

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011830.D
 Acq On : 14 Dec 2022 06:32
 Operator : KP/MD
 Sample : N6037-19MSD
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-25-(7-9)MSD

Quant Time: Dec 14 07:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	68513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	89240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23094	49.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.722	113	23469	50.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.560%
50) Toluene-d8	10.179	98	69303	44.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.483	95	23492	37.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16435	54.780	ug/l	97
3) Chloromethane	2.113	50	20447	56.343	ug/l	99
4) Vinyl Chloride	2.253	62	24208	55.737	ug/l	95
5) Bromomethane	2.656	94	14853	50.546	ug/l	99
6) Chloroethane	2.796	64	17169	50.535	ug/l	96
7) Trichlorofluoromethane	3.131	101	48811	51.826	ug/l	96
8) Diethyl Ether	3.534	74	17246	52.278	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	30206	53.726	ug/l	99
10) Methyl Iodide	4.095	142	39063	59.342	ug/l	98
11) Tert butyl alcohol	4.948	59	16154	293.259	ug/l	99
12) 1,1-Dichloroethene	3.875	96	25878	51.037	ug/l	97
13) Acrolein	3.735	56	15336	158.786	ug/l	100
14) Allyl chloride	4.485	41	38842	46.117	ug/l	96
15) Acrylonitrile	5.168	53	47782	269.853	ug/l	99
16) Acetone	3.948	43	40399	215.948	ug/l	97
17) Carbon Disulfide	4.198	76	51257	44.265	ug/l	99
18) Methyl Acetate	4.479	43	45714	104.536	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	87152	54.896	ug/l	100
20) Methylene Chloride	4.716	84	44169	68.497	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	27124	47.595	ug/l	92
22) Diisopropyl ether	6.119	45	95224	51.820	ug/l	98
23) Vinyl Acetate	6.064	43	68541	65.381	ug/l	99
24) 1,1-Dichloroethane	6.021	63	58909	52.755	ug/l	100
25) 2-Butanone	6.990	43	58310	242.314	ug/l	96
26) 2,2-Dichloropropane	6.984	77	49560	47.174	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	34374	49.352	ug/l	99
28) Bromochloromethane	7.338	49	21860	53.772	ug/l	98
29) Tetrahydrofuran	7.350	42	38748	282.904	ug/l	98
30) Chloroform	7.509	83	63987	53.600	ug/l	99
31) Cyclohexane	7.789	56	41818	52.564	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	56942	53.484	ug/l	98
36) 1,1-Dichloropropene	7.923	75	40301	50.526	ug/l	99
37) Ethyl Acetate	7.076	43	20175	43.264	ug/l	99
38) Carbon Tetrachloride	7.905	117	51018	54.451	ug/l	90
39) Methylcyclohexane	9.185	83	43876	48.887	ug/l	99
40) Benzene	8.161	78	124997	52.456	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34125	144.960	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	41078	55.746	ug/l	100
43) Isopropyl Acetate	8.271	43	40144	47.475	ug/l	97
44) Trichloroethene	8.941	130	33147	49.668	ug/l	99
45) 1,2-Dichloropropane	9.216	63	33479	54.284	ug/l	99
46) Dibromomethane	9.307	93	18578	53.813	ug/l	99
47) Bromodichloromethane	9.496	83	48879	54.804	ug/l	97
48) Methyl methacrylate	9.295	41	23497	63.040	ug/l	100
49) 1,4-Dioxane	9.295	88	5826	1218.154	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	133402	286.315	ug/l	100
52) Toluene	10.246	92	75240	49.668	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	43520	48.851	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	49678	49.631	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	29337	57.494	ug/l	99
56) Ethyl methacrylate	10.508	69	24909	37.816	ug/l	97
57) 1,3-Dichloropropane	10.795	76	46660	54.858	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	74215	242.980	ug/l	99
59) 2-Hexanone	10.831	43	85088	255.597	ug/l	99
60) Dibromochloromethane	10.984	129	34655	54.225	ug/l	100
61) 1,2-Dibromoethane	11.093	107	24748	53.536	ug/l	99
64) Tetrachloroethene	10.721	164	34585	54.777	ug/l	97
65) Chlorobenzene	11.520	112	76829	47.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35530	56.958	ug/l	99
67) Ethyl Benzene	11.593	91	139037	49.073	ug/l	100
68) m/p-Xylenes	11.703	106	106944	98.563	ug/l	98
69) o-Xylene	12.032	106	51668	49.958	ug/l	100
70) Styrene	12.044	104	81867	46.379	ug/l	99
71) Bromoform	12.209	173	21349	55.486	ug/l	98
73) Isopropylbenzene	12.331	105	141988	61.077	ug/l	99
74) N-amyl acetate	12.148	43	18675	33.412	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	31946	70.561	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	39832	109.723	ug/l #	100
77) Bromobenzene	12.611	156	30431	56.064	ug/l	97
78) n-propylbenzene	12.672	91	156446	56.156	ug/l	98
79) 2-Chlorotoluene	12.758	91	87836	55.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	111962	56.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9196	57.483	ug/l	97
82) 4-Chlorotoluene	12.855	91	84545	51.266	ug/l	100
83) tert-Butylbenzene	13.075	119	107170	62.636	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	106745	55.173	ug/l	98
85) sec-Butylbenzene	13.258	105	144820	56.834	ug/l	100
86) p-Isopropyltoluene	13.373	119	115070	54.258	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	52353	47.929	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	49994	46.051	ug/l	99
89) n-Butylbenzene	13.697	91	87315	45.290	ug/l	98
90) Hexachloroethane	13.965	117	23664	56.153	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	48326	49.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4338	54.957	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	15671	27.335	ug/l	97
94) Hexachlorobutadiene	15.111	225	13322	36.573	ug/l	99
95) Naphthalene	15.239	128	33888	30.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	13279	26.815	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

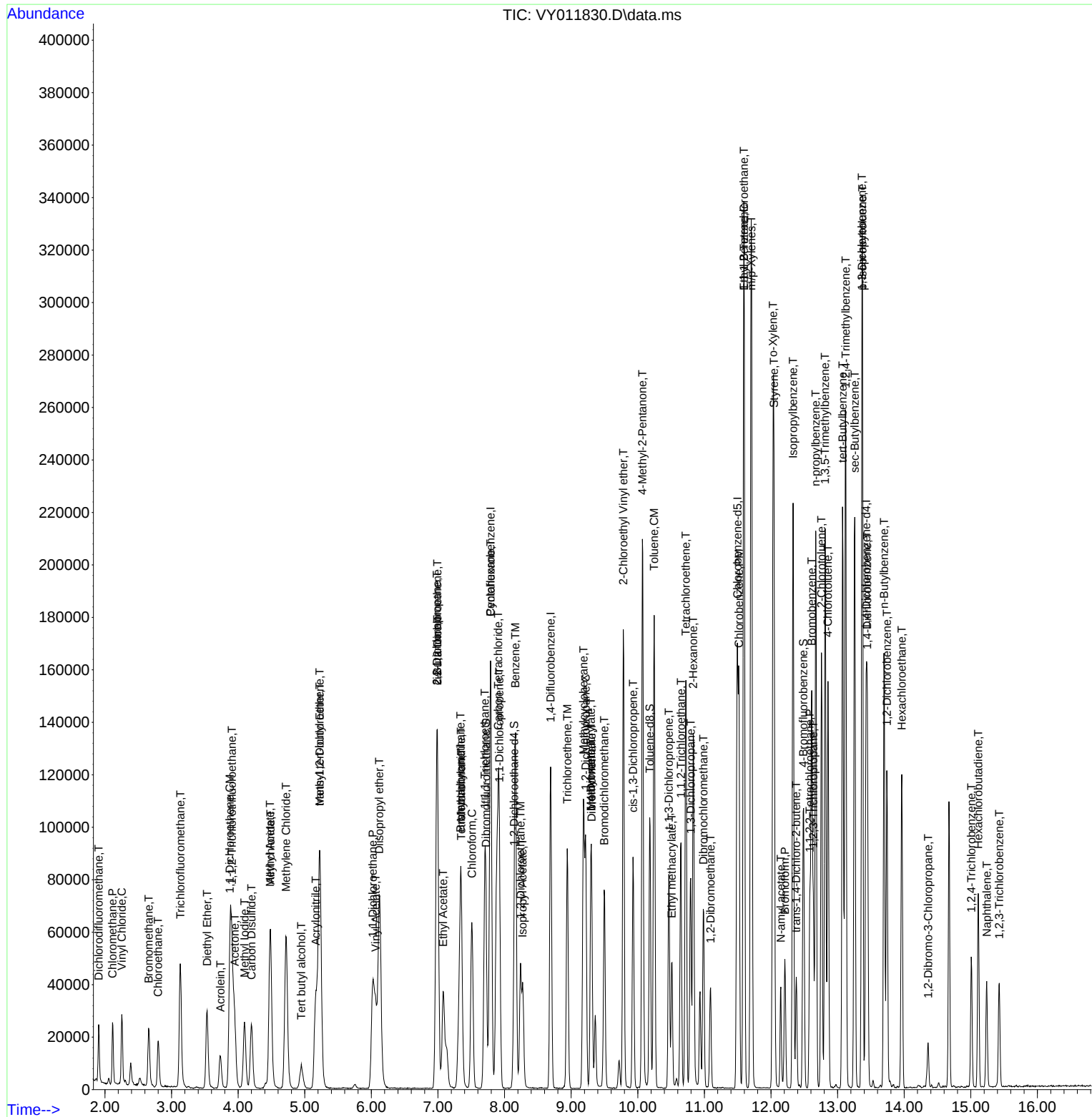
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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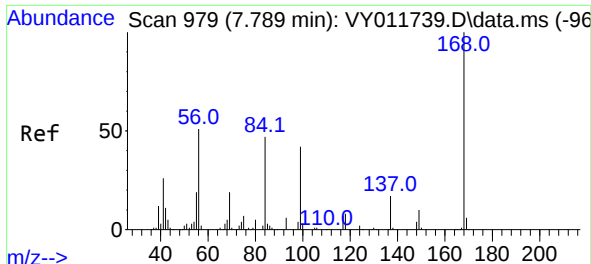
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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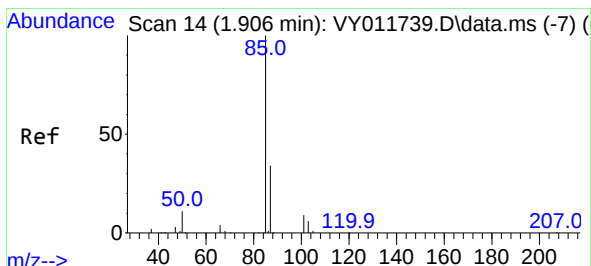
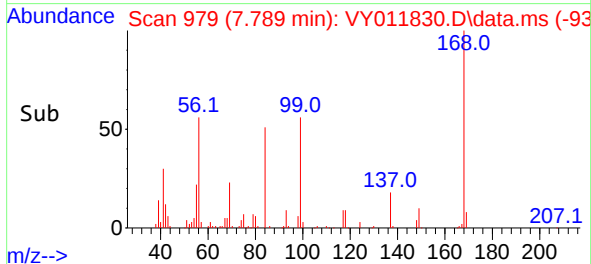
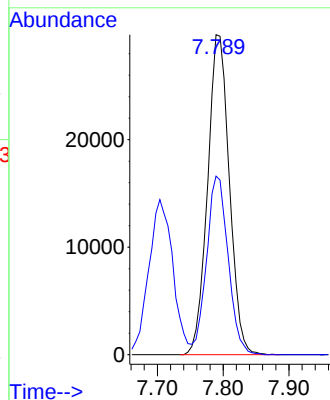
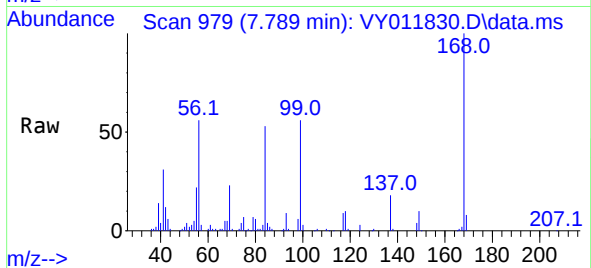




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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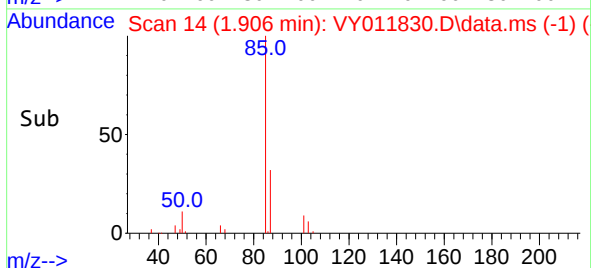
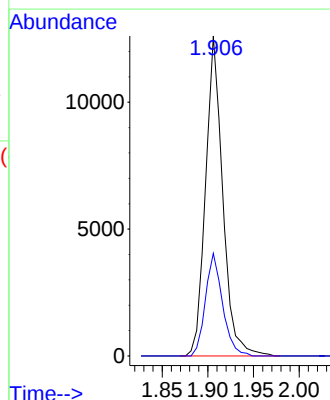
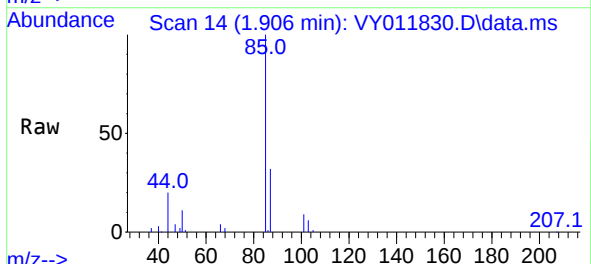
Instrument :
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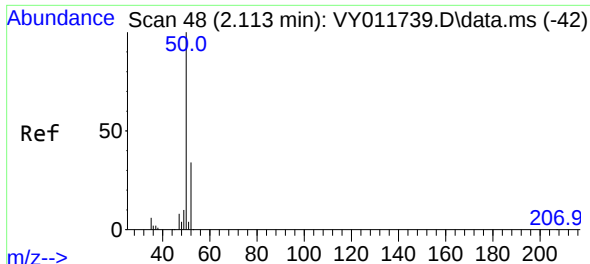
Tgt Ion:168 Resp: 68513
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 54.780 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 85 Resp: 16435
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.4

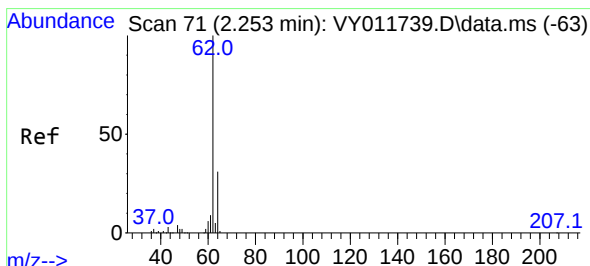
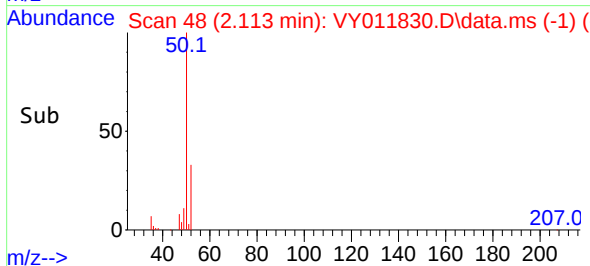
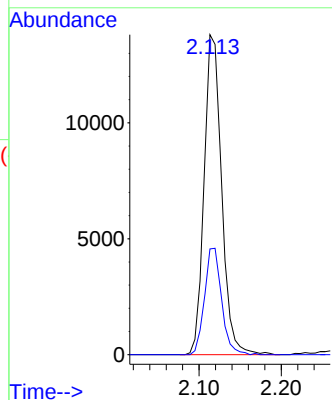
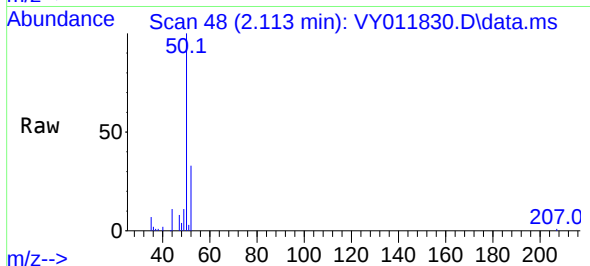




#3
Chloromethane
Concen: 56.343 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011830.D
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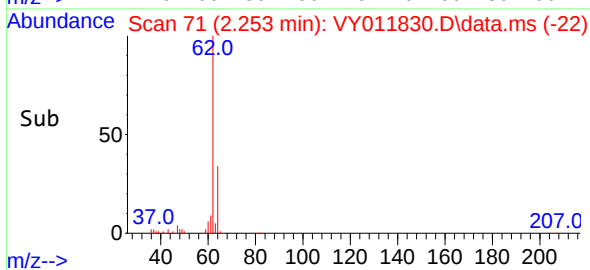
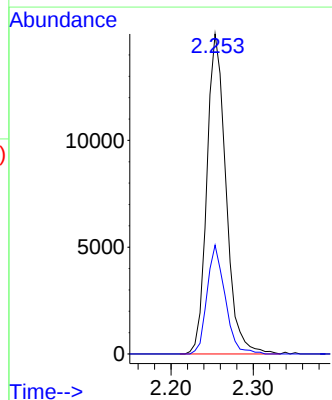
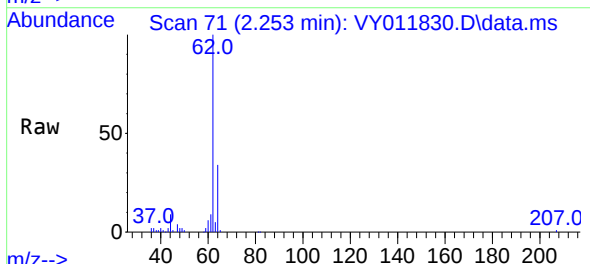
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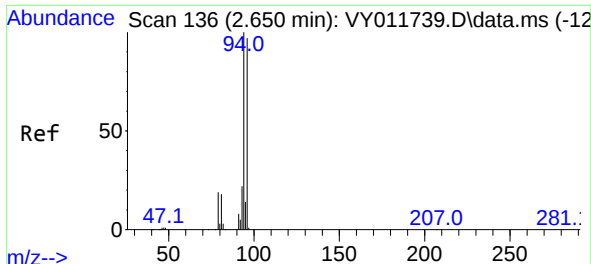
Tgt Ion: 50 Resp: 20447
Ion Ratio Lower Upper
50 100
52 33.0 26.8 40.2



#4
Vinyl Chloride
Concen: 55.737 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 62 Resp: 24208
Ion Ratio Lower Upper
62 100
64 34.0 25.0 37.6

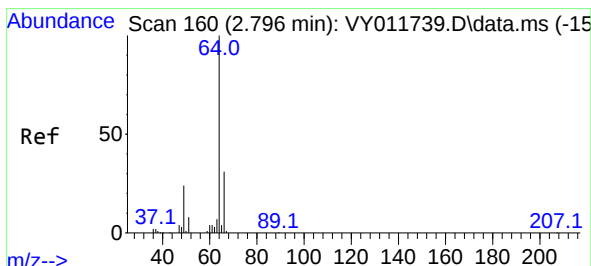
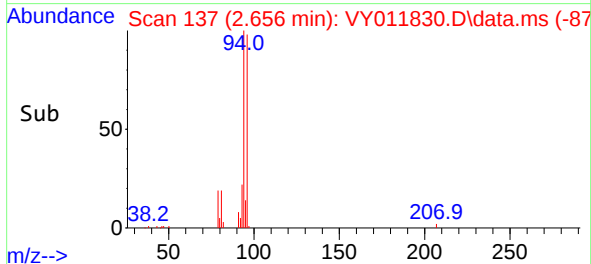
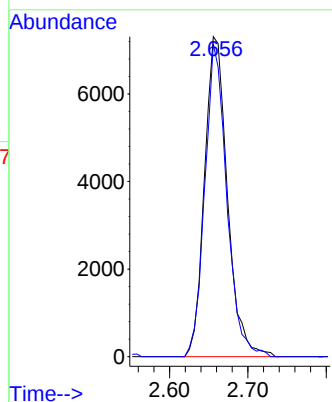
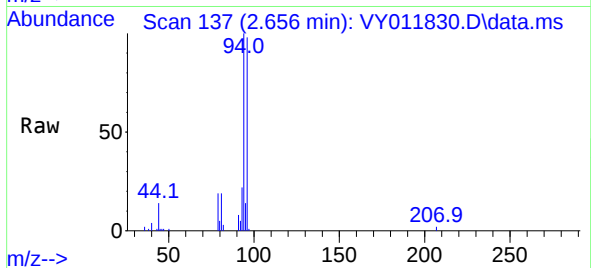




#5
Bromomethane
Concen: 50.546 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011830.D
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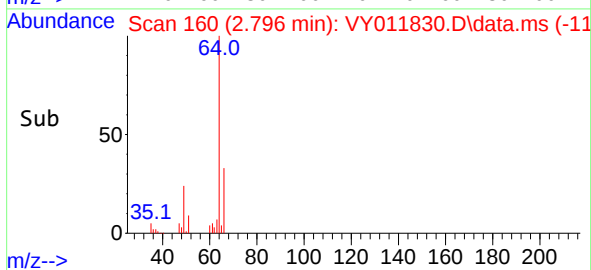
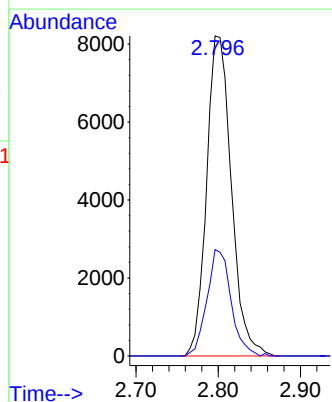
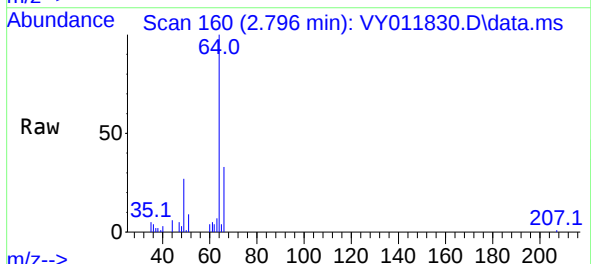
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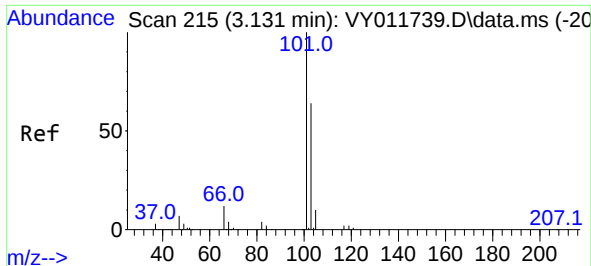
Tgt Ion: 94 Resp: 14853
Ion Ratio Lower Upper
94 100
96 97.6 77.4 116.2



#6
Chloroethane
Concen: 50.535 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 17169
Ion Ratio Lower Upper
64 100
66 33.3 25.0 37.4

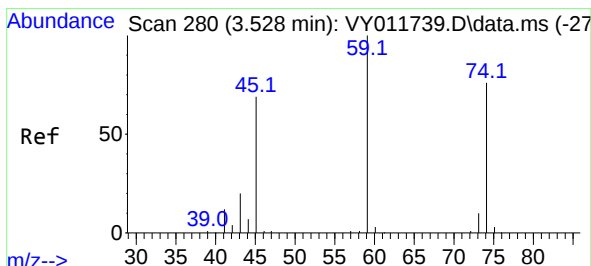
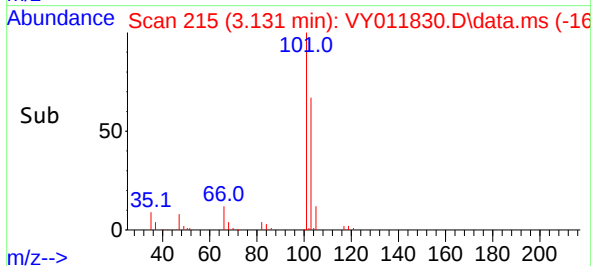
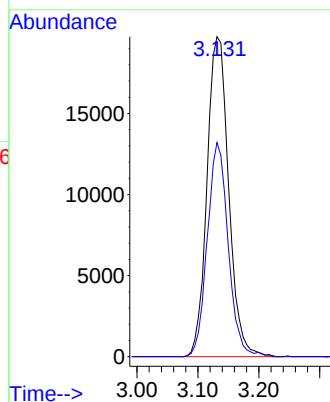
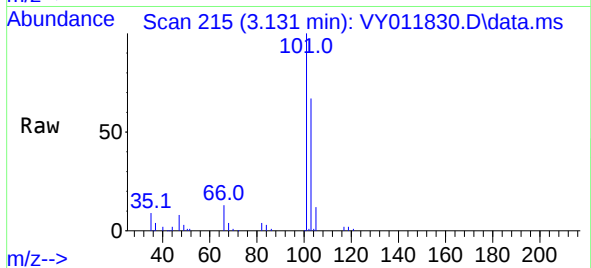




#7
Trichlorofluoromethane
Concen: 51.826 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

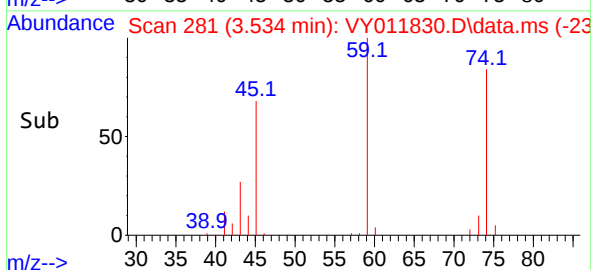
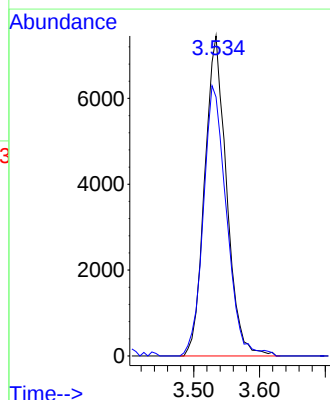
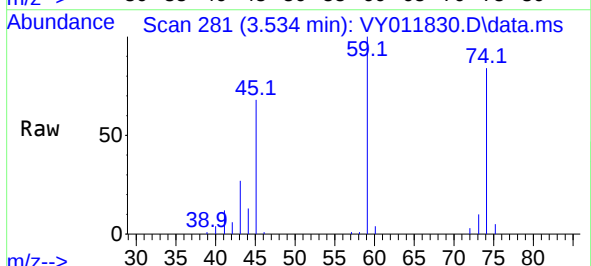
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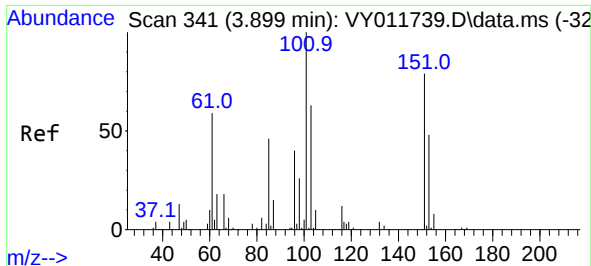
Tgt Ion:101 Resp: 48811
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.6



