

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015138.D
 Acq On : 16 Aug 2023 10:34
 Operator : SY/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 16:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120979	54.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.716	113	107382	54.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.179	98	389064	53.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.483	95	138342	52.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	19478	21.515	ug/l	98
3) Chloromethane	2.113	50	23865	19.056	ug/l	98
4) Vinyl Chloride	2.247	62	30322	20.425	ug/l	98
5) Bromomethane	2.631	94	23971	20.950	ug/l	100
6) Chloroethane	2.784	64	22838	21.189	ug/l	99
7) Trichlorofluoromethane	3.119	101	52667	21.054	ug/l	99
8) Diethyl Ether	3.527	74	19017	19.384	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	31213	20.077	ug/l	98
10) Methyl Iodide	4.088	142	26259	17.201	ug/l	98
11) Tert butyl alcohol	4.966	59	31072	72.788	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	25348	19.526	ug/l	93
13) Acrolein	3.729	56	23311	140.623	ug/l	99
14) Allyl chloride	4.478	41	43957	19.098	ug/l	98
15) Acrylonitrile	5.161	53	65760	98.912	ug/l	99
16) Acetone	3.948	43	73161	100.000	ug/l	95
17) Carbon Disulfide	4.186	76	40154	17.576	ug/l	95
18) Methyl Acetate	4.472	43	51395	19.170	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	109001	19.747	ug/l	100
20) Methylene Chloride	4.710	84	44726	23.180	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	28452	19.430	ug/l	98
22) Diisopropyl ether	6.118	45	109406	19.050	ug/l #	93
23) Vinyl Acetate	6.057	43	325391	94.952	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	62682	20.159	ug/l	97
25) 2-Butanone	6.984	43	103438	99.854	ug/l	98
26) 2,2-Dichloropropane	6.978	77	56909	18.986	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	39724	19.859	ug/l	94
28) Bromochloromethane	7.332	49	29966	20.977	ug/l	92
29) Tetrahydrofuran	7.344	42	59473	96.017	ug/l	93
30) Chloroform	7.502	83	70381	20.192	ug/l	97
31) Cyclohexane	7.783	56	42694	19.801	ug/l #	89
32) 1,1,1-Trichloroethane	7.697	97	58947	19.874	ug/l	99
36) 1,1-Dichloropropene	7.917	75	42354	19.575	ug/l	98
37) Ethyl Acetate	7.076	43	38003	18.843	ug/l	95
38) Carbon Tetrachloride	7.899	117	50387	19.677	ug/l	99
39) Methylcyclohexane	9.185	83	47236	19.474	ug/l	93
40) Benzene	8.161	78	129515	19.799	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19746	18.987	ug/l	98
42) 1,2-Dichloroethane	8.240	62	47730	20.090	ug/l	95
43) Isopropyl Acetate	8.270	43	70727	19.257	ug/l	98
44) Trichloroethene	8.935	130	39167	20.782	ug/l	92
45) 1,2-Dichloropropane	9.215	63	35863	19.442	ug/l	99
46) Dibromomethane	9.307	93	23445	20.152	ug/l	97
47) Bromodichloromethane	9.496	83	55405	19.957	ug/l	92
48) Methyl methacrylate	9.295	41	29978	19.081	ug/l	92
49) 1,4-Dioxane	9.301	88	8358	359.260	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	209580	98.460	ug/l	95
52) Toluene	10.246	92	84986	19.711	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	55532	19.033	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	59984	19.521	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	36009	20.356	ug/l	94
56) Ethyl methacrylate	10.508	69	49566	19.145	ug/l	90
57) 1,3-Dichloropropane	10.788	76	57826	20.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	121550	100.886	ug/l	93
59) 2-Hexanone	10.831	43	153966	97.733	ug/l	92
60) Dibromochloromethane	10.983	129	41141	19.496	ug/l	97
61) 1,2-Dibromoethane	11.087	107	32413	19.288	ug/l	98
64) Tetrachloroethene	10.721	164	40247	21.336	ug/l	95
65) Chlorobenzene	11.514	112	100010	20.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	39269	19.618	ug/l	96
67) Ethyl Benzene	11.593	91	171702	19.865	ug/l	95
68) m/p-Xylenes	11.703	106	132211	40.274	ug/l	96
69) o-Xylene	12.026	106	64578	19.747	ug/l	97
70) Styrene	12.044	104	111121	19.633	ug/l	97
71) Bromoform	12.209	173	27849	19.193	ug/l #	99
73) Isopropylbenzene	12.331	105	176113	19.663	ug/l	100
74) N-amyl acetate	12.142	43	62013	19.177	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45770	19.621	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	58577	34.615	ug/l #	100
77) Bromobenzene	12.605	156	44072	20.187	ug/l	99
78) n-propylbenzene	12.672	91	210430	19.785	ug/l	100
79) 2-Chlorotoluene	12.757	91	120633	19.661	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	148456	19.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13855	17.983	ug/l	98
82) 4-Chlorotoluene	12.855	91	125274	19.763	ug/l	98
83) tert-Butylbenzene	13.074	119	135266	19.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	148210	19.866	ug/l	98
85) sec-Butylbenzene	13.251	105	200126	20.001	ug/l	100
86) p-Isopropyltoluene	13.367	119	165764	19.982	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	87492	20.205	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87539	20.155	ug/l	98
89) n-Butylbenzene	13.696	91	154639	19.770	ug/l	97
90) Hexachloroethane	13.958	117	31942	19.409	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	81776	20.215	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8837	19.556	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	53173	20.474	ug/l	99
94) Hexachlorobutadiene	15.111	225	29251	20.706	ug/l	97
95) Naphthalene	15.233	128	124386	19.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	48279	20.584	ug/l	99

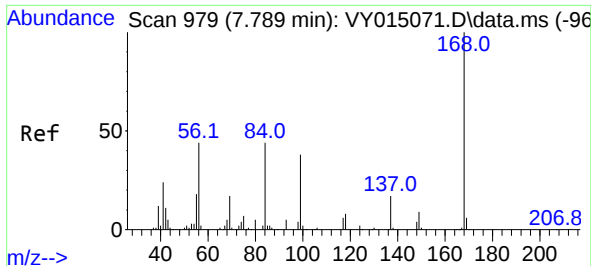
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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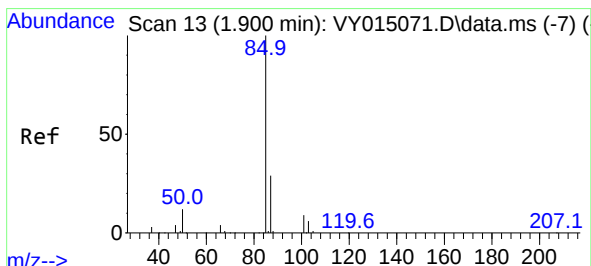
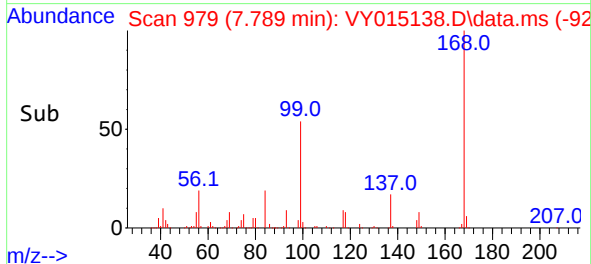
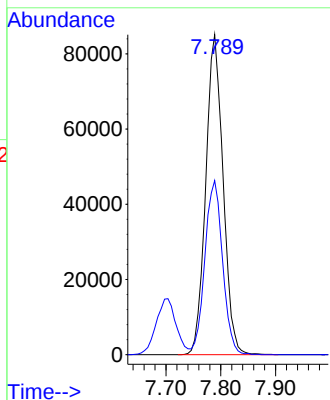
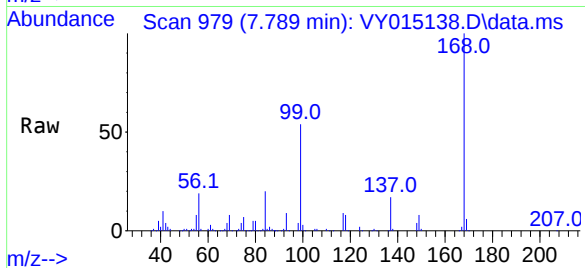
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

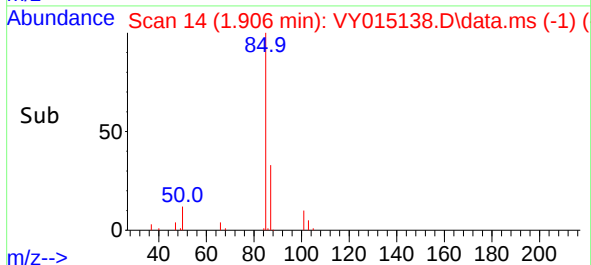
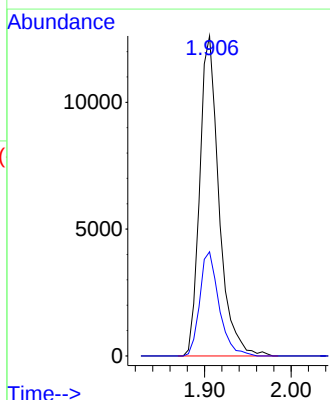
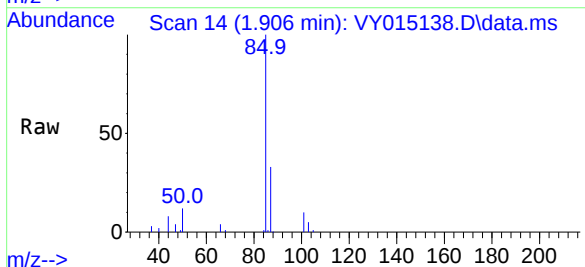
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 186563
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0

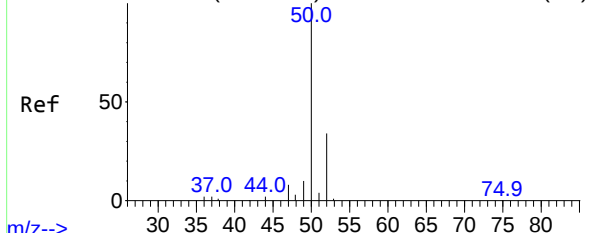


#2
Dichlorodifluoromethane
Concen: 21.515 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 85 Resp: 19478
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8



Abundance Scan 48 (2.113 min): VY015071.D\data.ms (-41)



#3

Chloromethane

Concen: 19.056 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

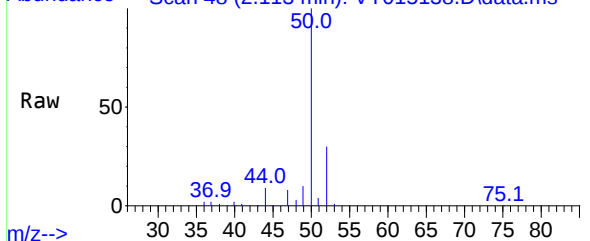
Tgt Ion: 50 Resp: 23865

Ion Ratio Lower Upper

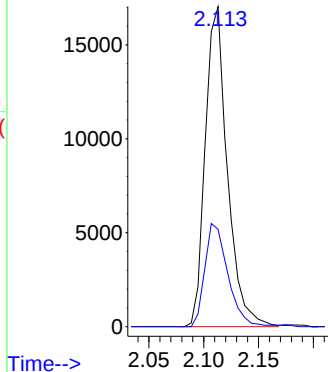
50 100

52 30.4 25.4 38.2

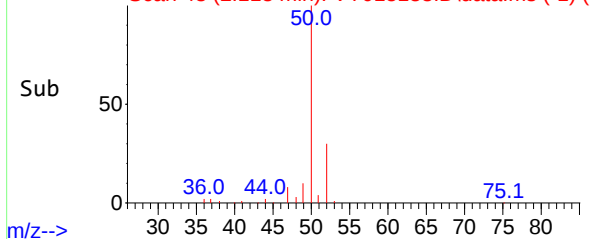
Abundance Scan 48 (2.113 min): VY015138.D\data.ms



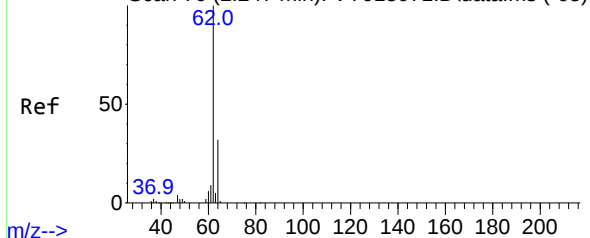
Abundance



Abundance Scan 48 (2.113 min): VY015138.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY015071.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 20.425 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

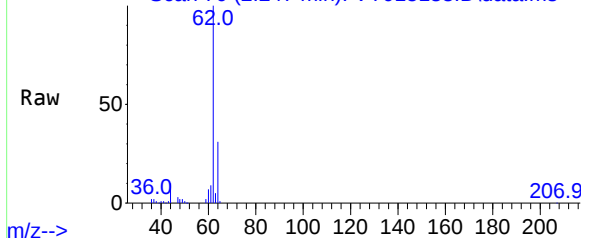
Tgt Ion: 62 Resp: 30322

Ion Ratio Lower Upper

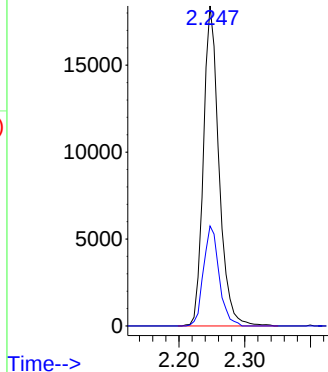
62 100

64 31.2 24.3 36.5

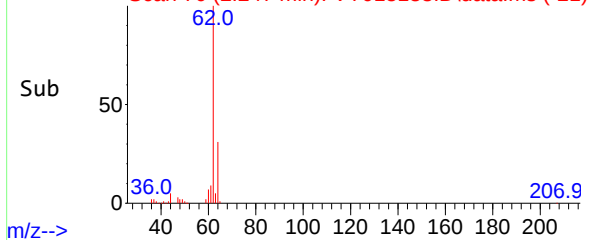
Abundance Scan 70 (2.247 min): VY015138.D\data.ms

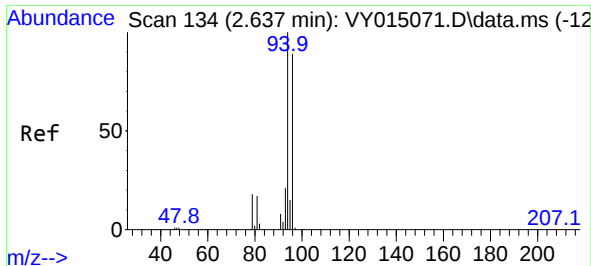


Abundance



Abundance Scan 70 (2.247 min): VY015138.D\data.ms (-21)

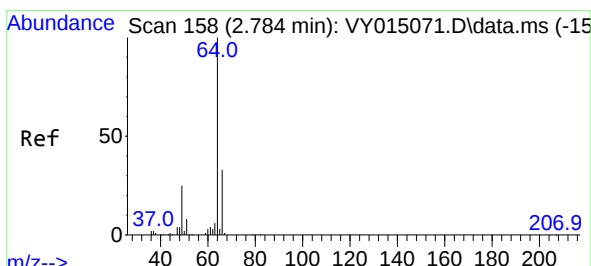
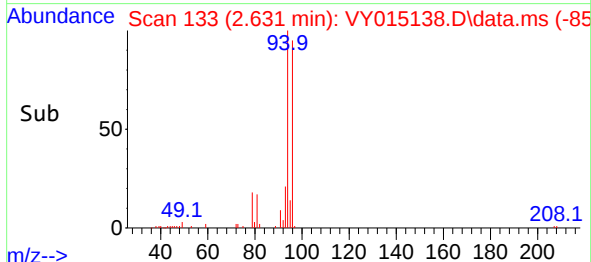
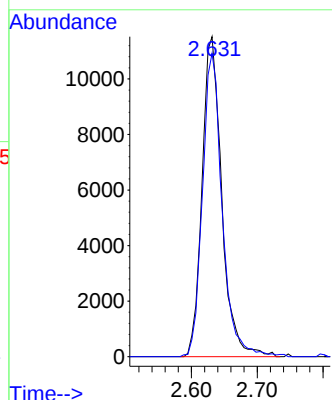
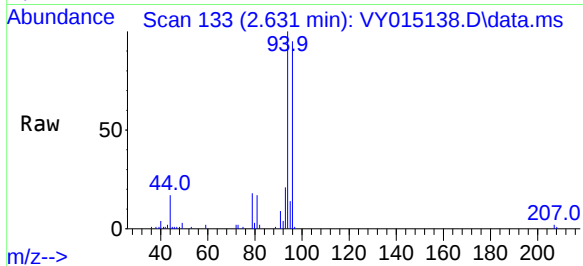




#5
Bromomethane
Concen: 20.950 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

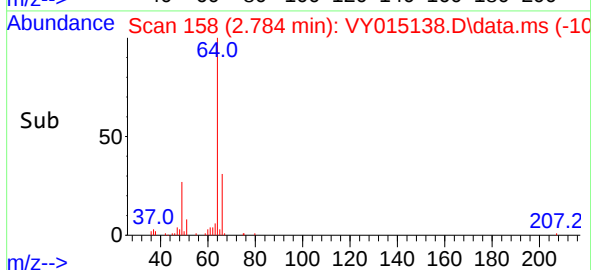
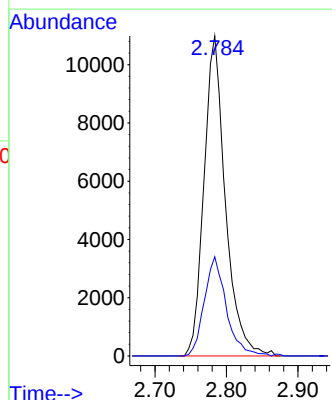
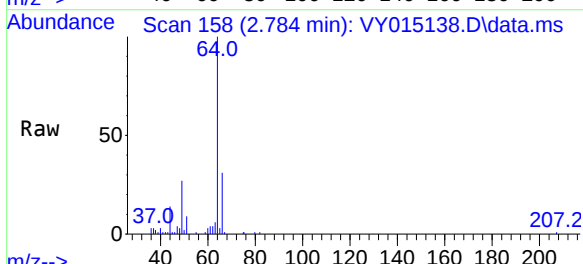
Instrument :
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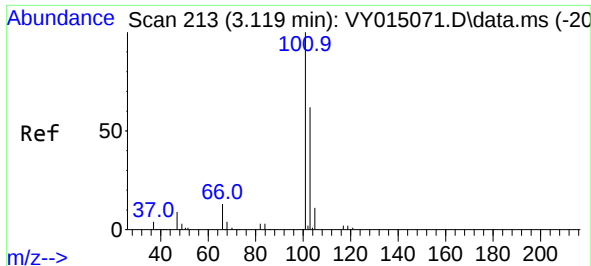
Tgt Ion: 94 Resp: 23971
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 21.189 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 64 Resp: 22838
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6

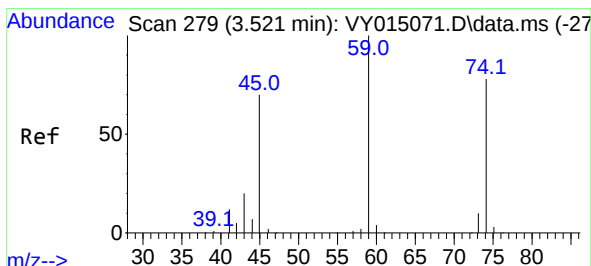
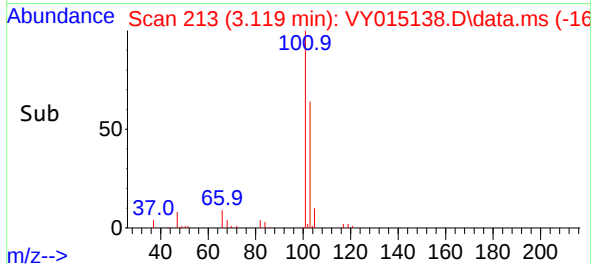
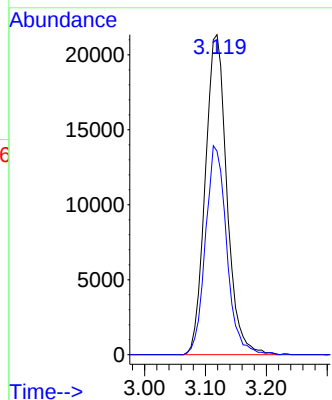
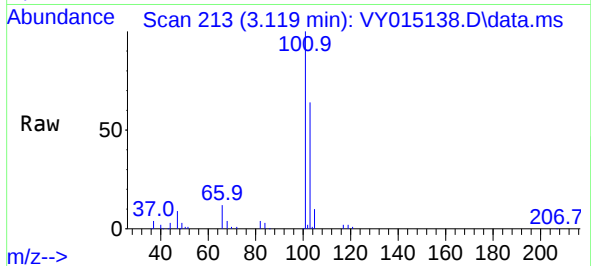




#7
Trichlorofluoromethane
Concen: 21.054 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

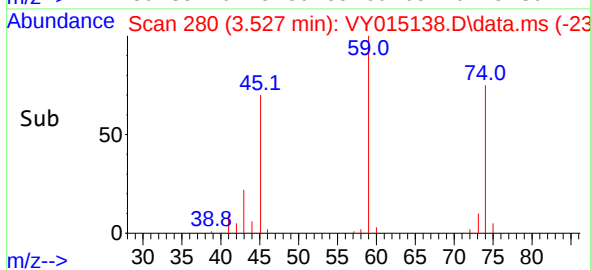
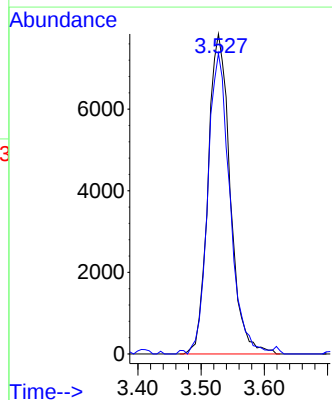
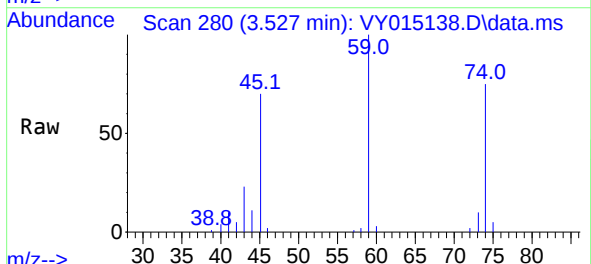
Instrument :
MSVOA_Y
ClientSampleId :

