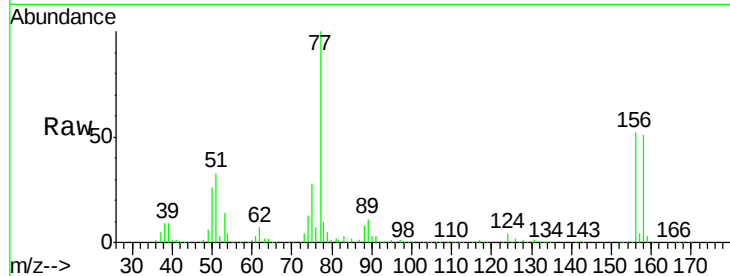
77 212.3 109.0 327.0

158 96.9 48.9 146.8

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MMDadoda

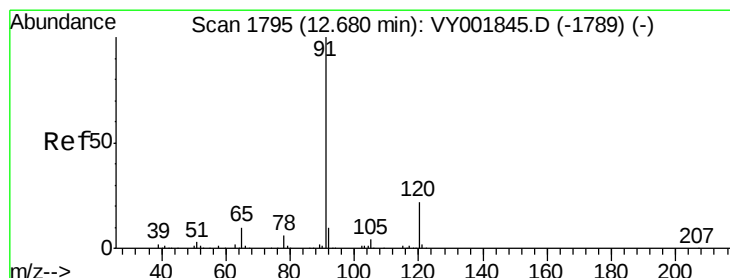
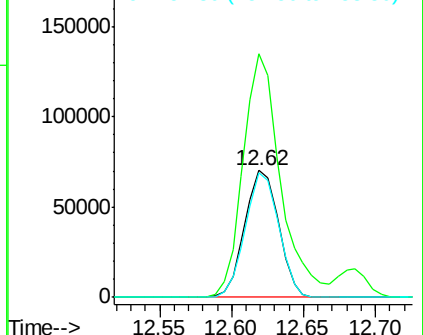
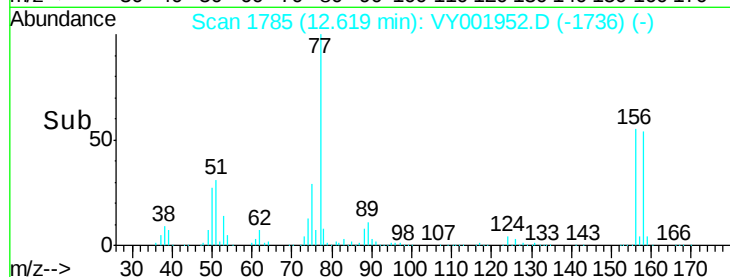
3/16/2020 11:42:30 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.240 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001952.D

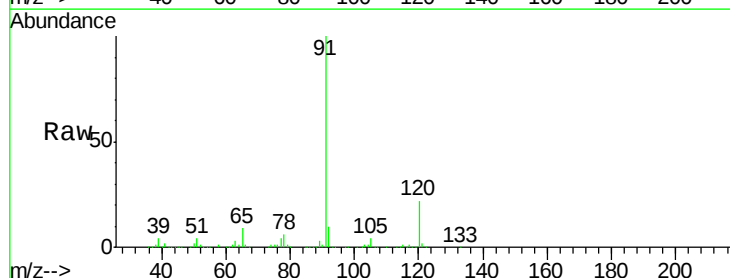
Acq: 12 Mar 2020 10:11

Tgt Ion: 91 Resp: 644775

Ion Ratio Lower Upper

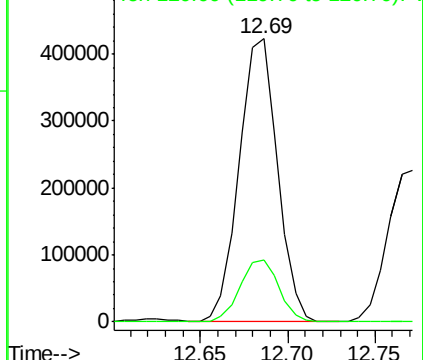
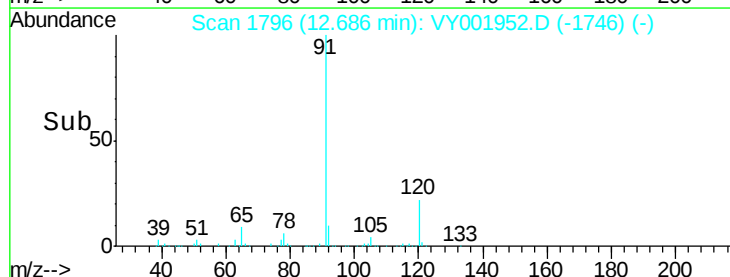
91 100

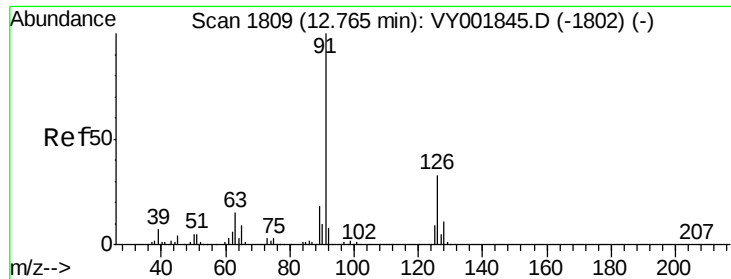
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





