

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
 Data File : VY012491.D
 Acq On : 06 Feb 2023 12:59
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 03:27:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 06 15:22:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9041	4.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.840%#
35) Dibromofluoromethane	7.716	113	7885	4.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.920%#
50) Toluene-d8	10.179	98	32226	4.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.760%#
62) 4-Bromofluorobenzene	12.483	95	11016	4.961	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.920%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	7006	2.341	ug/l	87
3) Chloromethane	2.113	50	6530	5.730	ug/l	95
4) Vinyl Chloride	2.253	62	7618	5.390	ug/l	93
5) Bromomethane	2.650	94	6834	3.534	ug/l	98
6) Chloroethane	2.790	64	5362	5.489	ug/l	91
7) Trichlorofluoromethane	3.119	101	15627	5.351	ug/l	97
8) Diethyl Ether	3.527	74	4561	5.145	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.905	101	7595	5.191	ug/l	92
10) Methyl Iodide	4.088	142	8834	4.459	ug/l	92
11) Tert butyl alcohol	4.936	59	11403	42.454	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	7611	5.231	ug/l	85
13) Acrolein	3.729	56	5841	25.135	ug/l	96
14) Allyl chloride	4.472	41	8573	4.822	ug/l #	83
15) Acrylonitrile	5.161	53	10643	25.416	ug/l	98
16) Acetone	3.948	43	10060	22.118	ug/l	95
17) Carbon Disulfide	4.192	76	20602	5.417	ug/l	100
18) Methyl Acetate	4.472	43	6869	6.148	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	21820	4.984	ug/l #	90
20) Methylene Chloride	4.710	84	16866	4.640	ug/l #	89
21) trans-1,2-Dichloroethene	5.222	96	8494	5.337	ug/l	88
22) Diisopropyl ether	6.112	45	18072	4.911	ug/l #	93
23) Vinyl Acetate	6.057	43	48608	21.519	ug/l #	84
24) 1,1-Dichloroethane	6.015	63	13306	5.226	ug/l	97
25) 2-Butanone	6.984	43	12514	24.085	ug/l	96
26) 2,2-Dichloropropane	6.972	77	15891	5.542	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	9225	5.022	ug/l	97
28) Bromochloromethane	7.326	49	3516	3.767	ug/l #	56
29) Tetrahydrofuran	7.344	42	6704	23.628	ug/l #	80
30) Chloroform	7.502	83	15858	5.197	ug/l	93
31) Cyclohexane	7.783	56	13166	5.937	ug/l #	72
32) 1,1,1-Trichloroethane	7.697	97	15572	5.193	ug/l	97
36) 1,1-Dichloropropene	7.917	75	10660	4.944	ug/l	93
37) Ethyl Acetate	7.076	43	5357	5.207	ug/l #	77
38) Carbon Tetrachloride	7.899	117	14964	5.189	ug/l	98
39) Methylcyclohexane	9.179	83	13295	5.035	ug/l	92
40) Benzene	8.161	78	32736	5.071	ug/l	98

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 03:27:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 06 15:22:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	4228	6.941	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	10744	5.094	ug/l	97
43) Isopropyl Acetate	8.270	43	9291	4.858	ug/l #	92
44) Trichloroethene	8.935	130	9846	5.069	ug/l	95
45) 1,2-Dichloropropane	9.215	63	7305	5.229	ug/l	98
46) Dibromomethane	9.307	93	4677	5.031	ug/l	95
47) Bromodichloromethane	9.496	83	11569	4.880	ug/l	98
48) Methyl methacrylate	9.289	41	3936	4.516	ug/l	83
49) 1,4-Dioxane	9.301	88	1207	91.008	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	23219	22.357	ug/l	95
52) Toluene	10.240	92	21893	5.039	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	11940	4.894	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12805	4.905	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	6675	4.909	ug/l	98
56) Ethyl methacrylate	10.508	69	7855	4.458	ug/l	90
57) 1,3-Dichloropropane	10.788	76	10594	4.842	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	15053	19.059	ug/l #	84
59) 2-Hexanone	10.831	43	16202	20.909	ug/l	90
60) Dibromochloromethane	10.983	129	8933	4.935	ug/l	100
61) 1,2-Dibromoethane	11.087	107	6369	4.921	ug/l	97
64) Tetrachloroethene	10.715	164	11292	5.354	ug/l	97
65) Chlorobenzene	11.514	112	24387	5.209	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	9297	5.048	ug/l	97
67) Ethyl Benzene	11.593	91	41415	4.988	ug/l	94
68) m/p-Xylenes	11.703	106	33080	10.038	ug/l	97
69) o-Xylene	12.032	106	15933	5.077	ug/l	95
70) Styrene	12.044	104	26701	4.997	ug/l	96
71) Bromoform	12.209	173	5866	4.892	ug/l #	99
73) Isopropylbenzene	12.331	105	42132	4.924	ug/l	97
74) N-amyl acetate	12.142	43	7186	4.383	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	7556	5.295	ug/l	94
76) 1,2,3-Trichloropropane	12.636	75	10858	9.219	ug/l #	100
77) Bromobenzene	12.605	156	10568	5.120	ug/l	89
78) n-propylbenzene	12.672	91	49873	5.015	ug/l	97
79) 2-Chlorotoluene	12.757	91	28636	5.059	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	36597	4.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2610	4.796	ug/l	94
82) 4-Chlorotoluene	12.855	91	30107	5.057	ug/l	100
83) tert-Butylbenzene	13.075	119	32357	5.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	35769	4.900	ug/l	99
85) sec-Butylbenzene	13.251	105	46620	5.000	ug/l	97
86) p-Isopropyltoluene	13.367	119	40904	5.039	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	22234	5.328	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	22225	5.315	ug/l	97
89) n-Butylbenzene	13.696	91	34298	4.913	ug/l	98
90) Hexachloroethane	13.958	117	7756	5.256	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	19542	5.232	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1466	4.977	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	11999	4.996	ug/l	97
94) Hexachlorobutadiene	15.111	225	7625	5.208	ug/l	99
95) Naphthalene	15.239	128	22297	4.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	10389	4.941	ug/l	97

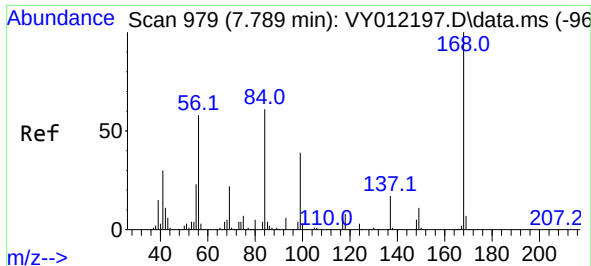
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
Data File : VY012491.D
Acq On : 06 Feb 2023 12:59
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 03:27:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 06 15:22:01 2023
Response via : Initial Calibration

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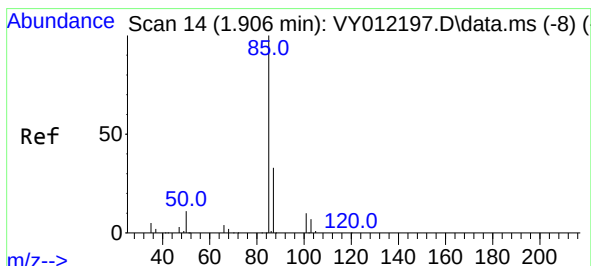
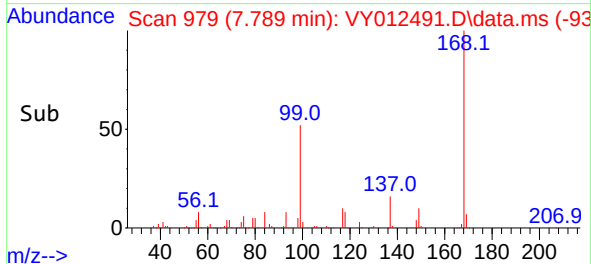
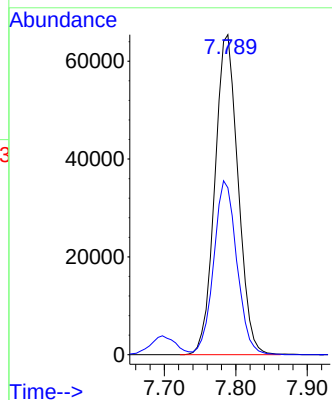
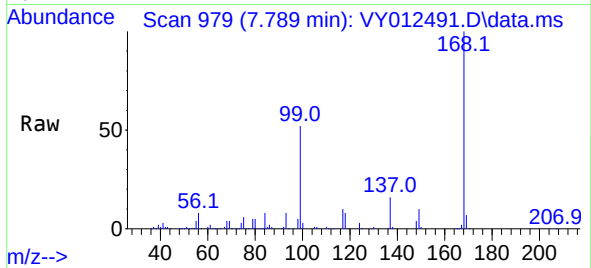
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

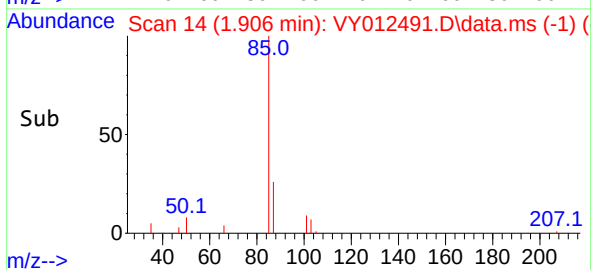
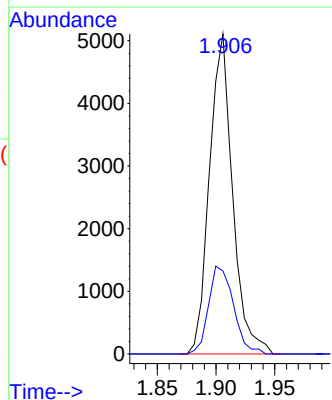
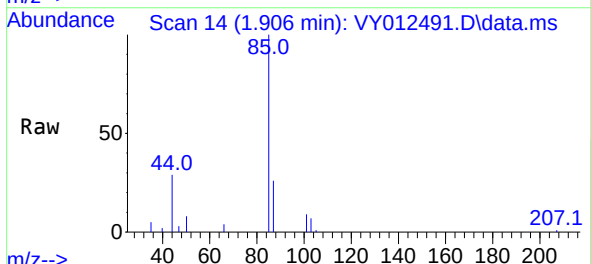
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 147564
Ion Ratio Lower Upper
168 100
99 52.0 44.0 66.0

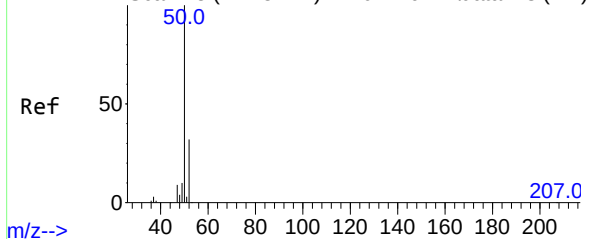


#2
Dichlorodifluoromethane
Concen: 2.341 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 85 Resp: 7006
Ion Ratio Lower Upper
85 100
87 25.9 16.8 50.4



Abundance Scan 48 (2.113 min): VY012197.D\data.ms (-42)



#3

Chloromethane

Concen: 5.730 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

ClientSampleId :

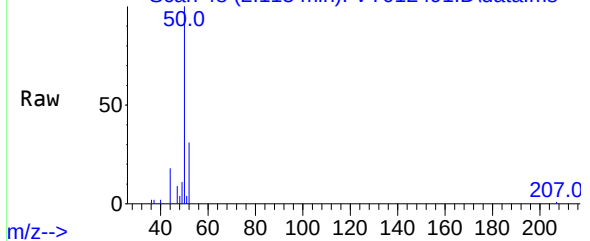
Tgt Ion: 50 Resp: 6530

Ion Ratio Lower Upper

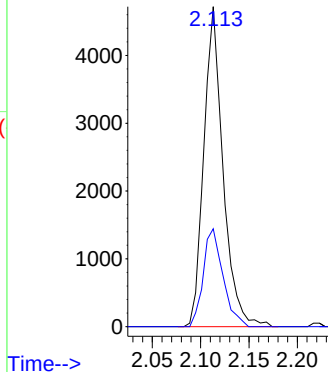
50 100

52 30.6 26.8 40.2

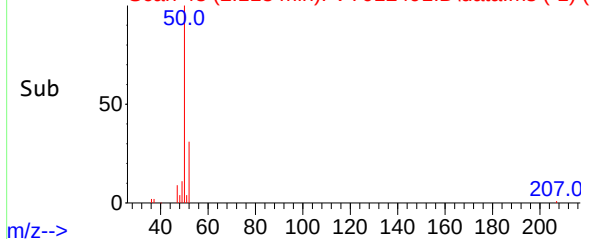
Abundance Scan 48 (2.113 min): VY012491.D\data.ms



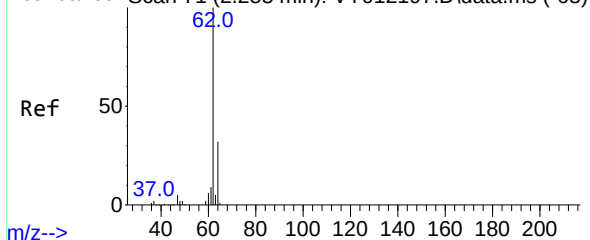
Abundance



Abundance Scan 48 (2.113 min): VY012491.D\data.ms (-1)



Abundance Scan 71 (2.253 min): VY012197.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 5.390 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

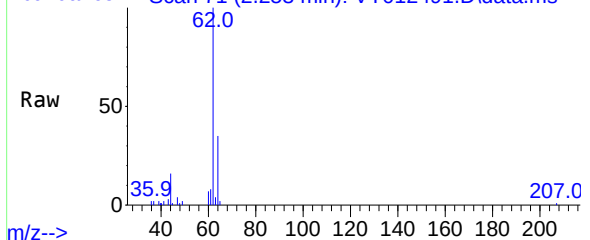
Tgt Ion: 62 Resp: 7618

Ion Ratio Lower Upper

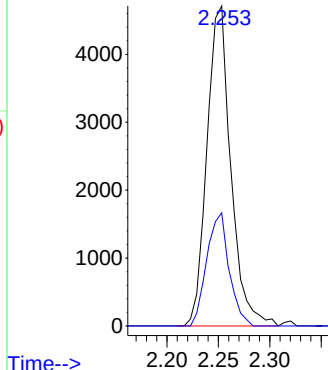
62 100

64 35.4 25.0 37.6

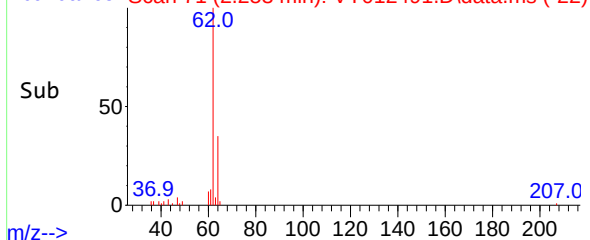
Abundance Scan 71 (2.253 min): VY012491.D\data.ms

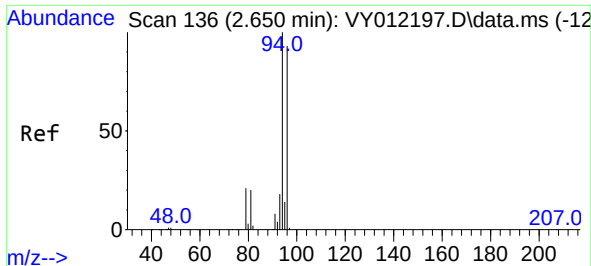


Abundance



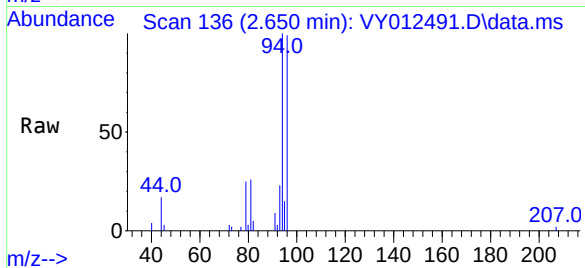
Abundance Scan 71 (2.253 min): VY012491.D\data.ms (-22)



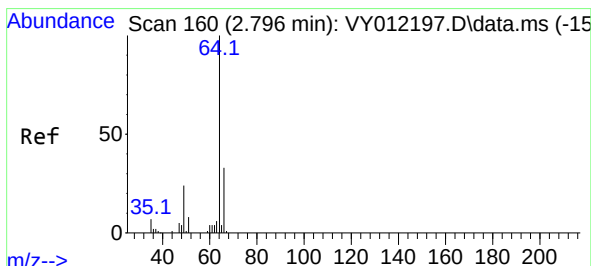
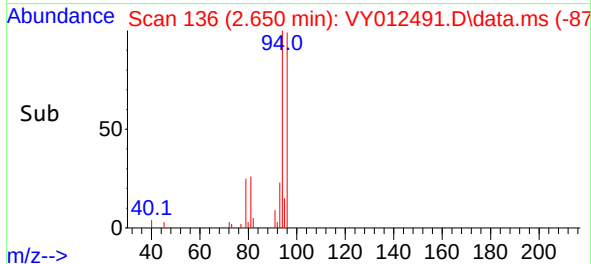
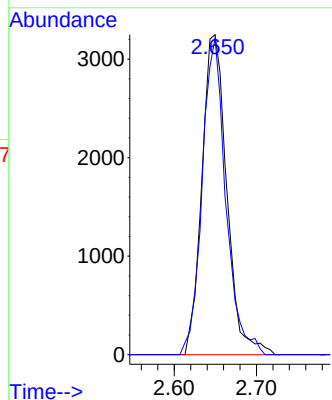


#5
Bromomethane
Concen: 3.534 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

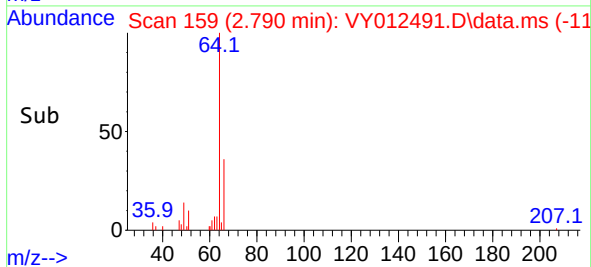
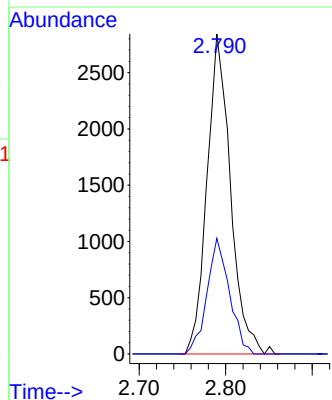
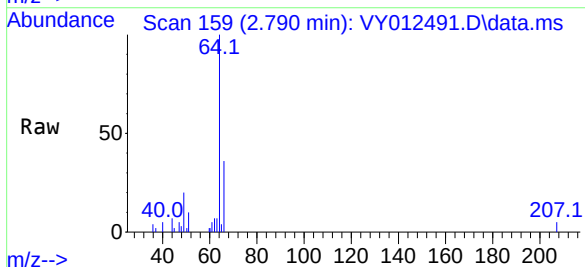


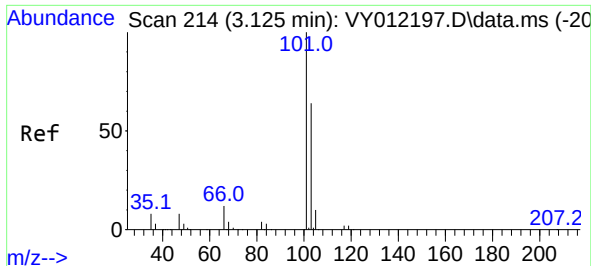
Tgt Ion: 94 Resp: 6834
Ion Ratio Lower Upper
94 100
96 98.9 77.4 116.2



#6
Chloroethane
Concen: 5.489 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 64 Resp: 5362
Ion Ratio Lower Upper
64 100
66 36.1 25.0 37.4

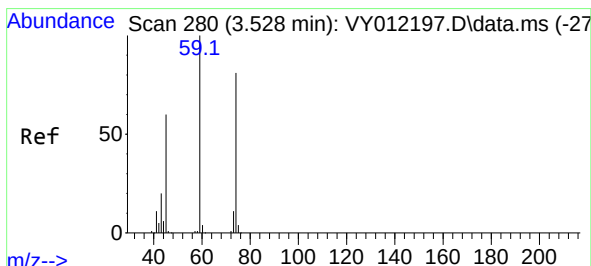
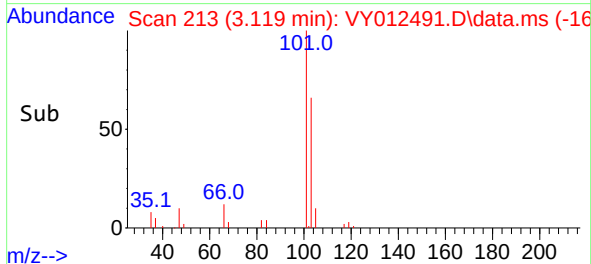
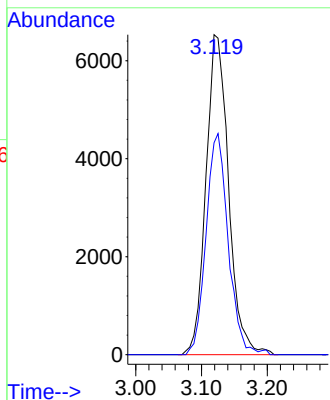
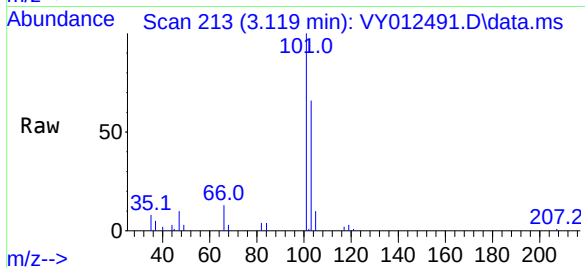




#7
 Trichlorofluoromethane
 Concen: 5.351 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

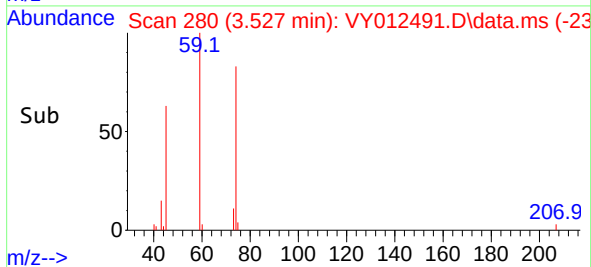
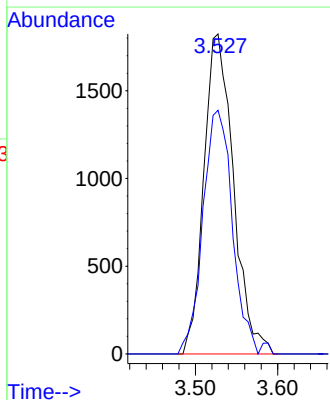
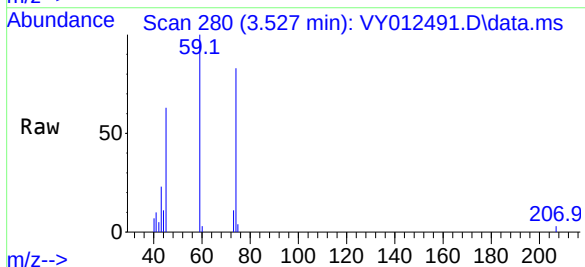
Instrument :
 MSVOA_Y
 ClientSampleId :

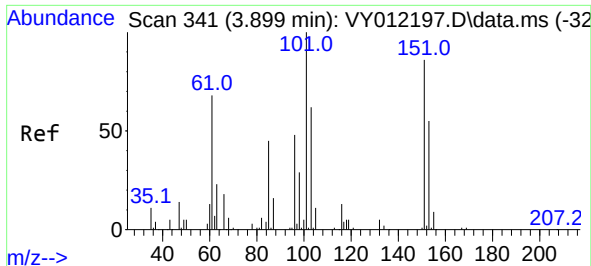
Tgt Ion:101 Resp: 15627
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.0 76.6



#8
 Diethyl Ether
 Concen: 5.145 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

Tgt Ion: 74 Resp: 4561
 Ion Ratio Lower Upper
 74 100
 45 75.7 46.8 140.3

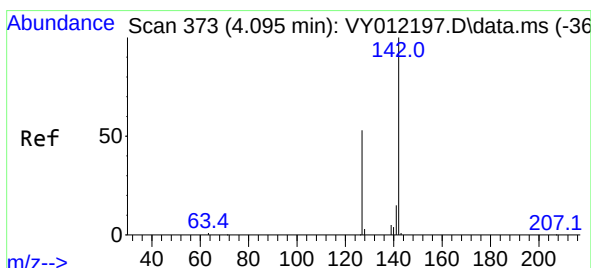
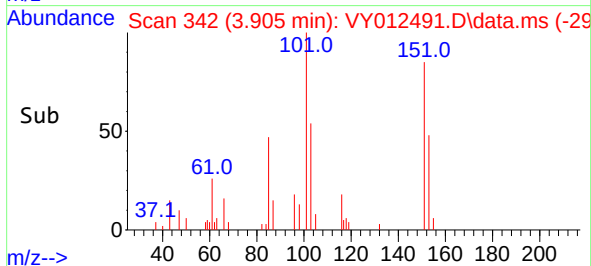
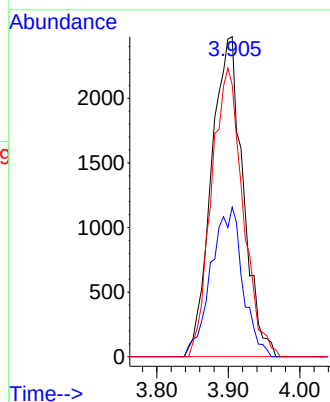
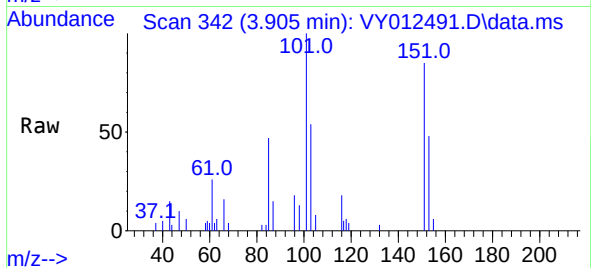




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.191 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

