

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012065.D
 Acq On : 04 Jan 2023 12:49
 Operator : KP/MD
 Sample : VY0104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0104SBS01

Quant Time: Jan 05 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	187187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96713	51.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.560%	
35) Dibromofluoromethane	7.716	113	86200	50.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.179	98	333604	48.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.477	95	119327	51.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35659	25.173	ug/l	98
3) Chloromethane	2.113	50	34198	20.527	ug/l	99
4) Vinyl Chloride	2.247	62	38839	21.140	ug/l	97
5) Bromomethane	2.637	94	29836	22.826	ug/l	97
6) Chloroethane	2.790	64	25493	21.228	ug/l	95
7) Trichlorofluoromethane	3.119	101	71530	22.241	ug/l	96
8) Diethyl Ether	3.528	74	22760	22.935	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	36838	20.807	ug/l	96
10) Methyl Iodide	4.088	142	50062	20.437	ug/l	96
11) Tert butyl alcohol	4.954	59	20332	86.852	ug/l	97
12) 1,1-Dichloroethene	3.869	96	37365	21.098	ug/l	95
13) Acrolein	3.723	56	18473	104.788	ug/l	98
14) Allyl chloride	4.479	41	50007	19.174	ug/l	92
15) Acrylonitrile	5.155	53	53804	116.555	ug/l	100
16) Acetone	3.942	43	49265	90.667	ug/l	99
17) Carbon Disulfide	4.186	76	115857	20.508	ug/l	99
18) Methyl Acetate	4.472	43	28480	21.855	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	106829	23.510	ug/l	97
20) Methylene Chloride	4.710	84	54110	21.502	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	42592	21.166	ug/l	92
22) Diisopropyl ether	6.119	45	105937	20.624	ug/l	97
23) Vinyl Acetate	6.058	43	323046	109.313	ug/l	95
24) 1,1-Dichloroethane	6.015	63	67911	20.340	ug/l	97
25) 2-Butanone	6.978	43	66496	105.852	ug/l	94
26) 2,2-Dichloropropane	6.978	77	66652	20.401	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	47179	21.677	ug/l	94
28) Bromochloromethane	7.332	49	17044	18.603	ug/l #	81
29) Tetrahydrofuran	7.338	42	40782	114.581	ug/l	91
30) Chloroform	7.502	83	77154	21.439	ug/l	100
31) Cyclohexane	7.783	56	61059	19.233	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	73799	21.560	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57034	20.843	ug/l	100
37) Ethyl Acetate	7.070	43	30106	24.522	ug/l #	95
38) Carbon Tetrachloride	7.899	117	70345	22.259	ug/l	96
39) Methylcyclohexane	9.179	83	68757	20.882	ug/l	97
40) Benzene	8.155	78	164011	20.944	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	39525	66.577	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	52193	23.152	ug/l	100
43) Isopropyl Acetate	8.264	43	50740	22.629	ug/l	95
44) Trichloroethene	8.935	130	47821	21.665	ug/l	98
45) 1,2-Dichloropropane	9.216	63	37565	20.761	ug/l	99
46) Dibromomethane	9.301	93	23916	22.947	ug/l	98
47) Bromodichloromethane	9.496	83	58557	22.146	ug/l	97
48) Methyl methacrylate	9.289	41	23486	22.623	ug/l	95
49) 1,4-Dioxane	9.289	88	6861	551.371	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	140514	117.527	ug/l	97
52) Toluene	10.240	92	109570	21.961	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	60572	22.671	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	65620	21.850	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	34345	23.222	ug/l	96
56) Ethyl methacrylate	10.508	69	44659	23.849	ug/l	97
57) 1,3-Dichloropropane	10.788	76	55700	22.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	83342	115.340	ug/l	92
59) 2-Hexanone	10.831	43	101450	115.340	ug/l	98
60) Dibromochloromethane	10.984	129	43910	23.568	ug/l	97
61) 1,2-Dibromoethane	11.087	107	32351	23.380	ug/l	98
64) Tetrachloroethene	10.715	164	50345	22.047	ug/l	97
65) Chlorobenzene	11.514	112	117539	21.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44669	22.163	ug/l	99
67) Ethyl Benzene	11.587	91	206669	21.106	ug/l	99
68) m/p-Xylenes	11.703	106	166180	43.639	ug/l	97
69) o-Xylene	12.026	106	76461	21.580	ug/l	98
70) Styrene	12.044	104	132985	22.353	ug/l	99
71) Bromoform	12.203	173	29407	24.624	ug/l #	99
73) Isopropylbenzene	12.325	105	207138	19.703	ug/l	99
74) N-amyl acetate	12.142	43	45613	21.163	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	36555	20.843	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	53482	30.338	ug/l #	100
77) Bromobenzene	12.605	156	50902	20.929	ug/l	94
78) n-propylbenzene	12.666	91	248857	19.693	ug/l	99
79) 2-Chlorotoluene	12.751	91	140920	19.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	182818	20.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	14240	22.121	ug/l	97
82) 4-Chlorotoluene	12.849	91	148313	20.180	ug/l	98
83) tert-Butylbenzene	13.075	119	155364	20.367	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	182292	20.587	ug/l	98
85) sec-Butylbenzene	13.251	105	226182	19.857	ug/l	98
86) p-Isopropyltoluene	13.367	119	196728	20.468	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	101352	20.721	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	101051	20.781	ug/l	99
89) n-Butylbenzene	13.696	91	172395	19.814	ug/l	98
90) Hexachloroethane	13.959	117	36307	19.798	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	91803	21.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7261	24.091	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	58092	23.158	ug/l	99
94) Hexachlorobutadiene	15.111	225	34419	21.235	ug/l	99
95) Naphthalene	15.233	128	114844	23.566	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50342	23.737	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

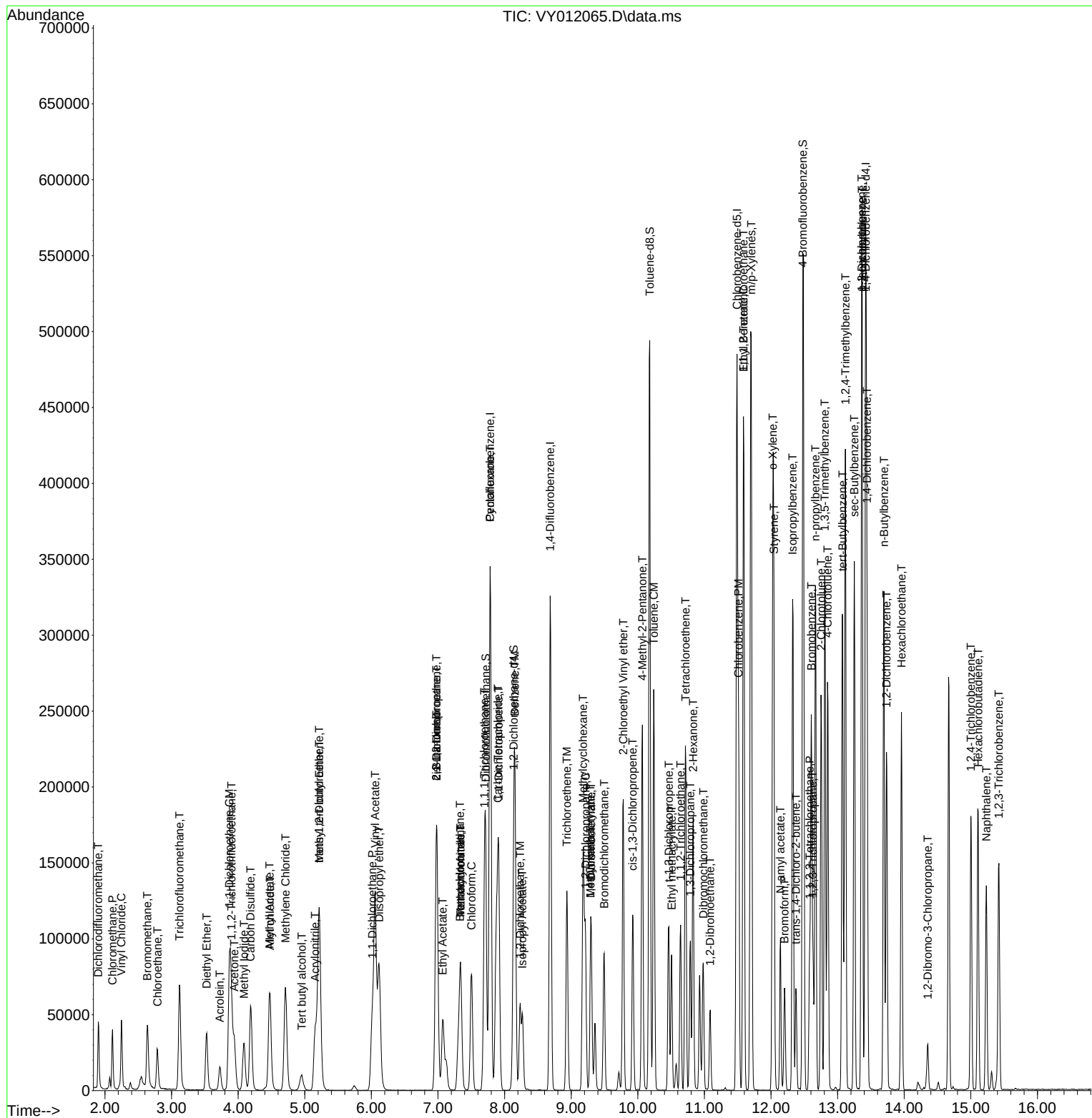
Quant Time: Jan 05 00:40:03 2023
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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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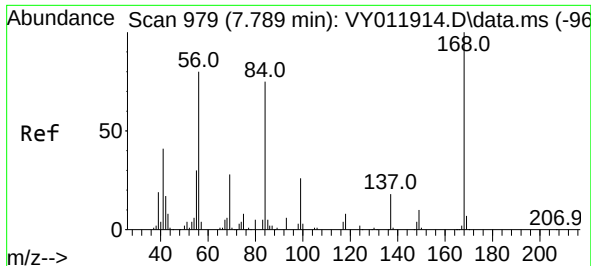
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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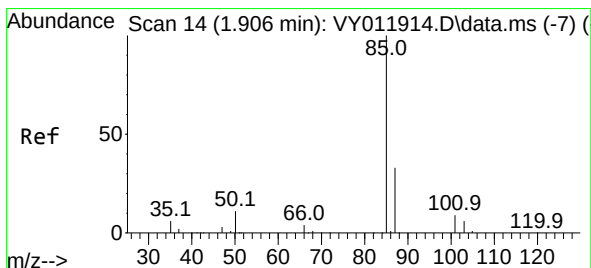
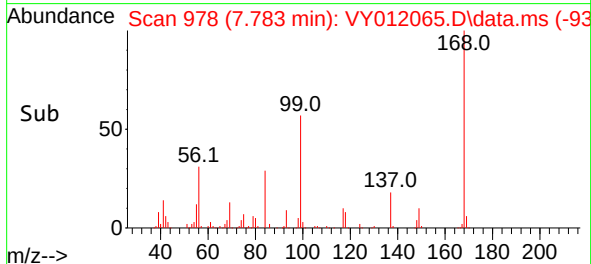
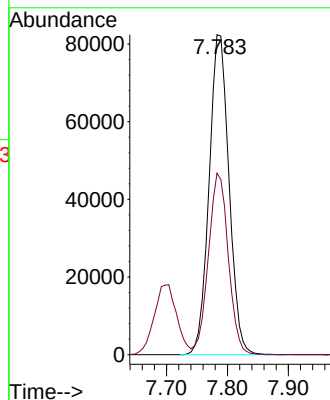
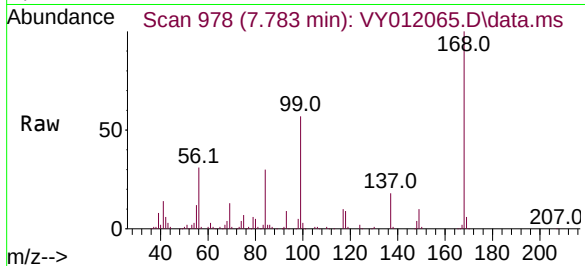




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012065.D
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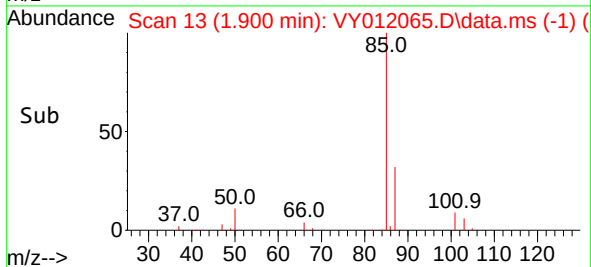
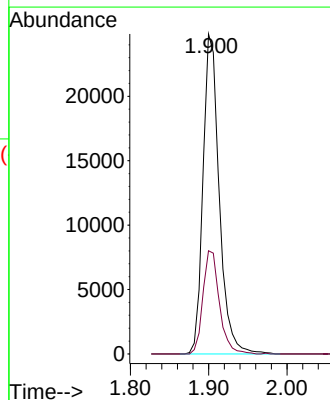
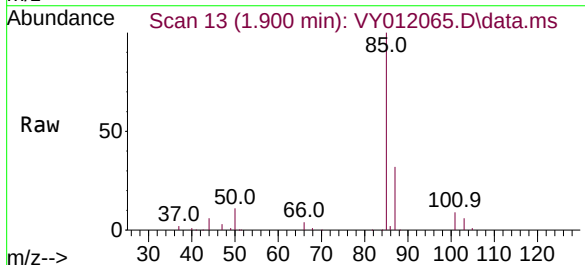
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

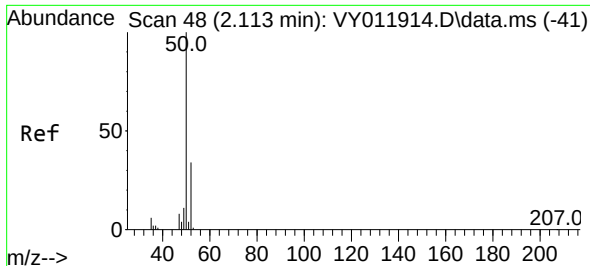
Tgt Ion:168 Resp: 187187
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 25.173 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 85 Resp: 35659
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.4

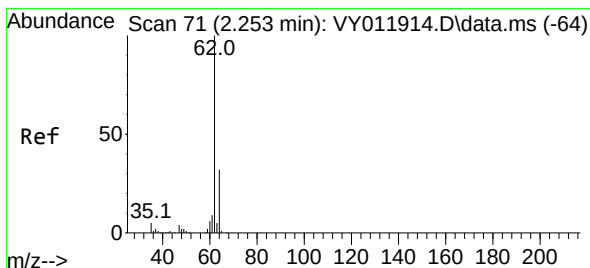
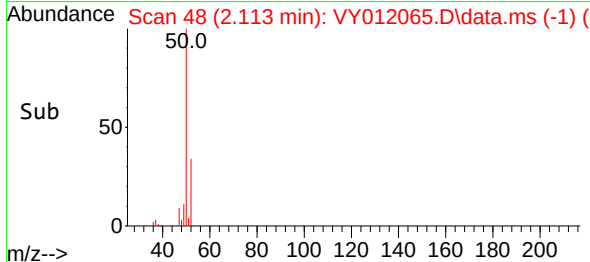
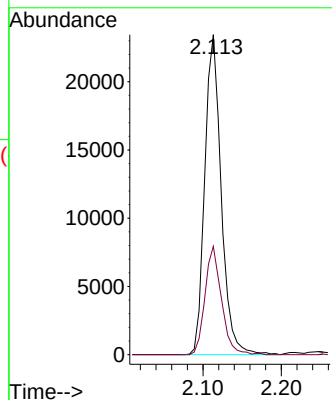
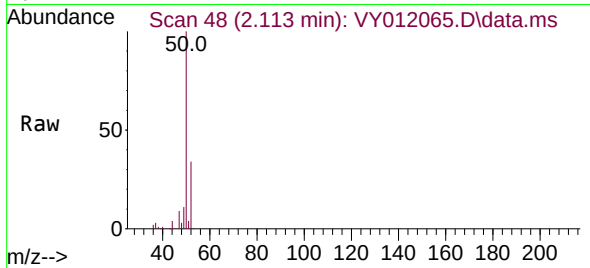




#3
Chloromethane
Concen: 20.527 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

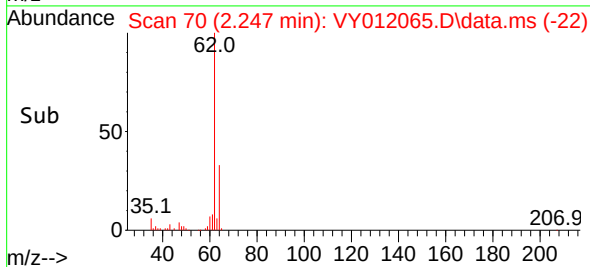
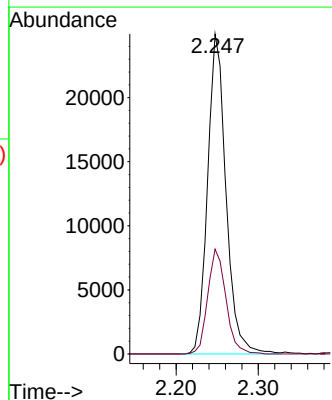
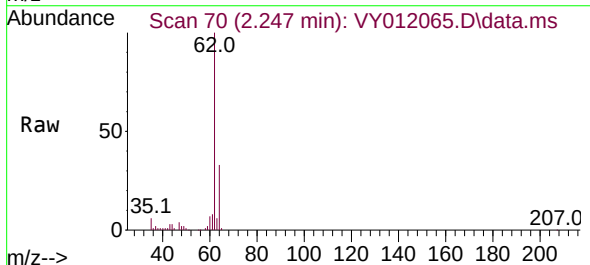
Instrument :
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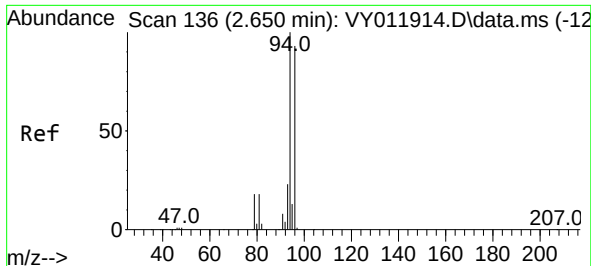
Tgt Ion: 50 Resp: 34198
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2



#4
Vinyl Chloride
Concen: 21.140 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 62 Resp: 38839
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6

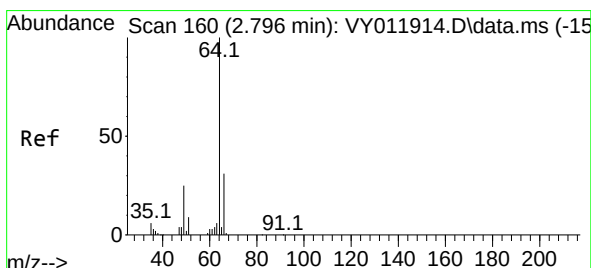
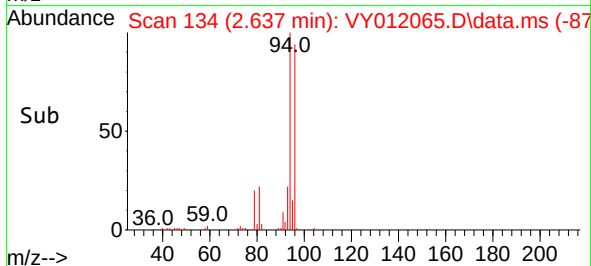
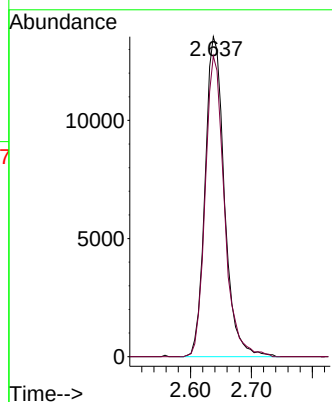
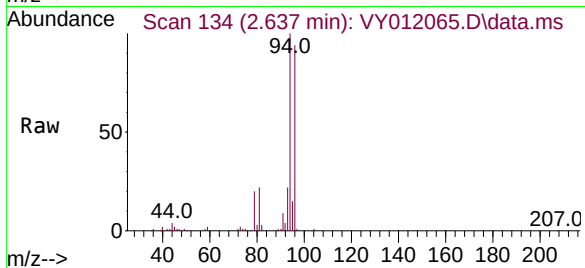




#5
Bromomethane
Concen: 22.826 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

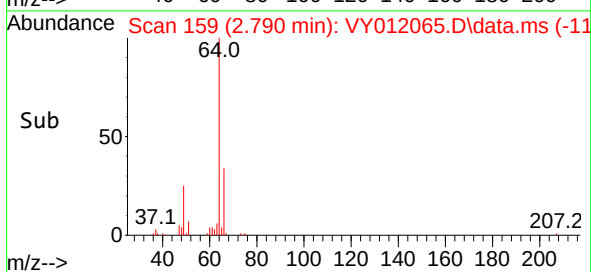
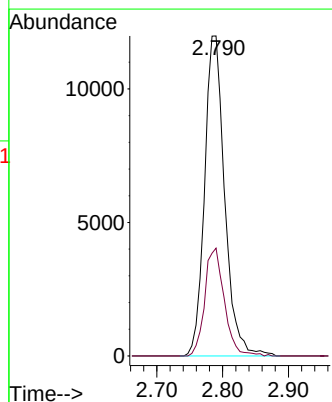
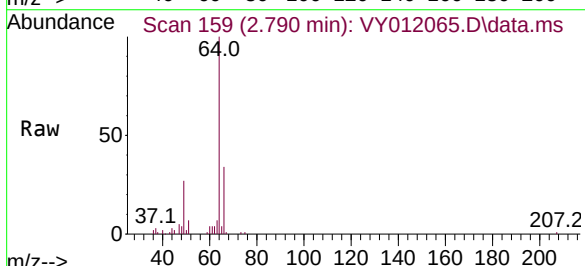
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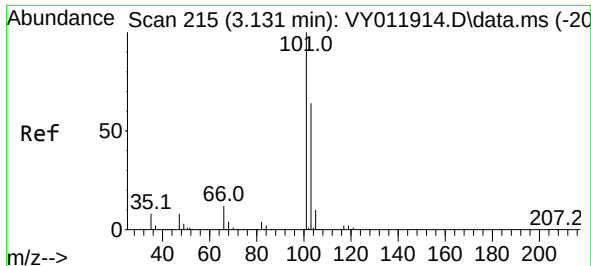
Tgt Ion: 94 Resp: 29836
Ion Ratio Lower Upper
94 100
96 94.0 77.4 116.2



#6
Chloroethane
Concen: 21.228 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 64 Resp: 25493
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.4

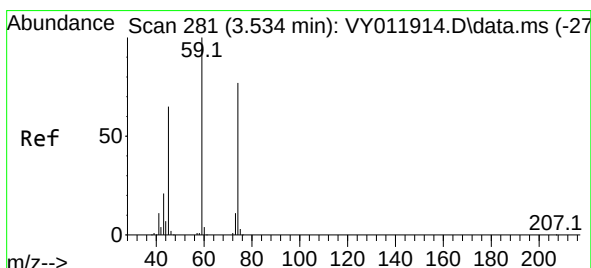
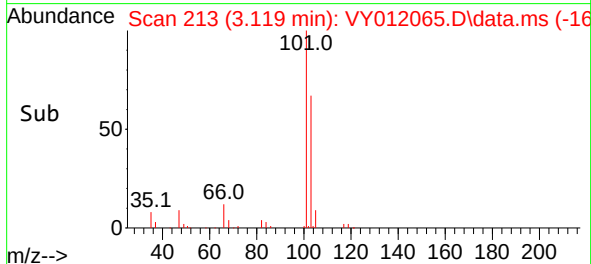
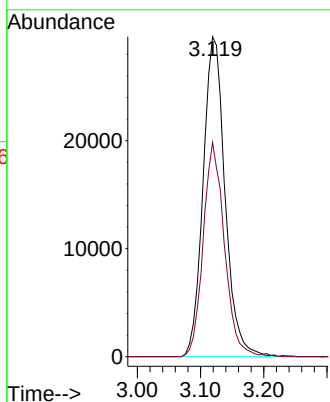
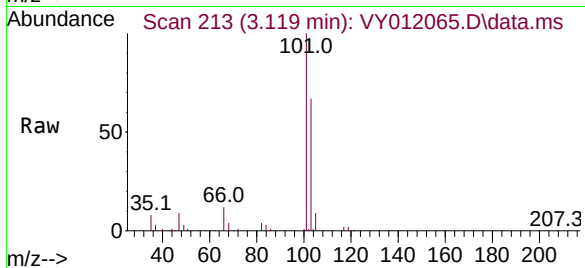




#7
 Trichlorofluoromethane
 Concen: 22.241 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY012065.D
 Acq: 04 Jan 2023 12:49

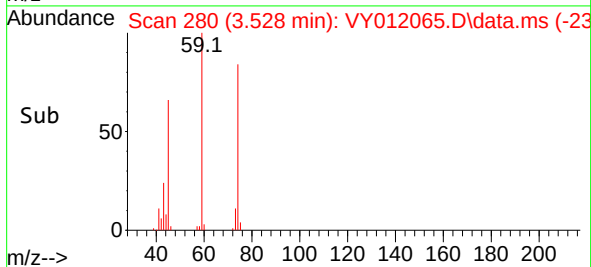
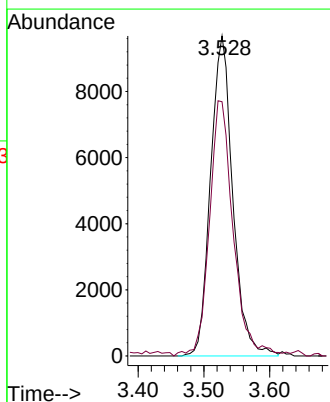
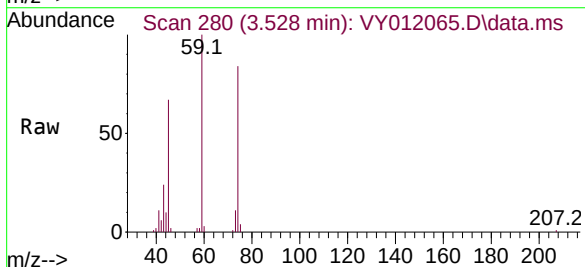
Instrument :
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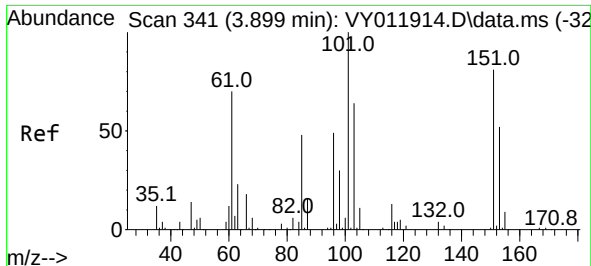
Tgt Ion:101 Resp: 71530
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.0 76.6



#8
 Diethyl Ether
 Concen: 22.935 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012065.D
 Acq: 04 Jan 2023 12:49