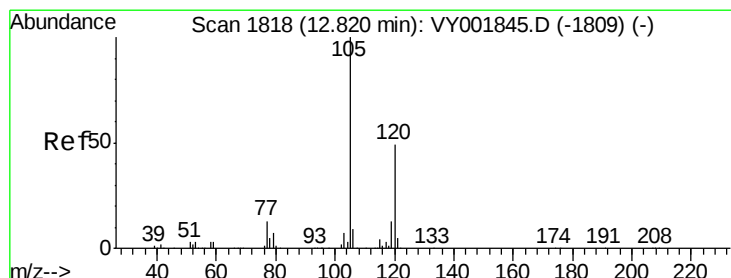
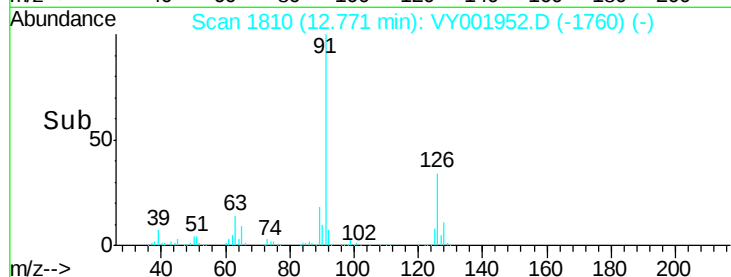
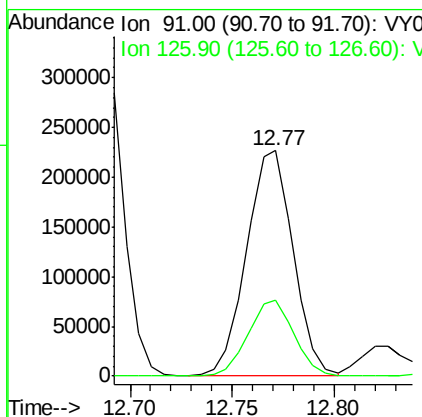
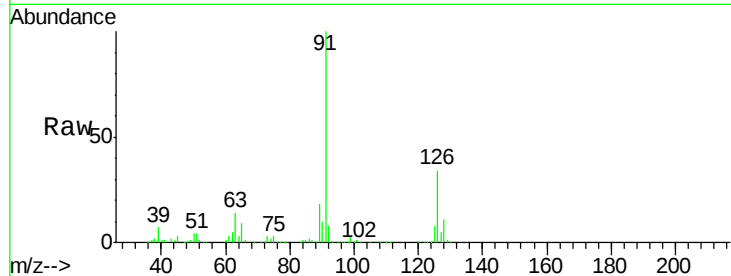
#79
2-Chlorotoluene
Concen: 50.893 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.8

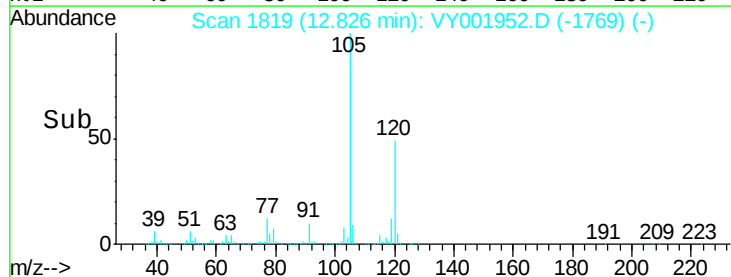
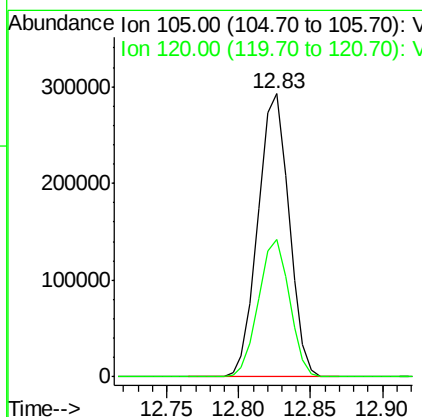
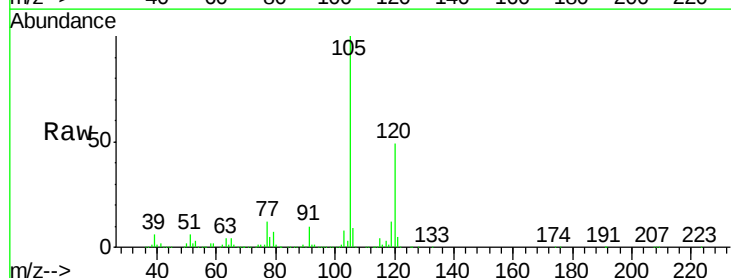
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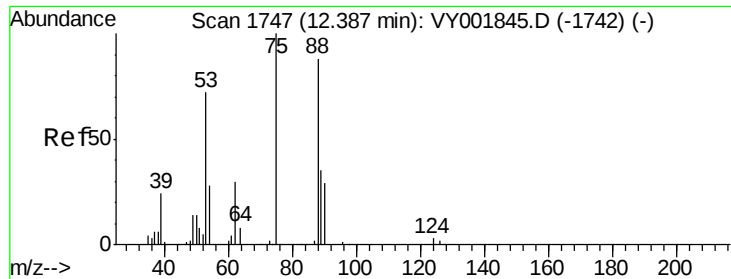
MMDadoda
3/16/2020 11:42:30 AM



#80
1,3,5-Trimethylbenzene
Concen: 50.971 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.4	73.2





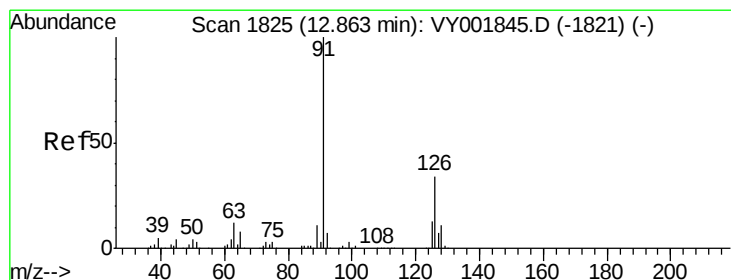
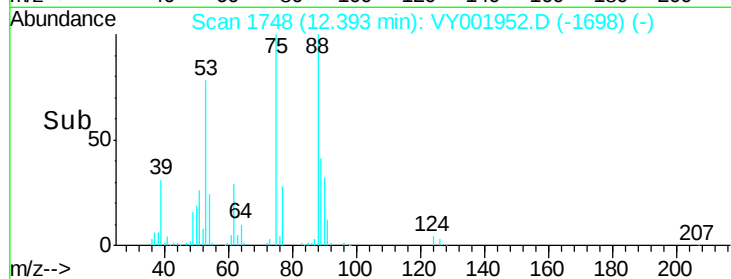
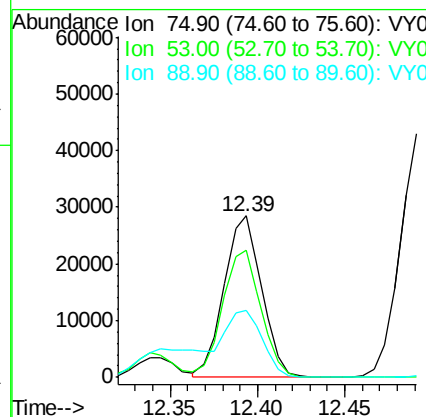
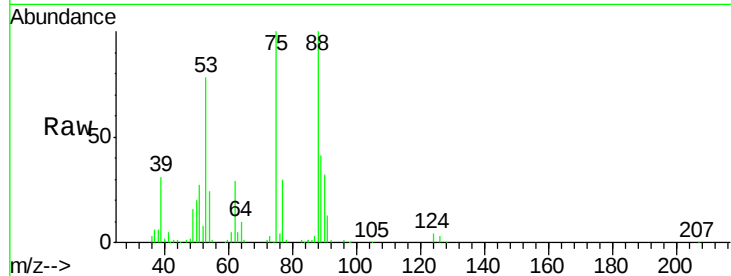
#81
trans-1,4-Dichloro-2-butene
Concen: 52.862 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.7	65.4	98.0
89	44.6	36.0	54.0