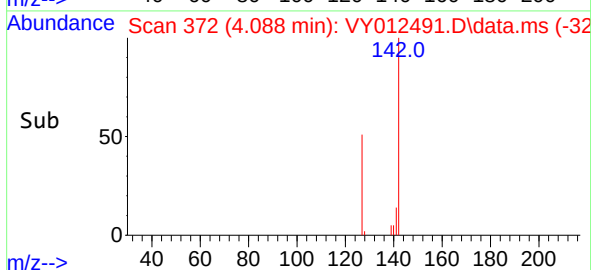
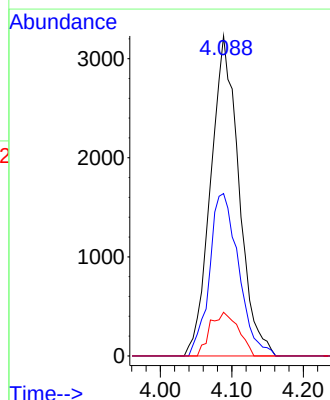
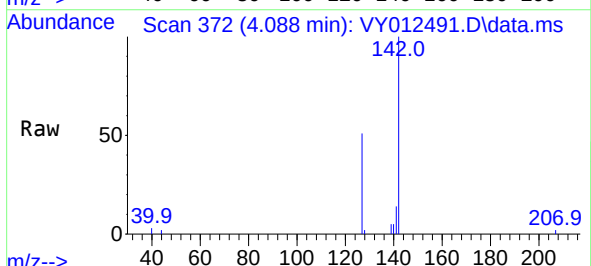
Instrument :
MSVOA_Y
ClientSampleId :

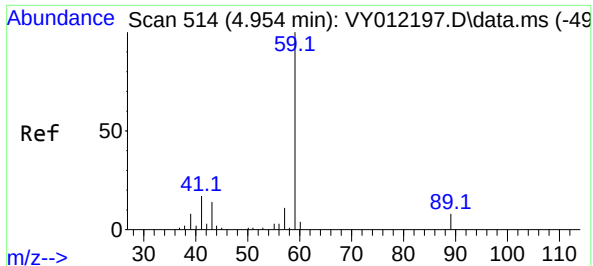
Tgt Ion:101 Resp: 7595
Ion Ratio Lower Upper
101 100
85 46.8 36.2 54.2
151 89.8 64.2 96.2



#10
Methyl Iodide
Concen: 4.459 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:142 Resp: 8834
Ion Ratio Lower Upper
142 100
127 52.5 37.0 55.4
141 13.7 11.4 17.0

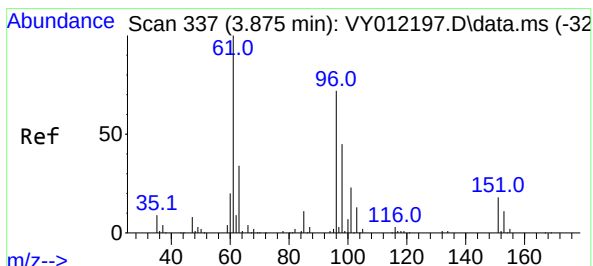
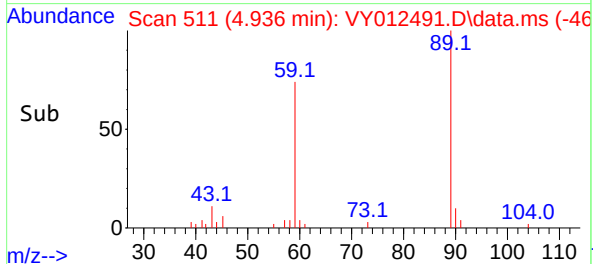
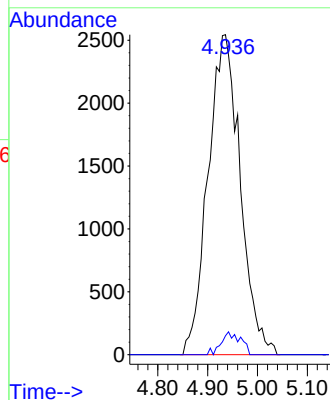
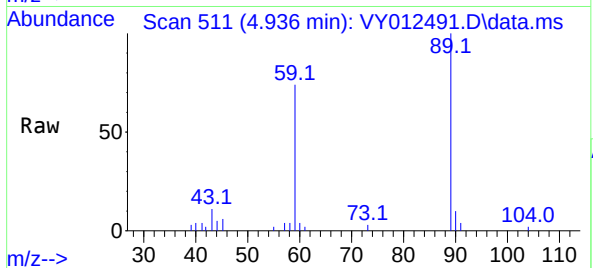




#11
Tert butyl alcohol
Concen: 42.454 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

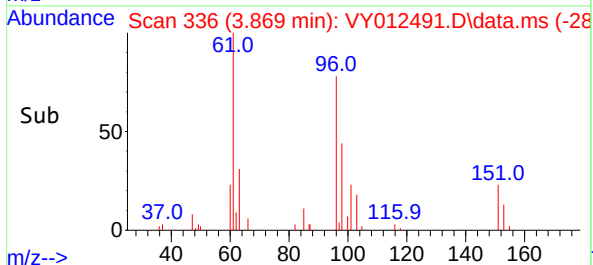
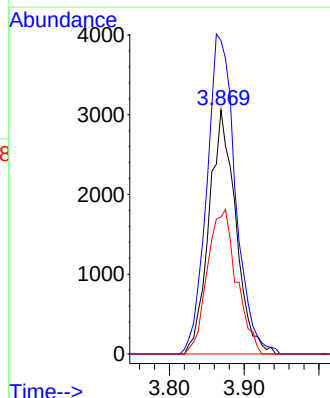
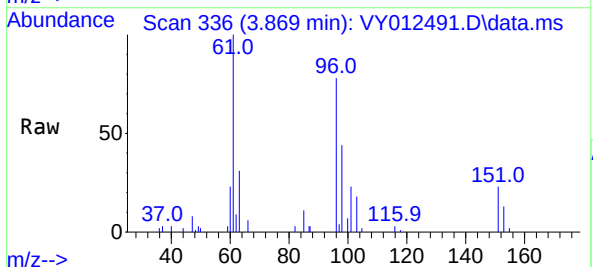
Instrument :
MSVOA_Y
ClientSampleId :

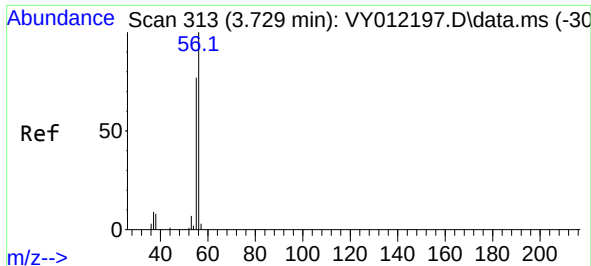
Tgt Ion: 59 Resp: 11403
Ion Ratio Lower Upper
59 100
57 4.3 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 5.231 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 96 Resp: 7611
Ion Ratio Lower Upper
96 100
61 128.3 122.0 183.0
98 56.1 48.6 73.0





#13

Acrolein

Concen: 25.135 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

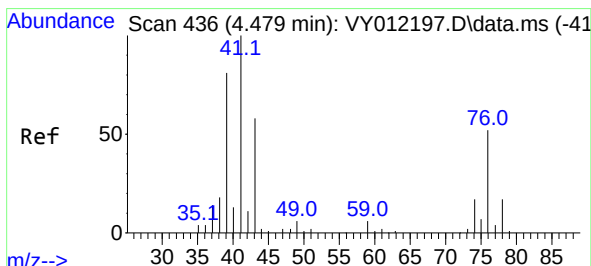
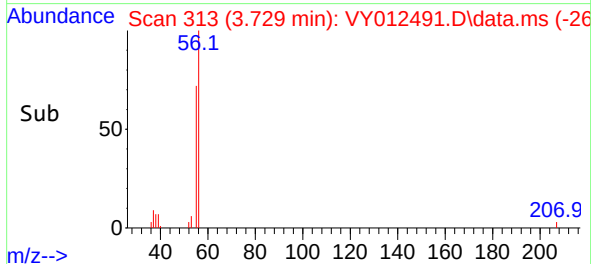
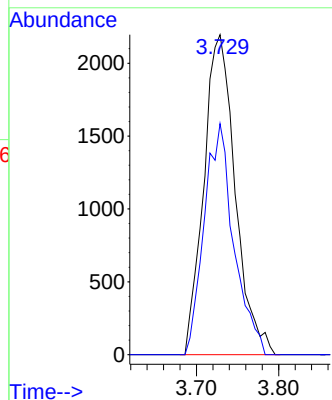
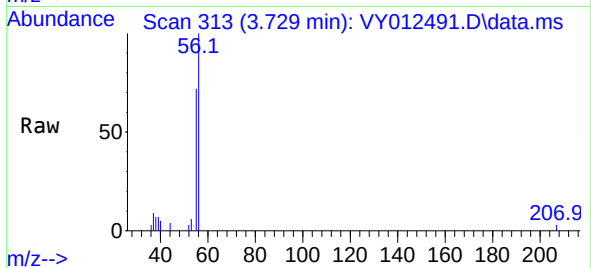
ClientSampleId :

Tgt Ion: 56 Resp: 5841

Ion Ratio Lower Upper

56 100

55 67.6 56.6 85.0



#14

Allyl chloride

Concen: 4.822 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.007 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

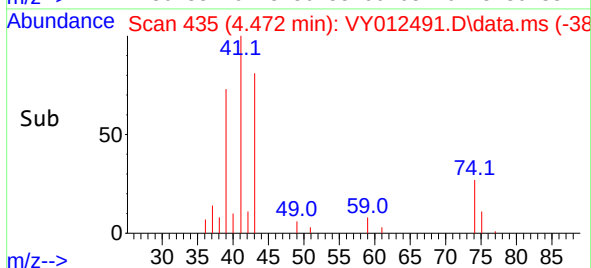
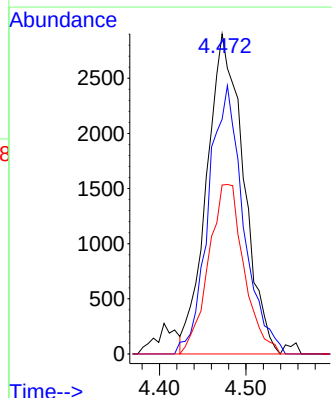
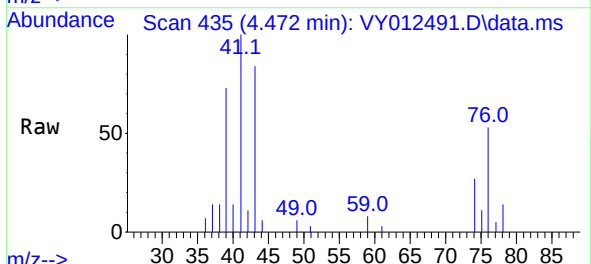
Tgt Ion: 41 Resp: 8573

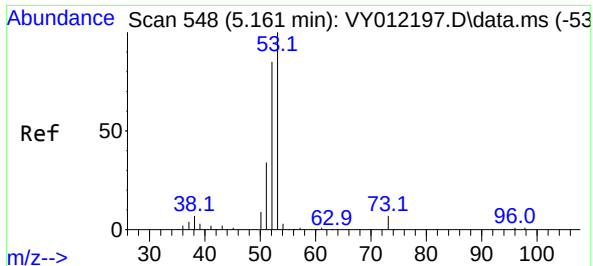
Ion Ratio Lower Upper

41 100

39 79.5 53.5 80.3

76 50.8 31.1 46.7#

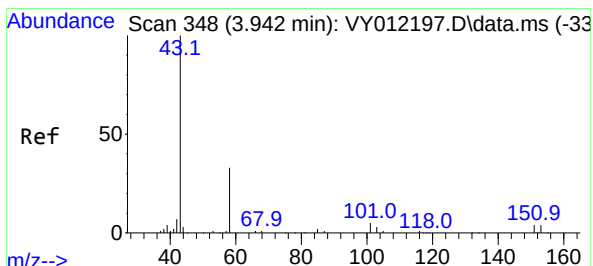
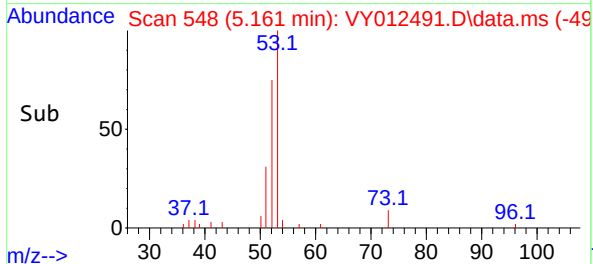
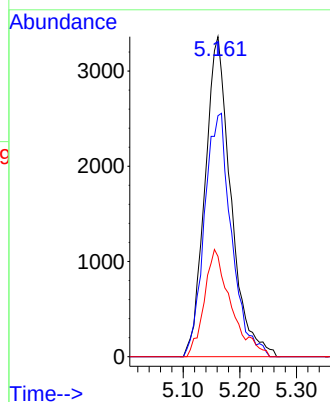
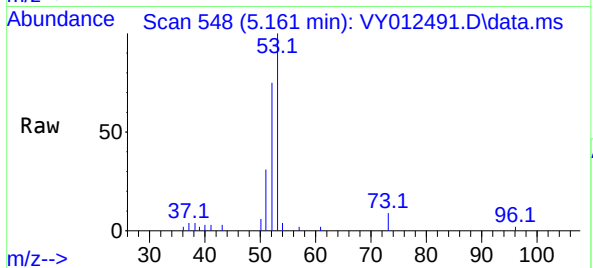




#15
Acrylonitrile
Concen: 25.416 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

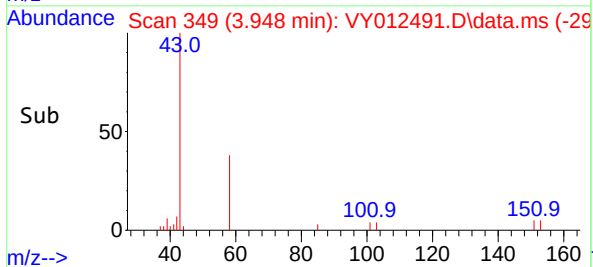
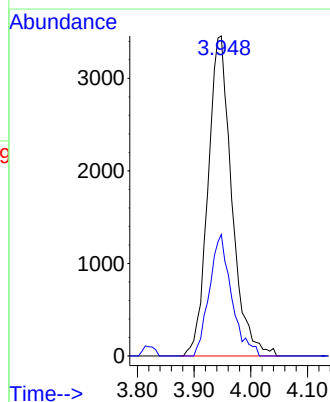
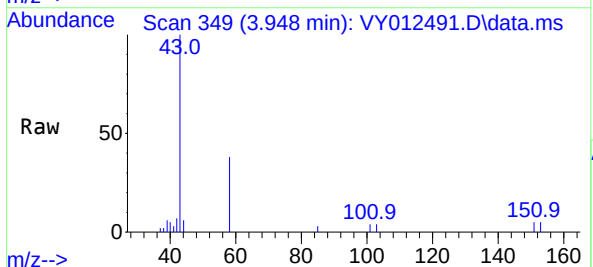
Instrument :
MSVOA_Y
ClientSampleId :

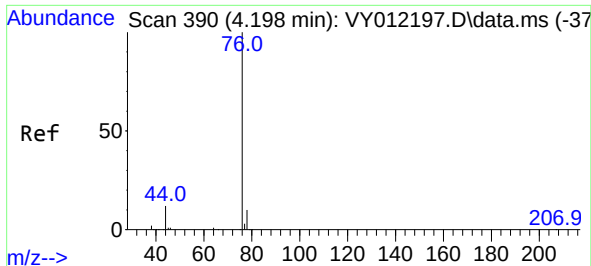
Tgt Ion: 53 Resp: 10643
Ion Ratio Lower Upper
53 100
52 79.8 65.1 97.7
51 34.8 28.7 43.1



#16
Acetone
Concen: 22.118 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 43 Resp: 10060
Ion Ratio Lower Upper
43 100
58 38.0 27.9 41.9

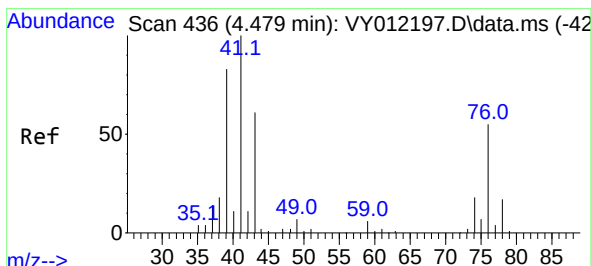
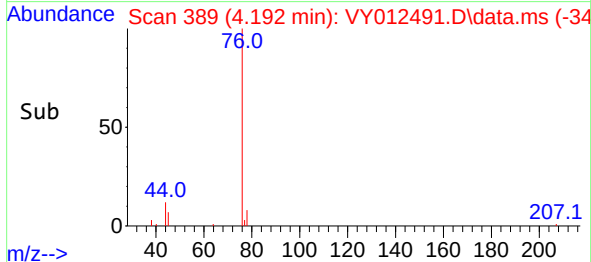
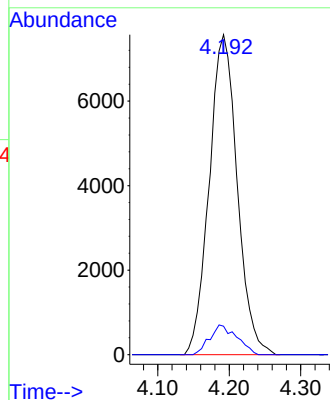
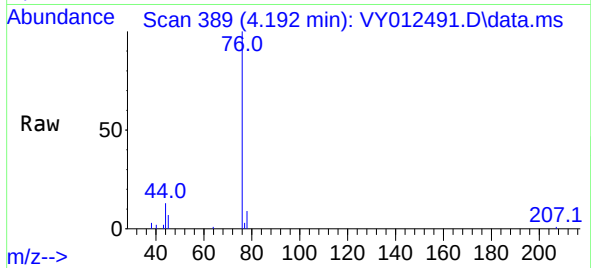




#17
Carbon Disulfide
Concen: 5.417 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

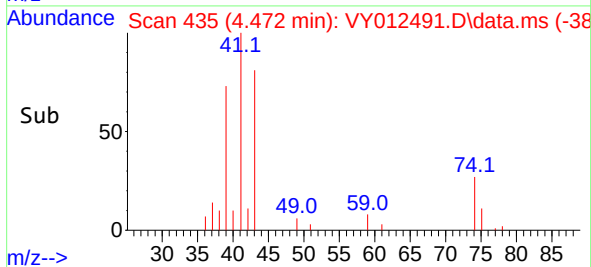
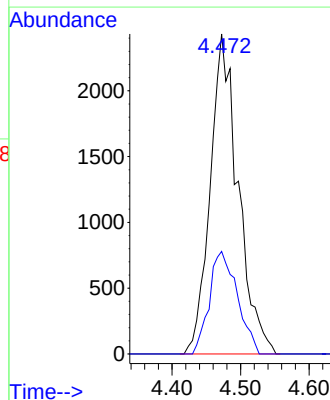
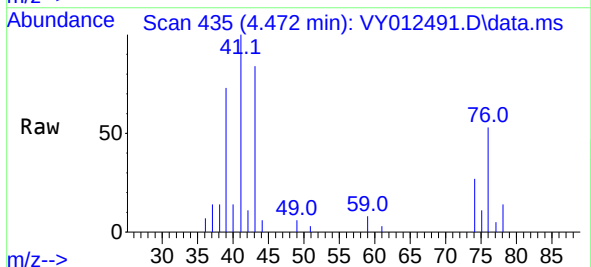
Instrument :
MSVOA_Y
ClientSampleId :

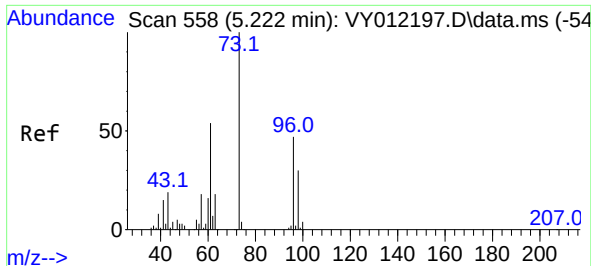
Tgt Ion: 76 Resp: 20602
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 6.148 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 43 Resp: 6869
Ion Ratio Lower Upper
43 100
74 32.1 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 4.984 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

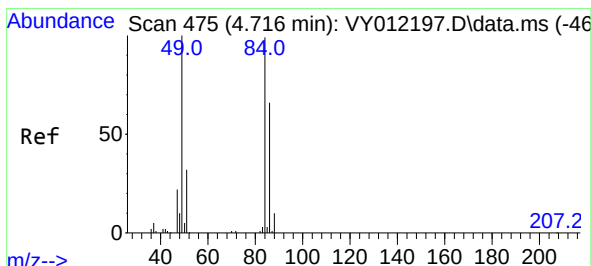
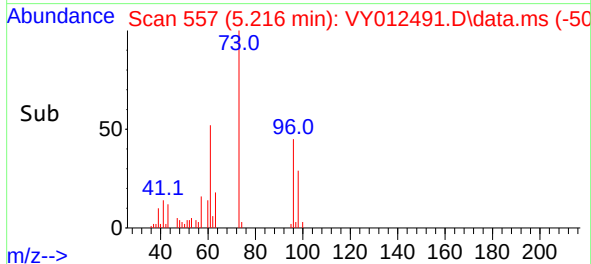
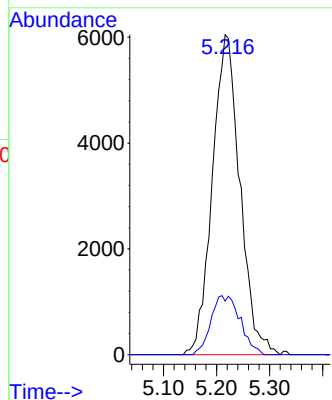
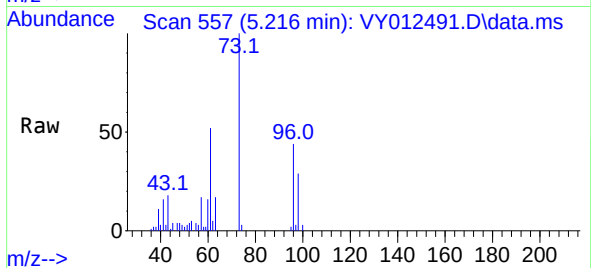
ClientSampleId :

Tgt Ion: 73 Resp: 21820

Ion Ratio Lower Upper

73 100

57 16.8 17.4 26.0#



#20

Methylene Chloride

Concen: 4.640 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Tgt Ion: 84 Resp: 16866

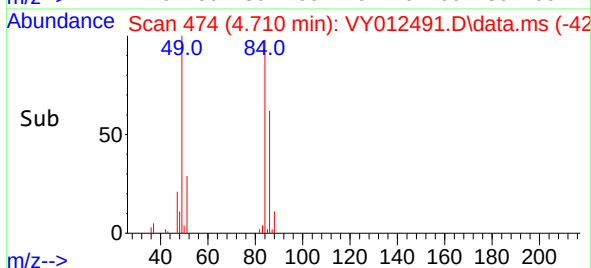
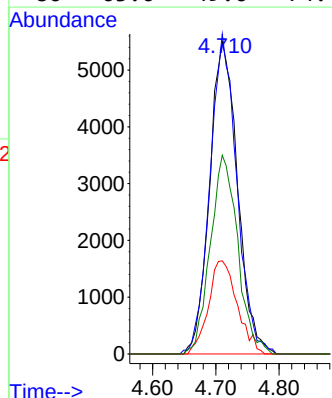
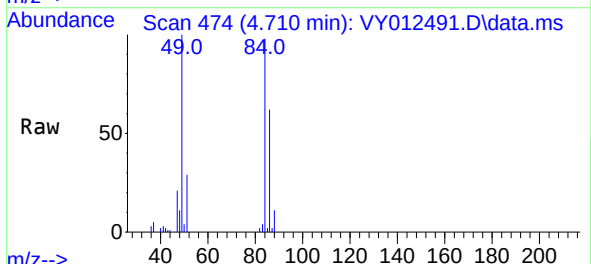
Ion Ratio Lower Upper

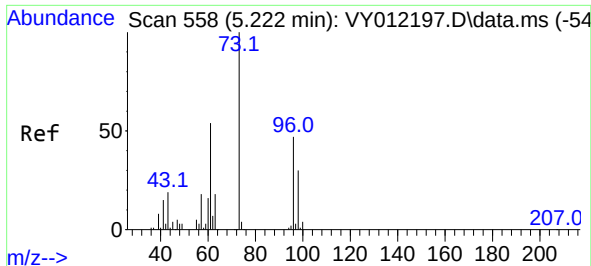
84 100

49 102.5 95.4 143.2

51 29.8 29.9 44.9#

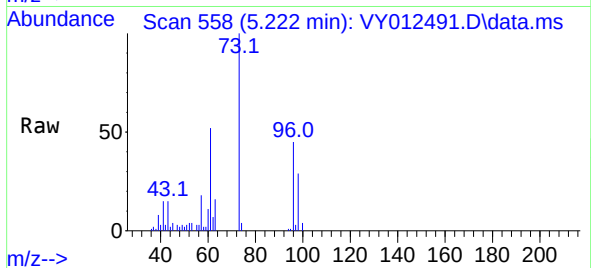
86 63.6 49.6 74.4



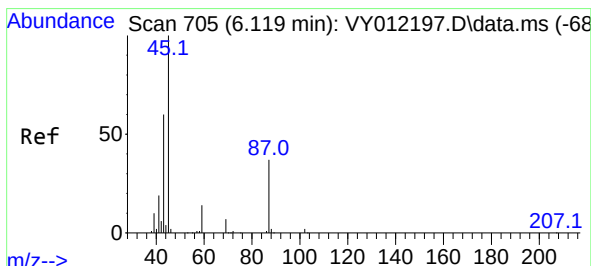
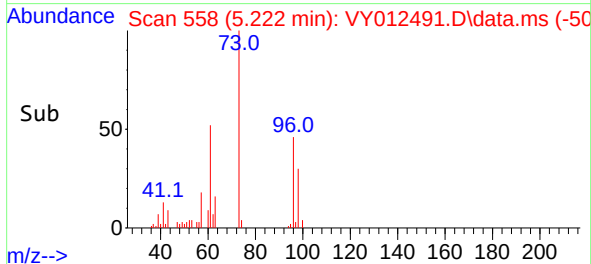
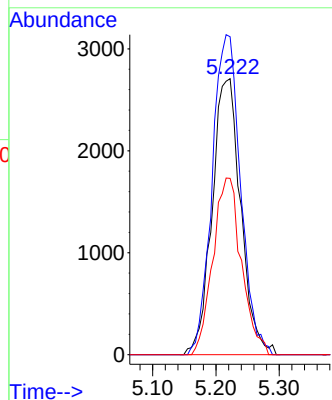


#21
trans-1,2-Dichloroethene
Concen: 5.337 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

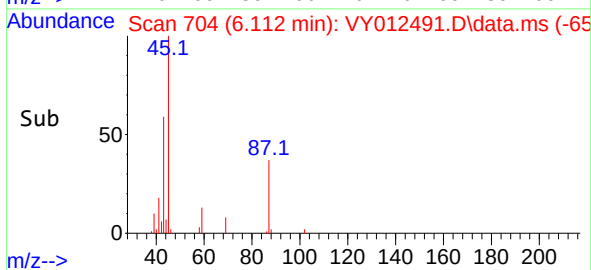
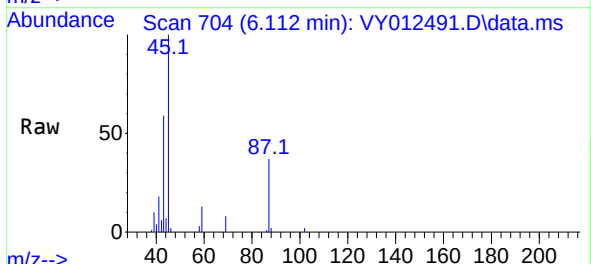
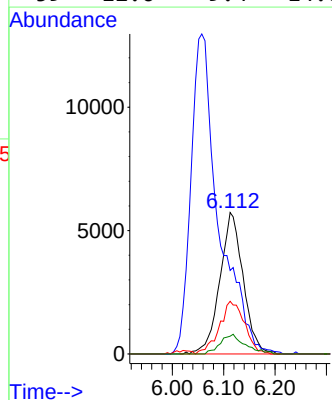