#8
Diethyl Ether
Concen: 52.278 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011830.D
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Tgt Ion: 74 Resp: 17246
Ion Ratio Lower Upper
74 100
45 89.6 46.8 140.3

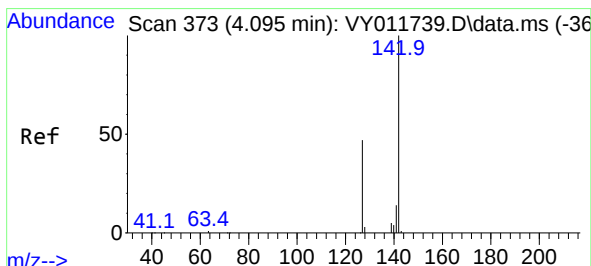
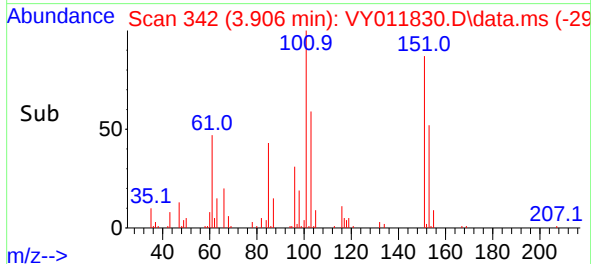
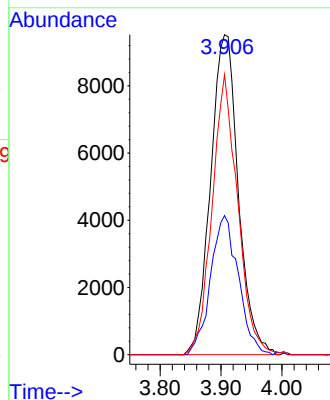
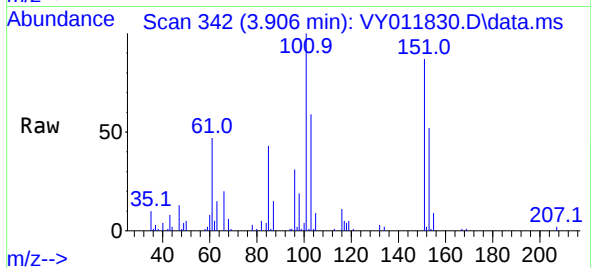




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.726 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

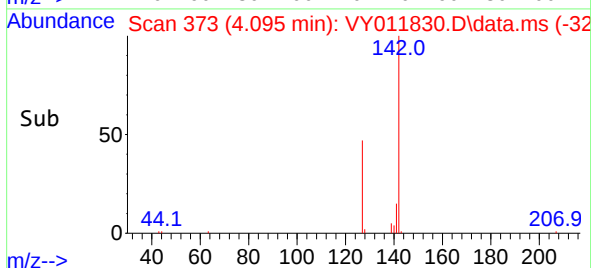
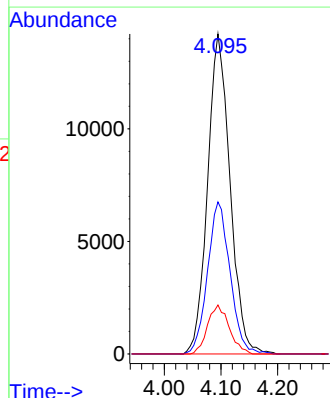
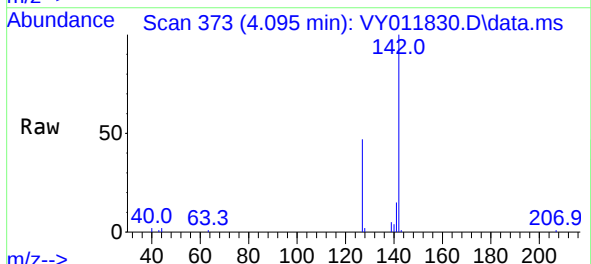
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

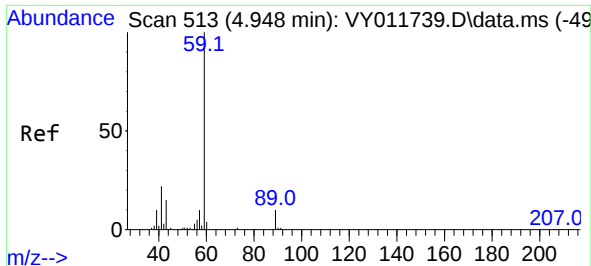
Tgt Ion:	101	Resp:	30206
Ion	Ratio	Lower	Upper
101	100		
85	43.5	36.2	54.2
151	80.7	64.2	96.2



#10
Methyl Iodide
Concen: 59.342 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:	142	Resp:	39063
Ion	Ratio	Lower	Upper
142	100		
127	47.7	37.0	55.4
141	14.8	11.4	17.0

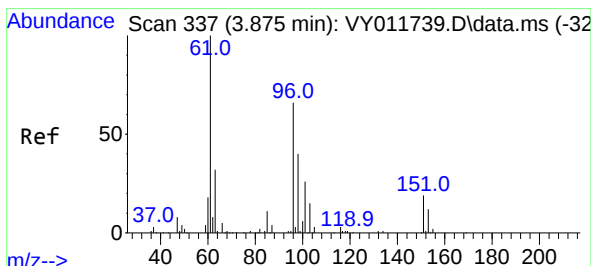
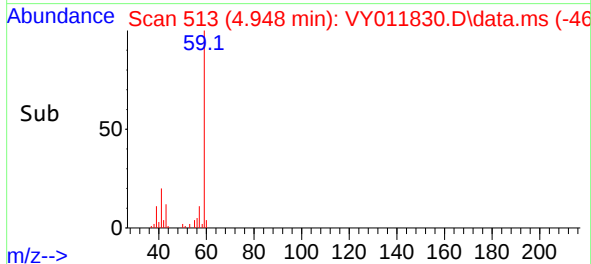
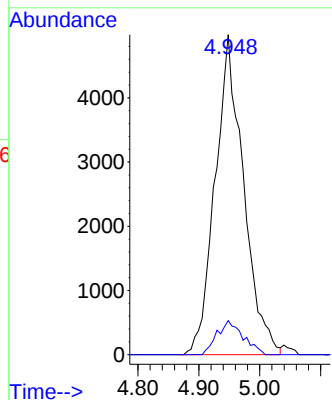
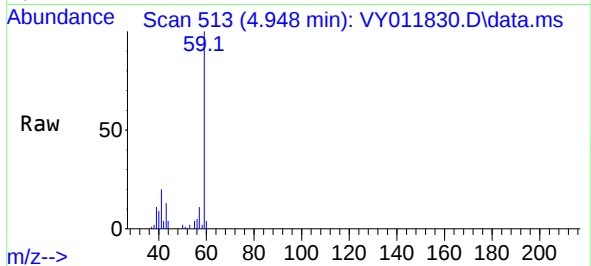




#11
Tert butyl alcohol
Concen: 293.259 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

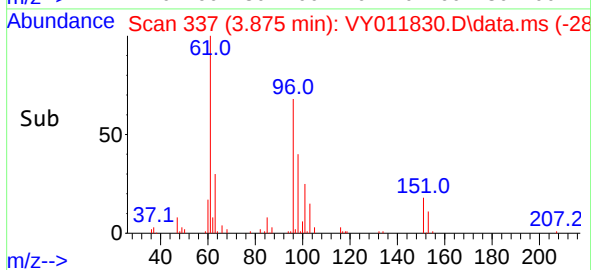
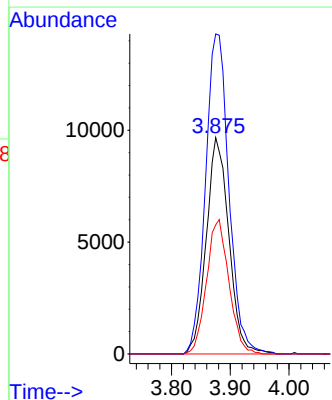
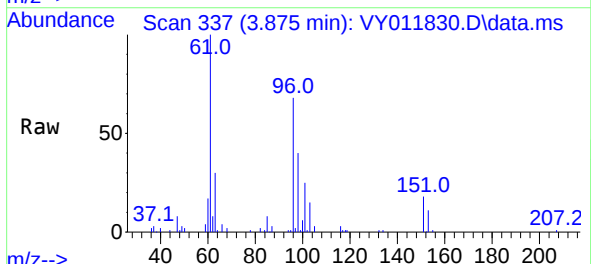
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

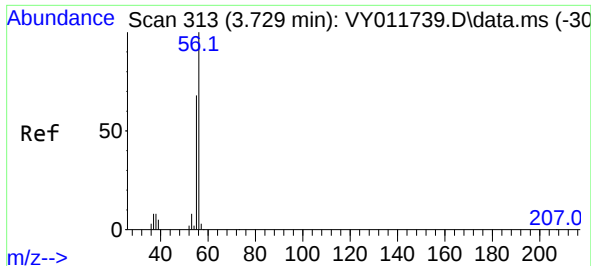
Tgt Ion: 59 Resp: 16154
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 51.037 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 96 Resp: 25878
Ion Ratio Lower Upper
96 100
61 147.9 122.0 183.0
98 59.7 48.6 73.0

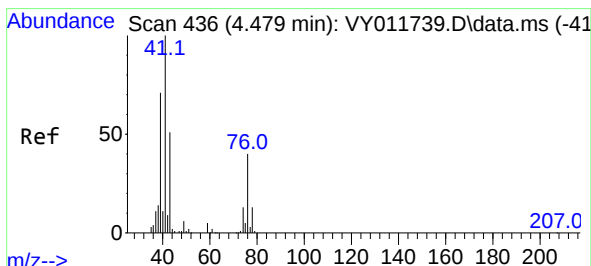
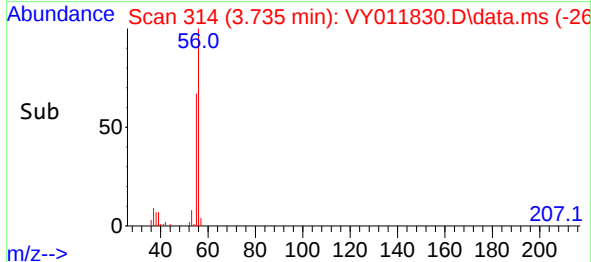
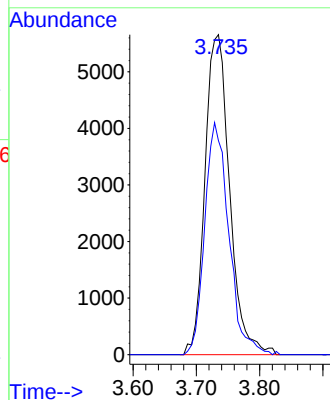
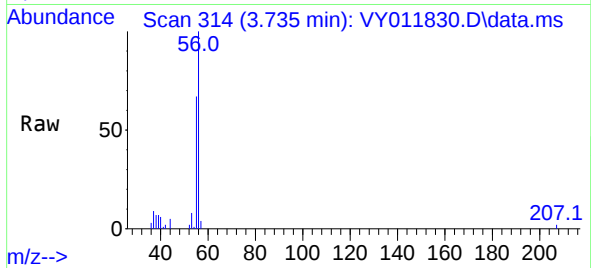




#13
Acrolein
Concen: 158.786 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

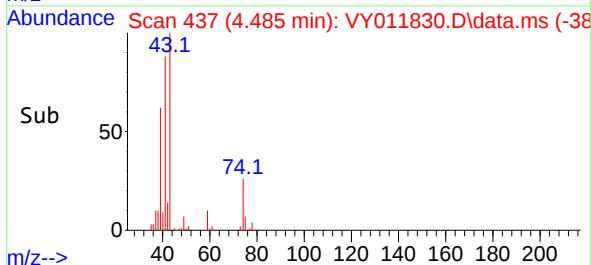
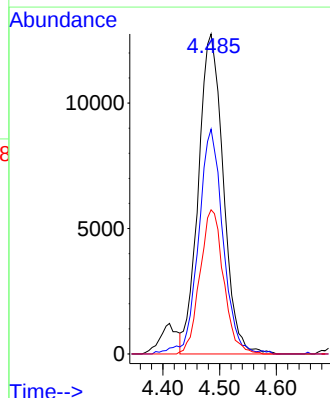
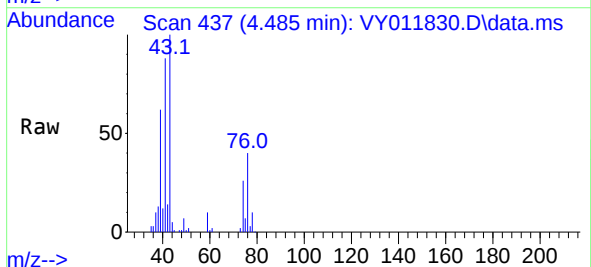
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

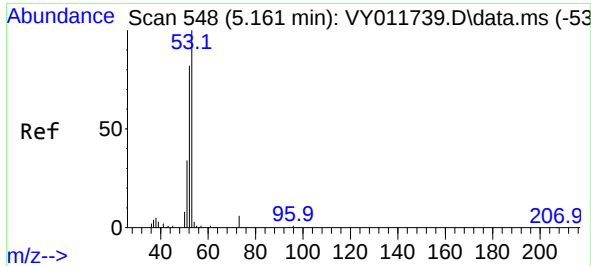
Tgt Ion: 56 Resp: 15336
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0



#14
Allyl chloride
Concen: 46.117 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 41 Resp: 38842
Ion Ratio Lower Upper
41 100
39 69.0 53.5 80.3
76 42.9 31.1 46.7





#15

Acrylonitrile

Concen: 269.853 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)MSD

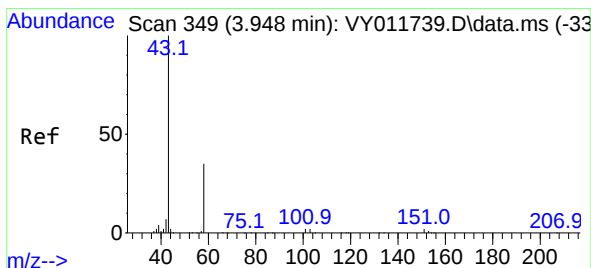
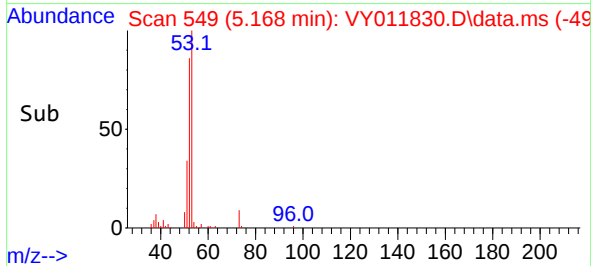
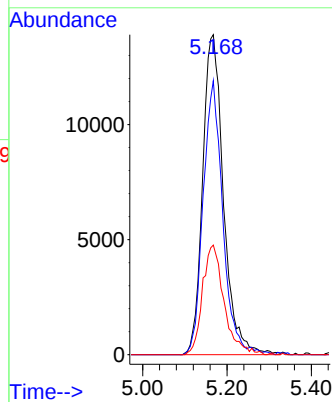
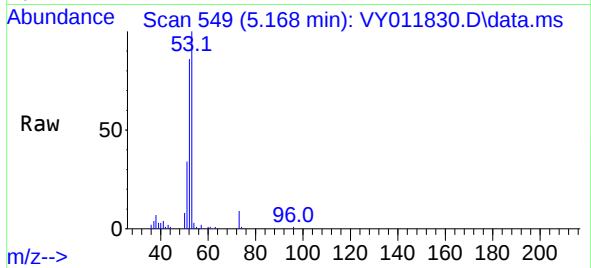
Tgt Ion: 53 Resp: 47782

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

51 35.5 28.7 43.1



#16

Acetone

Concen: 215.948 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY011830.D

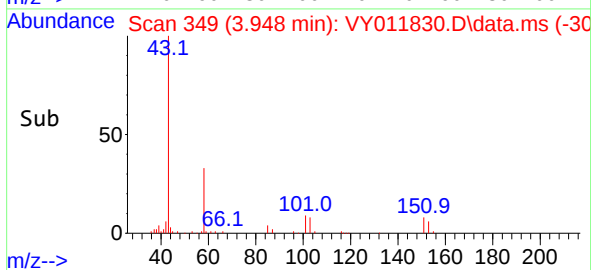
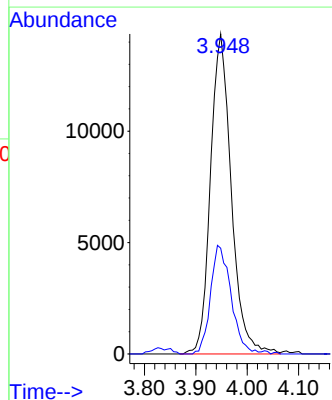
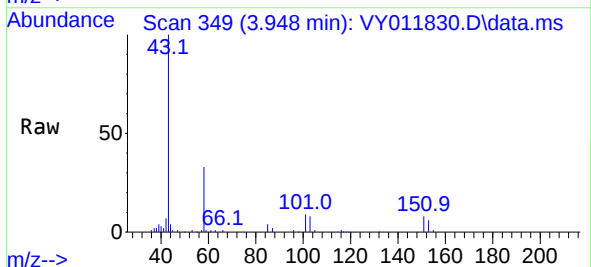
Acq: 14 Dec 2022 06:32

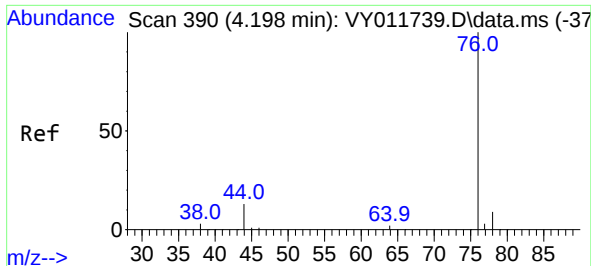
Tgt Ion: 43 Resp: 40399

Ion Ratio Lower Upper

43 100

58 33.1 27.9 41.9

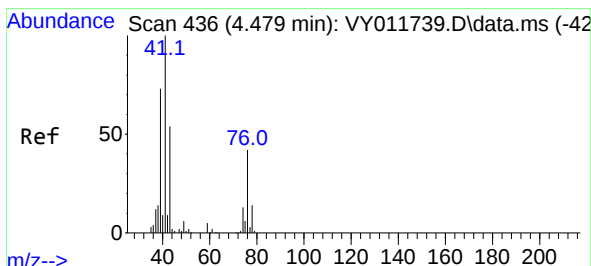
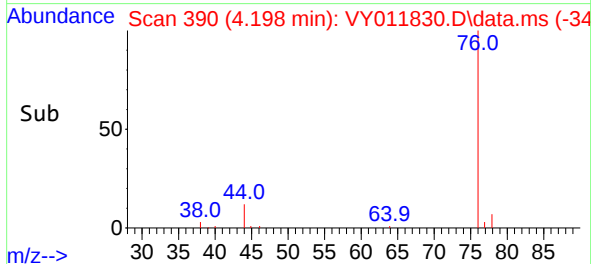
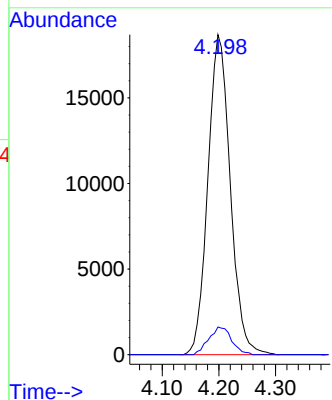
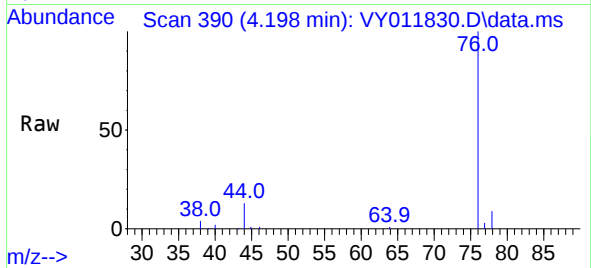




#17
Carbon Disulfide
Concen: 44.265 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

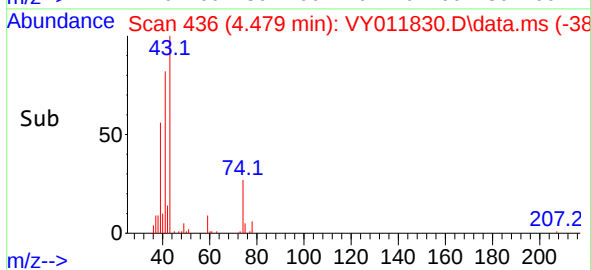
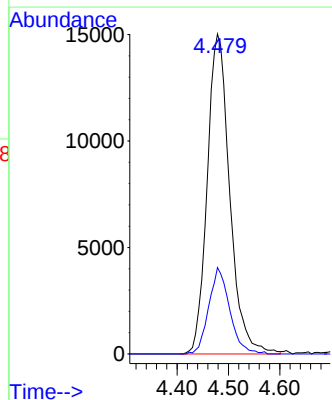
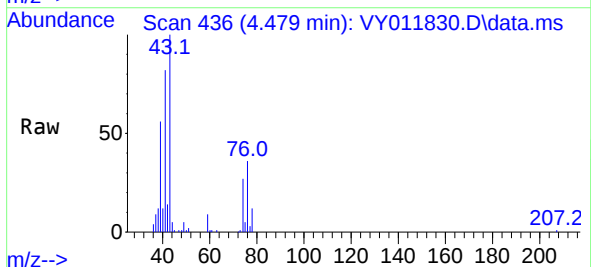
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

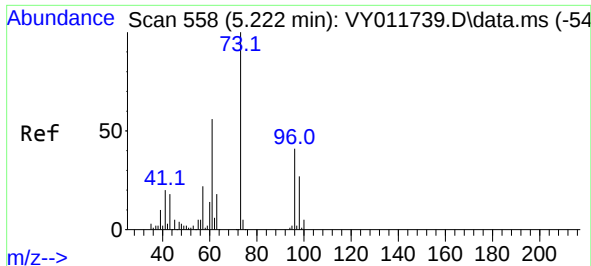
Tgt Ion: 76 Resp: 51257
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 104.536 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 43 Resp: 45714
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1

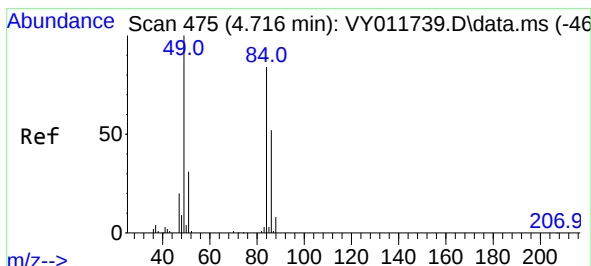
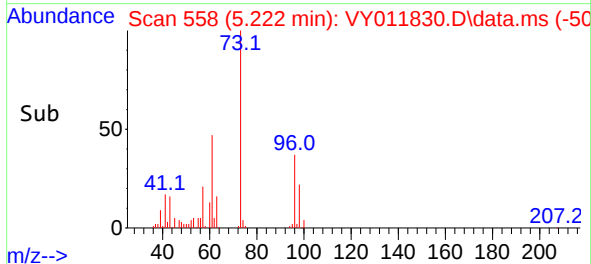
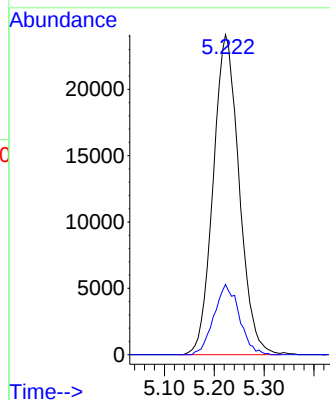
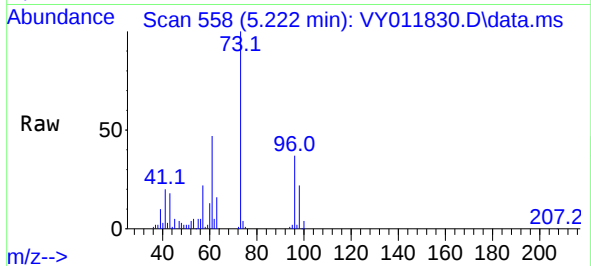




#19
Methyl tert-butyl Ether
Concen: 54.896 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

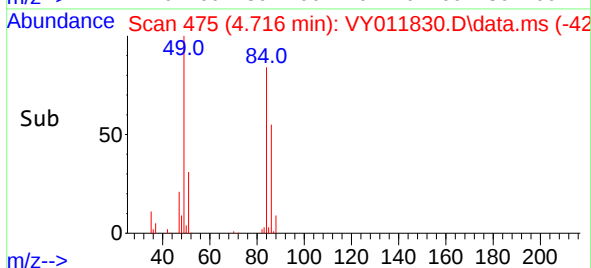
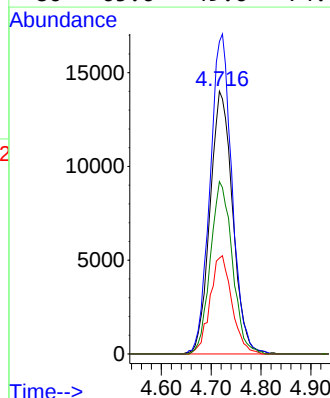
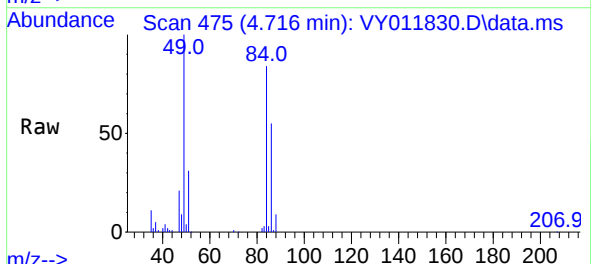
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

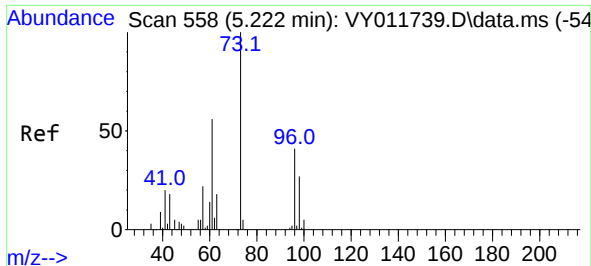
Tgt Ion: 73 Resp: 87152
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 68.497 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 84 Resp: 44169
Ion Ratio Lower Upper
84 100
49 118.9 95.4 143.2
51 36.5 29.9 44.9
86 65.6 49.6 74.4