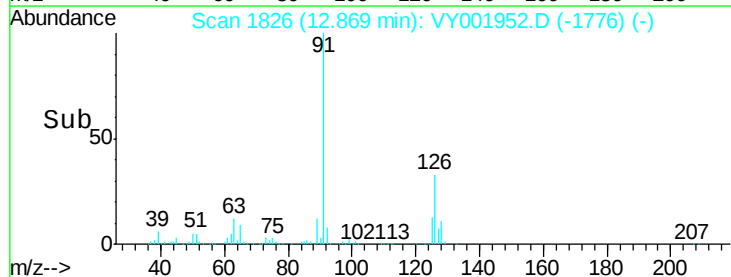
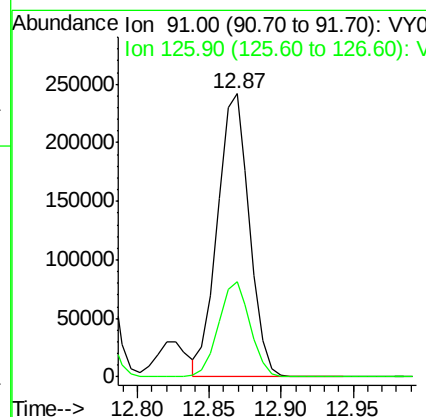
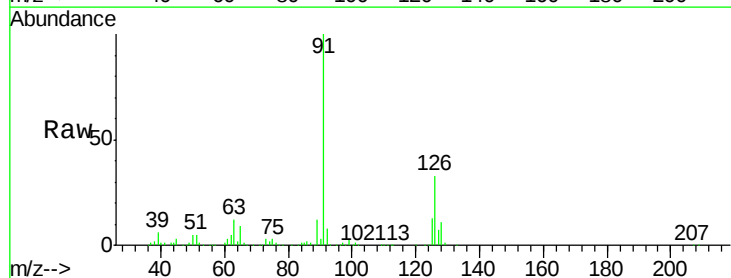
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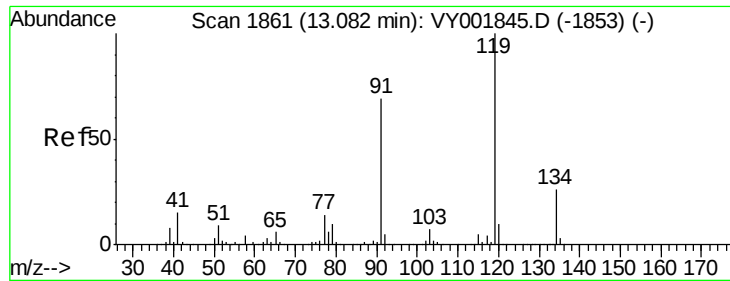
MMDadoda
3/16/2020 11:42:30 AM



#82
4-Chlorotoluene
Concen: 50.799 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.2





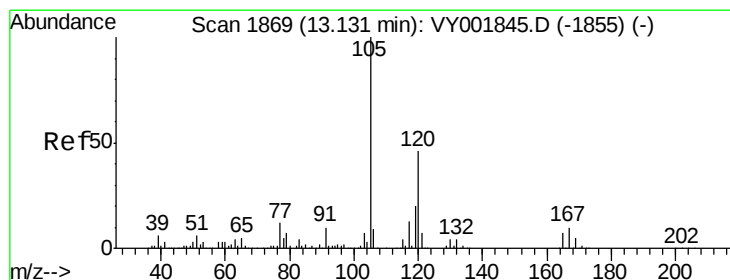
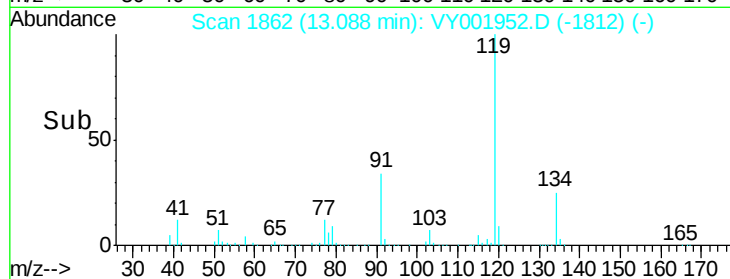
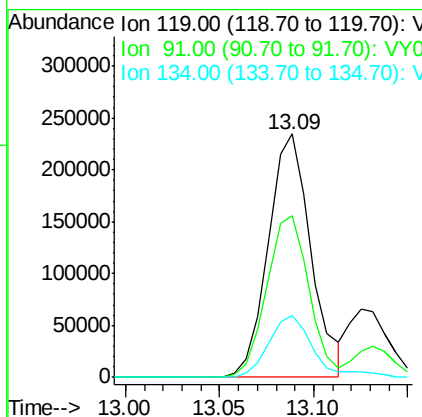
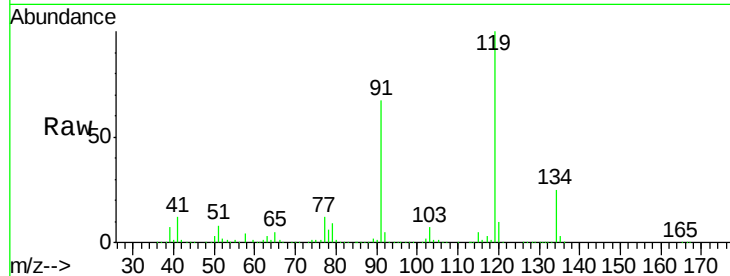
#83
tert-Butylbenzene
Concen: 51.844 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	368769		
91	65.9	34.0	101.8	
134	26.3	13.5	40.4	