Tgt Ion: 74 Resp: 22760
 Ion Ratio Lower Upper
 74 100
 45 85.1 46.8 140.3

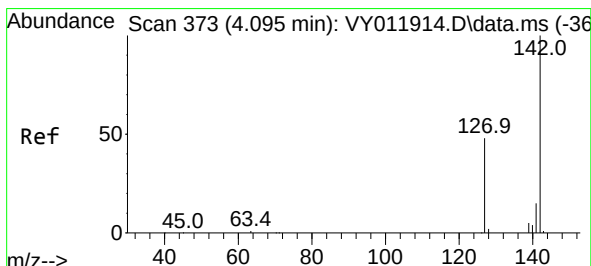
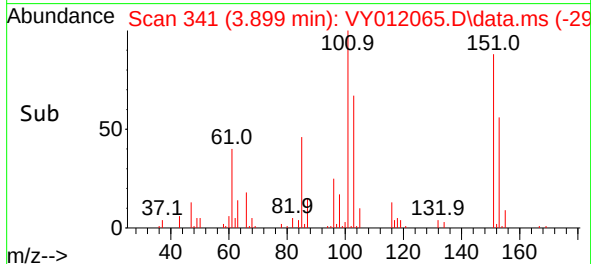
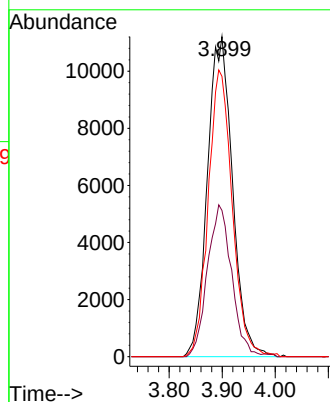
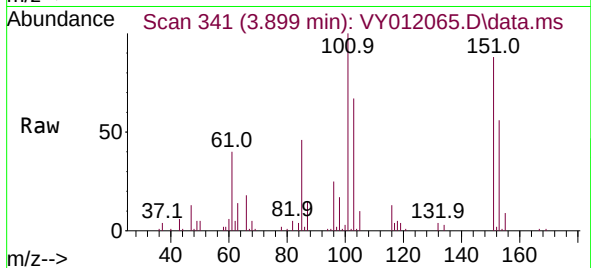




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.807 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

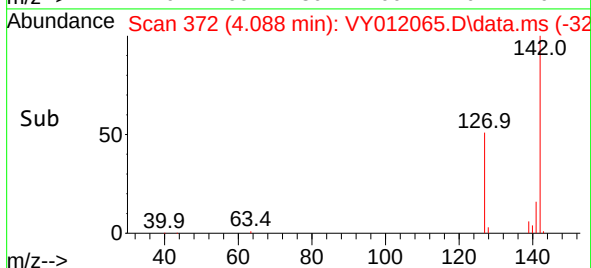
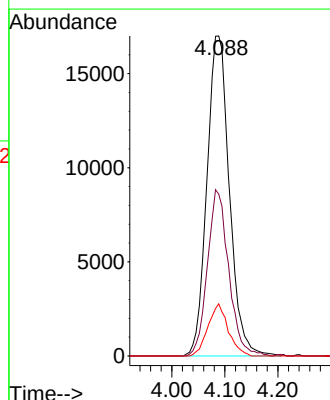
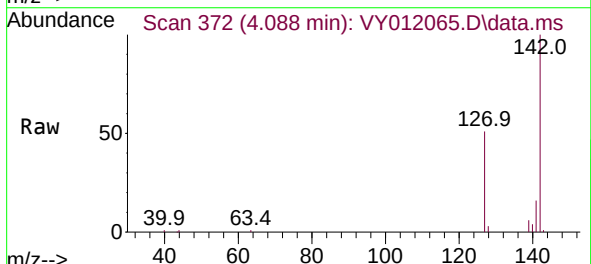
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

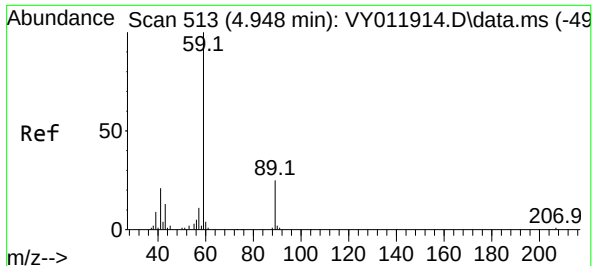
Tgt Ion:101 Resp: 36838
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.2
151 85.8 64.2 96.2



#10
Methyl Iodide
Concen: 20.437 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:142 Resp: 50062
Ion Ratio Lower Upper
142 100
127 49.2 37.0 55.4
141 14.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 86.852 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

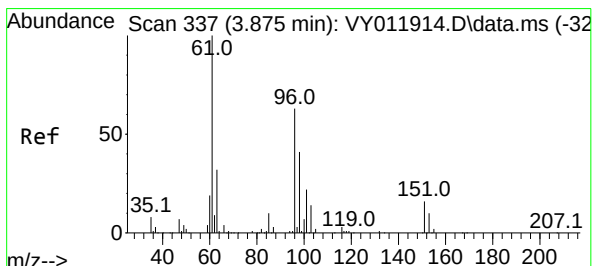
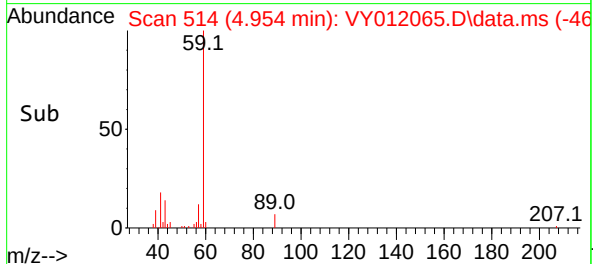
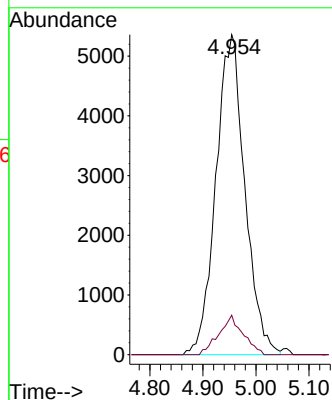
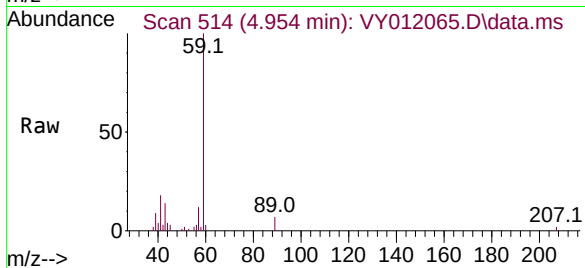
VY0104SBS01

Tgt Ion: 59 Resp: 20332

Ion Ratio Lower Upper

59 100

57 10.3 7.4 11.2



#12

1,1-Dichloroethene

Concen: 21.098 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

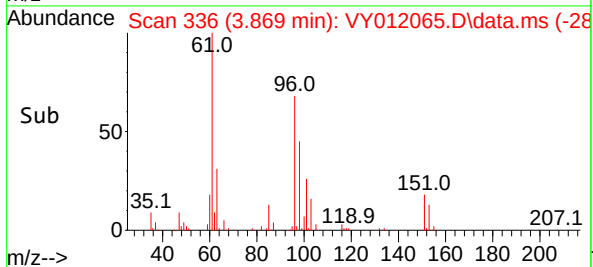
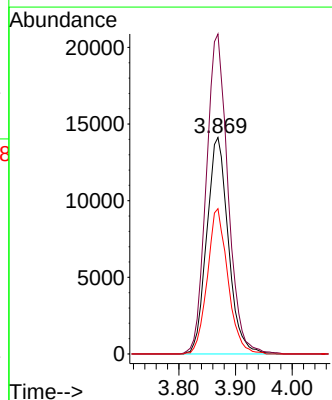
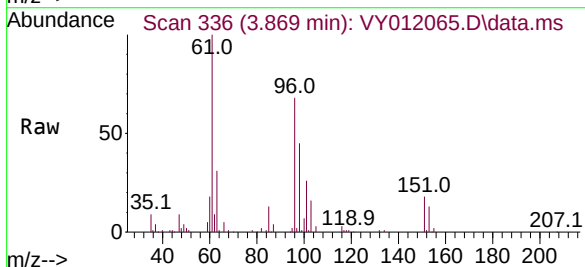
Tgt Ion: 96 Resp: 37365

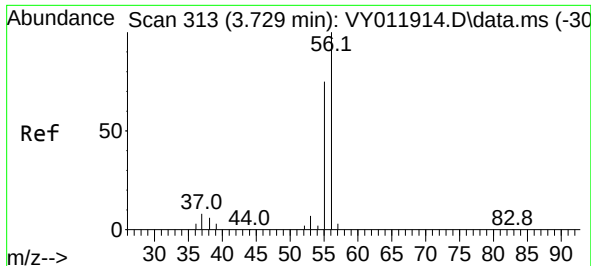
Ion Ratio Lower Upper

96 100

61 147.9 122.0 183.0

98 67.1 48.6 73.0

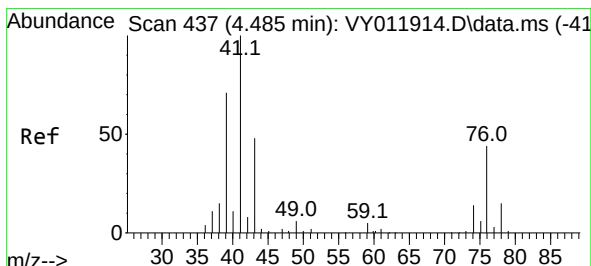
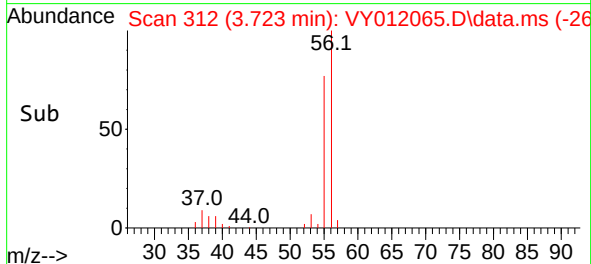
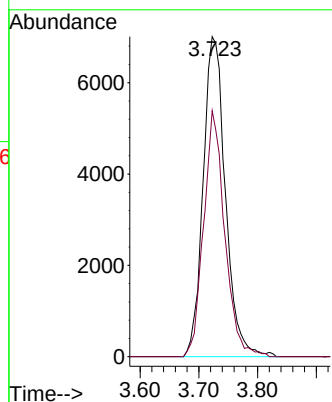
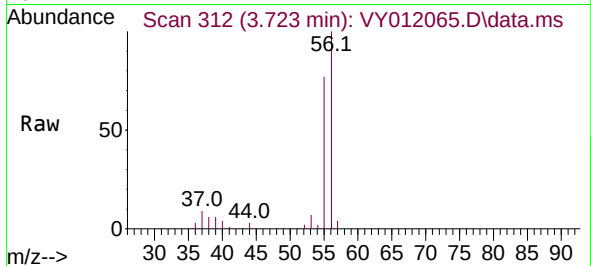




#13
Acrolein
Concen: 104.788 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

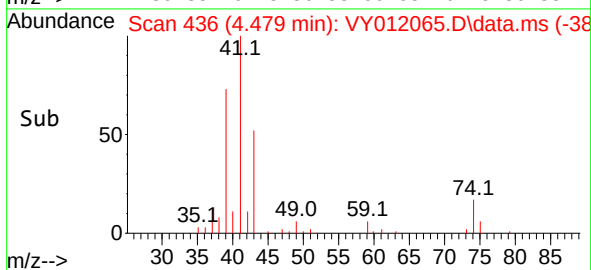
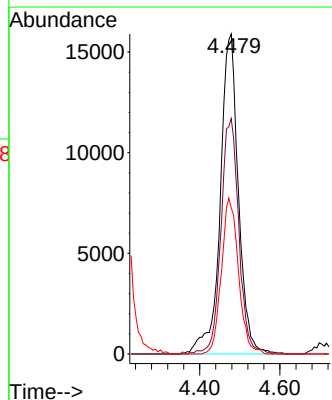
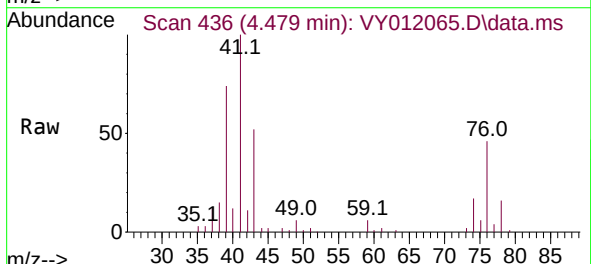
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

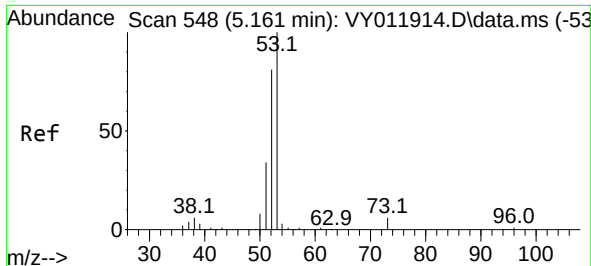
Tgt Ion: 56 Resp: 18473
Ion Ratio Lower Upper
56 100
55 72.8 56.6 85.0



#14
Allyl chloride
Concen: 19.174 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 41 Resp: 50007
Ion Ratio Lower Upper
41 100
39 72.2 53.5 80.3
76 45.6 31.1 46.7

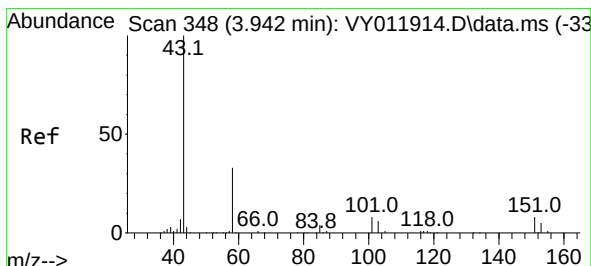
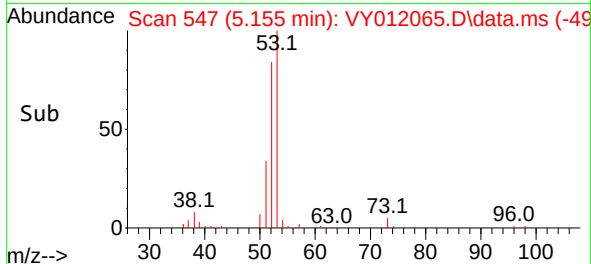
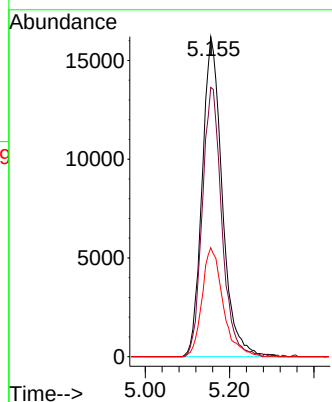
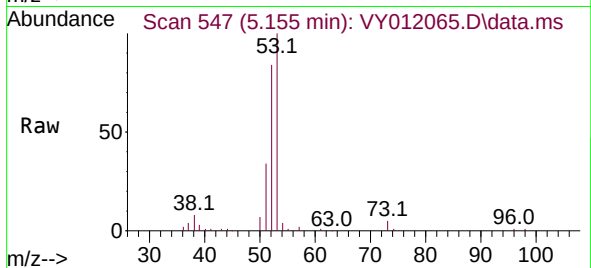




#15
Acrylonitrile
Concen: 116.555 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

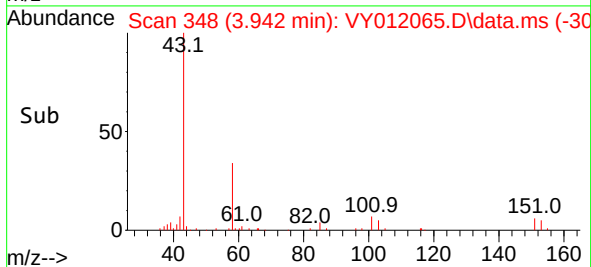
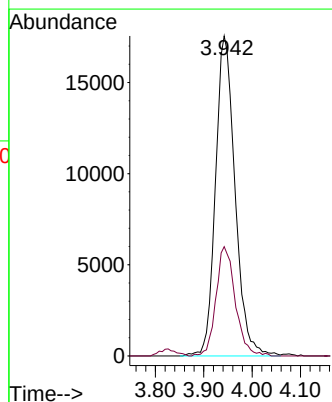
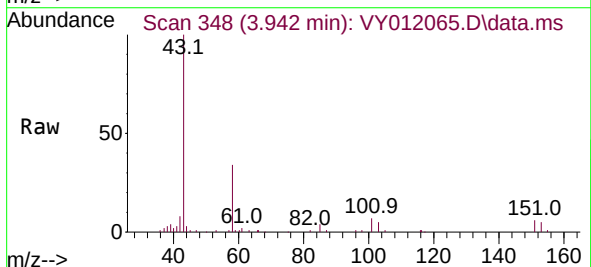
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

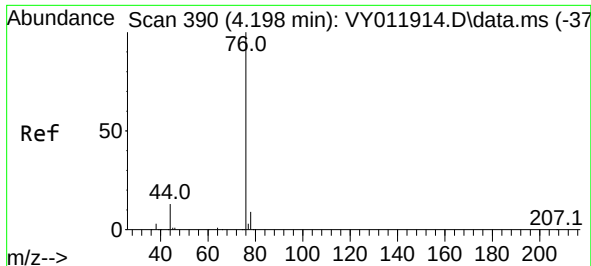
Tgt Ion: 53 Resp: 53804
Ion Ratio Lower Upper
53 100
52 81.6 65.1 97.7
51 35.5 28.7 43.1



#16
Acetone
Concen: 90.667 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 43 Resp: 49265
Ion Ratio Lower Upper
43 100
58 34.1 27.9 41.9

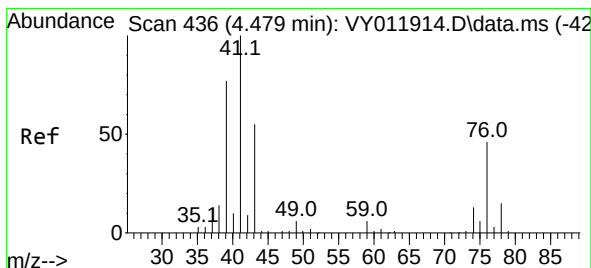
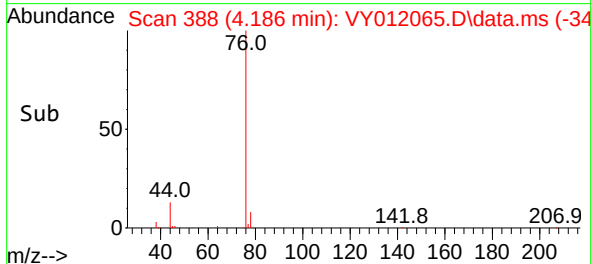
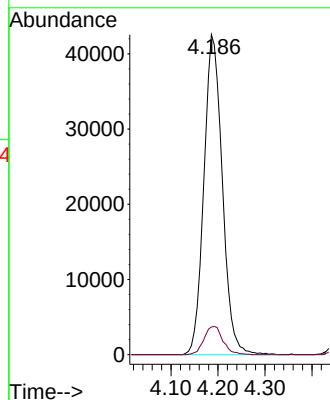
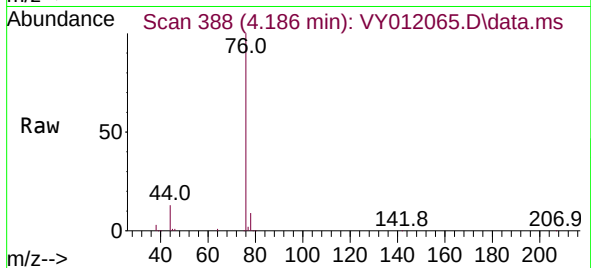




#17
Carbon Disulfide
Concen: 20.508 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

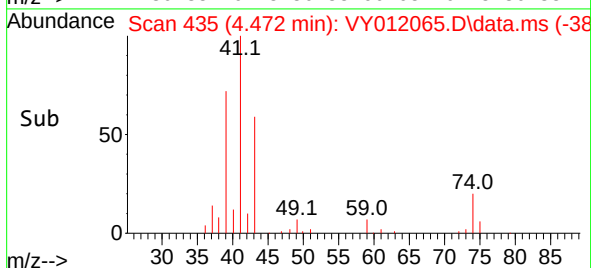
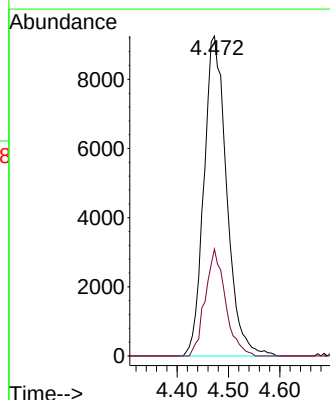
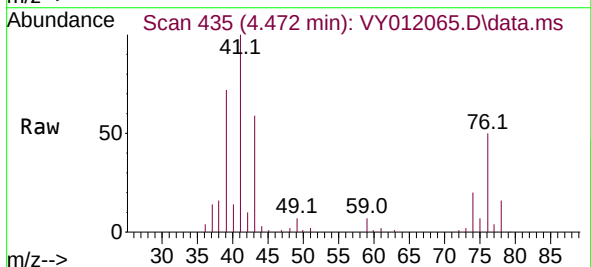
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

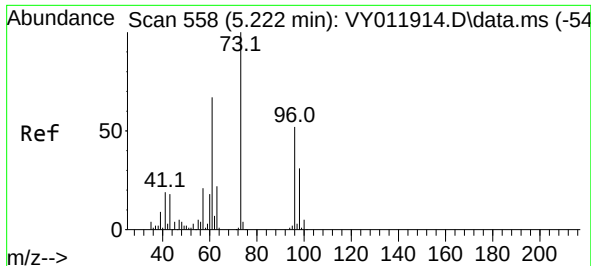
Tgt Ion: 76 Resp: 115857
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.855 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 43 Resp: 28480
Ion Ratio Lower Upper
43 100
74 29.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 23.510 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

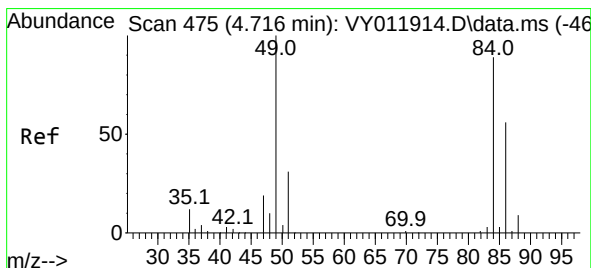
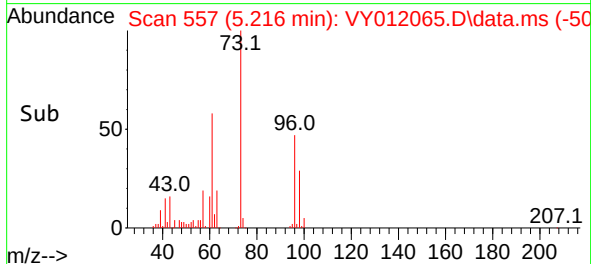
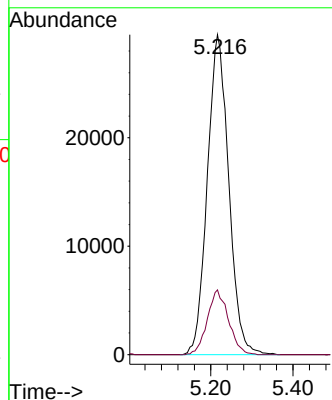
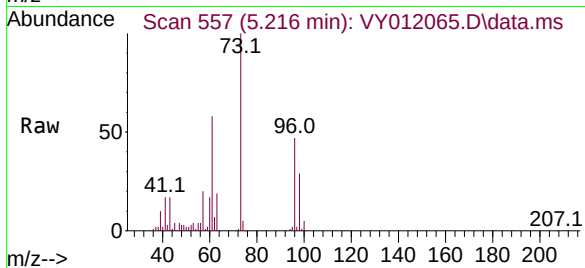
VY0104SBSD01

Tgt Ion: 73 Resp: 106829

Ion Ratio Lower Upper

73 100

57 20.3 17.4 26.0



#20

Methylene Chloride

Concen: 21.502 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Tgt Ion: 84 Resp: 54110

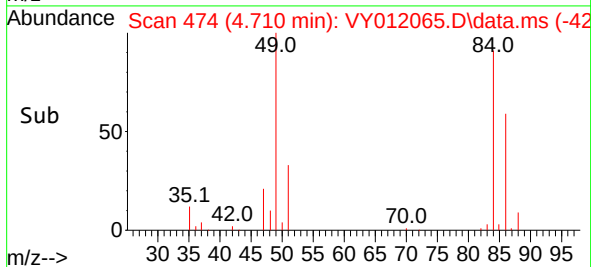
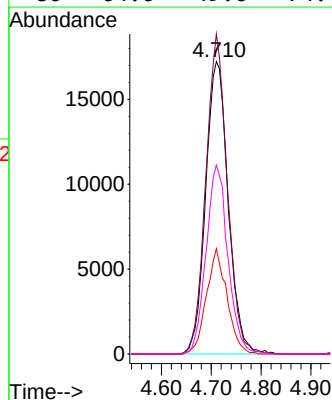
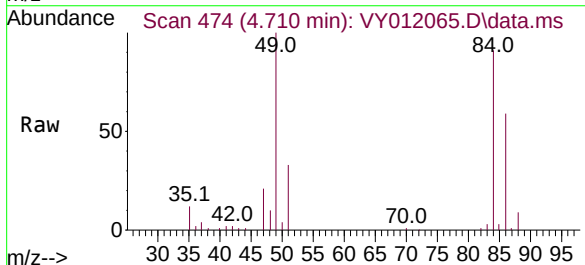
Ion Ratio Lower Upper

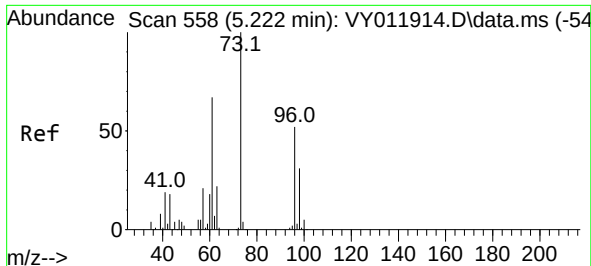
84 100

49 109.5 95.4 143.2

51 36.0 29.9 44.9

86 64.6 49.6 74.4

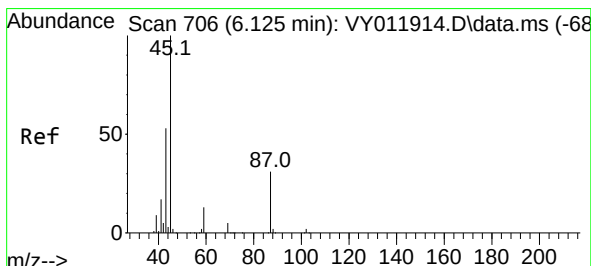
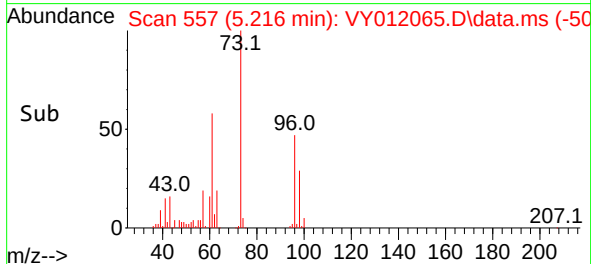
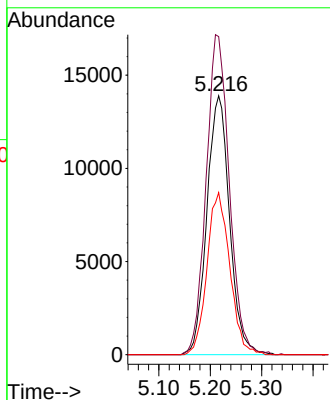
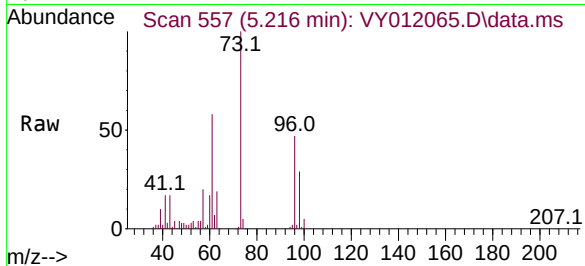