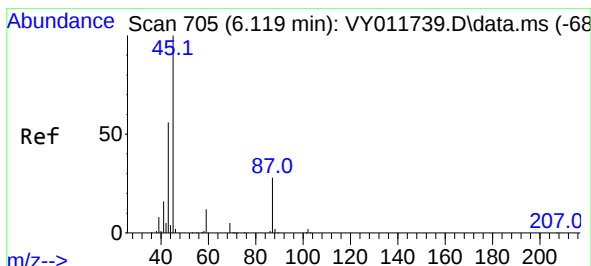
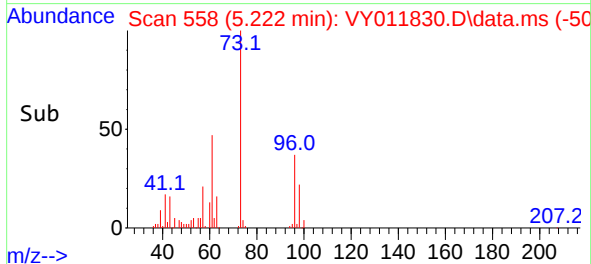
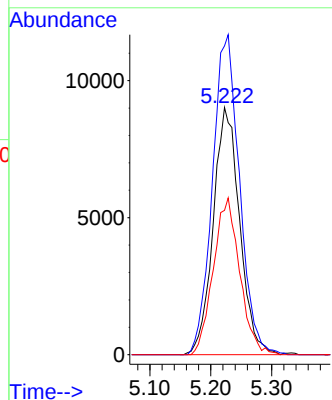
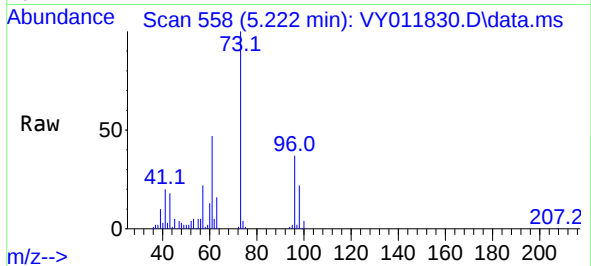




#21
trans-1,2-Dichloroethene
Concen: 47.595 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

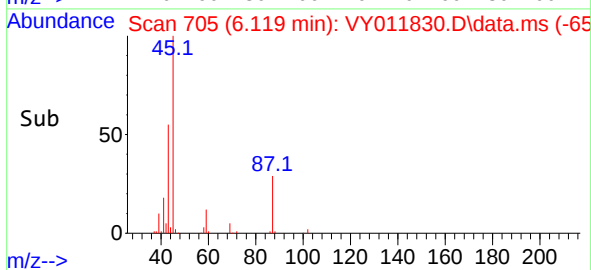
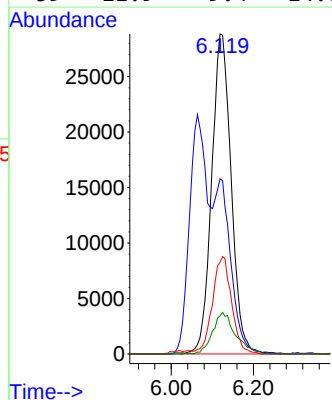
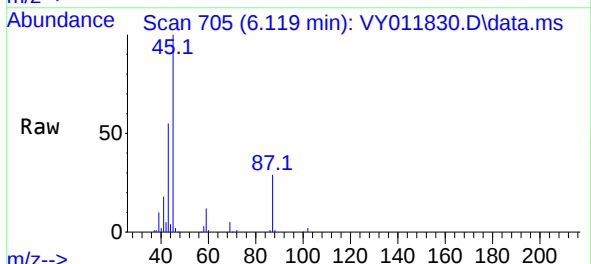
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

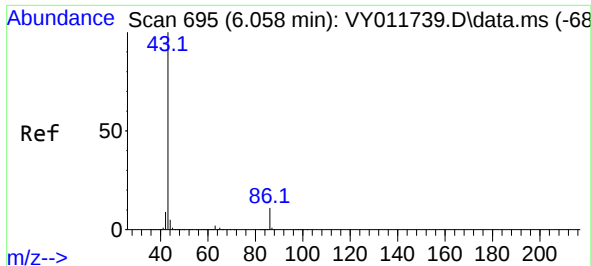
Tgt Ion: 96 Resp: 27124
Ion Ratio Lower Upper
96 100
61 124.9 108.0 162.0
98 58.4 51.6 77.4



#22
Diisopropyl ether
Concen: 51.820 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 45 Resp: 95224
Ion Ratio Lower Upper
45 100
43 54.3 45.0 67.4
87 28.6 22.6 33.8
59 11.9 9.4 14.0

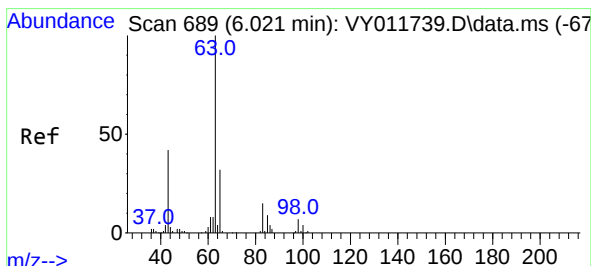
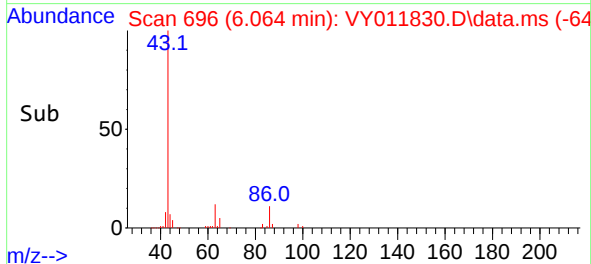
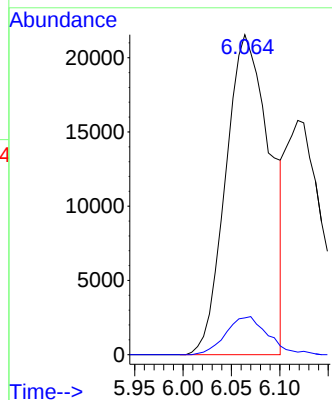
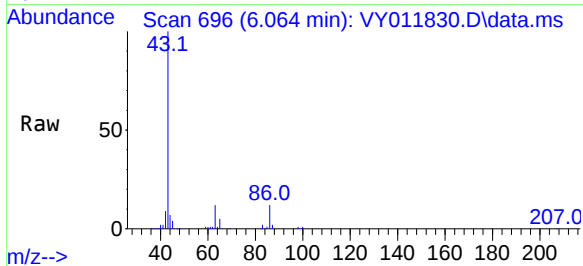




#23
 Vinyl Acetate
 Concen: 65.381 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY011830.D
 Acq: 14 Dec 2022 06:32

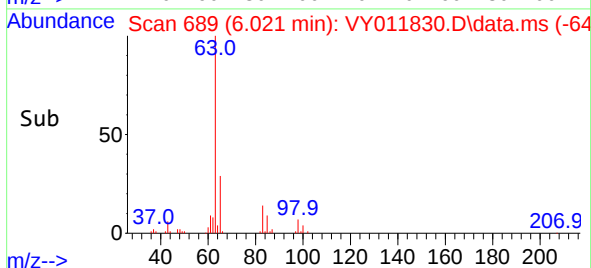
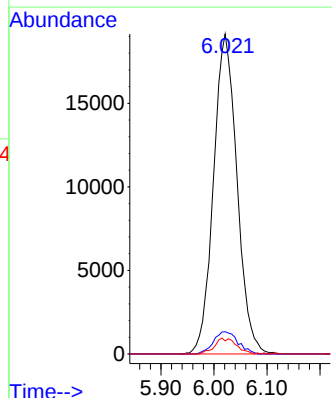
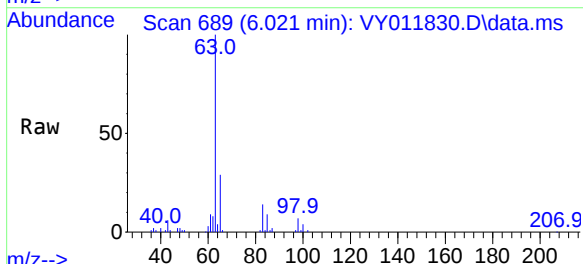
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-25-(7-9)MSD

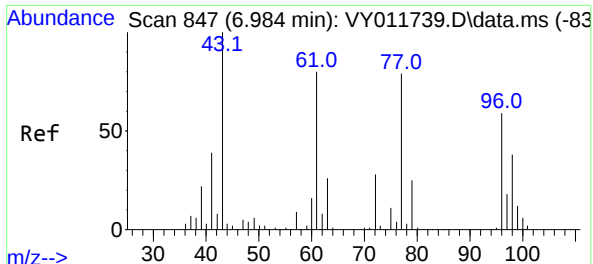
Tgt Ion: 43 Resp: 68541
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 52.755 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011830.D
 Acq: 14 Dec 2022 06:32

Tgt Ion: 63 Resp: 58909
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.1 2.2 6.6

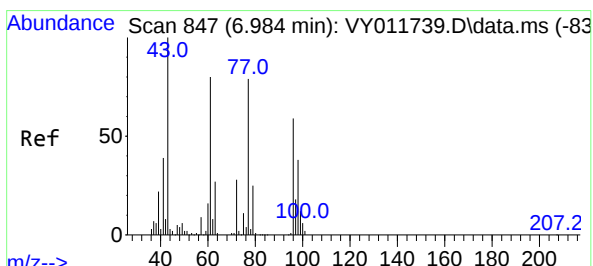
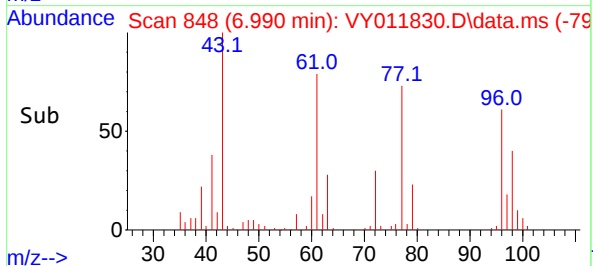
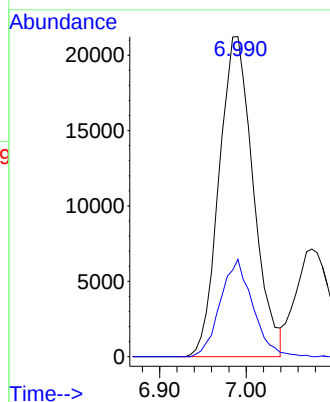
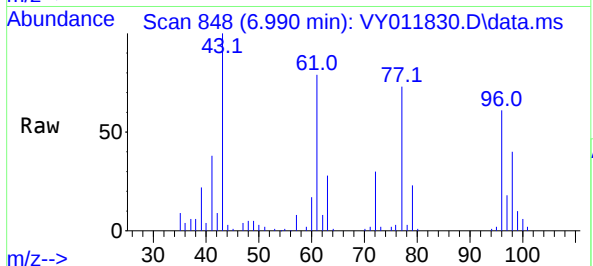




#25
2-Butanone
Concen: 242.314 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

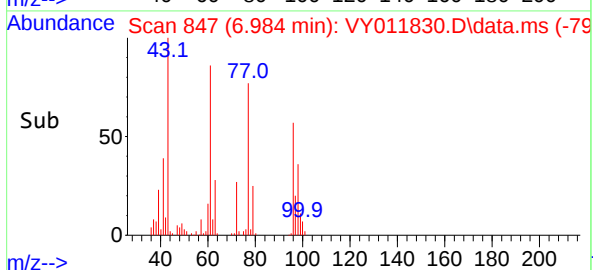
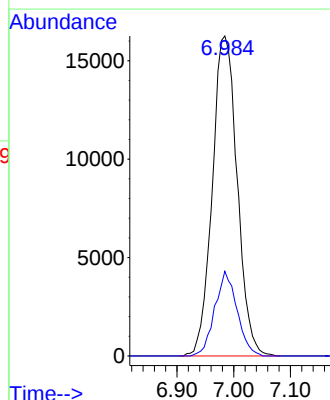
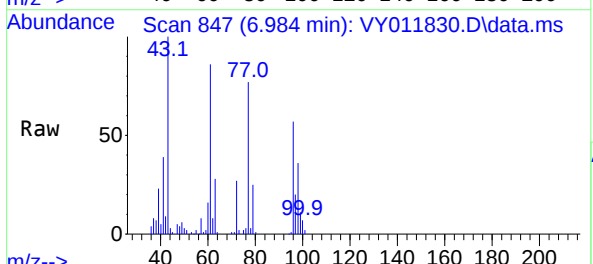
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

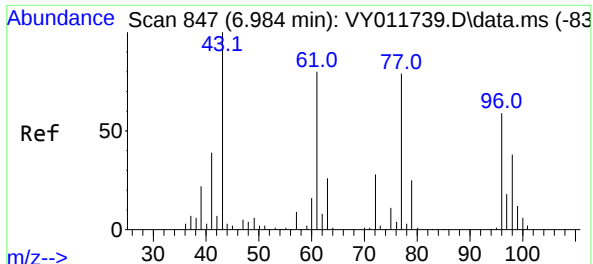
Tgt Ion: 43 Resp: 58310
Ion Ratio Lower Upper
43 100
72 30.4 22.6 34.0



#26
2,2-Dichloropropane
Concen: 47.174 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 77 Resp: 49560
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.1

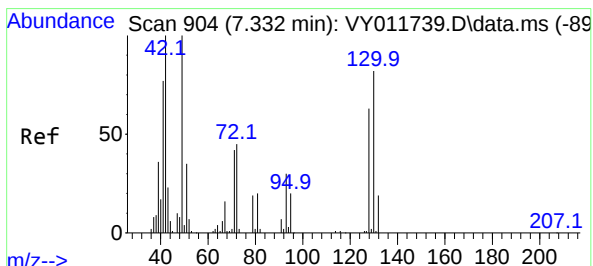
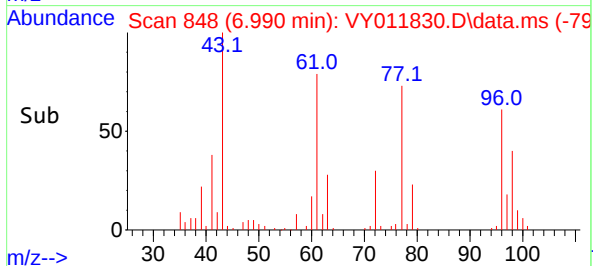
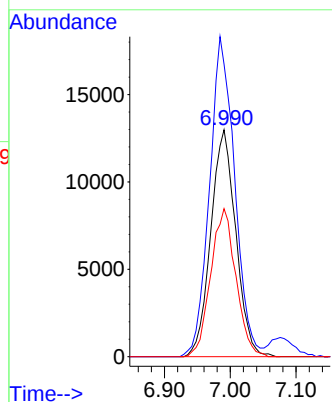
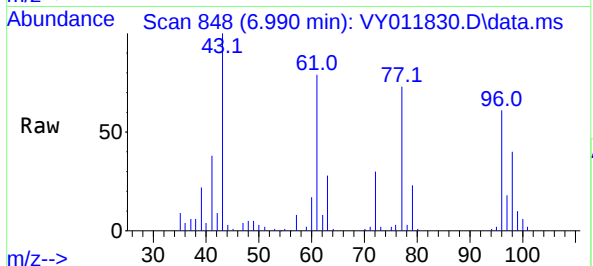




#27
cis-1,2-Dichloroethene
Concen: 49.352 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

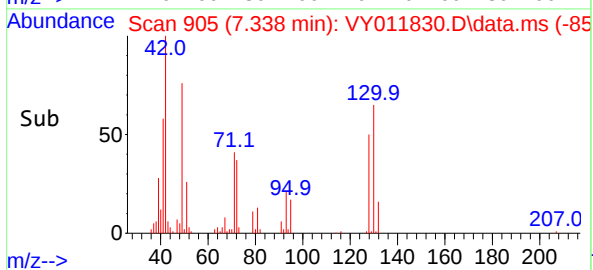
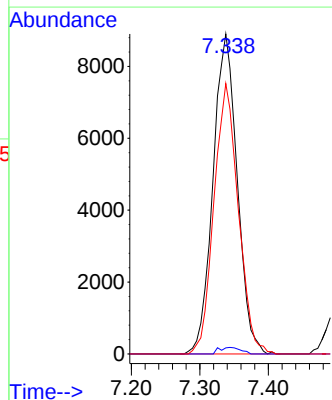
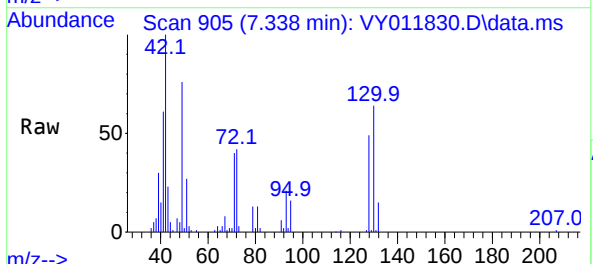
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

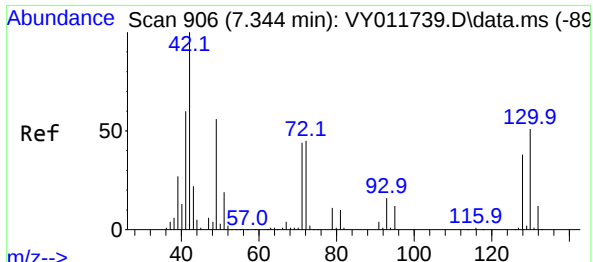
Tgt Ion: 96 Resp: 34374
Ion Ratio Lower Upper
96 100
61 142.1 0.0 283.4
98 65.7 0.0 127.6



#28
Bromochloromethane
Concen: 53.772 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 49 Resp: 21860
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 84.8 66.7 100.1

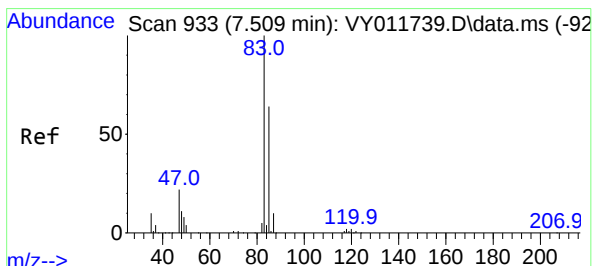
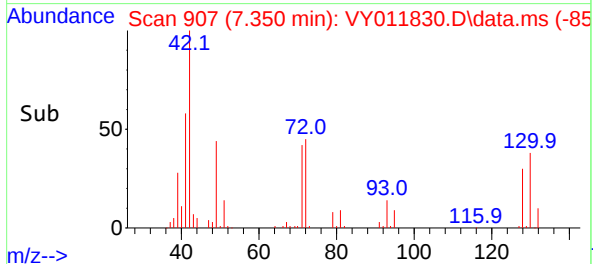
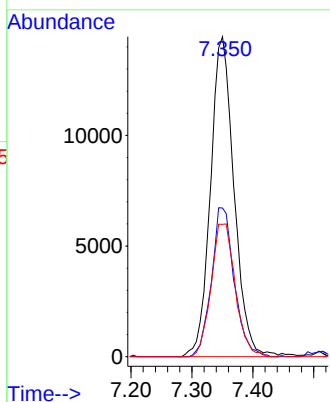
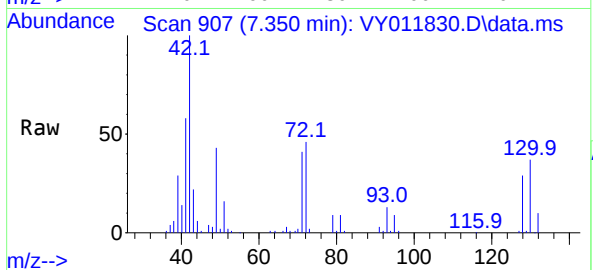




#29
Tetrahydrofuran
Concen: 282.904 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

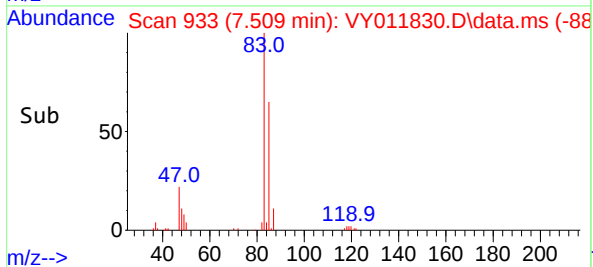
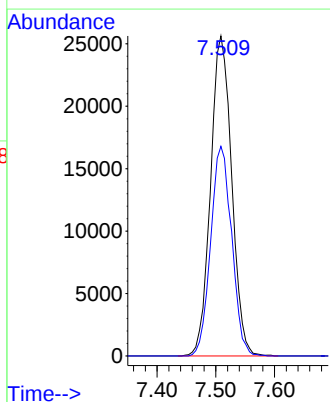
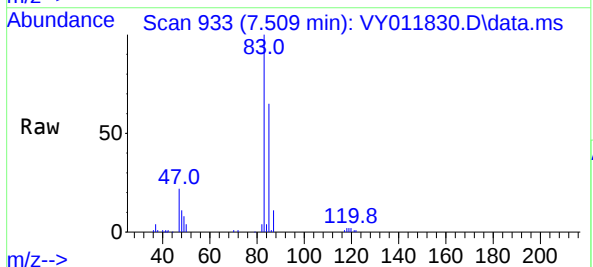
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

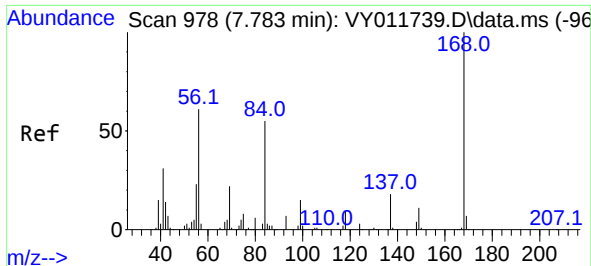
Tgt Ion:	42	Resp:	38748
Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.0	55.6
71	42.7	34.9	52.3



#30
Chloroform
Concen: 53.600 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:	83	Resp:	63987
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3

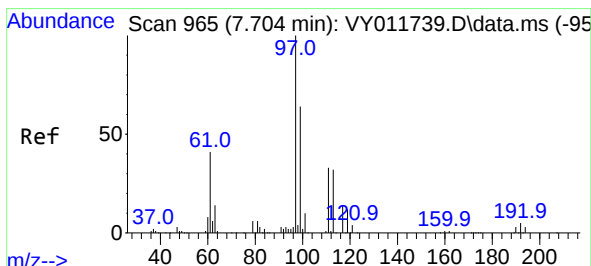
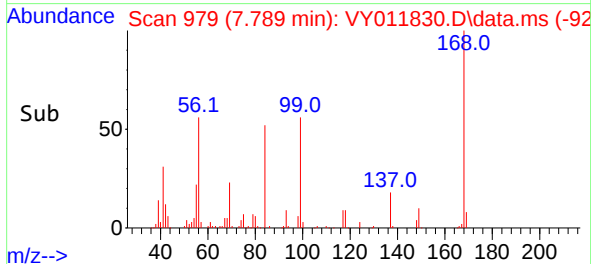
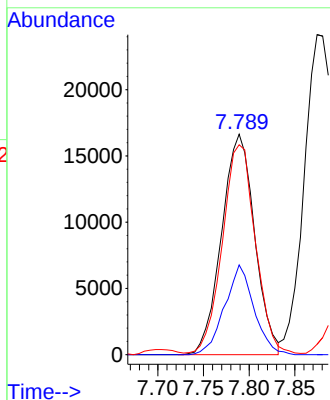
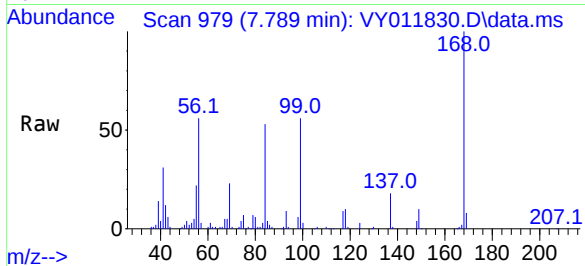




#31
Cyclohexane
Concen: 52.564 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

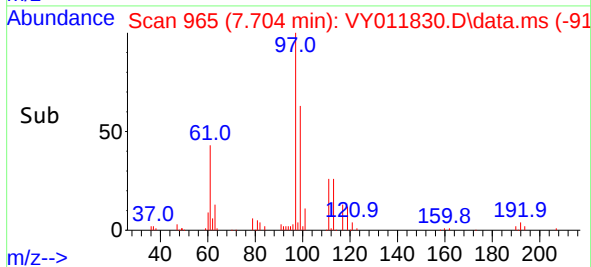
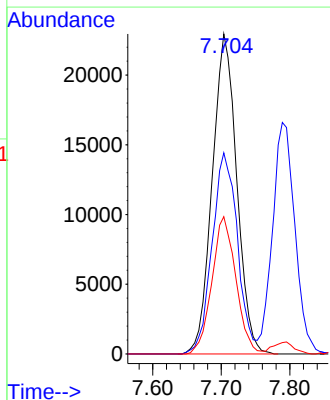
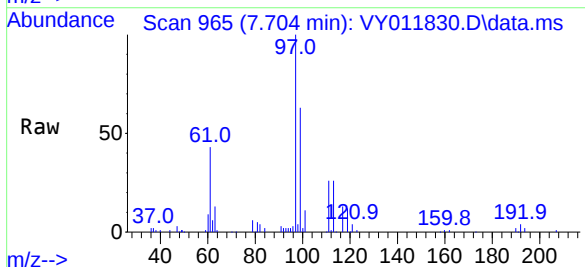
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

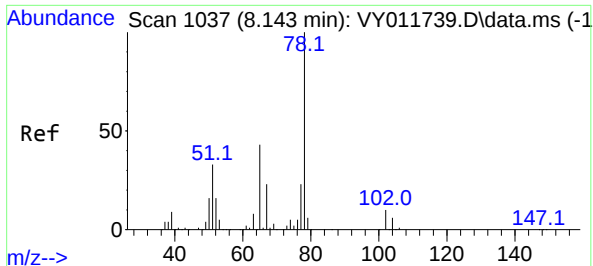
Tgt Ion: 56 Resp: 41818
Ion Ratio Lower Upper
56 100
69 40.7 29.2 43.8
84 94.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 53.484 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 97 Resp: 56942
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.4
61 42.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.333 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

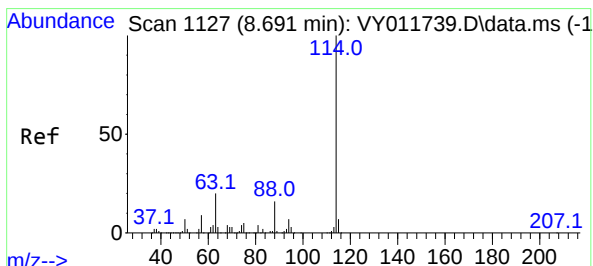
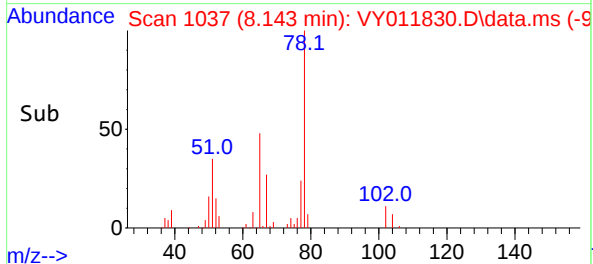
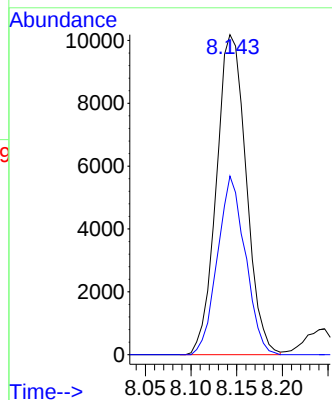
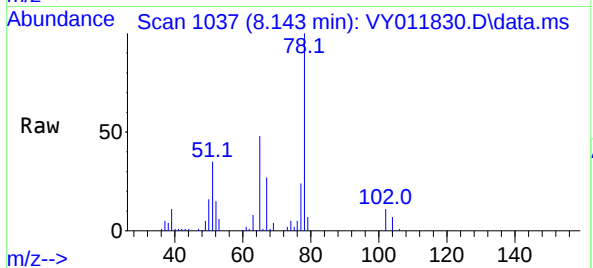
RB-25-(7-9)MSD