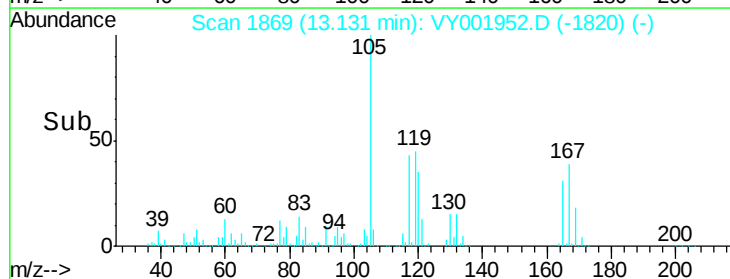
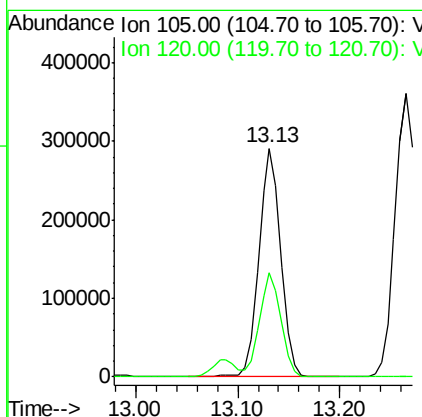
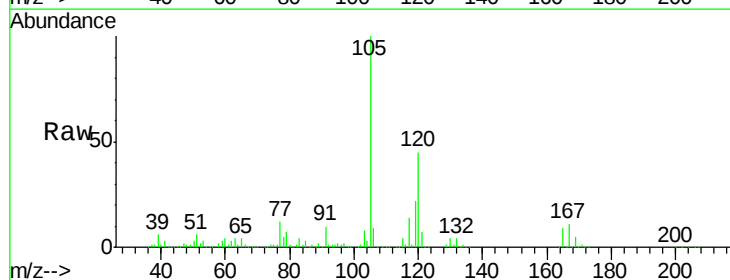
Manual Integrations
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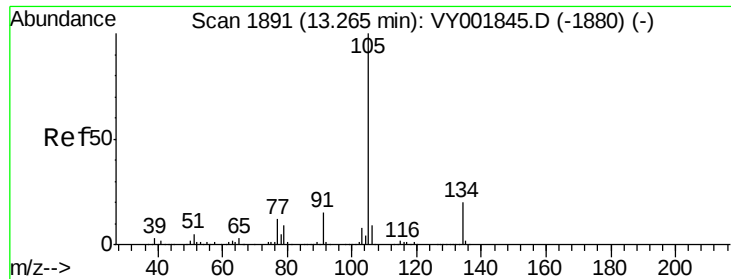
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3/16/2020 11:42:30 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.011 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	433537		
120	44.4	22.6	67.7	





#85

sec-Butylbenzene

Concen: 50.526 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 529740

Ion Ratio Lower Upper

105 100

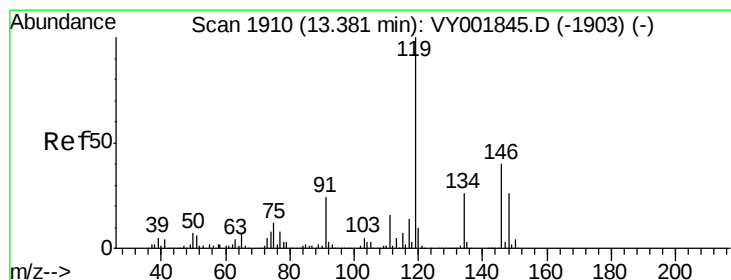
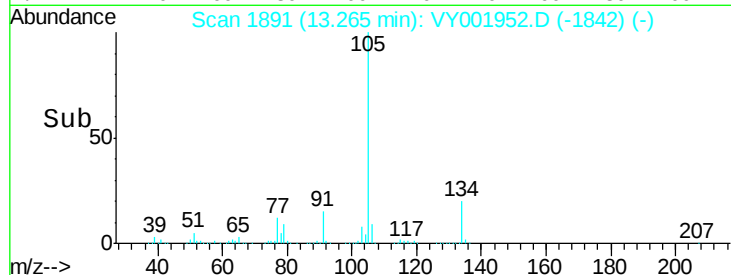
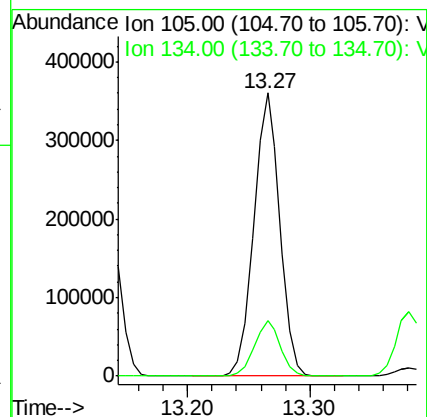
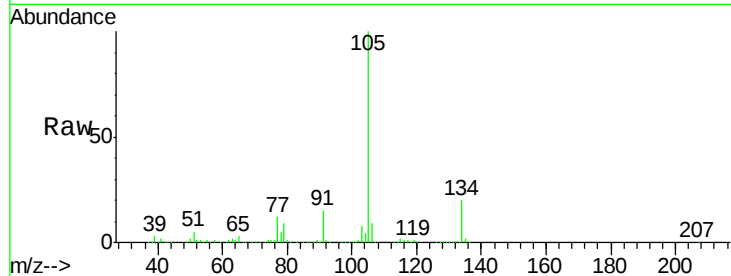
134 19.7 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.622 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY001952.D

Acq: 12 Mar 2020 10:11

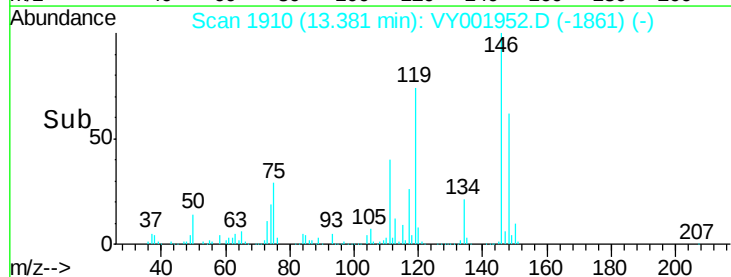
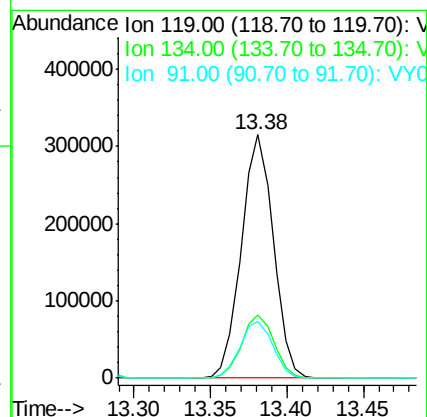
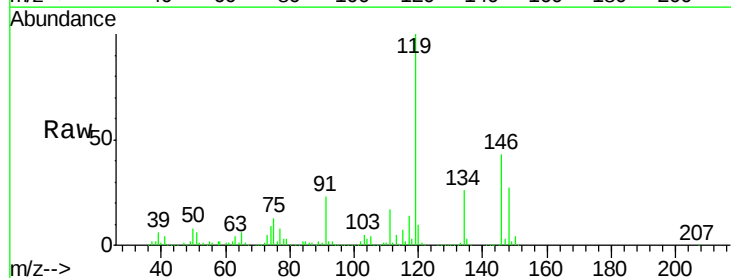
Tgt Ion:119 Resp: 457837