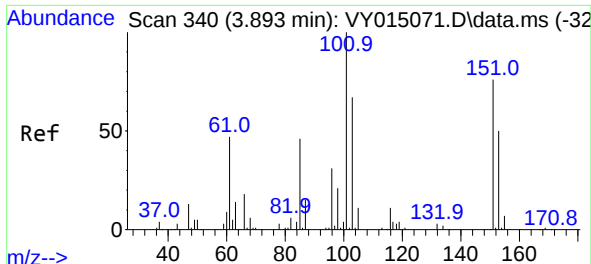
Tgt Ion:101 Resp: 52667
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0



#8
Diethyl Ether
Concen: 19.384 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 74 Resp: 19017
Ion Ratio Lower Upper
74 100
45 94.1 51.5 154.5

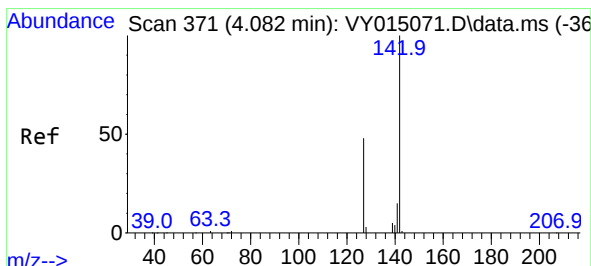
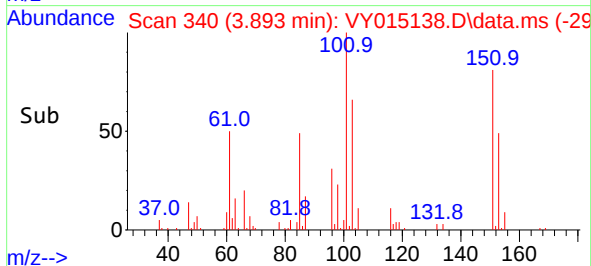
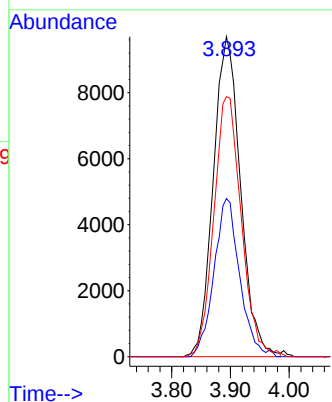
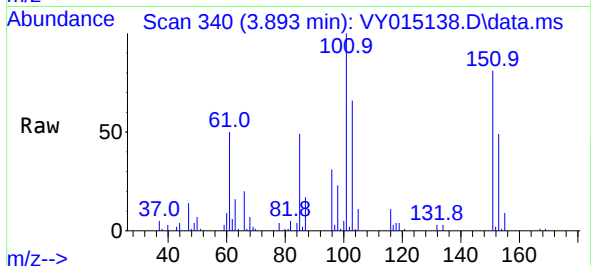




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.077 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

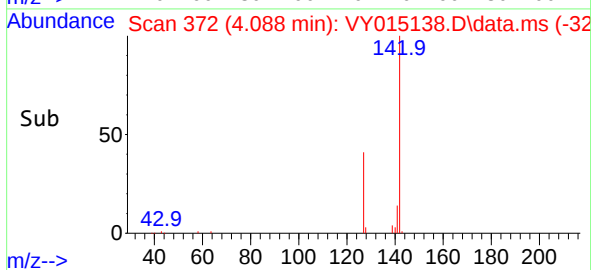
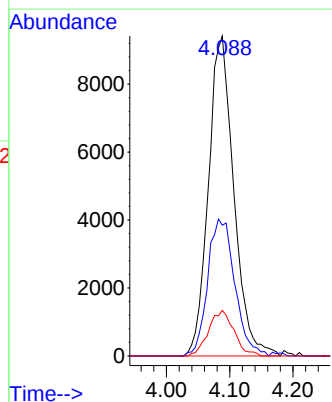
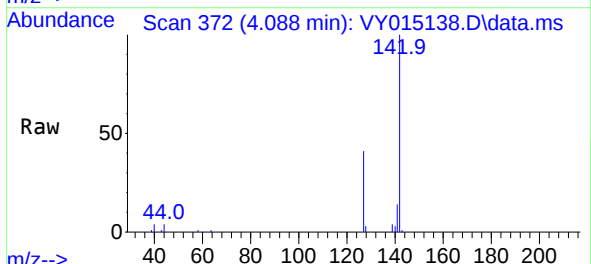
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 31213
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 81.9 67.0 100.6



#10
Methyl Iodide
Concen: 17.201 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

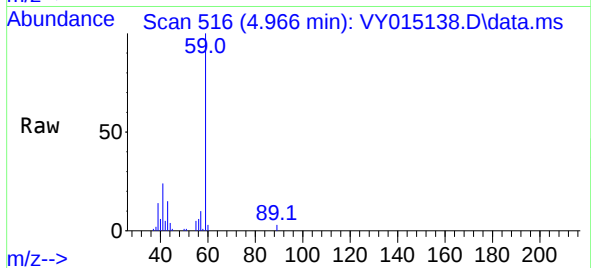
Tgt Ion:142 Resp: 26259
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.2 11.8 17.8



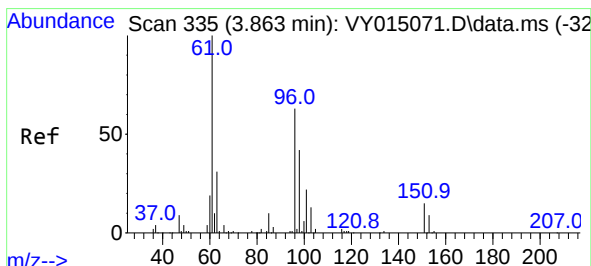
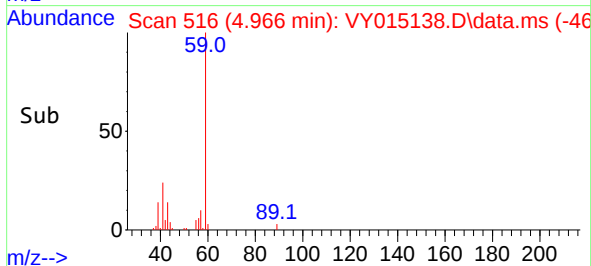
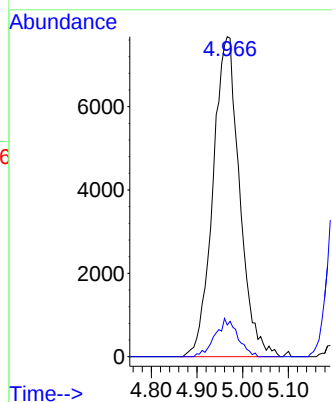


#11
Tert butyl alcohol
Concen: 72.788 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

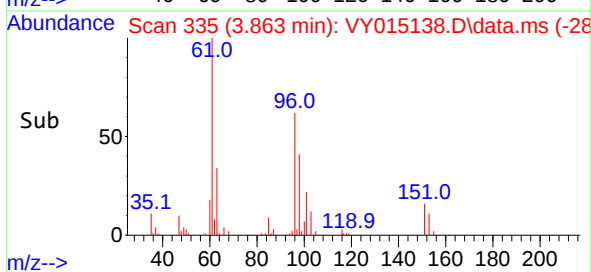
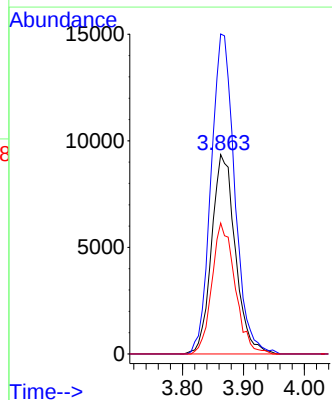
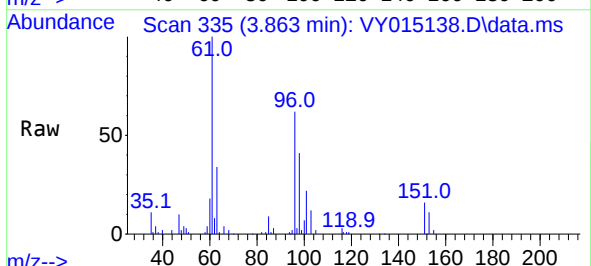


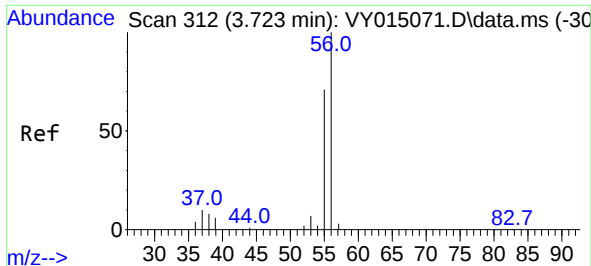
Tgt Ion: 59 Resp: 31072
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.526 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 96 Resp: 25348
Ion Ratio Lower Upper
96 100
61 160.5 136.4 204.6
98 65.7 49.4 74.2

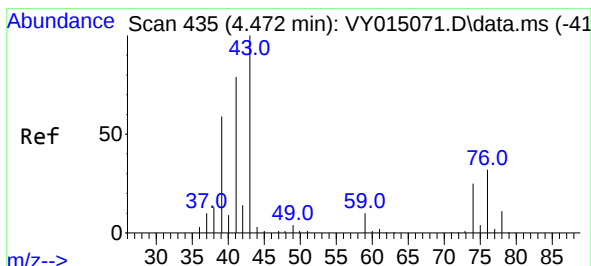
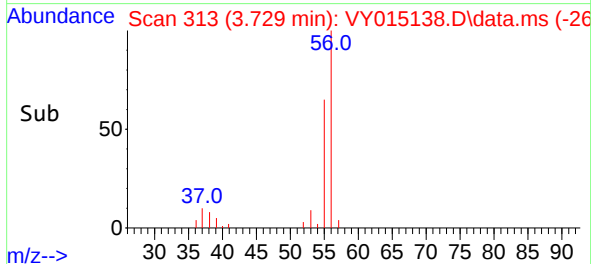
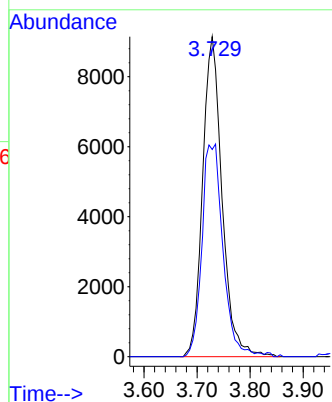
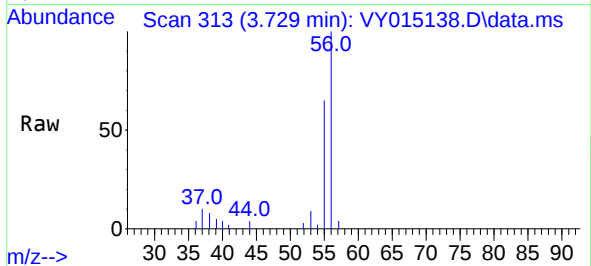




#13
Acrolein
Concen: 140.623 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

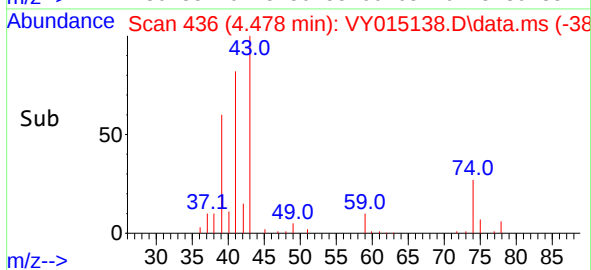
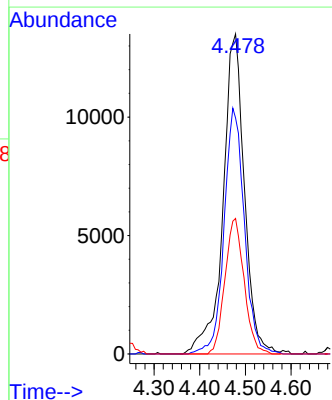
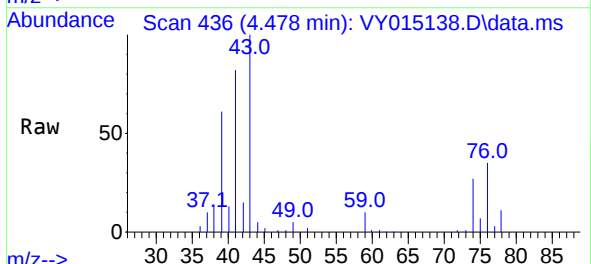
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 23311
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.4



#14
Allyl chloride
Concen: 19.098 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

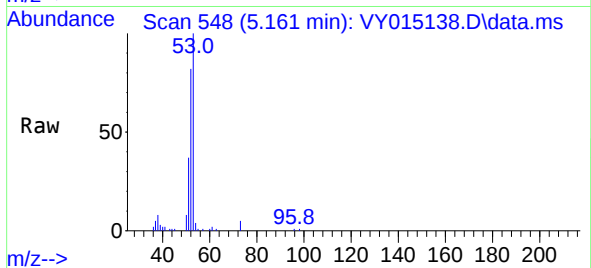
Tgt Ion: 41 Resp: 43957
Ion Ratio Lower Upper
41 100
39 72.7 58.0 87.0
76 37.9 27.4 41.2



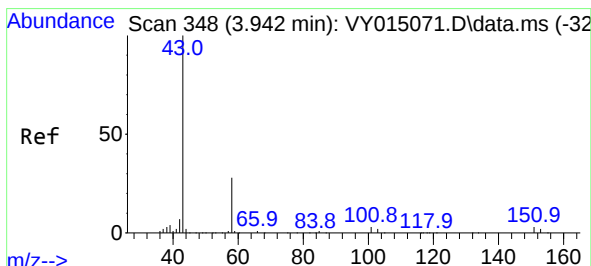
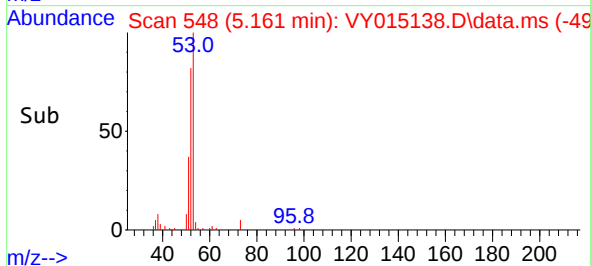
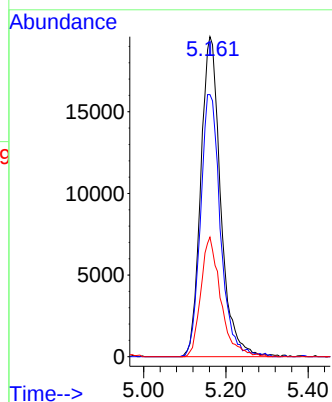


#15
Acrylonitrile
Concen: 98.912 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

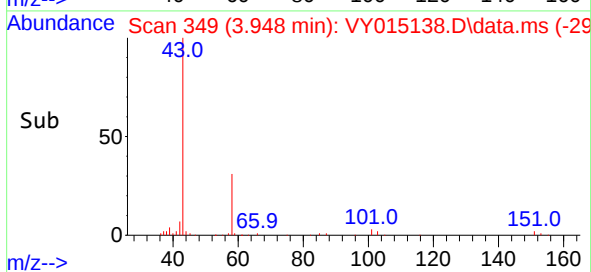
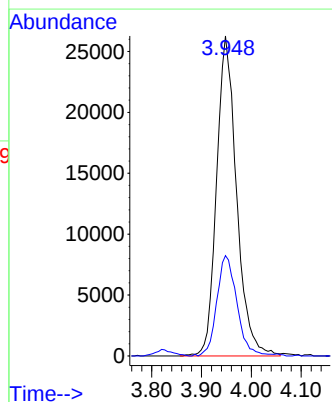
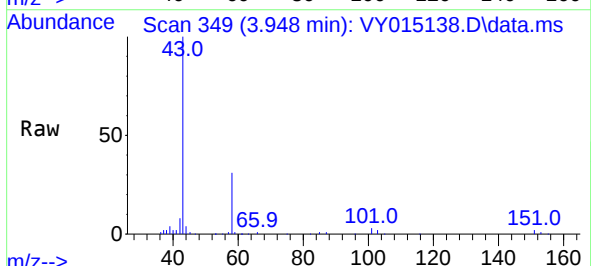


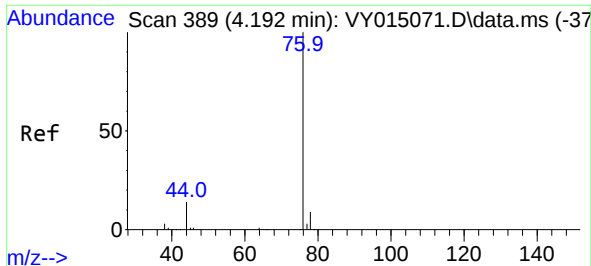
Tgt Ion: 53 Resp: 65760
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 37.5 29.8 44.6



#16
Acetone
Concen: 100.000 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

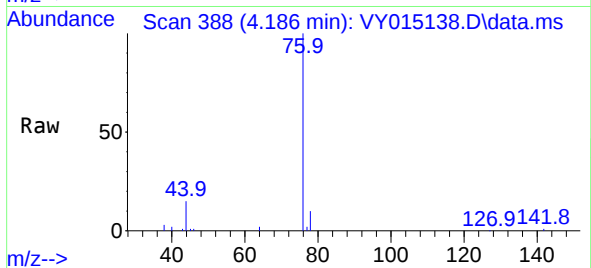
Tgt Ion: 43 Resp: 73161
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1



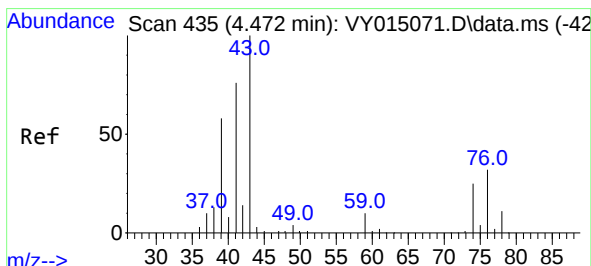
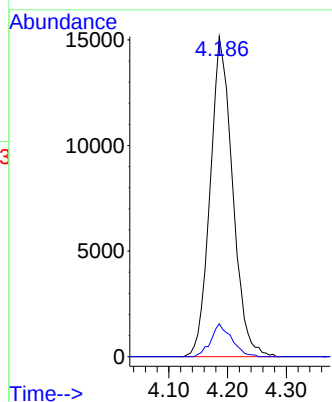
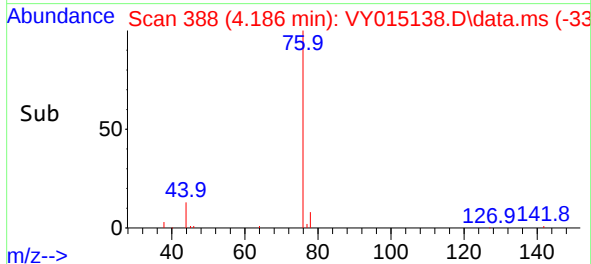


#17
Carbon Disulfide
Concen: 17.576 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

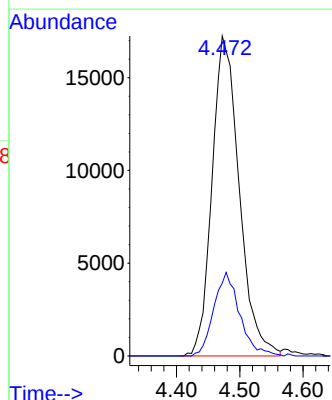
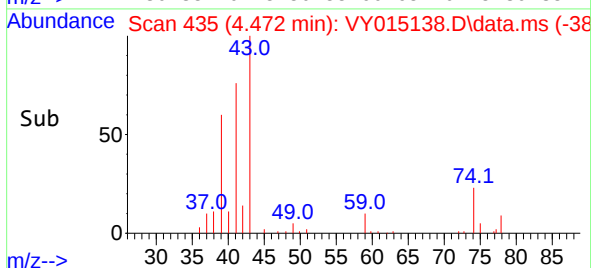
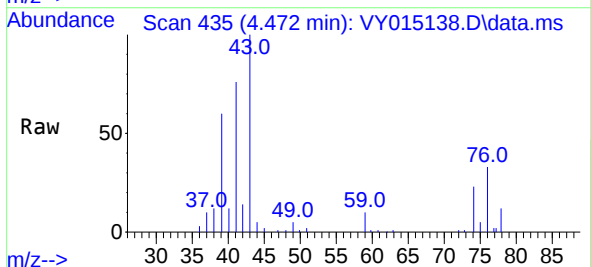


Tgt Ion: 76 Resp: 40154
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4



#18
Methyl Acetate
Concen: 19.170 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 43 Resp: 51395
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.747 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

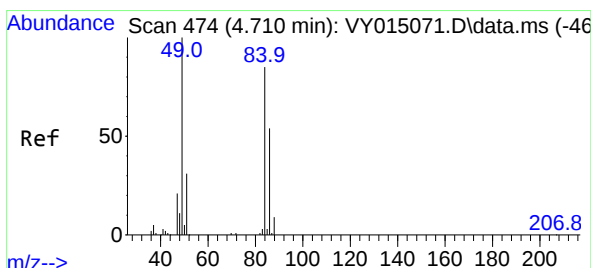
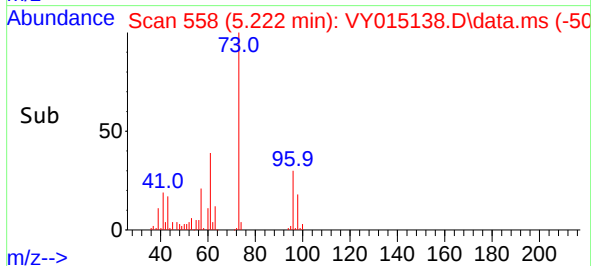
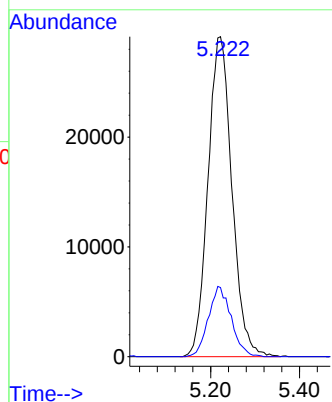
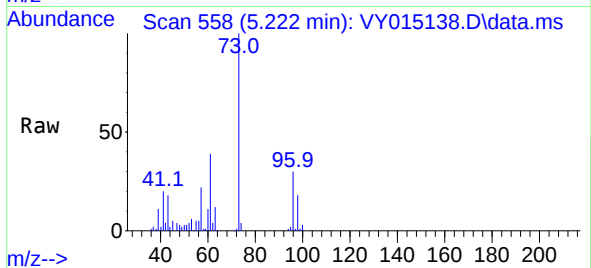
ClientSampleId :