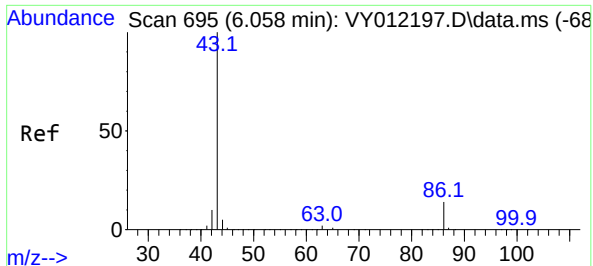
Tgt Ion: 96 Resp: 8494
Ion Ratio Lower Upper
96 100
61 115.1 108.0 162.0
98 63.9 51.6 77.4



#22
Diisopropyl ether
Concen: 4.911 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 45 Resp: 18072
Ion Ratio Lower Upper
45 100
43 57.8 45.0 67.4
87 37.3 22.6 33.8#
59 12.6 9.4 14.0

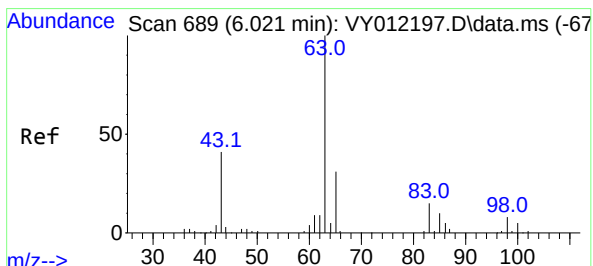
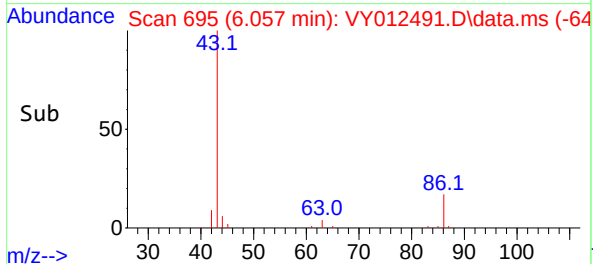
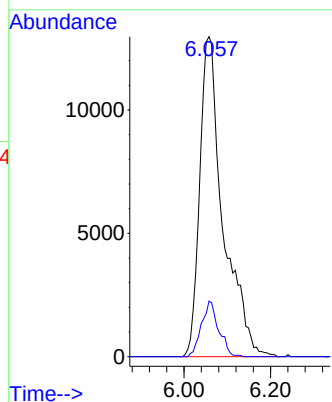
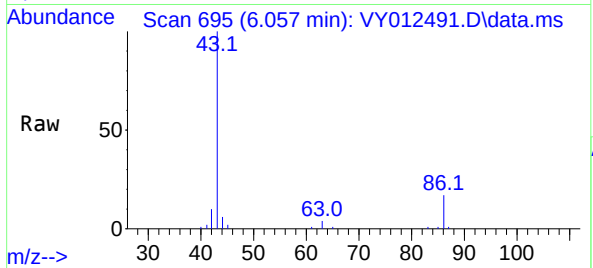




#23
 Vinyl Acetate
 Concen: 21.519 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

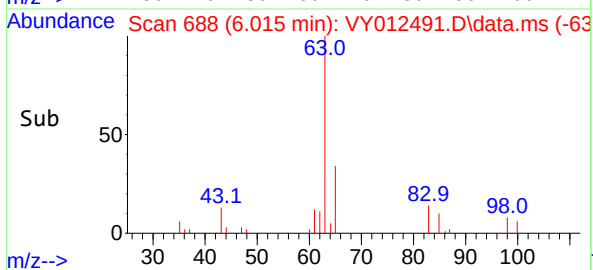
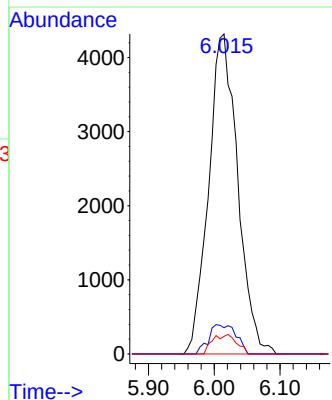
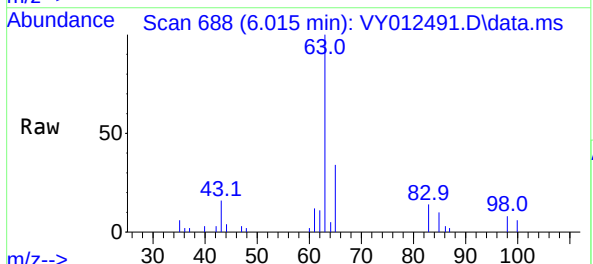
Instrument :
 MSVOA_Y
 ClientSampleId :

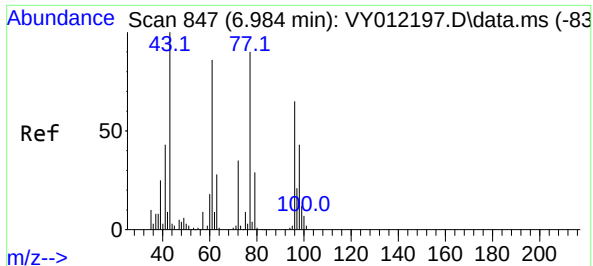
Tgt Ion: 43 Resp: 48608
 Ion Ratio Lower Upper
 43 100
 86 17.3 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 5.226 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

Tgt Ion: 63 Resp: 13306
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.5
 100 5.5 2.2 6.6

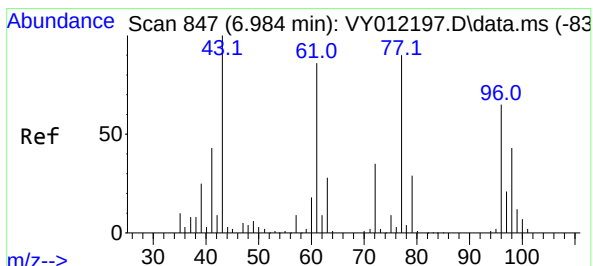
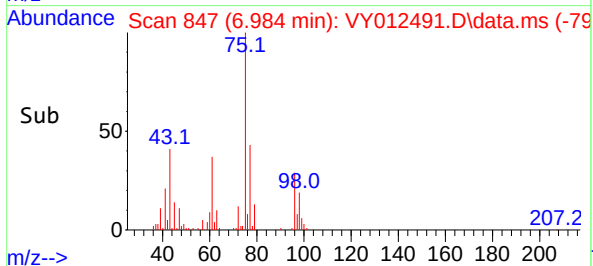
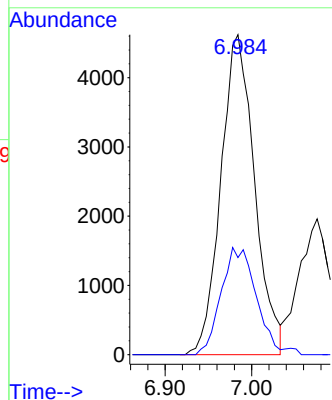
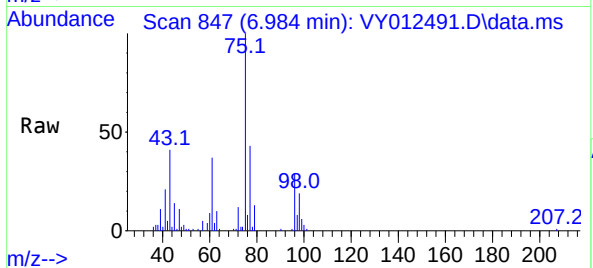




#25
2-Butanone
Concen: 24.085 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

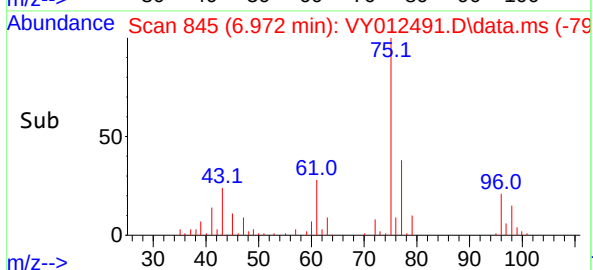
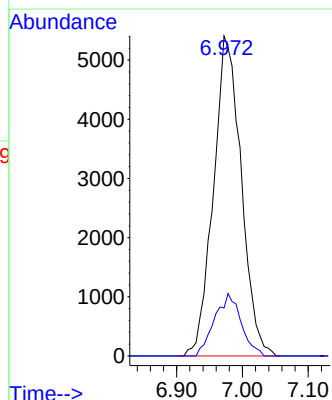
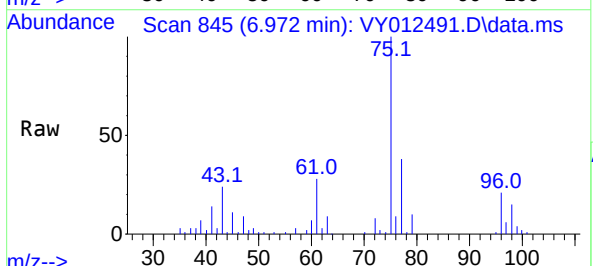
Instrument :
MSVOA_Y
ClientSampleId :

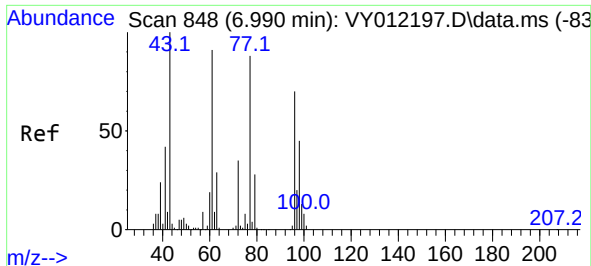
Tgt Ion: 43 Resp: 12514
Ion Ratio Lower Upper
43 100
72 30.3 22.6 34.0



#26
2,2-Dichloropropane
Concen: 5.542 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

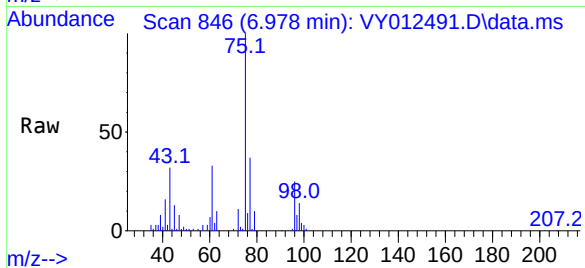
Tgt Ion: 77 Resp: 15891
Ion Ratio Lower Upper
77 100
97 18.6 11.4 34.1



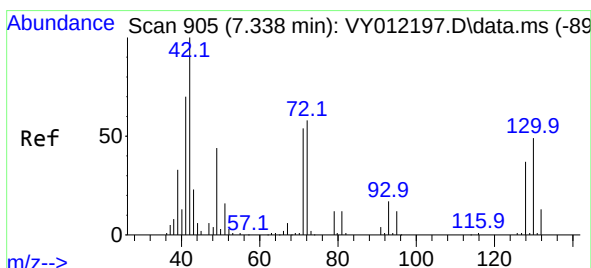
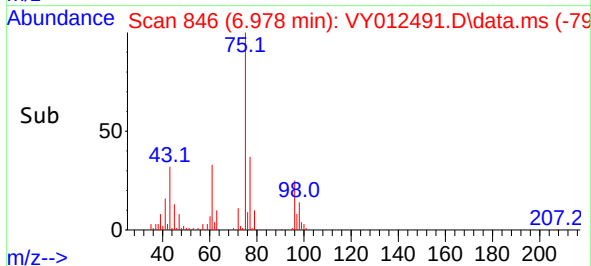
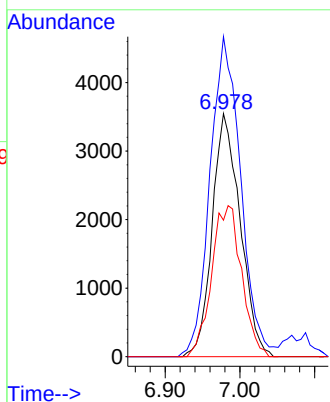


#27
cis-1,2-Dichloroethene
Concen: 5.022 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

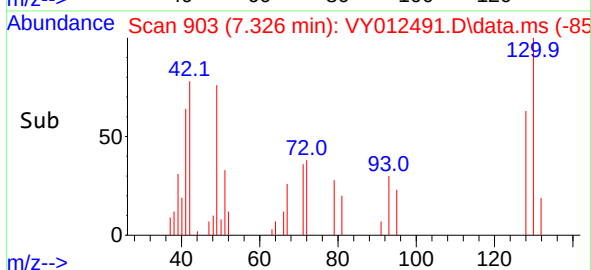
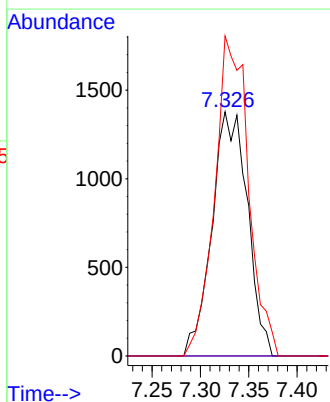
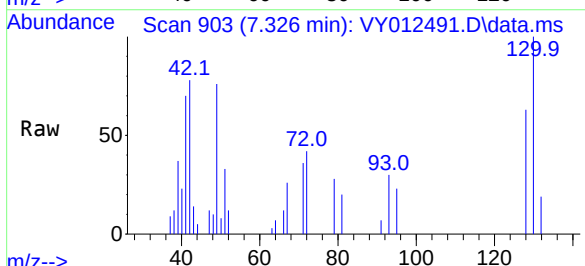


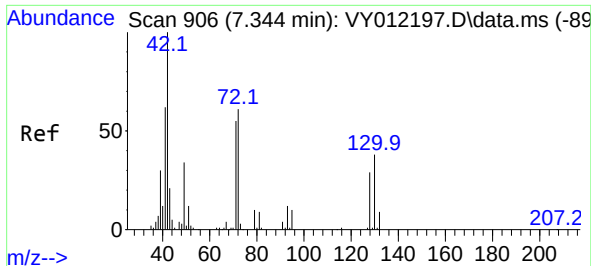
Tgt Ion: 96 Resp: 9225
Ion Ratio Lower Upper
96 100
61 144.5 0.0 283.4
98 66.6 0.0 127.6



#28
Bromochloromethane
Concen: 3.767 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 49 Resp: 3516
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 124.2 66.7 100.1#

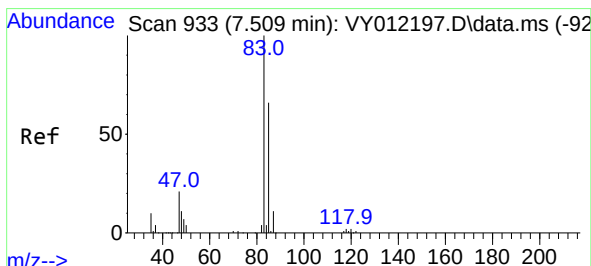
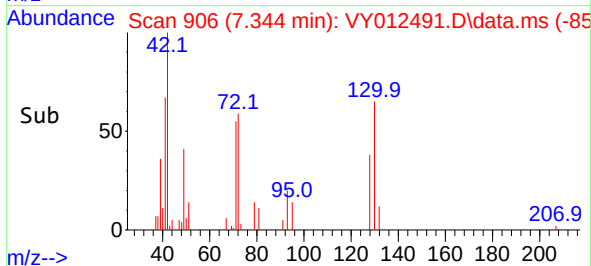
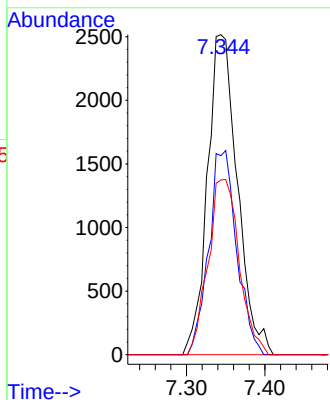
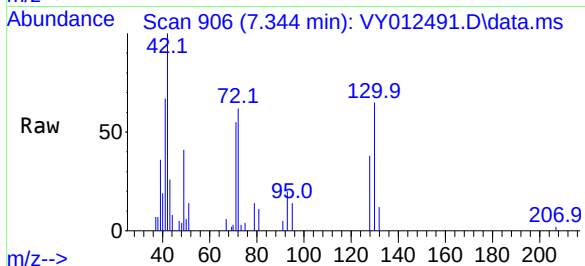




#29
Tetrahydrofuran
Concen: 23.628 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

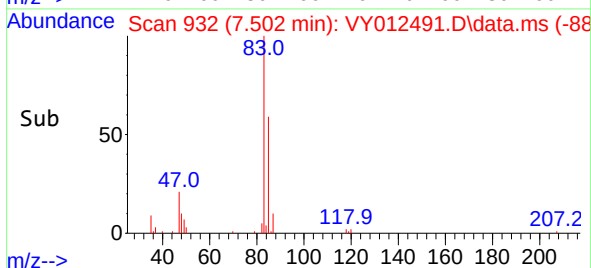
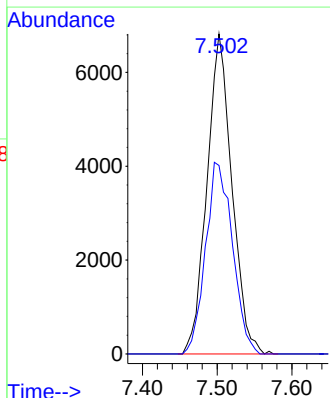
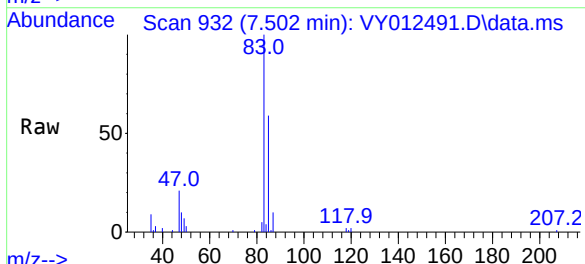
Instrument :
MSVOA_Y
ClientSampleId :

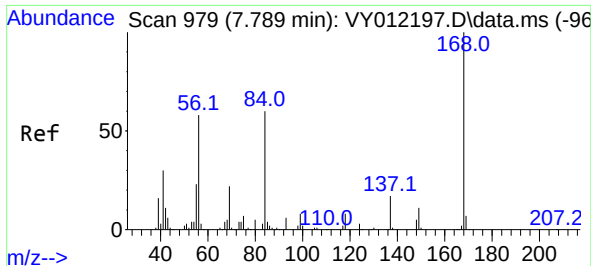
Tgt Ion: 42 Resp: 6704
Ion Ratio Lower Upper
42 100
72 59.5 37.0 55.6#
71 56.7 34.9 52.3#



#30
Chloroform
Concen: 5.197 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

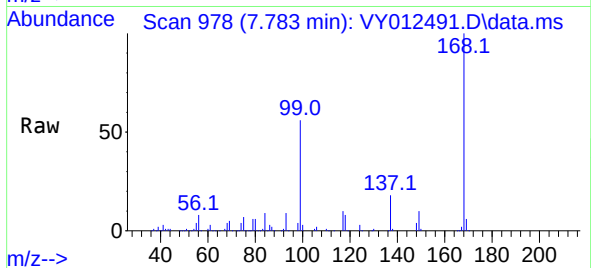
Tgt Ion: 83 Resp: 15858
Ion Ratio Lower Upper
83 100
85 58.9 51.5 77.3



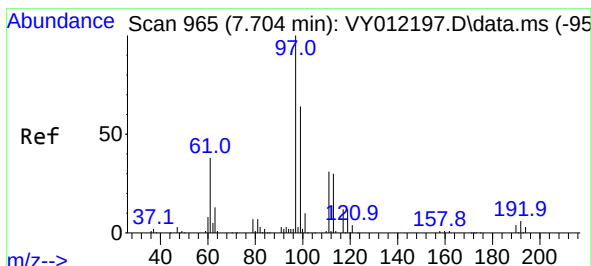
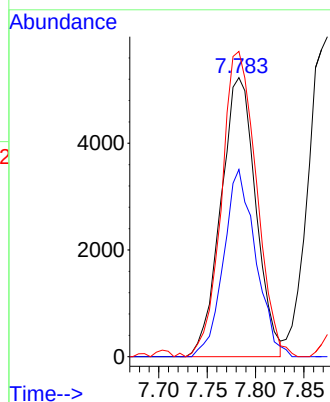
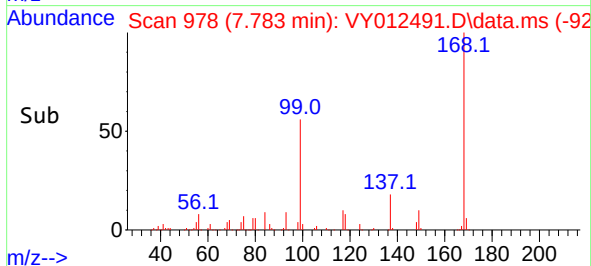


#31
Cyclohexane
Concen: 5.937 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

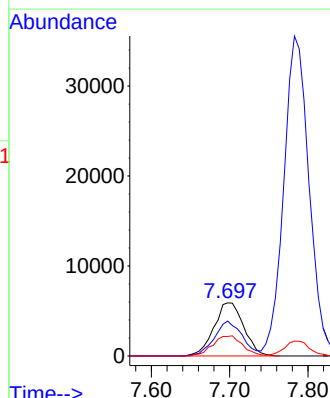
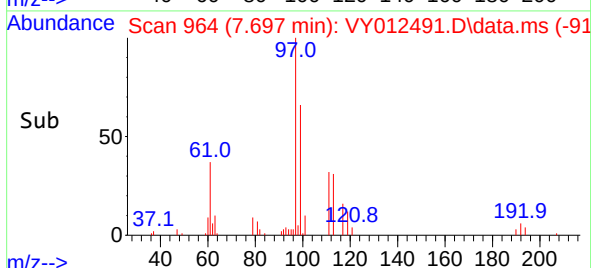
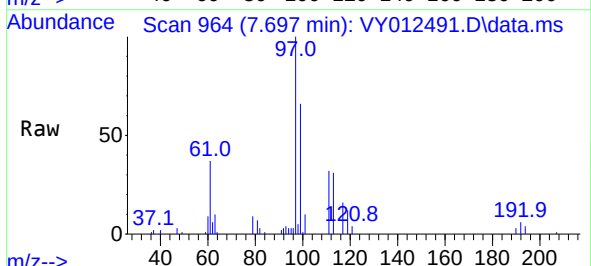


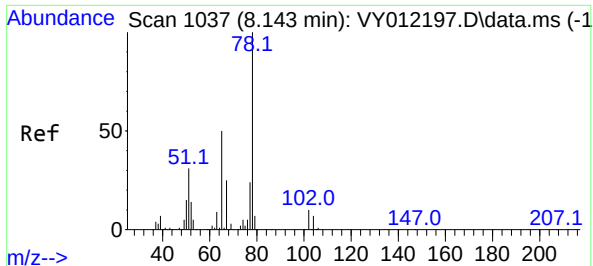
Tgt Ion: 56 Resp: 13166
Ion Ratio Lower Upper
56 100
69 67.1 29.2 43.8#
84 108.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 5.193 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 97 Resp: 15572
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.4
61 38.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 4.918 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

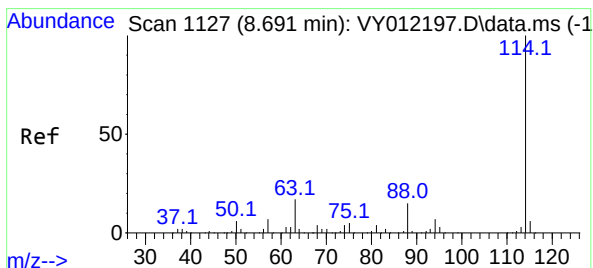
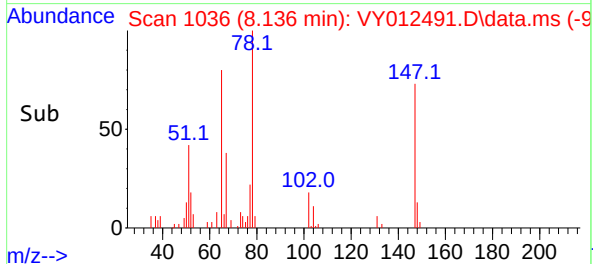
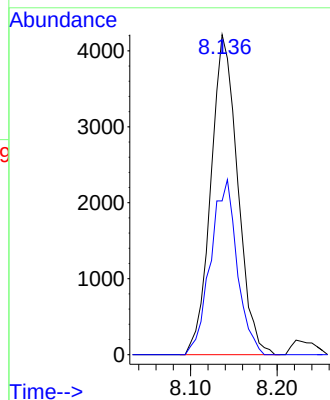
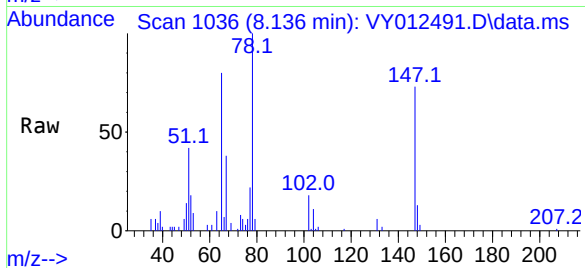
ClientSampleId :

Tgt Ion: 65 Resp: 9041

Ion Ratio Lower Upper

65 100

67 54.3 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

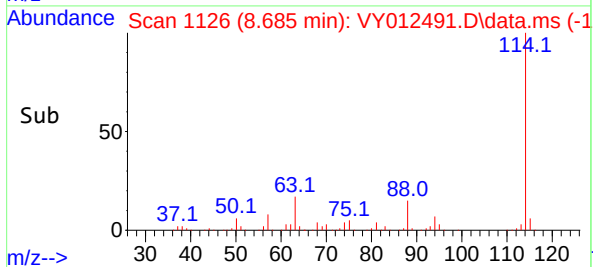
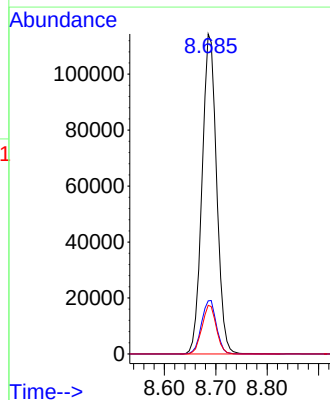
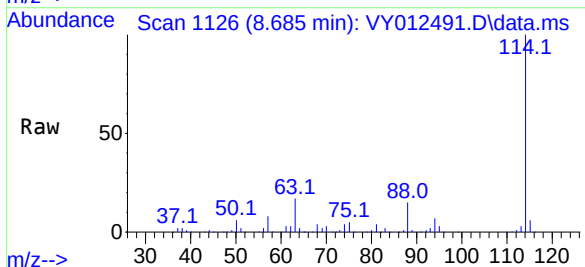
Tgt Ion: 114 Resp: 224676