Tgt Ion: 65 Resp: 23094

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

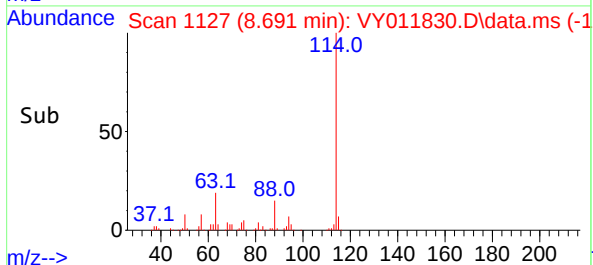
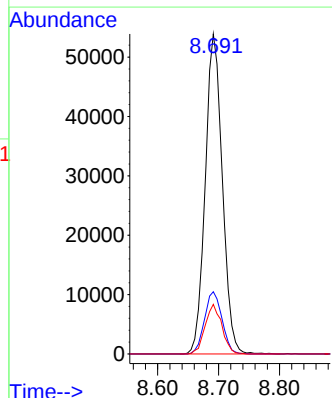
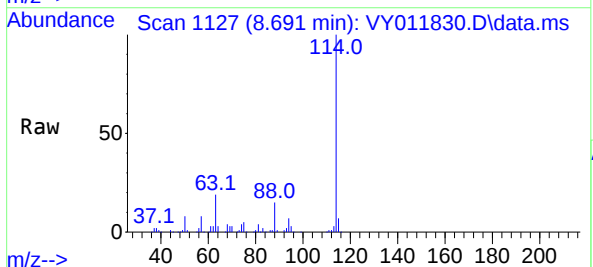
Tgt Ion: 114 Resp: 105112

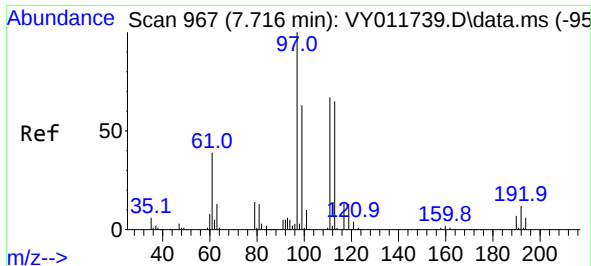
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.5 0.0 32.2

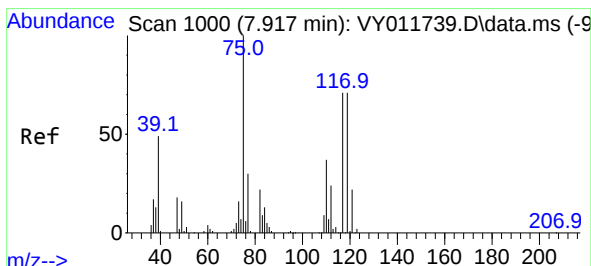
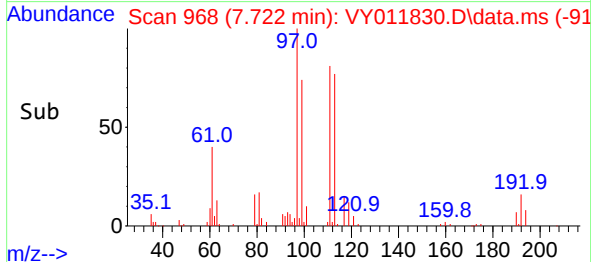
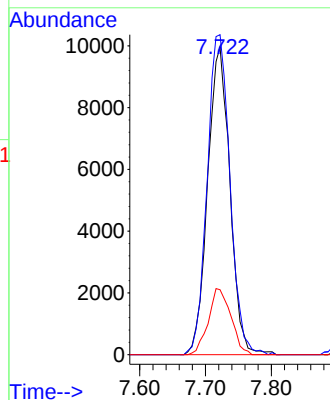
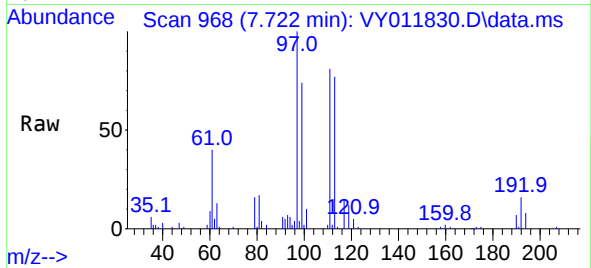




#35
Dibromofluoromethane
Concen: 50.276 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

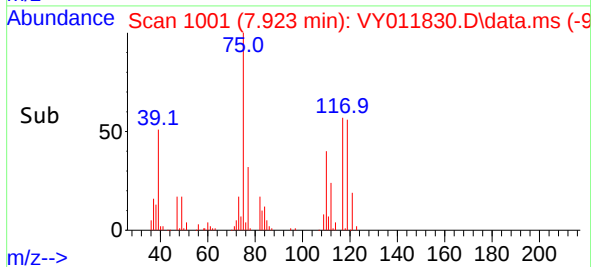
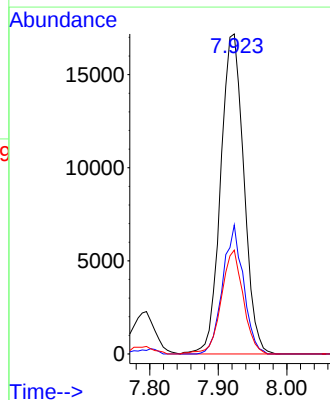
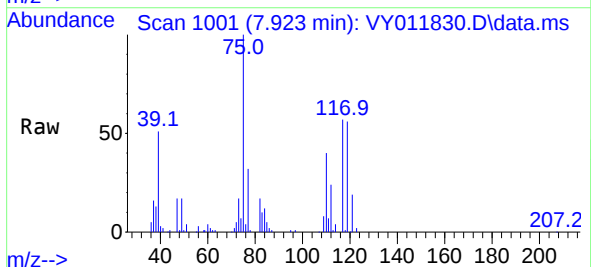
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

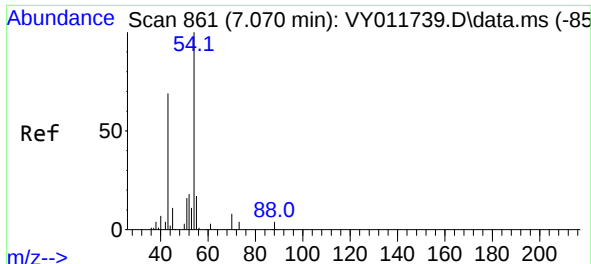
Tgt Ion:113 Resp: 23469
Ion Ratio Lower Upper
113 100
111 106.7 83.0 124.4
192 21.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 50.526 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 75 Resp: 40301
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.1
77 30.7 25.1 37.7

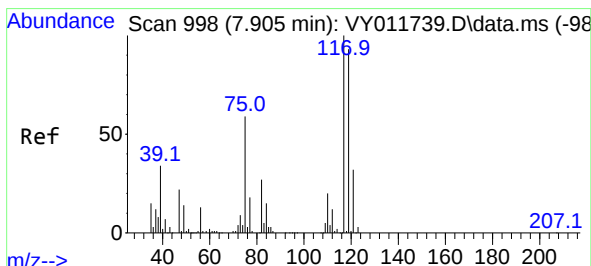
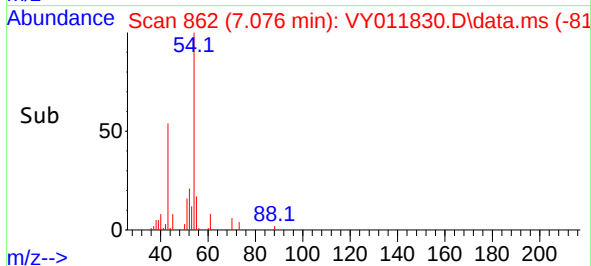
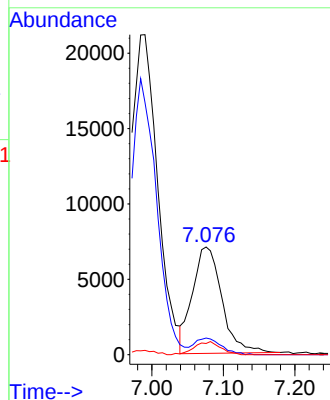
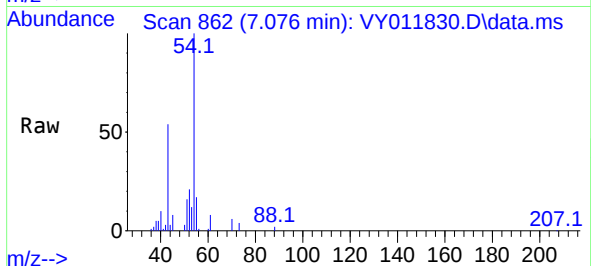




#37
Ethyl Acetate
Concen: 43.264 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

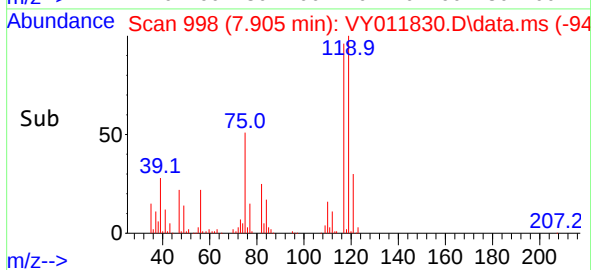
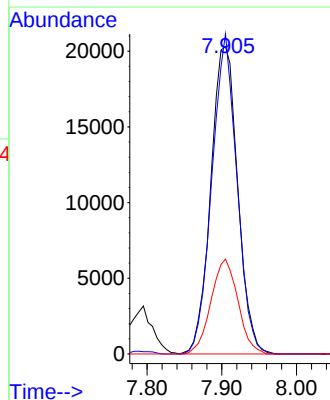
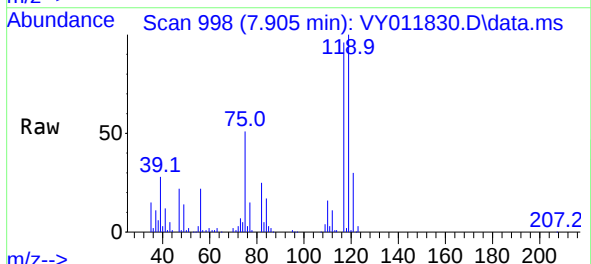
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

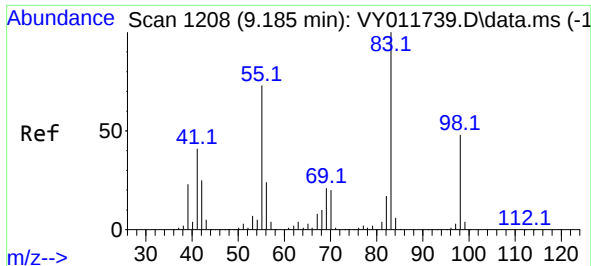
Tgt Ion: 43 Resp: 20175
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 54.451 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 117 Resp: 51018
Ion Ratio Lower Upper
117 100
119 104.2 73.8 110.8
121 30.9 25.2 37.8





#39

Methylcyclohexane

Concen: 48.887 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)MSD

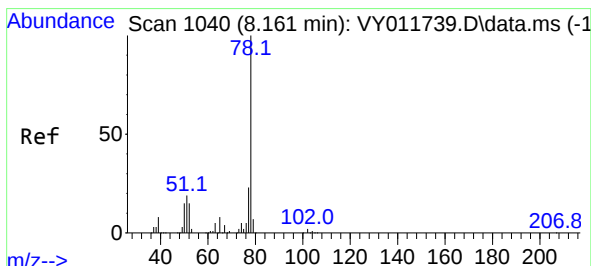
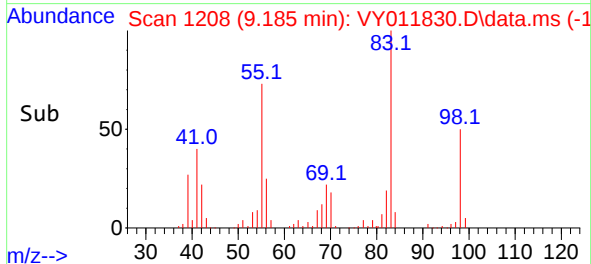
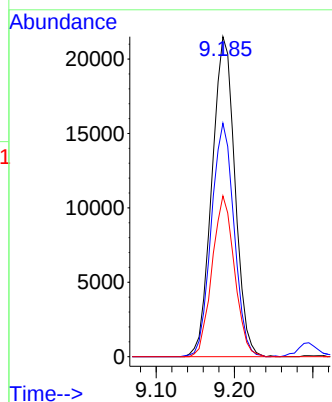
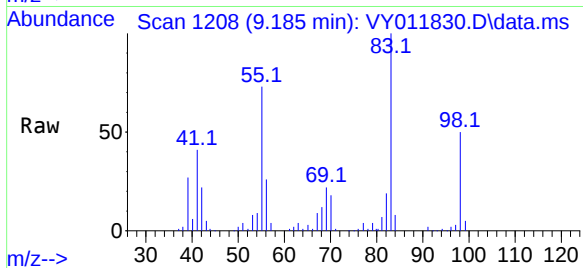
Tgt Ion: 83 Resp: 43876

Ion Ratio Lower Upper

83 100

55 73.0 58.2 87.2

98 50.2 38.6 58.0



#40

Benzene

Concen: 52.456 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY011830.D

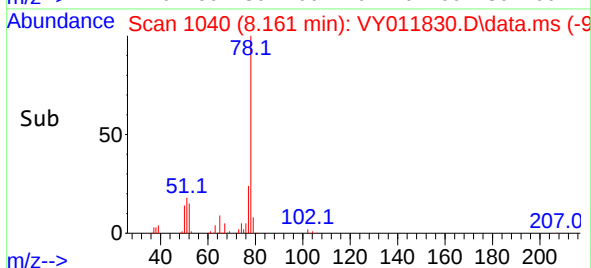
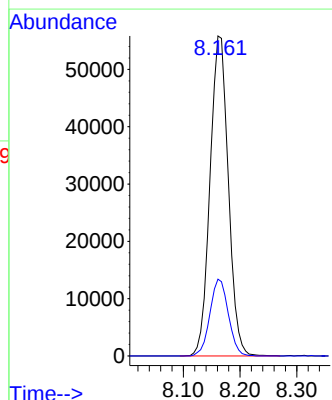
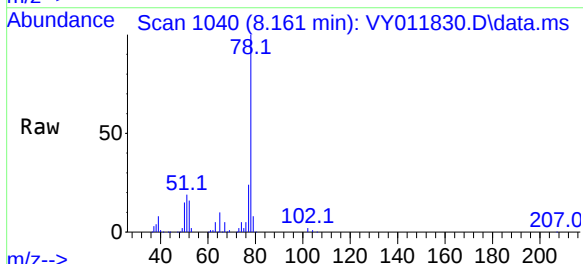
Acq: 14 Dec 2022 06:32

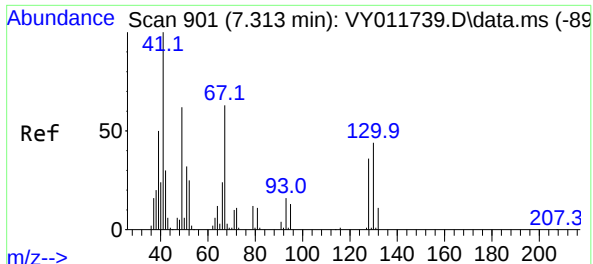
Tgt Ion: 78 Resp: 124997

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

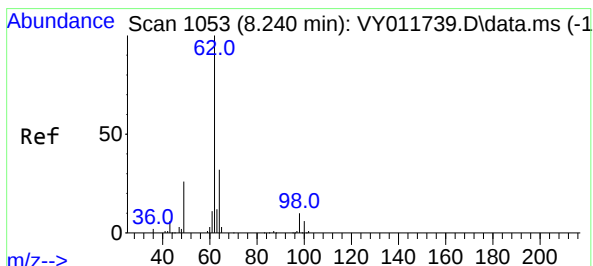
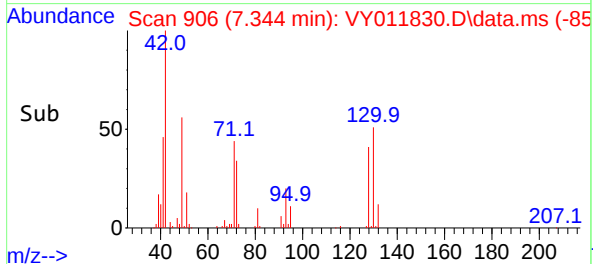
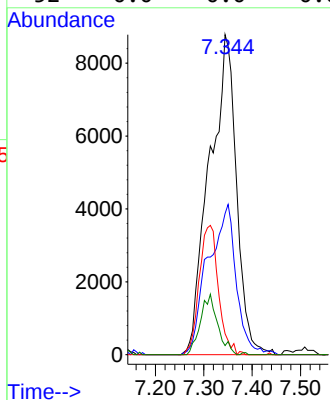
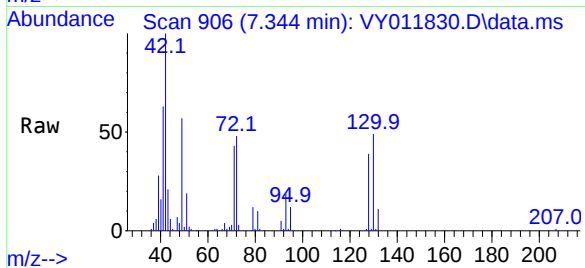




#41
Methacrylonitrile
Concen: 144.960 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

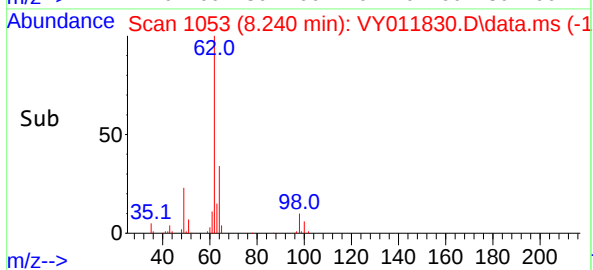
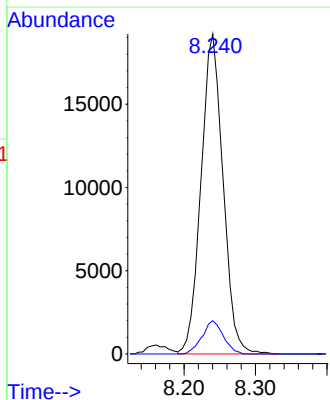
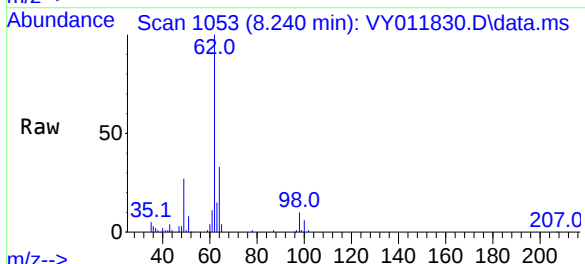
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

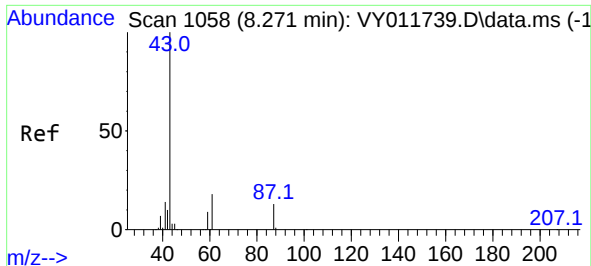
Tgt Ion: 41 Resp: 34125
Ion Ratio Lower Upper
41 100
39 48.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.746 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 62 Resp: 41078
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.6

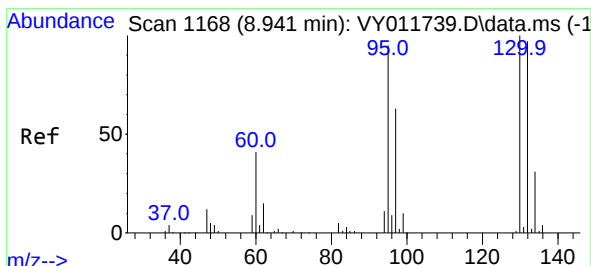
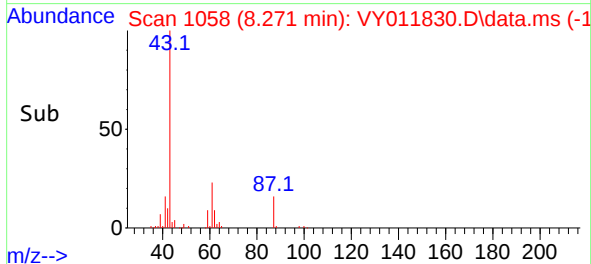
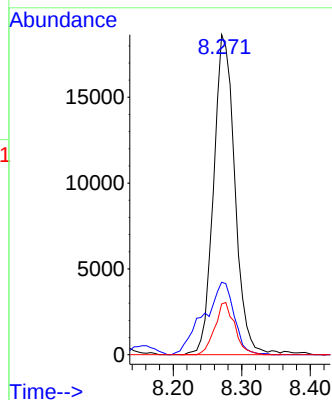
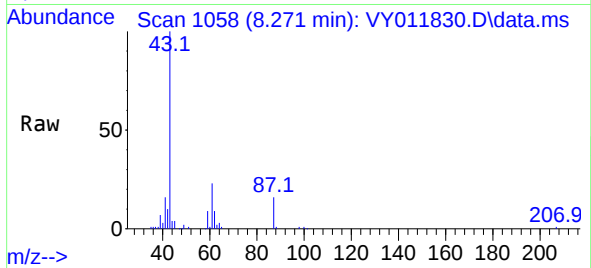




#43
Isopropyl Acetate
Concen: 47.475 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

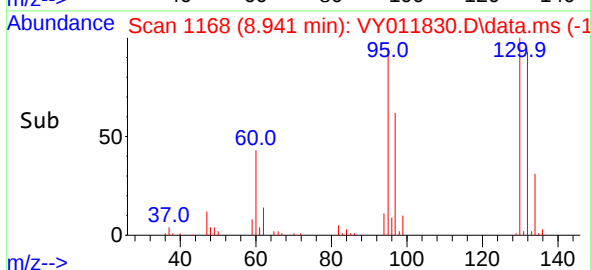
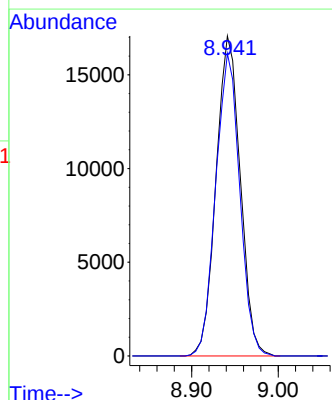
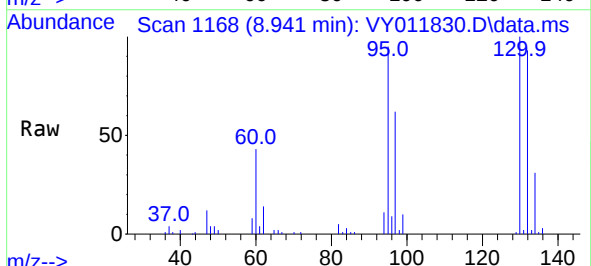
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

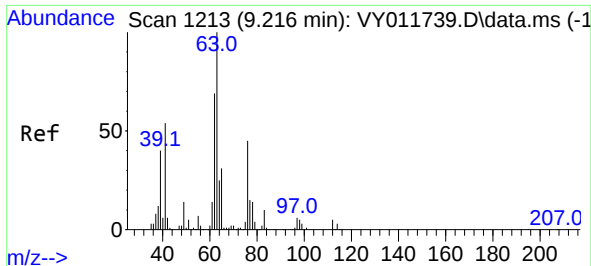
Tgt Ion:	43	Resp:	40144
Ion	Ratio	Lower	Upper
43	100		
61	32.5	24.4	36.6
87	15.3	11.4	17.2



#44
Trichloroethene
Concen: 49.668 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:	130	Resp:	33147
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	190.6





#45

1,2-Dichloropropane

Concen: 54.284 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

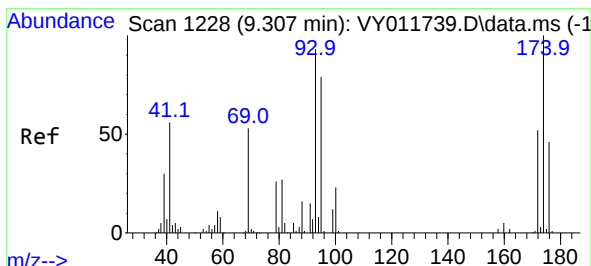
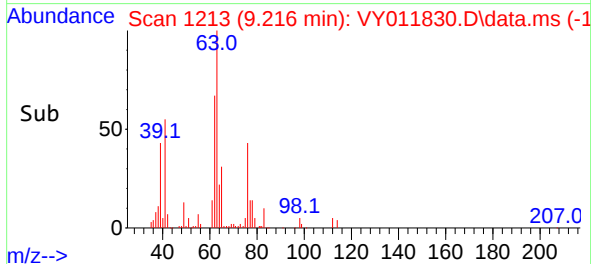
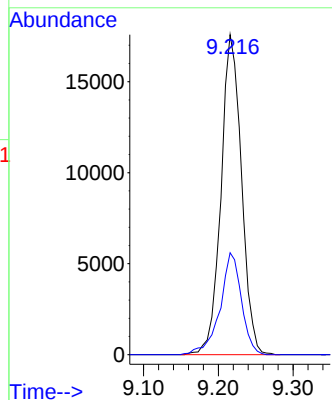
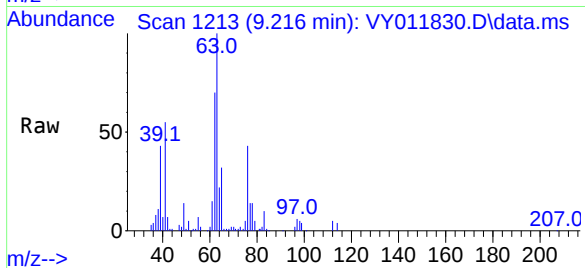
RB-25-(7-9)MSD