Tgt Ion: 73 Resp: 109001

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 23.180 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Tgt Ion: 84 Resp: 44726

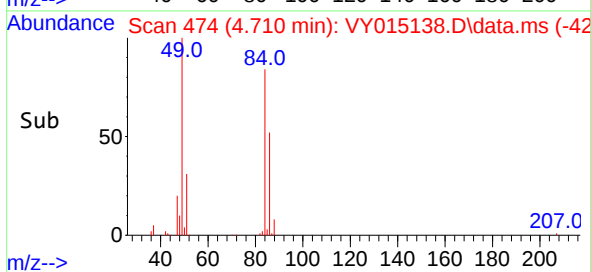
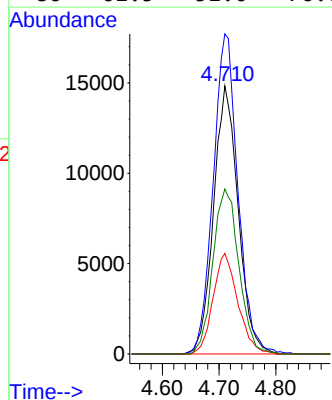
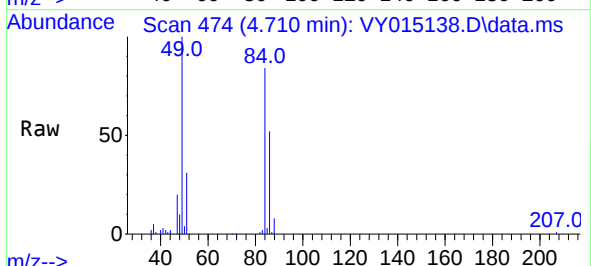
Ion Ratio Lower Upper

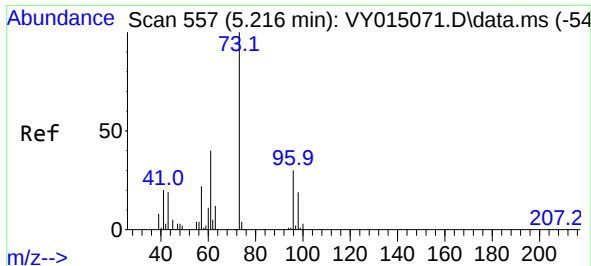
84 100

49 119.4 106.9 160.3

51 37.5 33.2 49.8

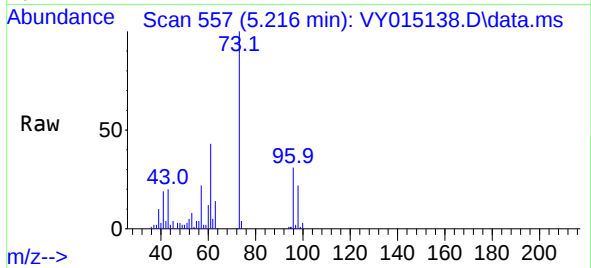
86 61.5 51.0 76.6



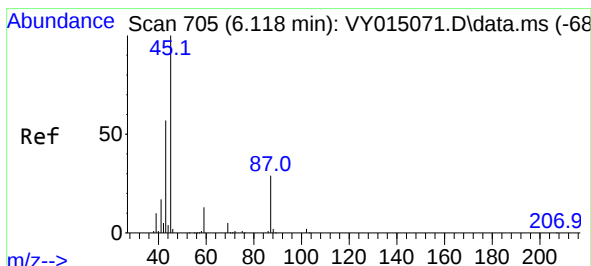
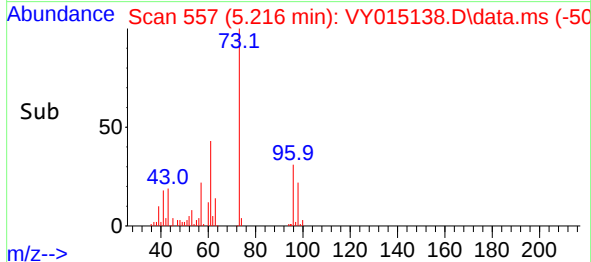
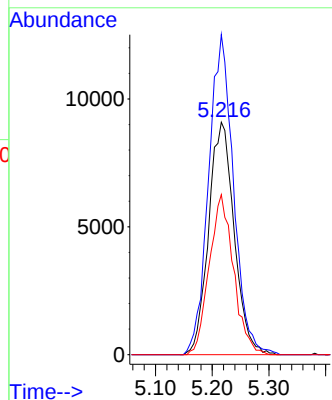


#21
trans-1,2-Dichloroethene
Concen: 19.430 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

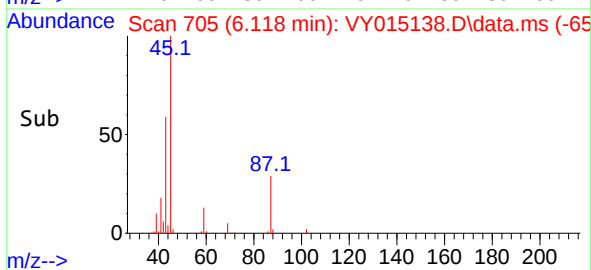
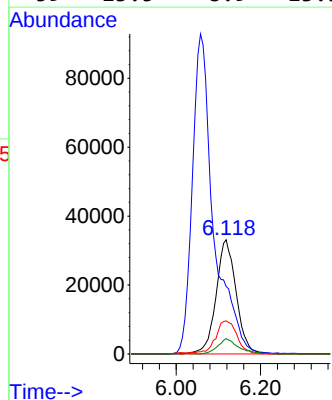
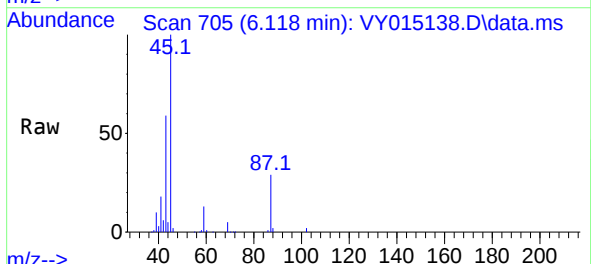


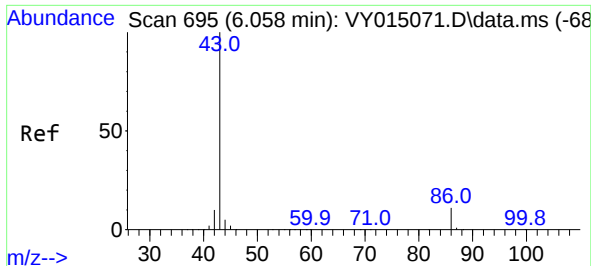
Tgt Ion: 96 Resp: 28452
Ion Ratio Lower Upper
96 100
61 137.6 110.2 165.4
98 68.8 51.8 77.6



#22
Diisopropyl ether
Concen: 19.050 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 45 Resp: 109406
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 29.0 21.0 31.6
59 13.5 8.9 13.3#

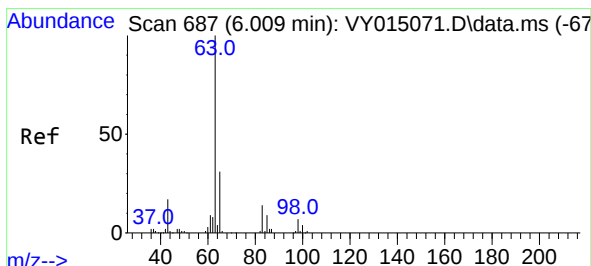
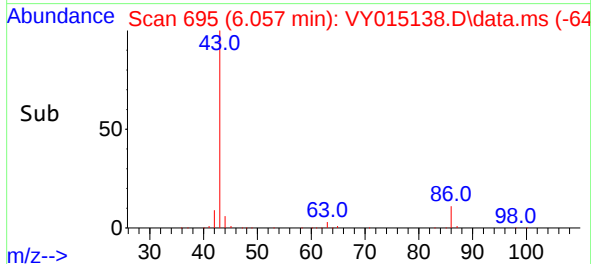
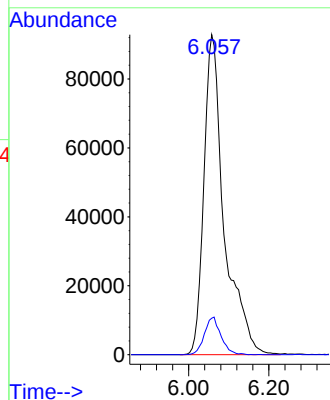
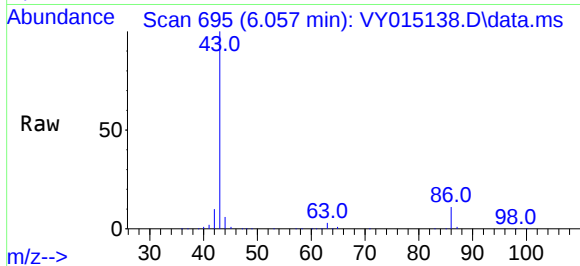




#23
 Vinyl Acetate
 Concen: 94.952 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

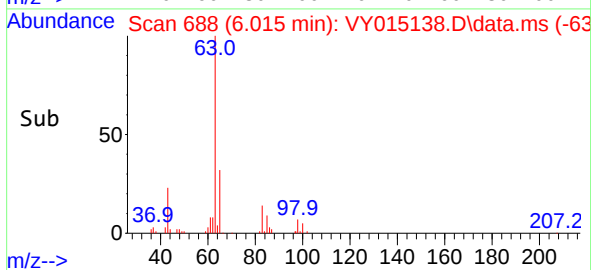
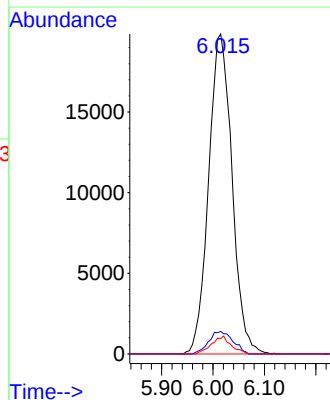
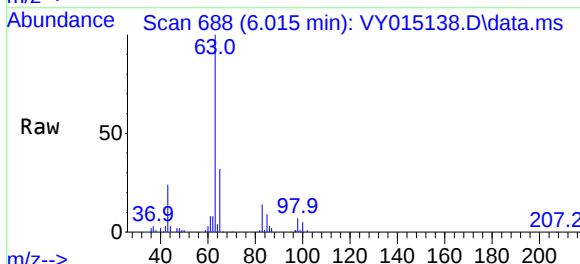
Instrument :
 MSVOA_Y
 ClientSampleId :

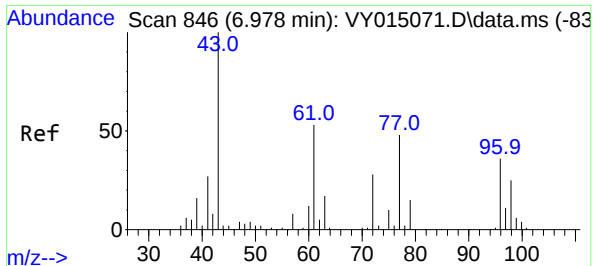
Tgt Ion: 43 Resp: 325391
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.159 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

Tgt Ion: 63 Resp: 62682
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 99.854 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

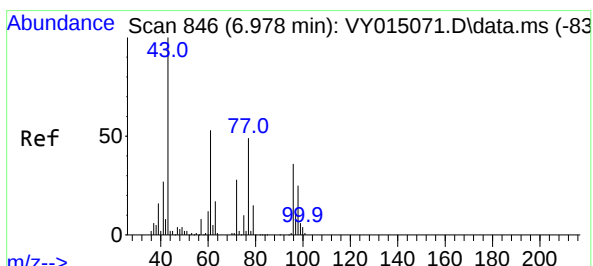
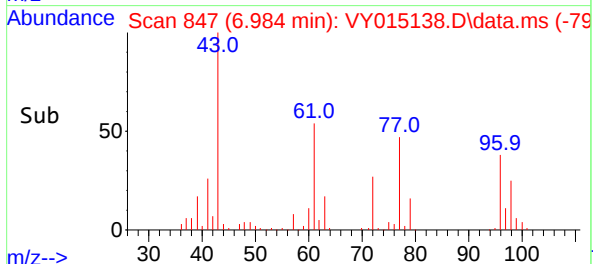
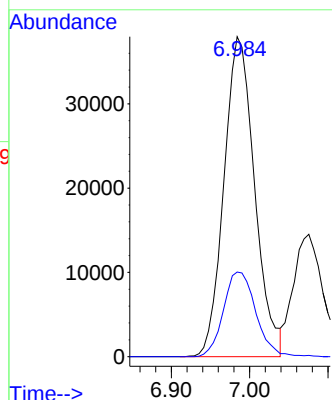
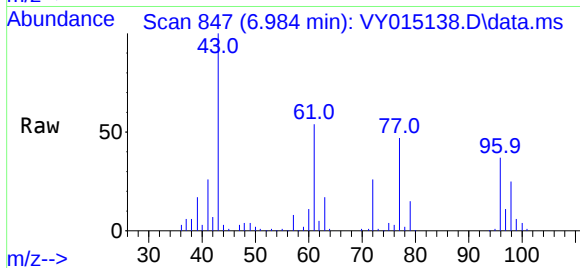
ClientSampleId :

Tgt Ion: 43 Resp: 103438

Ion Ratio Lower Upper

43 100

72 26.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.986 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015138.D

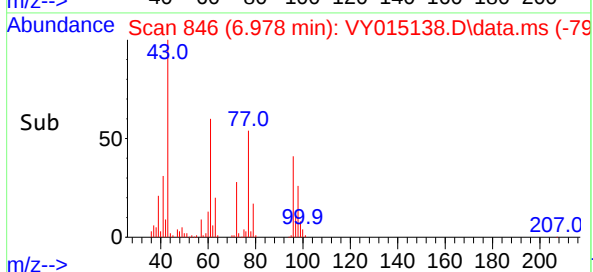
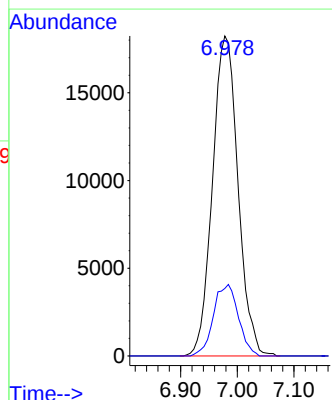
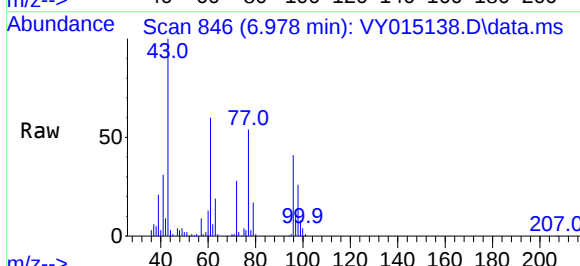
Acq: 16 Aug 2023 10:34

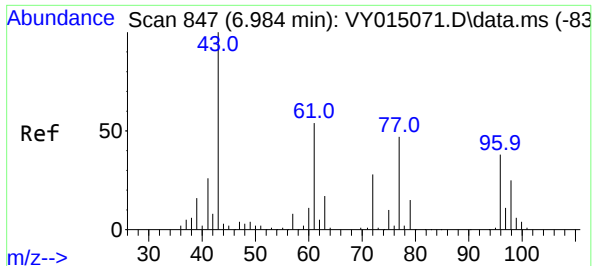
Tgt Ion: 77 Resp: 56909

Ion Ratio Lower Upper

77 100

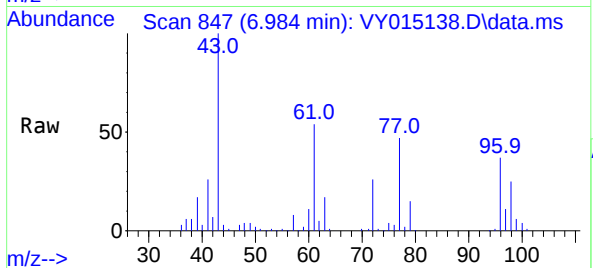
97 21.8 10.9 32.9





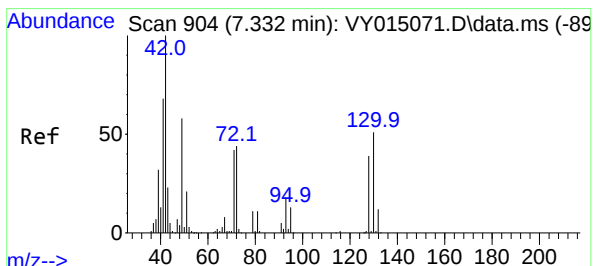
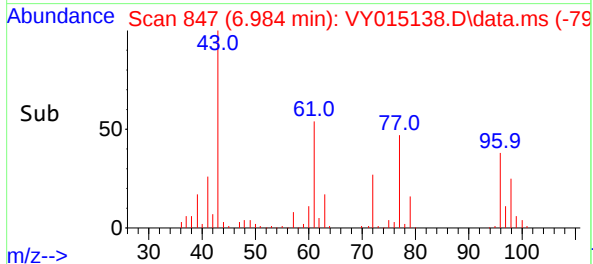
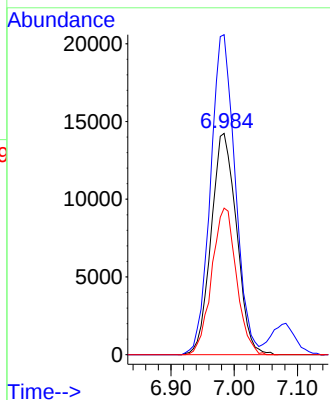
#27
 cis-1,2-Dichloroethene
 Concen: 19.859 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 39724

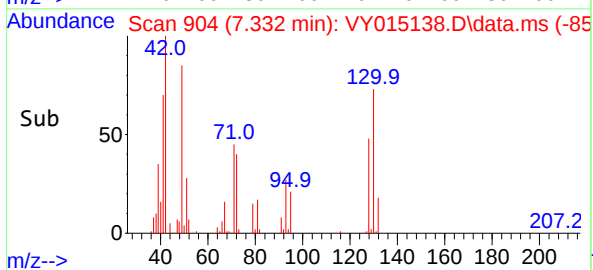
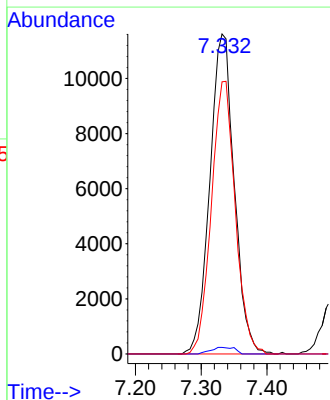
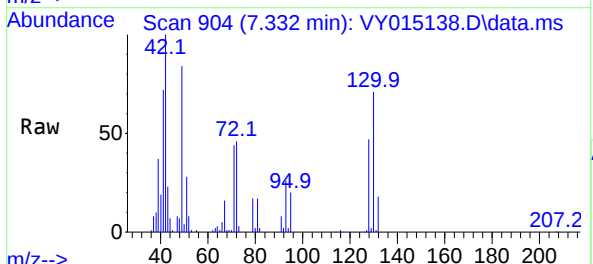
Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	301.4
98	64.3	0.0	130.4

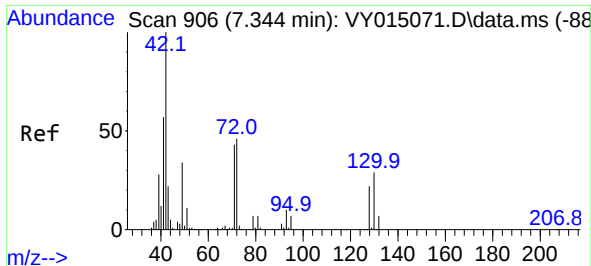


#28
 Bromochloromethane
 Concen: 20.977 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

Tgt Ion: 49 Resp: 29966

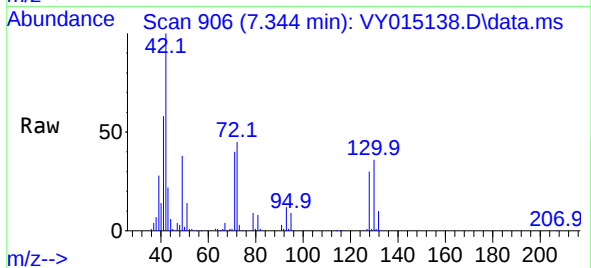
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	83.3	60.7	91.1



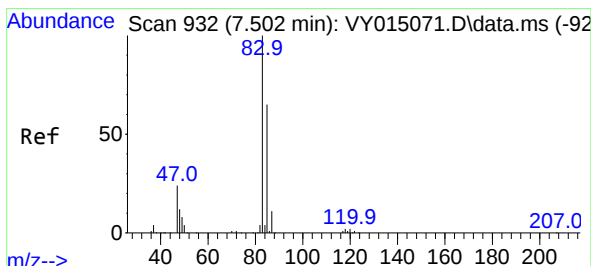
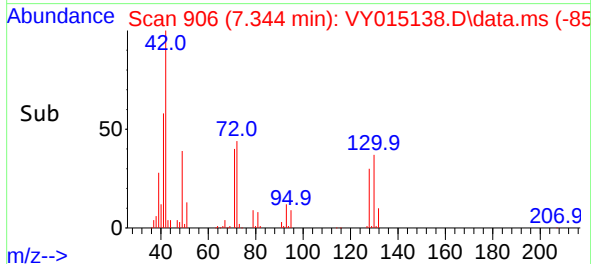
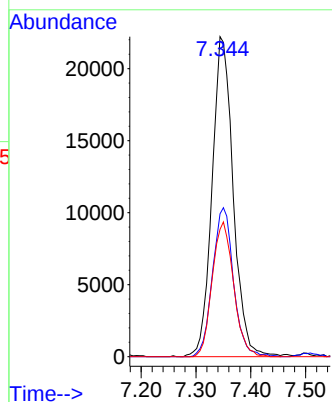


#29
Tetrahydrofuran
Concen: 96.017 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