#21
trans-1,2-Dichloroethene
Concen: 21.166 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

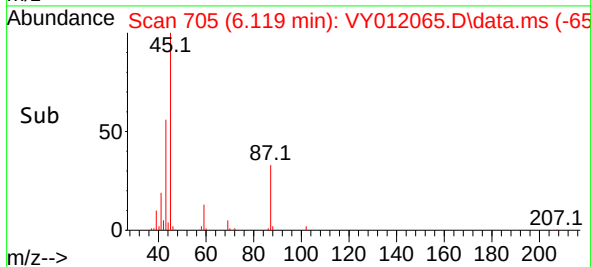
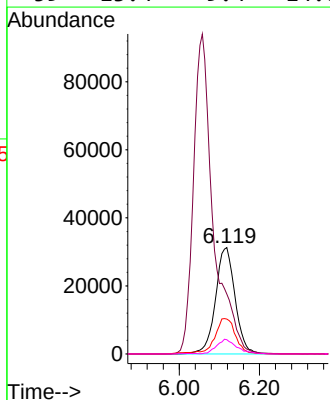
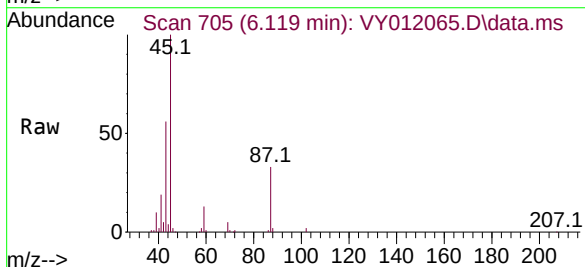
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

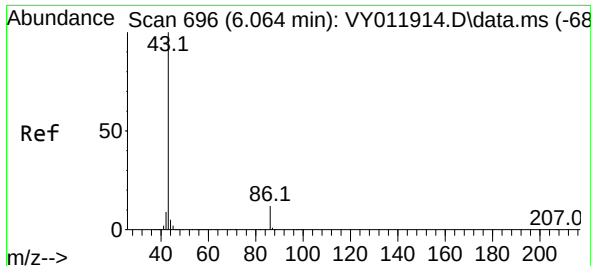
Tgt Ion: 96 Resp: 42592
Ion Ratio Lower Upper
96 100
61 122.9 108.0 162.0
98 62.6 51.6 77.4



#22
Diisopropyl ether
Concen: 20.624 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 45 Resp: 105937
Ion Ratio Lower Upper
45 100
43 55.8 45.0 67.4
87 32.8 22.6 33.8
59 13.4 9.4 14.0

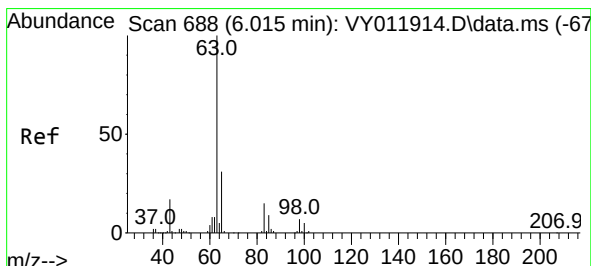
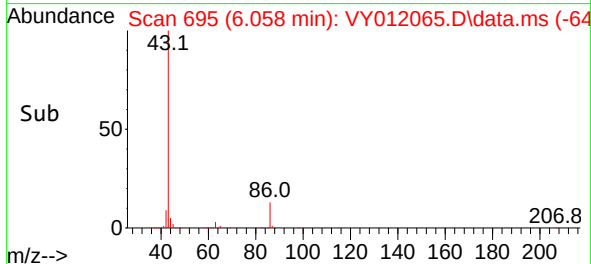
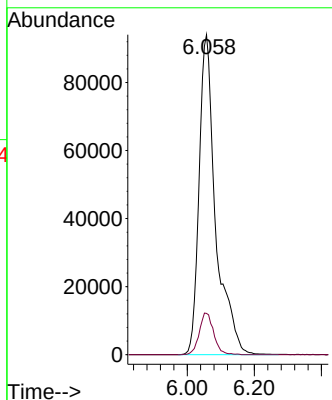
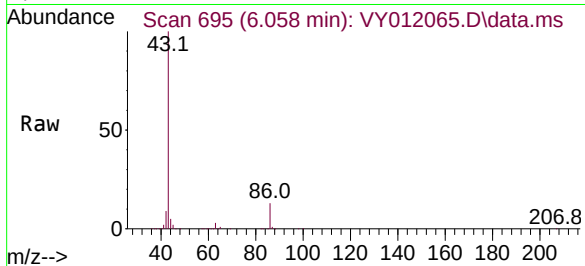




#23
 Vinyl Acetate
 Concen: 109.313 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY012065.D
 Acq: 04 Jan 2023 12:49

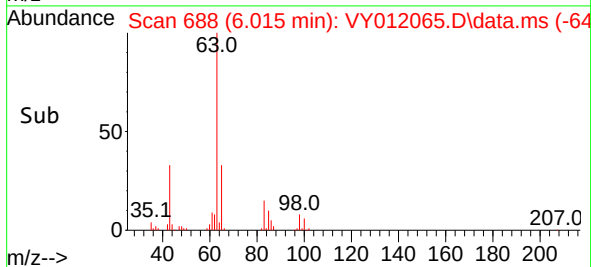
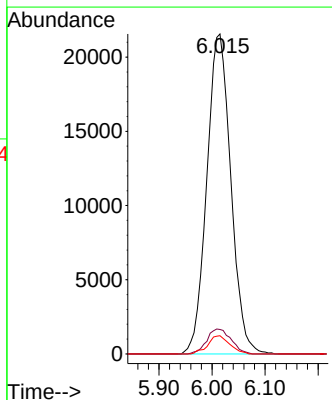
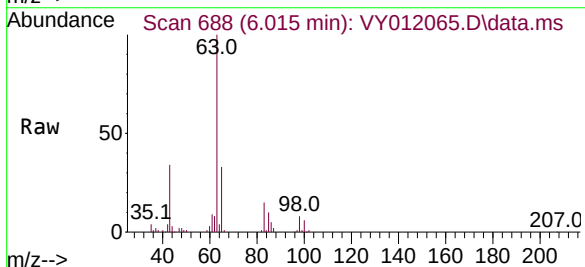
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0104SBSD01

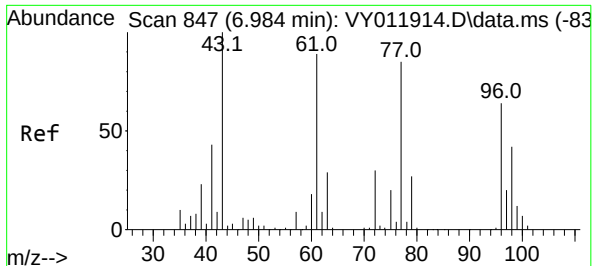
Tgt Ion: 43 Resp: 323046
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.340 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012065.D
 Acq: 04 Jan 2023 12:49

Tgt Ion: 63 Resp: 67911
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 5.7 2.2 6.6





#25

2-Butanone

Concen: 105.852 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

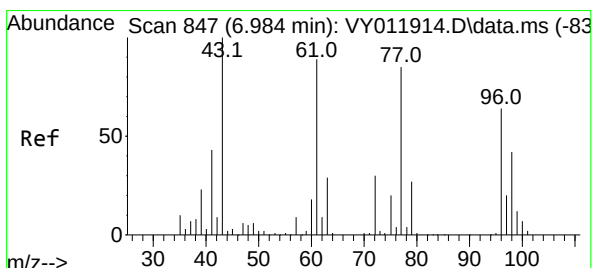
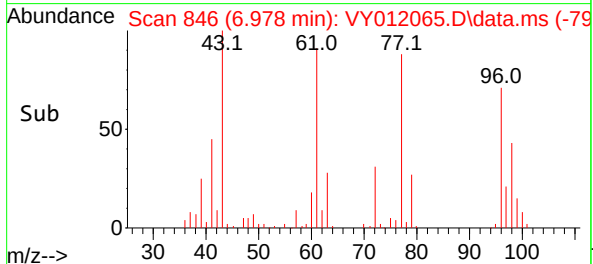
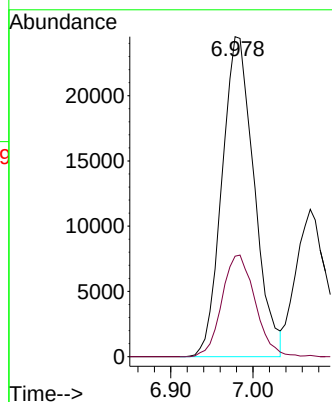
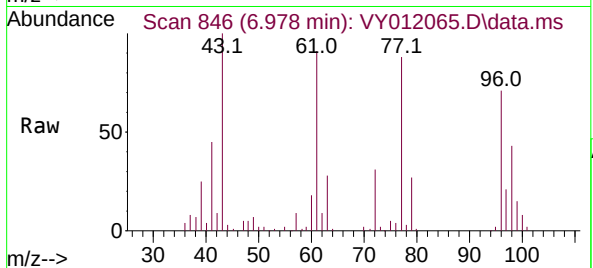
VY0104SBSD01

Tgt Ion: 43 Resp: 66496

Ion Ratio Lower Upper

43 100

72 31.4 22.6 34.0



#26

2,2-Dichloropropane

Concen: 20.401 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012065.D

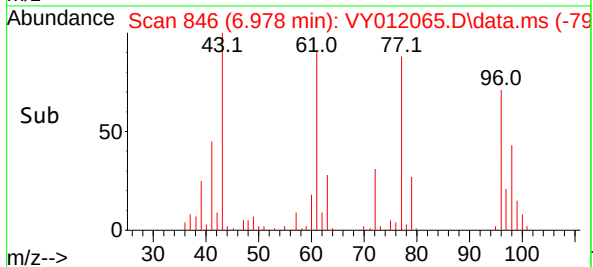
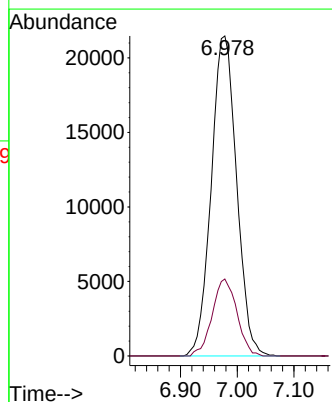
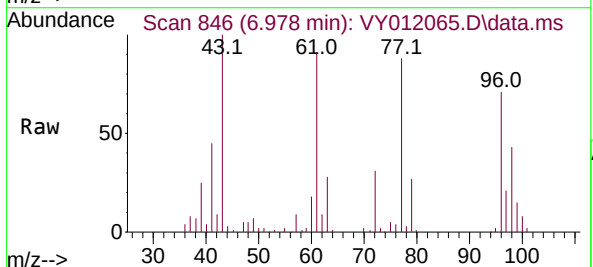
Acq: 04 Jan 2023 12:49

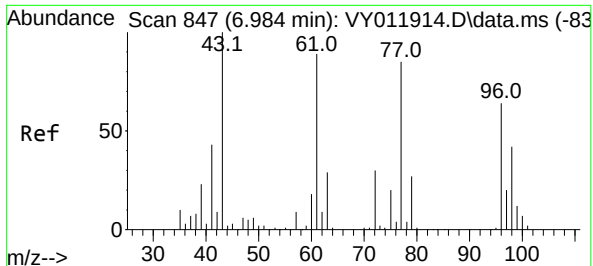
Tgt Ion: 77 Resp: 66652

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.1



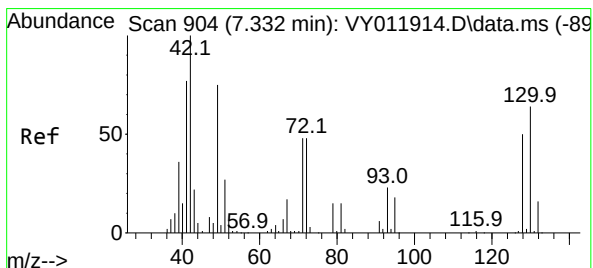
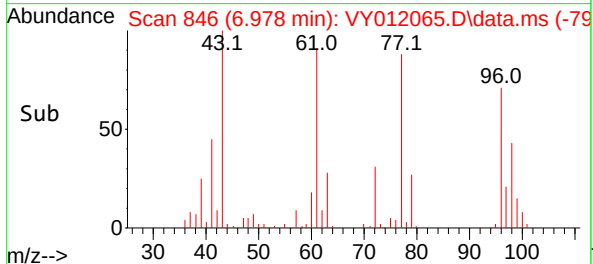
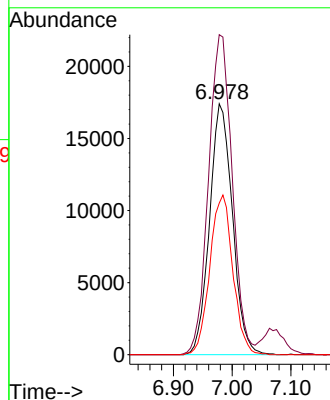
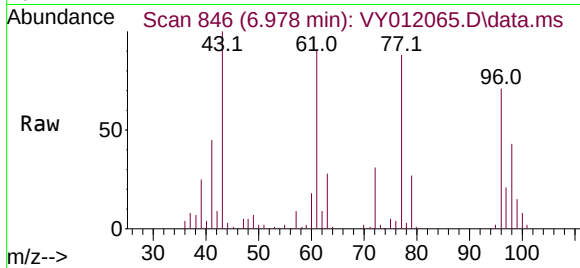


#27
 cis-1,2-Dichloroethene
 Concen: 21.677 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY012065.D
 Acq: 04 Jan 2023 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0104SBSD01

Tgt Ion: 96 Resp: 47179

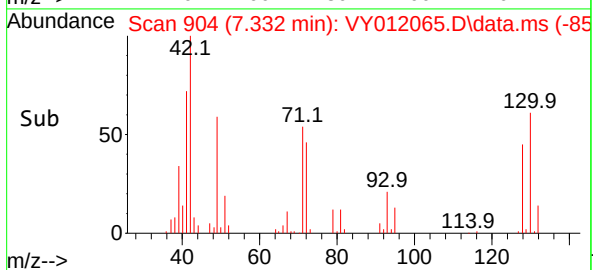
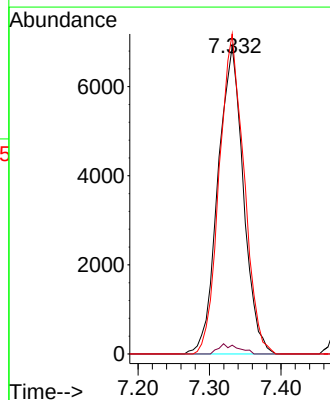
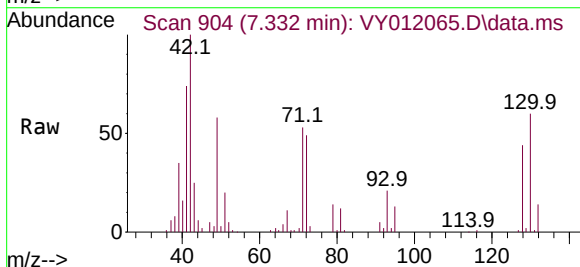
Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	283.4
98	63.8	0.0	127.6

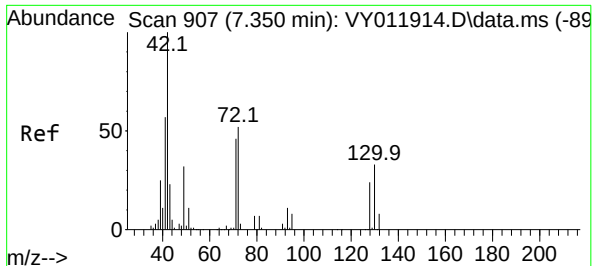


#28
 Bromochloromethane
 Concen: 18.603 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012065.D
 Acq: 04 Jan 2023 12:49

Tgt Ion: 49 Resp: 17044

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	101.3	66.7	100.1#





#29

Tetrahydrofuran

Concen: 114.581 ug/l

RT: 7.338 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

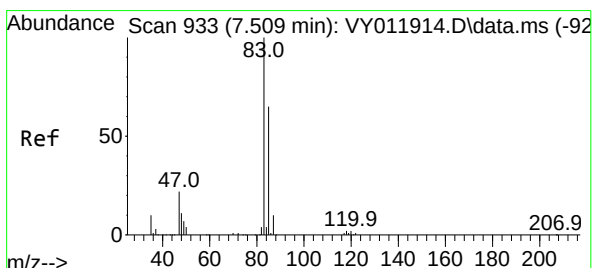
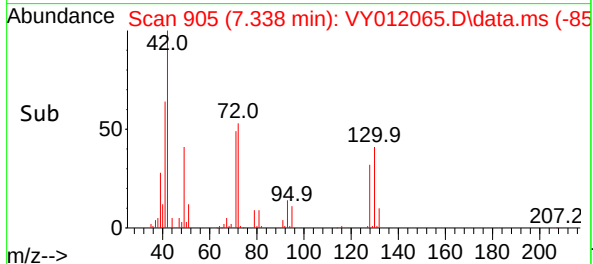
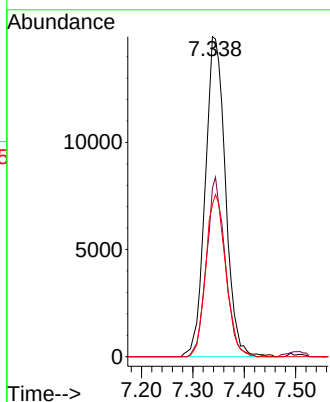
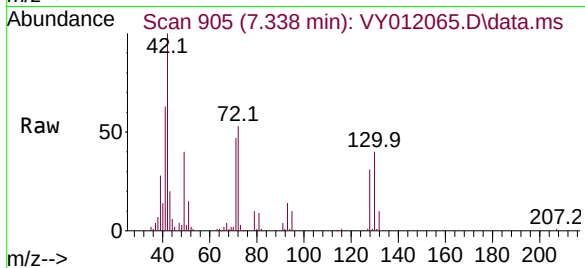
Tgt Ion: 42 Resp: 40782

Ion Ratio Lower Upper

42 100

72 51.6 37.0 55.6

71 50.0 34.9 52.3



#30

Chloroform

Concen: 21.439 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012065.D

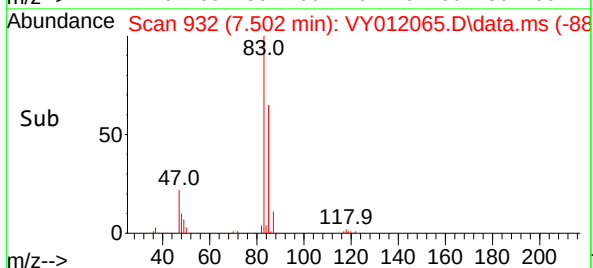
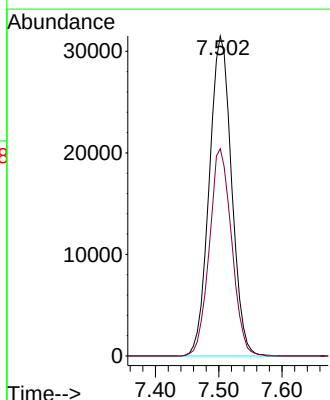
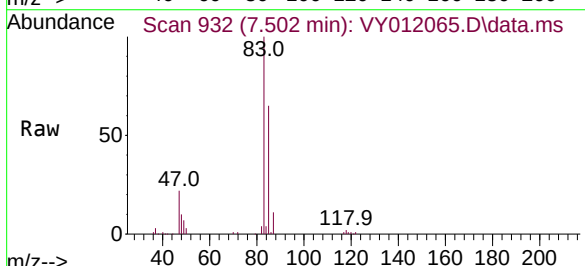
Acq: 04 Jan 2023 12:49

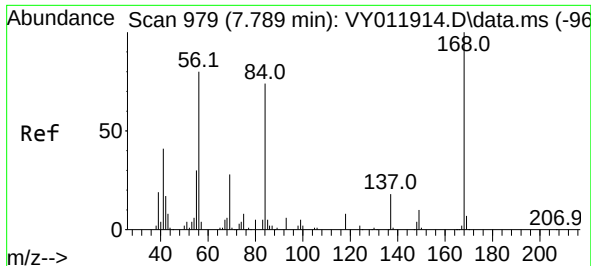
Tgt Ion: 83 Resp: 77154

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3

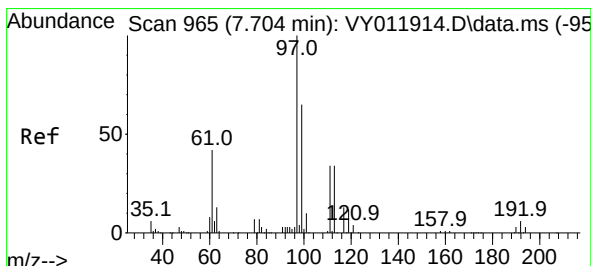
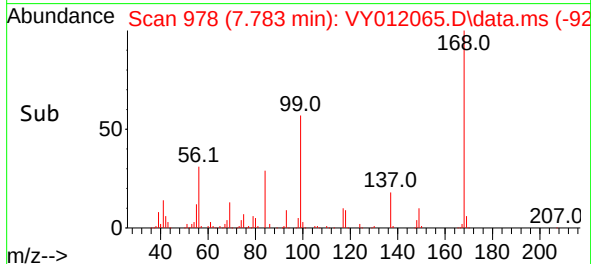
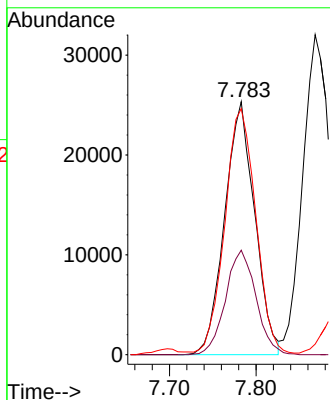
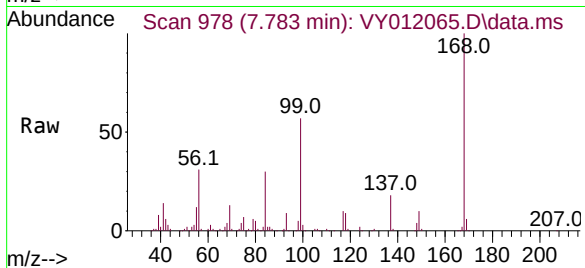




#31
Cyclohexane
Concen: 19.233 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

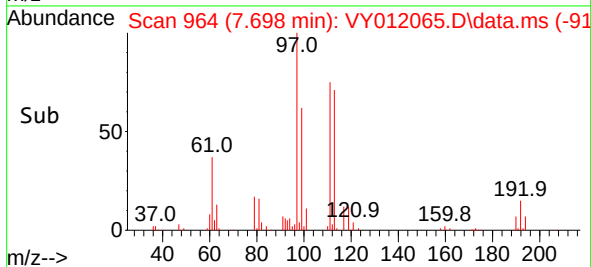
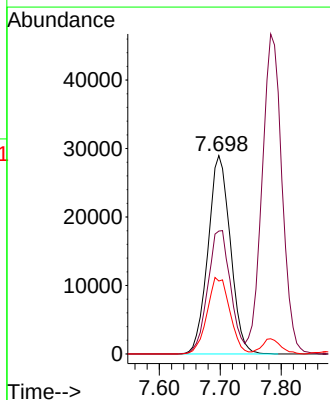
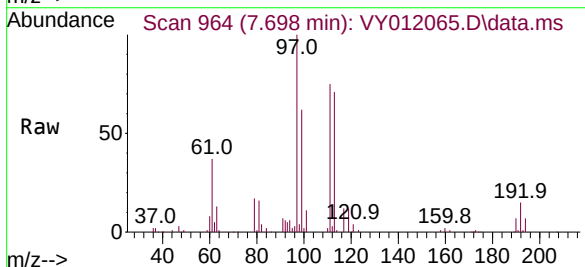
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

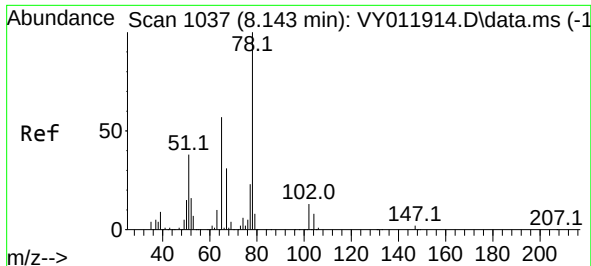
Tgt Ion: 56 Resp: 61059
Ion Ratio Lower Upper
56 100
69 41.3 29.2 43.8
84 96.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 21.560 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 97 Resp: 73799
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 39.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 51.283 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

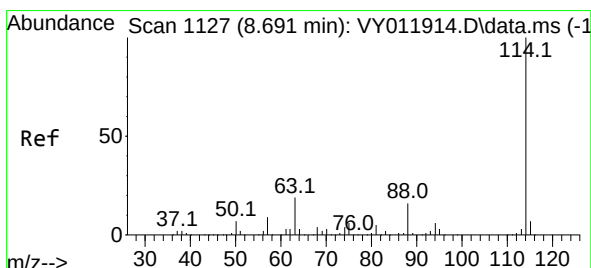
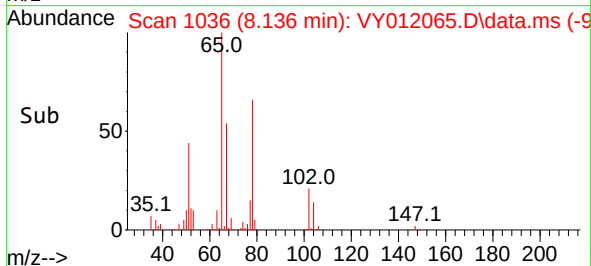
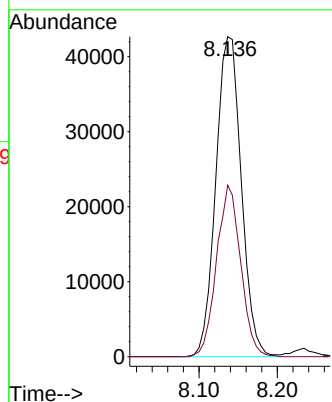
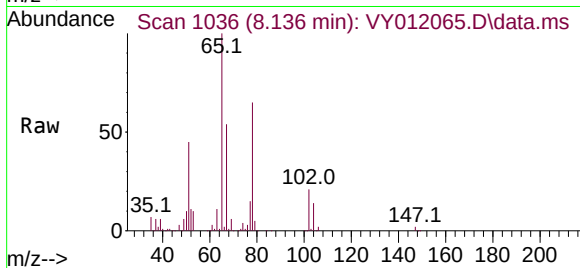
VY0104SBSD01