Tgt Ion: 63 Resp: 33479

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 53.813 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

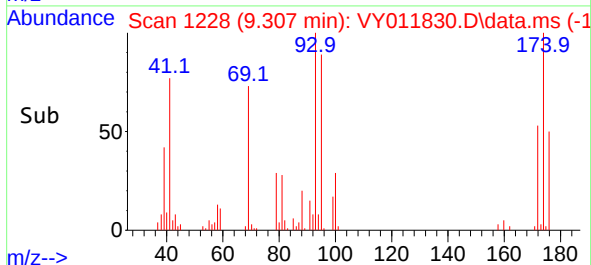
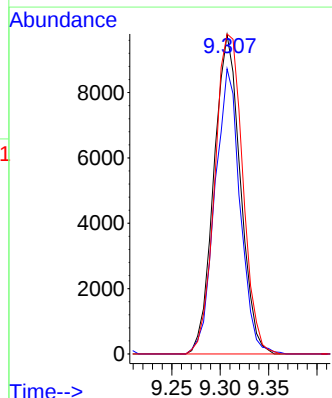
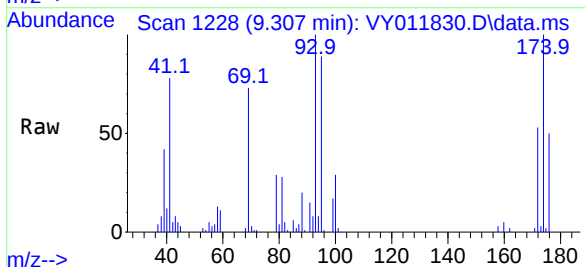
Tgt Ion: 93 Resp: 18578

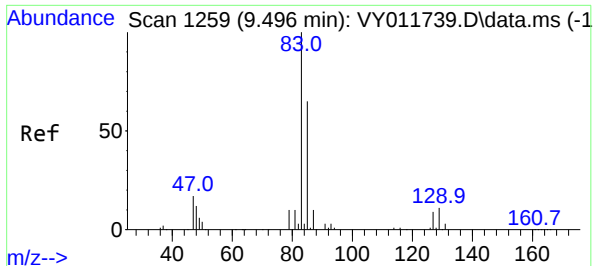
Ion Ratio Lower Upper

93 100

95 85.1 66.1 99.1

174 105.7 84.7 127.1





#47

Bromodichloromethane

Concen: 54.804 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)MSD

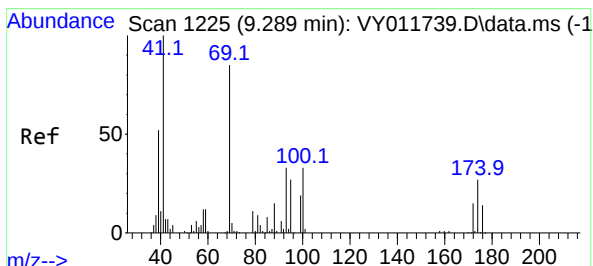
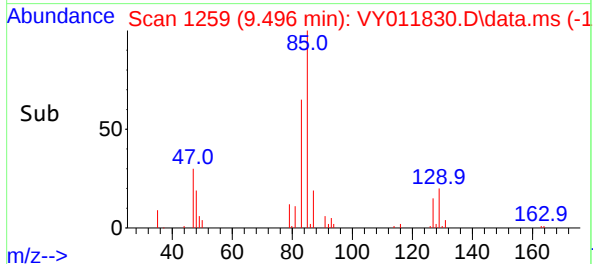
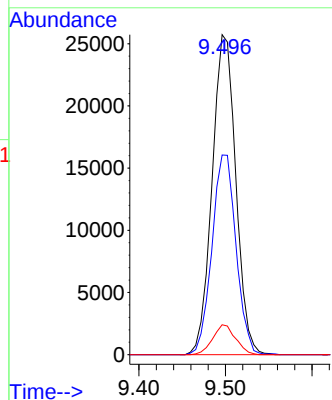
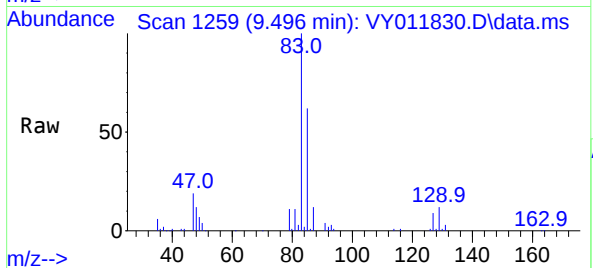
Tgt Ion: 83 Resp: 48879

Ion Ratio Lower Upper

83 100

85 62.4 52.0 78.0

127 9.3 7.3 10.9



#48

Methyl methacrylate

Concen: 63.040 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

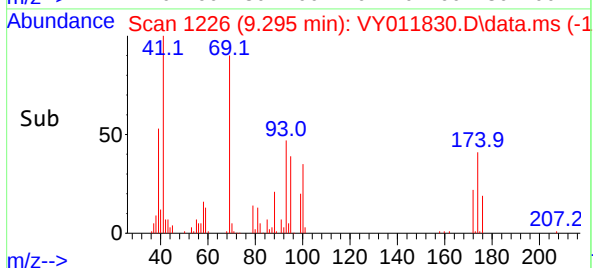
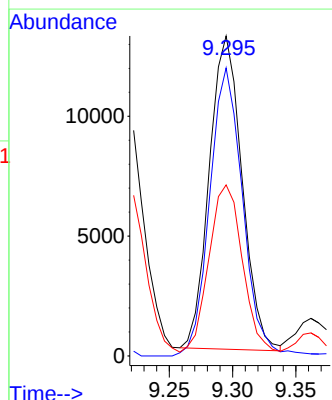
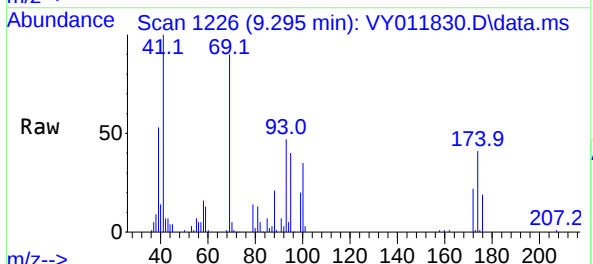
Tgt Ion: 41 Resp: 23497

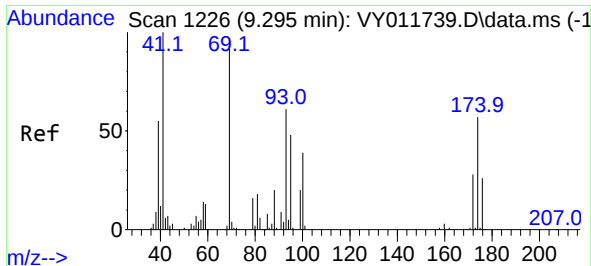
Ion Ratio Lower Upper

41 100

69 93.2 74.2 111.2

39 57.6 46.3 69.5

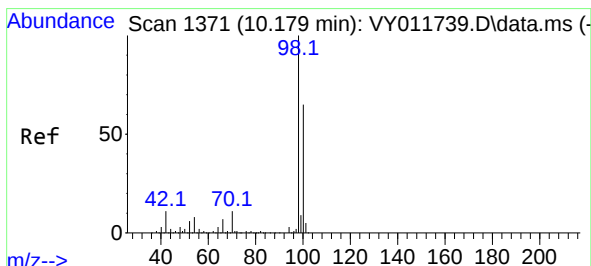
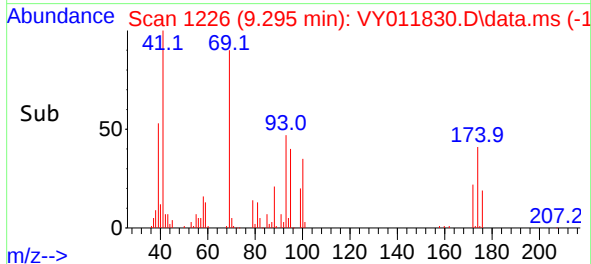
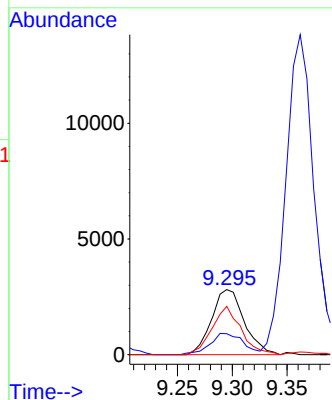
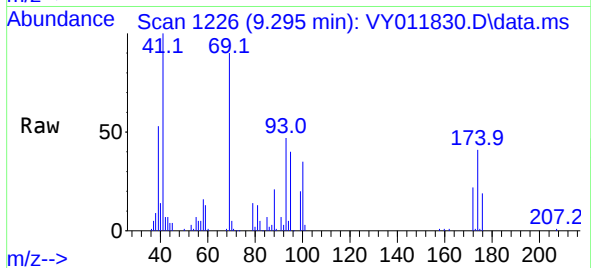




#49
1,4-Dioxane
Concen: 1218.154 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

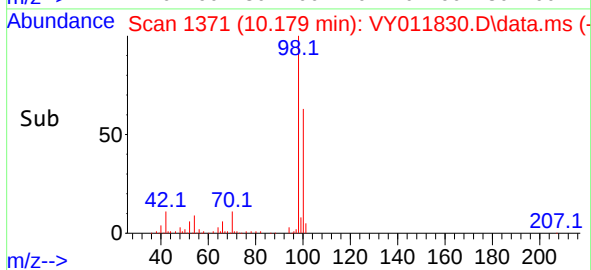
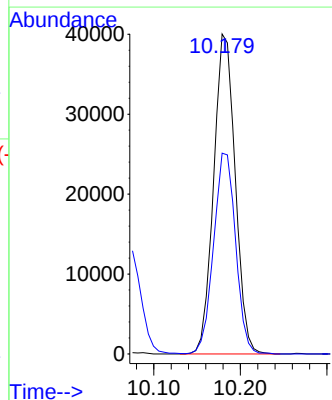
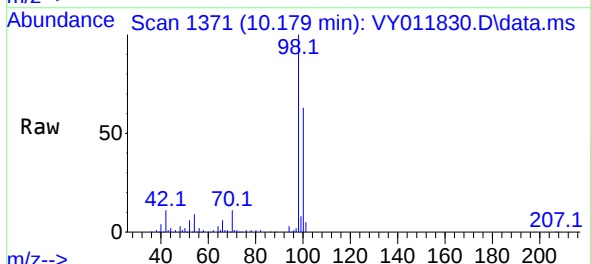
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

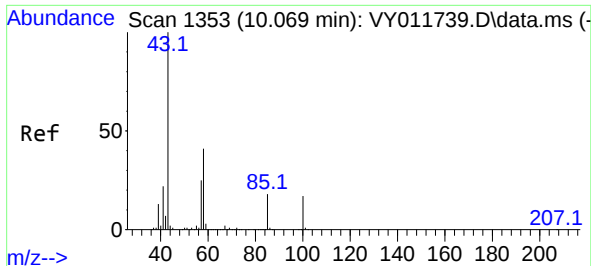
Tgt Ion: 88 Resp: 5826
Ion Ratio Lower Upper
88 100
43 33.2 26.2 39.2
58 66.0 54.3 81.5



#50
Toluene-d8
Concen: 44.537 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 98 Resp: 69303
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 286.315 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

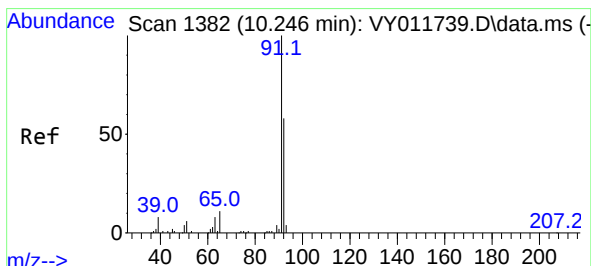
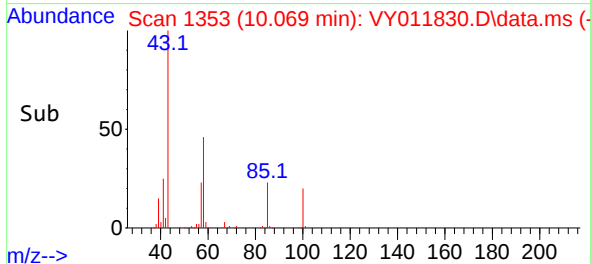
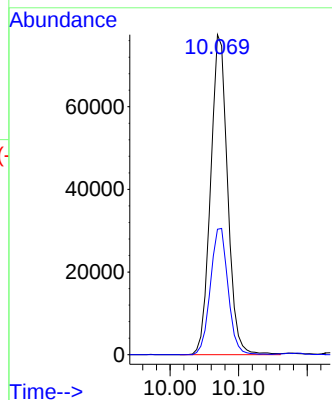
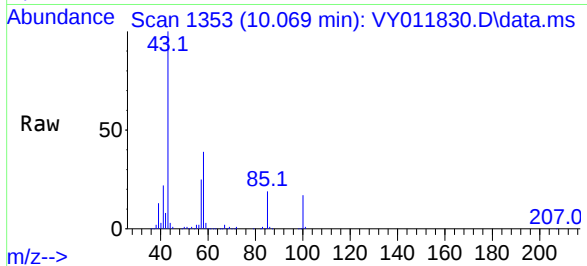
RB-25-(7-9)MSD

Tgt Ion: 43 Resp: 133402

Ion Ratio Lower Upper

43 100

58 41.0 32.9 49.3



#52

Toluene

Concen: 49.668 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY011830.D

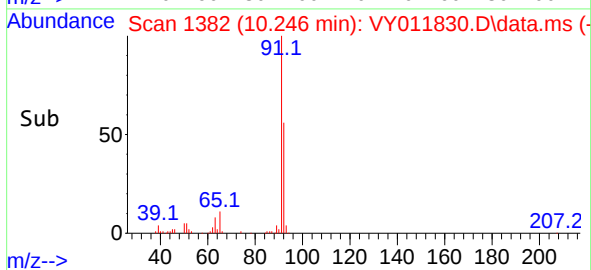
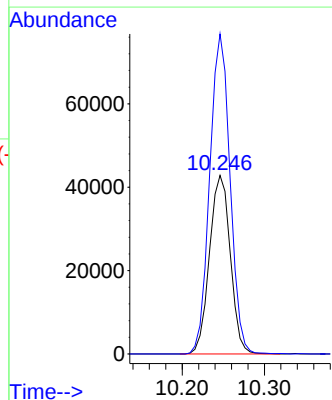
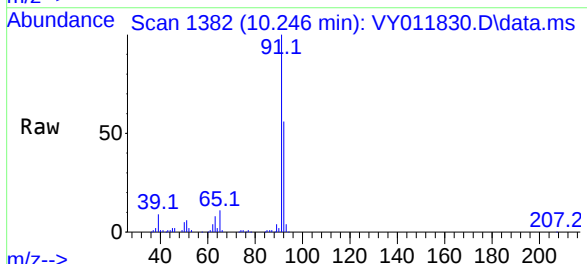
Acq: 14 Dec 2022 06:32

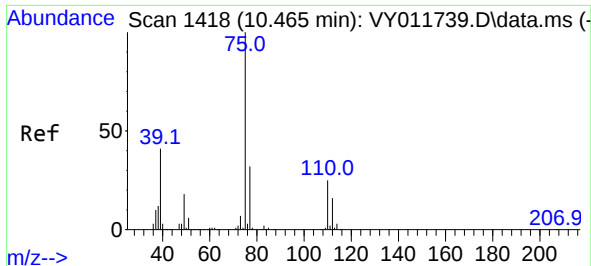
Tgt Ion: 92 Resp: 75240

Ion Ratio Lower Upper

92 100

91 175.3 137.4 206.0

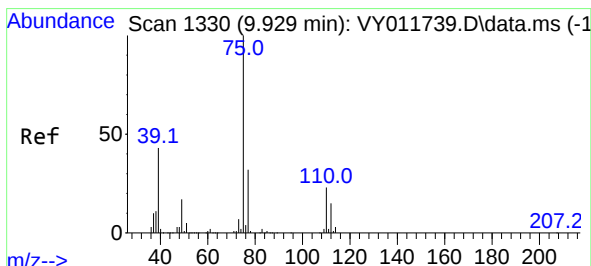
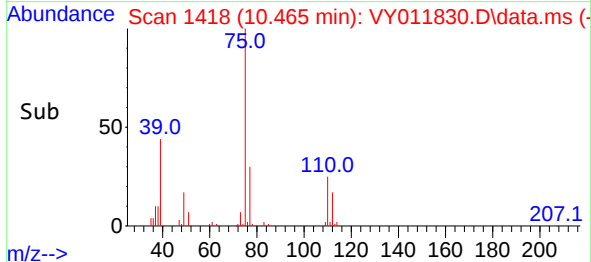
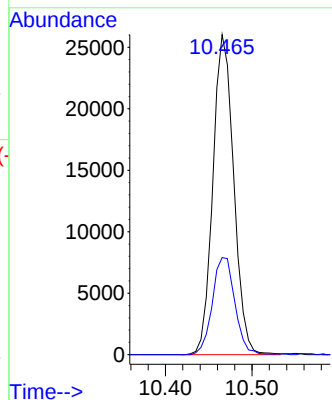
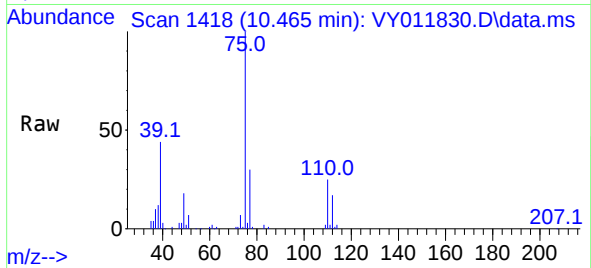




#53
t-1,3-Dichloropropene
Concen: 48.851 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

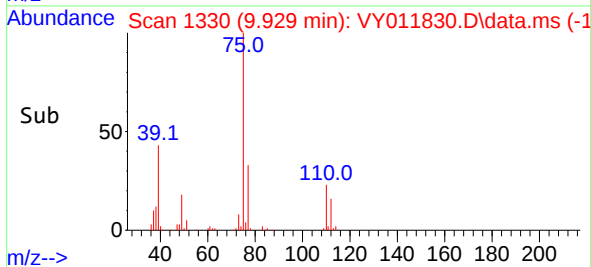
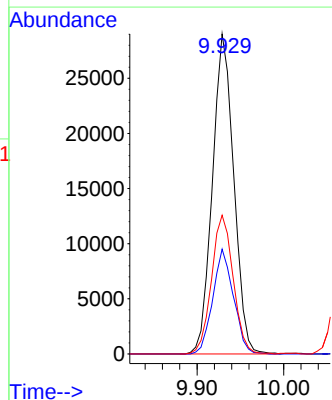
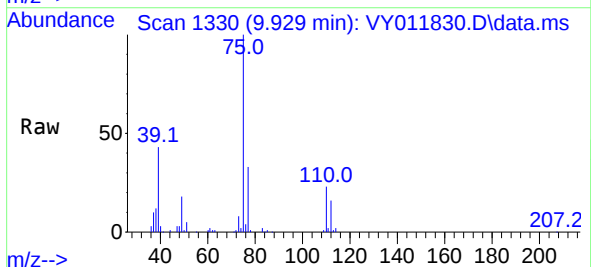
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

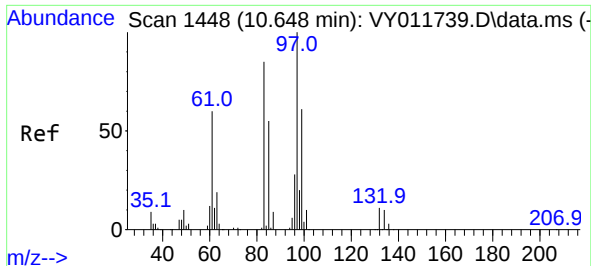
Tgt Ion: 75 Resp: 43520
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.631 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 75 Resp: 49678
Ion Ratio Lower Upper
75 100
77 32.7 25.9 38.9
39 43.3 34.6 52.0



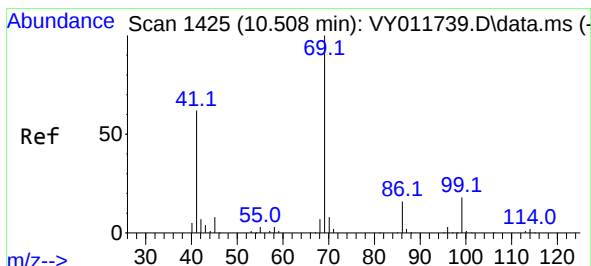
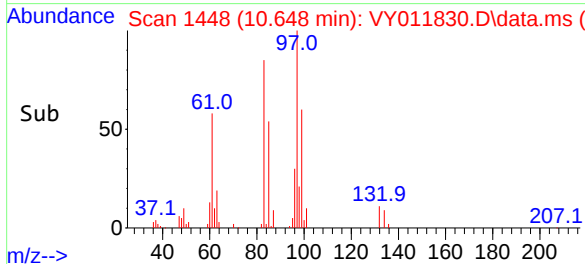
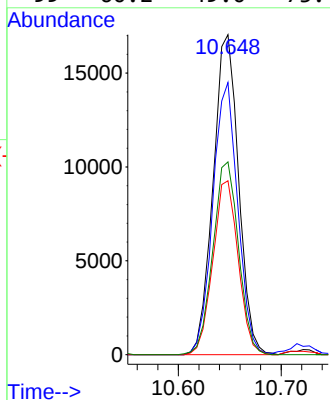
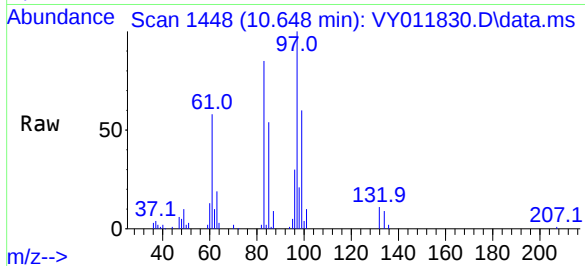


#55
1,1,2-Trichloroethane
Concen: 57.494 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

Tgt Ion: 97 Resp: 29337

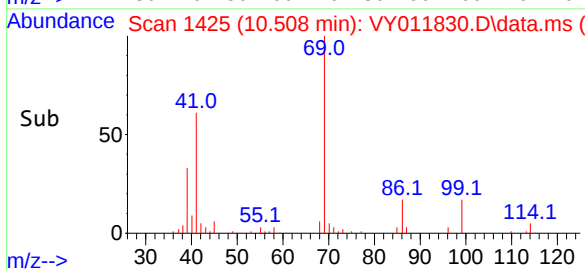
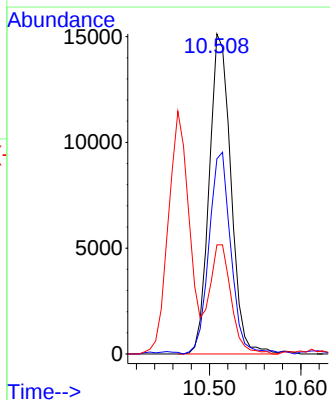
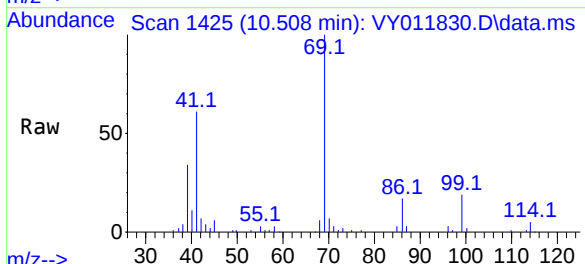
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.7	101.5
85	54.4	43.8	65.8
99	60.2	49.0	73.4

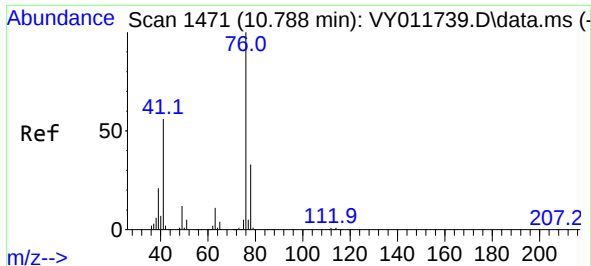


#56
Ethyl methacrylate
Concen: 37.816 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 69 Resp: 24909

Ion	Ratio	Lower	Upper
69	100		
41	63.8	48.9	73.3
39	34.0	25.9	38.9





#57

1,3-Dichloropropane

Concen: 54.858 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

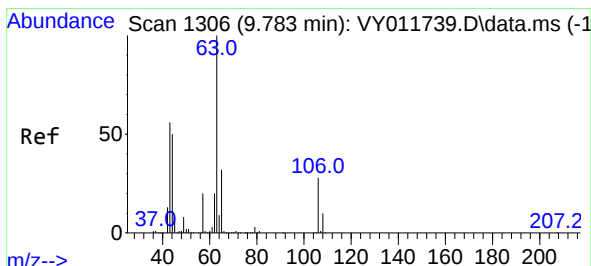
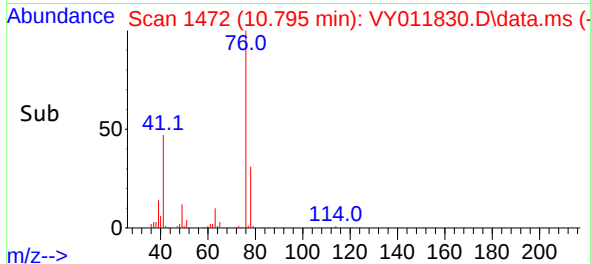
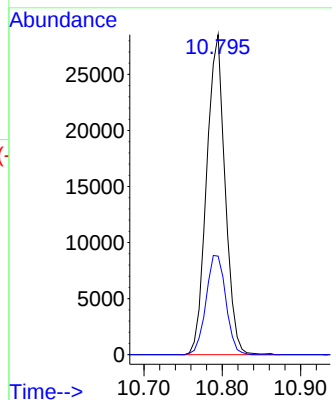
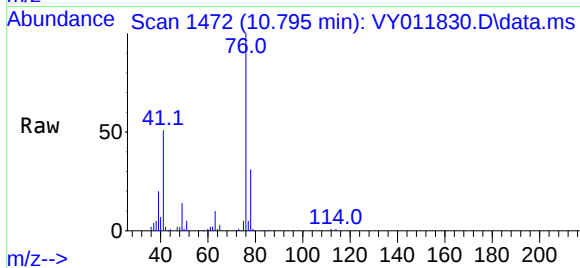
RB-25-(7-9)MSD

Tgt Ion: 76 Resp: 46660

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 242.980 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011830.D