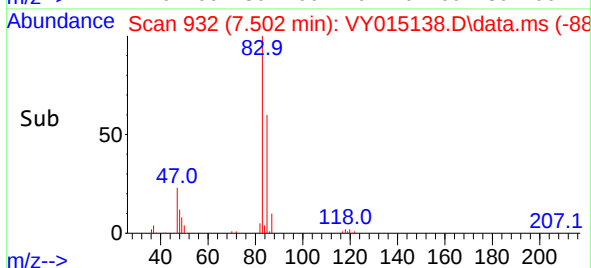
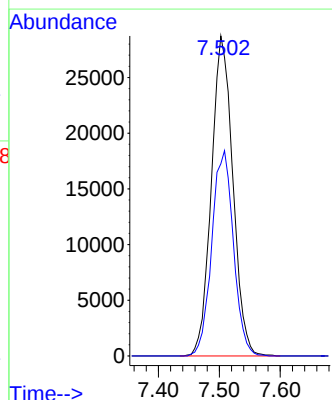
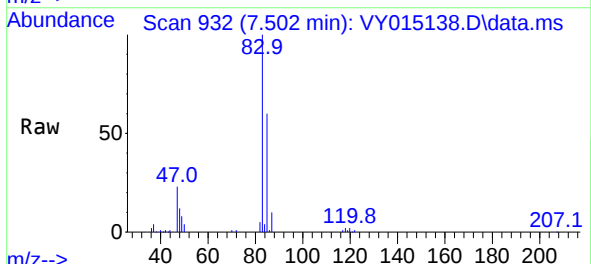


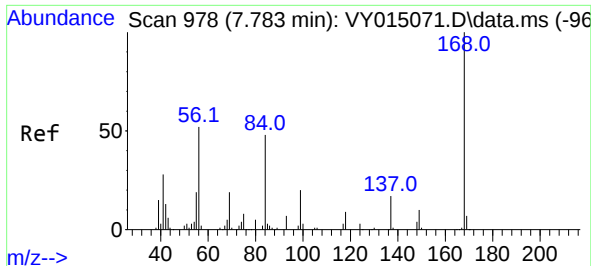
Tgt Ion: 42 Resp: 59473
Ion Ratio Lower Upper
42 100
72 46.3 32.8 49.2
71 42.5 31.0 46.4



#30
Chloroform
Concen: 20.192 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

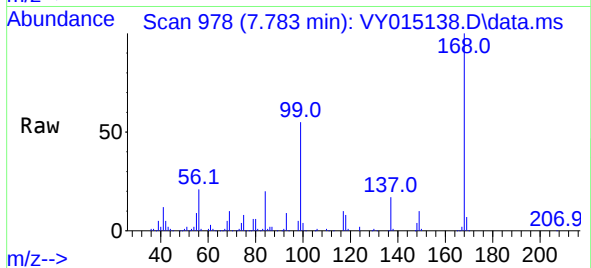
Tgt Ion: 83 Resp: 70381
Ion Ratio Lower Upper
83 100
85 60.0 49.7 74.5



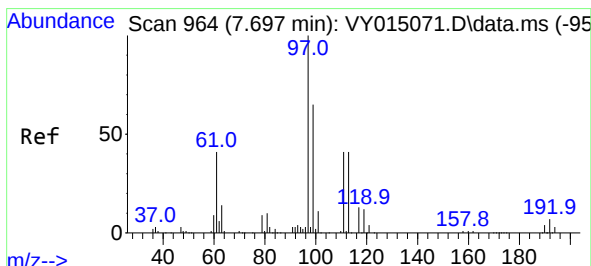
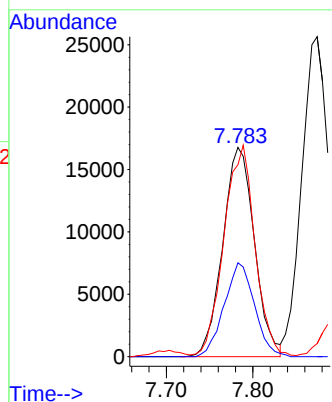
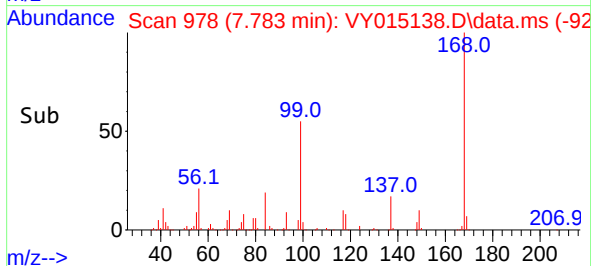


#31
Cyclohexane
Concen: 19.801 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

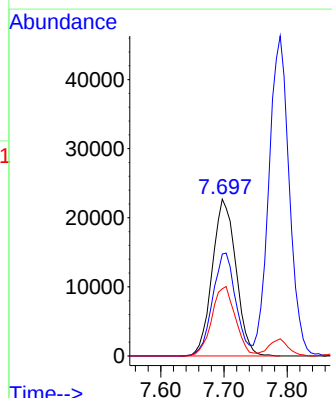
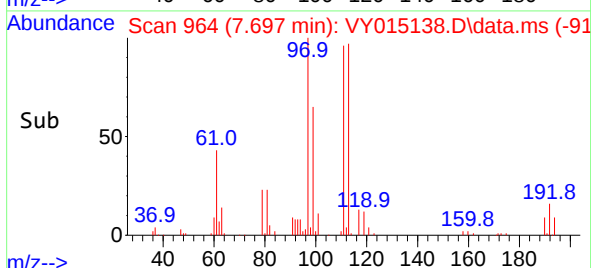
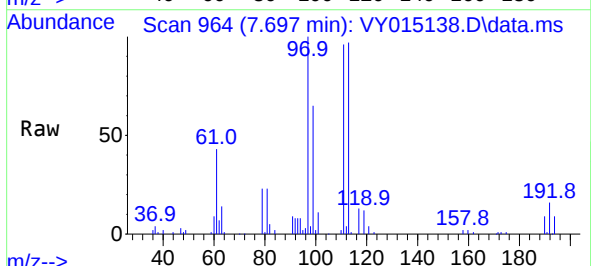


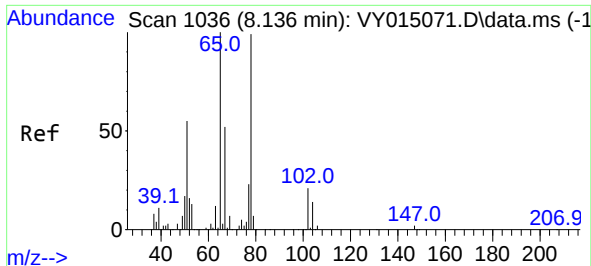
Tgt Ion: 56 Resp: 42694
Ion Ratio Lower Upper
56 100
69 44.9 27.8 41.6#
84 89.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.874 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 97 Resp: 58947
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 44.2 35.1 52.7

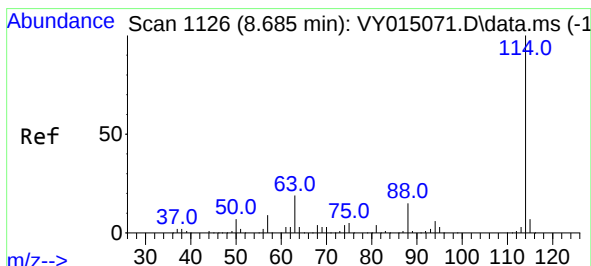
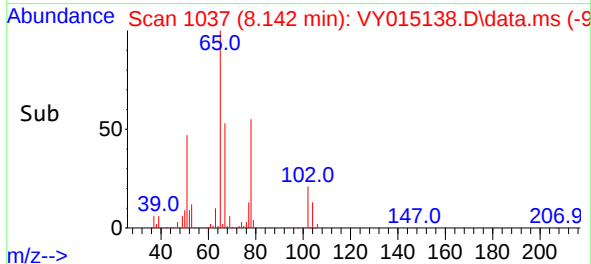
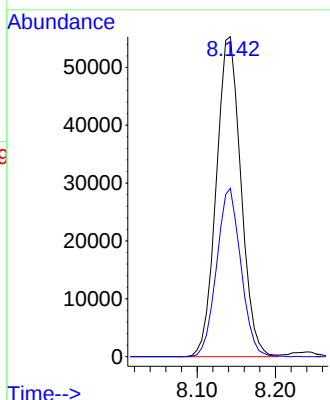
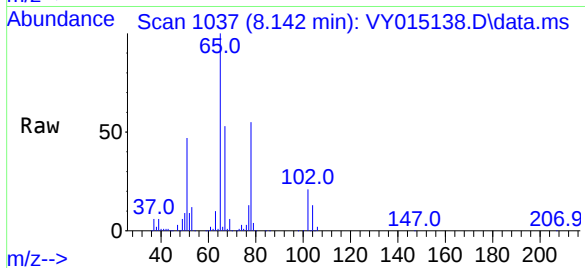




#33
 1,2-Dichloroethane-d4
 Concen: 54.020 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

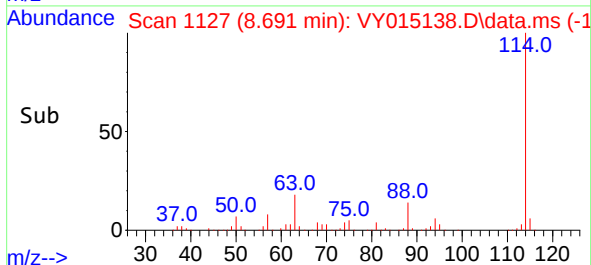
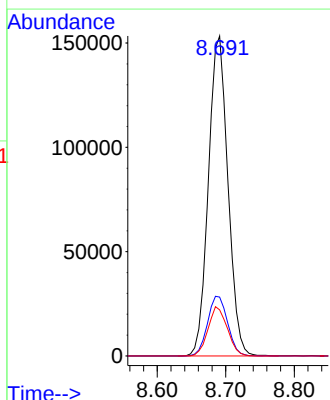
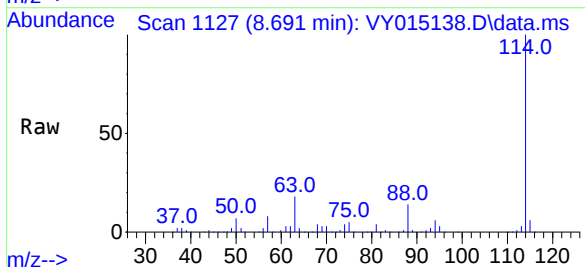
Instrument :
 MSVOA_Y
 ClientSampleId :

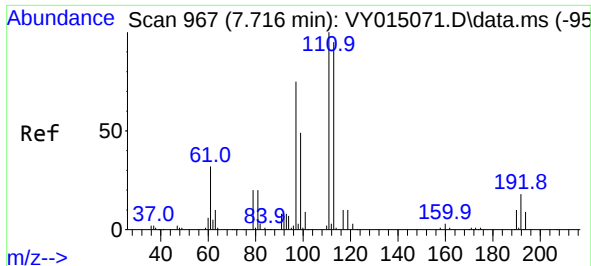
Tgt Ion: 65 Resp: 120979
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

Tgt Ion: 114 Resp: 304004
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.4 0.0 30.6

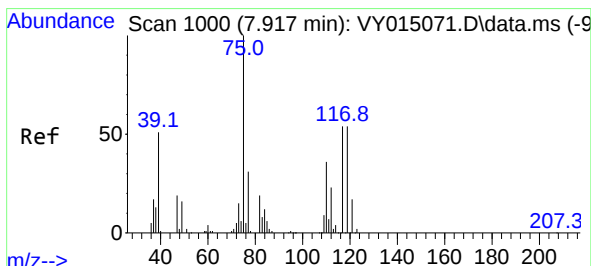
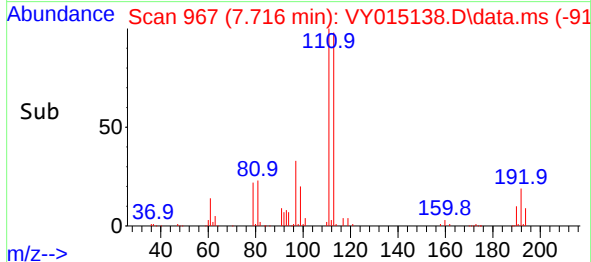
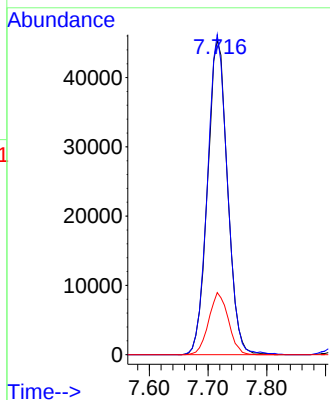
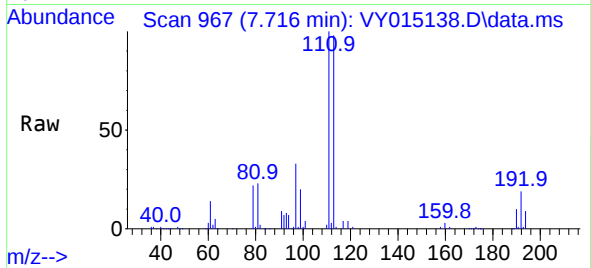




#35
Dibromofluoromethane
Concen: 54.905 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

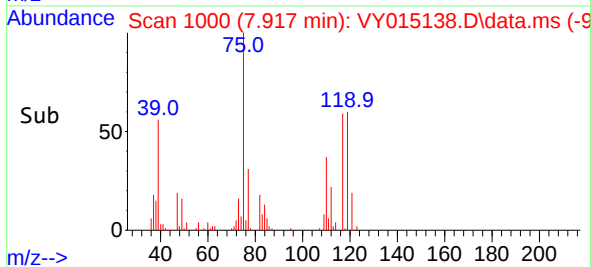
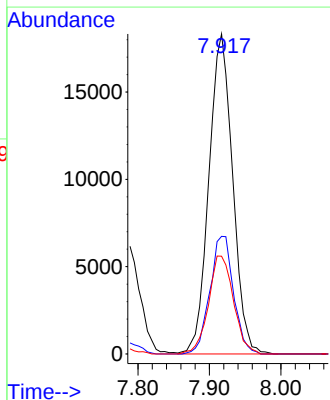
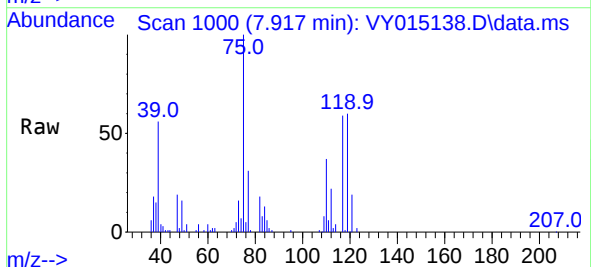
Instrument :
MSVOA_Y
ClientSampleId :

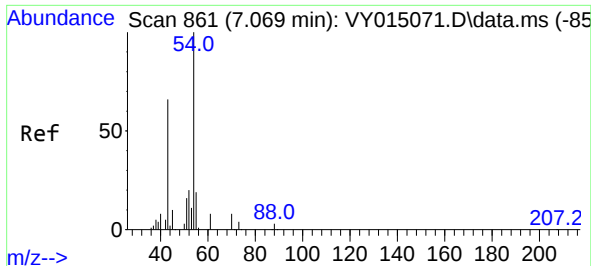
Tgt Ion:113 Resp: 107382
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.575 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 75 Resp: 42354
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 32.1 24.4 36.6

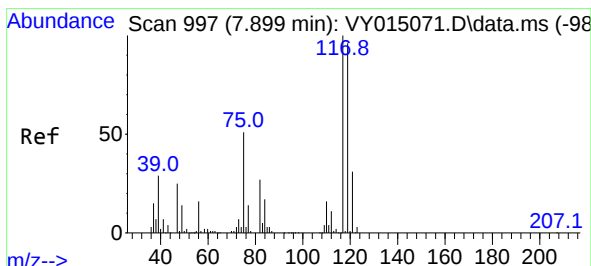
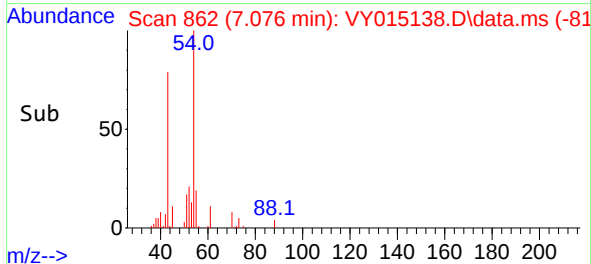
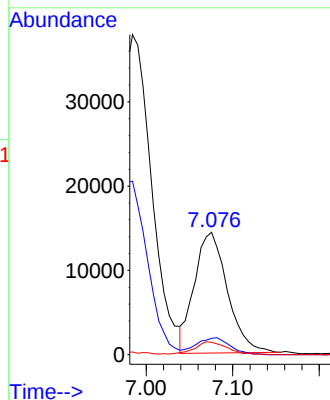
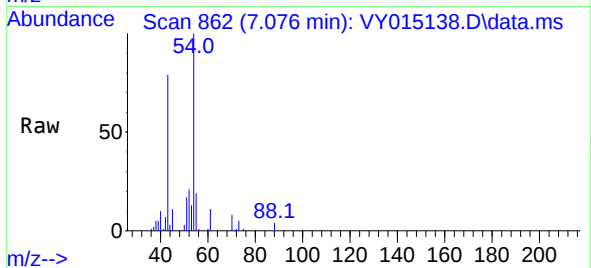




#37
Ethyl Acetate
Concen: 18.843 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

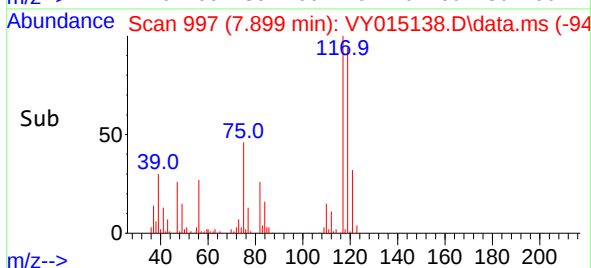
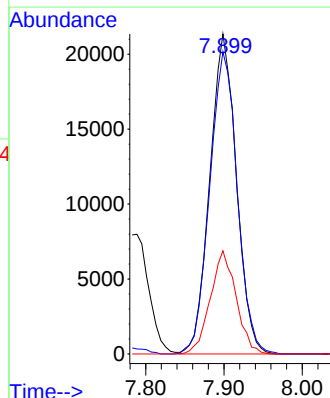
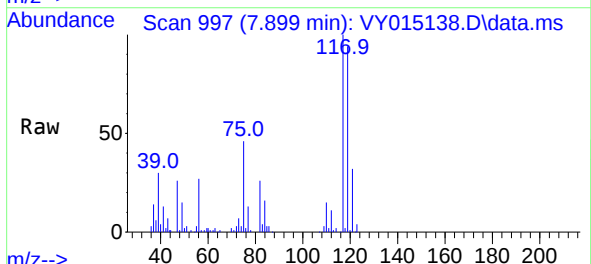
Instrument :
MSVOA_Y
ClientSampleId :

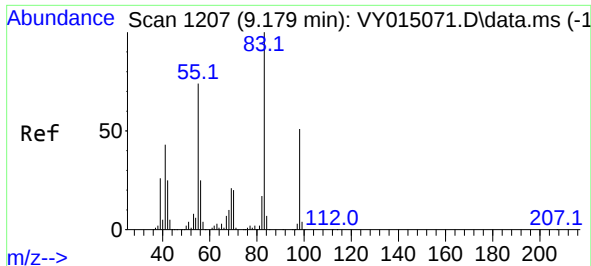
Tgt Ion: 43 Resp: 38003
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.677 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 117 Resp: 50387
Ion Ratio Lower Upper
117 100
119 94.5 76.4 114.6
121 32.3 25.8 38.6





#39

Methylcyclohexane

Concen: 19.474 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015138.D

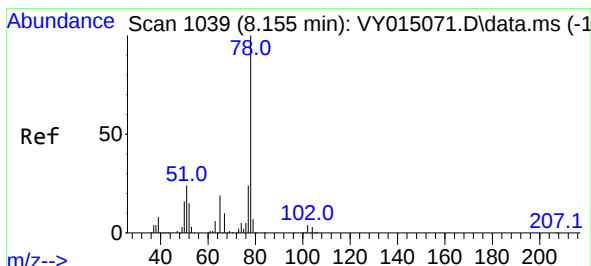
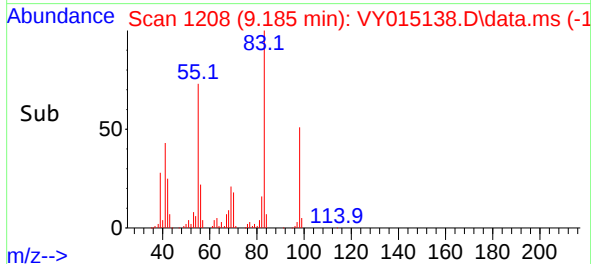
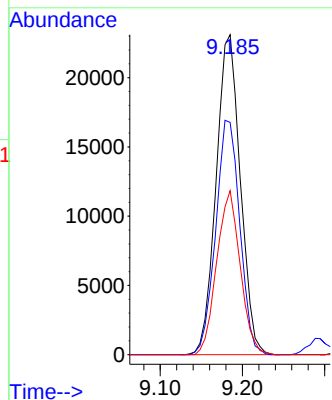
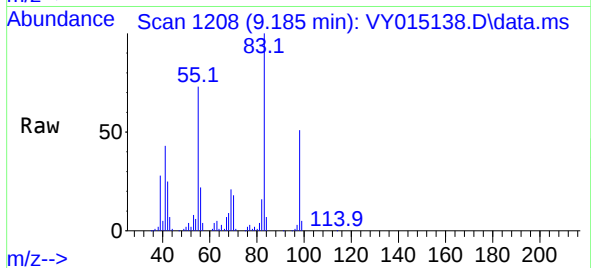
Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	47236
Ion	Ratio	Lower	Upper
83	100		
55	72.6	63.0	94.4
98	51.3	37.4	56.2



#40

Benzene

Concen: 19.799 ug/l

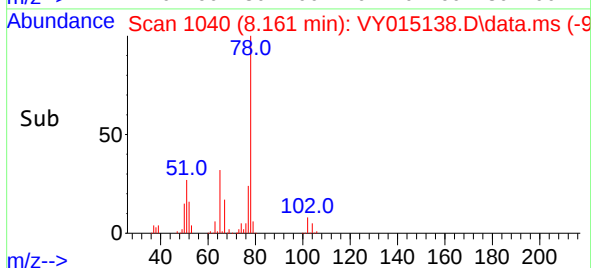
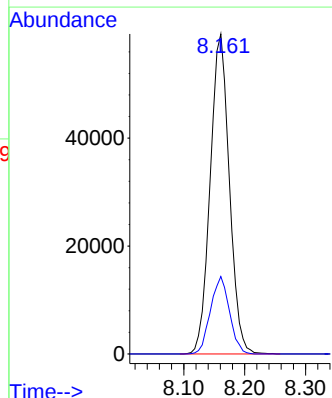
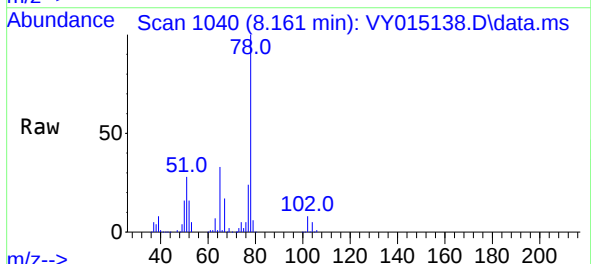
RT: 8.161 min Scan# 1040