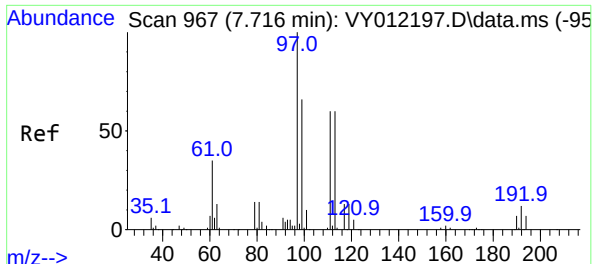
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 15.2 0.0 32.2

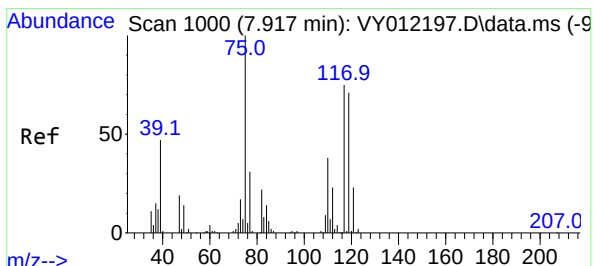
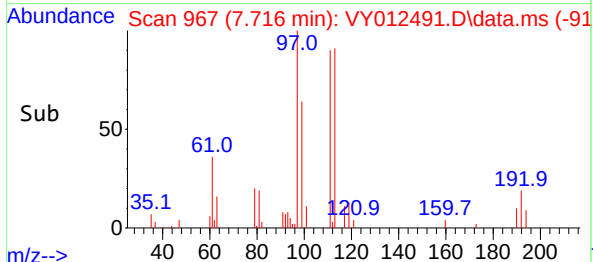
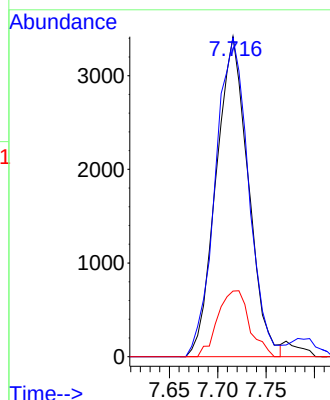
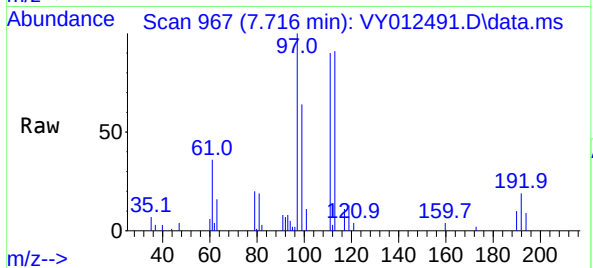




#35
Dibromofluoromethane
Concen: 4.958 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

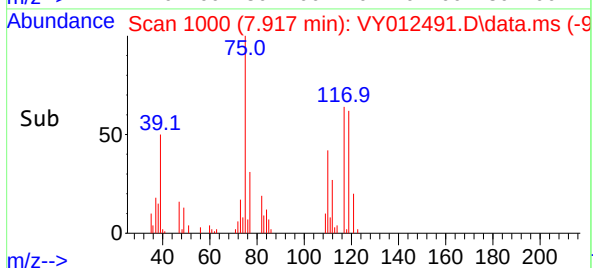
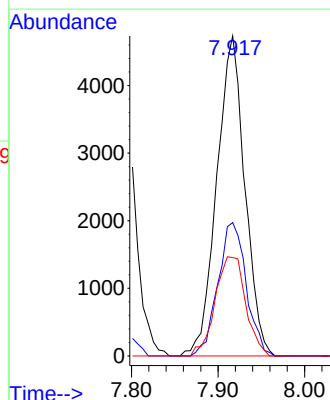
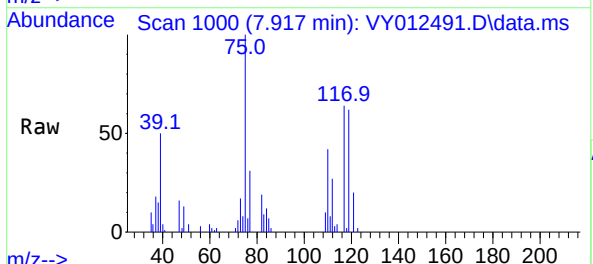
Instrument :
MSVOA_Y
ClientSampleId :

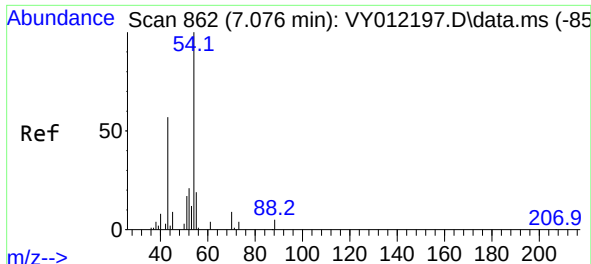
Tgt Ion:113 Resp: 7885
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 20.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

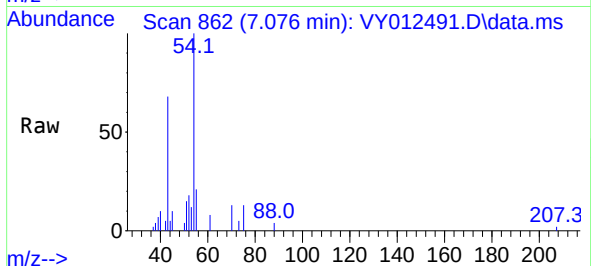
Tgt Ion: 75 Resp: 10660
Ion Ratio Lower Upper
75 100
110 42.1 18.1 54.1
77 33.6 25.1 37.7



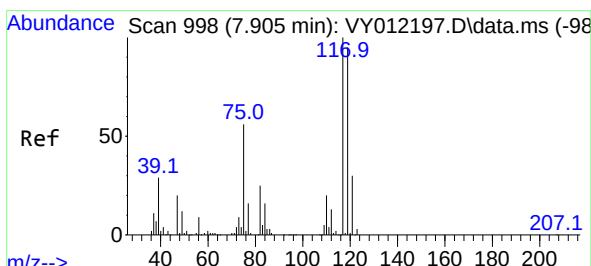
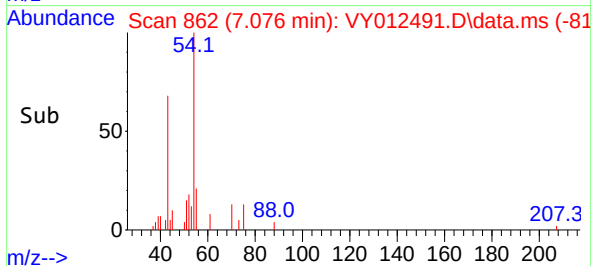
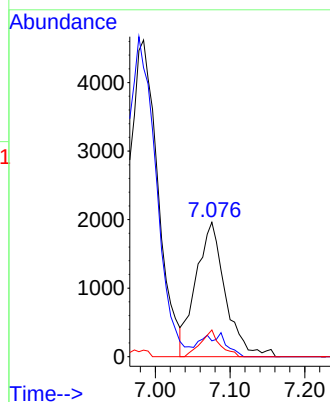


#37
Ethyl Acetate
Concen: 5.207 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

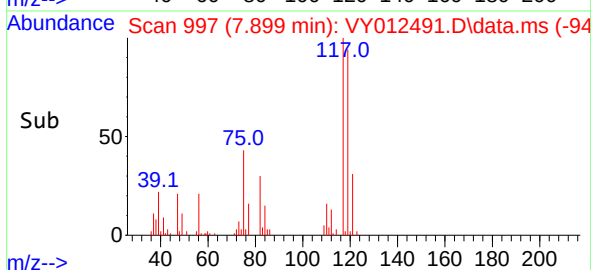
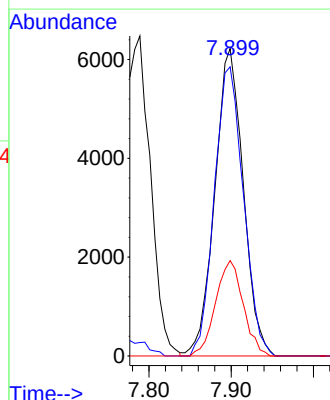
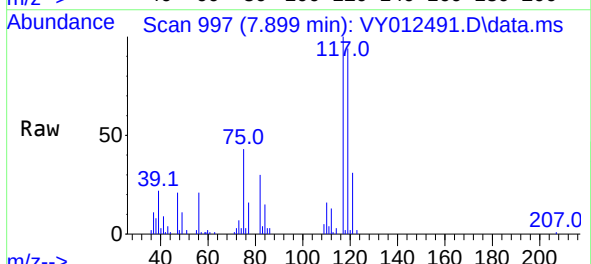


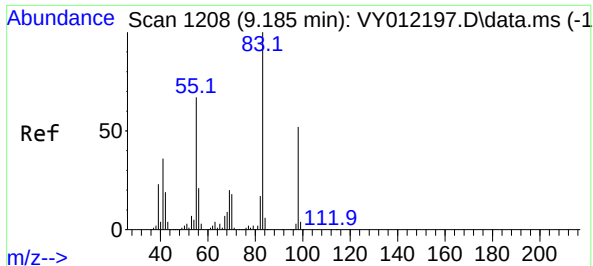
Tgt Ion: 43 Resp: 5357
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 13.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.189 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 117 Resp: 14964
Ion Ratio Lower Upper
117 100
119 94.1 73.8 110.8
121 31.1 25.2 37.8

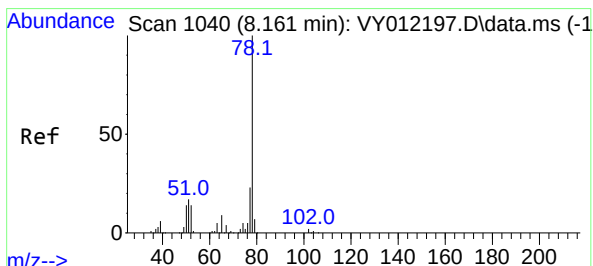
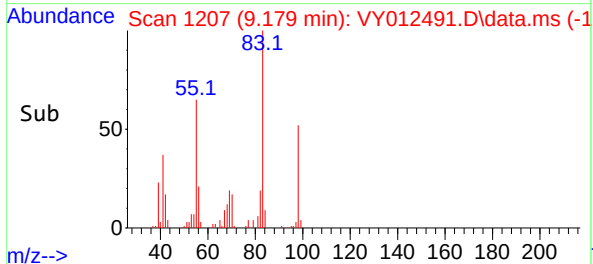
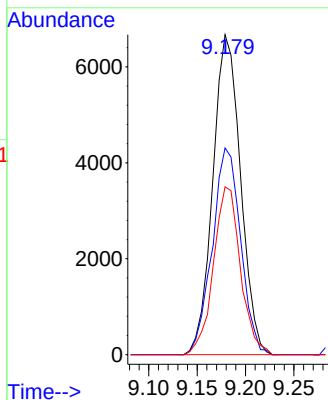
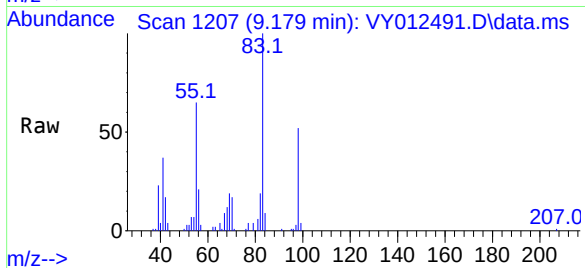




#39
Methylcyclohexane
Concen: 5.035 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

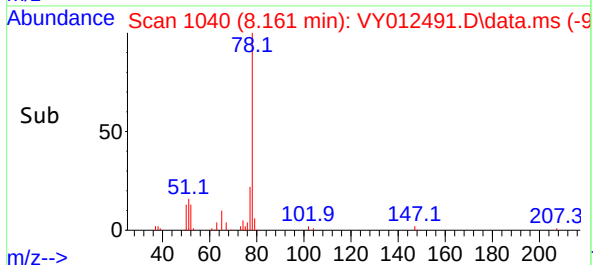
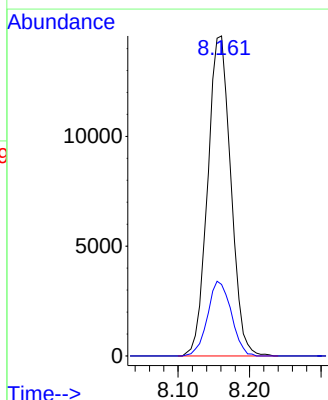
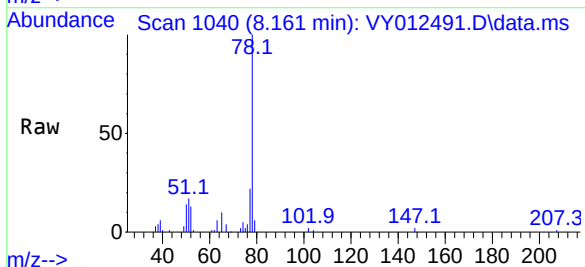
Instrument :
MSVOA_Y
ClientSampleId :

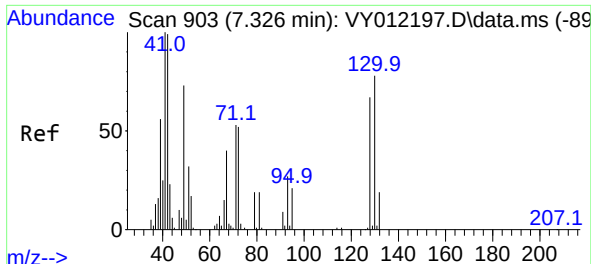
Tgt Ion:	83	Resp:	13295
Ion	Ratio	Lower	Upper
83	100		
55	64.6	58.2	87.2
98	52.4	38.6	58.0



#40
Benzene
Concen: 5.071 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

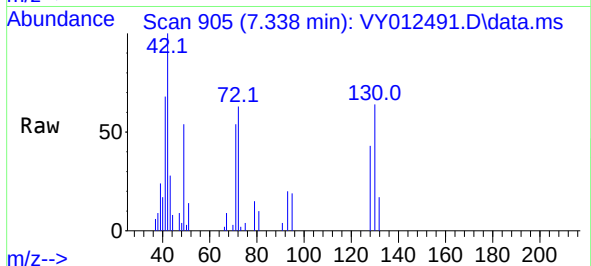
Tgt Ion:	78	Resp:	32736
Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	27.8



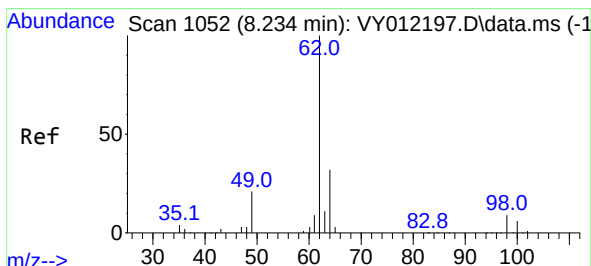
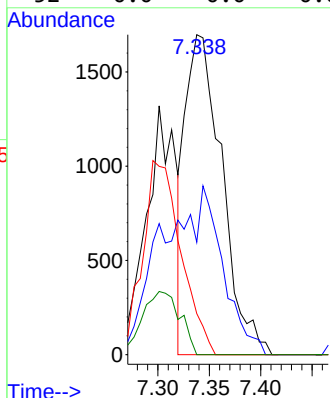
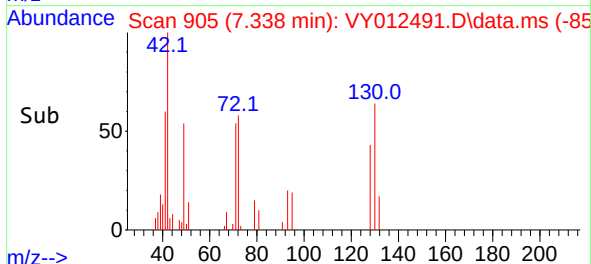


#41
Methacrylonitrile
Concen: 6.941 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

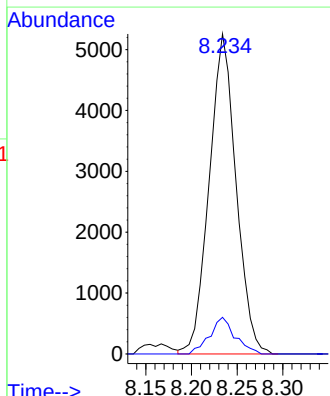
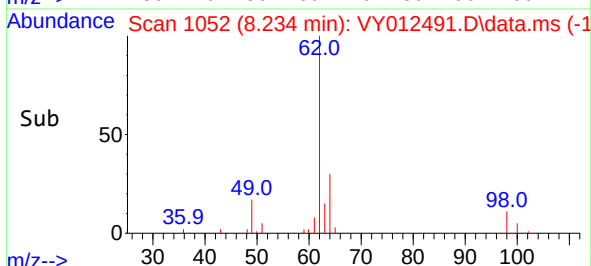
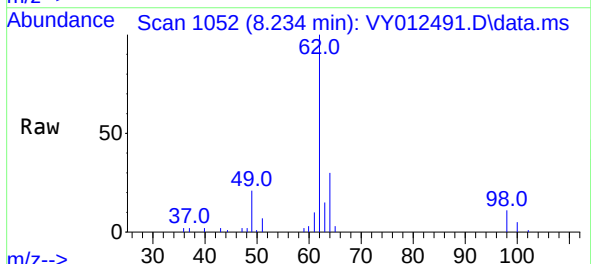


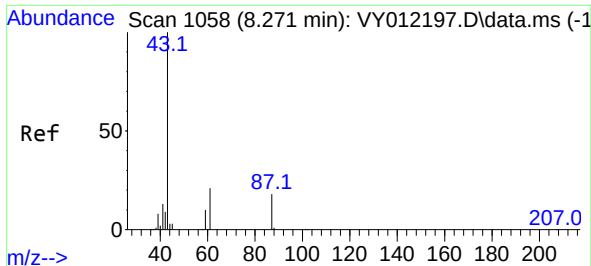
Tgt Ion: 41 Resp: 4228
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.094 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

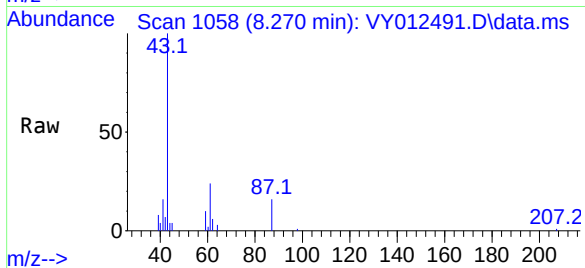
Tgt Ion: 62 Resp: 10744
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.6



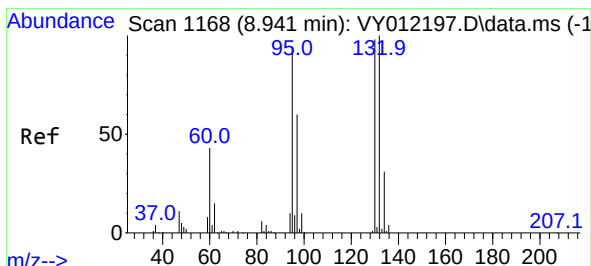
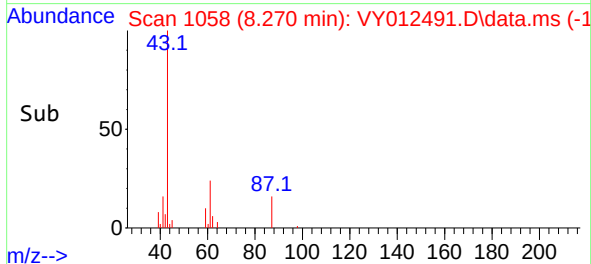
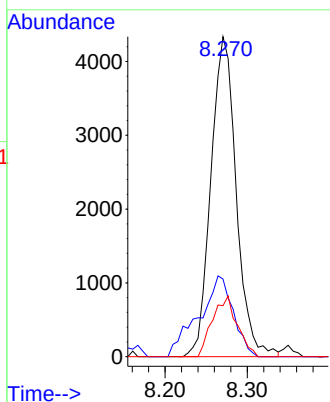


#43
Isopropyl Acetate
Concen: 4.858 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

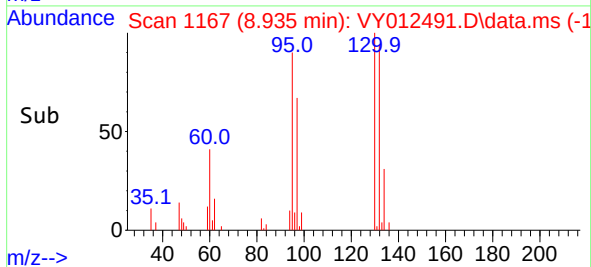
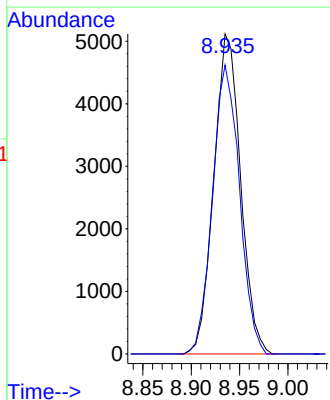
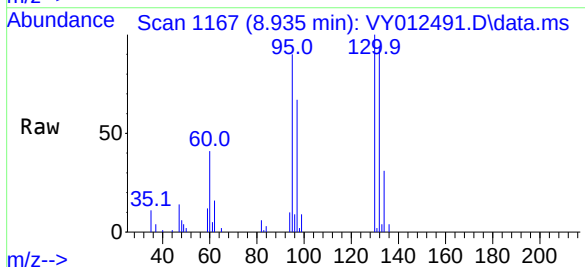


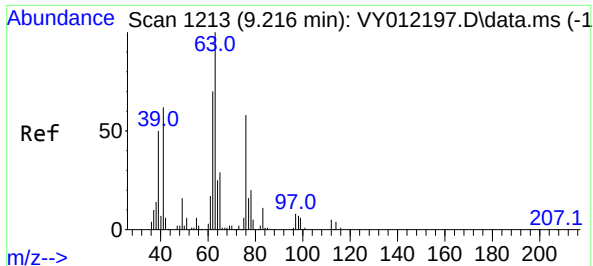
Tgt Ion: 43 Resp: 9291
Ion Ratio Lower Upper
43 100
61 34.3 24.4 36.6
87 18.5 11.4 17.2#



#44
Trichloroethene
Concen: 5.069 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 130 Resp: 9846
Ion Ratio Lower Upper
130 100
95 90.3 0.0 190.6

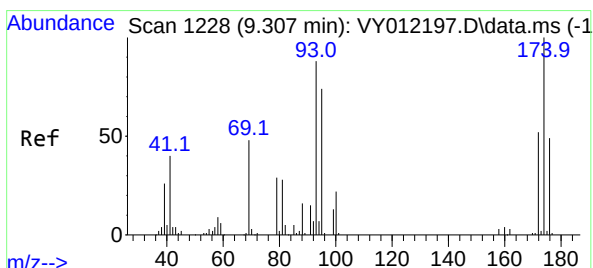
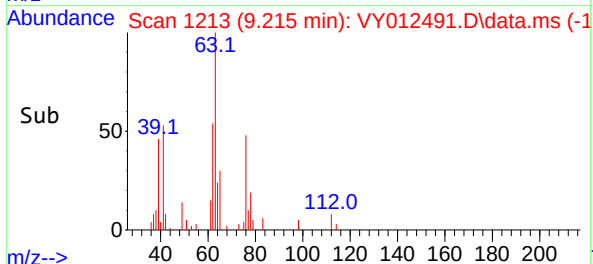
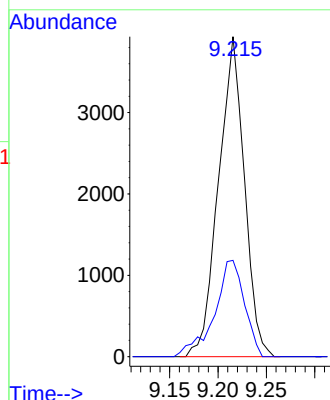
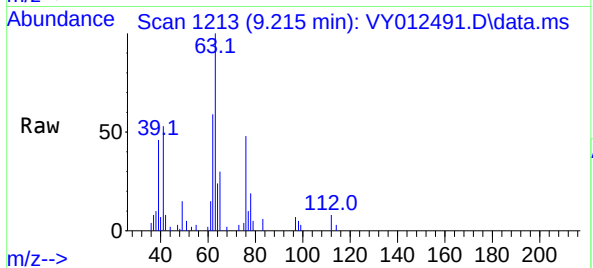




#45
1,2-Dichloropropane
Concen: 5.229 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

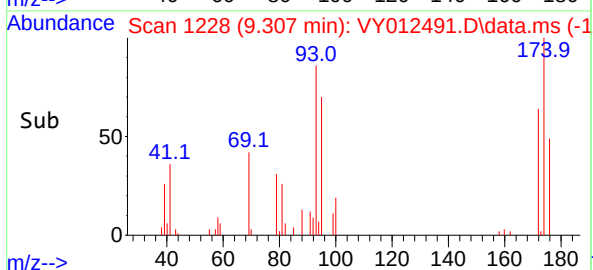
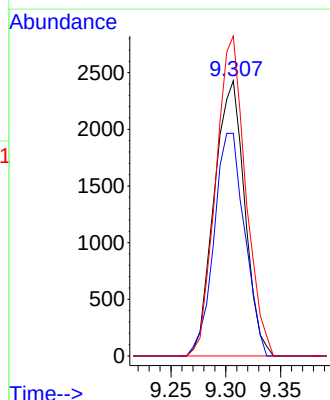
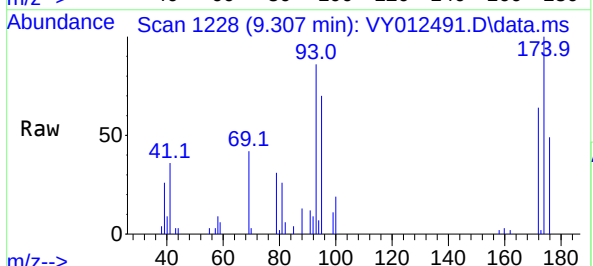
Instrument :
MSVOA_Y
ClientSampleId :

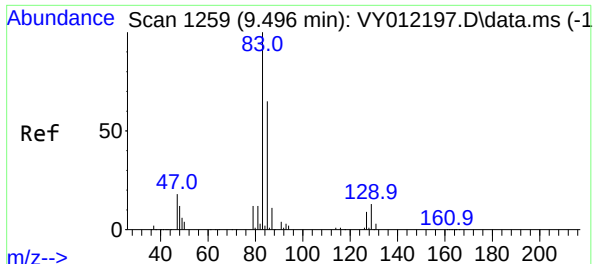
Tgt Ion: 63 Resp: 7305
Ion Ratio Lower Upper
63 100
65 30.1 24.9 37.3