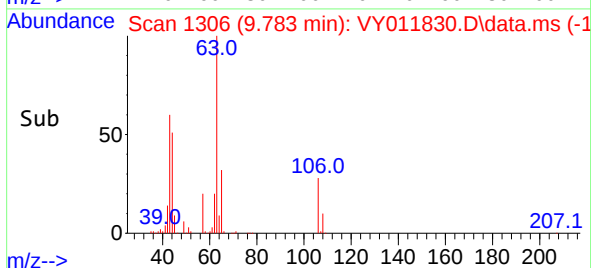
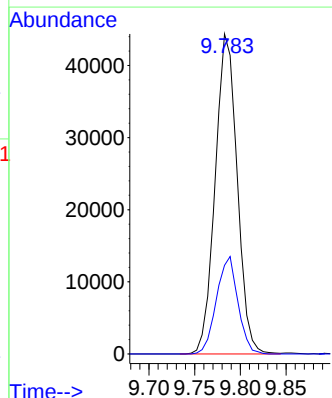
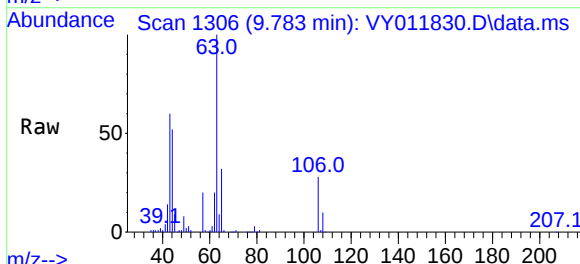
Acq: 14 Dec 2022 06:32

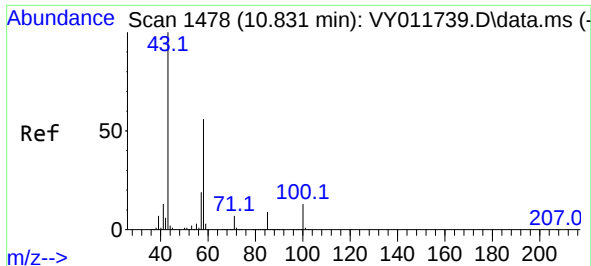
Tgt Ion: 63 Resp: 74215

Ion Ratio Lower Upper

63 100

106 29.6 23.2 34.8

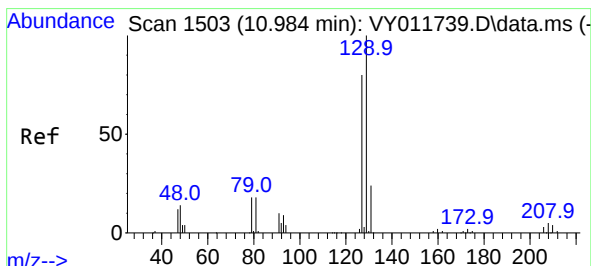
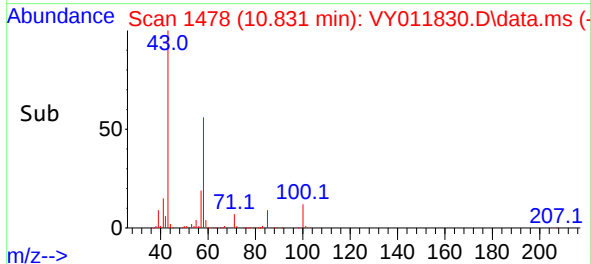
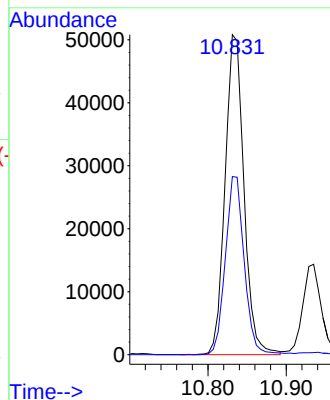
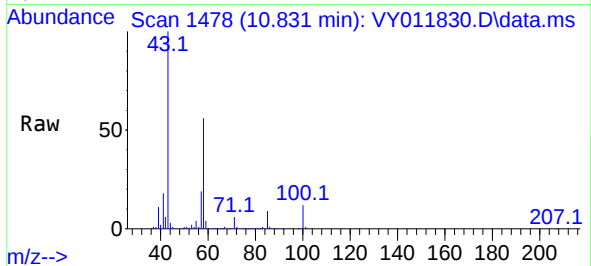




#59
2-Hexanone
Concen: 255.597 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

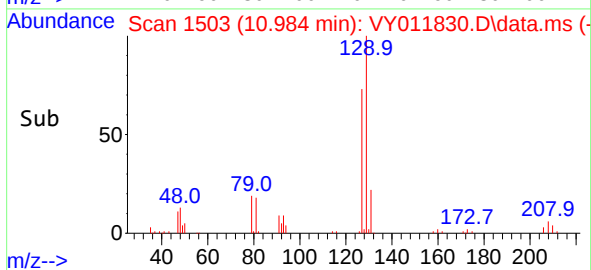
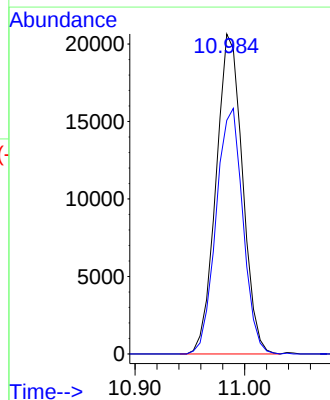
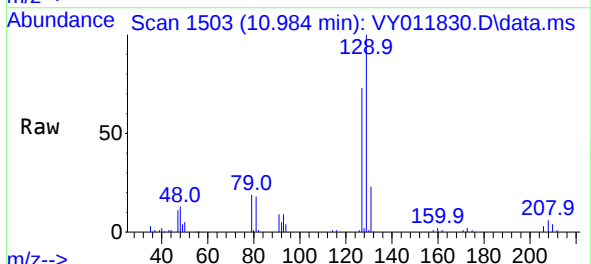
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

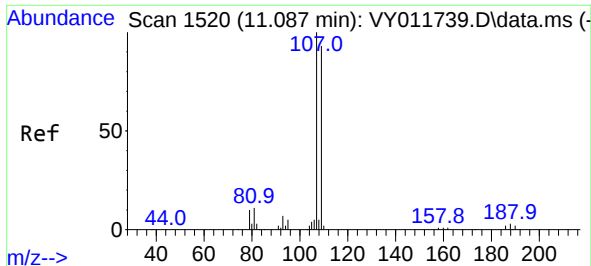
Tgt Ion: 43 Resp: 85088
Ion Ratio Lower Upper
43 100
58 55.9 28.4 85.2



#60
Dibromochloromethane
Concen: 54.225 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 129 Resp: 34655
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6

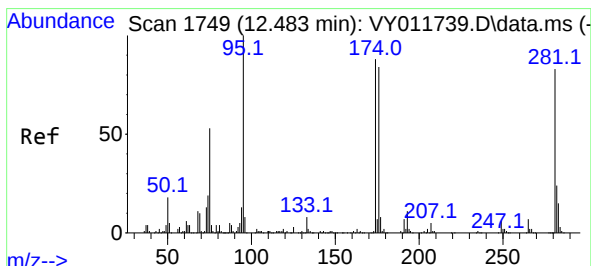
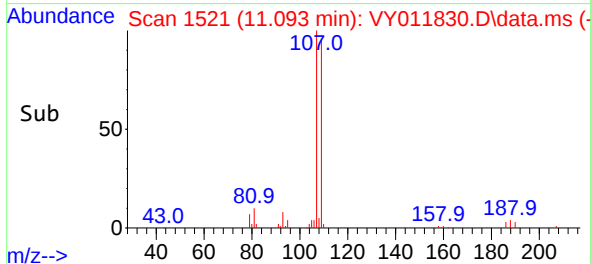
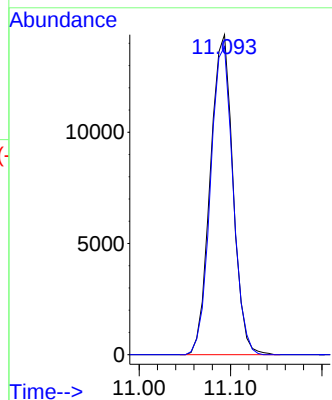
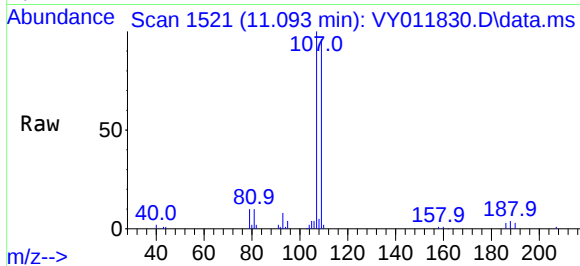




#61
1,2-Dibromoethane
Concen: 53.536 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

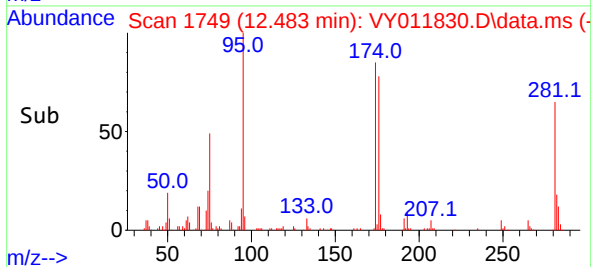
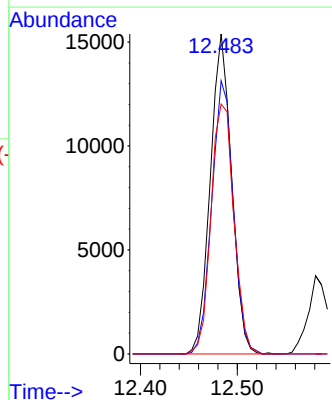
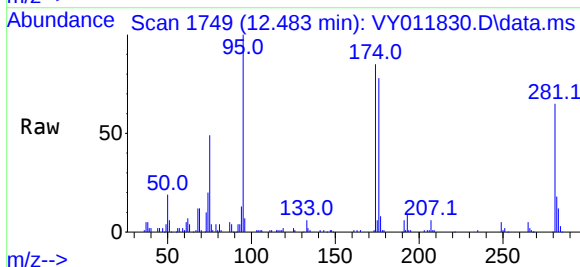
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

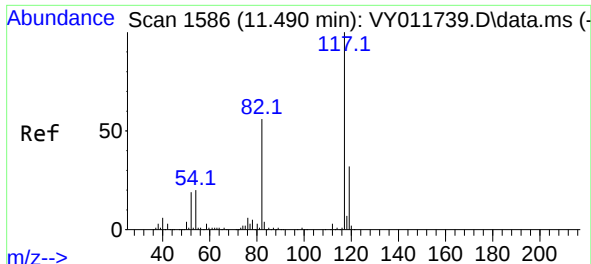
Tgt Ion:107 Resp: 24748
Ion Ratio Lower Upper
107 100
109 95.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 37.397 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 95 Resp: 23492
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.0
176 84.3 0.0 167.6

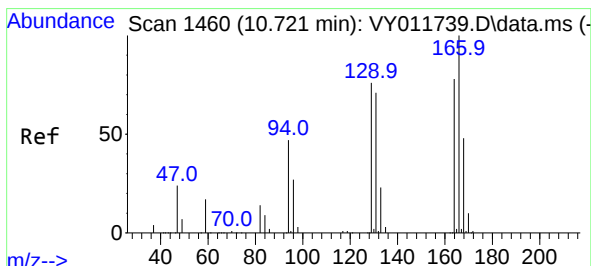
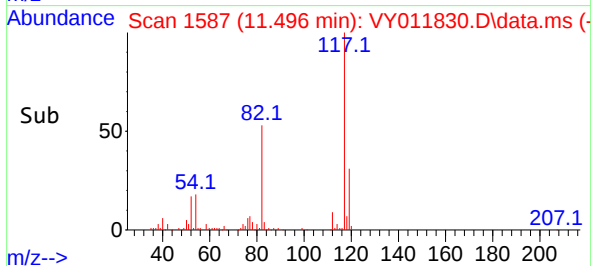
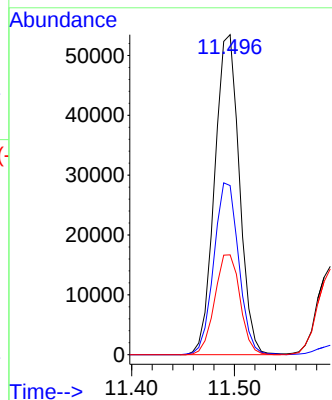
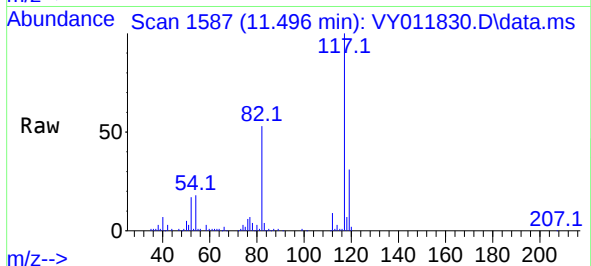




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

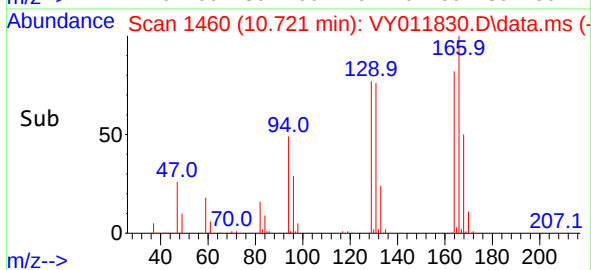
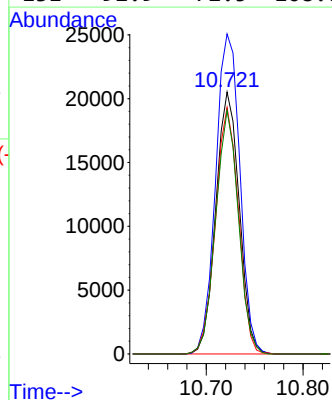
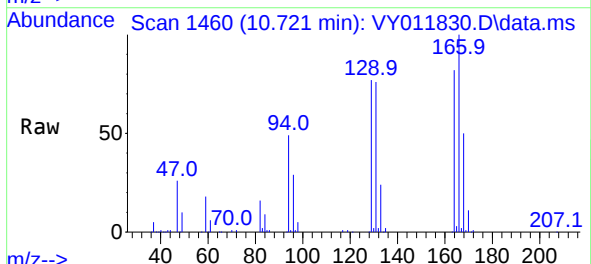
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

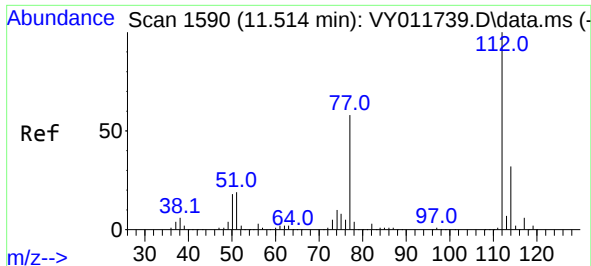
Tgt Ion:117 Resp: 89240
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 54.777 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:164 Resp: 34585
Ion Ratio Lower Upper
164 100
166 122.2 102.3 153.5
129 94.1 77.2 115.8
131 92.9 72.5 108.7

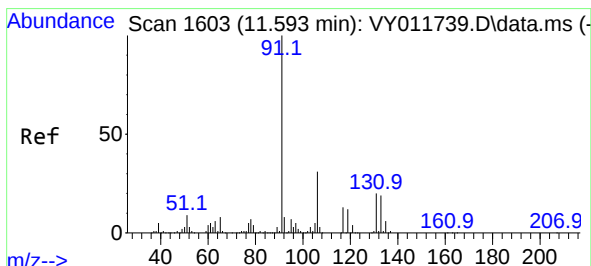
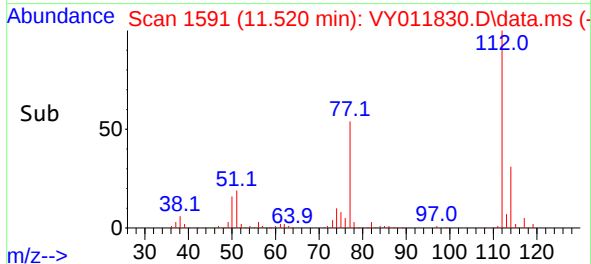
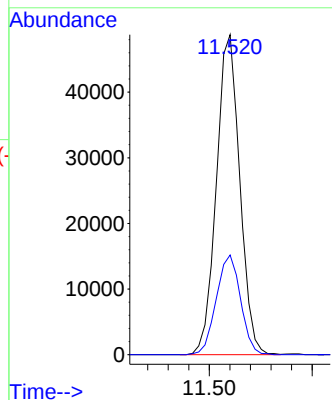
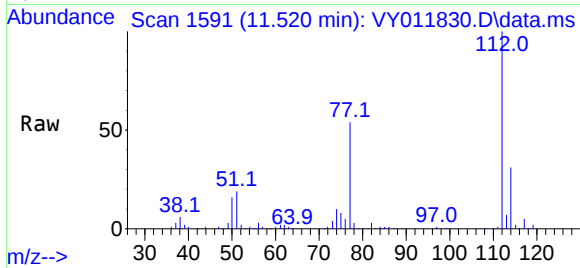




#65
Chlorobenzene
Concen: 47.781 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

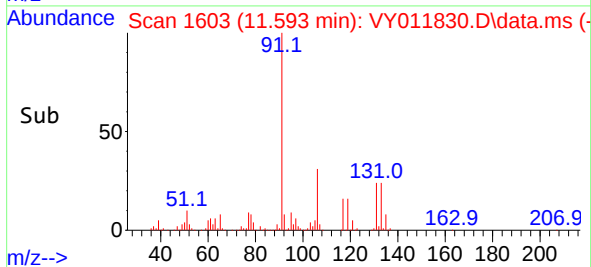
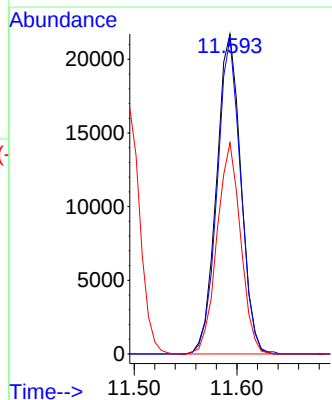
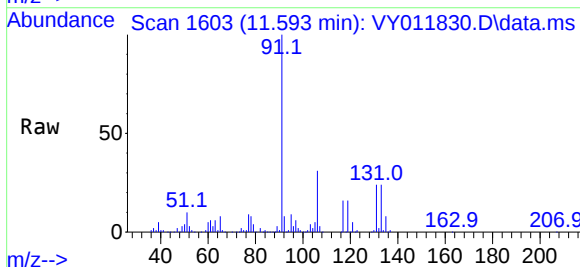
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

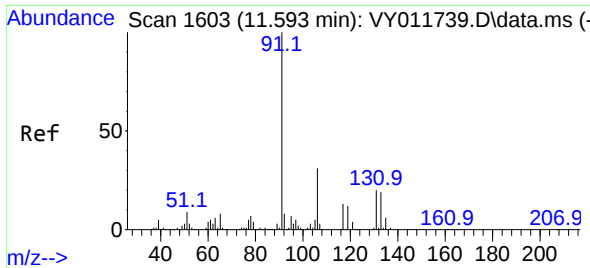
Tgt Ion:112 Resp: 76829
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 56.958 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:131 Resp: 35530
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 64.4 32.1 96.3

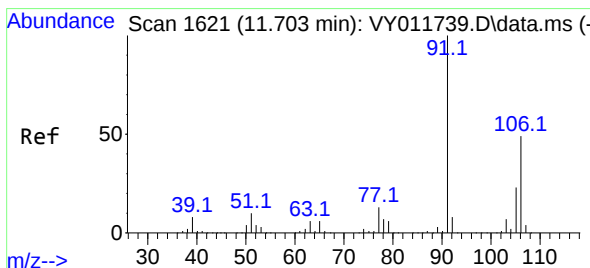
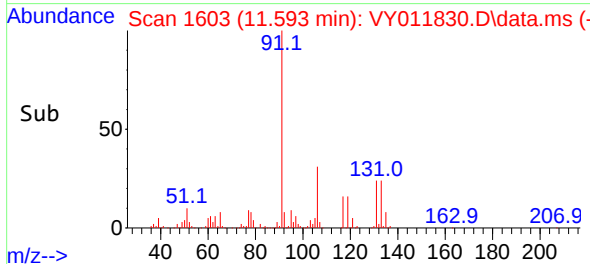
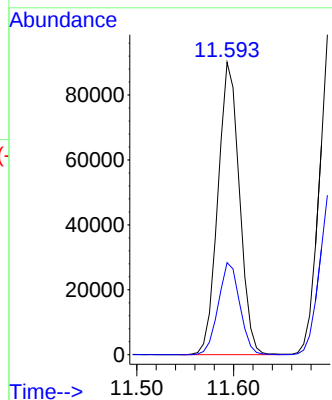
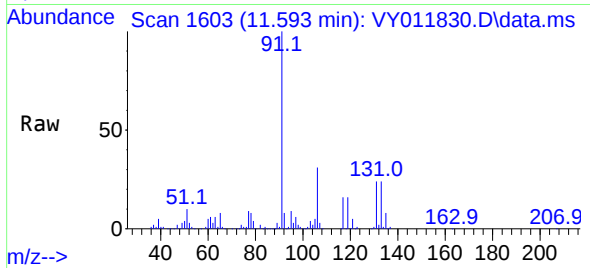




#67
Ethyl Benzene
Concen: 49.073 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

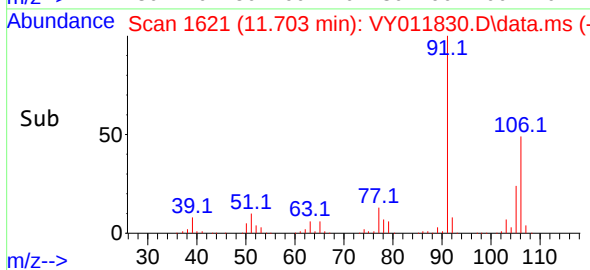
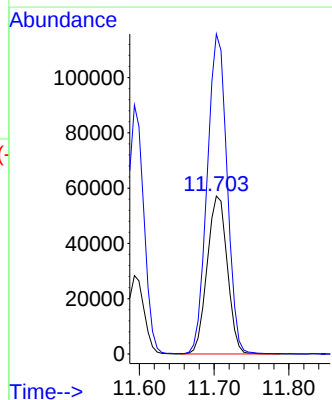
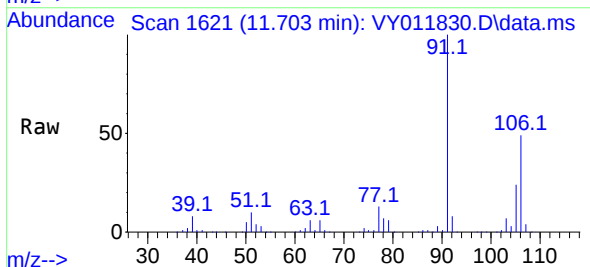
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

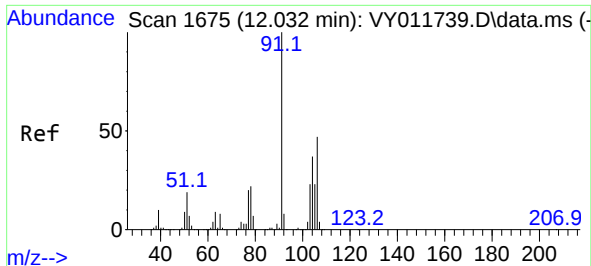
Tgt Ion: 91 Resp: 139037
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 98.563 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:106 Resp: 106944
Ion Ratio Lower Upper
106 100
91 199.8 162.5 243.7

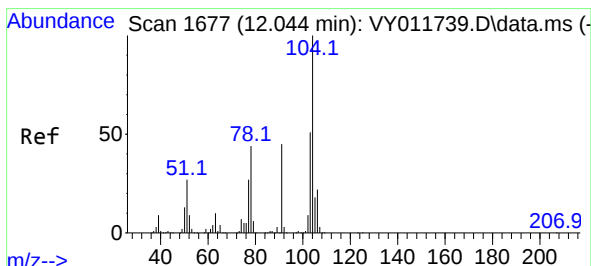
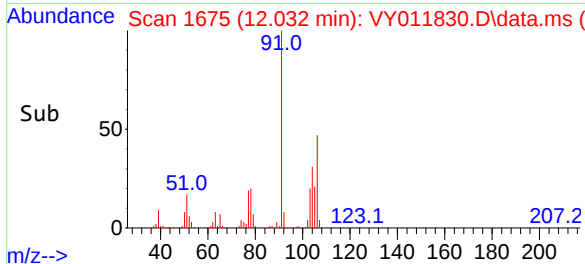
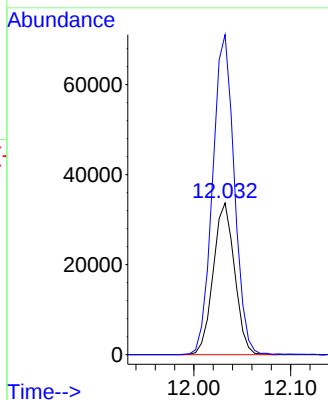
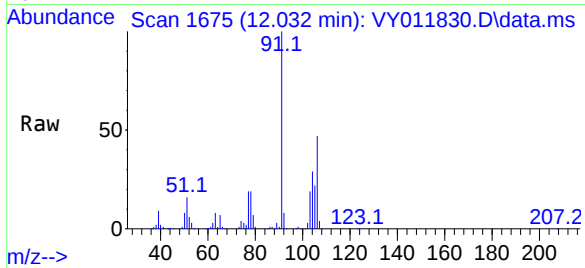




#69
o-Xylene
Concen: 49.958 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

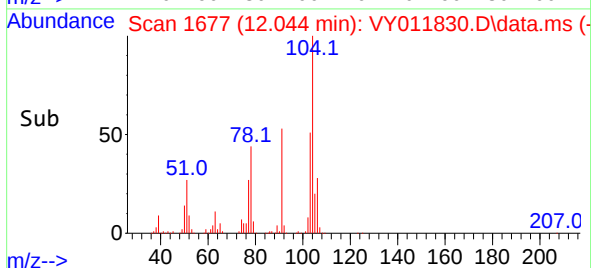
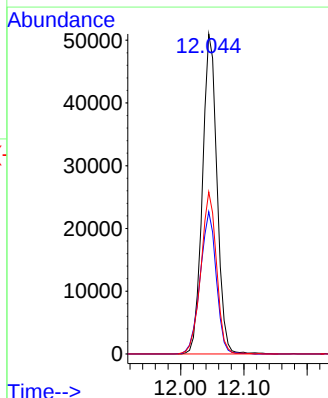
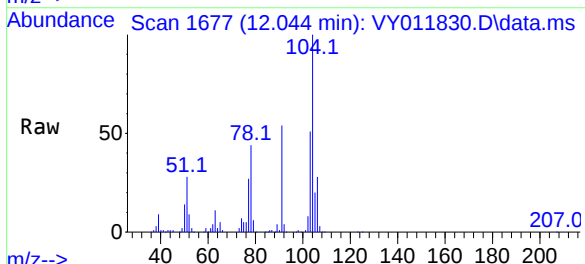
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