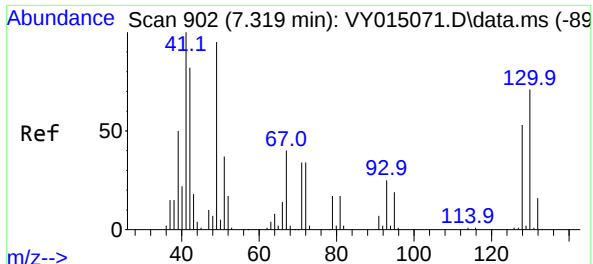
Delta R.T. 0.006 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

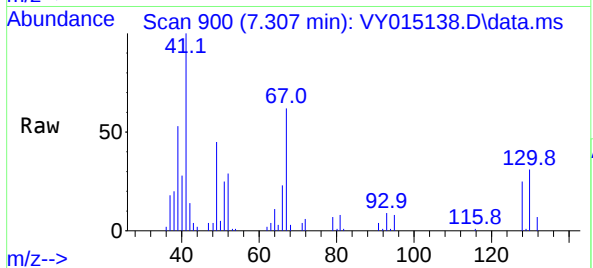
Tgt Ion:	78	Resp:	129515
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





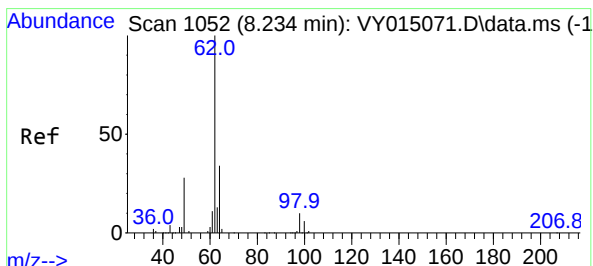
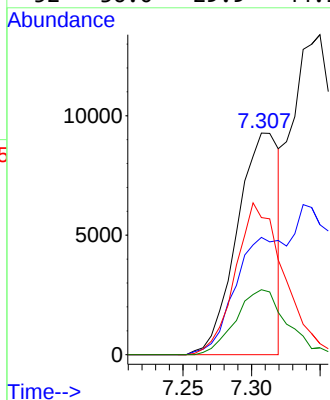
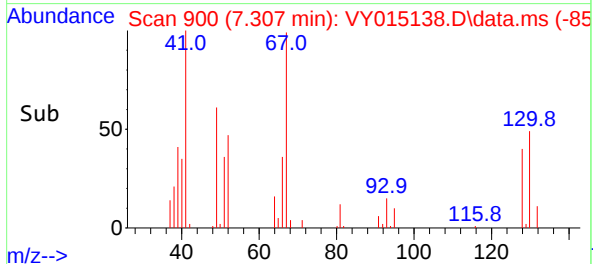
#41
Methacrylonitrile
Concen: 18.987 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

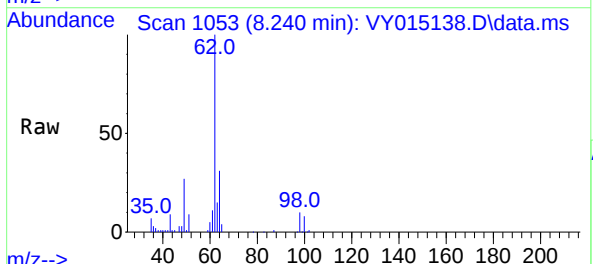


Tgt Ion: 41 Resp: 19746

Ion	Ratio	Lower	Upper
41	100		
39	64.1	52.1	78.1
67	80.3	66.2	99.2
52	36.0	29.9	44.9

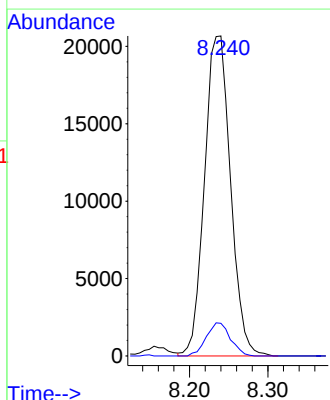
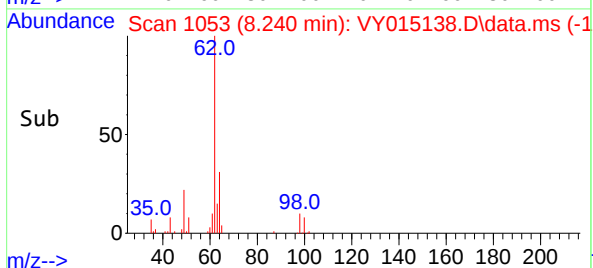


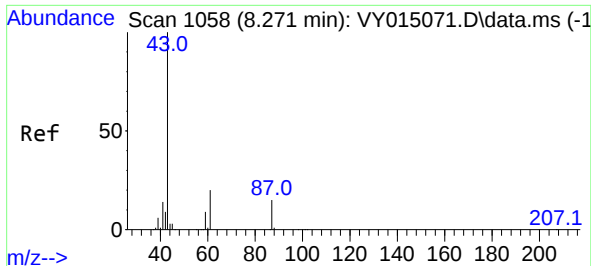
#42
1,2-Dichloroethane
Concen: 20.090 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34



Tgt Ion: 62 Resp: 47730

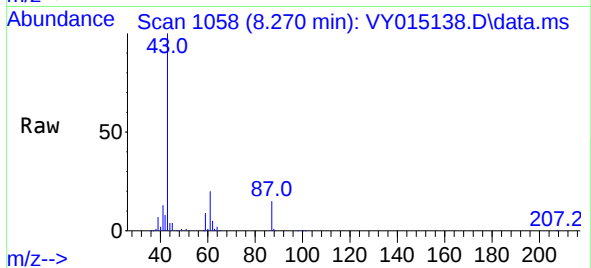
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8



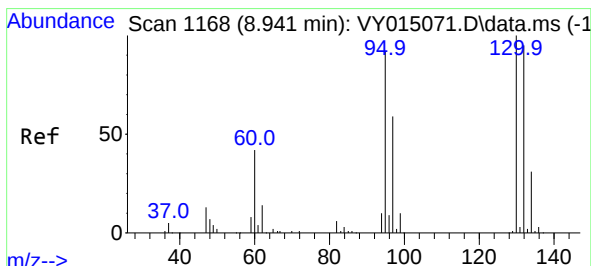
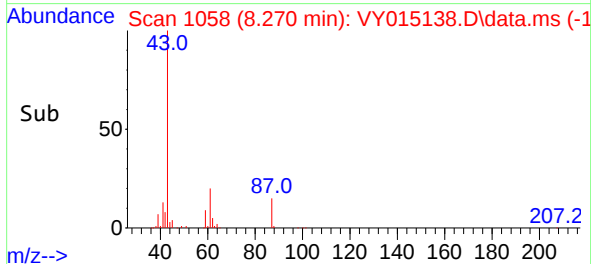
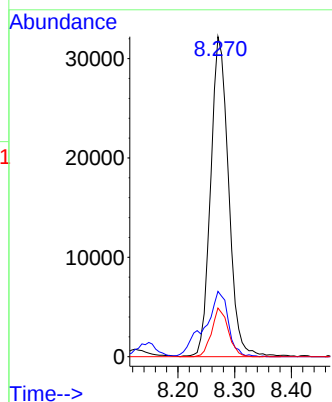


#43
Isopropyl Acetate
Concen: 19.257 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

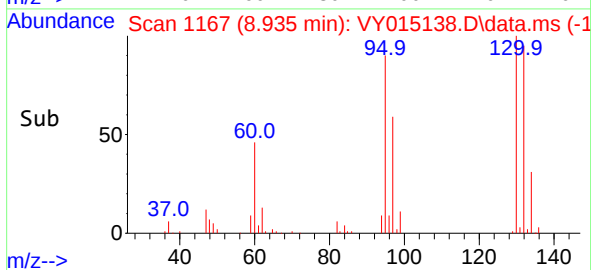
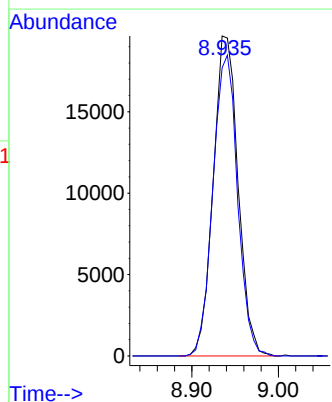
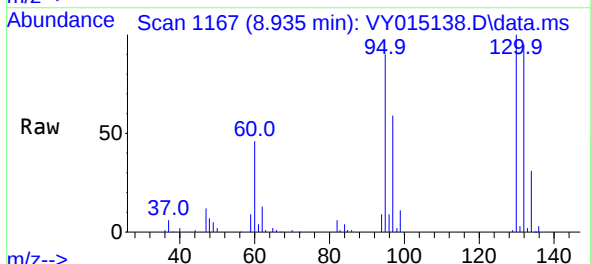


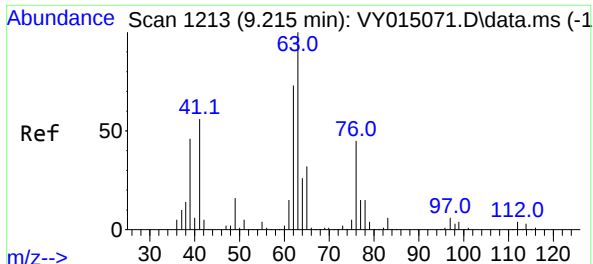
Tgt Ion: 43 Resp: 70727
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 20.782 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion:130 Resp: 39167
Ion Ratio Lower Upper
130 100
95 90.0 0.0 196.0

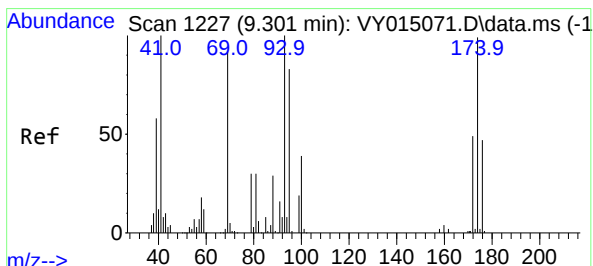
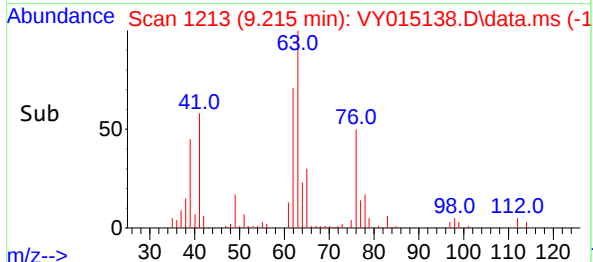
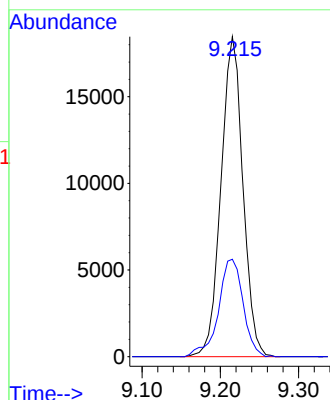
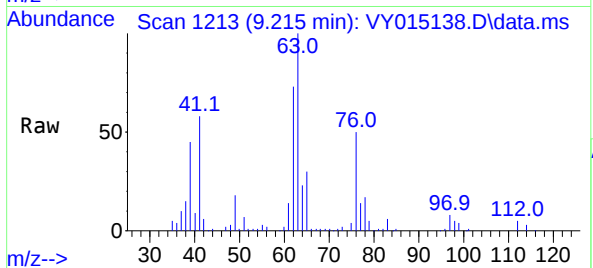




#45
1,2-Dichloropropane
Concen: 19.442 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

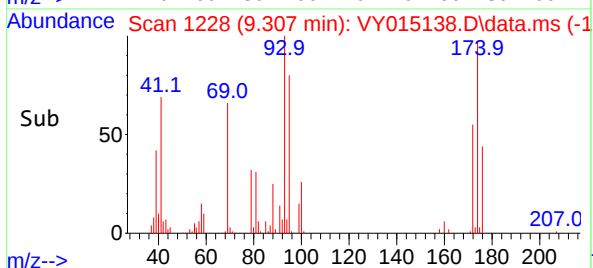
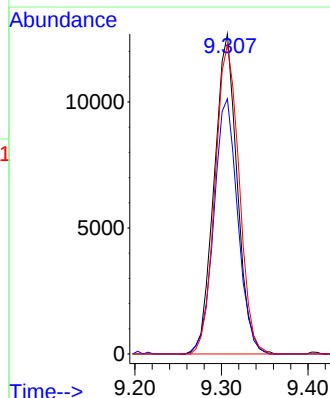
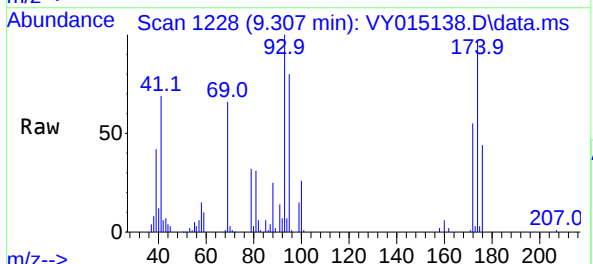
Instrument :
MSVOA_Y
ClientSampleId :

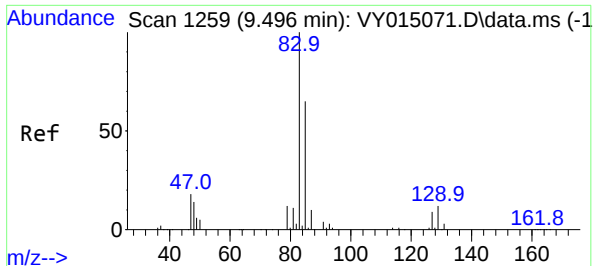
Tgt Ion: 63 Resp: 35863
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 20.152 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 93 Resp: 23445
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 100.8 84.8 127.2

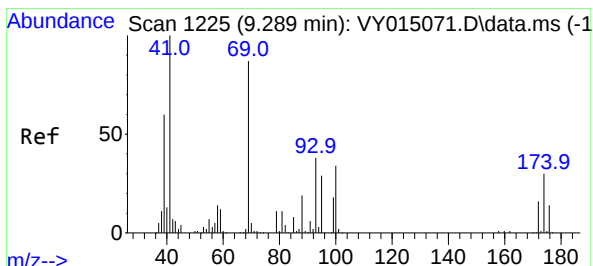
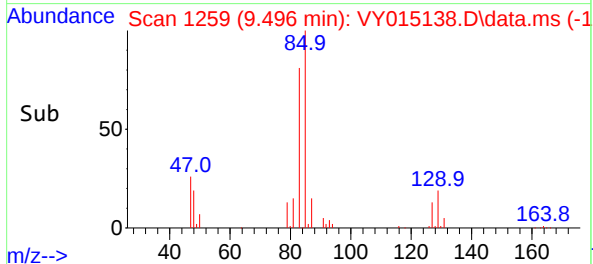
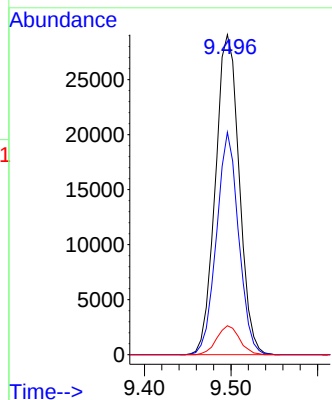
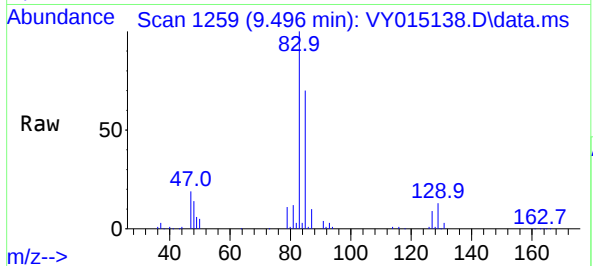




#47
Bromodichloromethane
Concen: 19.957 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

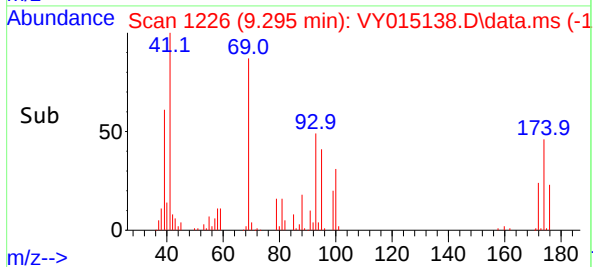
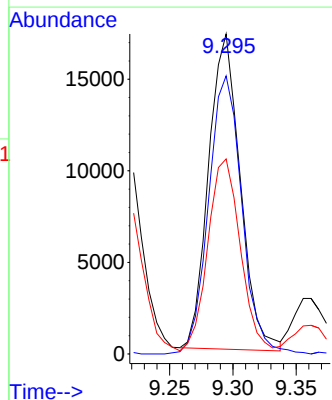
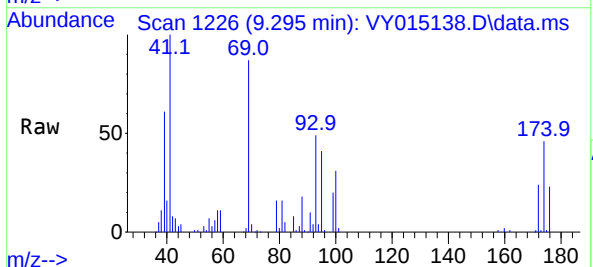
Instrument :
MSVOA_Y
ClientSampleId :

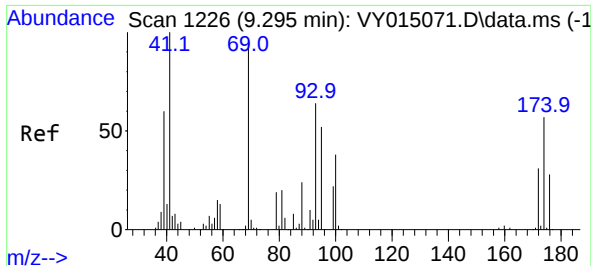
Tgt Ion: 83 Resp: 55405
Ion Ratio Lower Upper
83 100
85 69.5 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 19.081 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 41 Resp: 29978
Ion Ratio Lower Upper
41 100
69 92.7 64.5 96.7
39 63.8 50.8 76.2





#49

1,4-Dioxane

Concen: 359.260 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

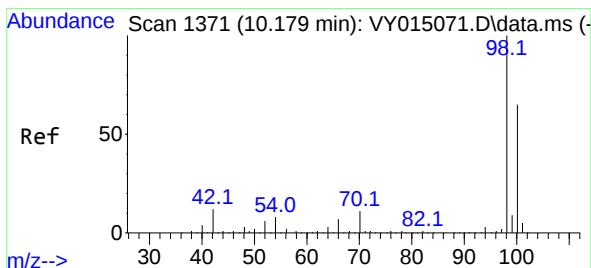
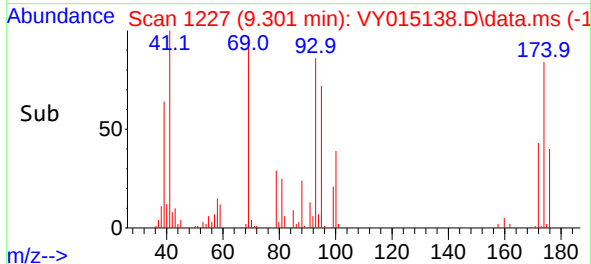
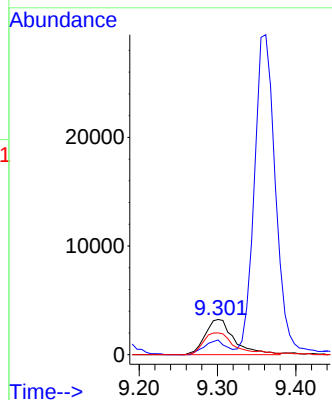
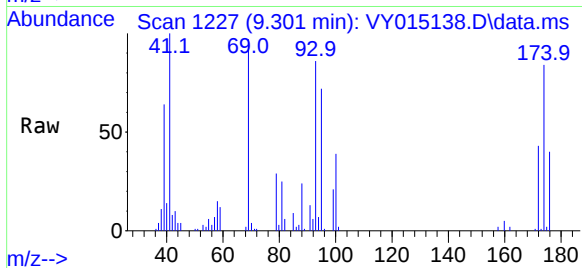
Tgt Ion: 88 Resp: 8358

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 53.439 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015138.D

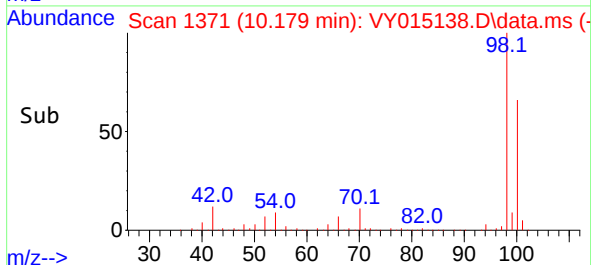
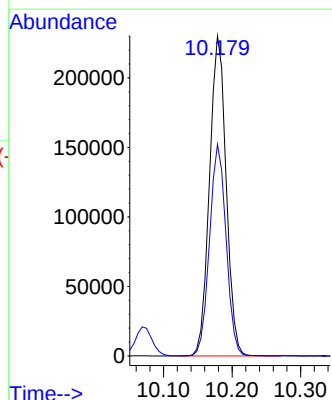
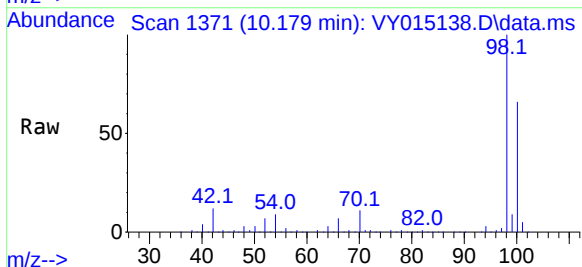
Acq: 16 Aug 2023 10:34