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.8 11.9 35.7





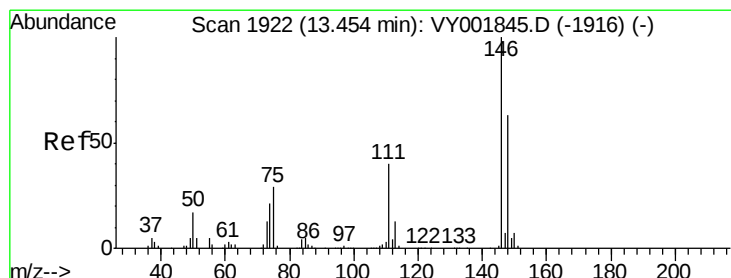
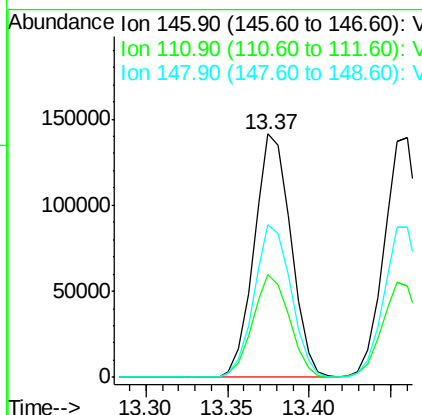
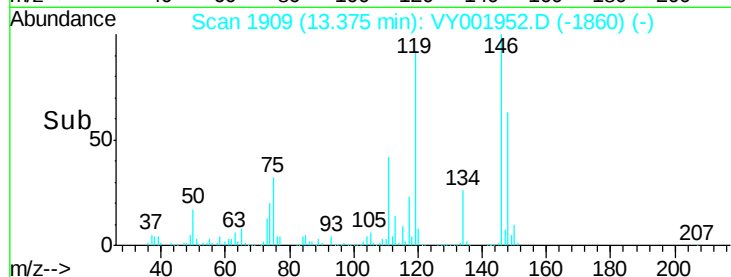
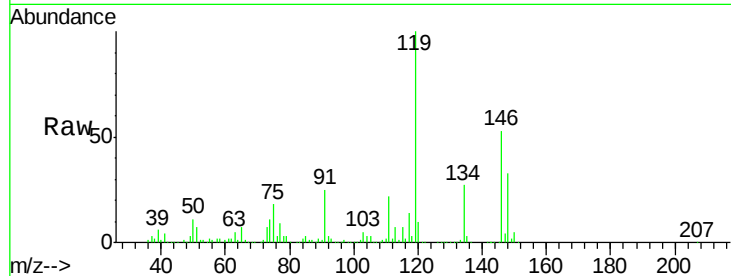
#87
 1,3-Dichlorobenzene
 Concen: 51.101 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	220703		
111	42.1	20.8	62.5	
148	62.9	31.4	94.0	

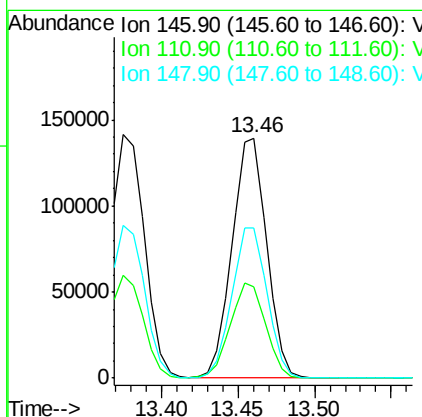
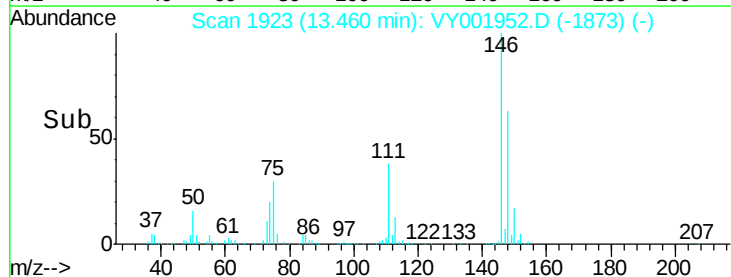
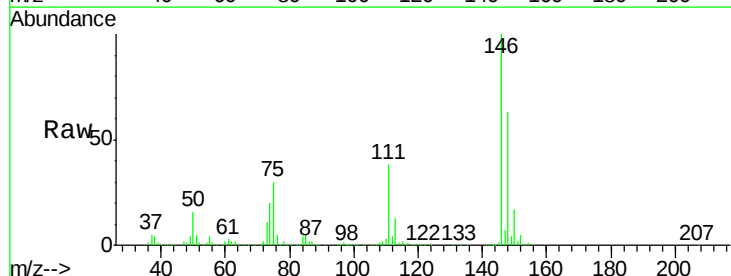
Manual Integrations
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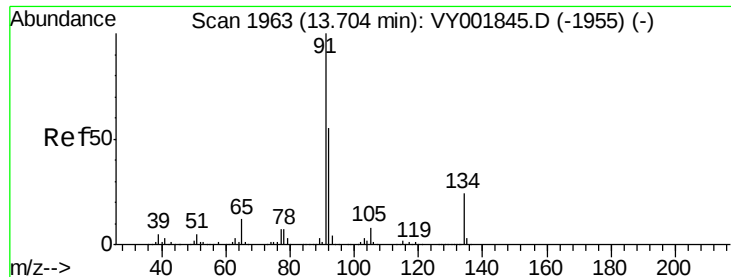
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#88
 1,4-Dichlorobenzene
 Concen: 49.896 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218621		
111	40.4	20.0	60.0	
148	63.6	31.5	94.5	