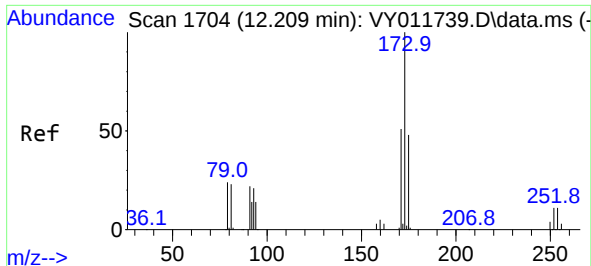
Tgt Ion:106 Resp: 51668
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.4



#70
Styrene
Concen: 46.379 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:104 Resp: 81867
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.0
103 54.2 43.0 64.4

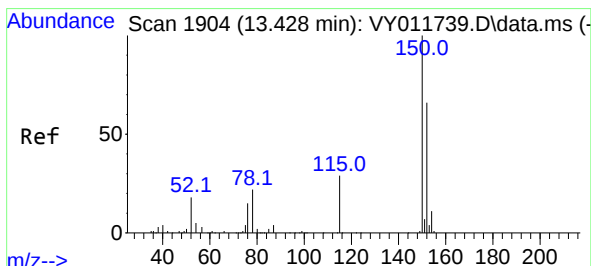
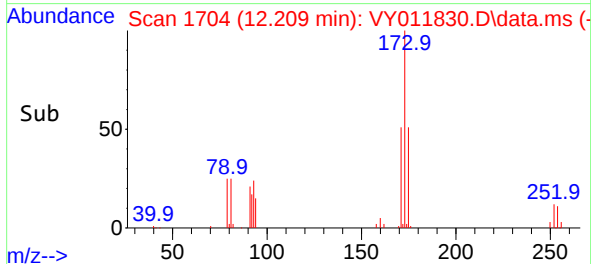
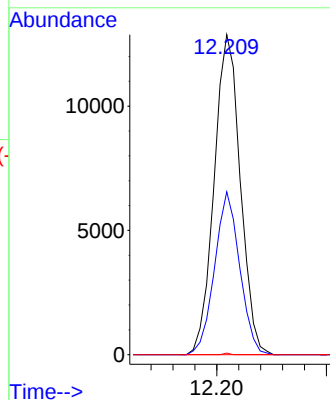
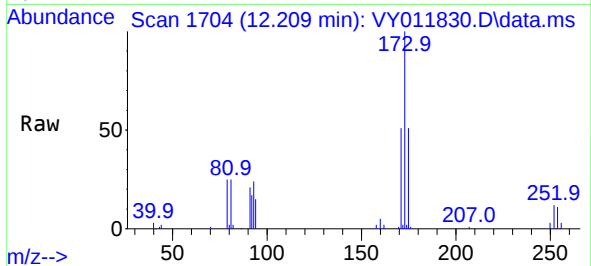




#71
Bromoform
Concen: 55.486 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

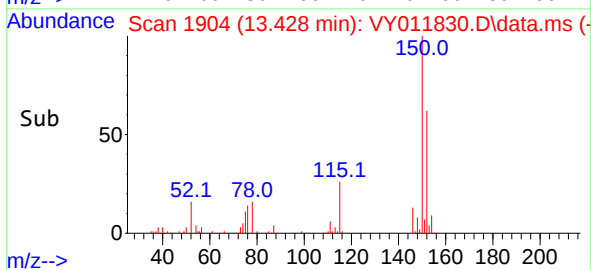
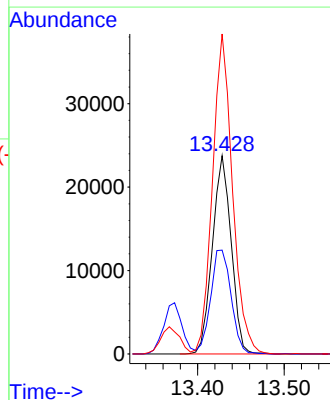
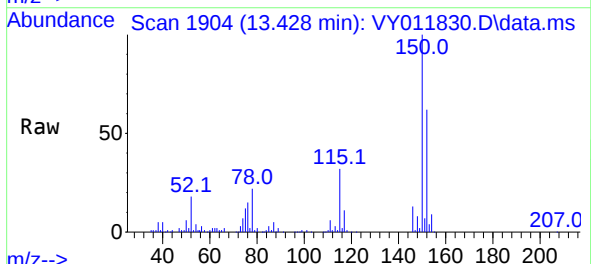
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

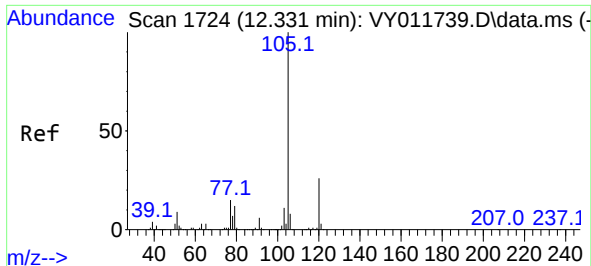
Tgt Ion:173 Resp: 21349
Ion Ratio Lower Upper
173 100
175 48.8 23.8 71.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:152 Resp: 35881
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 171.6 0.0 342.6

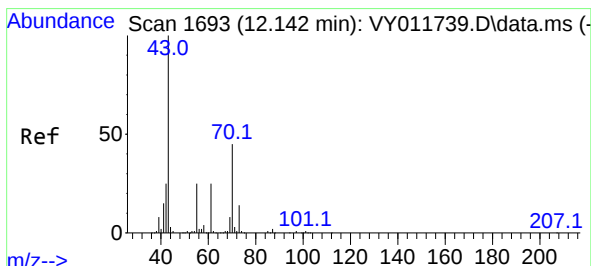
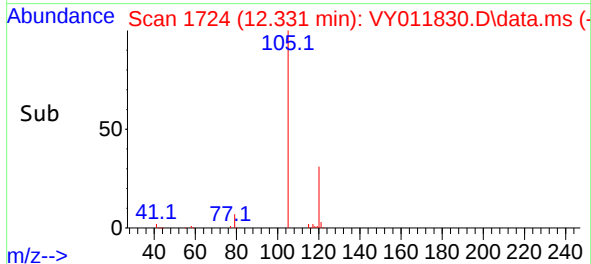
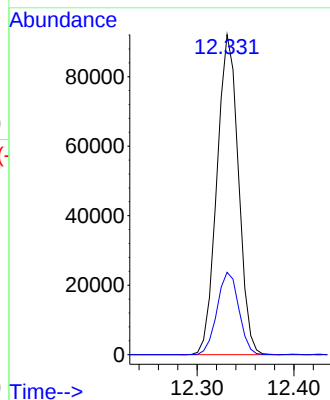
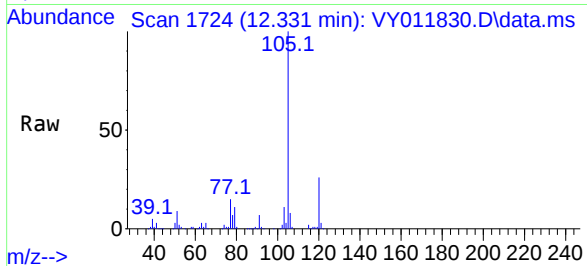




#73
Isopropylbenzene
Concen: 61.077 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

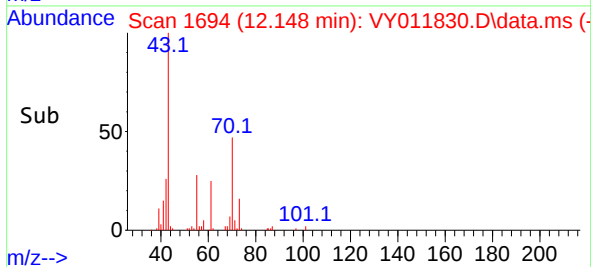
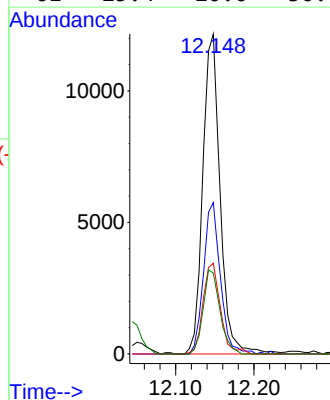
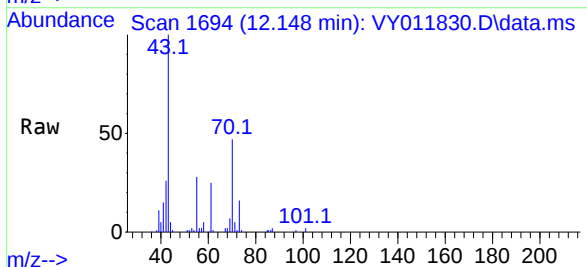
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

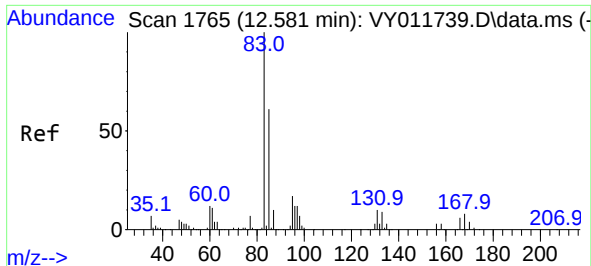
Tgt Ion:105 Resp: 141988
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



#74
N-ethyl acetate
Concen: 33.412 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 43 Resp: 18675
Ion Ratio Lower Upper
43 100
70 45.7 35.8 53.8
55 28.3 21.0 31.4
61 25.4 20.0 30.0

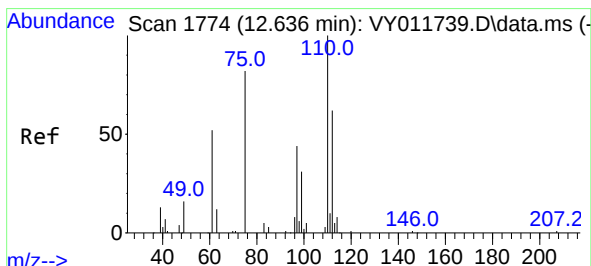
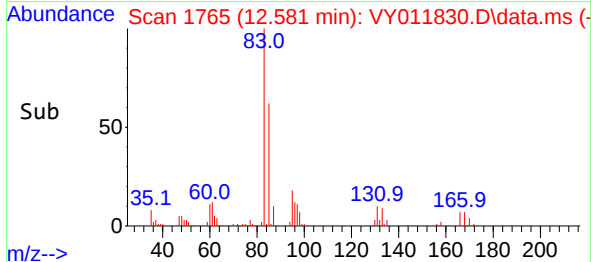
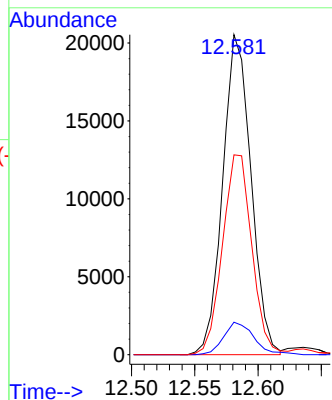
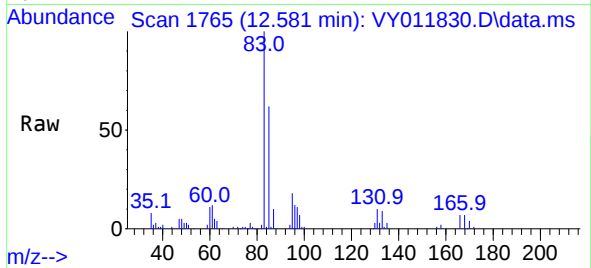




#75
1,1,2,2-Tetrachloroethane
Concen: 70.561 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

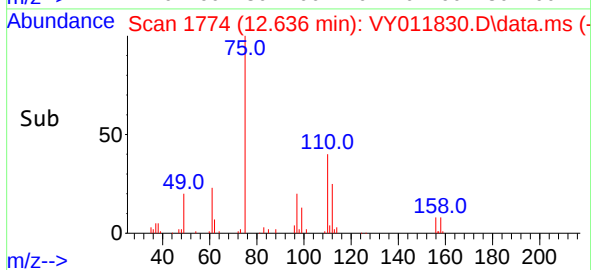
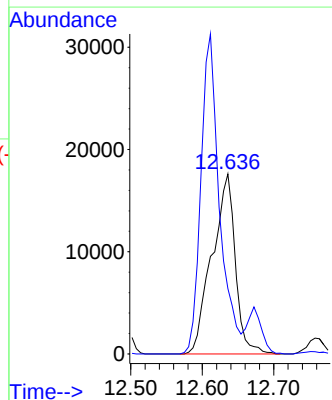
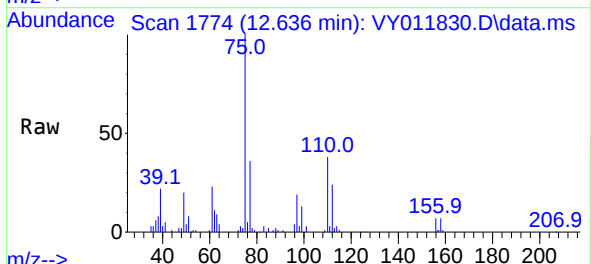
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

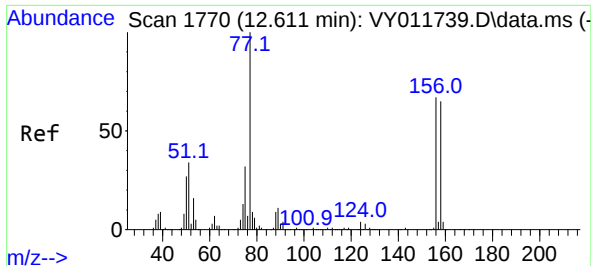
Tgt Ion: 83 Resp: 31946
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 64.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 109.723 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 75 Resp: 39832
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

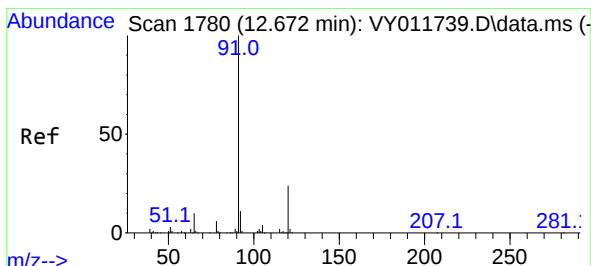
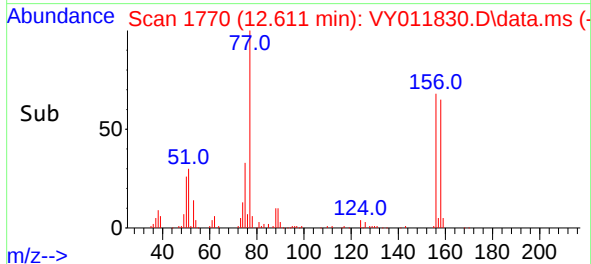
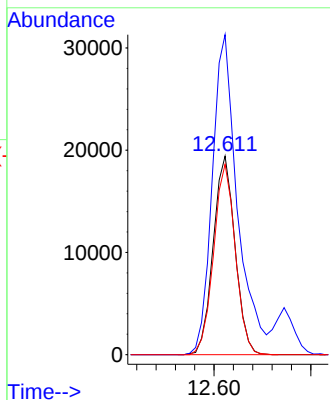
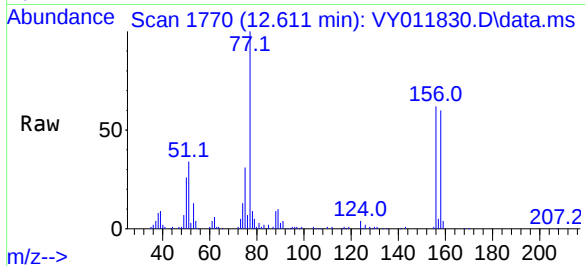




#77
Bromobenzene
Concen: 56.064 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

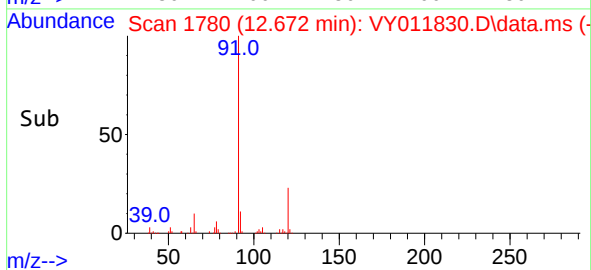
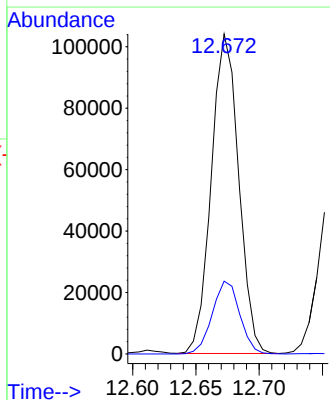
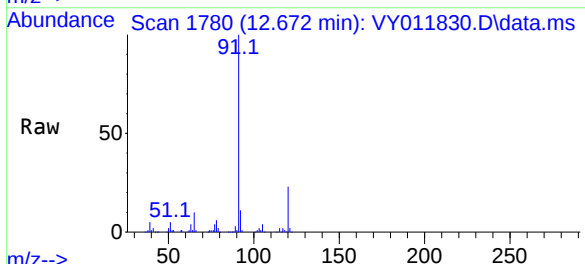
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

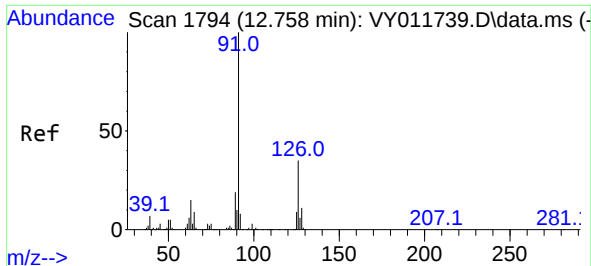
Tgt Ion:156 Resp: 30431
Ion Ratio Lower Upper
156 100
77 185.6 90.0 270.0
158 95.4 48.4 145.2



#78
n-propylbenzene
Concen: 56.156 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 91 Resp: 156446
Ion Ratio Lower Upper
91 100
120 22.8 11.8 35.4

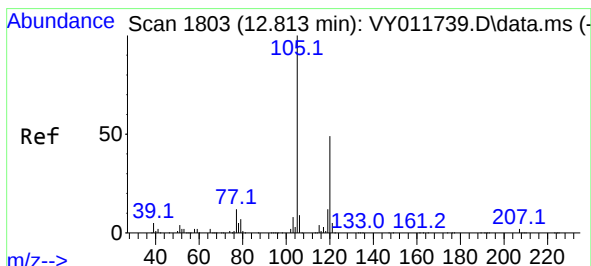
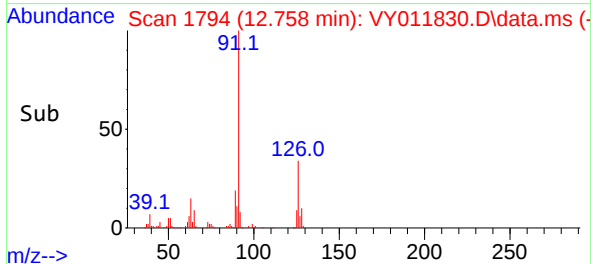
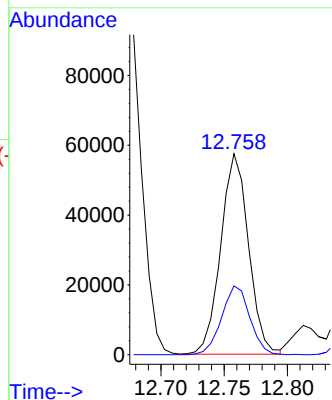
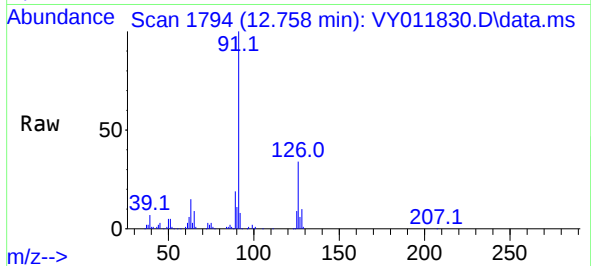




#79
2-Chlorotoluene
Concen: 55.243 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

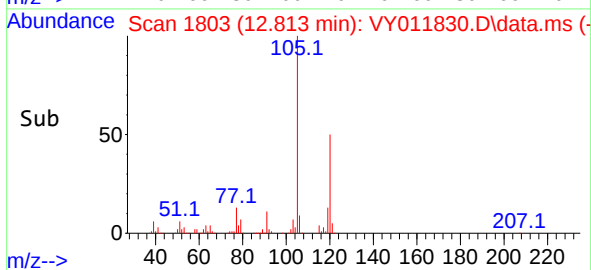
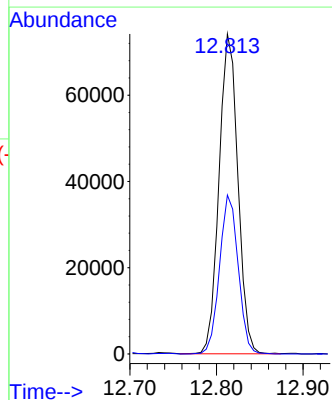
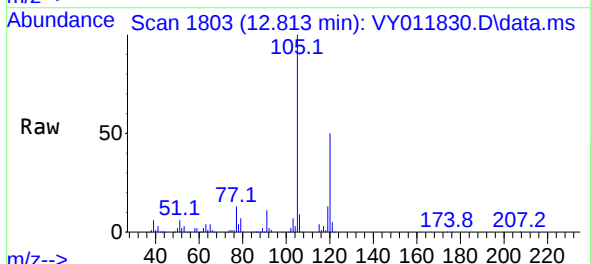
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

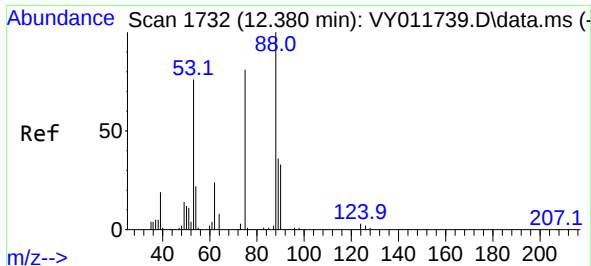
Tgt Ion: 91 Resp: 87836
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 56.979 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 105 Resp: 111962
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6

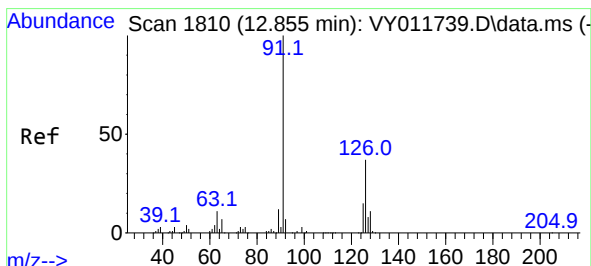
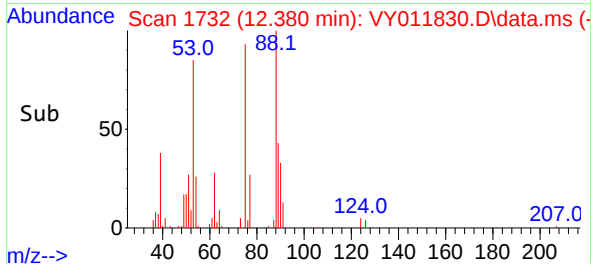
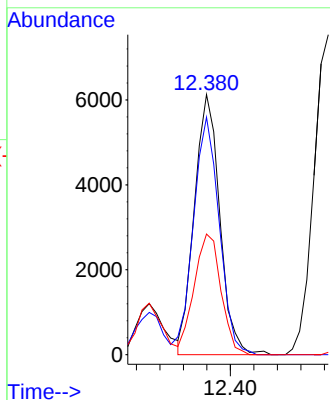
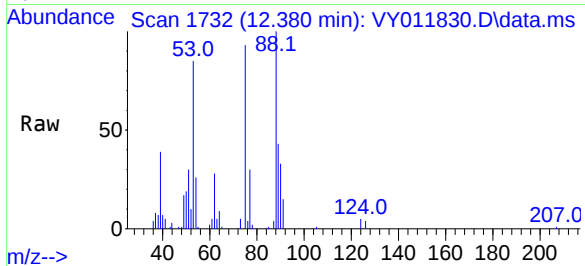




#81
trans-1,4-Dichloro-2-butene
Concen: 57.483 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

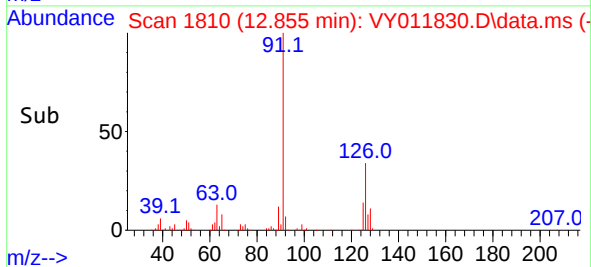
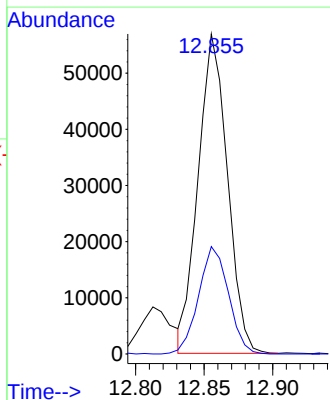
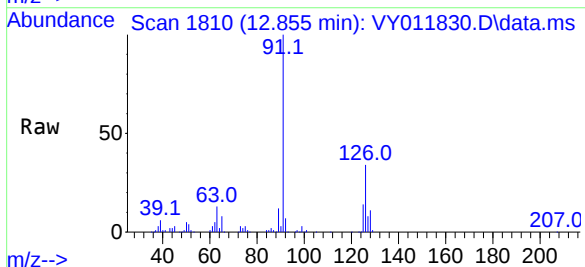
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

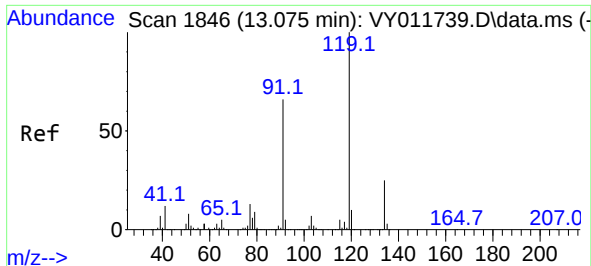
Tgt Ion: 75 Resp: 9196
Ion Ratio Lower Upper
75 100
53 93.4 72.5 108.7
89 49.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.266 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion: 91 Resp: 84545
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