#46
Dibromomethane
Concen: 5.031 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 93 Resp: 4677
Ion Ratio Lower Upper
93 100
95 81.6 66.1 99.1
174 114.0 84.7 127.1





#47

Bromodichloromethane

Concen: 4.880 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012491.D

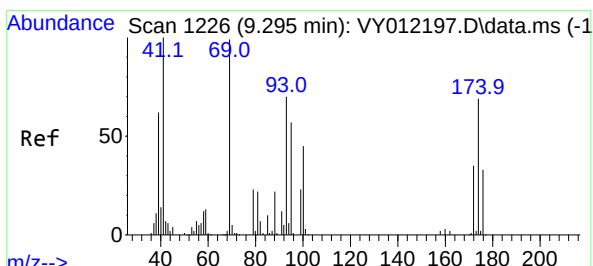
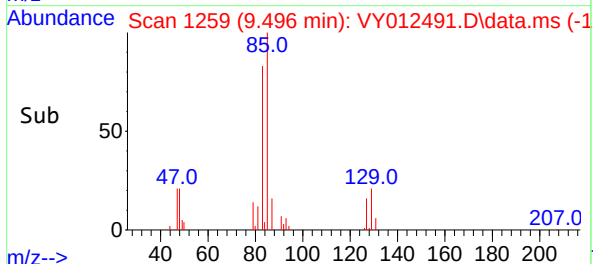
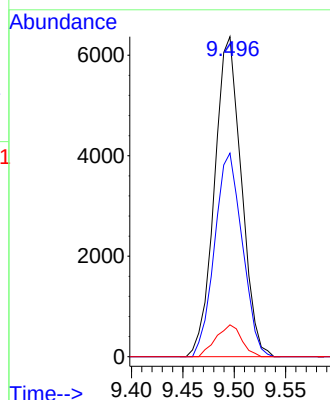
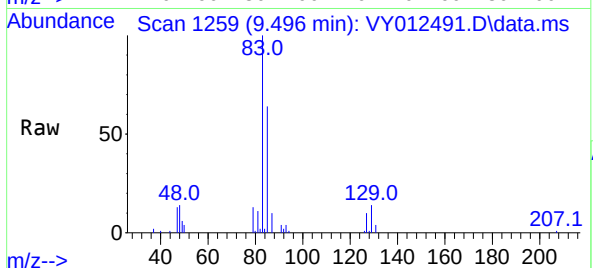
Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	11569
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0
127	9.9	7.3	10.9



#48

Methyl methacrylate

Concen: 4.516 ug/l

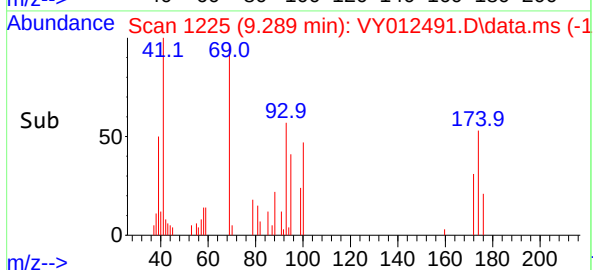
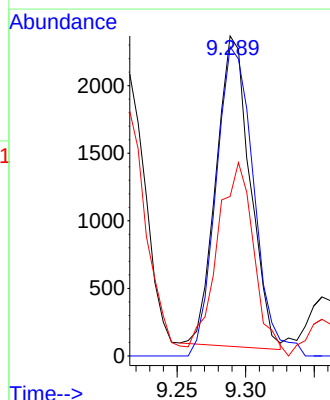
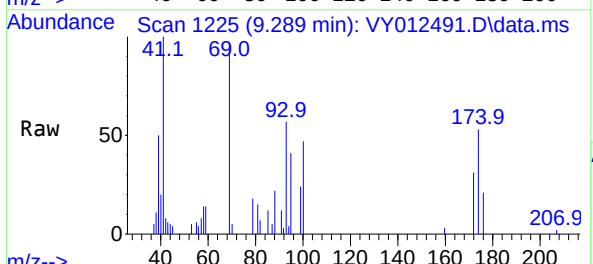
RT: 9.289 min Scan# 1225

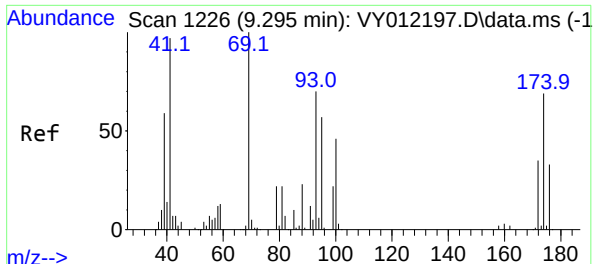
Delta R.T. -0.006 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Tgt Ion:	41	Resp:	3936
Ion	Ratio	Lower	Upper
41	100		
69	110.8	74.2	111.2
39	67.9	46.3	69.5

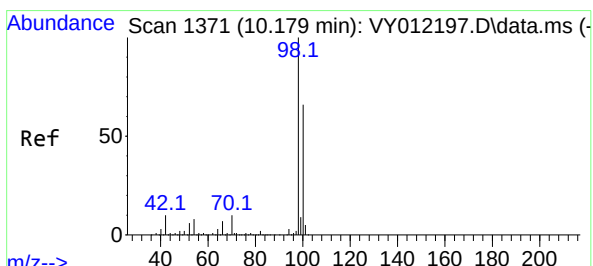
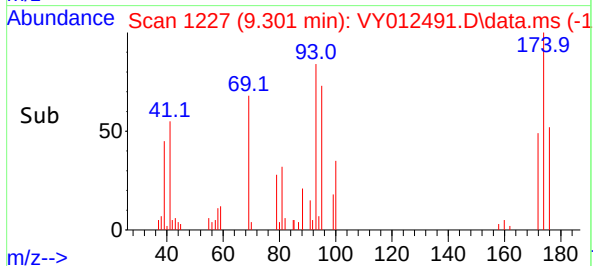
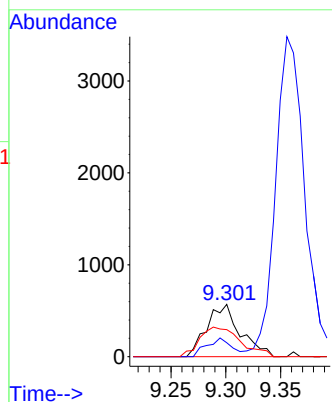
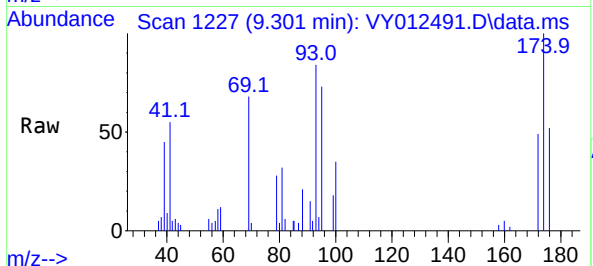




#49
1,4-Dioxane
Concen: 91.008 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

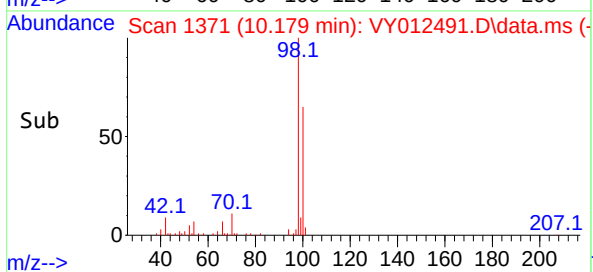
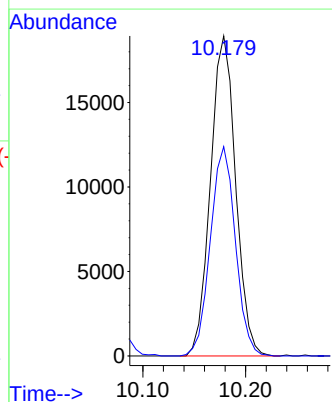
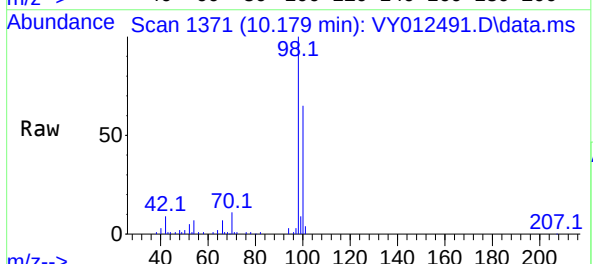
Instrument :
MSVOA_Y
ClientSampleId :

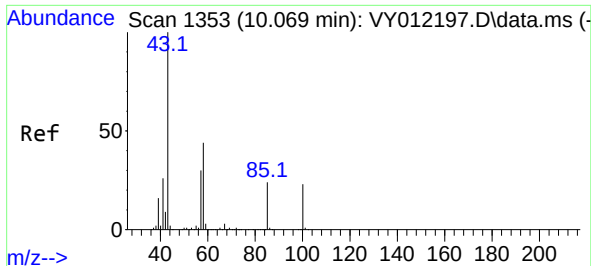
Tgt Ion: 88 Resp: 1207
Ion Ratio Lower Upper
88 100
43 26.2 26.2 39.2
58 68.9 54.3 81.5



#50
Toluene-d8
Concen: 4.882 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 98 Resp: 32226
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

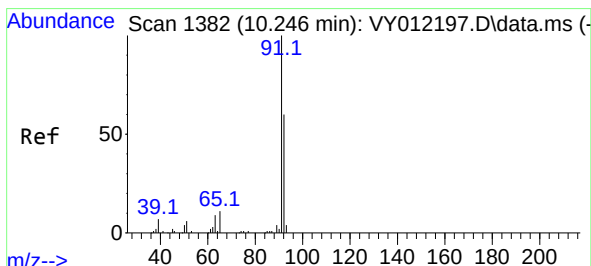
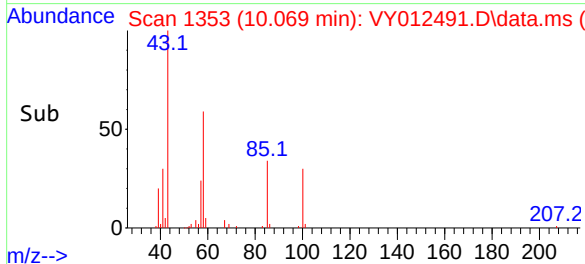
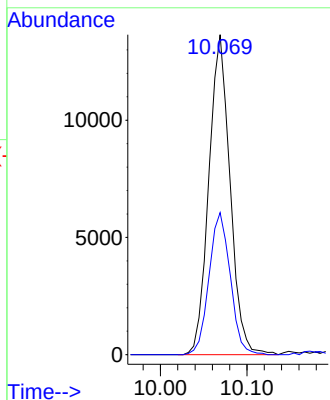
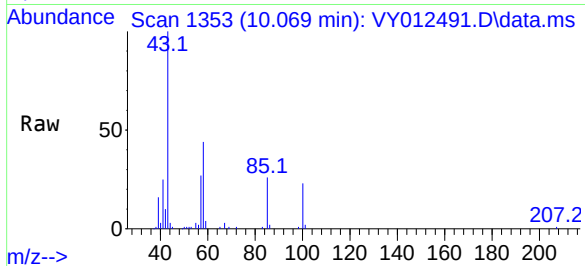




#51
4-Methyl-2-Pentanone
Concen: 22.357 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

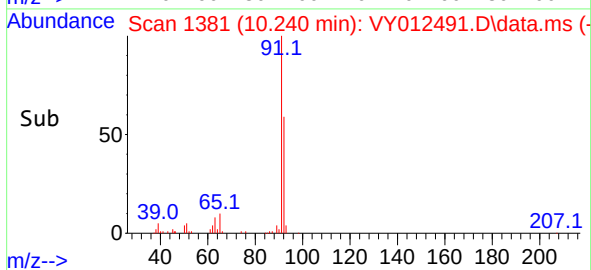
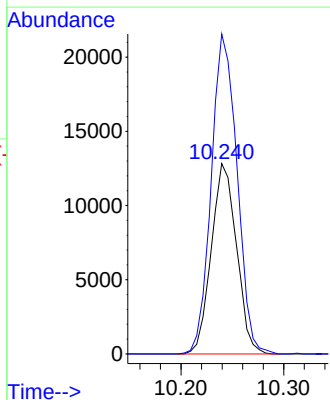
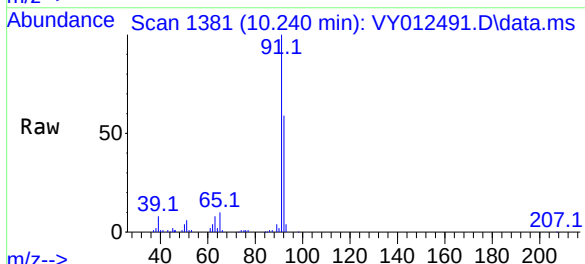
Instrument :
MSVOA_Y
ClientSampleId :

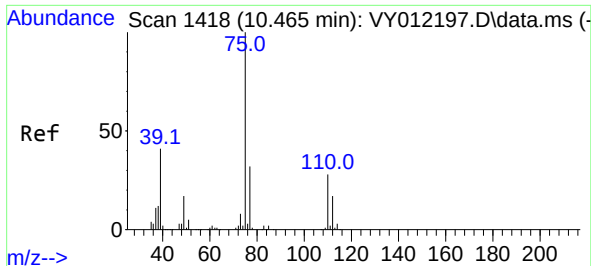
Tgt Ion: 43 Resp: 23219
Ion Ratio Lower Upper
43 100
58 44.4 32.9 49.3



#52
Toluene
Concen: 5.039 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 92 Resp: 21893
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0

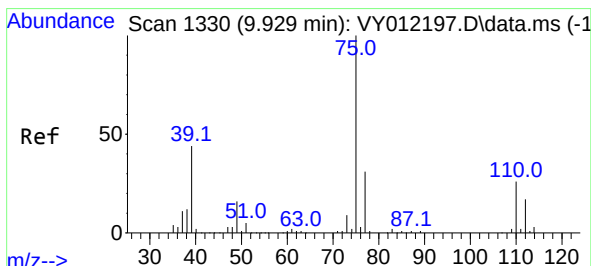
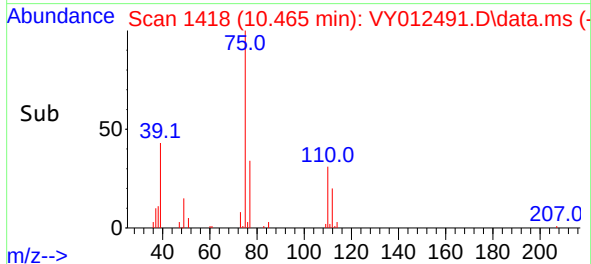
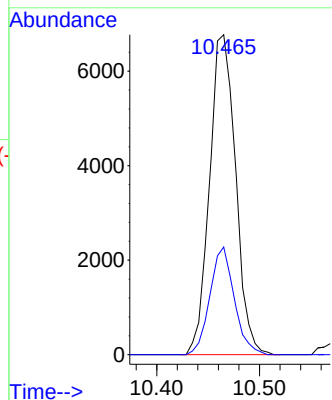
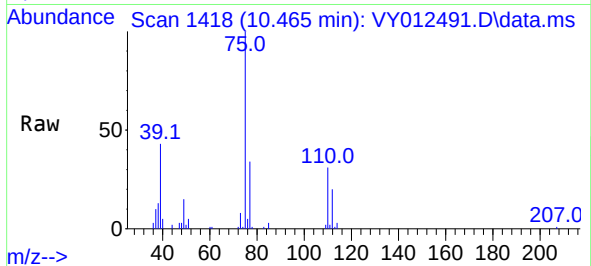




#53
t-1,3-Dichloropropene
Concen: 4.894 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

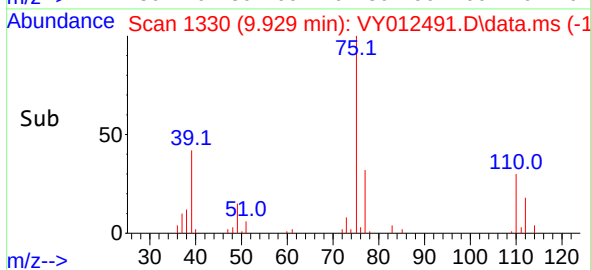
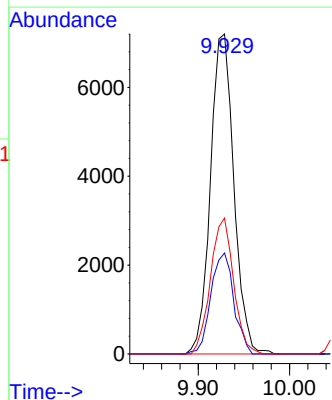
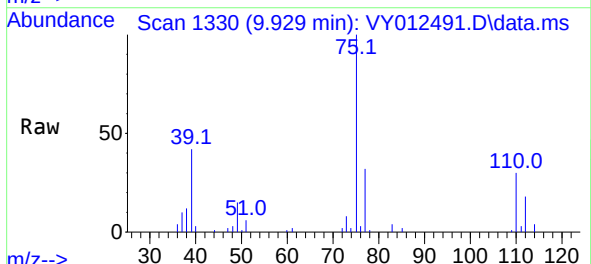
Instrument :
MSVOA_Y
ClientSampleId :

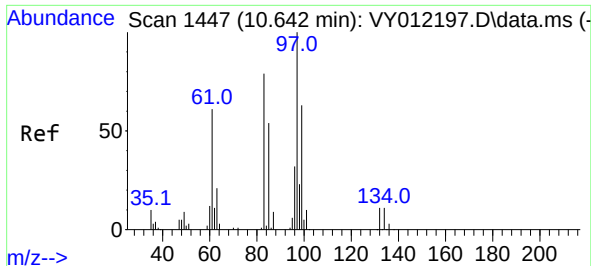
Tgt Ion: 75 Resp: 11940
Ion Ratio Lower Upper
75 100
77 33.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 4.905 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 75 Resp: 12805
Ion Ratio Lower Upper
75 100
77 31.6 25.9 38.9
39 42.4 34.6 52.0

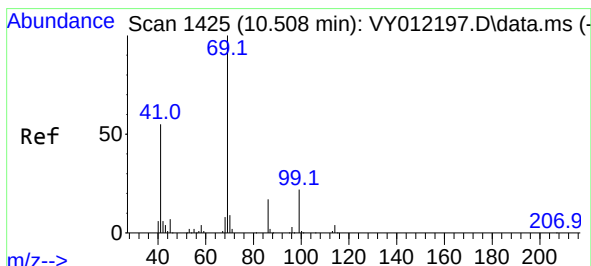
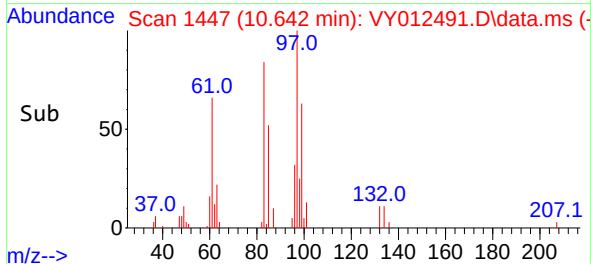
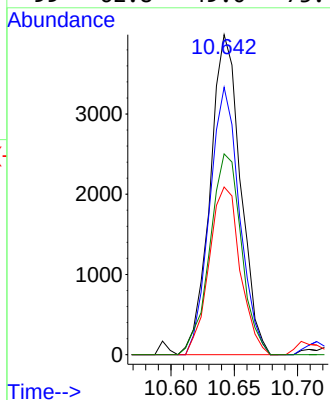
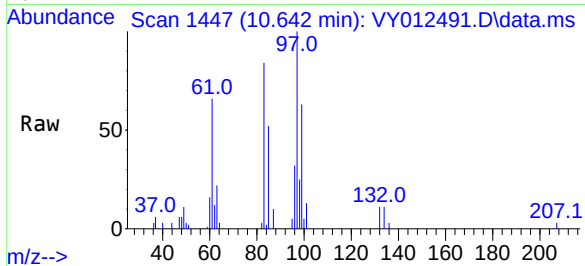




#55
1,1,2-Trichloroethane
Concen: 4.909 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

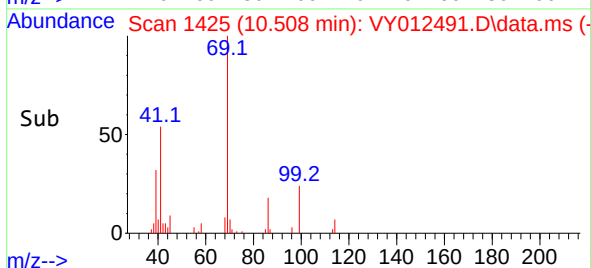
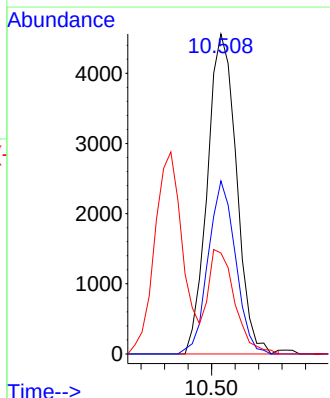
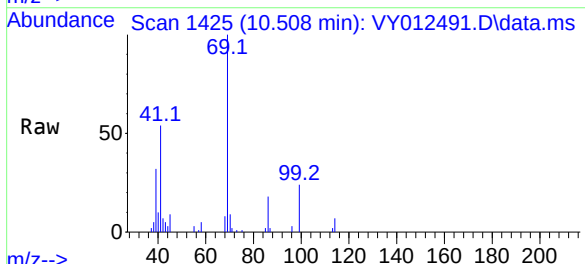
Instrument :
MSVOA_Y
ClientSampleId :

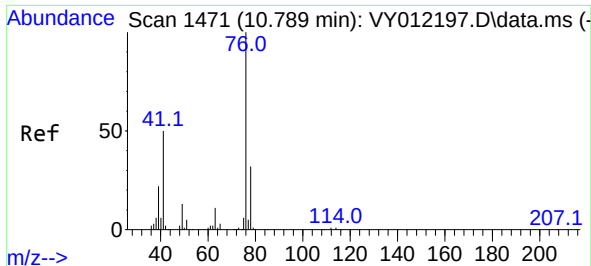
Tgt Ion:	97	Resp:	6675
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.7	101.5
85	52.4	43.8	65.8
99	62.8	49.0	73.4



#56
Ethyl methacrylate
Concen: 4.458 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:	69	Resp:	7855
Ion	Ratio	Lower	Upper
69	100		
41	50.8	48.9	73.3
39	29.8	25.9	38.9





#57

1,3-Dichloropropane

Concen: 4.842 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

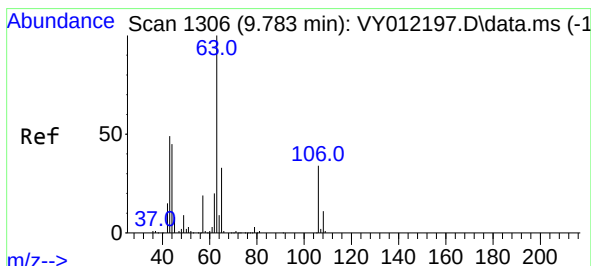
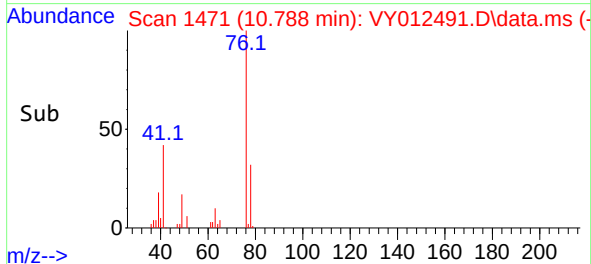
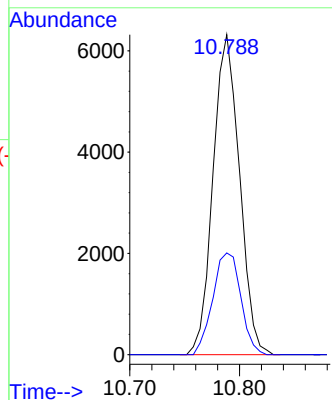
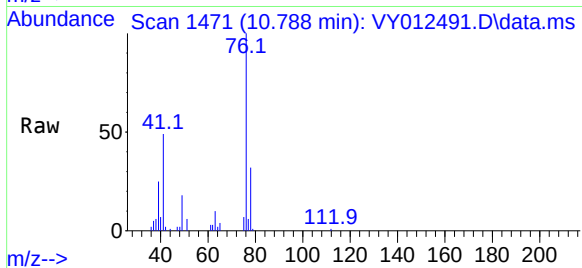
ClientSampleId :

Tgt Ion: 76 Resp: 10594

Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 19.059 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012491.D

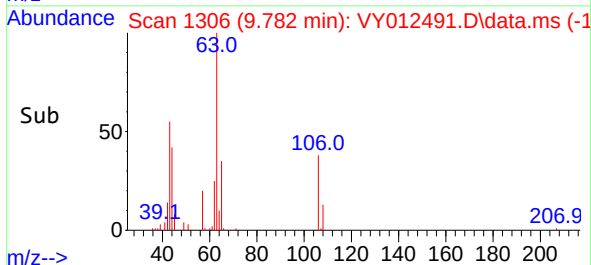
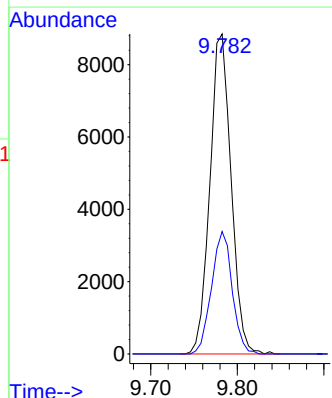
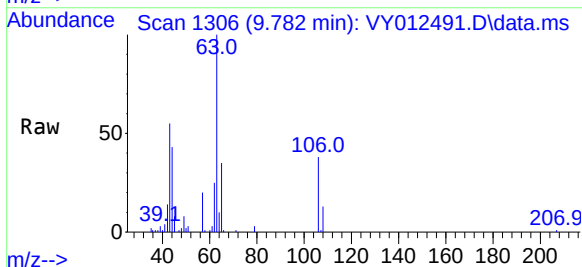
Acq: 06 Feb 2023 12:59