Tgt Ion: 65 Resp: 96713

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

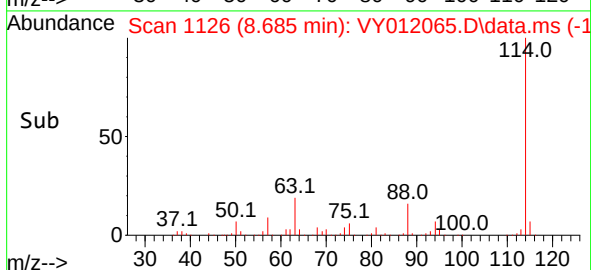
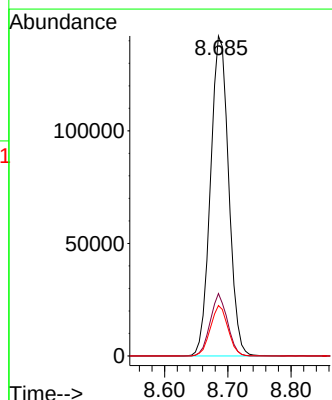
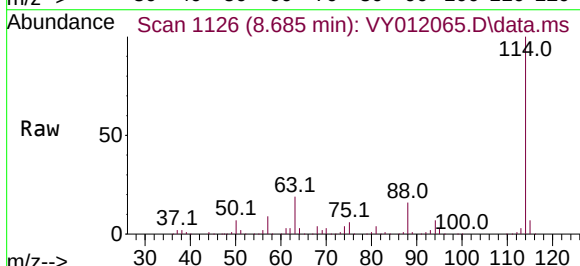
Tgt Ion: 114 Resp: 283369

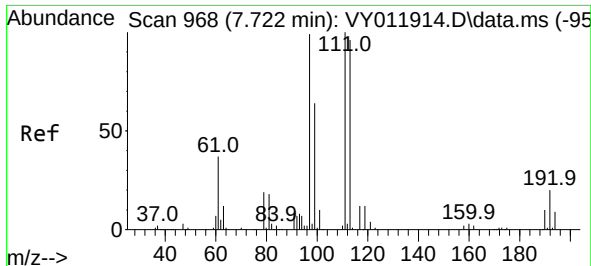
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.8 0.0 32.2

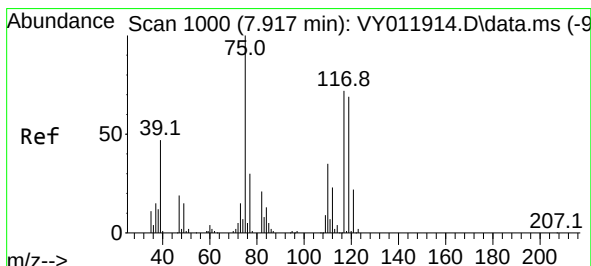
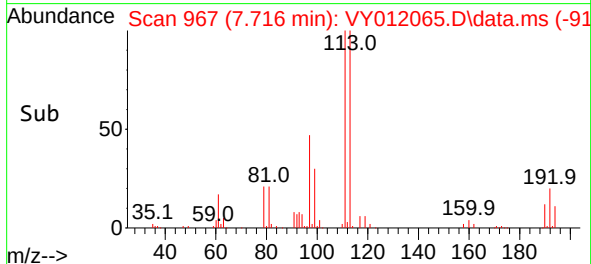
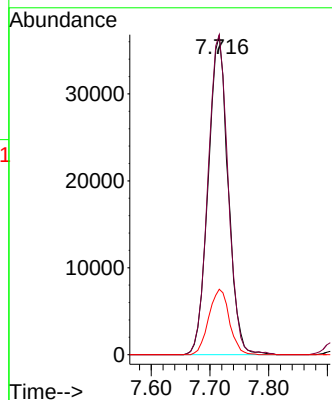
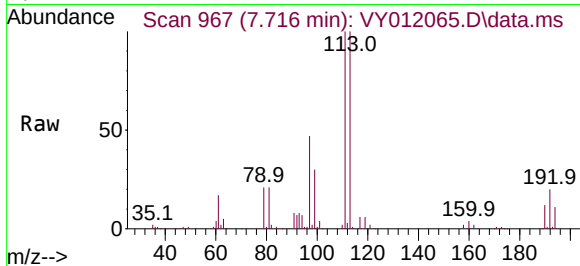




#35
Dibromofluoromethane
Concen: 50.529 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

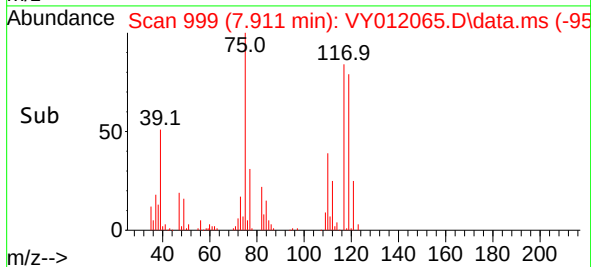
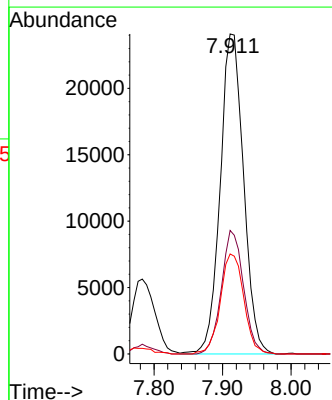
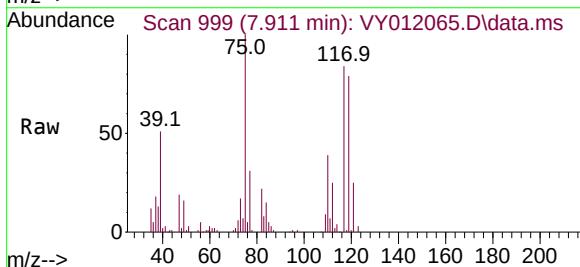
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

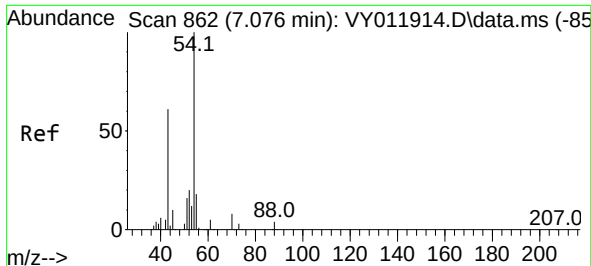
Tgt Ion:113 Resp: 86200
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 21.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.843 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 75 Resp: 57034
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.1
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 24.522 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBS01

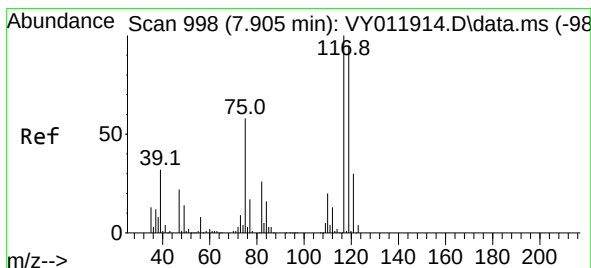
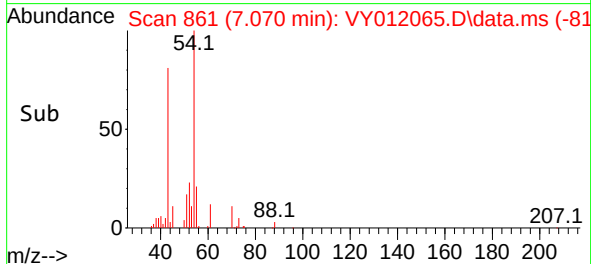
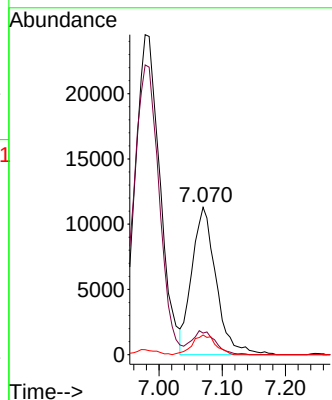
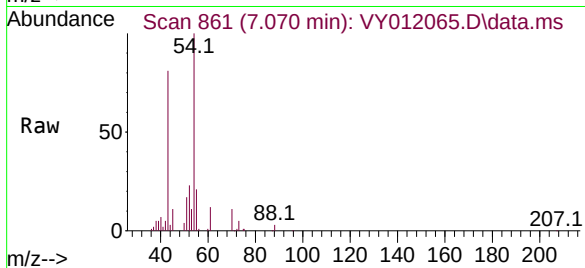
Tgt Ion: 43 Resp: 30106

Ion Ratio Lower Upper

43 100

61 15.7 11.3 16.9

70 12.7 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 22.259 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

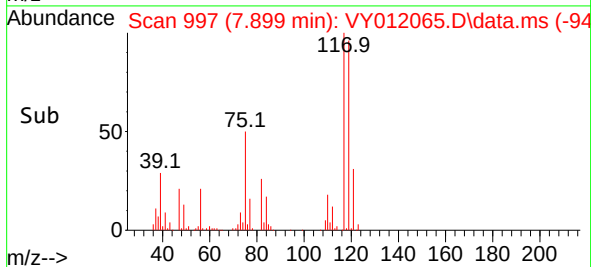
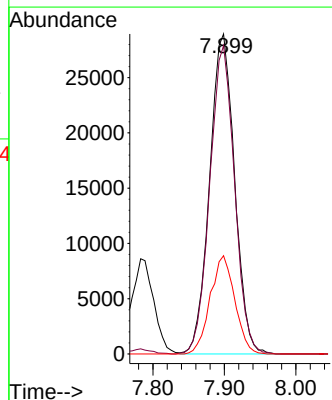
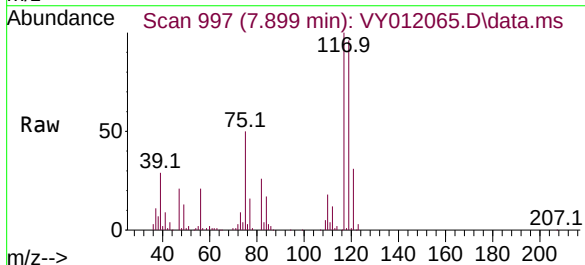
Tgt Ion: 117 Resp: 70345

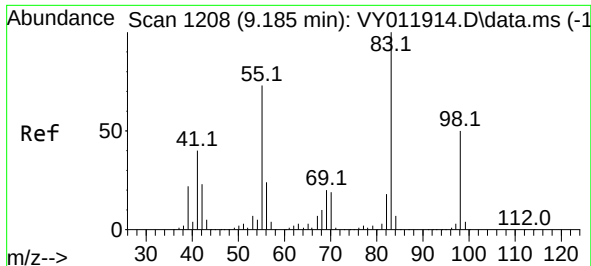
Ion Ratio Lower Upper

117 100

119 96.4 73.8 110.8

121 30.7 25.2 37.8





#39

Methylcyclohexane

Concen: 20.882 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

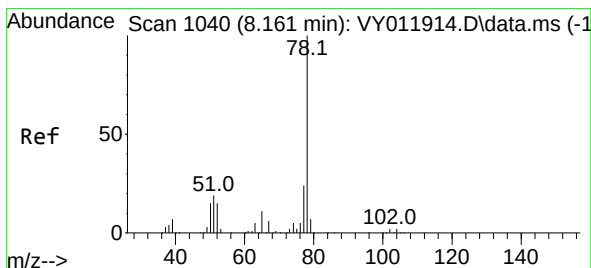
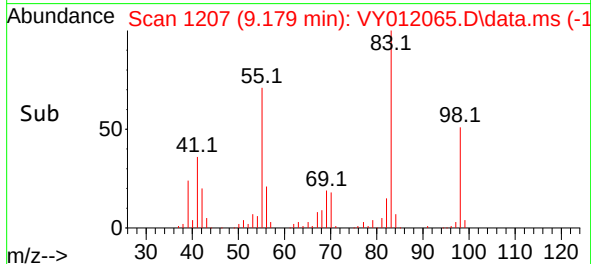
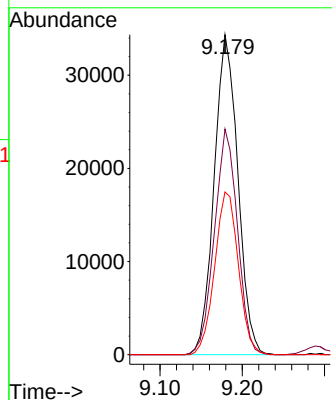
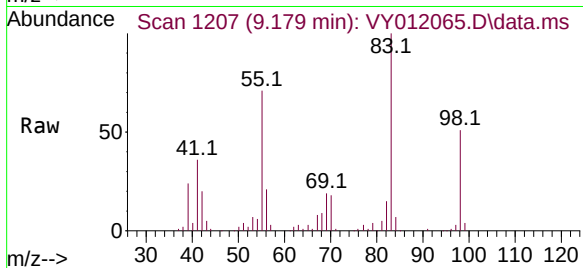
Tgt Ion: 83 Resp: 68757

Ion Ratio Lower Upper

83 100

55 70.5 58.2 87.2

98 50.8 38.6 58.0



#40

Benzene

Concen: 20.944 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012065.D

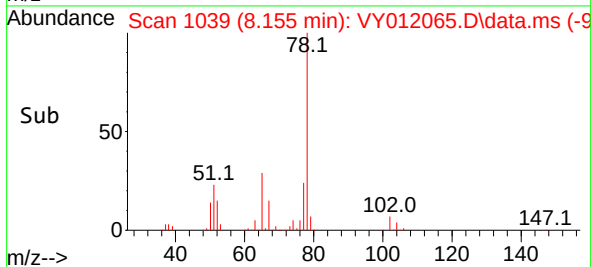
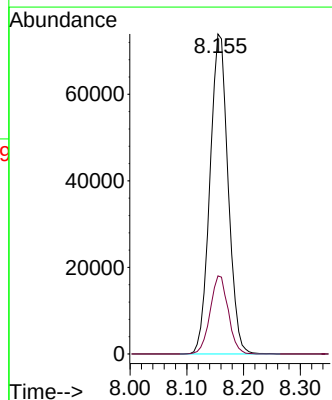
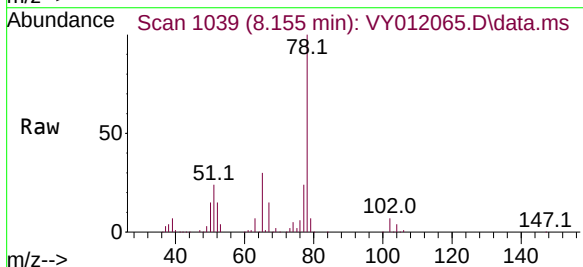
Acq: 04 Jan 2023 12:49

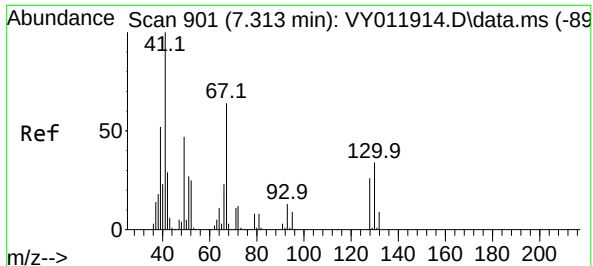
Tgt Ion: 78 Resp: 164011

Ion Ratio Lower Upper

78 100

77 24.4 18.6 27.8

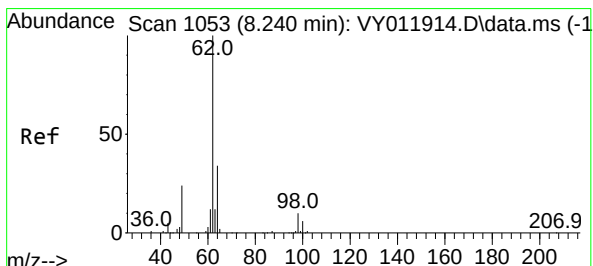
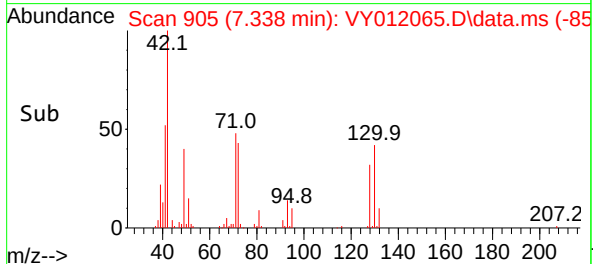
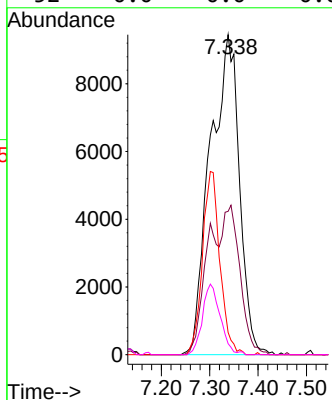
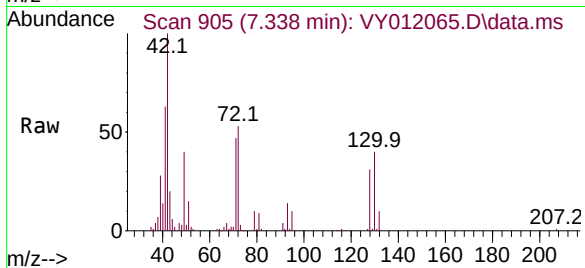




#41
Methacrylonitrile
Concen: 66.577 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

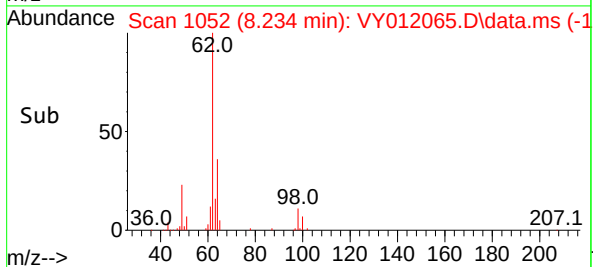
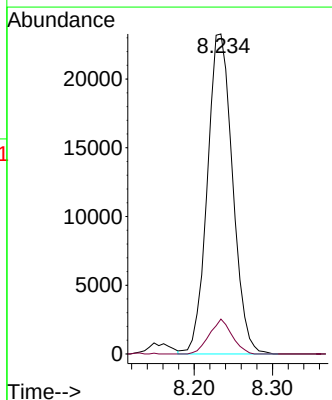
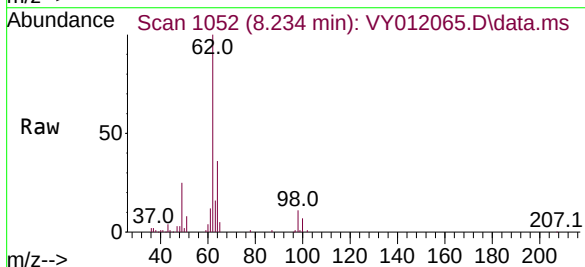
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

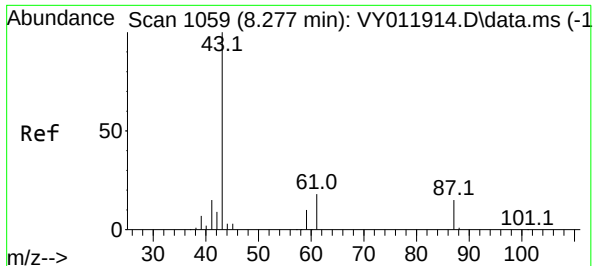
Tgt Ion:	41	Resp:	39525
Ion Ratio	Lower	Upper	
41	100		
39	28.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.152 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:	62	Resp:	52193
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	19.6

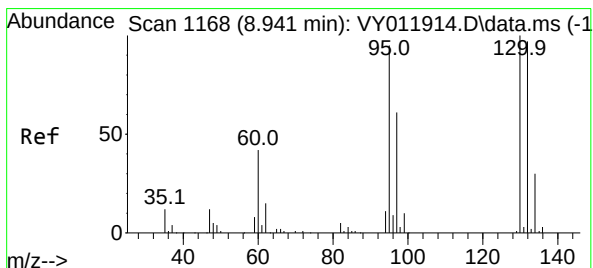
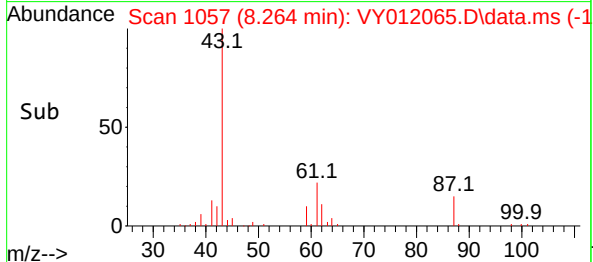
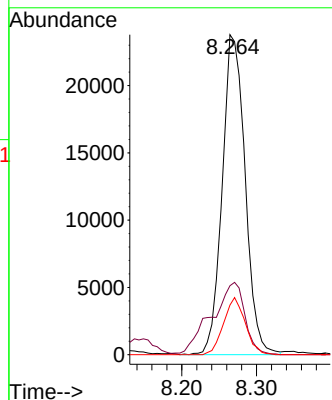
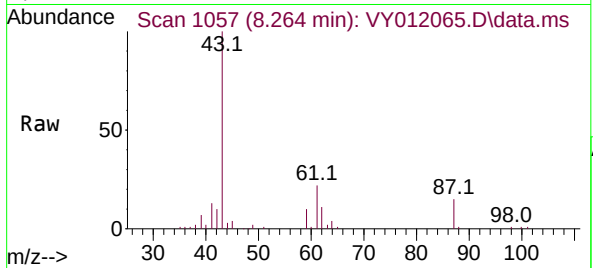




#43
Isopropyl Acetate
Concen: 22.629 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

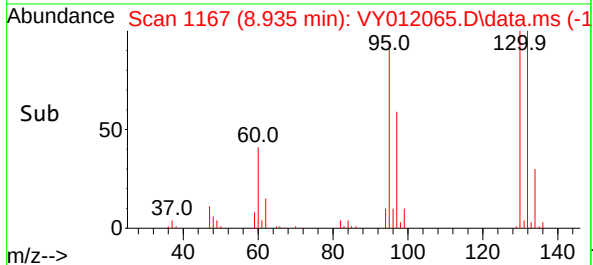
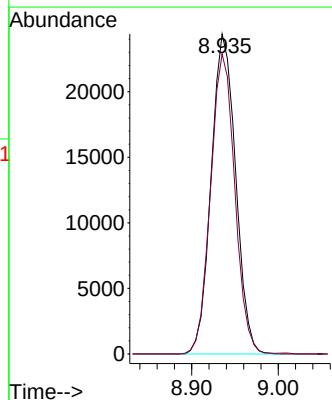
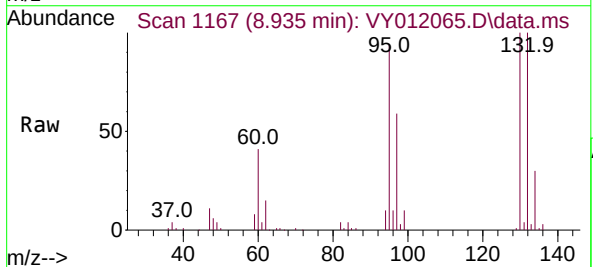
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

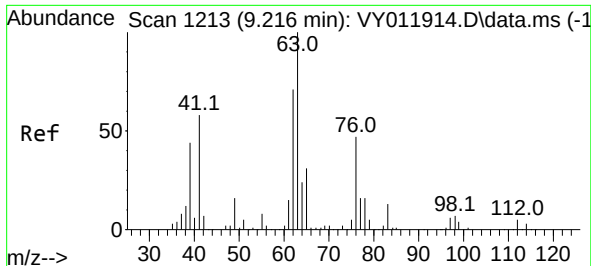
Tgt Ion: 43 Resp: 50740
Ion Ratio Lower Upper
43 100
61 32.9 24.4 36.6
87 16.9 11.4 17.2



#44
Trichloroethene
Concen: 21.665 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:130 Resp: 47821
Ion Ratio Lower Upper
130 100
95 93.7 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.761 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

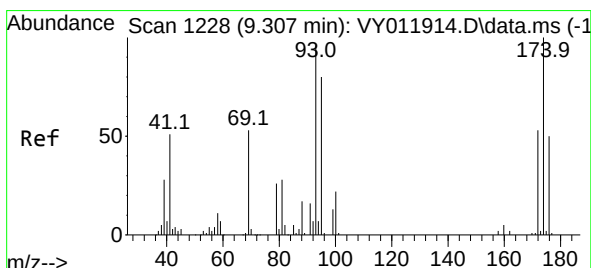
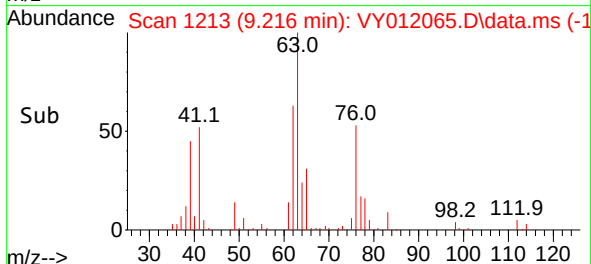
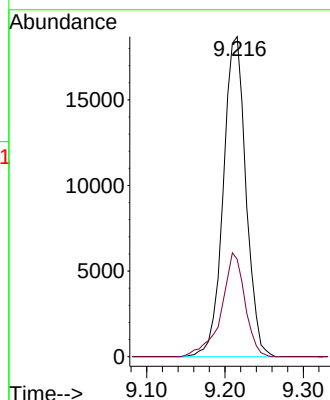
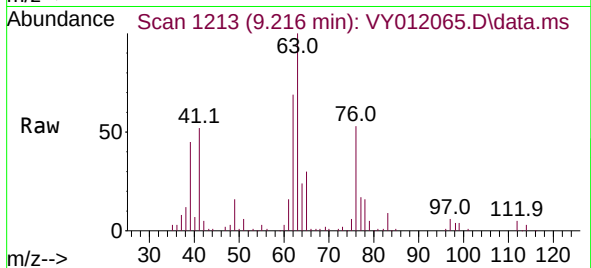
VY0104SBSD01

Tgt Ion: 63 Resp: 37565

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 22.947 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