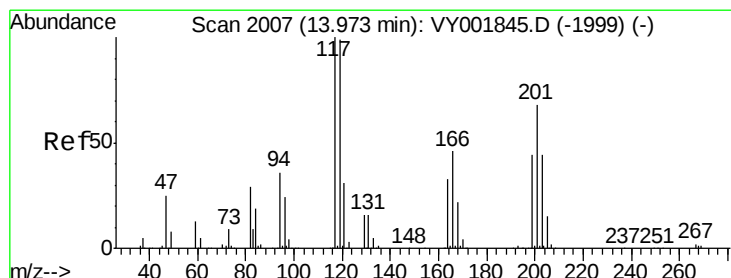
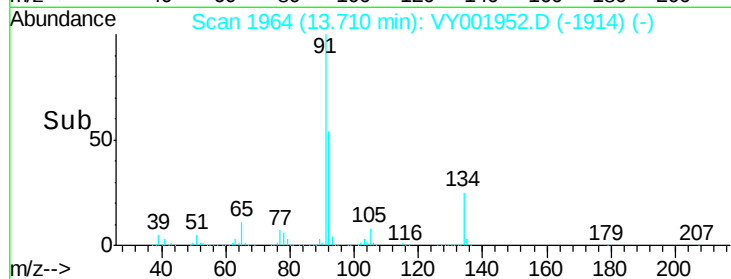
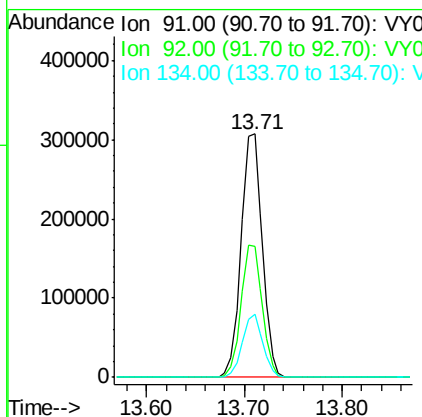
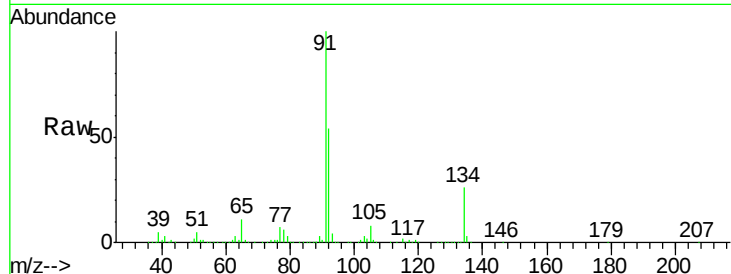
#89
n-Butylbenzene
Concen: 49.154 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	24.9	12.5	37.5

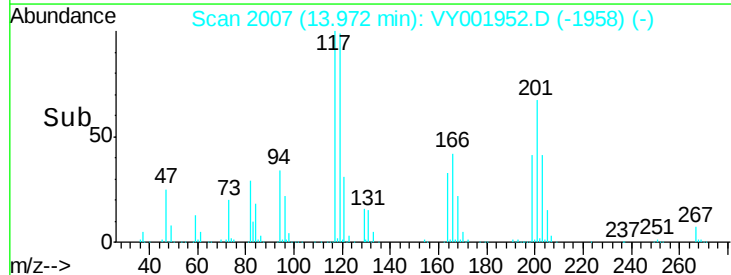
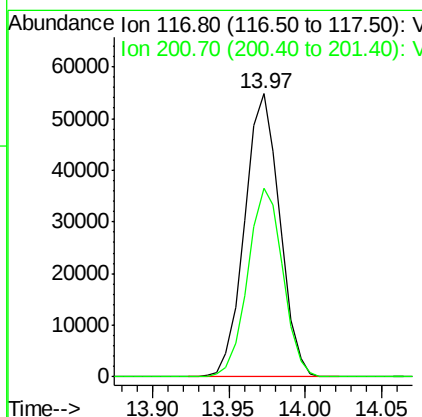
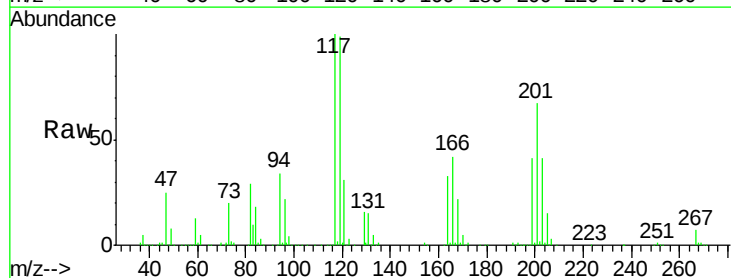
Manual Integrations
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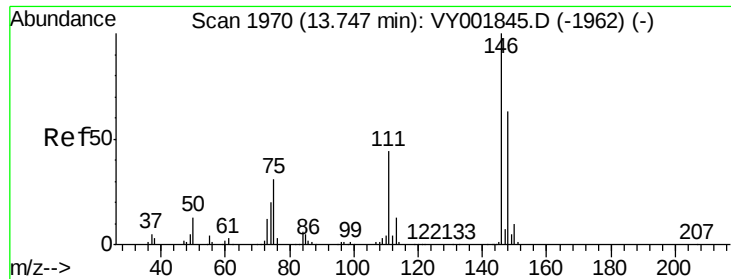
MMDadoda
3/16/2020 11:42:30 AM



#90
Hexachloroethane
Concen: 51.319 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.7	32.5	97.5