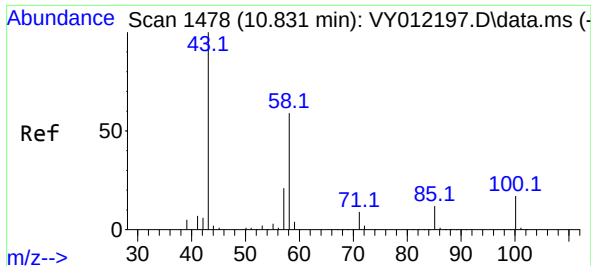
Tgt Ion: 63 Resp: 15053

Ion Ratio Lower Upper

63 100

106 37.3 23.2 34.8#

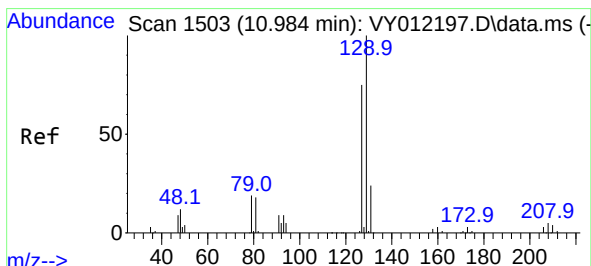
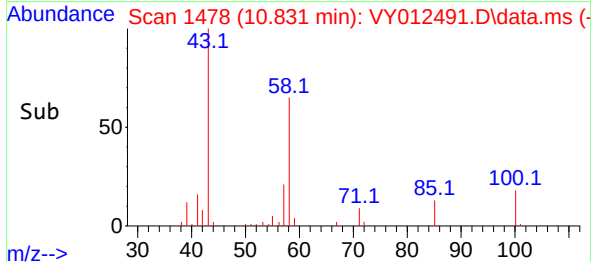
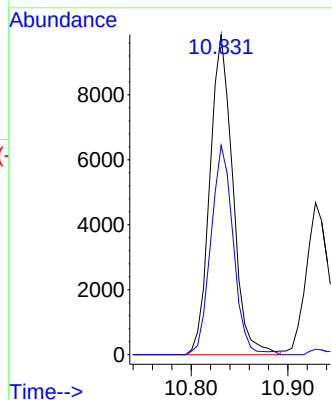
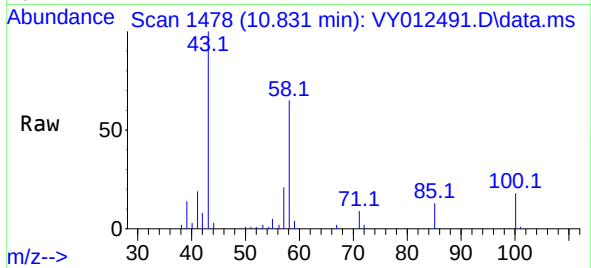




#59
2-Hexanone
Concen: 20.909 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

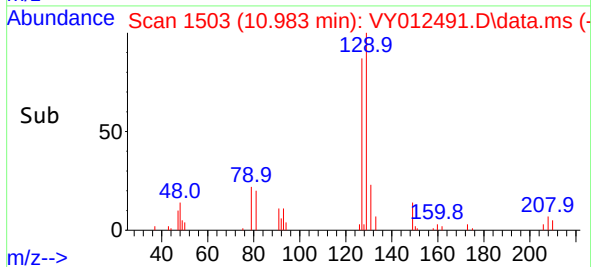
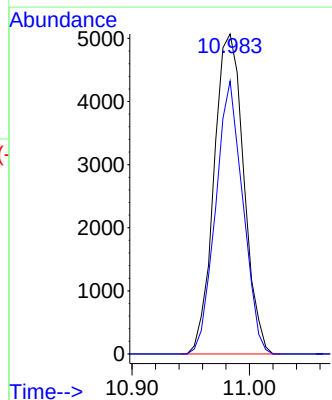
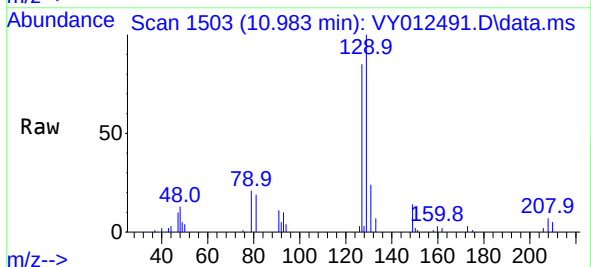
Instrument :
MSVOA_Y
ClientSampleId :

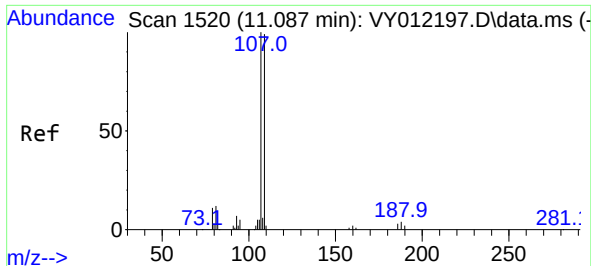
Tgt Ion: 43 Resp: 16202
Ion Ratio Lower Upper
43 100
58 63.9 28.4 85.2



#60
Dibromochloromethane
Concen: 4.935 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 129 Resp: 8933
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

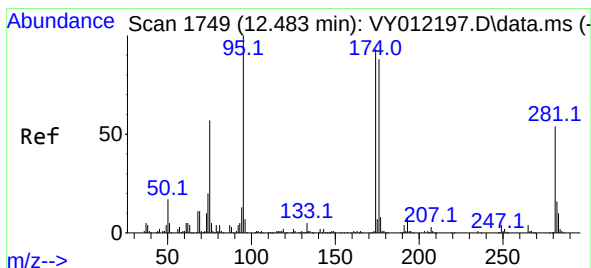
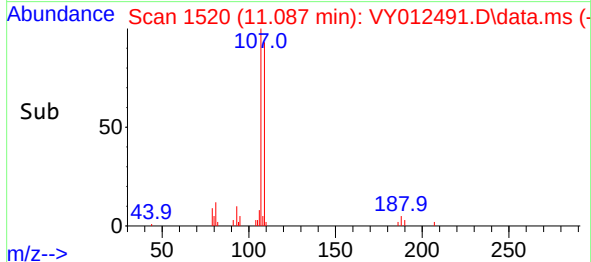
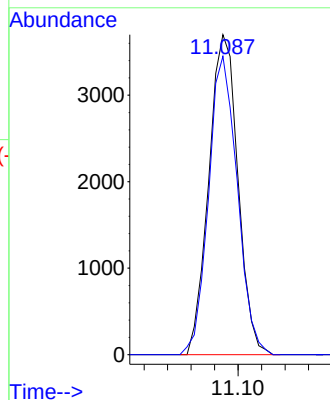
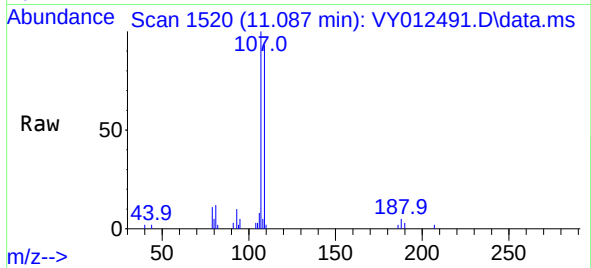




#61
1,2-Dibromoethane
Concen: 4.921 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

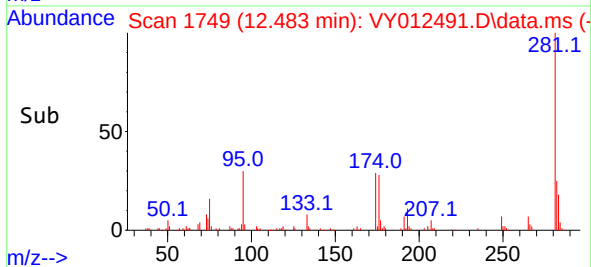
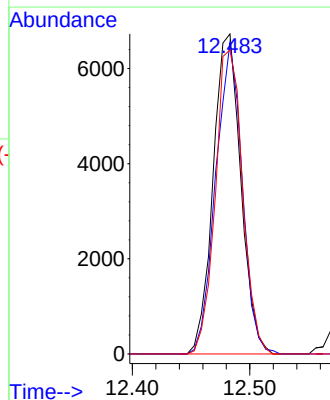
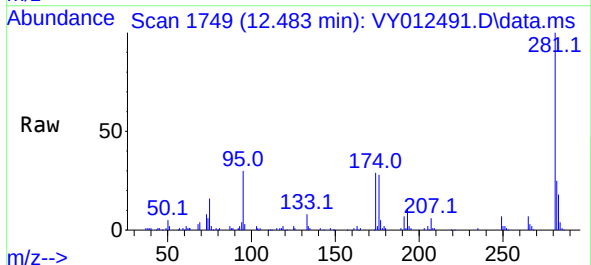
Instrument :
MSVOA_Y
ClientSampleId :

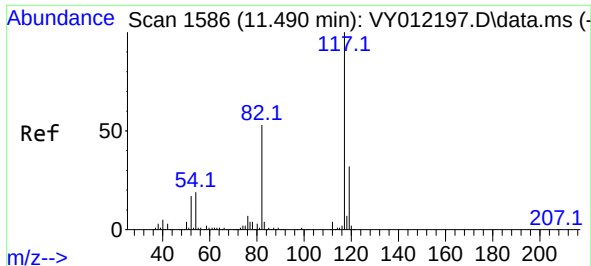
Tgt Ion:107 Resp: 6369
Ion Ratio Lower Upper
107 100
109 92.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 4.961 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

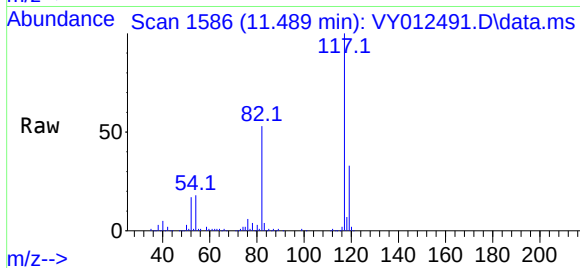
Tgt Ion: 95 Resp: 11016
Ion Ratio Lower Upper
95 100
174 92.6 0.0 172.0
176 93.6 0.0 167.6



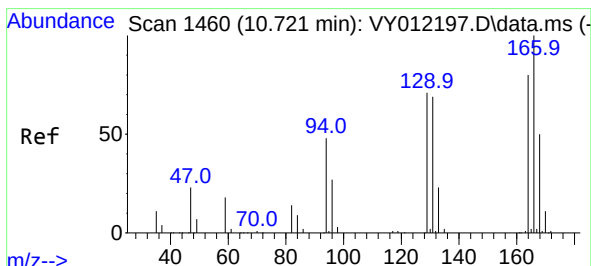
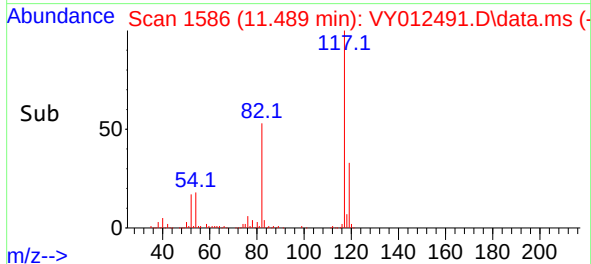
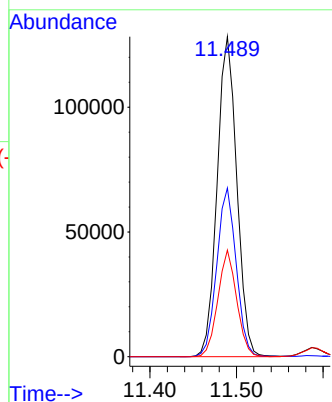


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

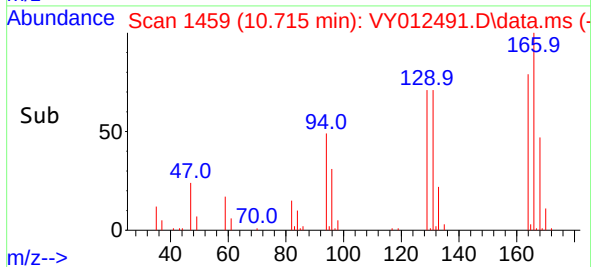
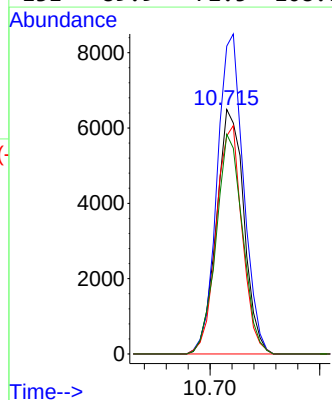
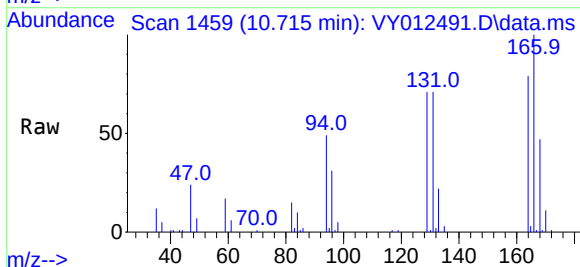


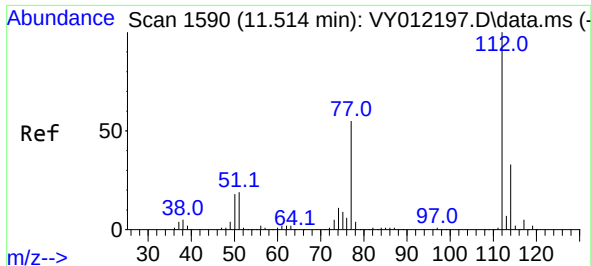
Tgt Ion:117 Resp: 202453
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 33.3 25.4 38.2



#64
Tetrachloroethene
Concen: 5.354 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:164 Resp: 11292
Ion Ratio Lower Upper
164 100
166 125.9 102.3 153.5
129 89.2 77.2 115.8
131 89.9 72.5 108.7

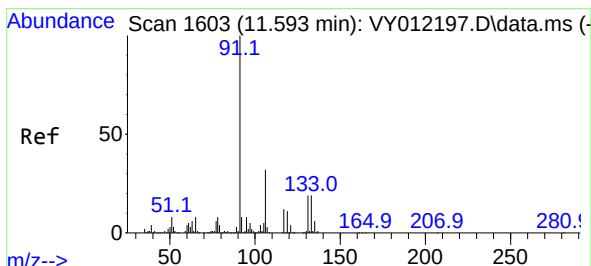
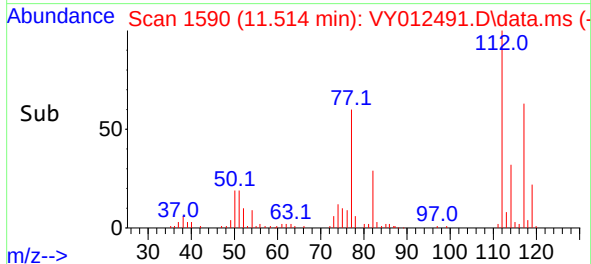
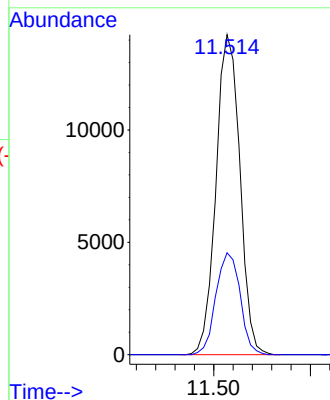
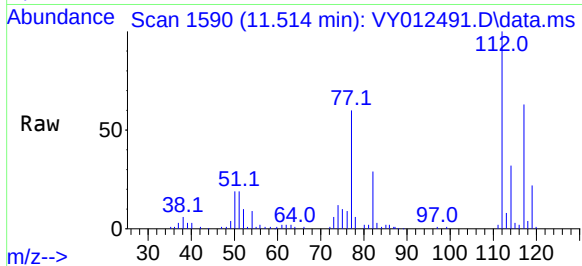




#65
Chlorobenzene
Concen: 5.209 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

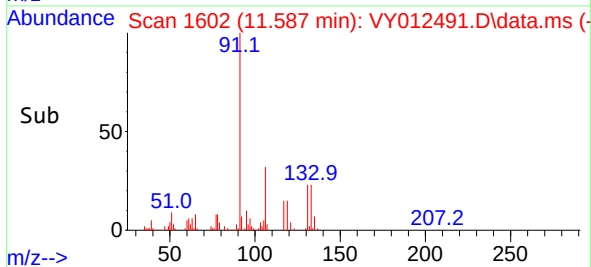
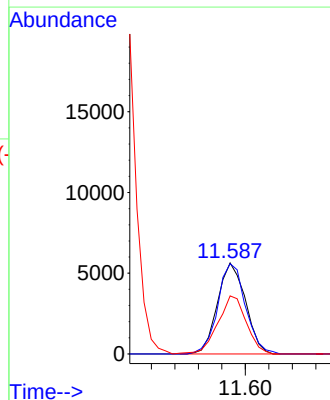
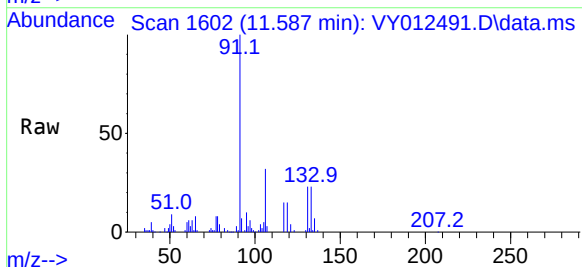
Instrument :
MSVOA_Y
ClientSampleId :

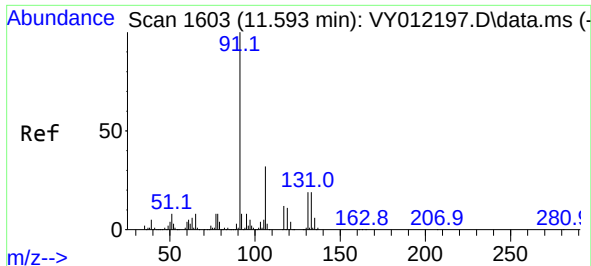
Tgt Ion:112 Resp: 24387
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.048 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:131 Resp: 9297
Ion Ratio Lower Upper
131 100
133 99.0 47.3 142.0
119 64.7 32.1 96.3





#67

Ethyl Benzene

Concen: 4.988 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

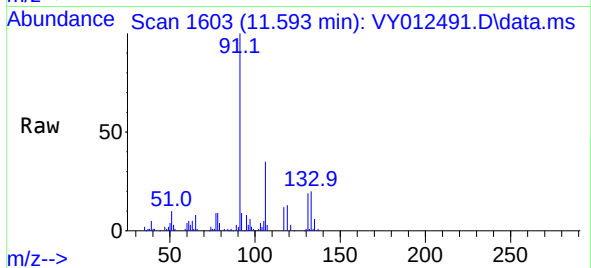
ClientSampleId :

Tgt Ion: 91 Resp: 41415

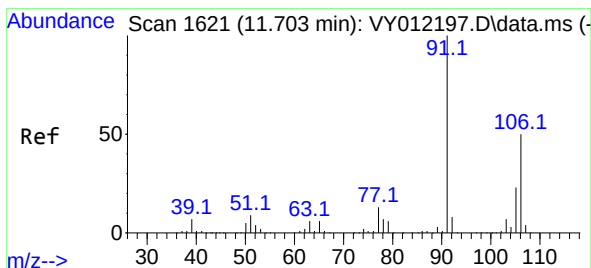
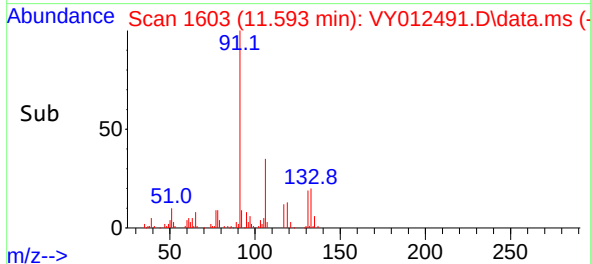
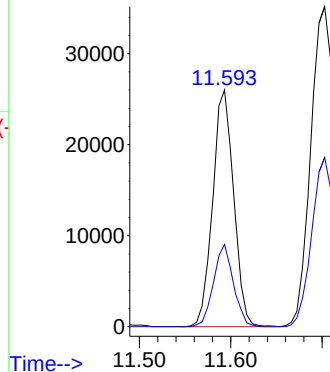
Ion Ratio Lower Upper

91 100

106 34.7 25.0 37.4



Abundance



#68

m/p-Xylenes

Concen: 10.038 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012491.D

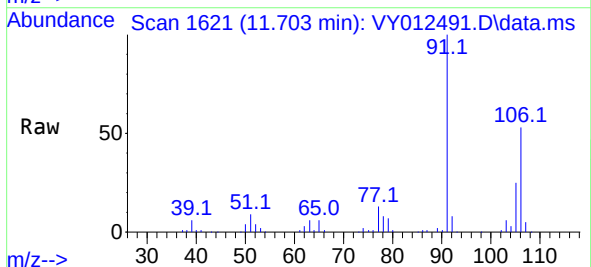
Acq: 06 Feb 2023 12:59

Tgt Ion:106 Resp: 33080

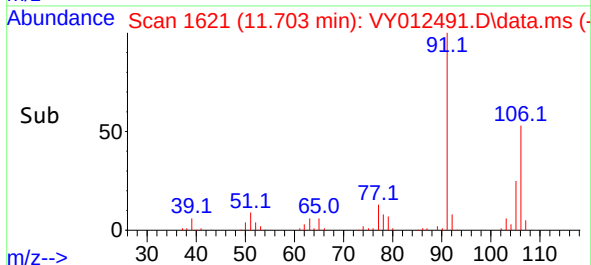
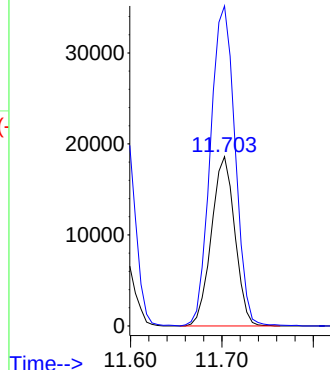
Ion Ratio Lower Upper

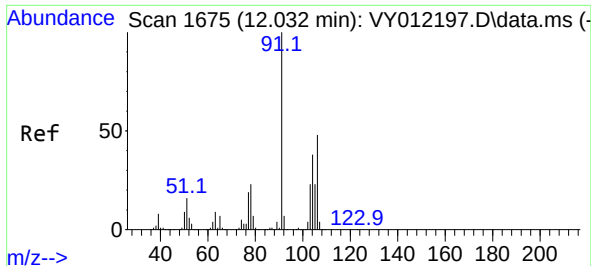
106 100

91 199.2 162.5 243.7



Abundance

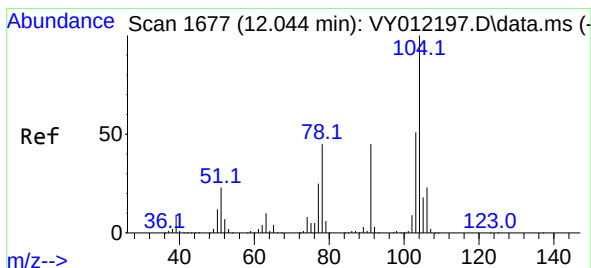
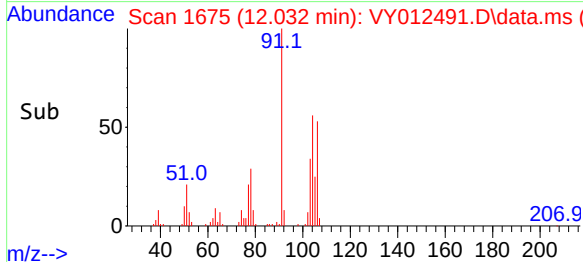
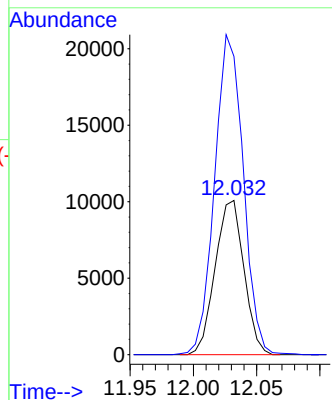
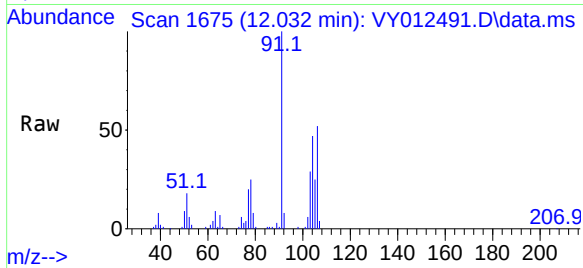




#69
o-Xylene
Concen: 5.077 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

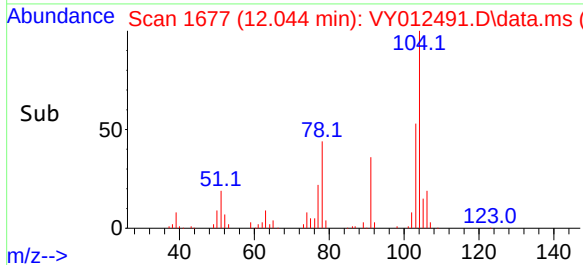
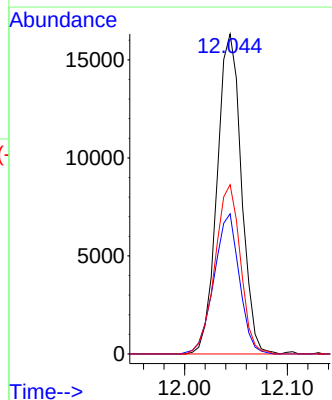
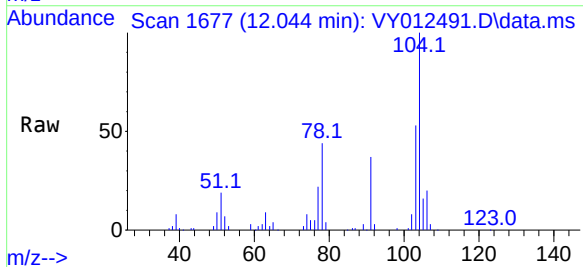
Instrument :
MSVOA_Y
ClientSampleId :

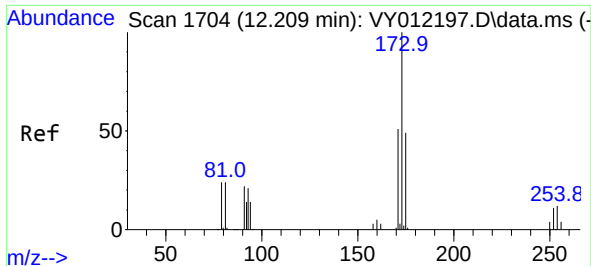
Tgt Ion:106 Resp: 15933
Ion Ratio Lower Upper
106 100
91 207.1 107.5 322.4



#70
Styrene
Concen: 4.997 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:104 Resp: 26701
Ion Ratio Lower Upper
104 100
78 46.0 39.4 59.0
103 55.5 43.0 64.4