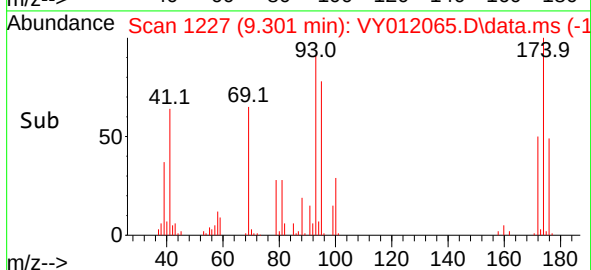
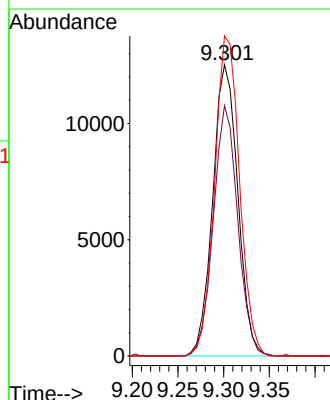
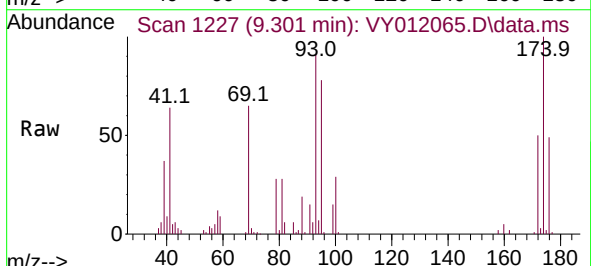
Tgt Ion: 93 Resp: 23916

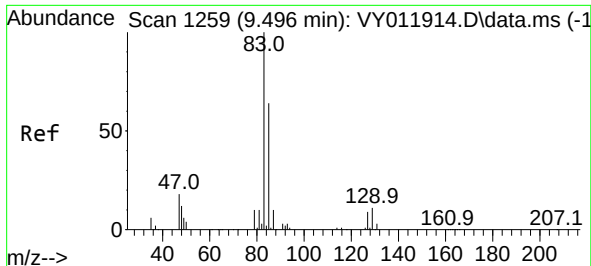
Ion Ratio Lower Upper

93 100

95 83.5 66.1 99.1

174 109.4 84.7 127.1

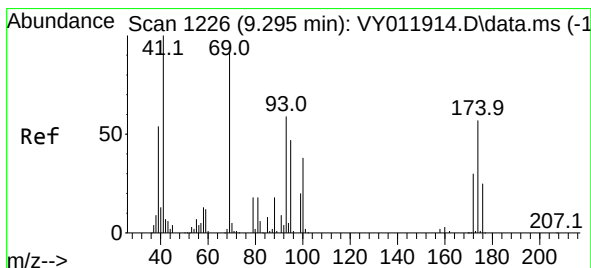
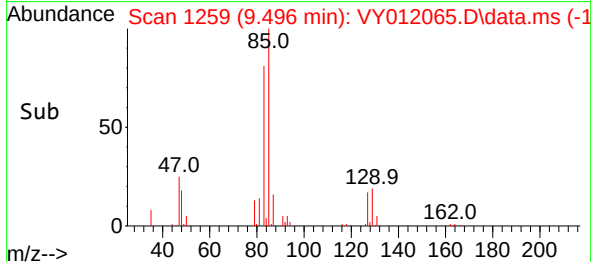
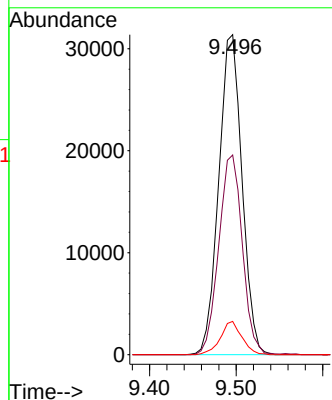
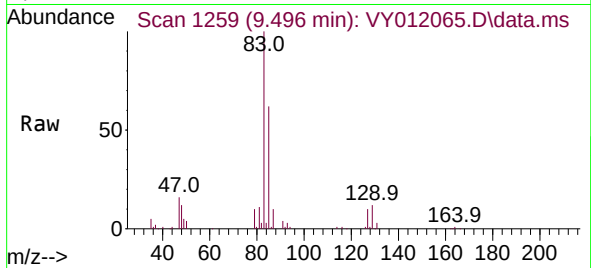




#47
Bromodichloromethane
Concen: 22.146 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

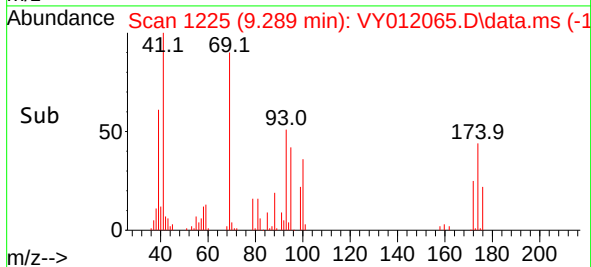
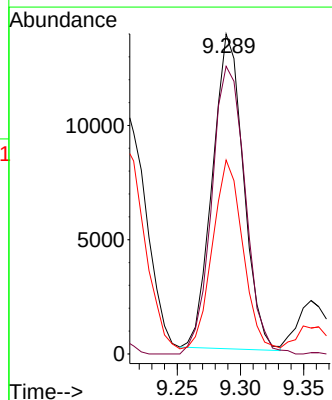
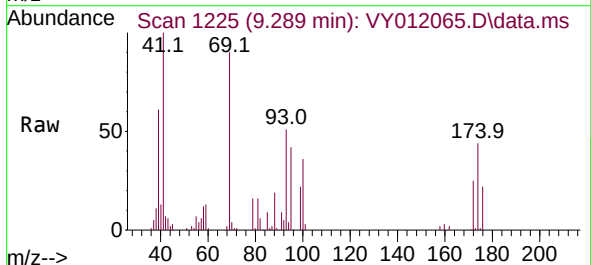
Instrument : MSVOA_Y
ClientSampleId : VY0104SBSD01

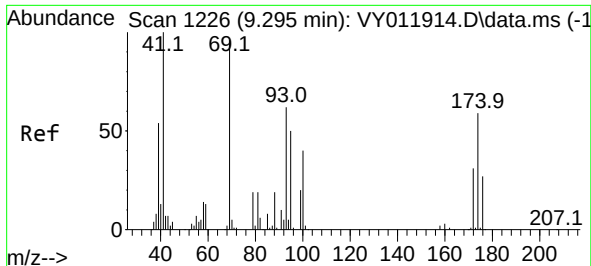
Tgt Ion: 83	Resp: 58557
Ion Ratio	Lower Upper
83 100	
85 62.4	52.0 78.0
127 10.4	7.3 10.9



#48
Methyl methacrylate
Concen: 22.623 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 41	Resp: 23486
Ion Ratio	Lower Upper
41 100	
69 98.8	74.2 111.2
39 59.1	46.3 69.5





#49

1,4-Dioxane

Concen: 551.371 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

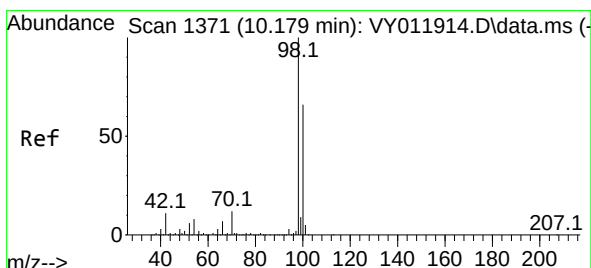
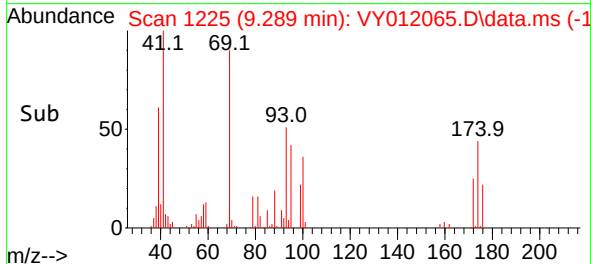
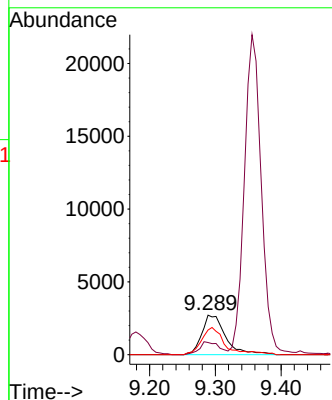
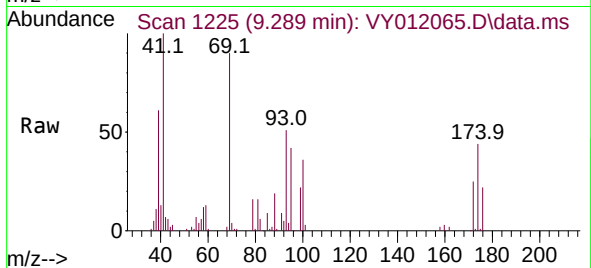
Tgt Ion: 88 Resp: 6861

Ion Ratio Lower Upper

88 100

43 27.4 26.2 39.2

58 67.7 54.3 81.5



#50

Toluene-d8

Concen: 48.198 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012065.D

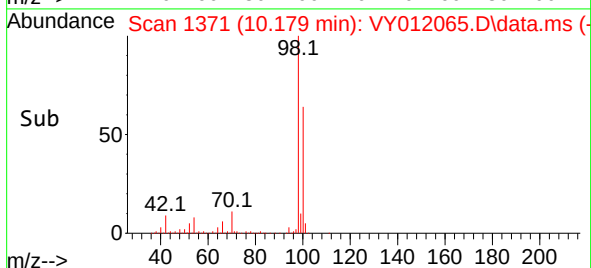
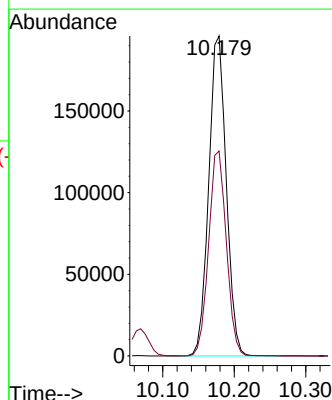
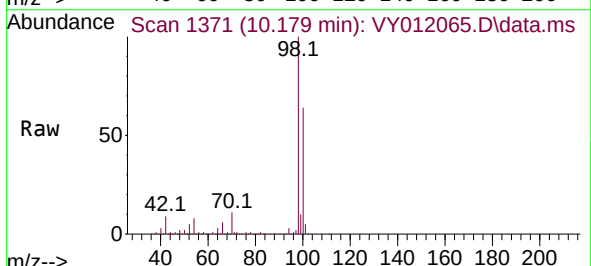
Acq: 04 Jan 2023 12:49

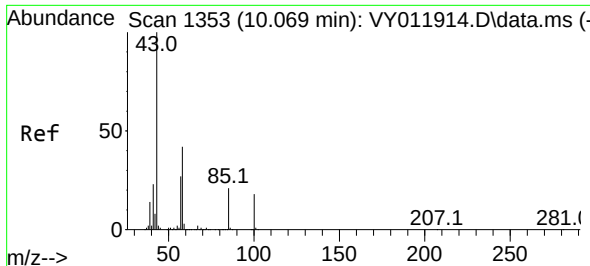
Tgt Ion: 98 Resp: 333604

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

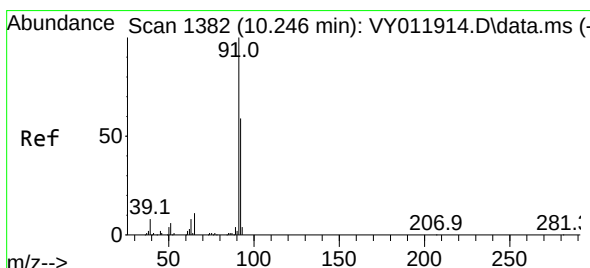
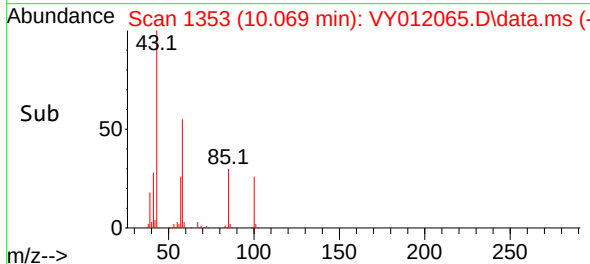
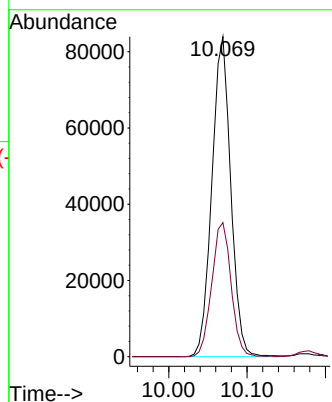
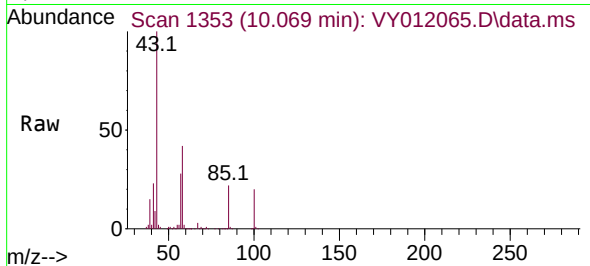




#51
4-Methyl-2-Pentanone
Concen: 117.527 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

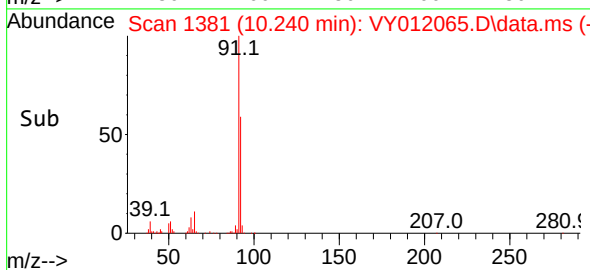
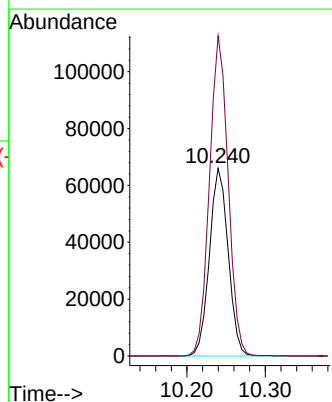
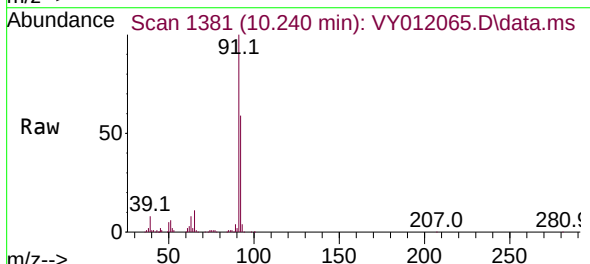
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

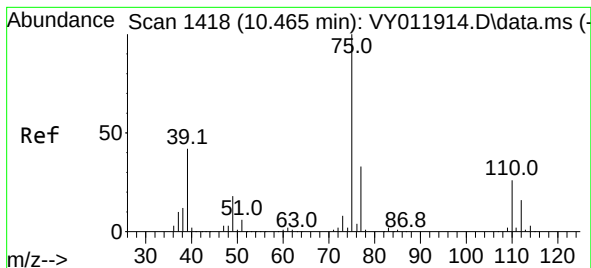
Tgt Ion: 43 Resp: 140514
Ion Ratio Lower Upper
43 100
58 43.0 32.9 49.3



#52
Toluene
Concen: 21.961 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 92 Resp: 109570
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

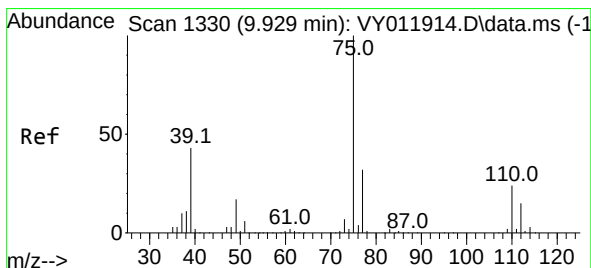
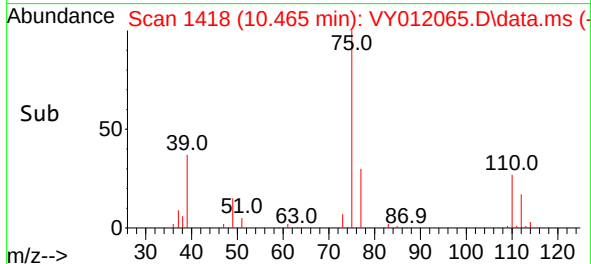
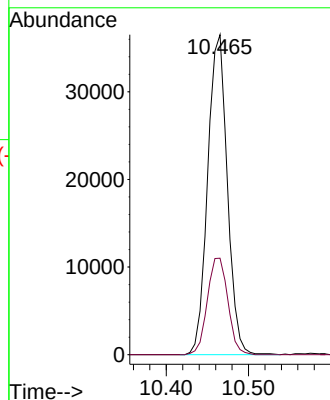
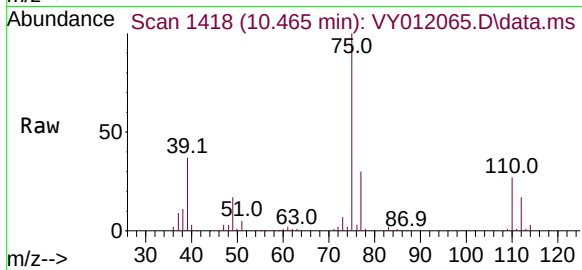




#53
t-1,3-Dichloropropene
Concen: 22.671 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

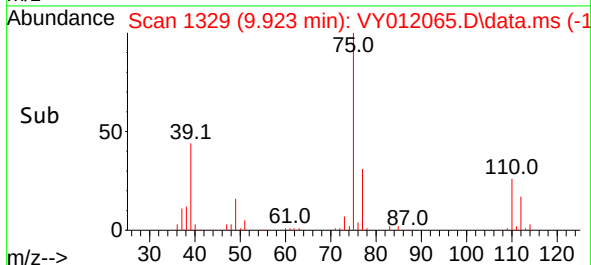
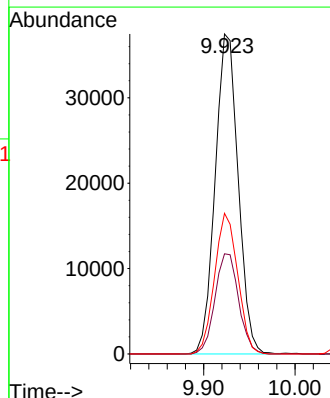
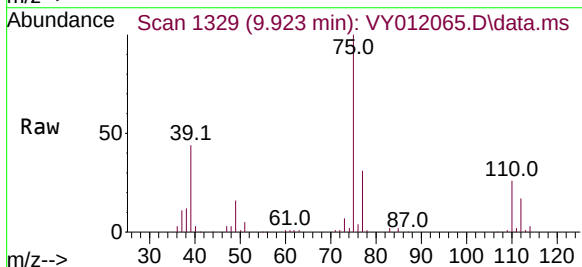
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBS01

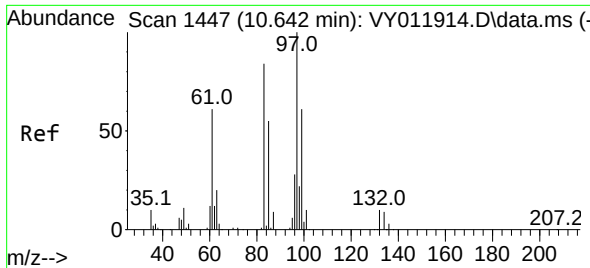
Tgt Ion: 75 Resp: 60572
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 21.850 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 75 Resp: 65620
Ion Ratio Lower Upper
75 100
77 31.3 25.9 38.9
39 44.0 34.6 52.0

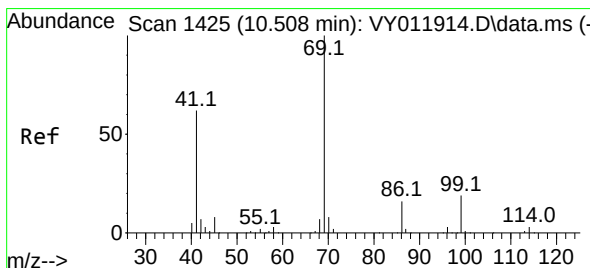
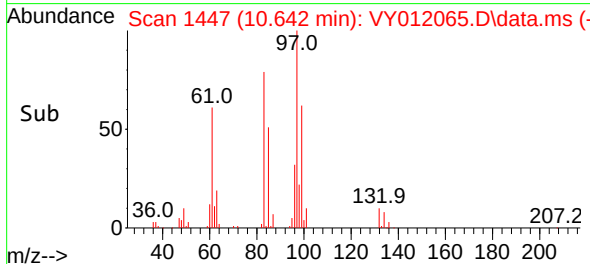
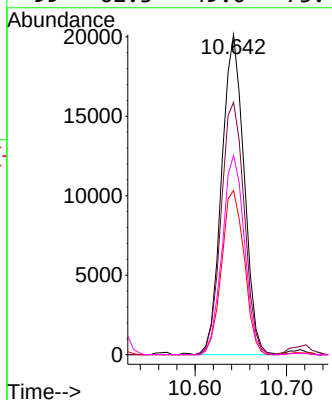
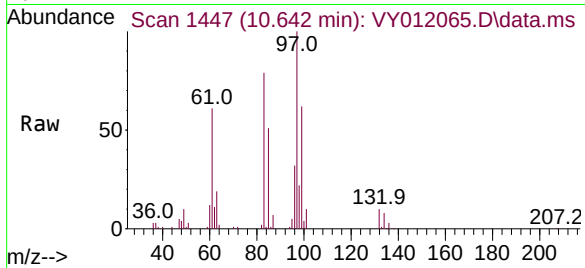




#55
1,1,2-Trichloroethane
Concen: 23.222 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

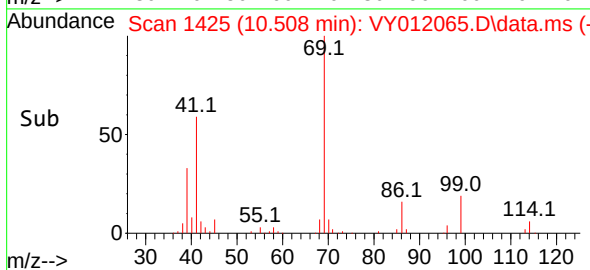
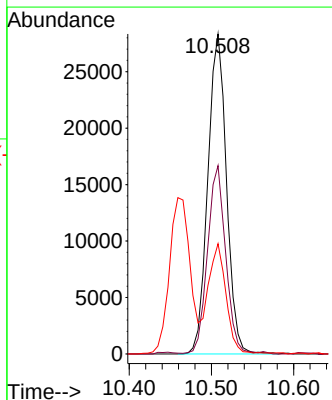
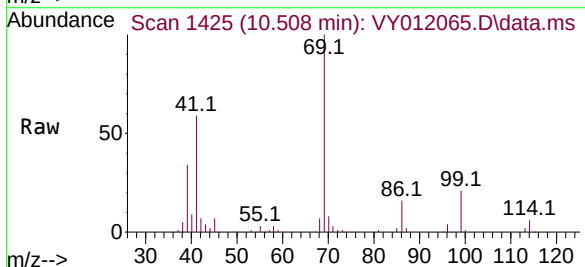
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

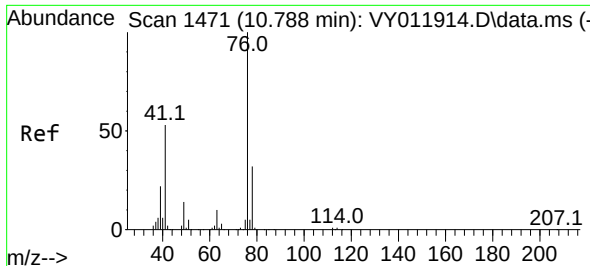
Tgt Ion:	97	Resp:	34345
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.7	101.5
85	51.4	43.8	65.8
99	62.3	49.0	73.4



#56
Ethyl methacrylate
Concen: 23.849 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:	69	Resp:	44659
Ion	Ratio	Lower	Upper
69	100		
41	57.8	48.9	73.3
39	33.1	25.9	38.9





#57

1,3-Dichloropropane

Concen: 22.568 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

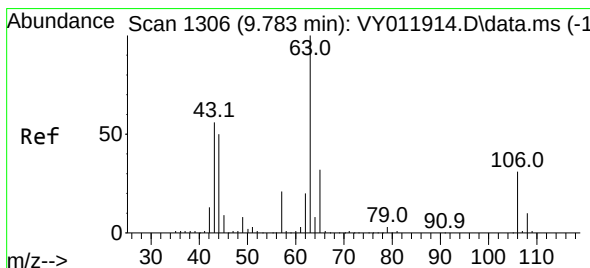
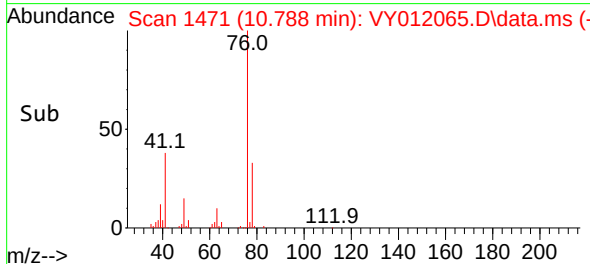
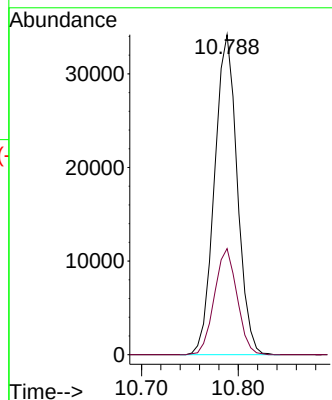
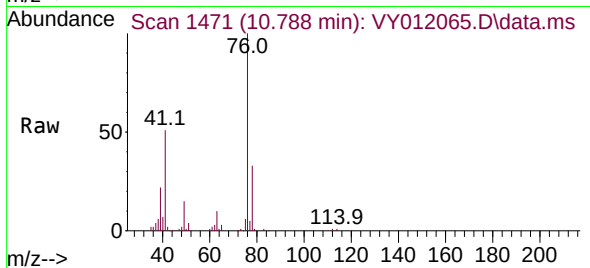
VY0104SBSD01

Tgt Ion: 76 Resp: 55700

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 115.340 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012065.D

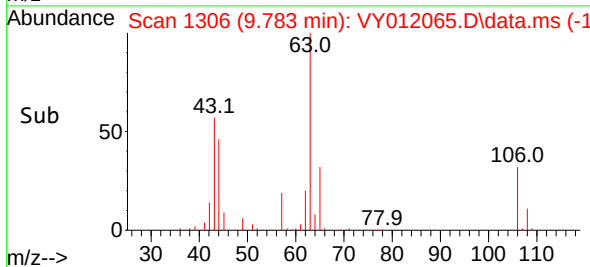
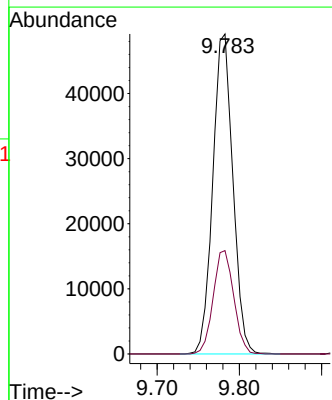
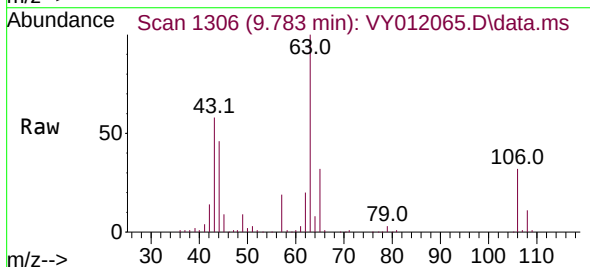
Acq: 04 Jan 2023 12:49