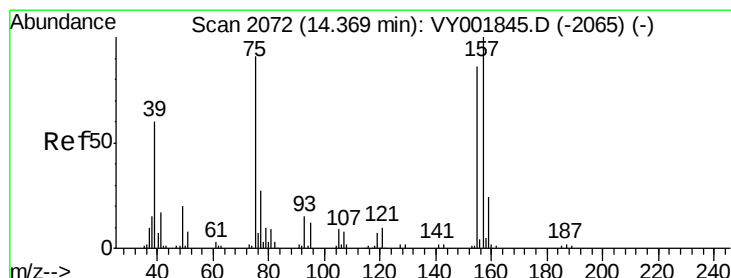
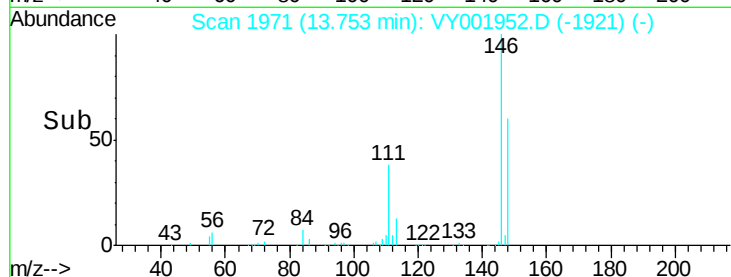
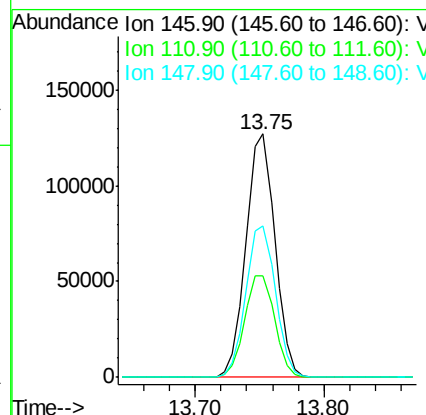
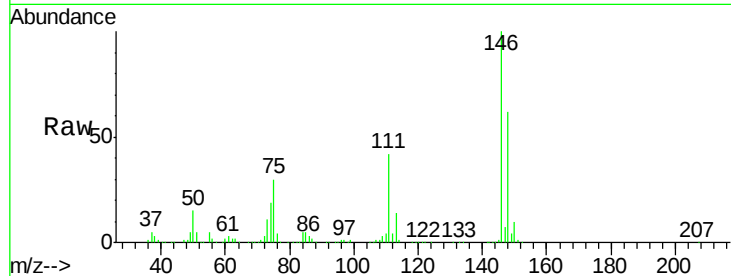
#91
 1,2-Dichlorobenzene
 Concen: 50.412 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.5	64.5
148	63.5	32.0	96.0

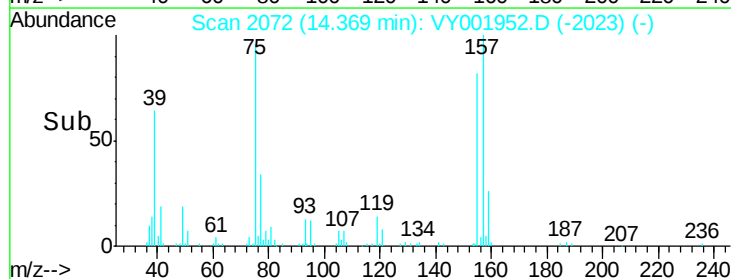
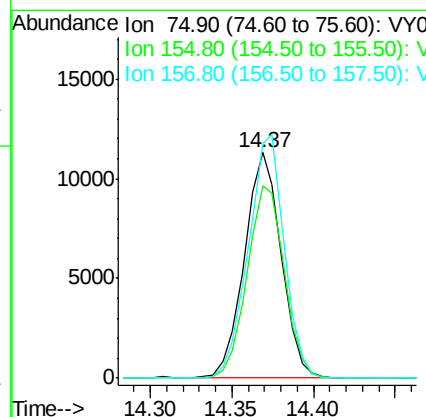
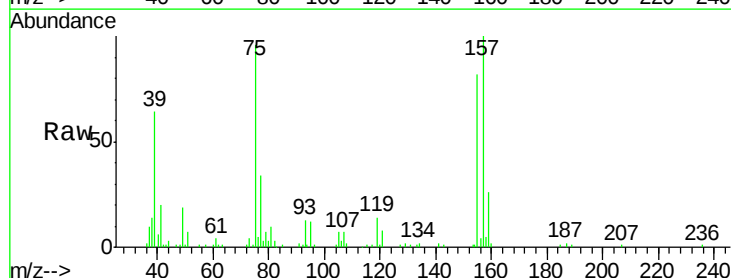
Manual Integrations
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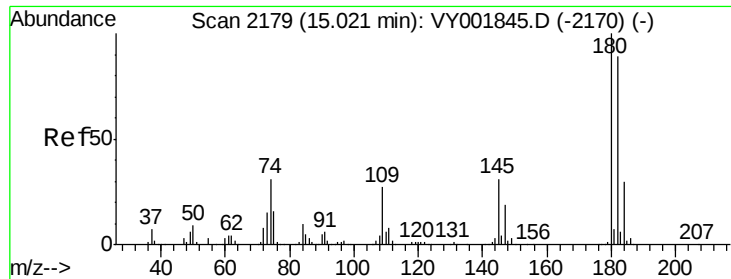
MMDadoda
 3/16/2020 11:42:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.672 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	42.9	128.7
157	105.6	53.1	159.4





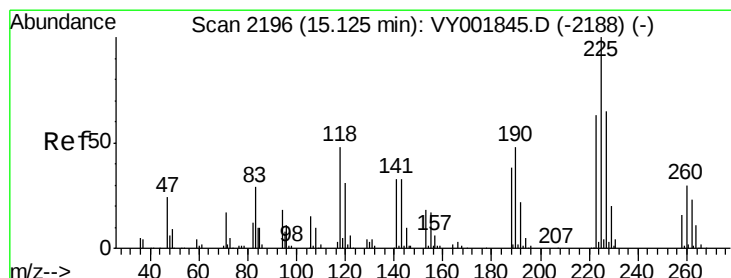
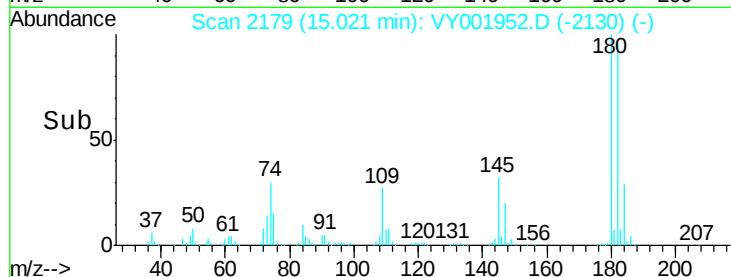
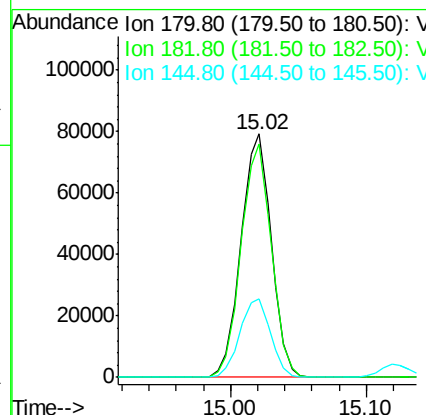
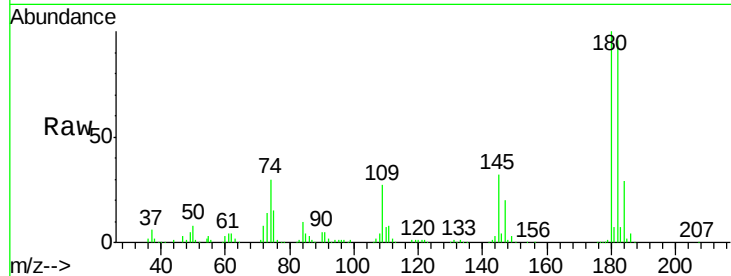
#93
 1,2,4-Trichlorobenzene
 Concen: 48.361 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123058		
182	95.5	46.1	138.3	
145	32.7	15.6	46.8	