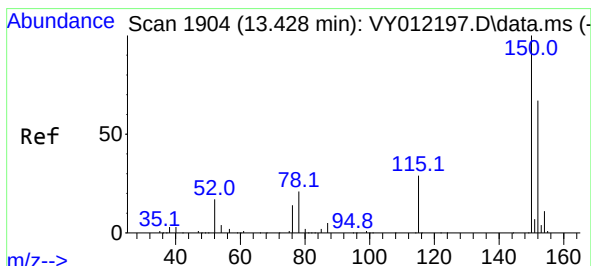
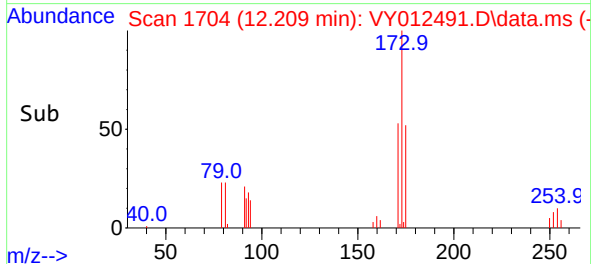
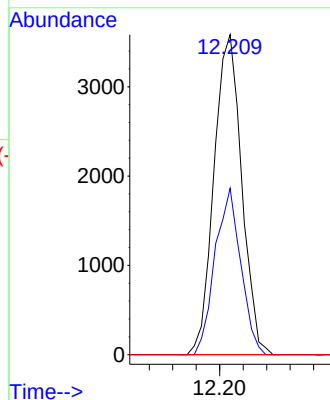
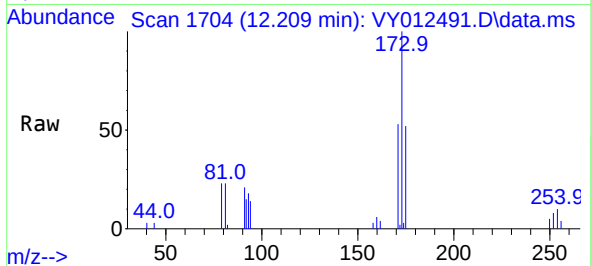




#71
Bromoform
Concen: 4.892 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

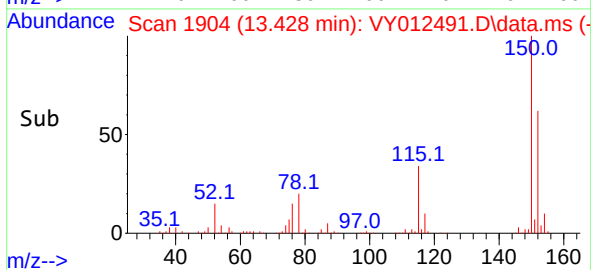
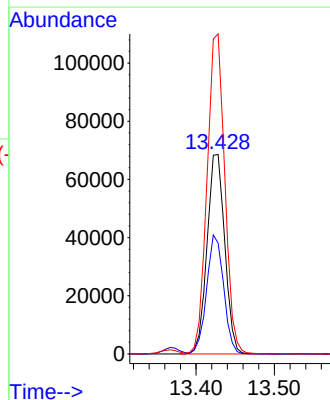
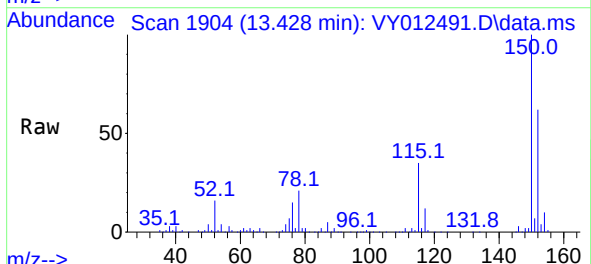
Instrument :
MSVOA_Y
ClientSampleId :

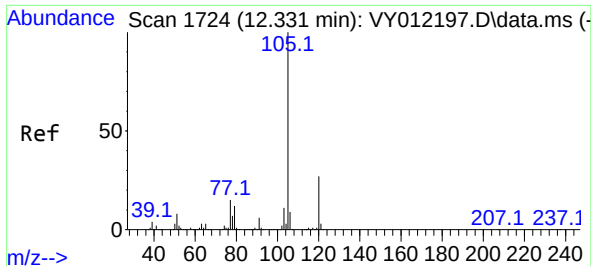
Tgt Ion:173 Resp: 5866
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:152 Resp: 107611
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 160.1 0.0 342.6

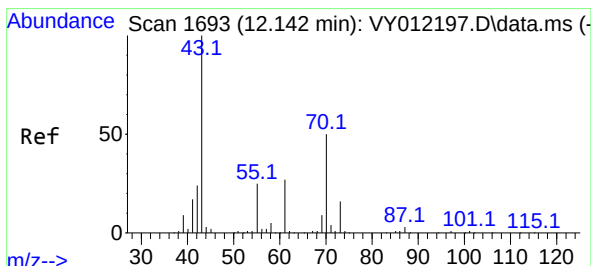
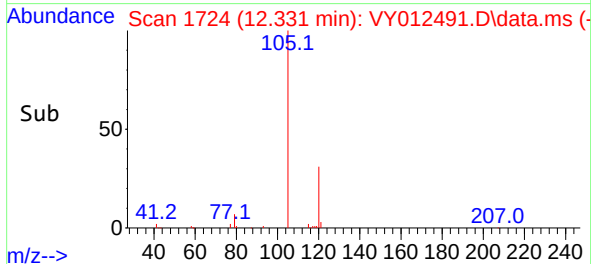
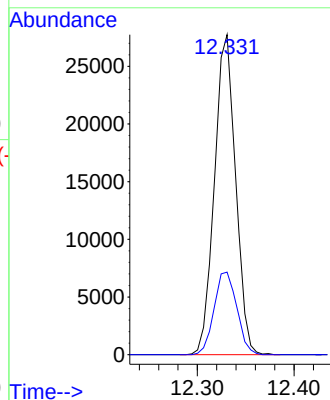
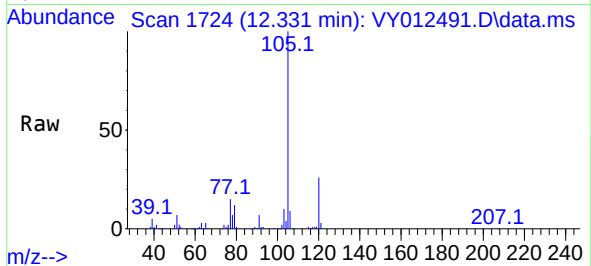




#73
Isopropylbenzene
Concen: 4.924 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

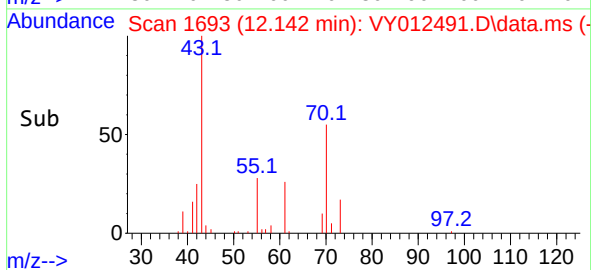
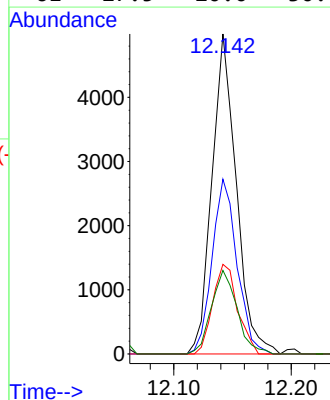
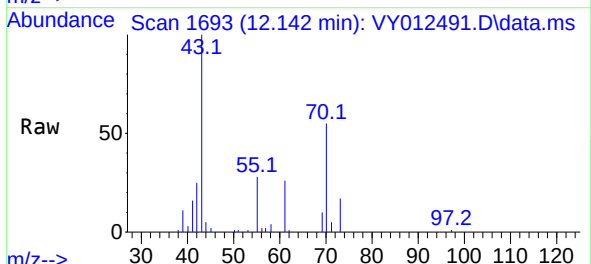
Instrument :
MSVOA_Y
ClientSampleId :

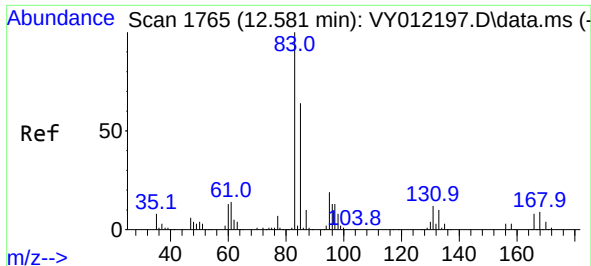
Tgt Ion:105 Resp: 42132
Ion Ratio Lower Upper
105 100
120 27.8 13.2 39.6



#74
N-ethyl acetate
Concen: 4.383 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 43 Resp: 7186
Ion Ratio Lower Upper
43 100
70 56.1 35.8 53.8#
55 28.6 21.0 31.4
61 27.5 20.0 30.0

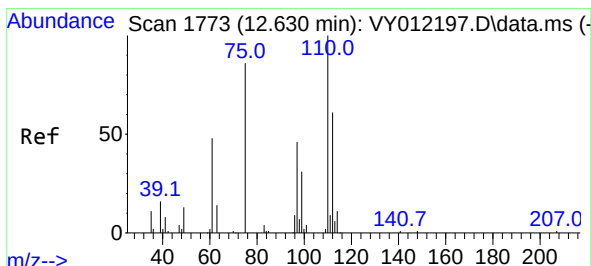
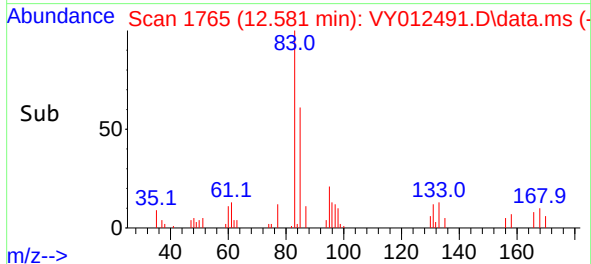
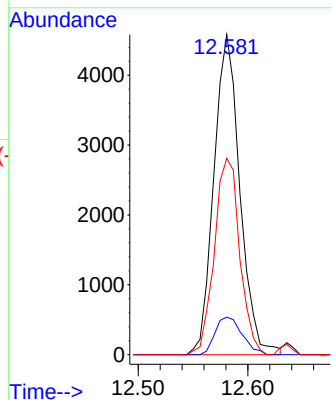
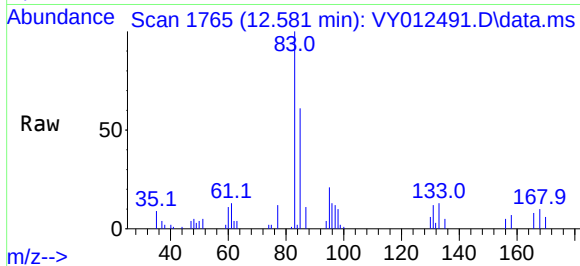




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.295 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

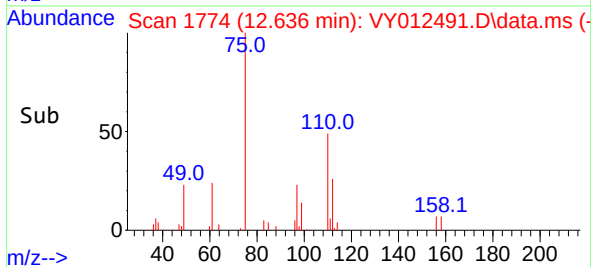
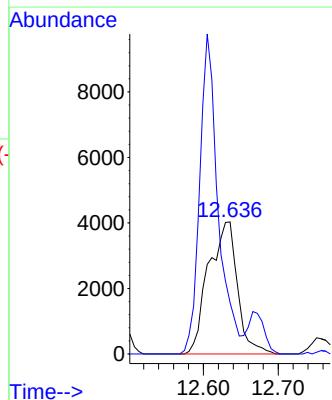
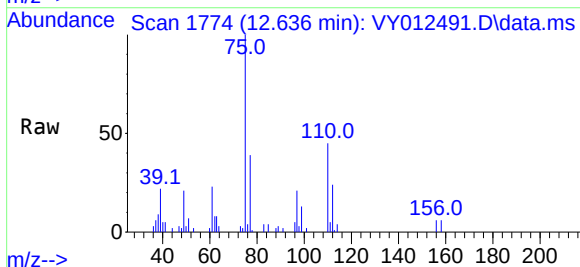
Instrument :
 MSVOA_Y
 ClientSampleId :

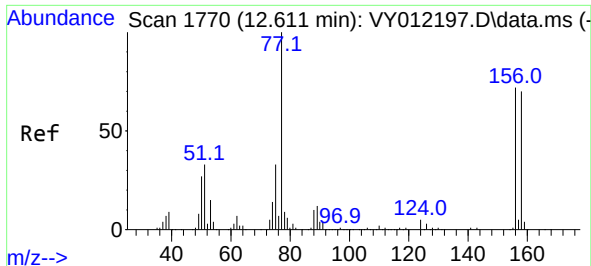
Tgt Ion: 83 Resp: 7556
 Ion Ratio Lower Upper
 83 100
 131 12.1 5.6 16.8
 85 59.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 9.219 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

Tgt Ion: 75 Resp: 10858
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

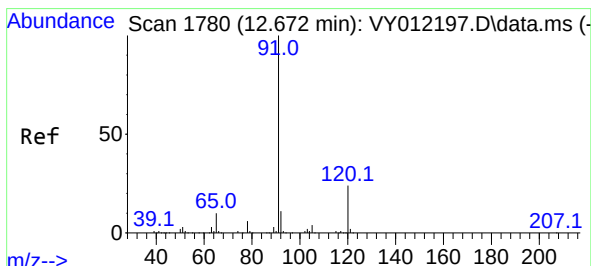
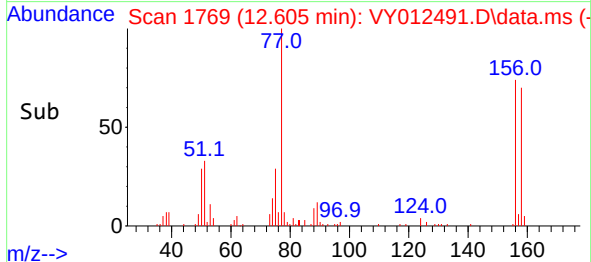
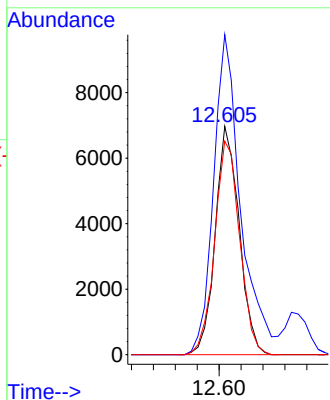
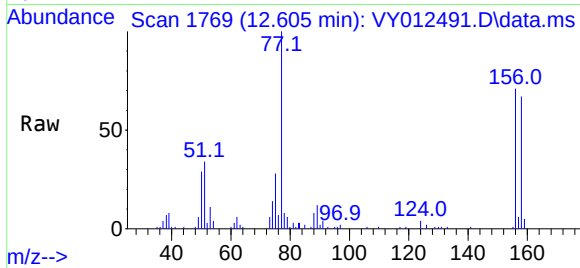




#77
Bromobenzene
Concen: 5.120 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

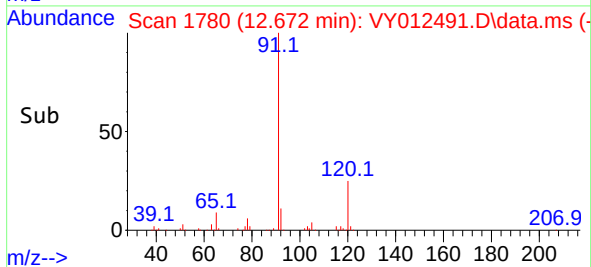
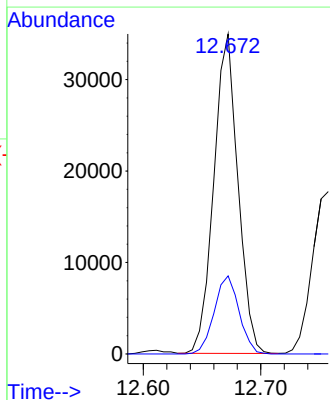
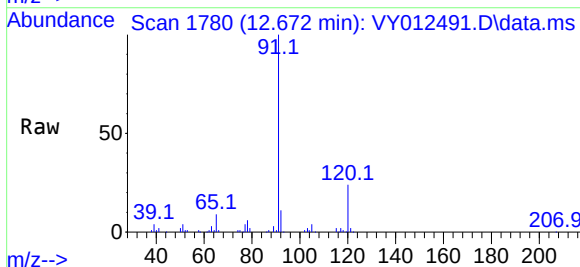
Instrument :
MSVOA_Y
ClientSampleId :

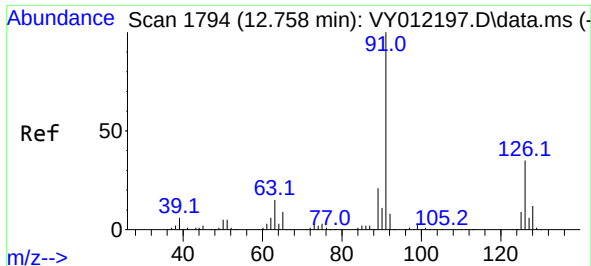
Tgt Ion:156 Resp: 10568
Ion Ratio Lower Upper
156 100
77 157.5 90.0 270.0
158 97.8 48.4 145.2



#78
n-propylbenzene
Concen: 5.015 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 91 Resp: 49873
Ion Ratio Lower Upper
91 100
120 25.1 11.8 35.4

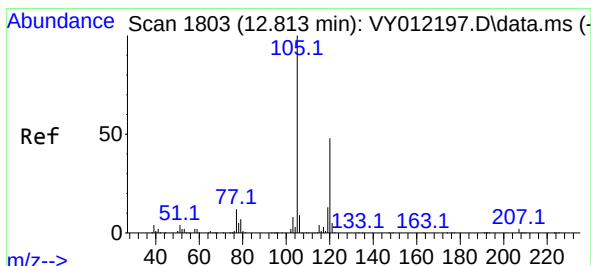
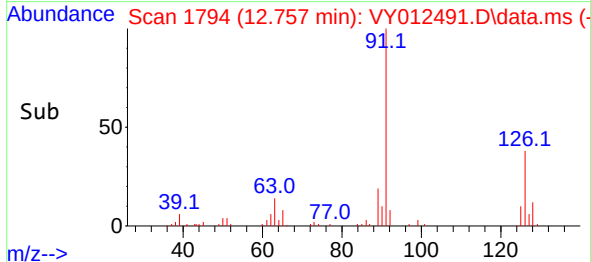
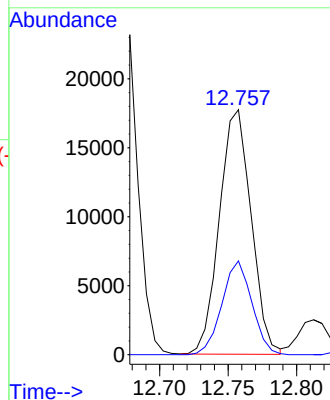
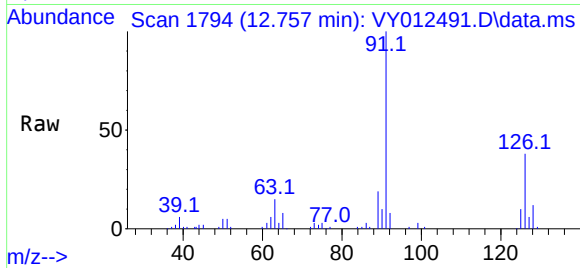




#79
2-Chlorotoluene
Concen: 5.059 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

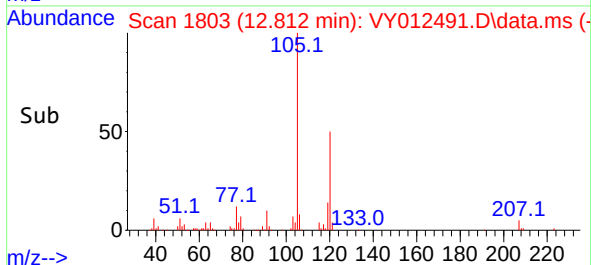
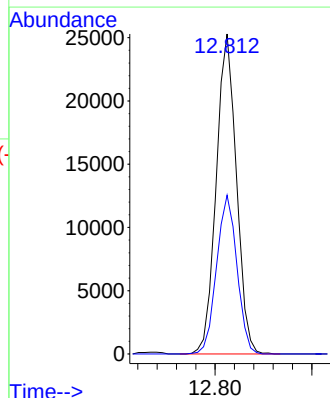
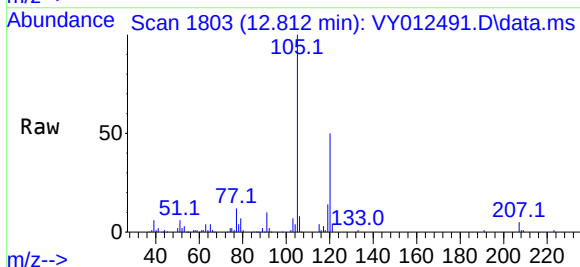
Instrument :
MSVOA_Y
ClientSampleId :

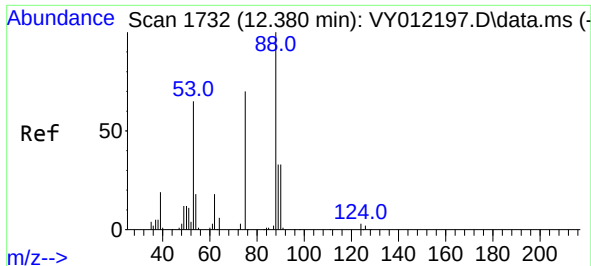
Tgt Ion: 91 Resp: 28636
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 4.968 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 105 Resp: 36597
Ion Ratio Lower Upper
105 100
120 49.9 24.2 72.6

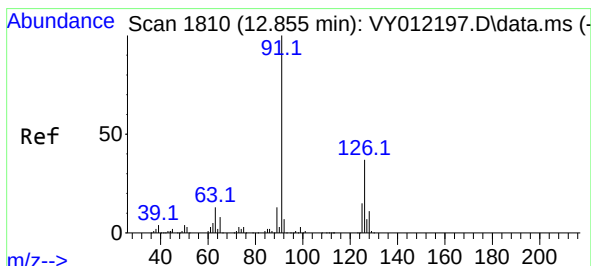
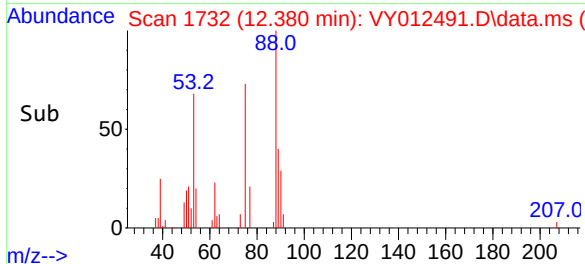
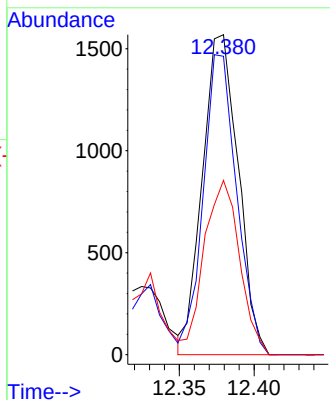
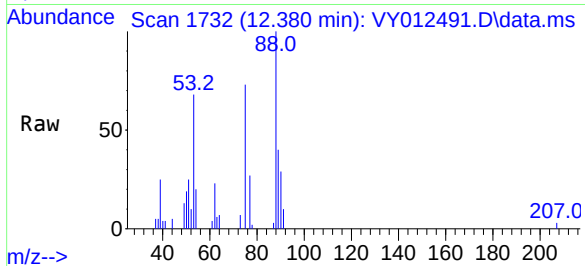




#81
trans-1,4-Dichloro-2-butene
Concen: 4.796 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

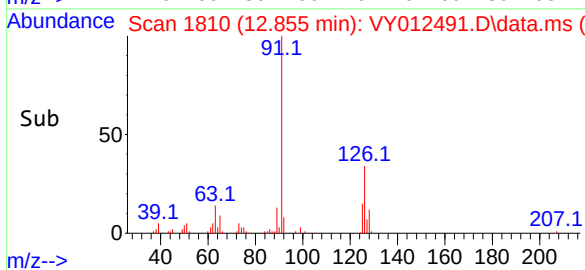
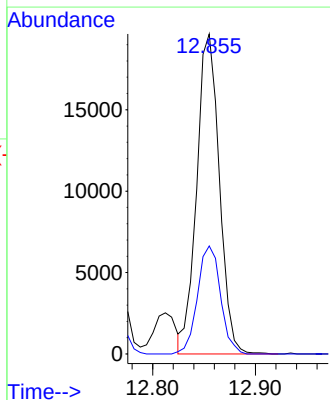
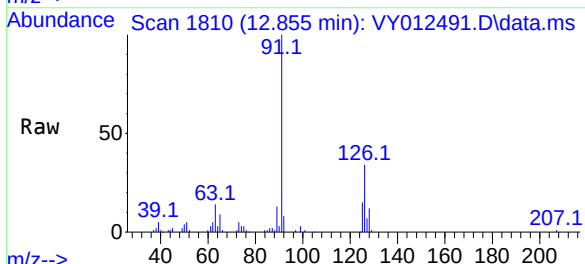
Instrument :
MSVOA_Y
ClientSampleId :

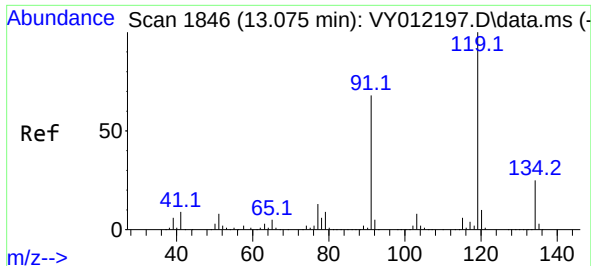
Tgt Ion: 75 Resp: 2610
Ion Ratio Lower Upper
75 100
53 87.8 72.5 108.7
89 54.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.057 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 91 Resp: 30107
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

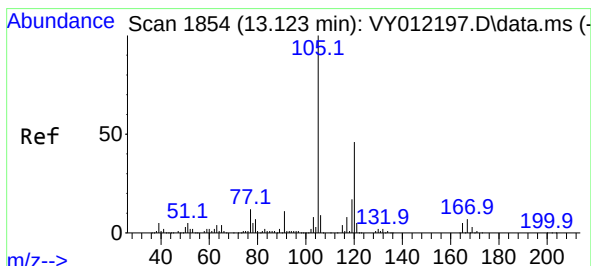
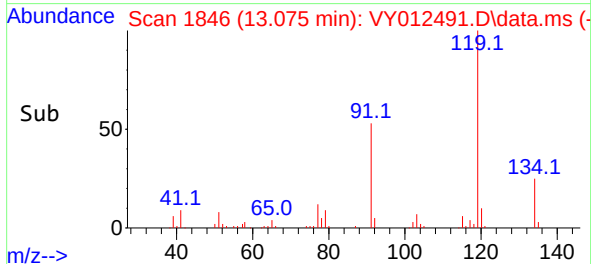
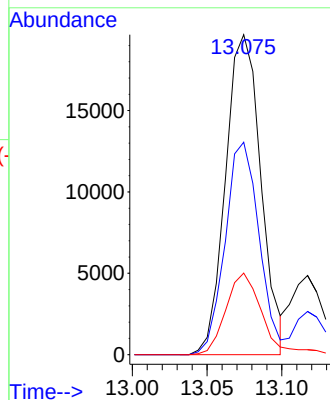
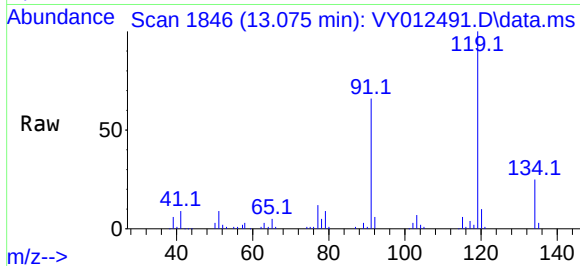