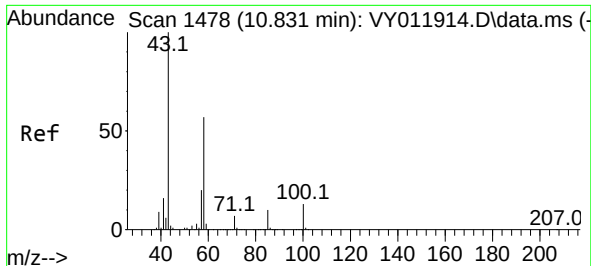
Tgt Ion: 63 Resp: 83342

Ion Ratio Lower Upper

63 100

106 33.0 23.2 34.8

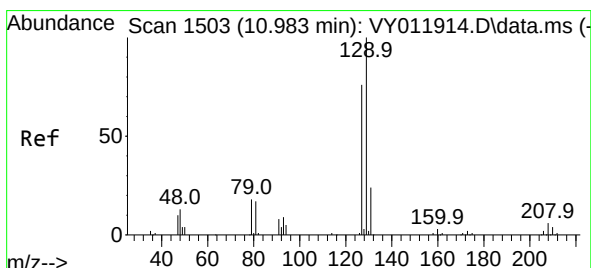
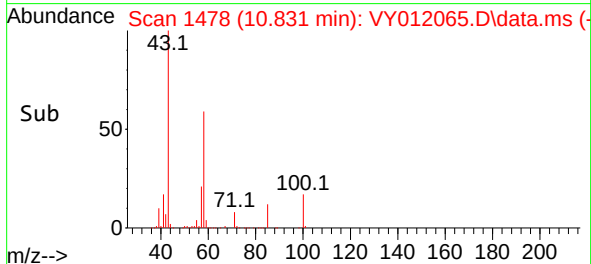
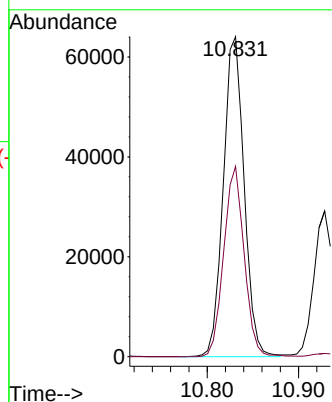
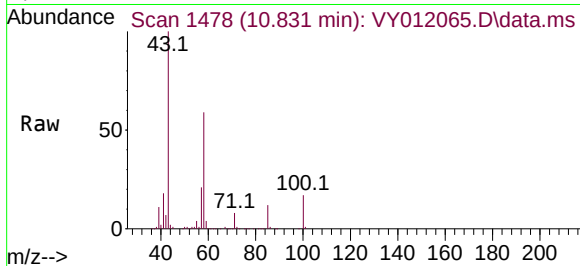




#59
2-Hexanone
Concen: 115.340 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

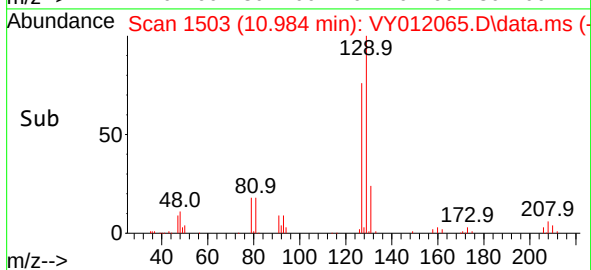
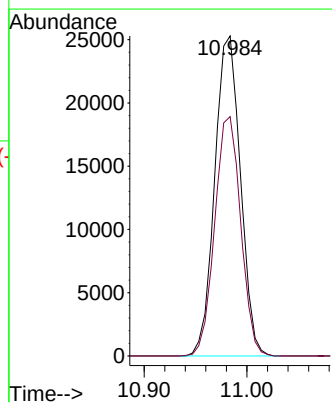
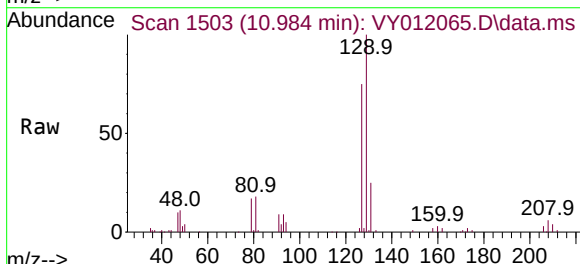
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

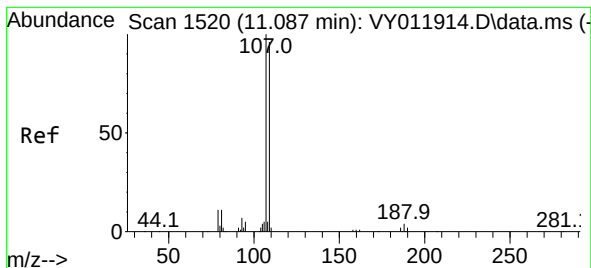
Tgt Ion: 43 Resp: 101450
Ion Ratio Lower Upper
43 100
58 58.4 28.4 85.2



#60
Dibromochloromethane
Concen: 23.568 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 129 Resp: 43910
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.6

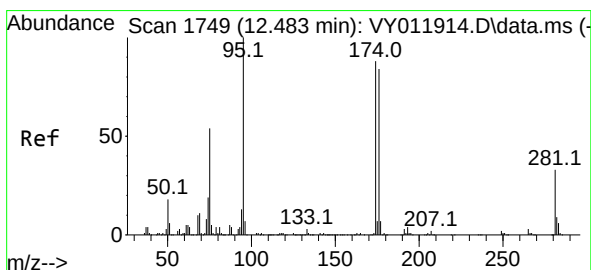
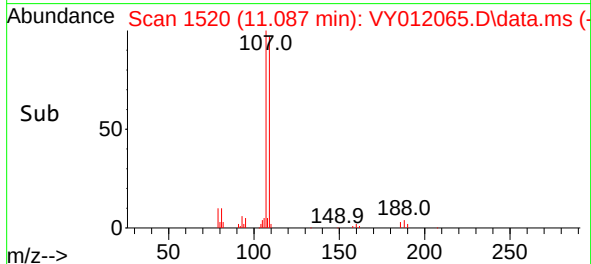
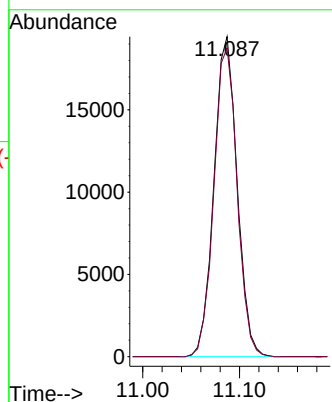
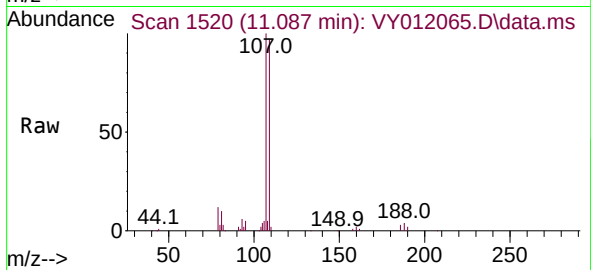




#61
1,2-Dibromoethane
Concen: 23.380 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

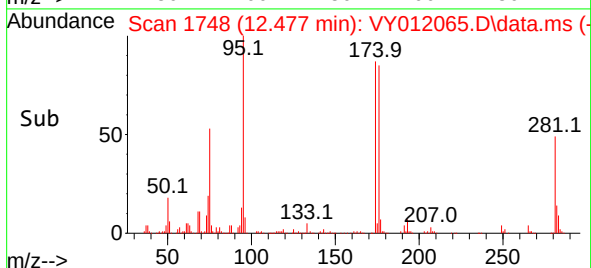
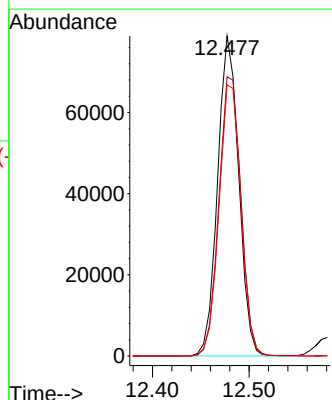
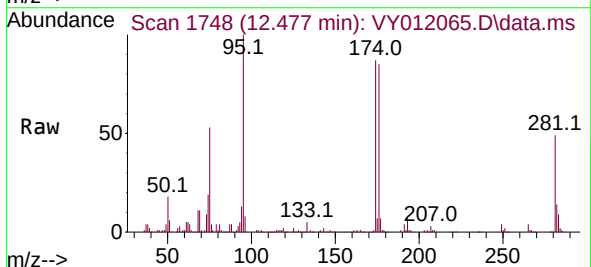
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

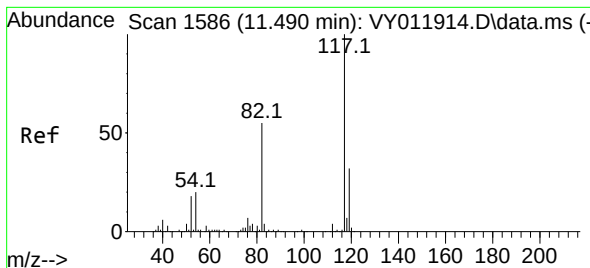
Tgt Ion:107 Resp: 32351
Ion Ratio Lower Upper
107 100
109 96.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.261 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 95 Resp: 119327
Ion Ratio Lower Upper
95 100
174 91.5 0.0 172.0
176 88.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

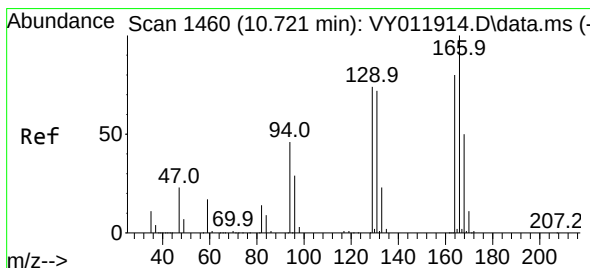
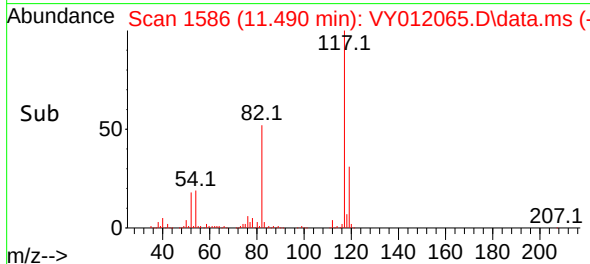
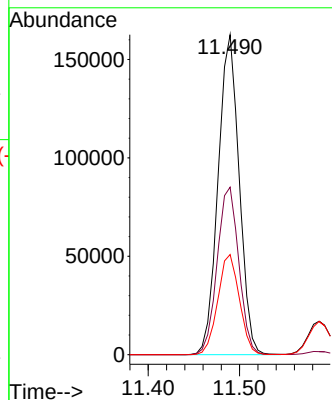
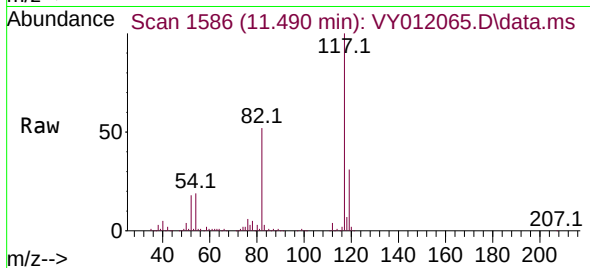
Tgt Ion:117 Resp: 260889

Ion Ratio Lower Upper

117 100

82 52.4 44.8 67.2

119 31.3 25.4 38.2



#64

Tetrachloroethene

Concen: 22.047 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Tgt Ion:164 Resp: 50345

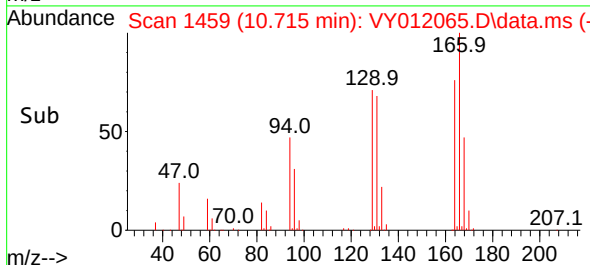
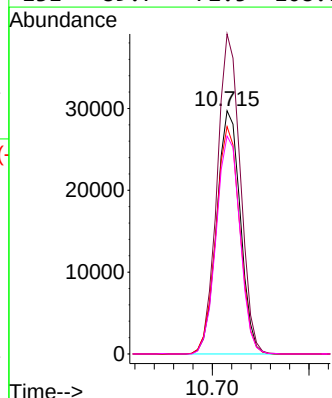
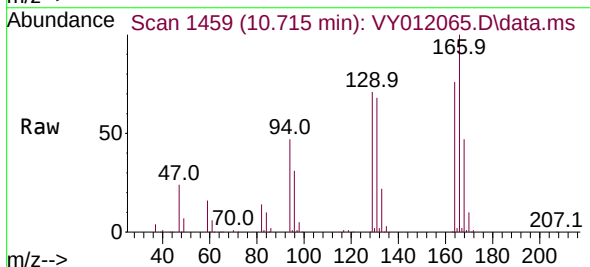
Ion Ratio Lower Upper

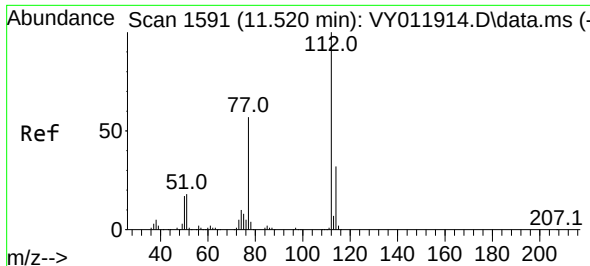
164 100

166 131.6 102.3 153.5

129 93.5 77.2 115.8

131 89.7 72.5 108.7

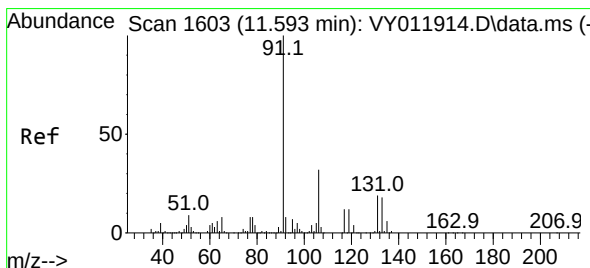
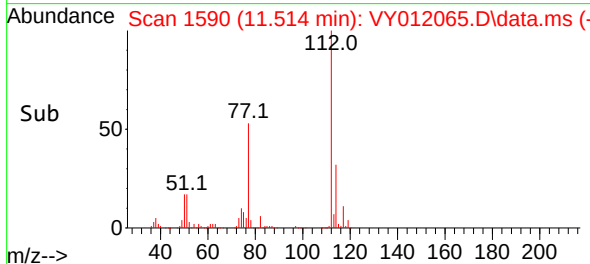
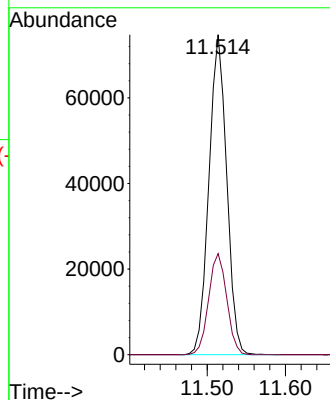
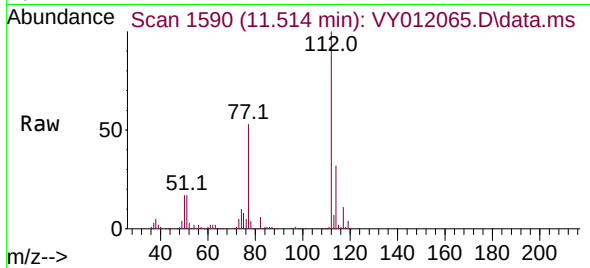




#65
Chlorobenzene
Concen: 21.698 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

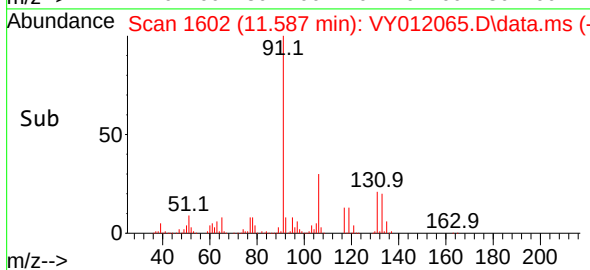
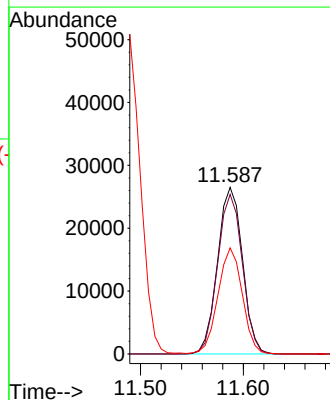
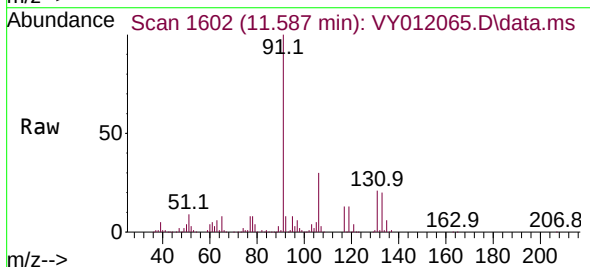
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

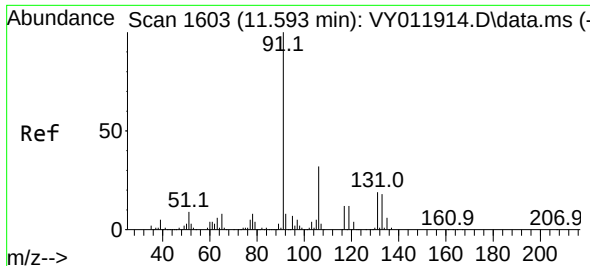
Tgt Ion:112 Resp: 117539
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.163 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:131 Resp: 44669
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 62.0 32.1 96.3





#67

Ethyl Benzene

Concen: 21.106 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

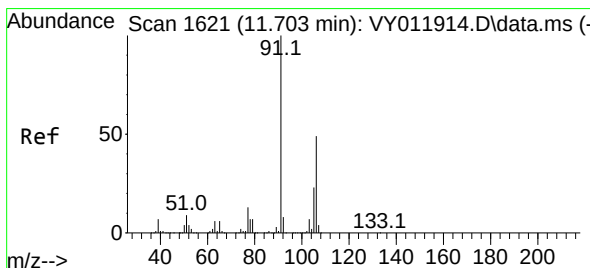
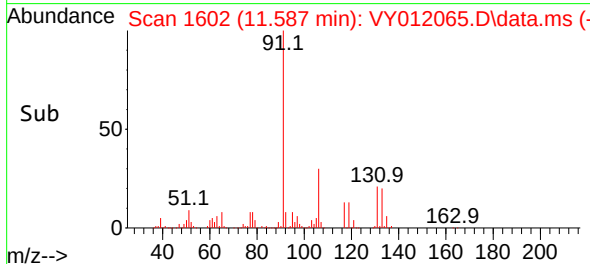
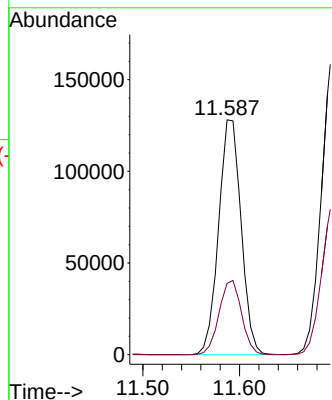
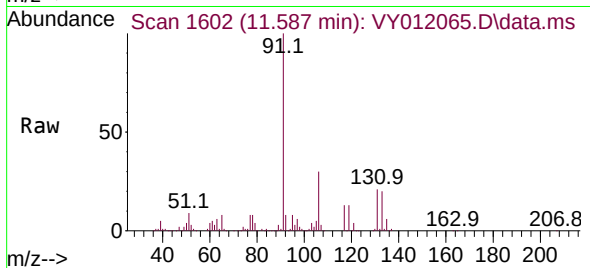
VY0104SBSD01

Tgt Ion: 91 Resp: 206669

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 43.639 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012065.D

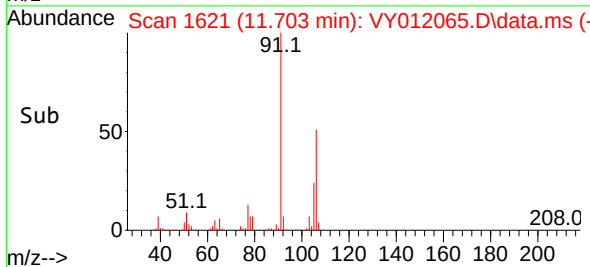
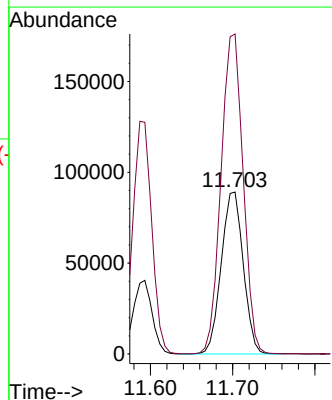
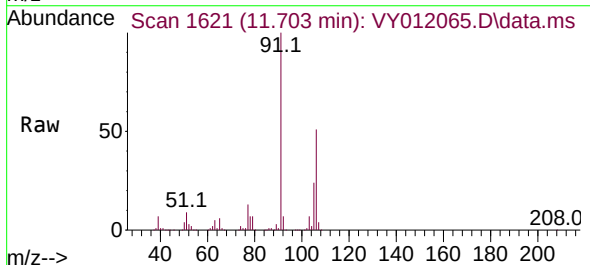
Acq: 04 Jan 2023 12:49

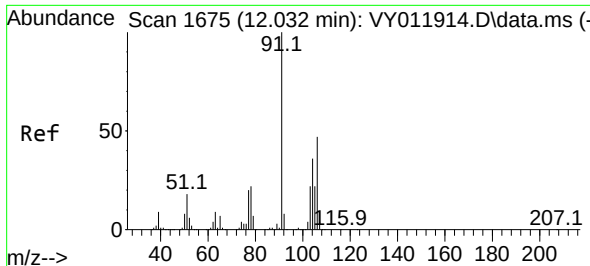
Tgt Ion:106 Resp: 166180

Ion Ratio Lower Upper

106 100

91 198.0 162.5 243.7

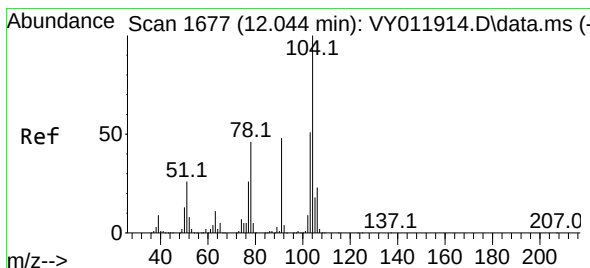
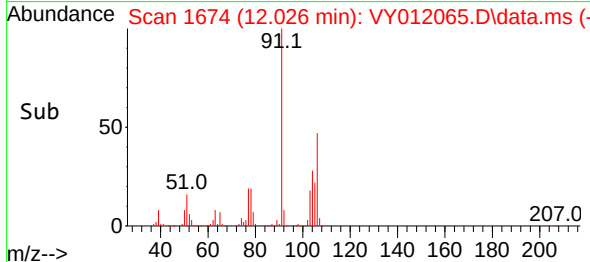
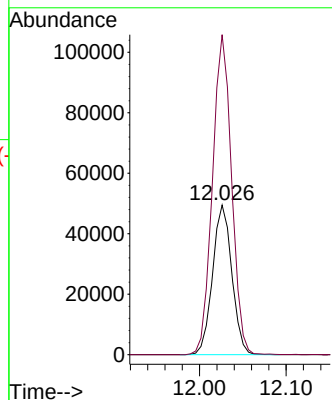
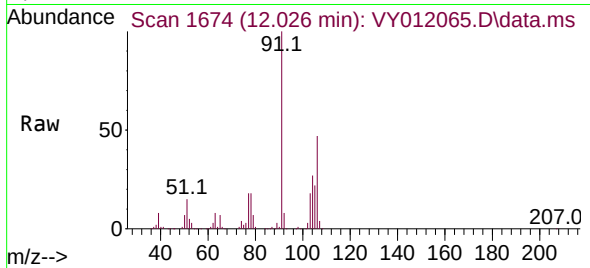




#69
o-Xylene
Concen: 21.580 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

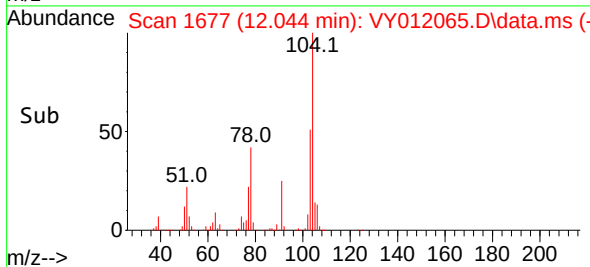
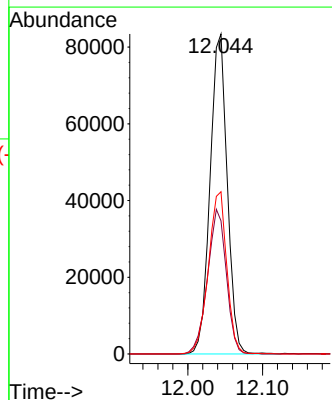
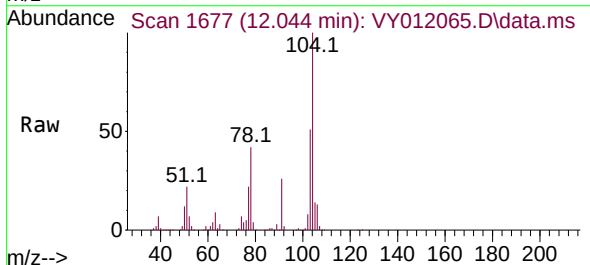
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

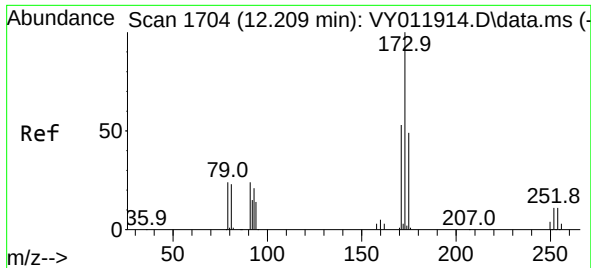
Tgt Ion:106 Resp: 76461
Ion Ratio Lower Upper
106 100
91 212.4 107.5 322.4