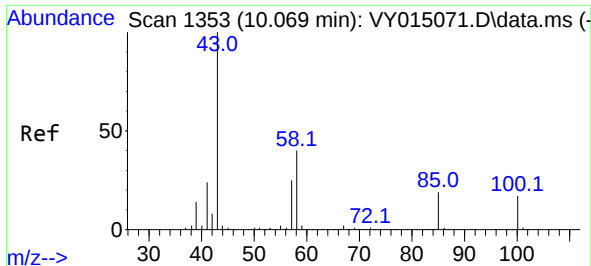
Tgt Ion: 98 Resp: 389064

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

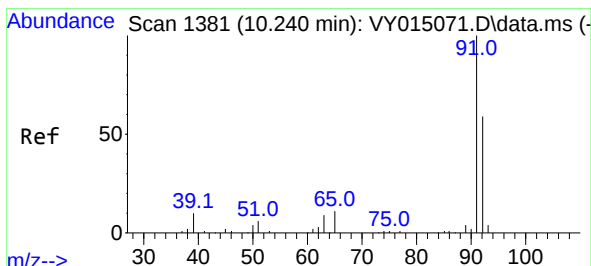
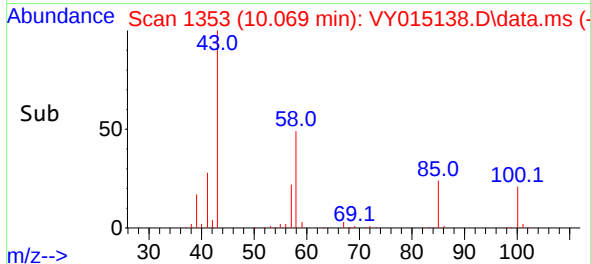
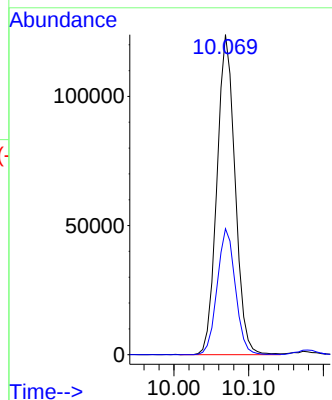
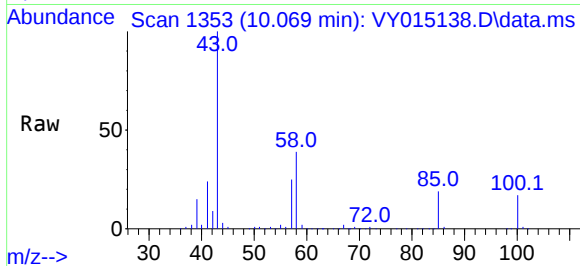




#51
4-Methyl-2-Pentanone
Concen: 98.460 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

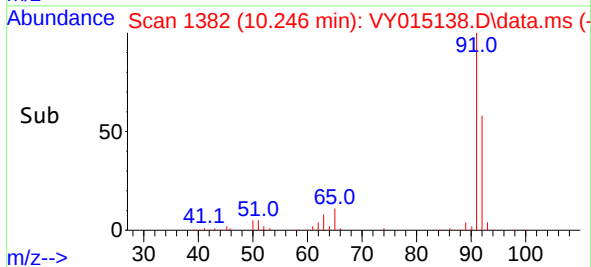
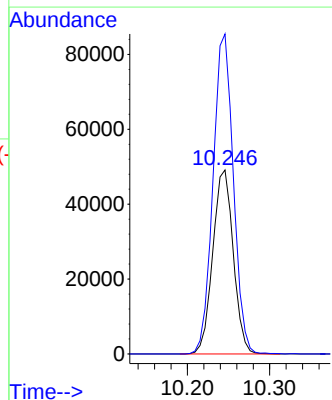
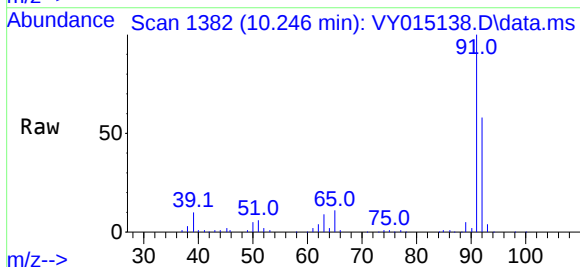
Instrument :
MSVOA_Y
ClientSampleId :

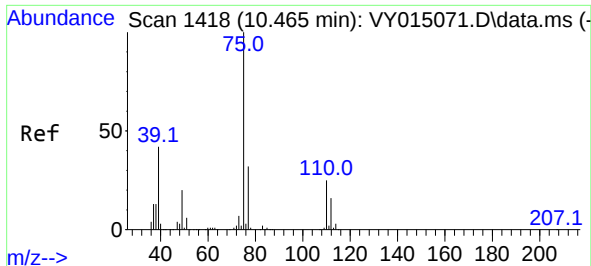
Tgt Ion: 43 Resp: 209580
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 19.711 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 92 Resp: 84986
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6

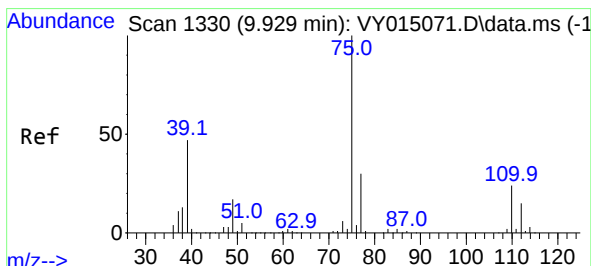
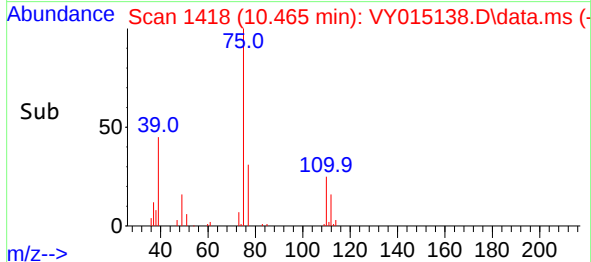
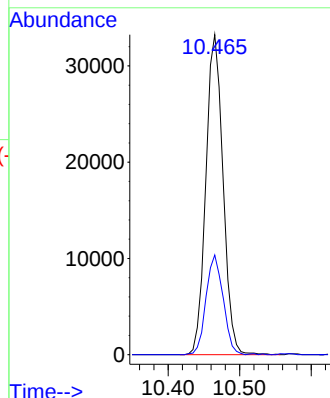
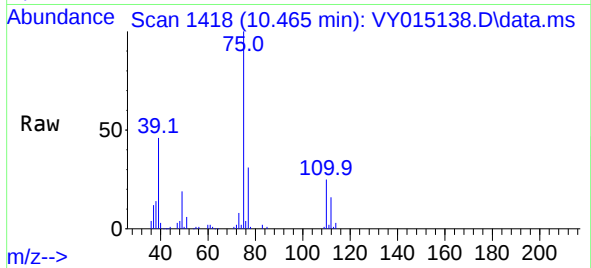




#53
t-1,3-Dichloropropene
Concen: 19.033 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

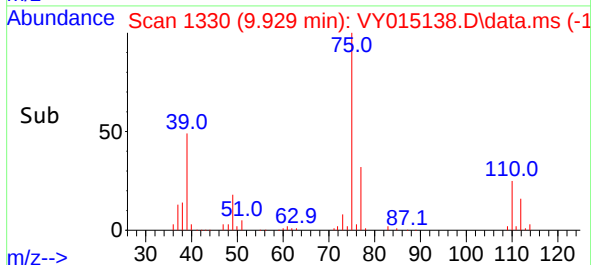
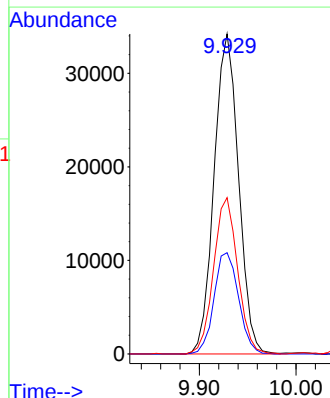
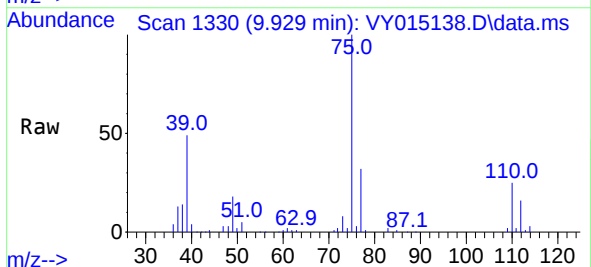
Instrument :
MSVOA_Y
ClientSampleId :

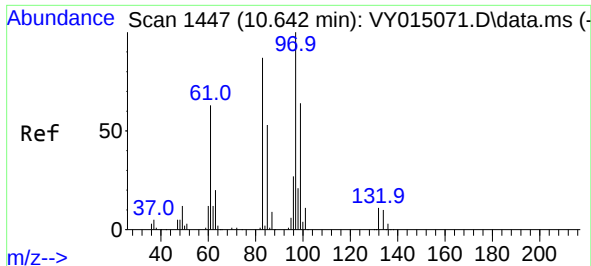
Tgt Ion: 75 Resp: 55532
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.521 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

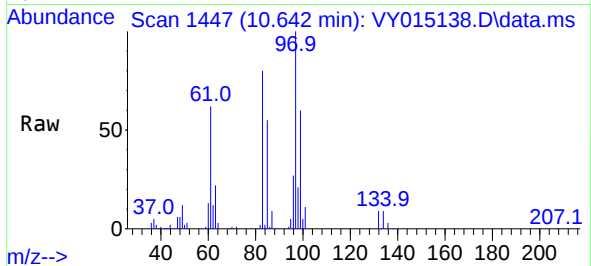
Tgt Ion: 75 Resp: 59984
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 48.9 42.2 63.4





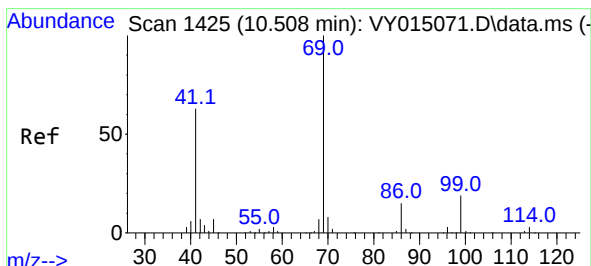
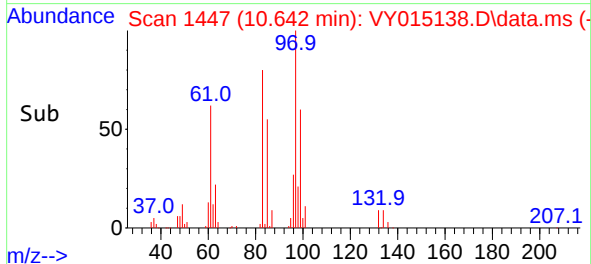
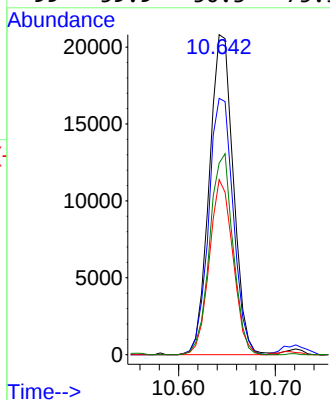
#55
1,1,2-Trichloroethane
Concen: 20.356 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 36009

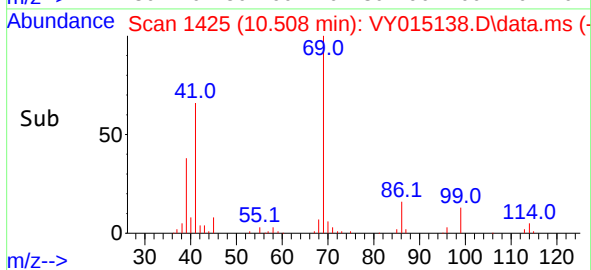
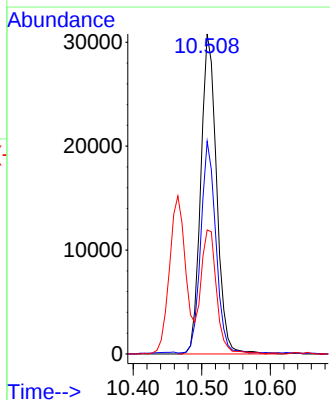
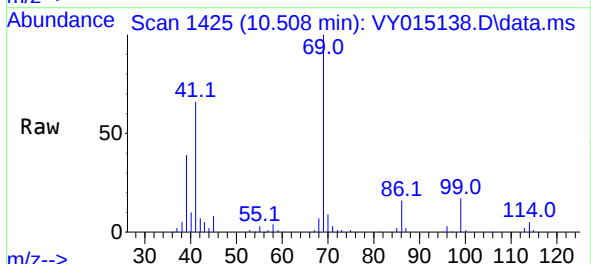
Ion	Ratio	Lower	Upper
97	100		
83	80.1	72.0	108.0
85	54.7	45.4	68.0
99	59.9	50.3	75.5

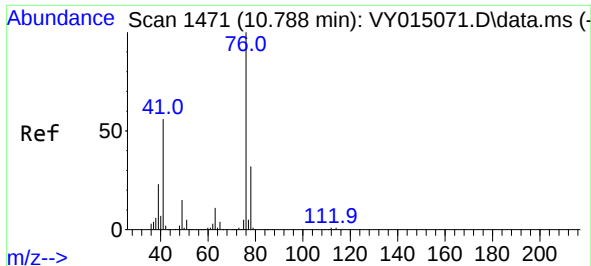


#56
Ethyl methacrylate
Concen: 19.145 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 69 Resp: 49566

Ion	Ratio	Lower	Upper
69	100		
41	62.9	57.6	86.4
39	38.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.008 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

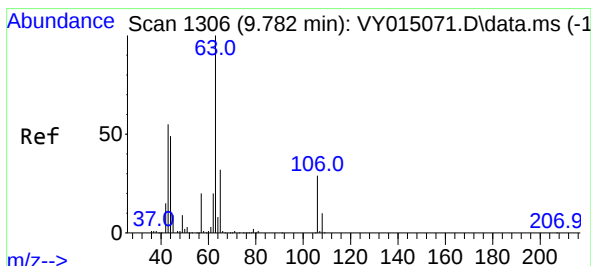
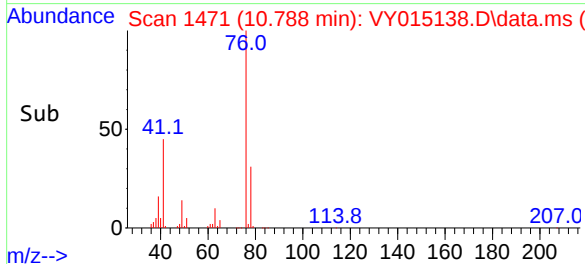
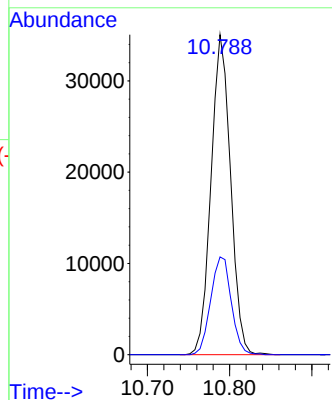
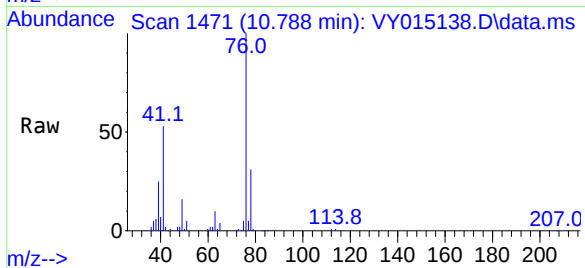
ClientSampleId :

Tgt Ion: 76 Resp: 57826

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.886 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015138.D

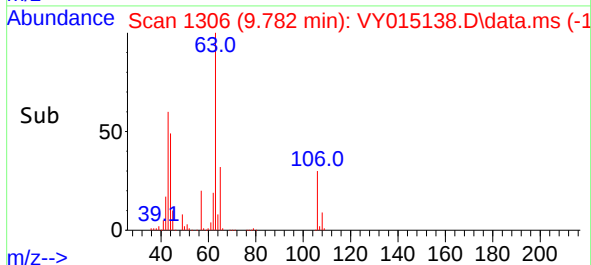
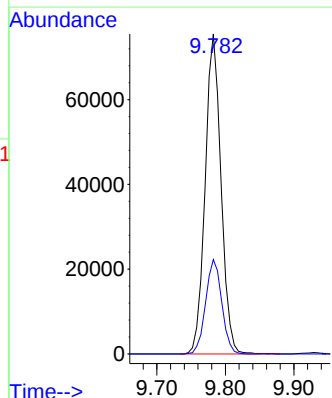
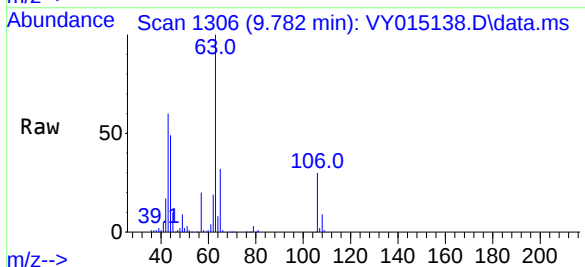
Acq: 16 Aug 2023 10:34

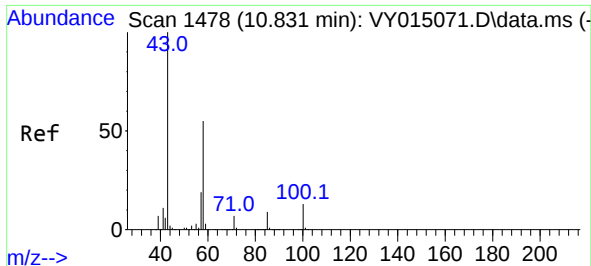
Tgt Ion: 63 Resp: 121550

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

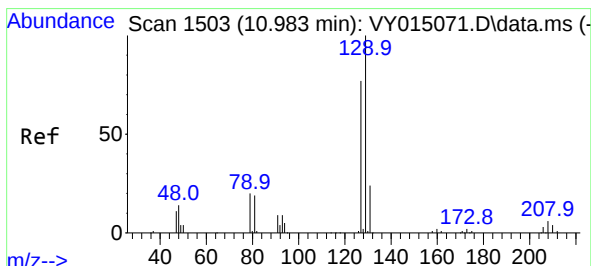
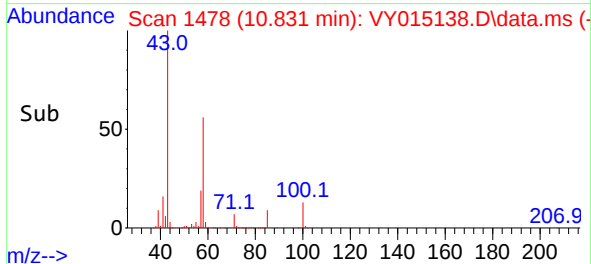
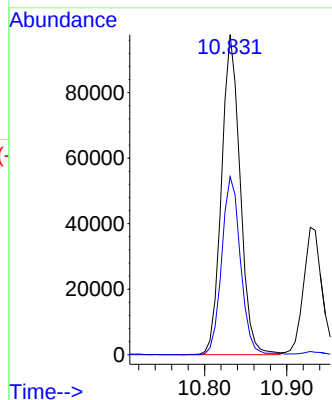
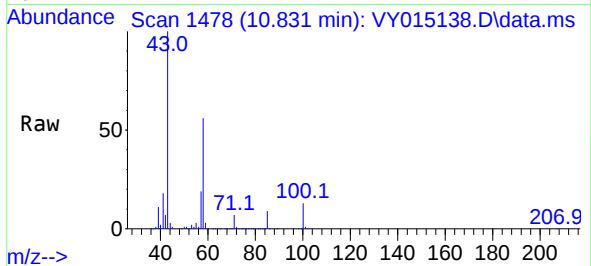




#59
2-Hexanone
Concen: 97.733 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

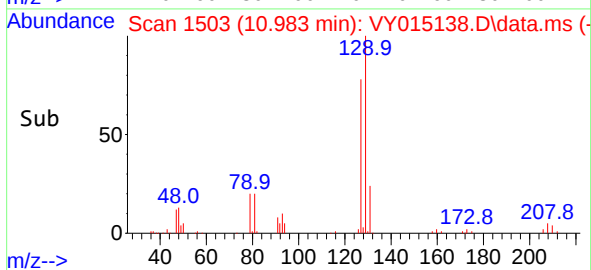
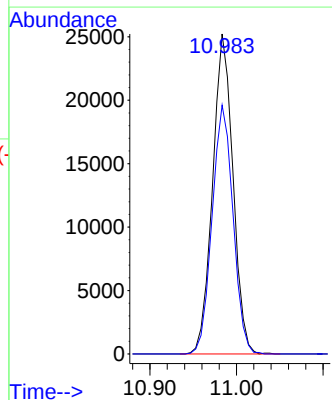
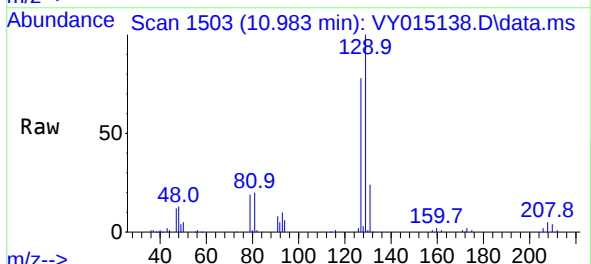
Instrument :
MSVOA_Y
ClientSampleId :

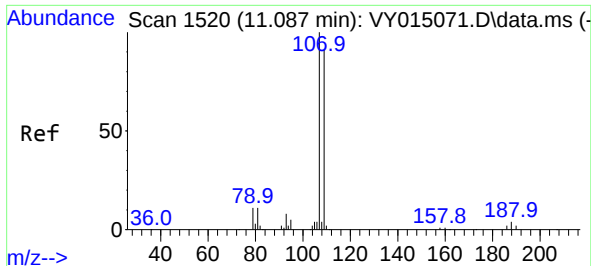
Tgt Ion: 43 Resp: 153966
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 19.496 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 129 Resp: 41141
Ion Ratio Lower Upper
129 100
127 79.9 38.5 115.5