#83
tert-Butylbenzene
Concen: 5.012 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

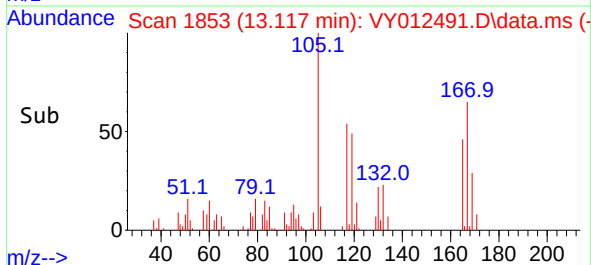
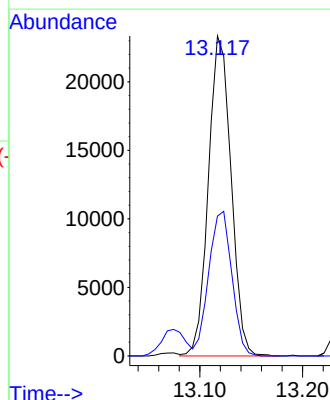
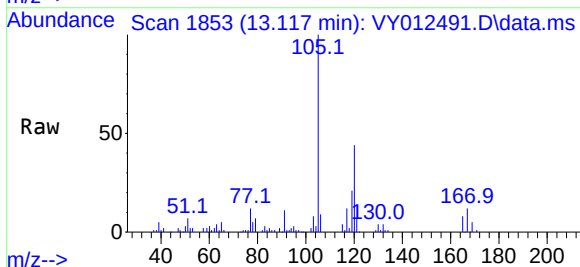
Instrument :
MSVOA_Y
ClientSampleId :

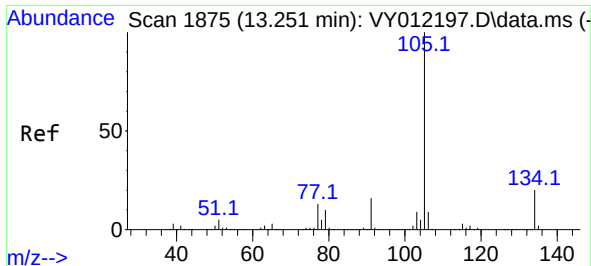
Tgt Ion:119 Resp: 32357
Ion Ratio Lower Upper
119 100
91 63.7 32.3 96.8
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 4.900 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:105 Resp: 35769
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7

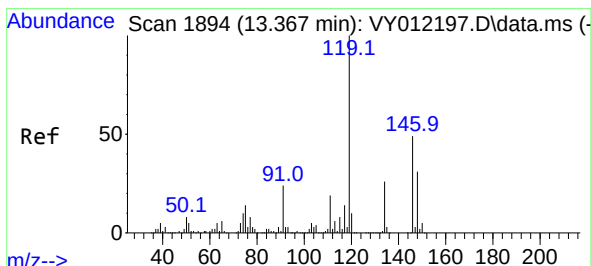
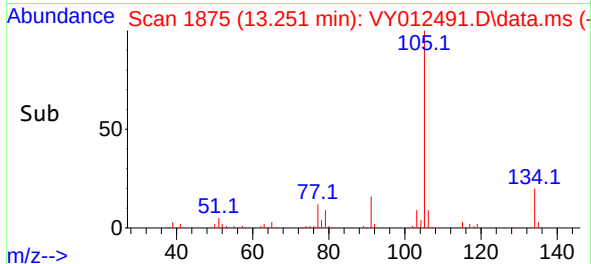
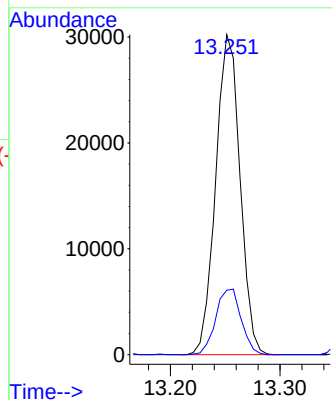
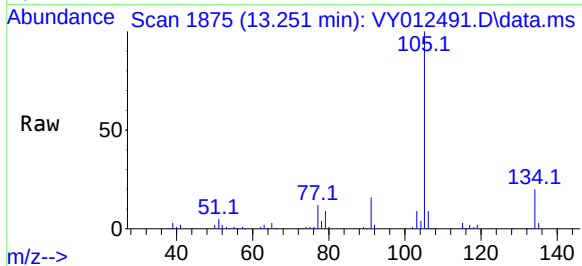




#85
 sec-Butylbenzene
 Concen: 5.000 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

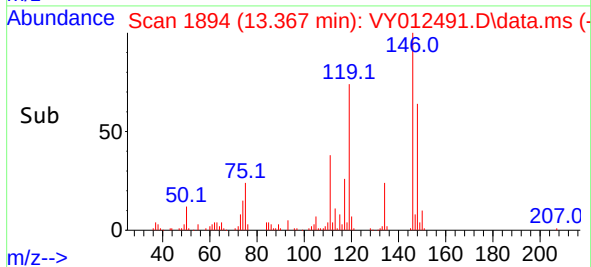
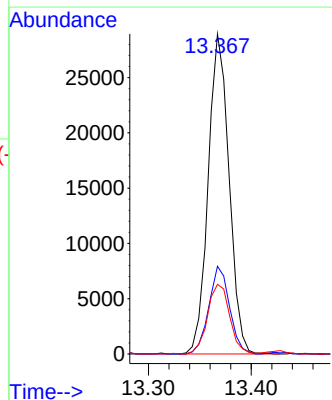
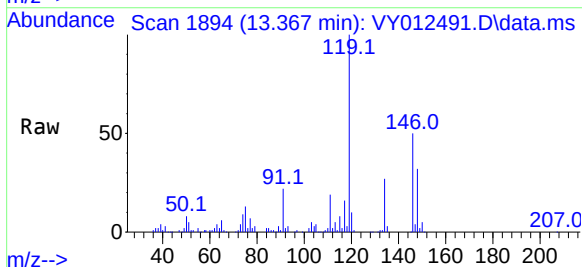
Instrument :
 MSVOA_Y
 ClientSampleId :

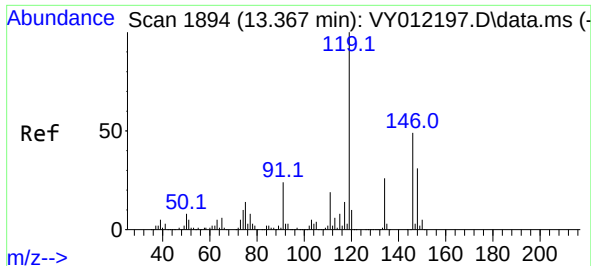
Tgt Ion:105 Resp: 46620
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 5.039 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012491.D
 Acq: 06 Feb 2023 12:59

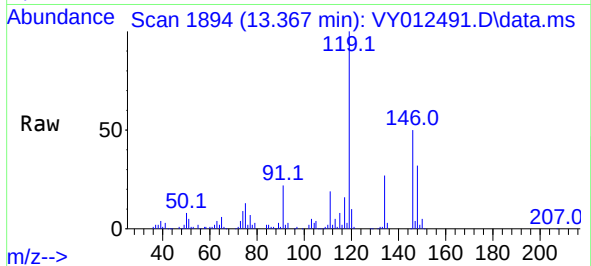
Tgt Ion:119 Resp: 40904
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.0 39.0
 91 23.1 11.9 35.9



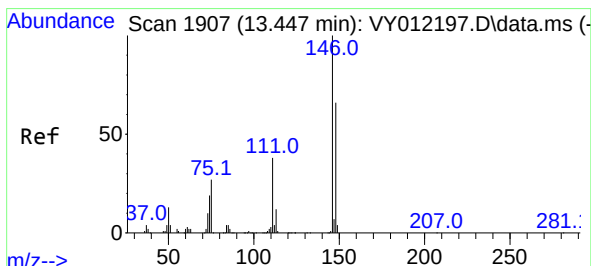
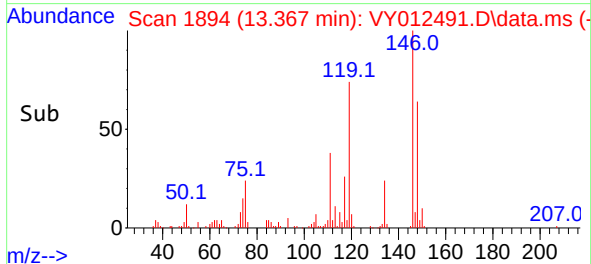
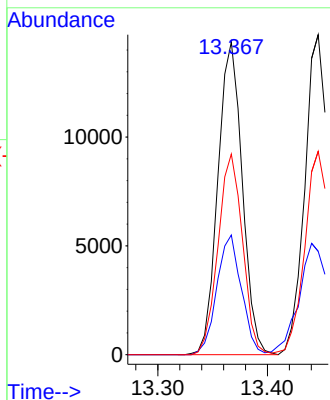


#87
1,3-Dichlorobenzene
Concen: 5.328 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

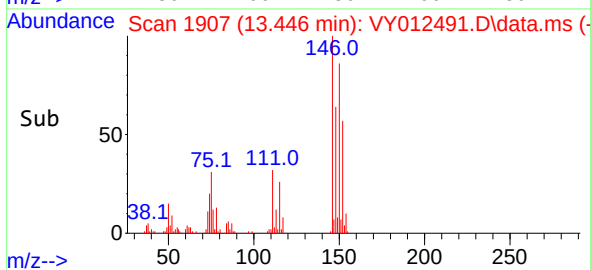
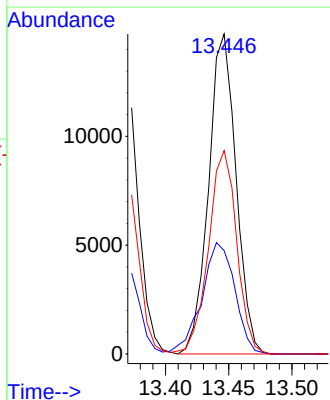
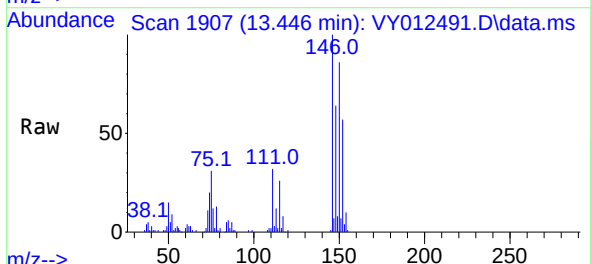


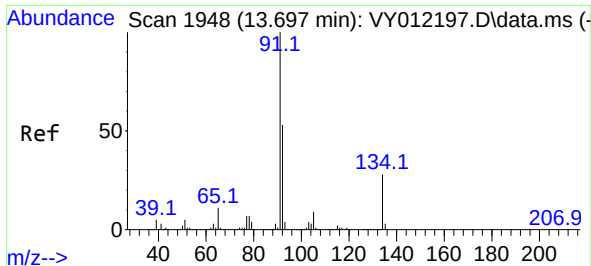
Tgt Ion:146 Resp: 22234
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.0
148 64.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 5.315 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:146 Resp: 22225
Ion Ratio Lower Upper
146 100
111 42.0 19.6 58.7
148 65.3 31.9 95.7

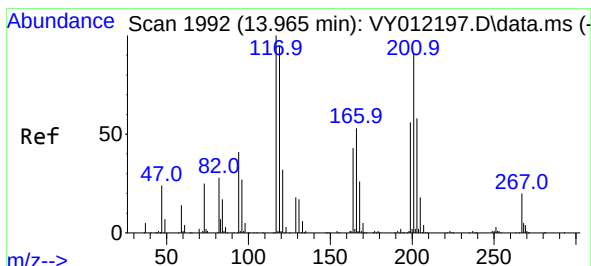
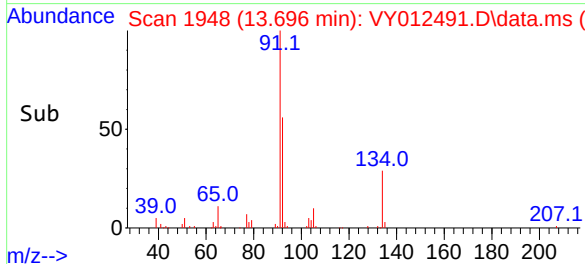
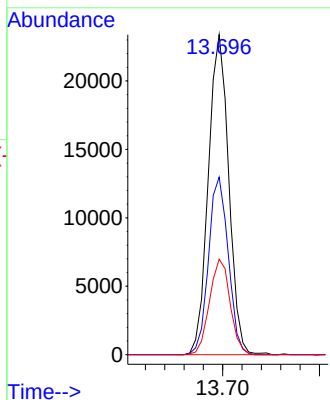
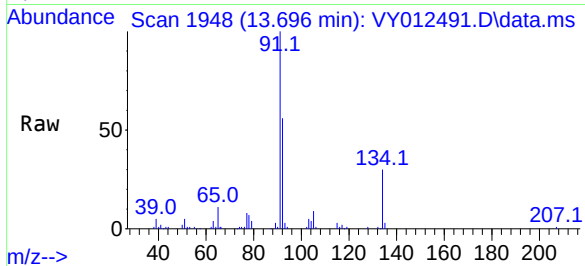




#89
n-Butylbenzene
Concen: 4.913 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

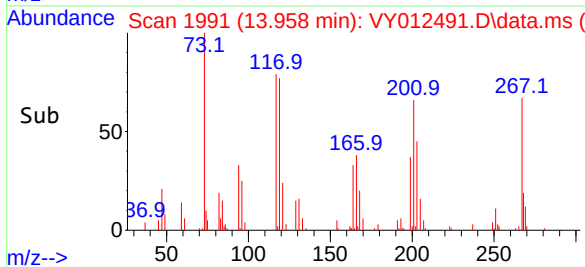
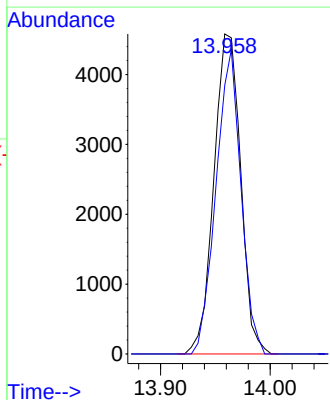
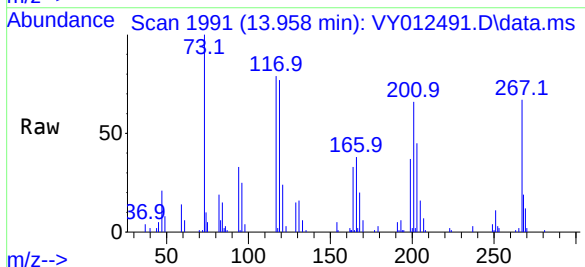
Instrument :
MSVOA_Y
ClientSampleId :

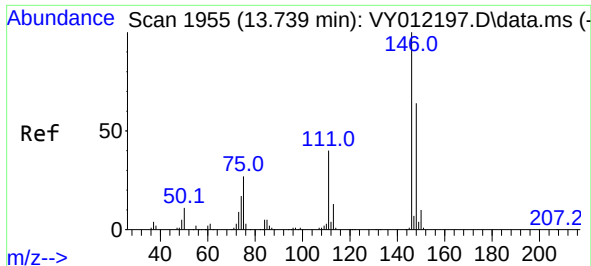
Tgt Ion: 91	Resp: 34298
Ion Ratio	Lower Upper
91	100
92	53.7 26.8 80.4
134	30.1 13.3 39.8



#90
Hexachloroethane
Concen: 5.256 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion: 117	Resp: 7756
Ion Ratio	Lower Upper
117	100
201	88.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 5.232 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012491.D

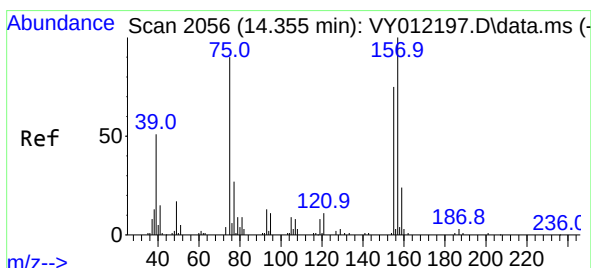
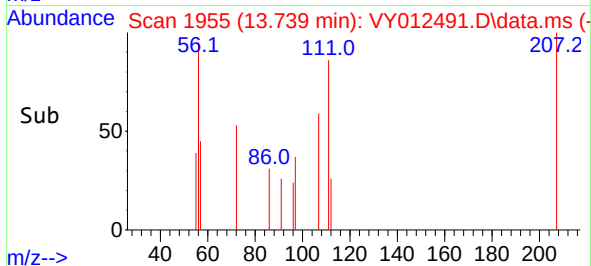
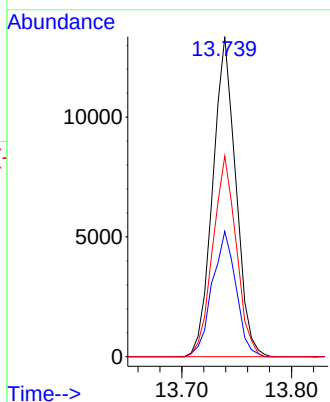
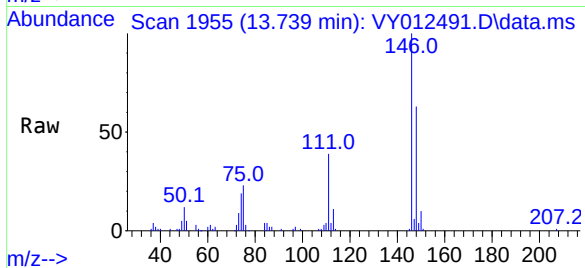
Acq: 06 Feb 2023 12:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	19542
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	64.0	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.977 ug/l

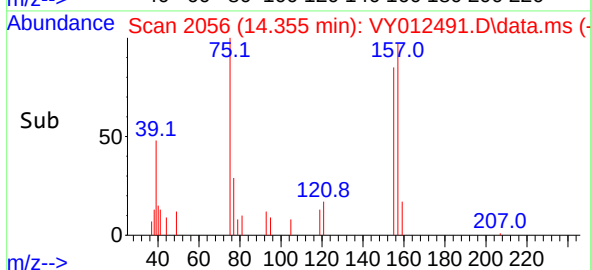
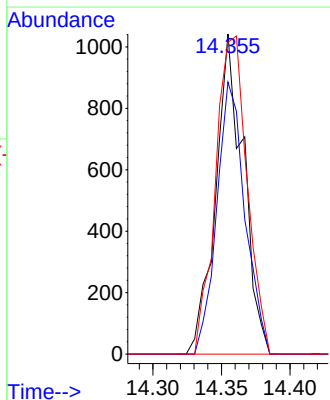
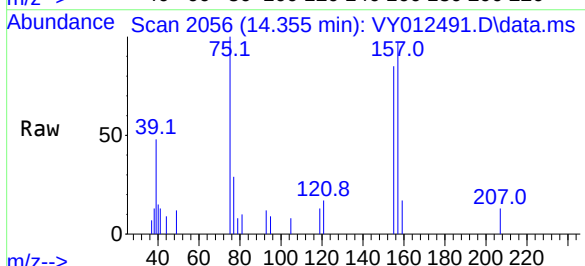
RT: 14.355 min Scan# 2056

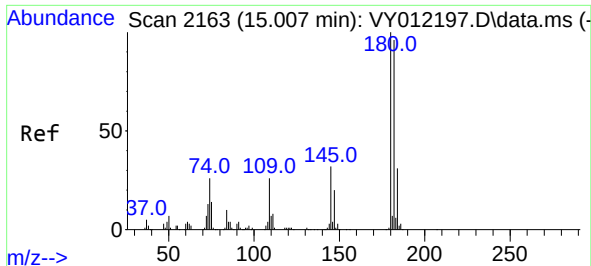
Delta R.T. -0.000 min

Lab File: VY012491.D

Acq: 06 Feb 2023 12:59

Tgt Ion:	75	Resp:	1466
Ion	Ratio	Lower	Upper
75	100		
155	86.4	42.3	126.8
157	113.0	54.4	163.3

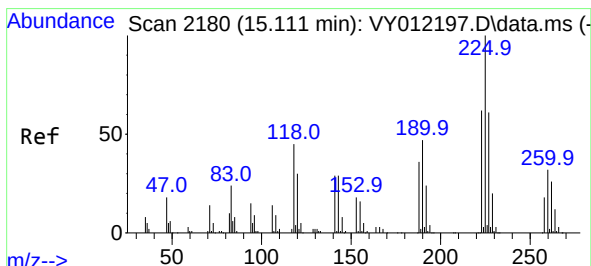
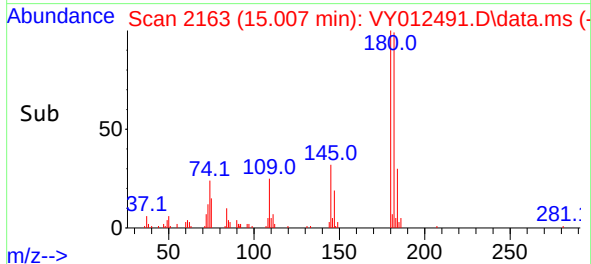
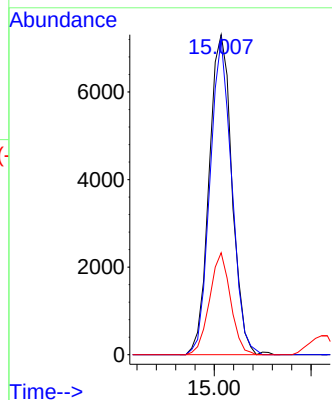
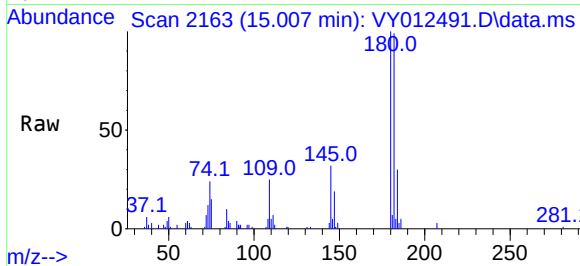




#93
1,2,4-Trichlorobenzene
Concen: 4.996 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

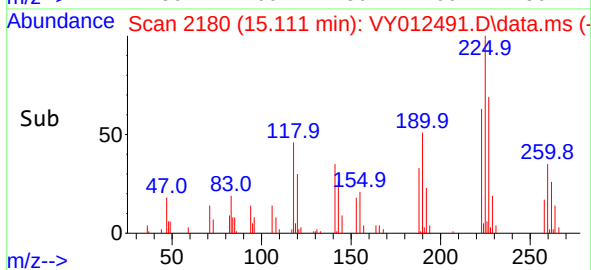
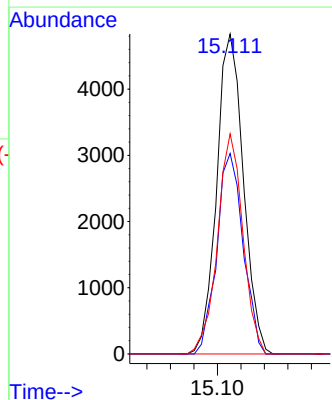
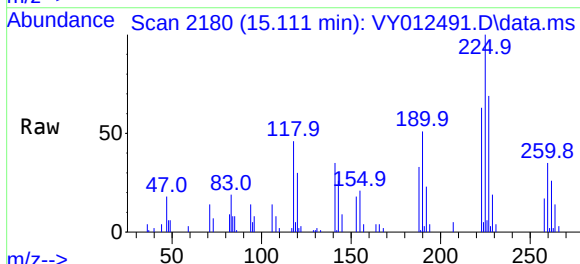
Instrument :
MSVOA_Y
ClientSampleId :

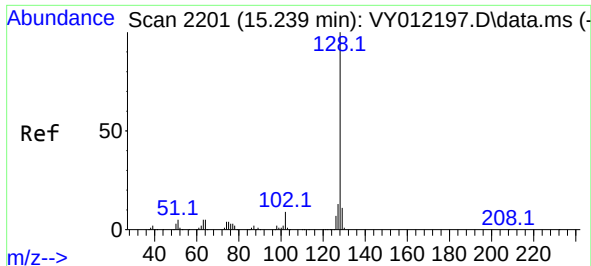
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.1	144.3
145	29.3	15.4	46.4



#94
Hexachlorobutadiene
Concen: 5.208 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.2
227	65.6	32.6	97.8

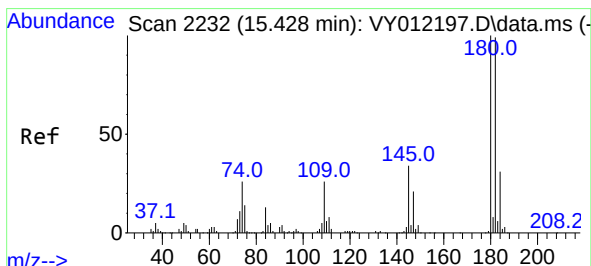
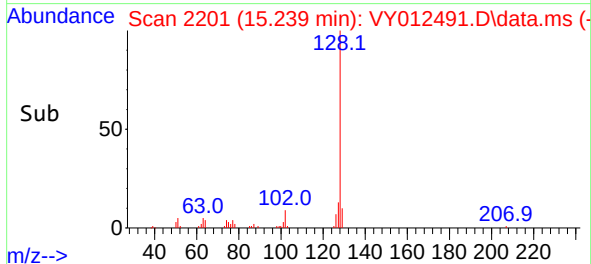
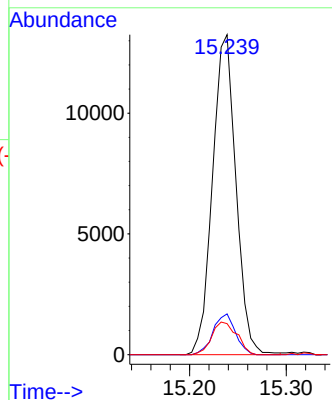
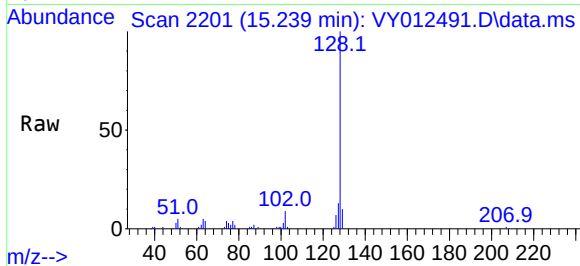




#95
Naphthalene
Concen: 4.617 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	22297
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.2 15.2
129	11.0	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.941 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012491.D
Acq: 06 Feb 2023 12:59

Tgt Ion:180	Resp:	10389
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.9 143.7
145	30.3	16.1 48.2