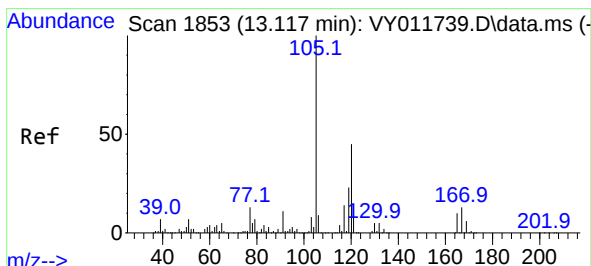
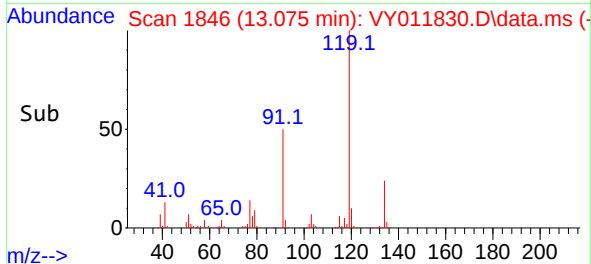
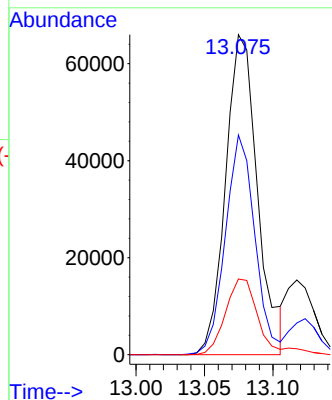
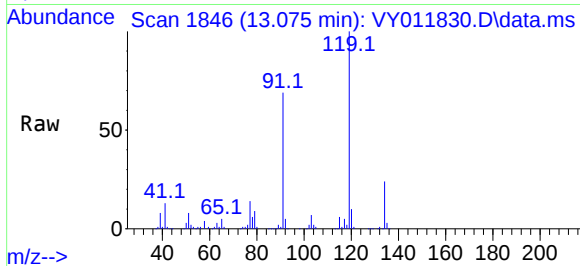




#83
tert-Butylbenzene
Concen: 62.636 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

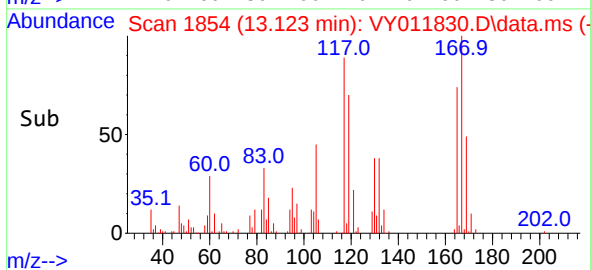
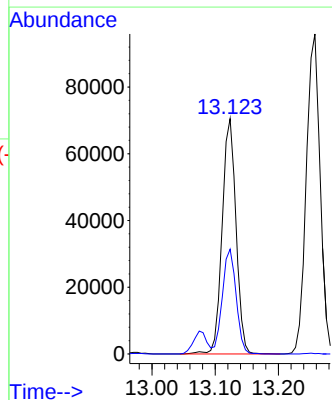
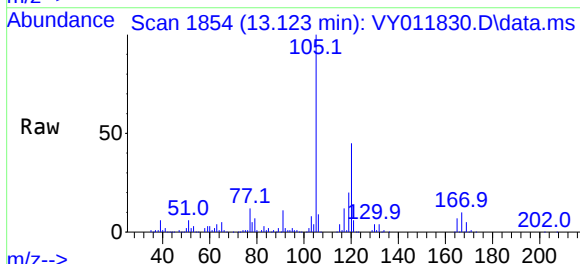
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

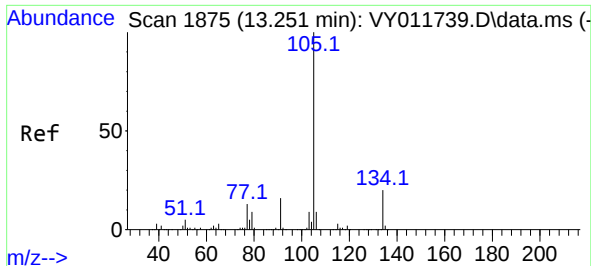
Tgt Ion:	119	Resp:	107170
Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.3	96.8
134	24.8	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 55.173 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:	105	Resp:	106745
Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.9	68.7

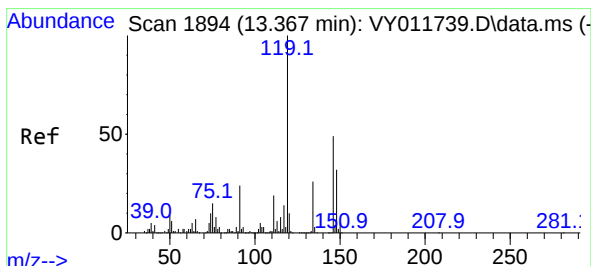
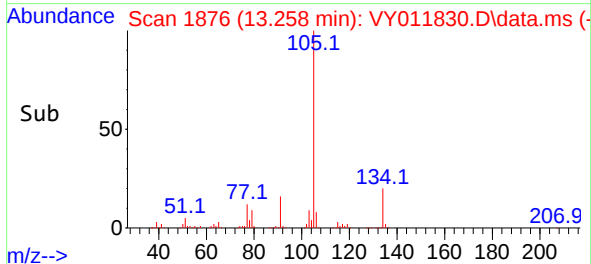
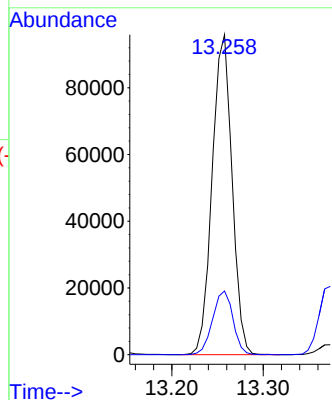
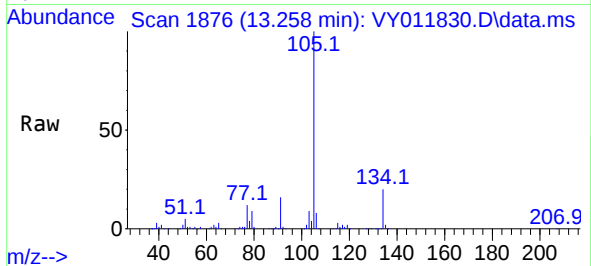




#85
sec-Butylbenzene
Concen: 56.834 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

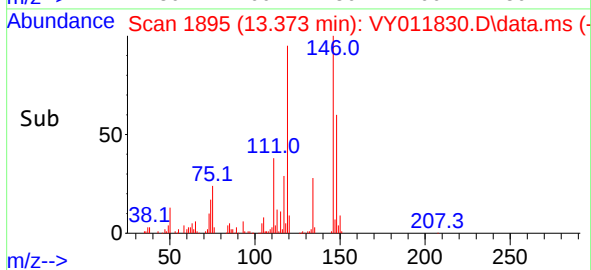
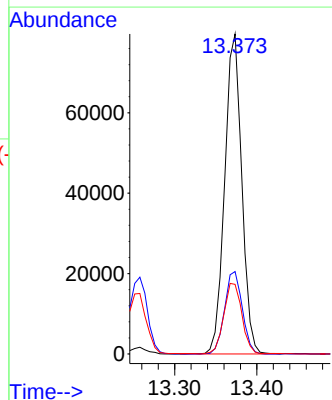
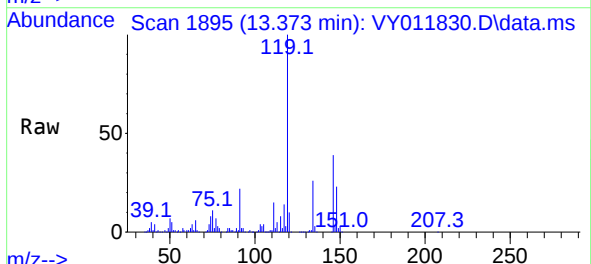
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

Tgt Ion:105 Resp: 144820
Ion Ratio Lower Upper
105 100
134 20.4 10.1 30.3



#86
p-Isopropyltoluene
Concen: 54.258 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:119 Resp: 115070
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 23.5 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.929 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)MSD

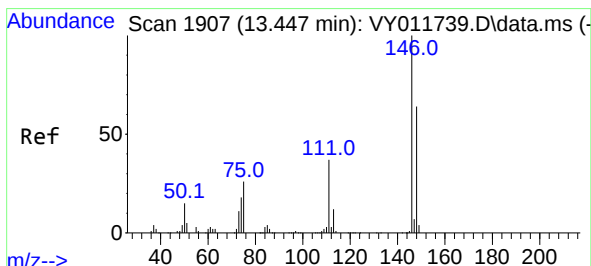
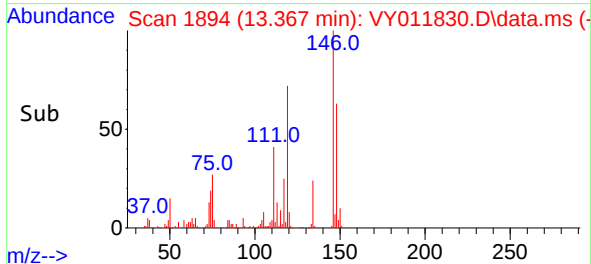
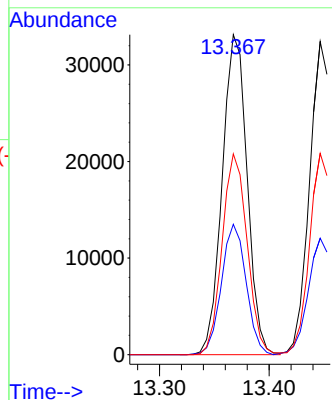
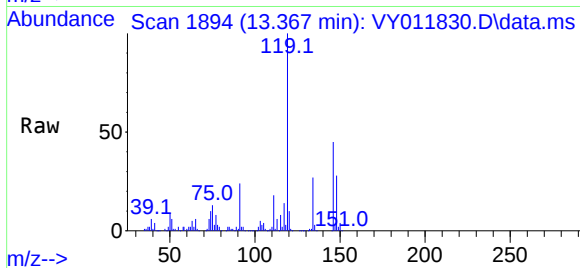
Tgt Ion:146 Resp: 52353

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 62.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.051 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

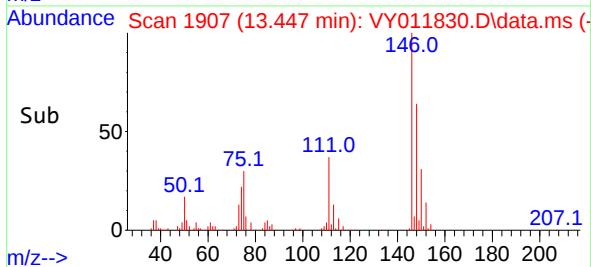
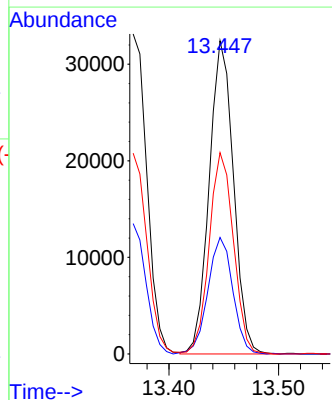
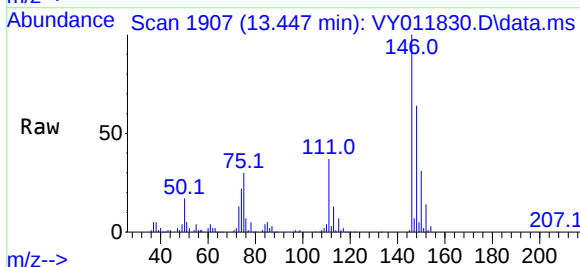
Tgt Ion:146 Resp: 49994

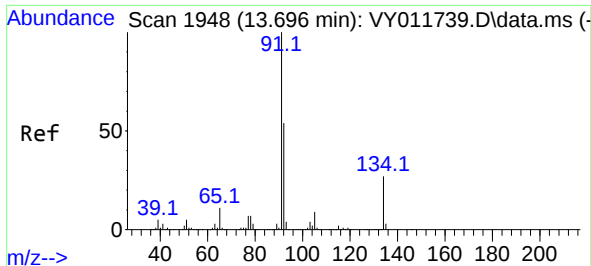
Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 45.290 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)MSD

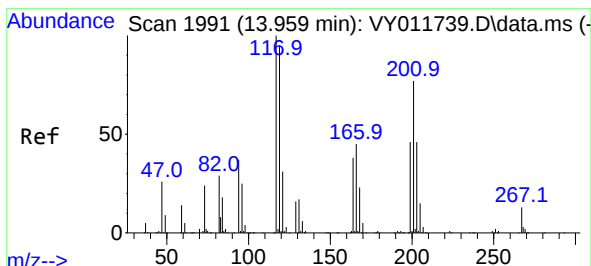
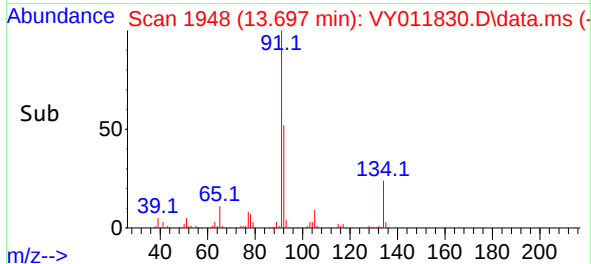
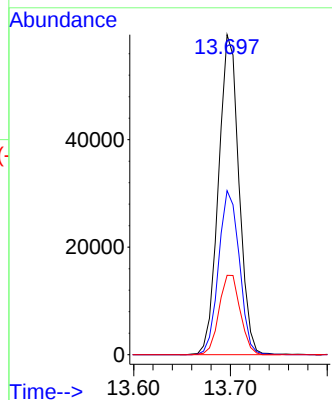
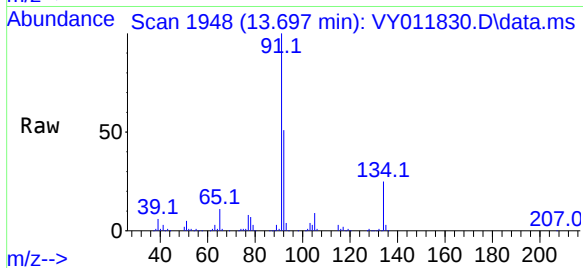
Tgt Ion: 91 Resp: 87315

Ion Ratio Lower Upper

91 100

92 52.1 26.8 80.4

134 25.7 13.3 39.8



#90

Hexachloroethane

Concen: 56.153 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011830.D

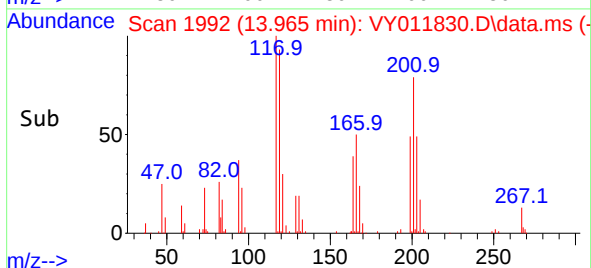
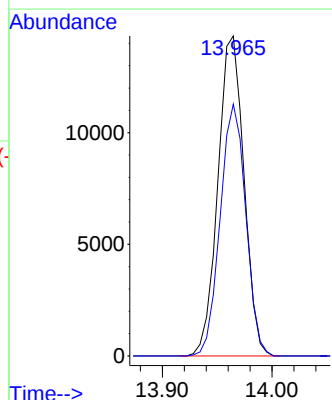
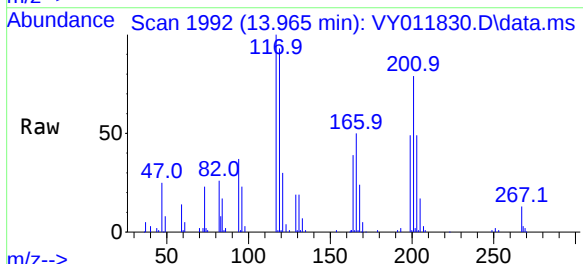
Acq: 14 Dec 2022 06:32

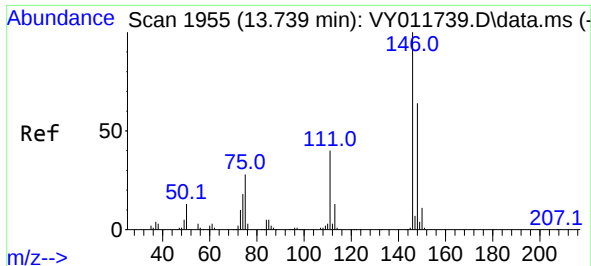
Tgt Ion: 117 Resp: 23664

Ion Ratio Lower Upper

117 100

201 77.2 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 49.164 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(7-9)MSD

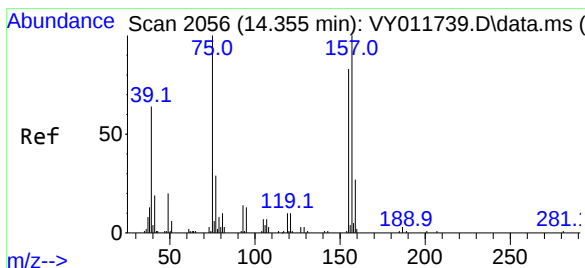
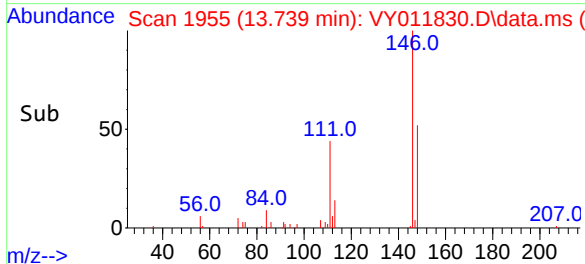
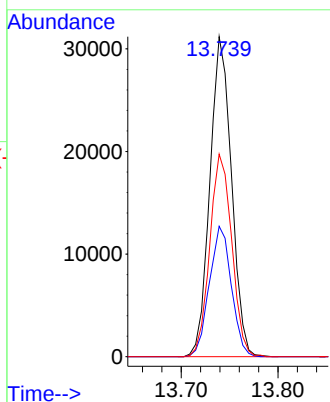
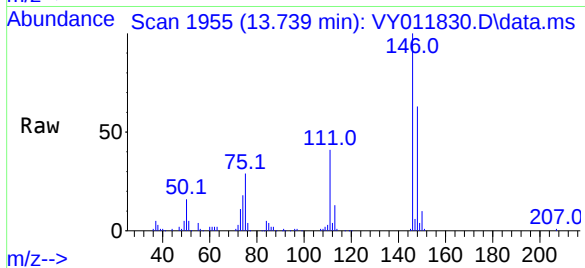
Tgt Ion:146 Resp: 48326

Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.8

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.957 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY011830.D

Acq: 14 Dec 2022 06:32

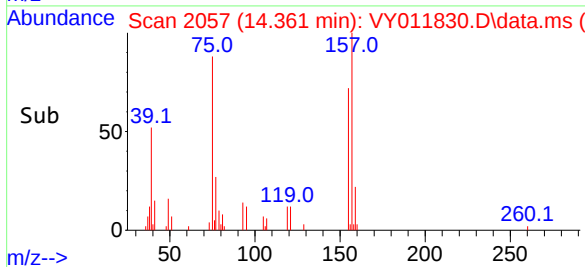
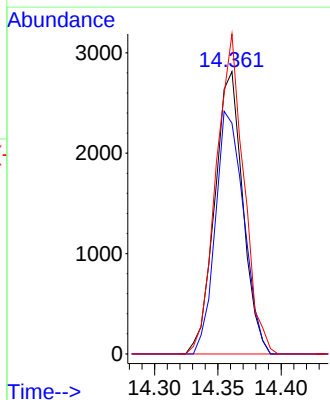
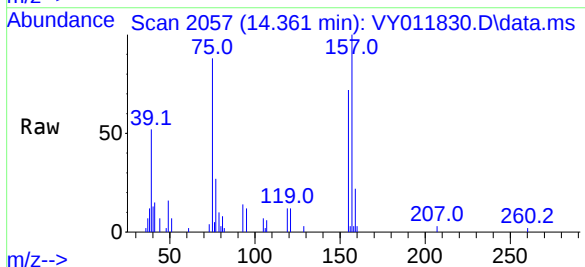
Tgt Ion: 75 Resp: 4338

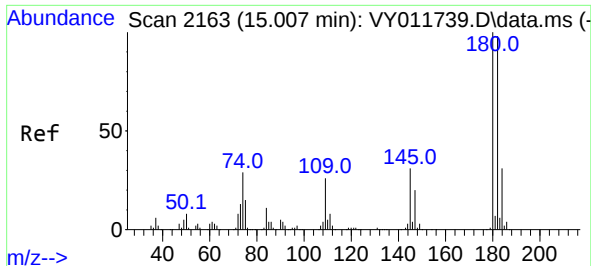
Ion Ratio Lower Upper

75 100

155 87.2 42.3 126.8

157 111.8 54.4 163.3

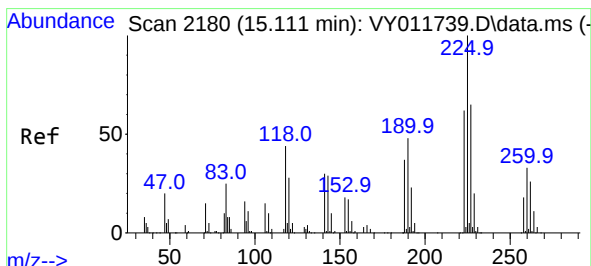
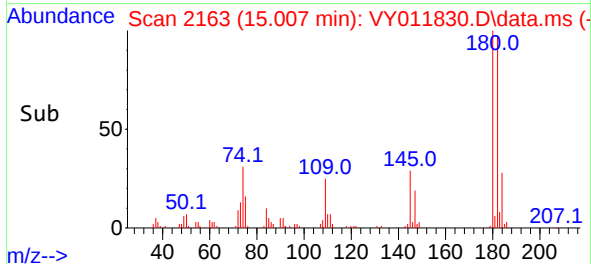
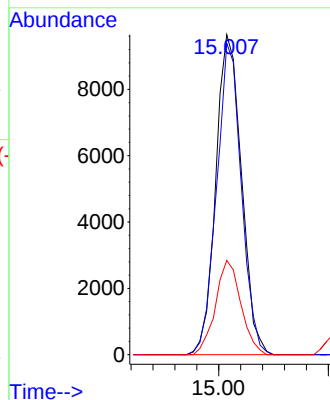
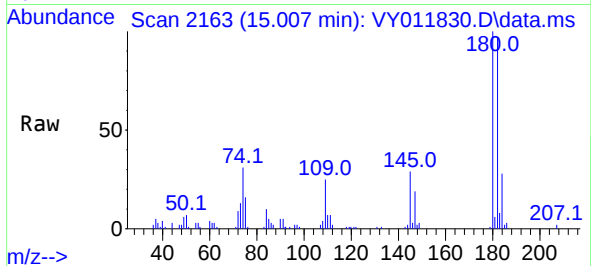




#93
1,2,4-Trichlorobenzene
Concen: 27.335 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

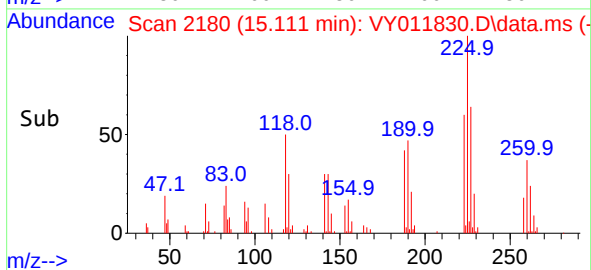
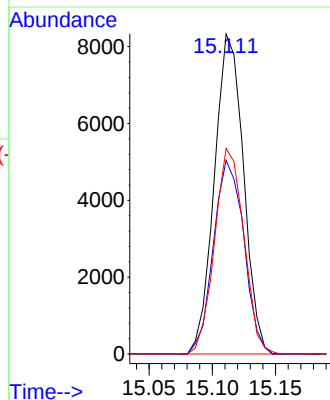
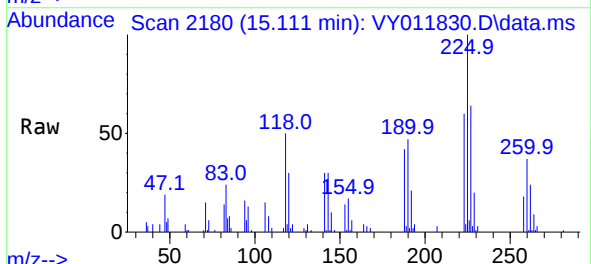
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

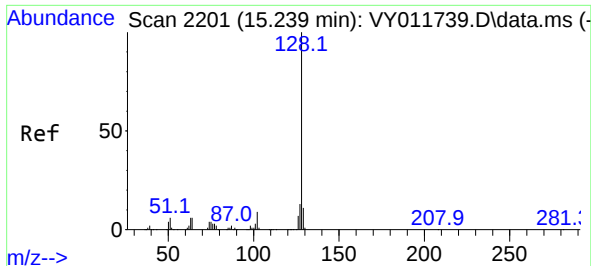
Tgt Ion:	180	Resp:	15671
Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.3
145	29.2	15.4	46.4



#94
Hexachlorobutadiene
Concen: 36.573 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:	225	Resp:	13322
Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.4	94.2
227	64.5	32.6	97.8

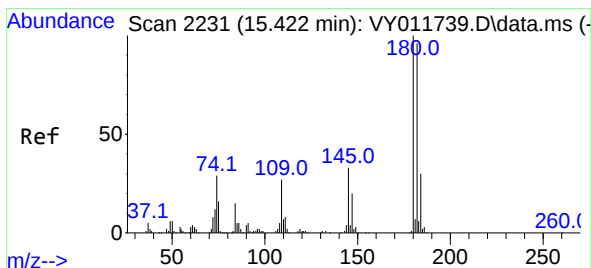
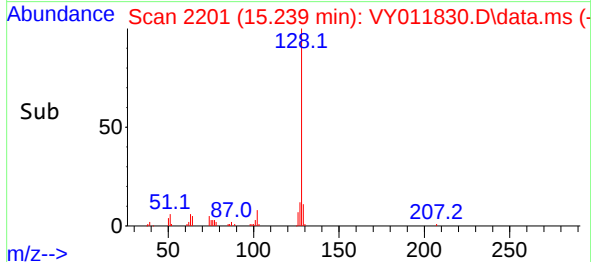
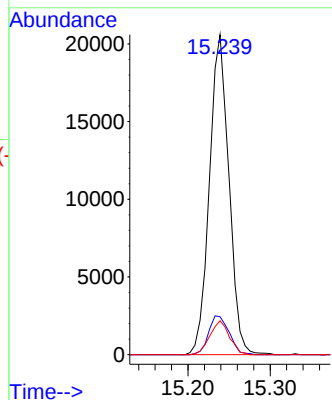
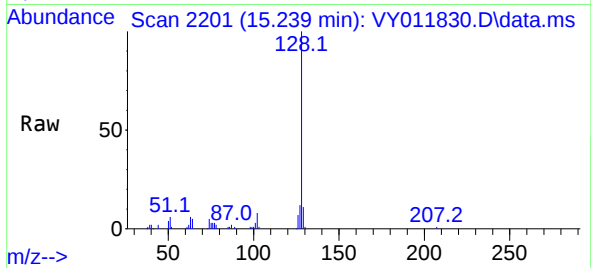




#95
Naphthalene
Concen: 30.519 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(7-9)MSD

Tgt Ion:128 Resp: 33888
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 26.815 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011830.D
Acq: 14 Dec 2022 06:32

Tgt Ion:180 Resp: 13279
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.7
145 32.7 16.1 48.2