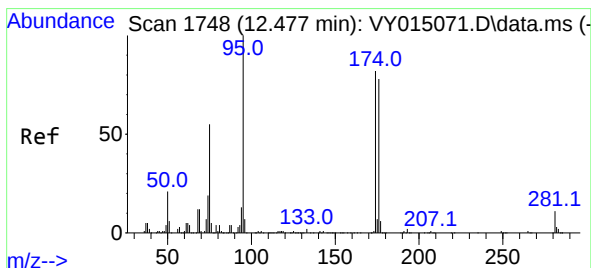
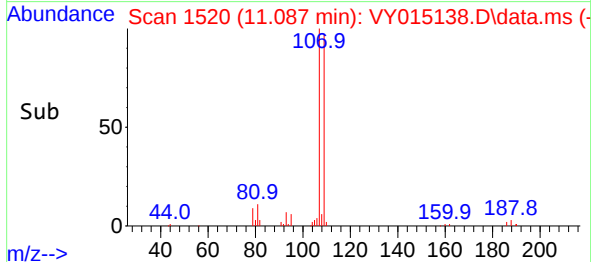
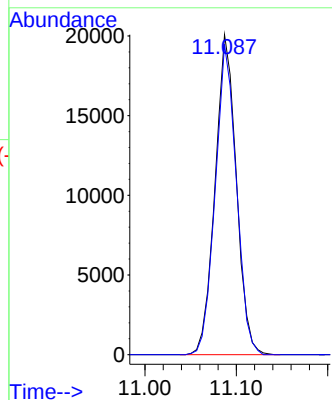
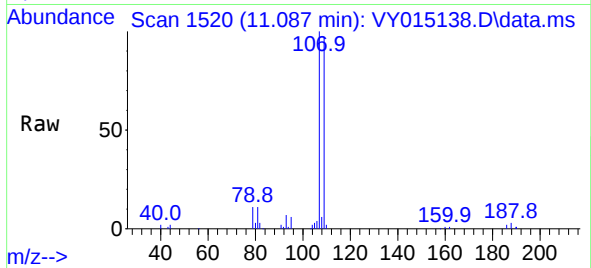




#61
1,2-Dibromoethane
Concen: 19.288 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

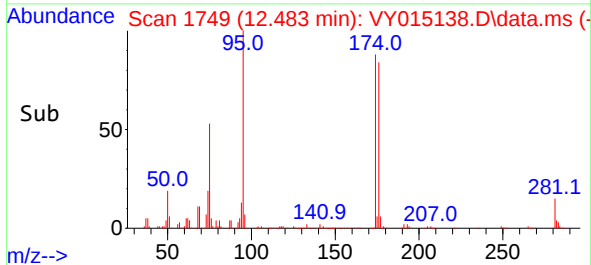
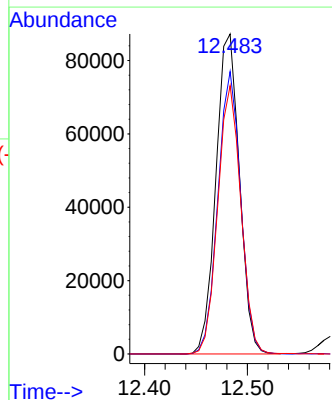
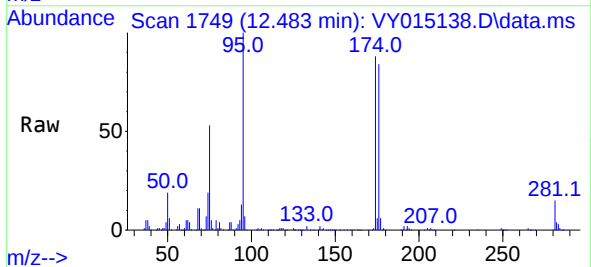
Instrument :
MSVOA_Y
ClientSampleId :

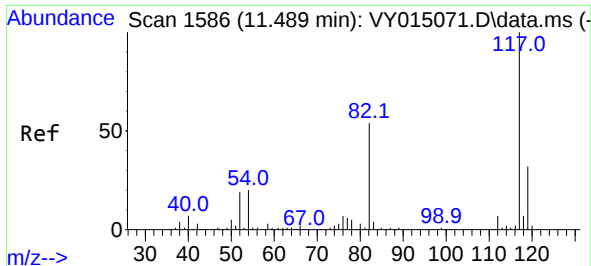
Tgt Ion:107 Resp: 32413
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

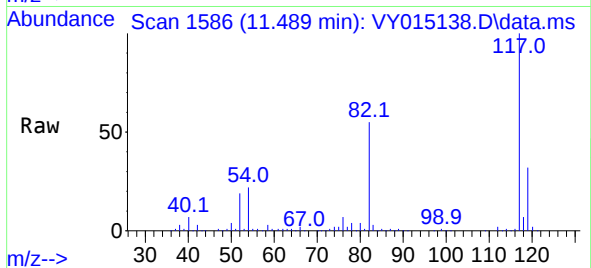
Tgt Ion: 95 Resp: 138342
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.5 0.0 173.8



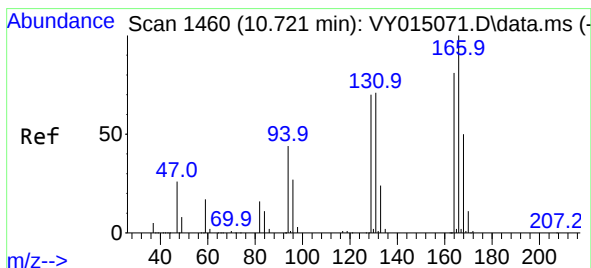
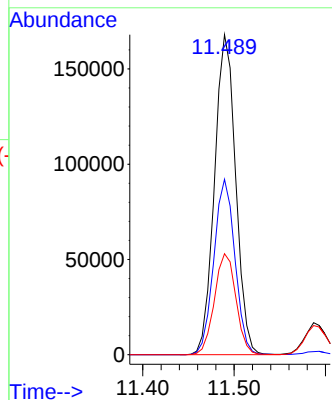
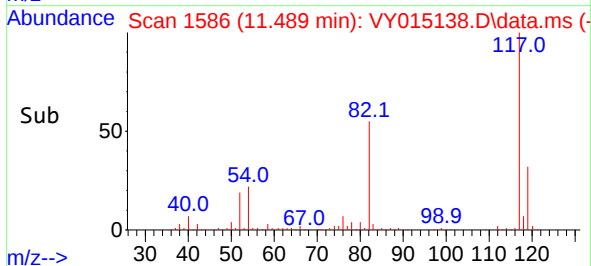


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

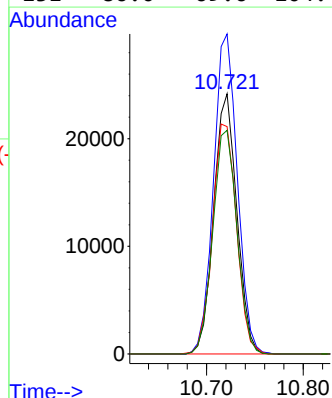
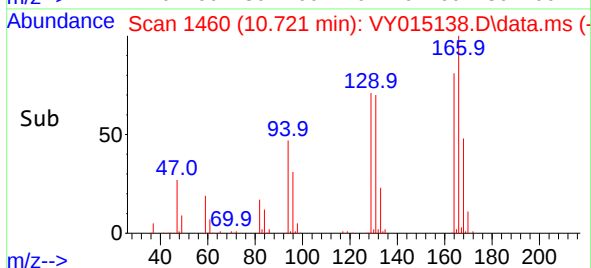
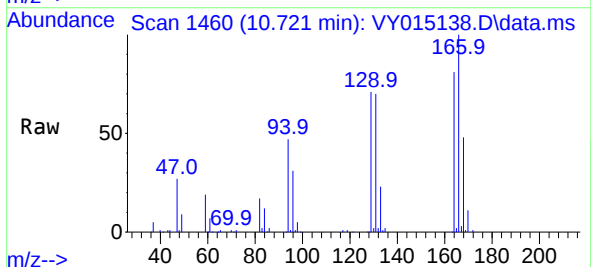


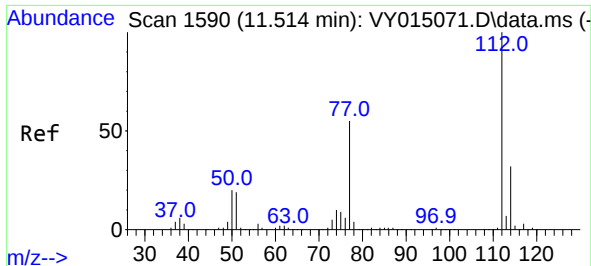
Tgt Ion:117 Resp: 270754
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 21.336 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion:164 Resp: 40247
Ion Ratio Lower Upper
164 100
166 123.0 103.0 154.6
129 87.4 77.2 115.8
131 86.0 69.6 104.4

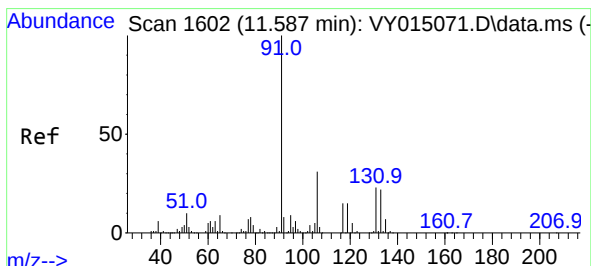
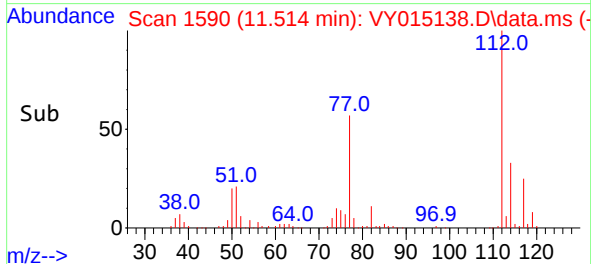
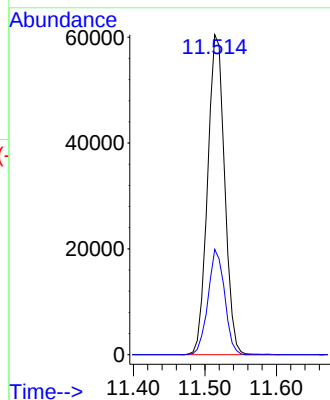
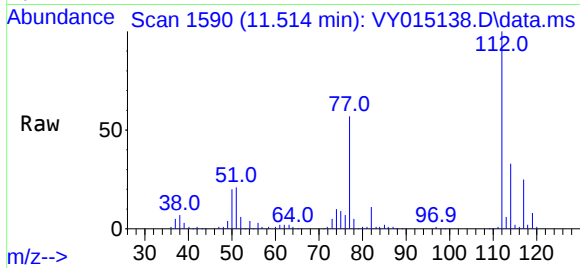




#65
Chlorobenzene
Concen: 20.273 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

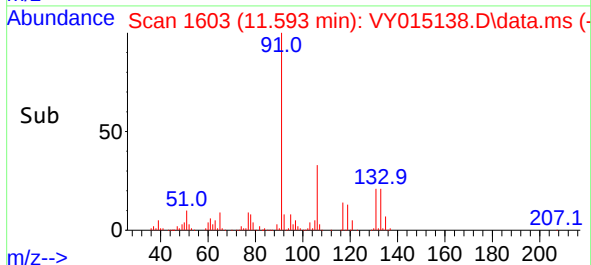
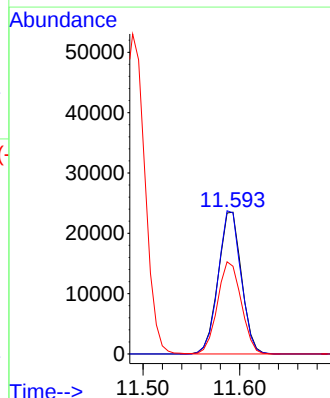
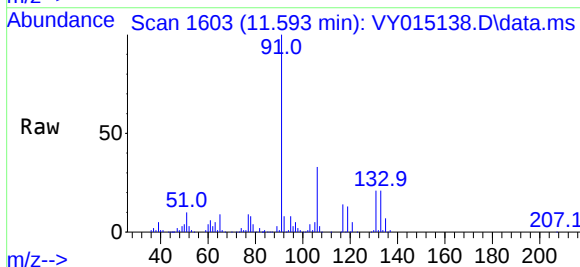
Instrument :
MSVOA_Y
ClientSampleId :

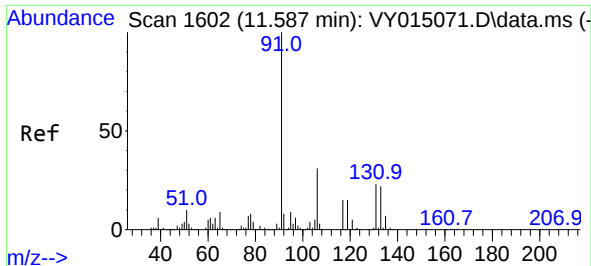
Tgt Ion:112 Resp: 100010
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.618 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion:131 Resp: 39269
Ion Ratio Lower Upper
131 100
133 98.8 47.5 142.6
119 66.3 31.6 94.7





#67

Ethyl Benzene

Concen: 19.865 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

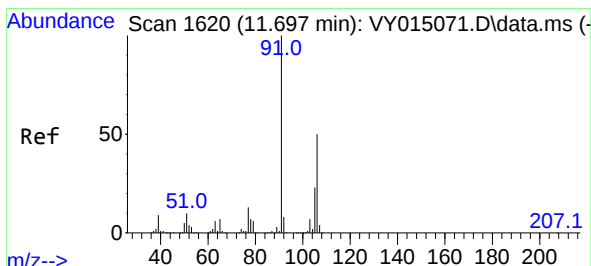
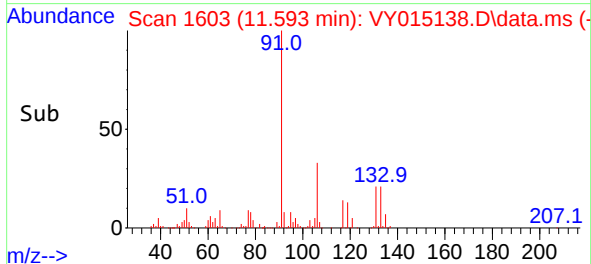
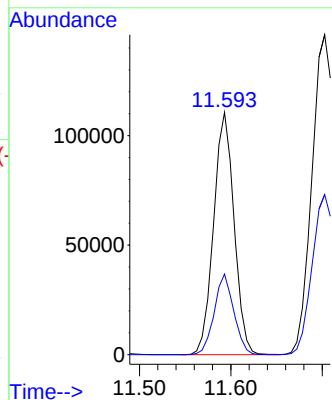
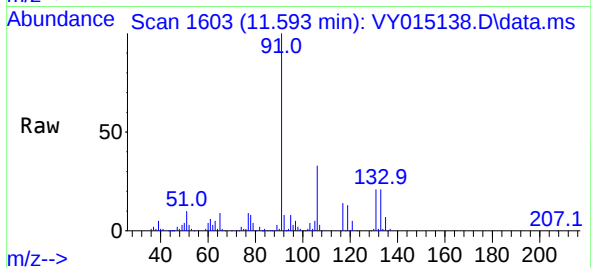
ClientSampleId :

Tgt Ion: 91 Resp: 171702

Ion Ratio Lower Upper

91 100

106 33.3 24.6 36.8



#68

m/p-Xylenes

Concen: 40.274 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015138.D

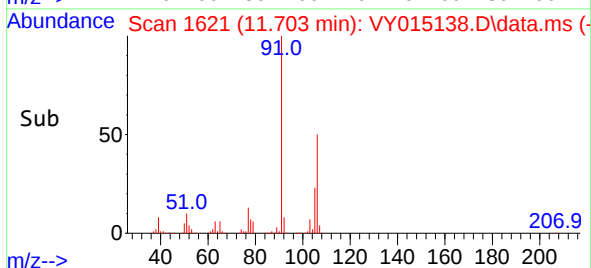
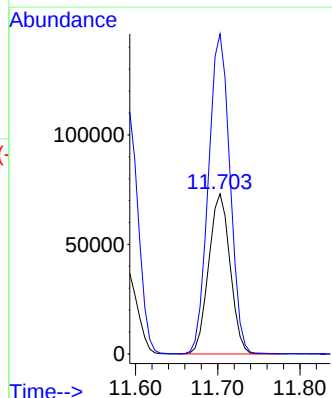
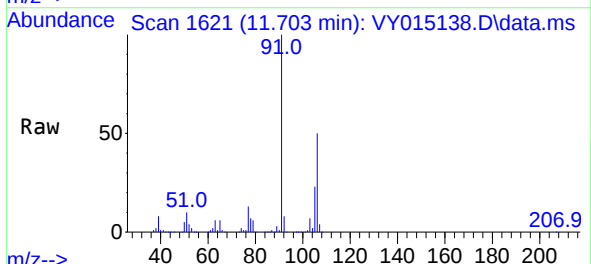
Acq: 16 Aug 2023 10:34

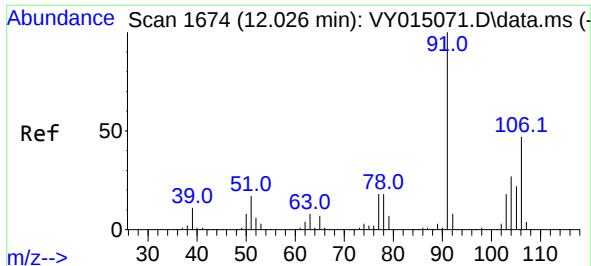
Tgt Ion:106 Resp: 132211

Ion Ratio Lower Upper

106 100

91 200.7 166.1 249.1

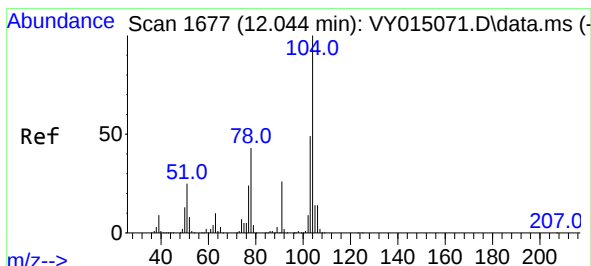
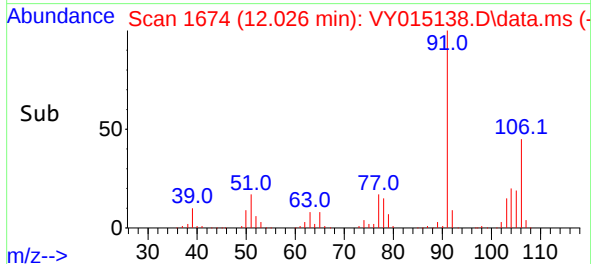
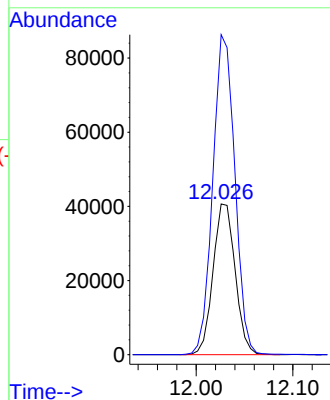
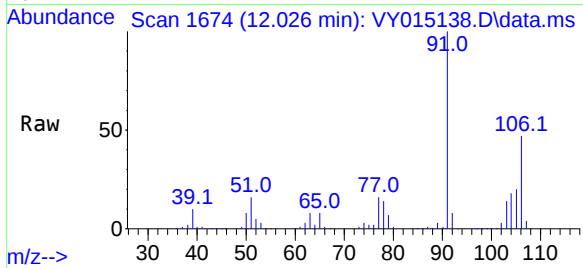




#69
o-Xylene
Concen: 19.747 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

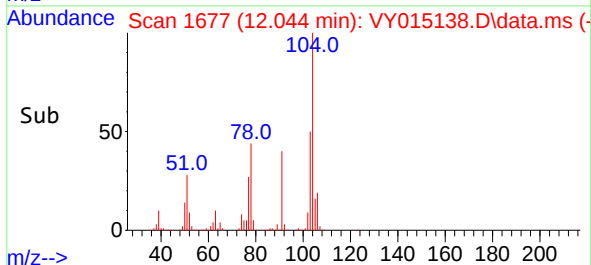
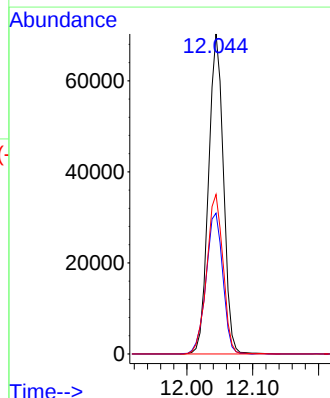
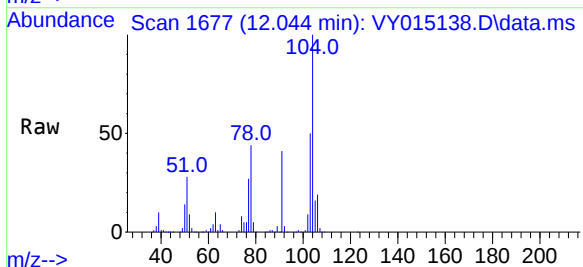
Instrument :
MSVOA_Y
ClientSampleId :

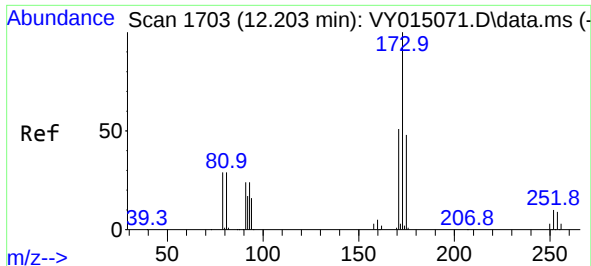
Tgt Ion:106 Resp: 64578
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.3



#70
Styrene
Concen: 19.633 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion:104 Resp: 111121
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 54.3 44.6 67.0

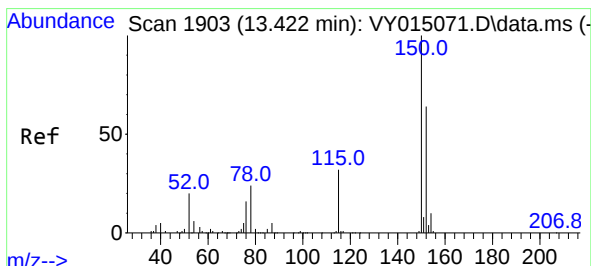
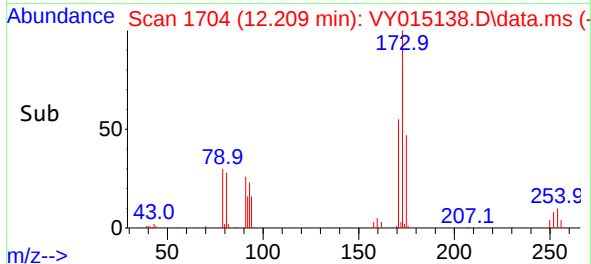
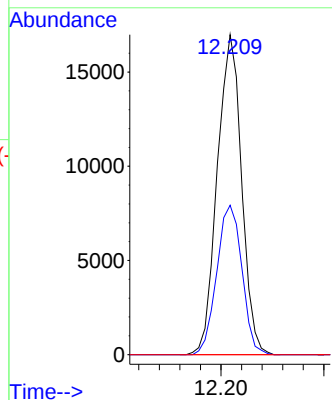
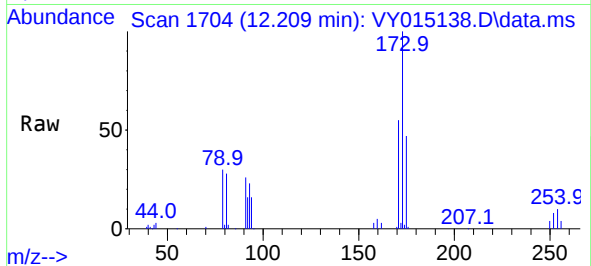