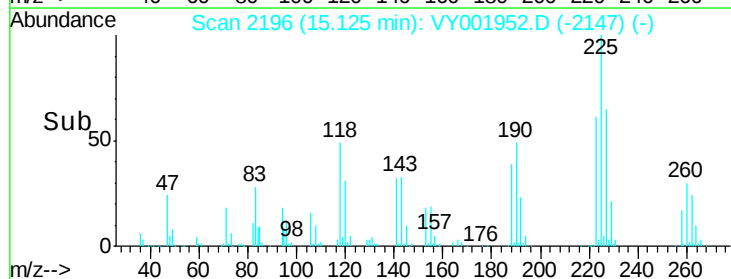
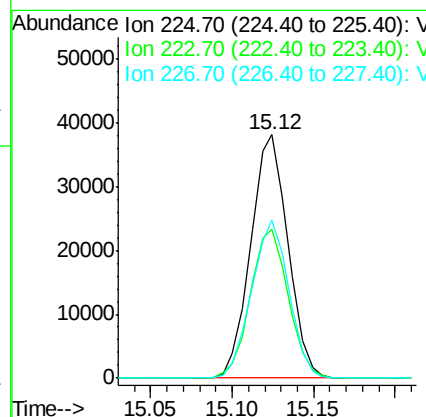
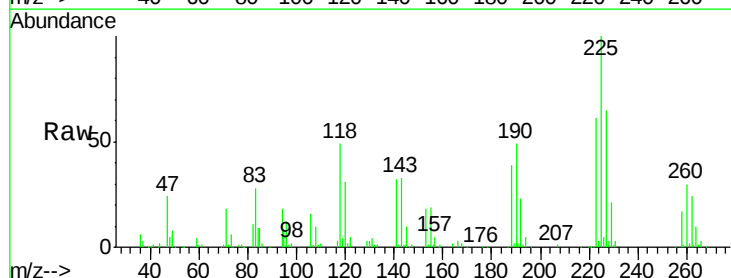
Manual Integrations
 APPROVED

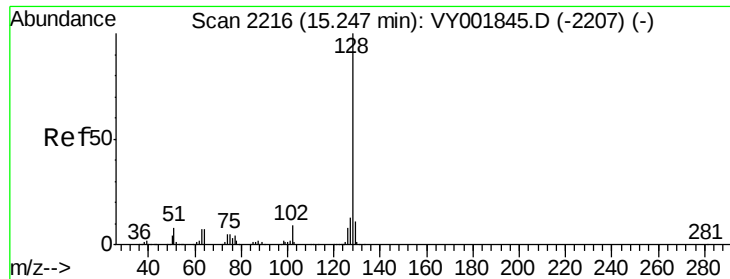
MMDadoda
 3/16/2020 11:42:30 AM



#94
 Hexachlorobutadiene
 Concen: 48.755 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VY001952.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60484		
223	62.6	31.5	94.5	
227	64.9	31.9	95.5	





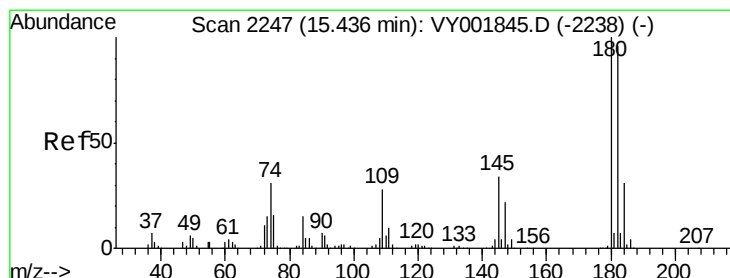
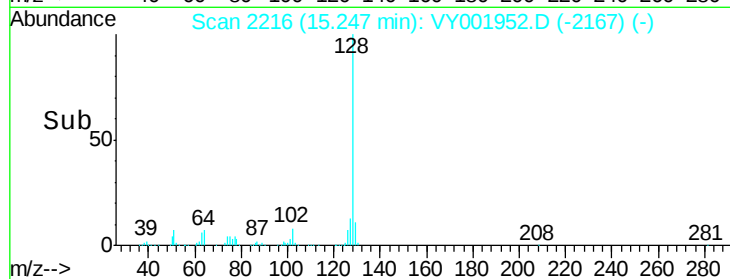
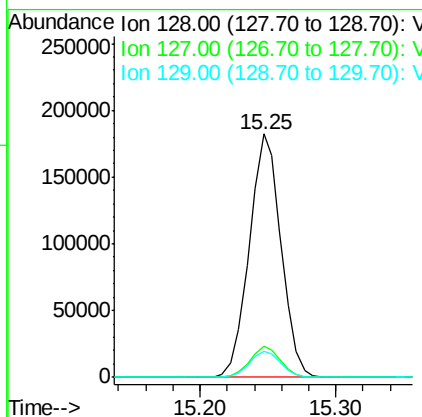
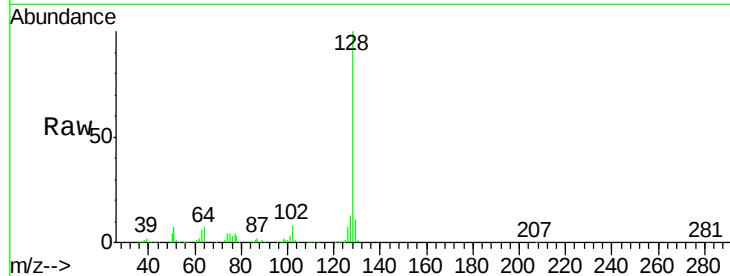
#95
Naphthalene
Concen: 49.342 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:42:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.287 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY001952.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.9
145	34.5	16.8	50.3