#70
Styrene
Concen: 22.353 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:104 Resp: 132985
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.0
103 54.6 43.0 64.4

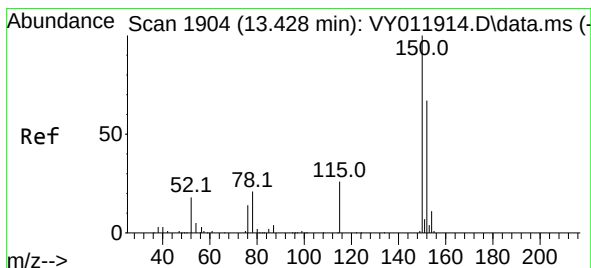
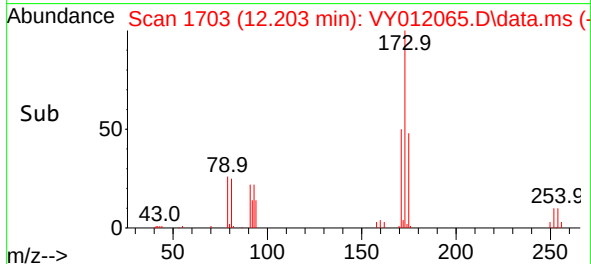
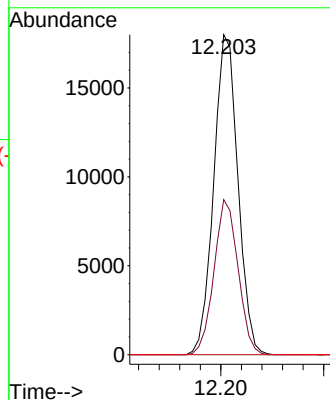
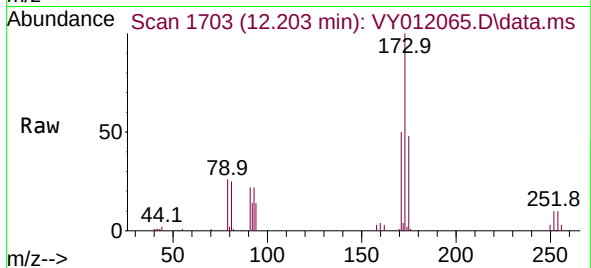




#71
Bromoform
Concen: 24.624 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

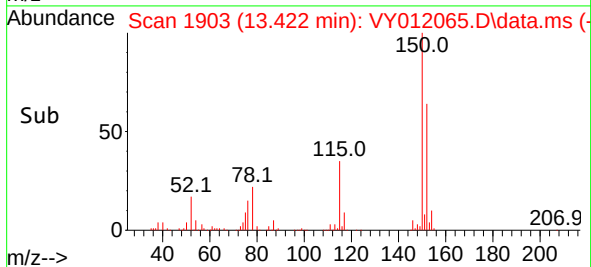
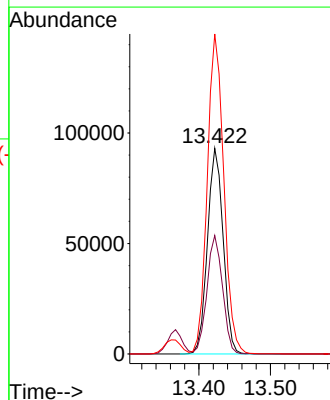
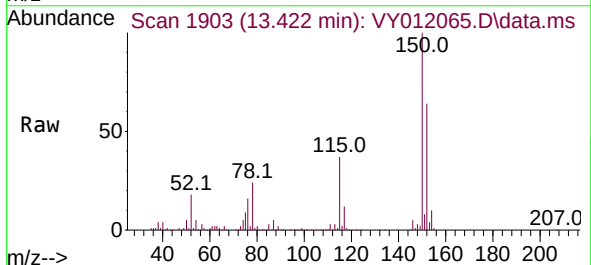
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

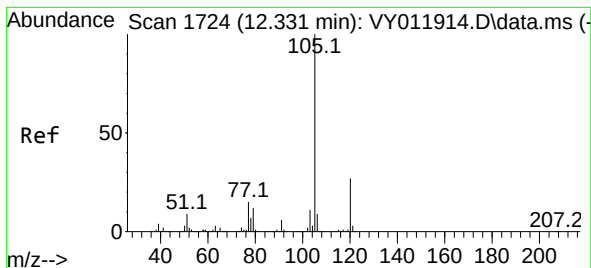
Tgt Ion:173 Resp: 29407
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:152 Resp: 141672
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 163.6 0.0 342.6





#73

Isopropylbenzene

Concen: 19.703 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

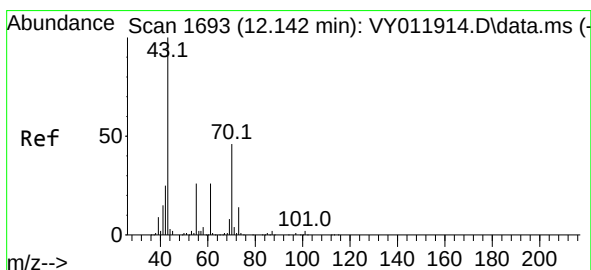
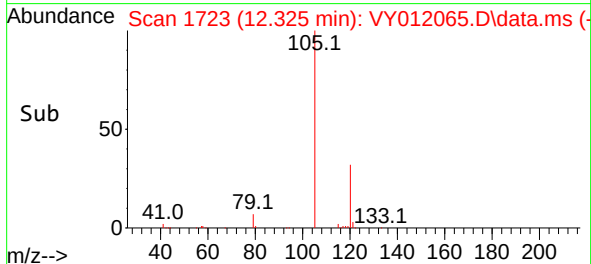
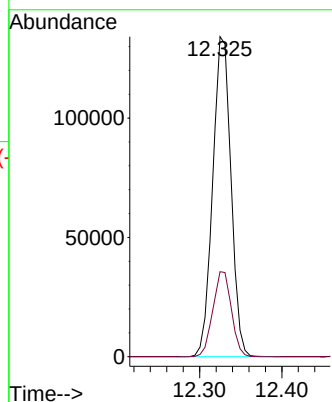
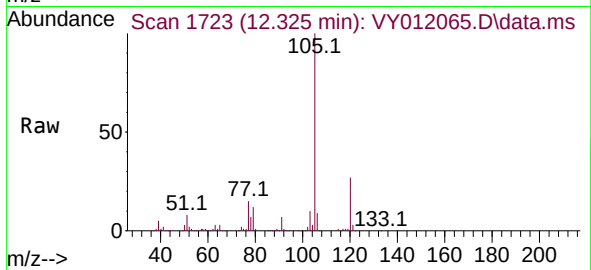
VY0104SBSD01

Tgt Ion:105 Resp: 207138

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-amy1 acetate

Concen: 21.163 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Tgt Ion: 43 Resp: 45613

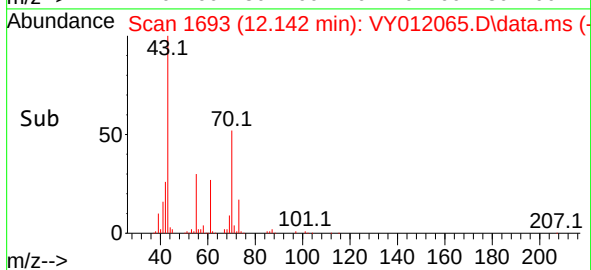
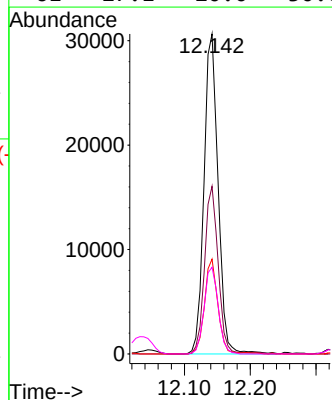
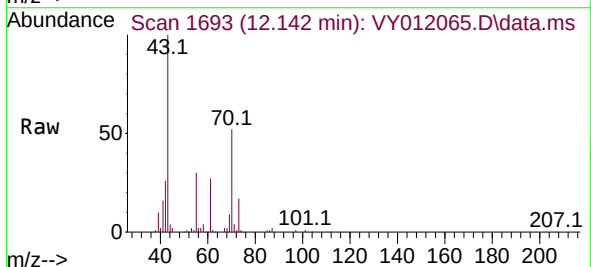
Ion Ratio Lower Upper

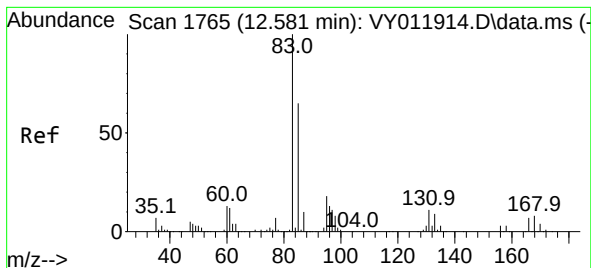
43 100

70 50.5 35.8 53.8

55 28.4 21.0 31.4

61 27.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.843 ug/l

RT: 12.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

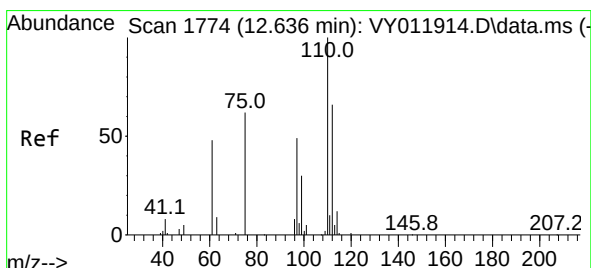
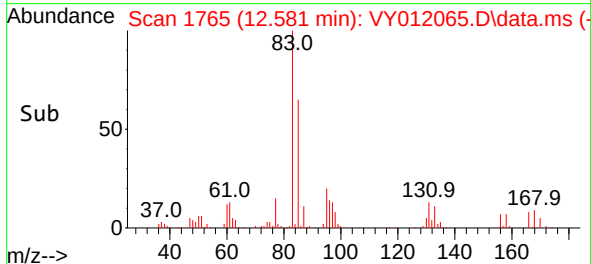
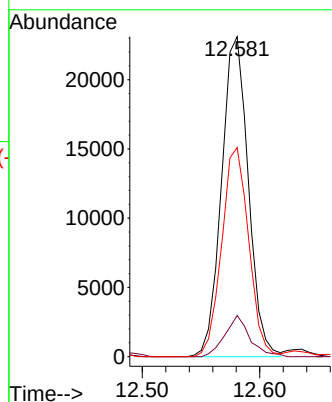
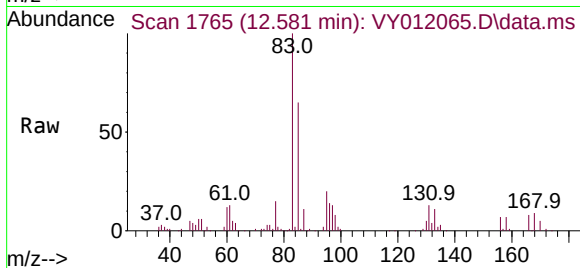
Tgt Ion: 83 Resp: 36555

Ion Ratio Lower Upper

83 100

131 12.0 5.6 16.8

85 65.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 30.338 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012065.D

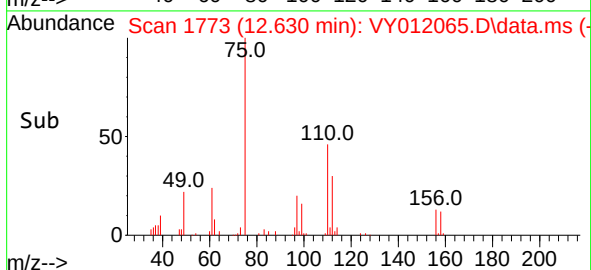
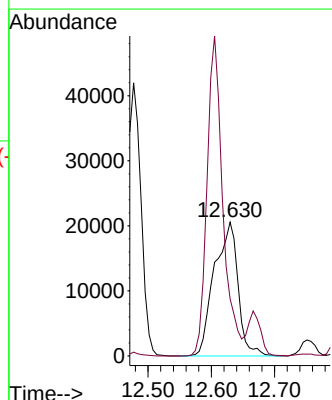
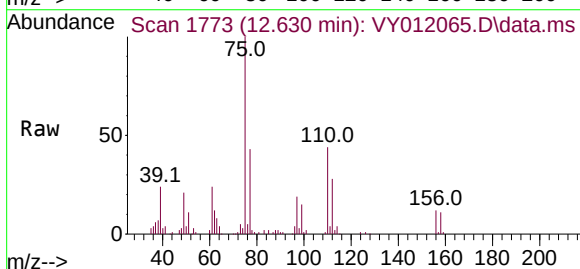
Acq: 04 Jan 2023 12:49

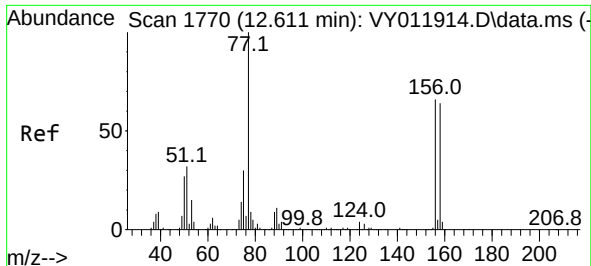
Tgt Ion: 75 Resp: 53482

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

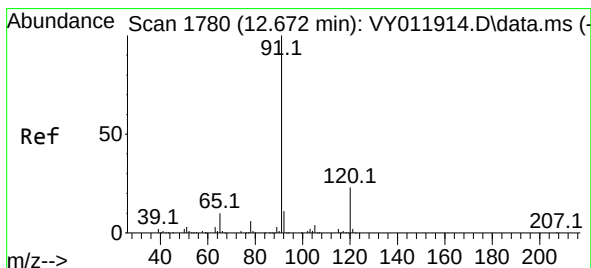
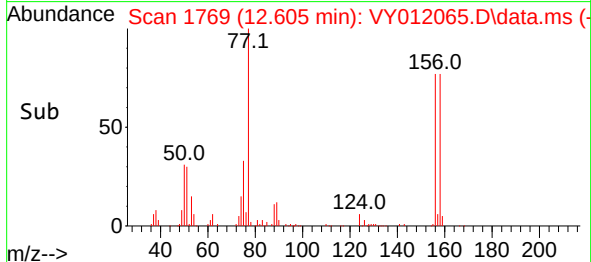
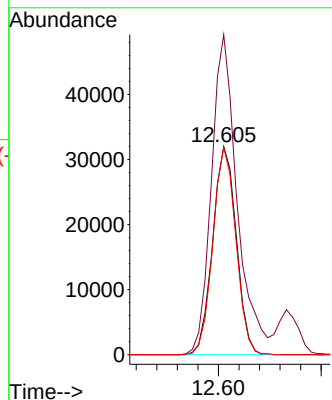
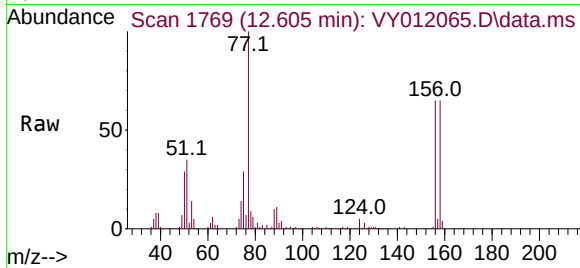




#77
Bromobenzene
Concen: 20.929 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

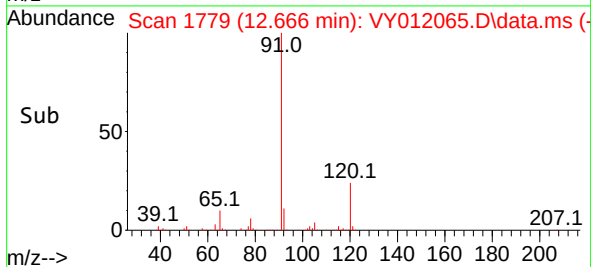
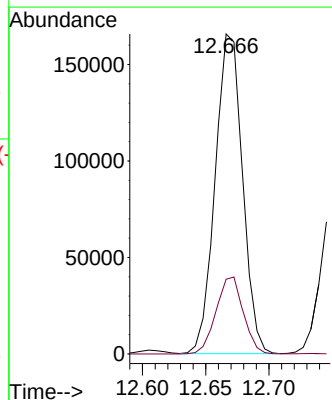
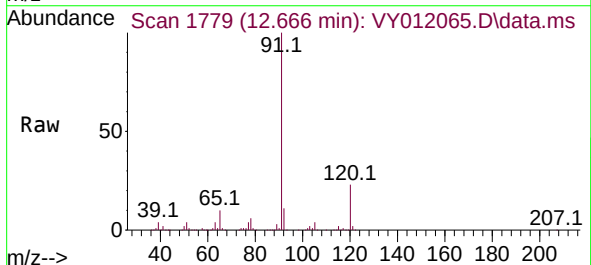
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

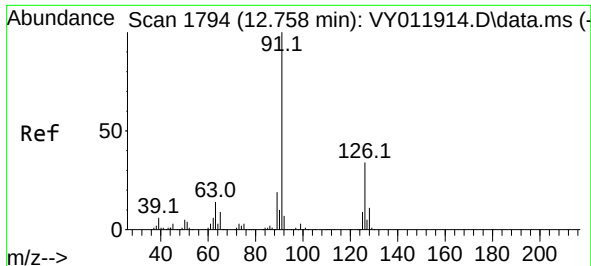
Tgt Ion:156 Resp: 50902
Ion Ratio Lower Upper
156 100
77 168.0 90.0 270.0
158 97.2 48.4 145.2



#78
n-propylbenzene
Concen: 19.693 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 91 Resp: 248857
Ion Ratio Lower Upper
91 100
120 24.0 11.8 35.4

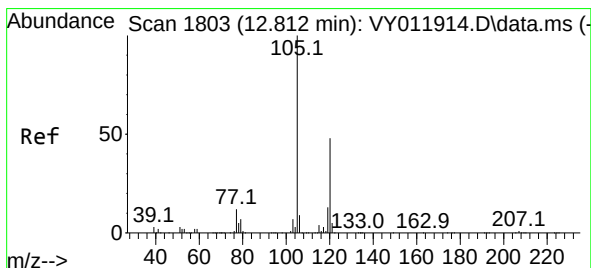
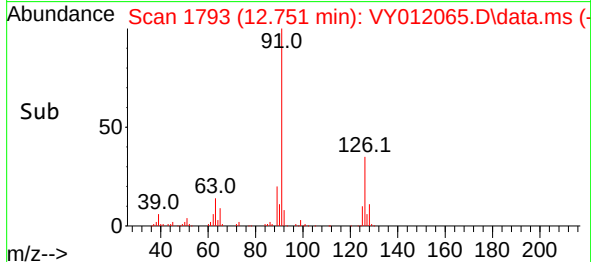
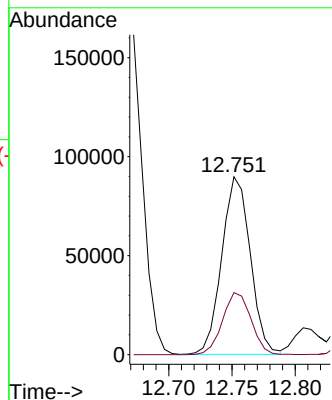
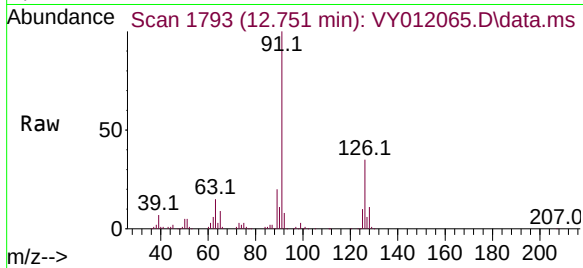




#79
2-Chlorotoluene
Concen: 19.839 ug/l
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

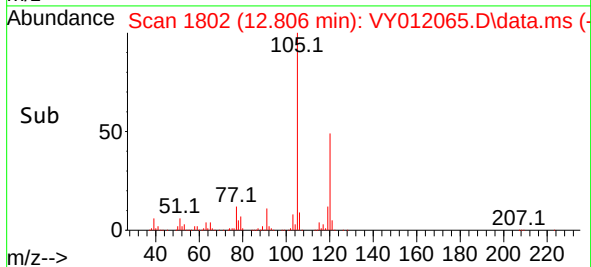
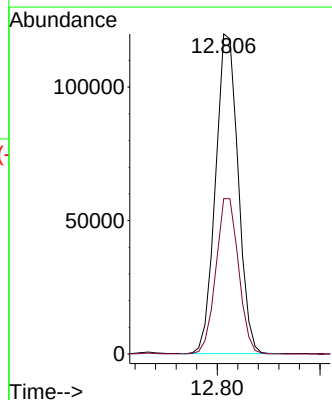
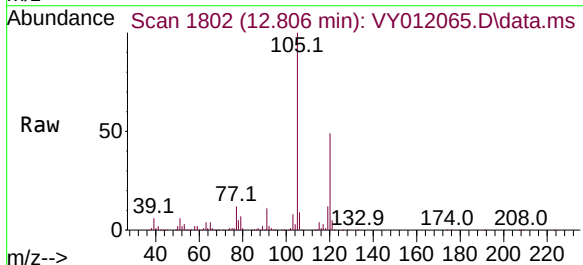
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

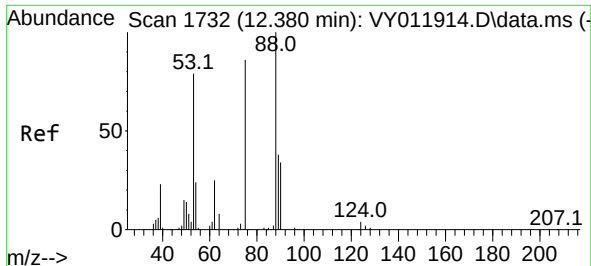
Tgt Ion: 91 Resp: 140920
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 20.311 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:105 Resp: 182818
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

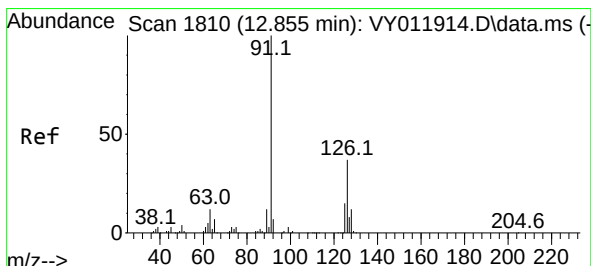
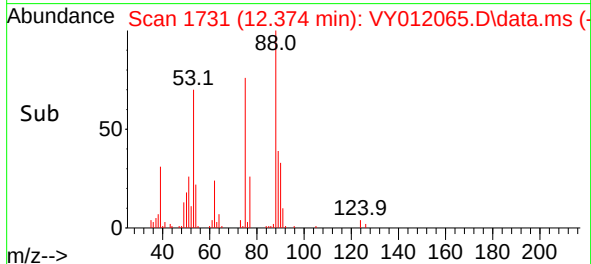
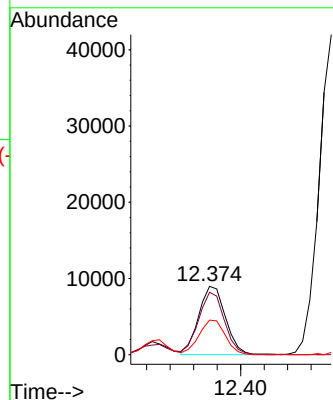
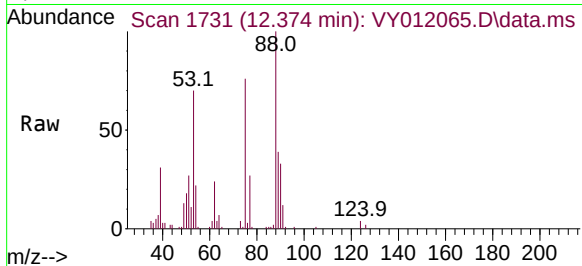




#81
trans-1,4-Dichloro-2-butene
Concen: 22.121 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

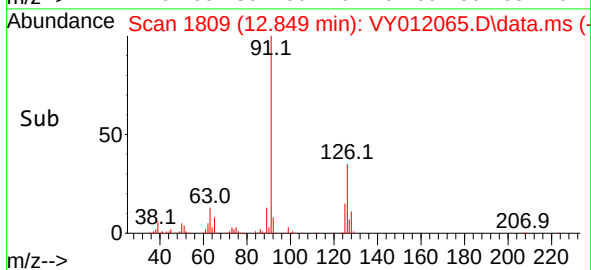
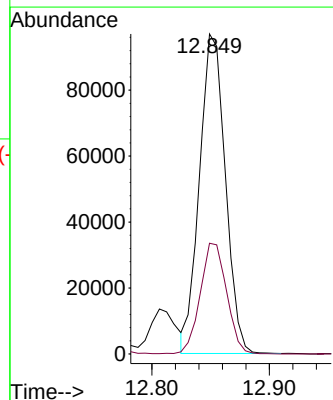
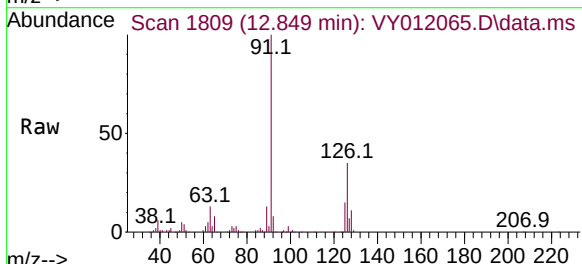
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

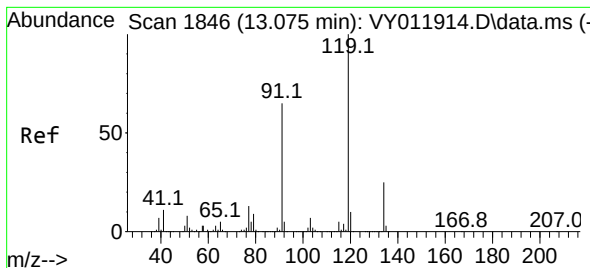
Tgt Ion: 75 Resp: 14240
Ion Ratio Lower Upper
75 100
53 88.2 72.5 108.7
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.180 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 91 Resp: 148313
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.367 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

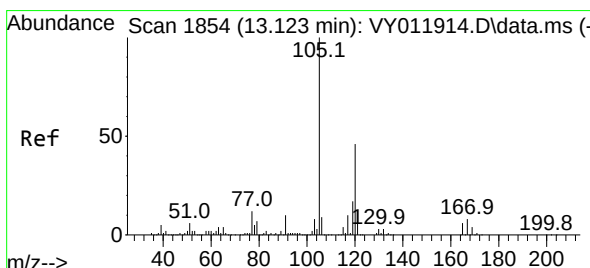
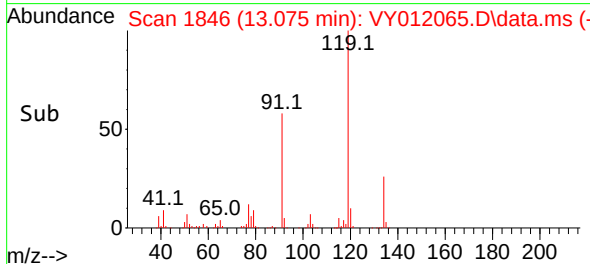
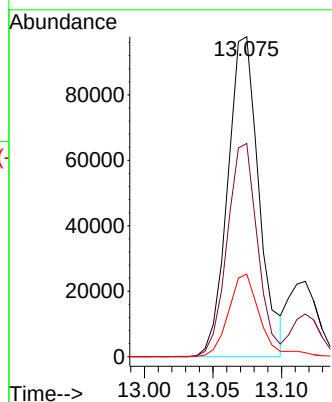
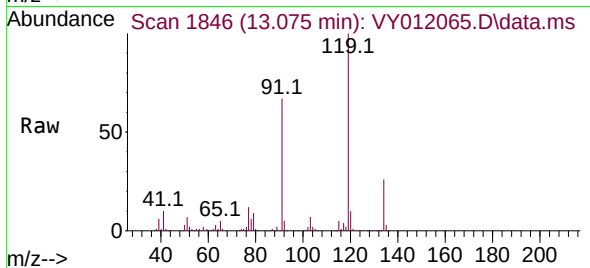
Tgt Ion:119 Resp: 155364

Ion Ratio Lower Upper

119 100

91 64.8 32.3 96.8

134 26.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.587 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012065.D

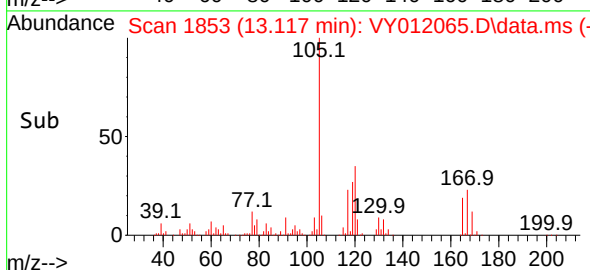
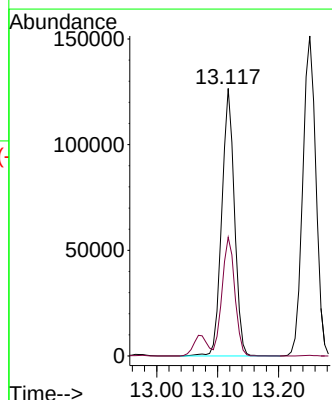
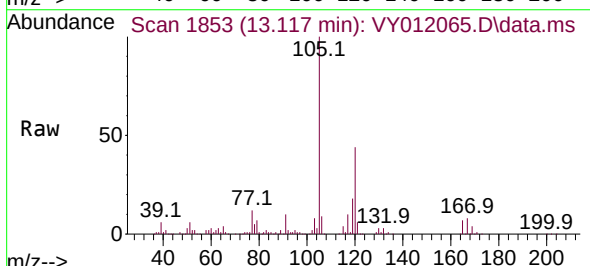
Acq: 04 Jan 2023 12:49

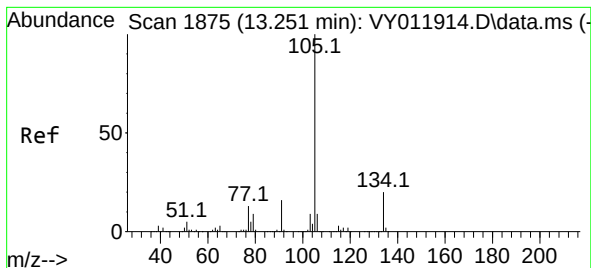
Tgt Ion:105 Resp: 182292

Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.857 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

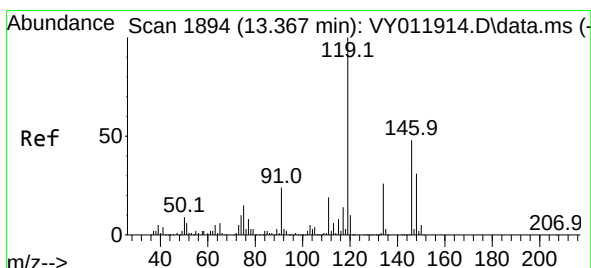
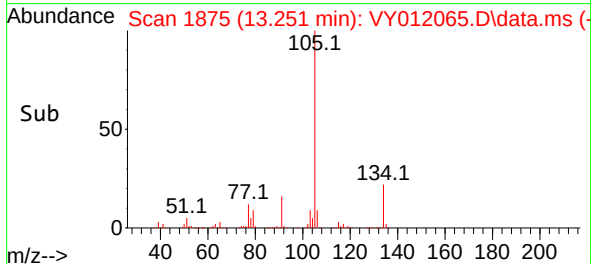
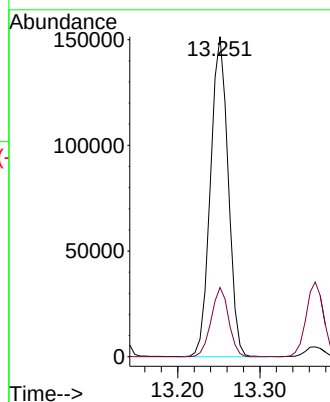
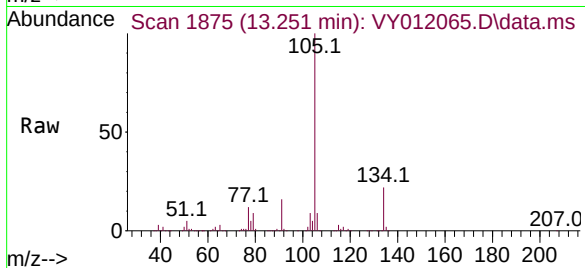
VY0104SBSD01

Tgt Ion:105 Resp: 226182

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.468 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

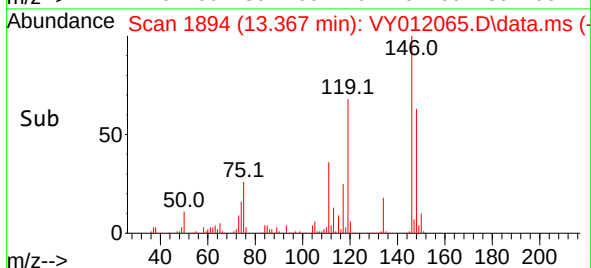
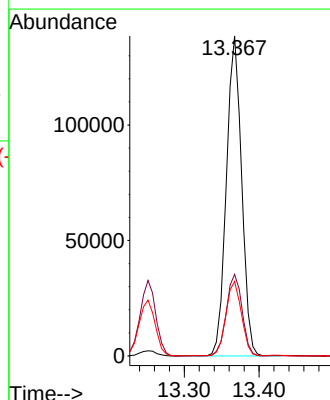
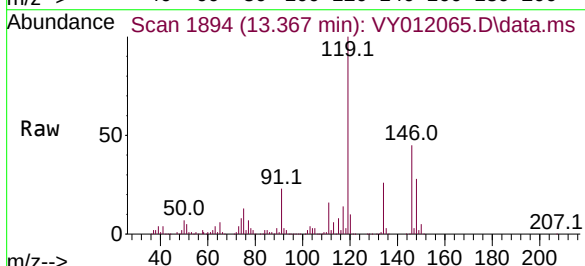
Tgt Ion:119 Resp: 196728

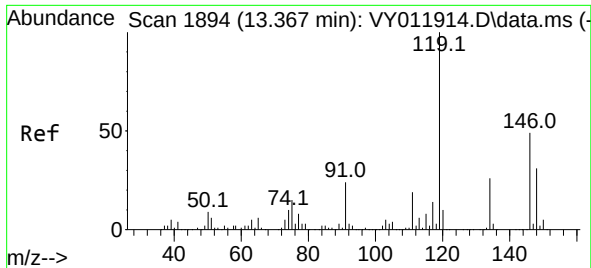
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.721 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

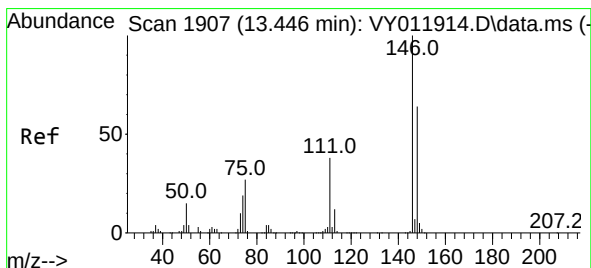
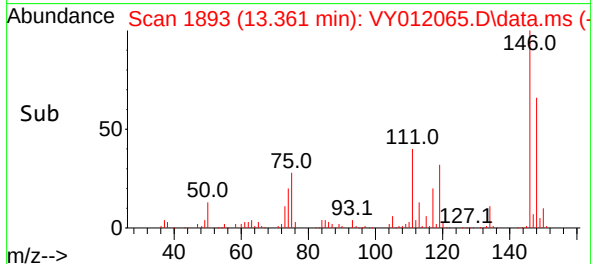
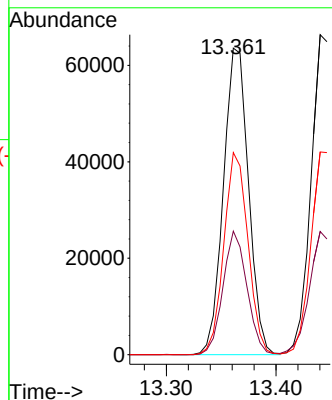
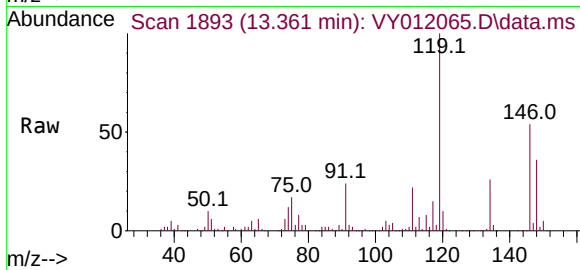
Tgt Ion:146 Resp: 101352

Ion Ratio Lower Upper

146 100

111 38.4 19.7 59.0

148 63.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.781 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

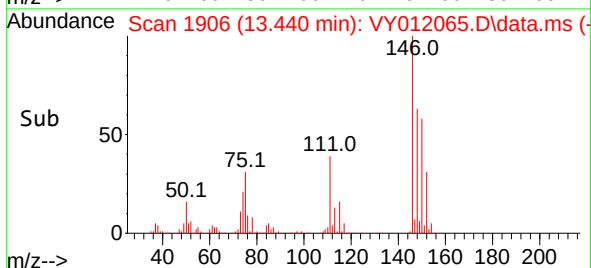
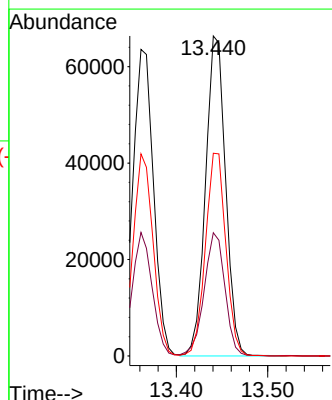
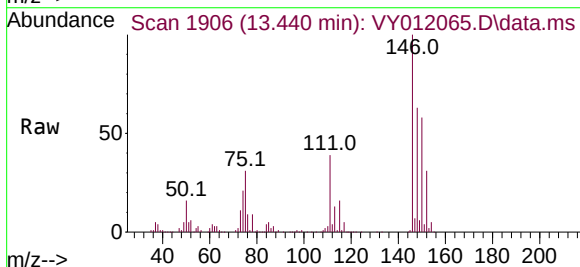
Tgt Ion:146 Resp: 101051

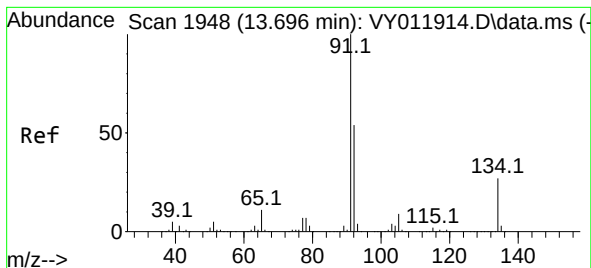
Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 19.814 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

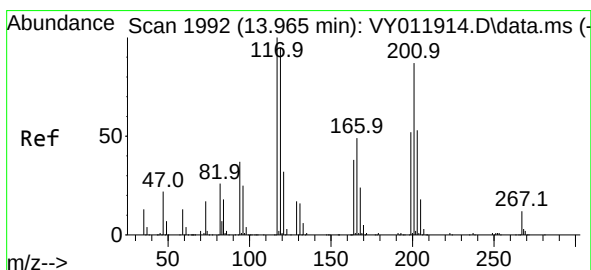
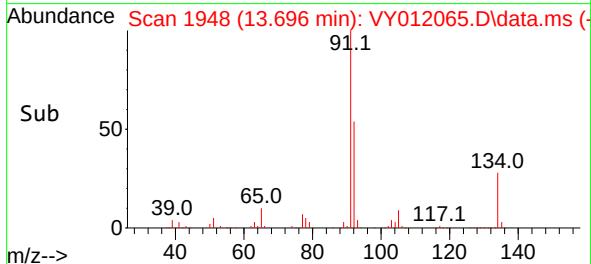
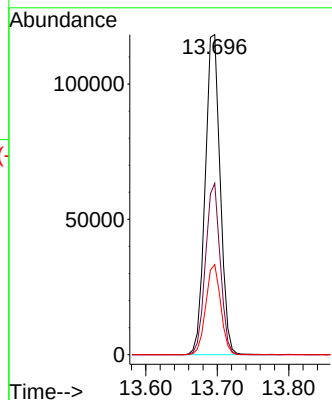
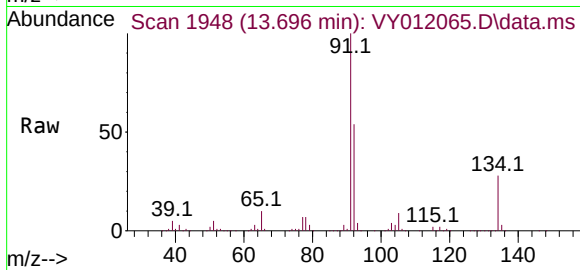
Tgt Ion: 91 Resp: 172395

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.4

134 28.0 13.3 39.8



#90

Hexachloroethane

Concen: 19.798 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012065.D

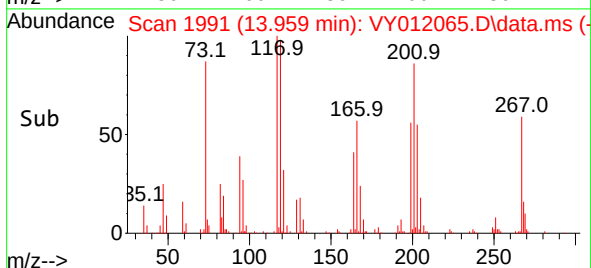
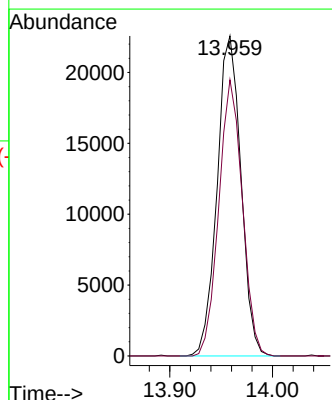
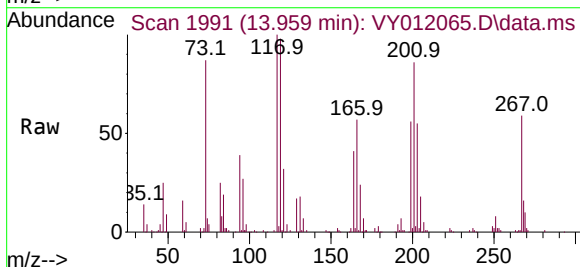
Acq: 04 Jan 2023 12:49

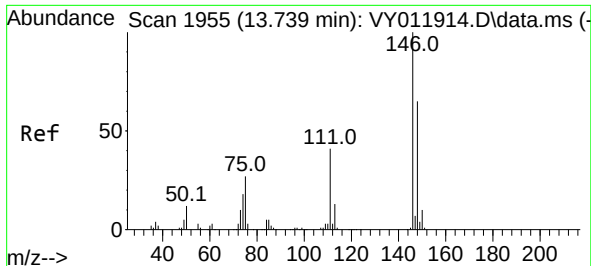
Tgt Ion: 117 Resp: 36307

Ion Ratio Lower Upper

117 100

201 85.0 40.3 120.8

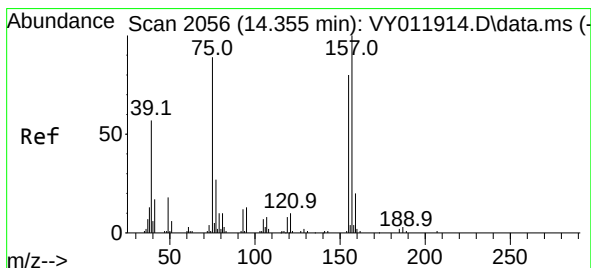
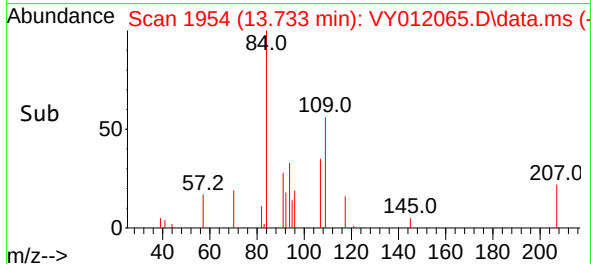
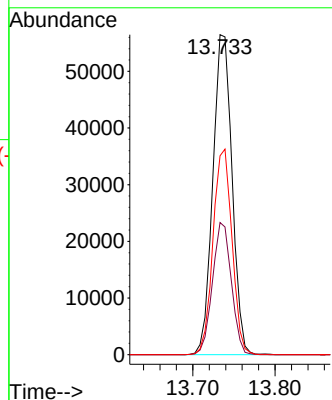
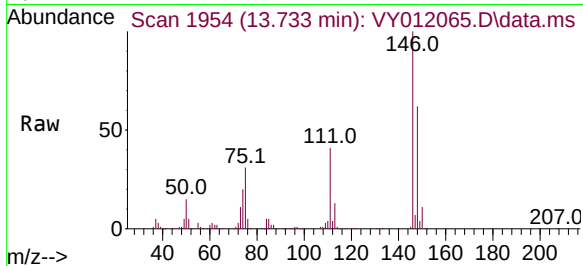




#91
1,2-Dichlorobenzene
Concen: 21.528 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

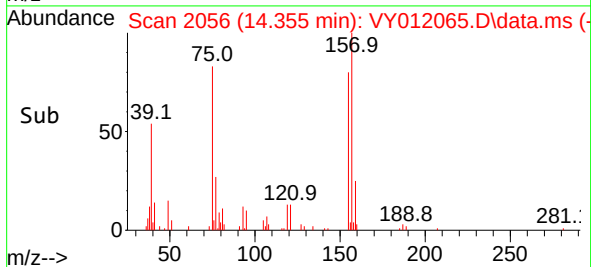
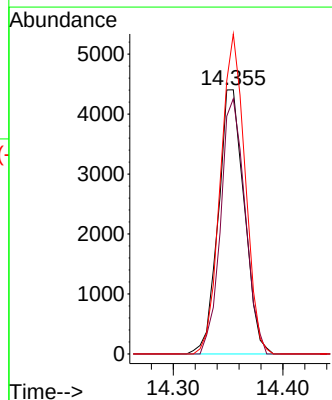
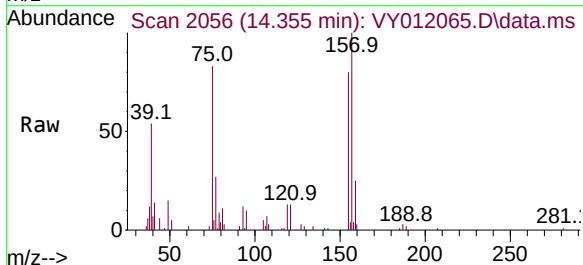
Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBS01

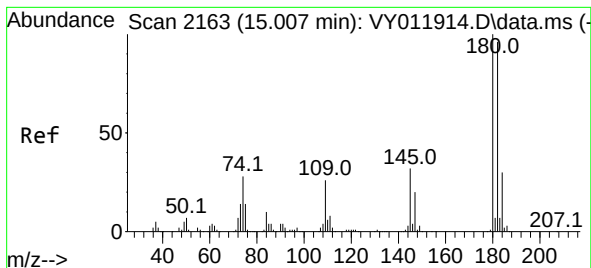
Tgt Ion:146 Resp: 91803
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.091 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 75 Resp: 7261
Ion Ratio Lower Upper
75 100
155 90.7 42.3 126.8
157 114.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 23.158 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0104SBSD01

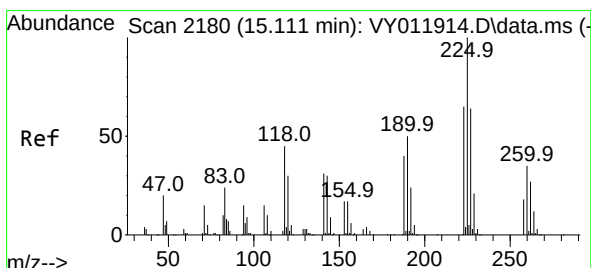
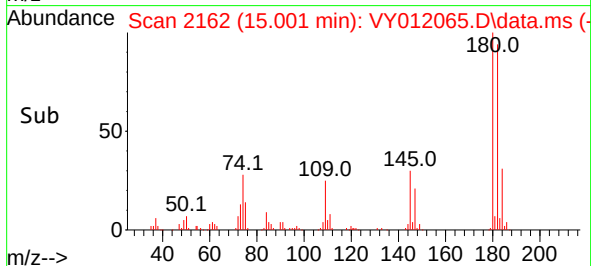
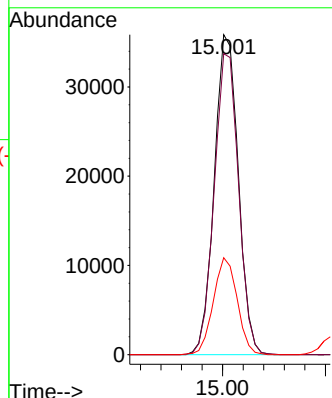
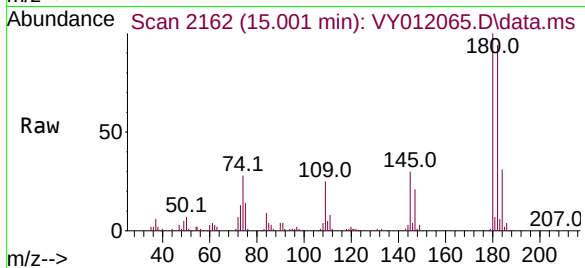
Tgt Ion:180 Resp: 58092

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 30.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 21.235 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012065.D

Acq: 04 Jan 2023 12:49

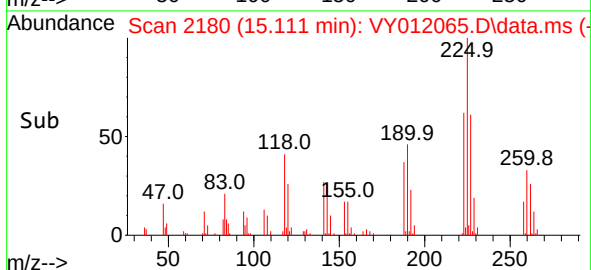
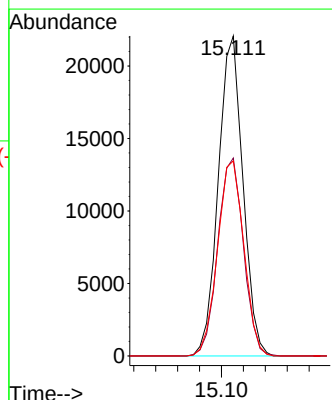
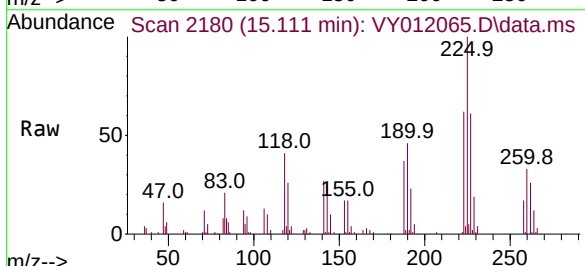
Tgt Ion:225 Resp: 34419

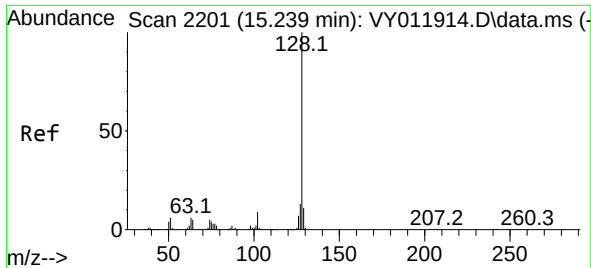
Ion Ratio Lower Upper

225 100

223 64.5 31.4 94.2

227 65.0 32.6 97.8

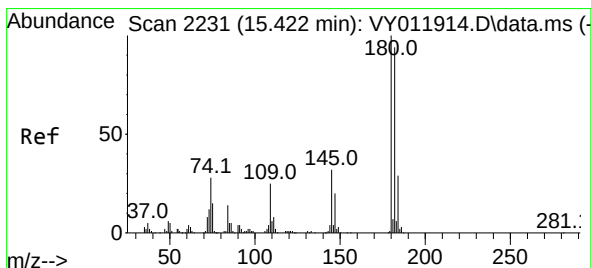
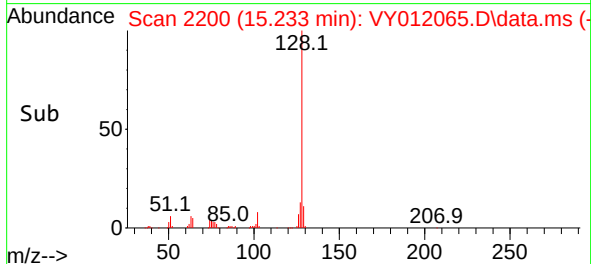
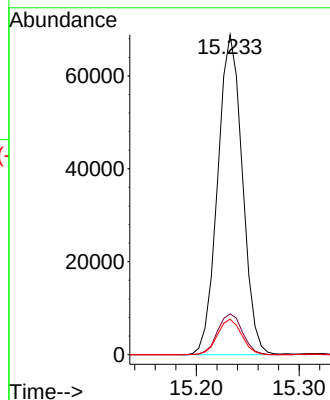
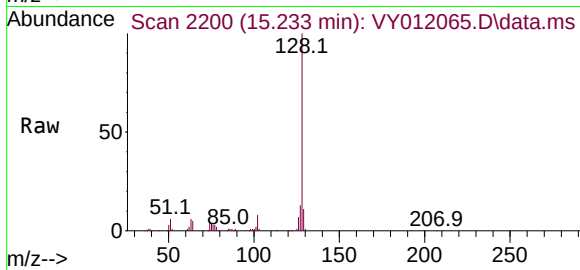




#95
Naphthalene
Concen: 23.566 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0104SBSD01

Tgt Ion:128 Resp: 114844
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.737 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012065.D
Acq: 04 Jan 2023 12:49

Tgt Ion:180 Resp: 50342
Ion Ratio Lower Upper
180 100
182 98.4 47.9 143.7
145 33.5 16.1 48.2