#71
Bromoform
Concen: 19.193 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

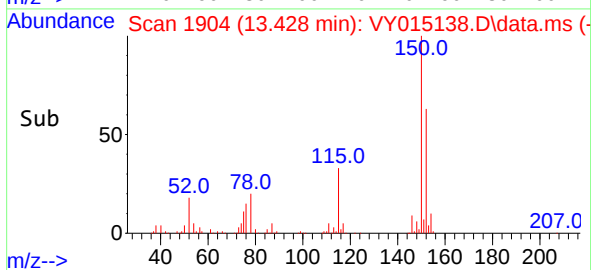
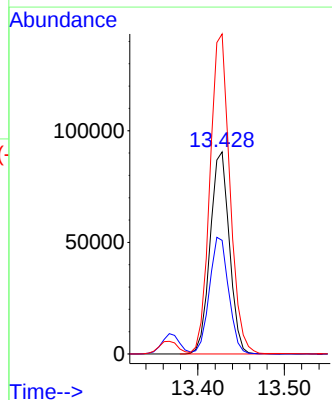
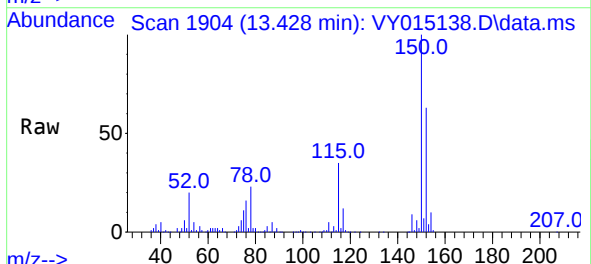
Instrument :
MSVOA_Y
ClientSampleId :

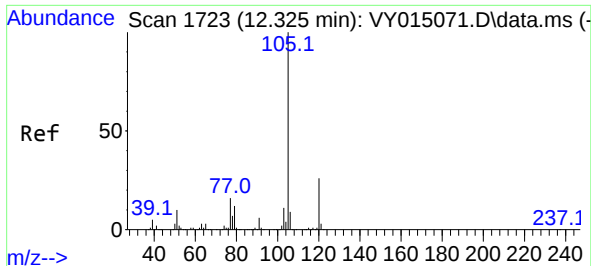
Tgt Ion:173 Resp: 27849
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion:152 Resp: 139287
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 164.5 0.0 348.8

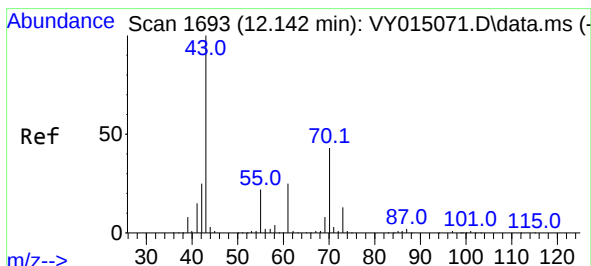
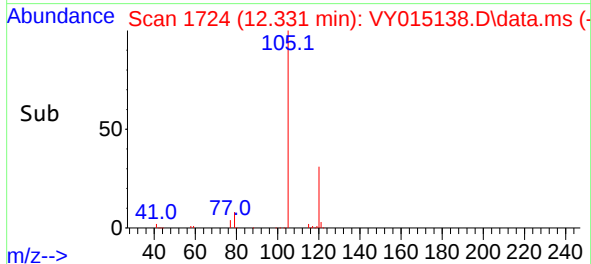
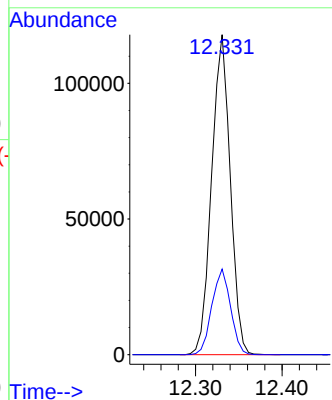
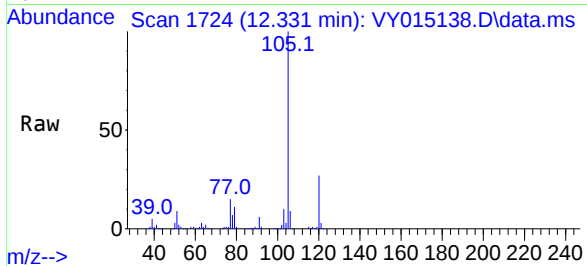




#73
Isopropylbenzene
Concen: 19.663 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

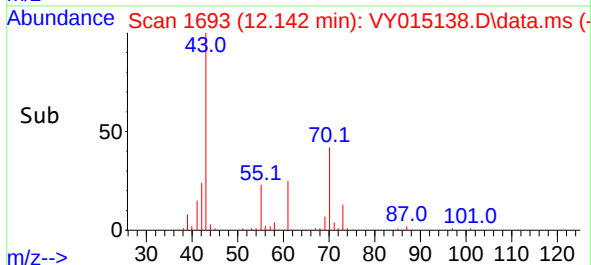
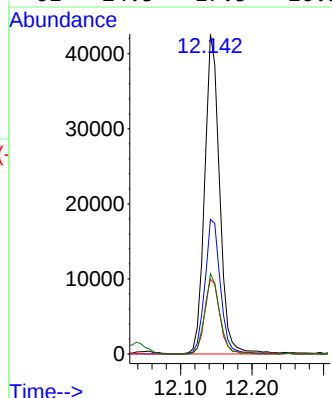
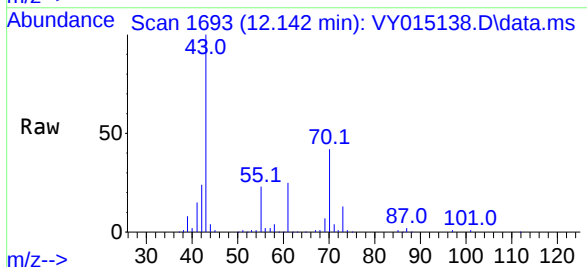
Instrument :
MSVOA_Y
ClientSampleId :

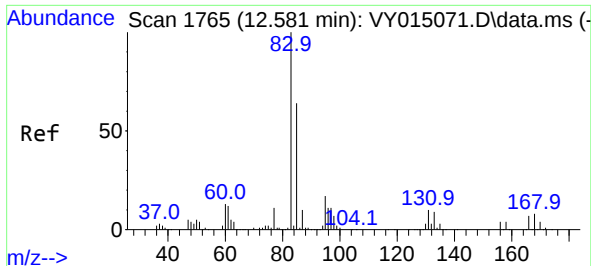
Tgt Ion:105 Resp: 176113
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 19.177 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 43 Resp: 62013
Ion Ratio Lower Upper
43 100
70 43.5 29.7 44.5
55 24.1 18.3 27.5
61 24.5 17.5 26.3

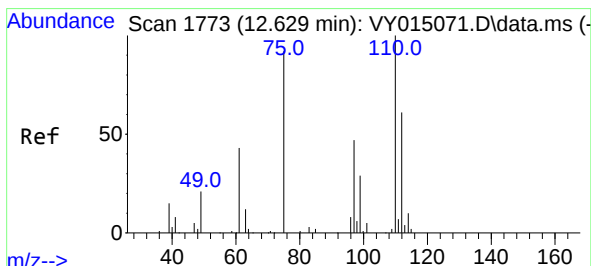
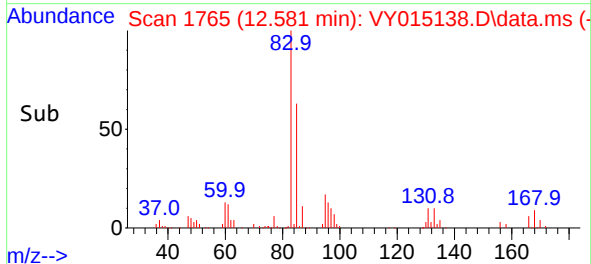
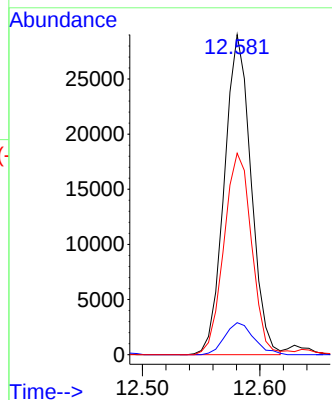
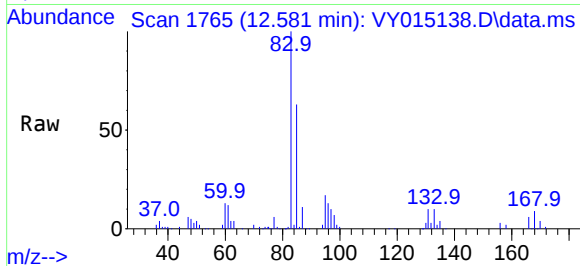




#75
1,1,2,2-Tetrachloroethane
Concen: 19.621 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

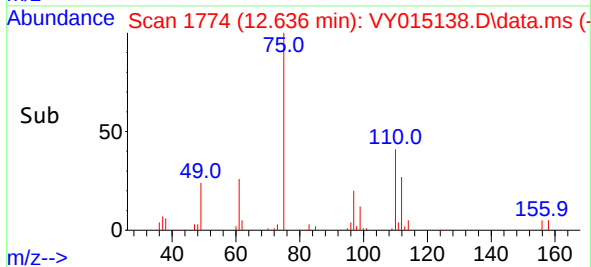
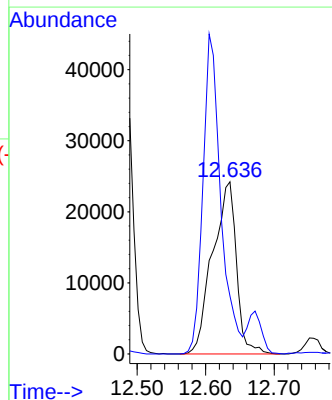
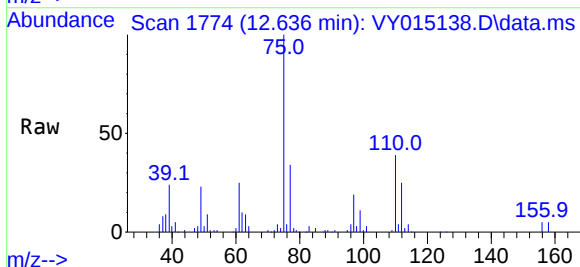
Instrument :
MSVOA_Y
ClientSampleId :

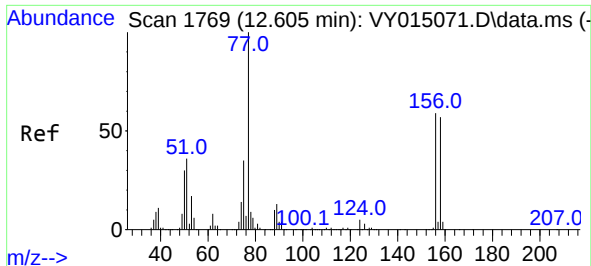
Tgt Ion: 83 Resp: 45770
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 65.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 34.615 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 75 Resp: 58577
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

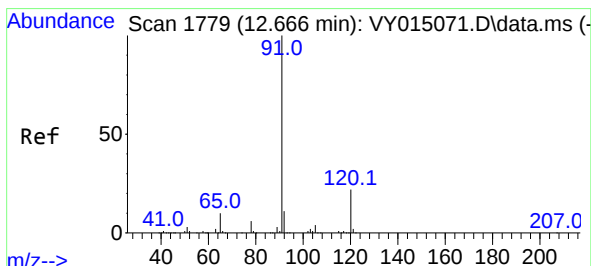
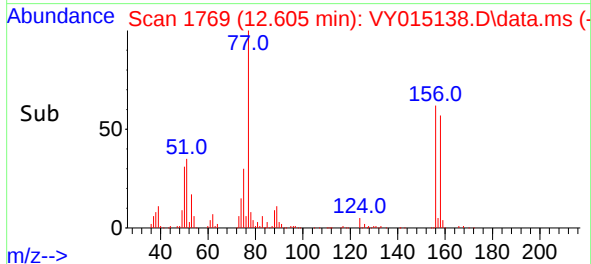
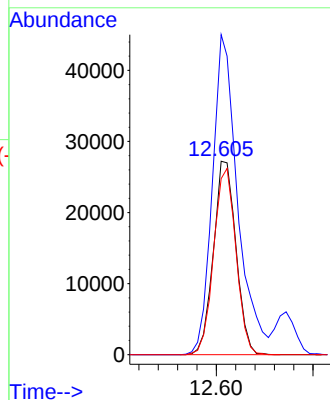
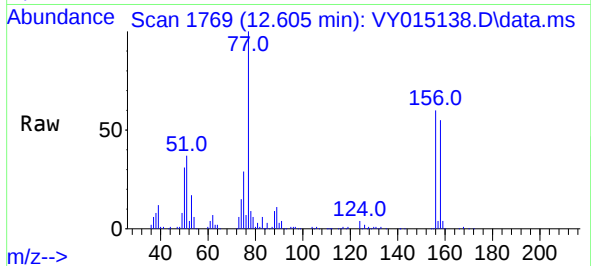




#77
Bromobenzene
Concen: 20.187 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

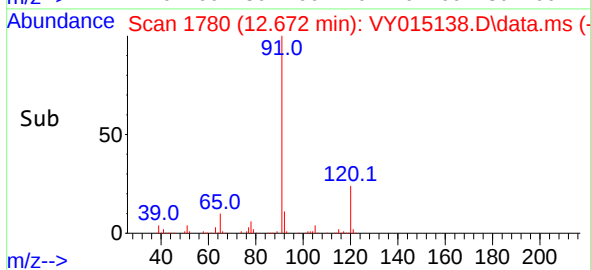
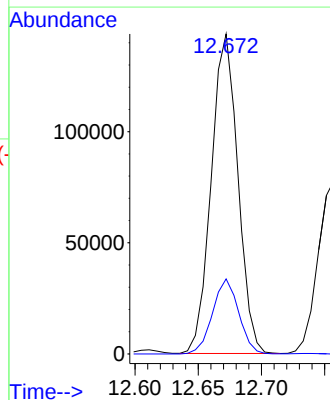
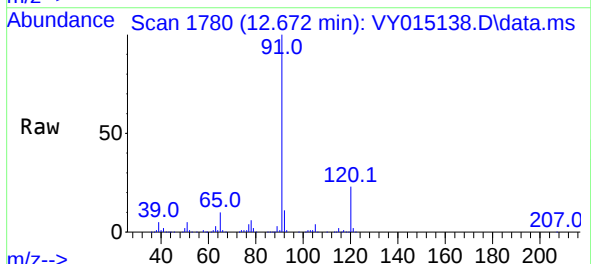
Instrument :
MSVOA_Y
ClientSampleId :

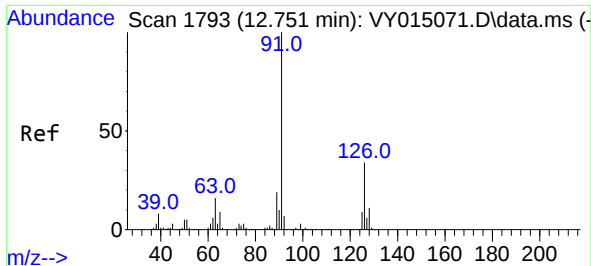
Tgt Ion:156 Resp: 44072
Ion Ratio Lower Upper
156 100
77 185.6 92.8 278.6
158 95.0 48.4 145.3



#78
n-propylbenzene
Concen: 19.785 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 91 Resp: 210430
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

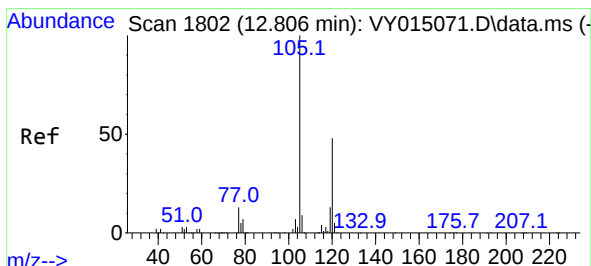
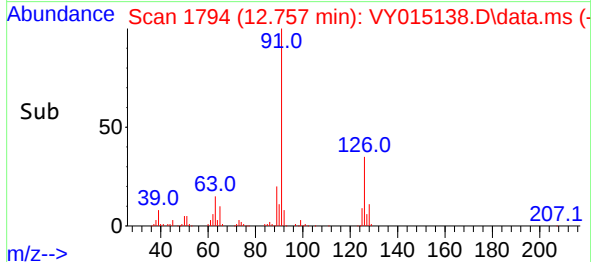
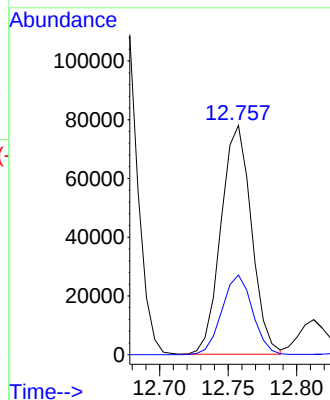
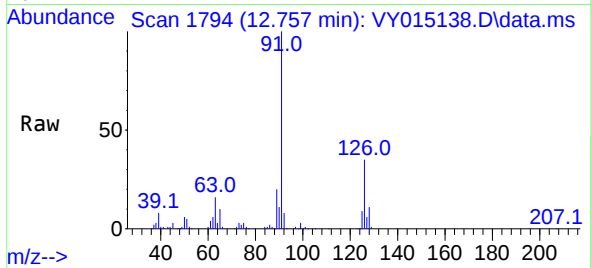




#79
2-Chlorotoluene
Concen: 19.661 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

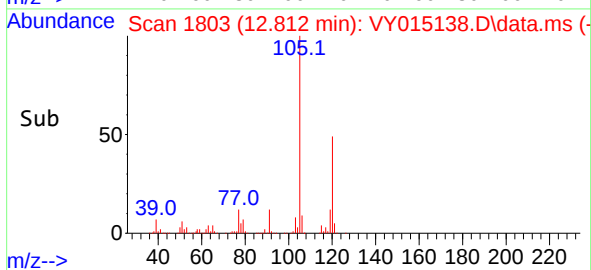
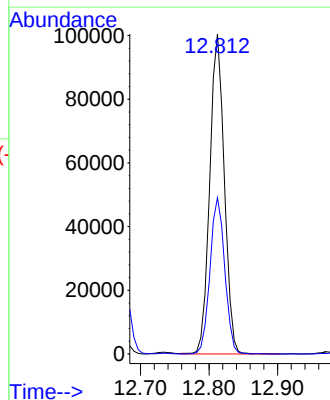
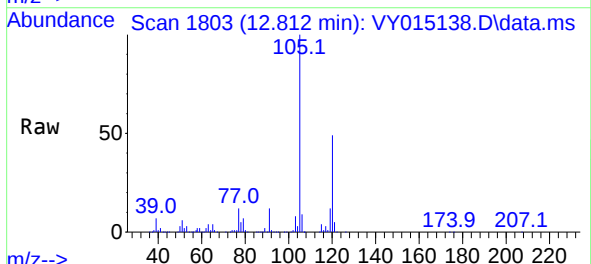
Instrument :
MSVOA_Y
ClientSampleId :

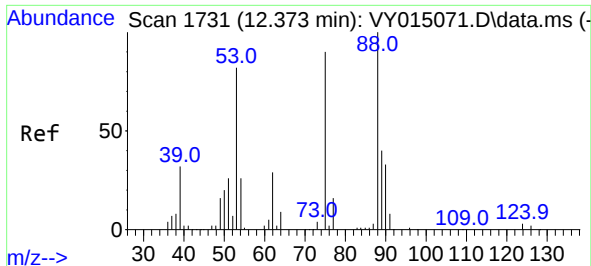
Tgt Ion: 91 Resp: 120633
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.884 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 105 Resp: 148456
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

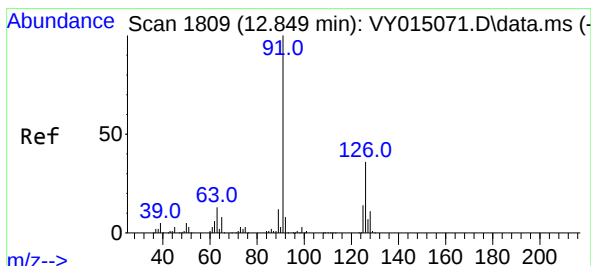
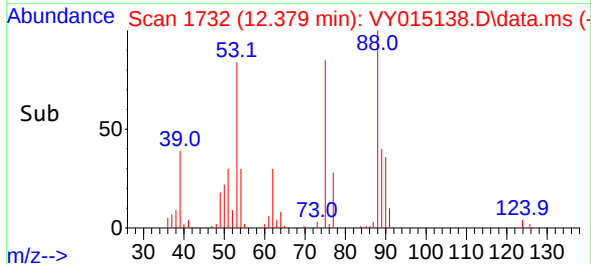
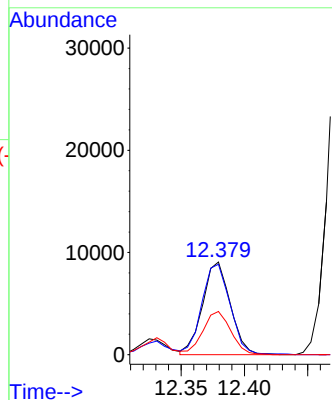
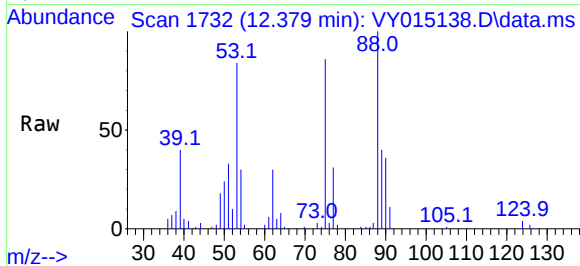




#81
trans-1,4-Dichloro-2-butene
Concen: 17.983 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

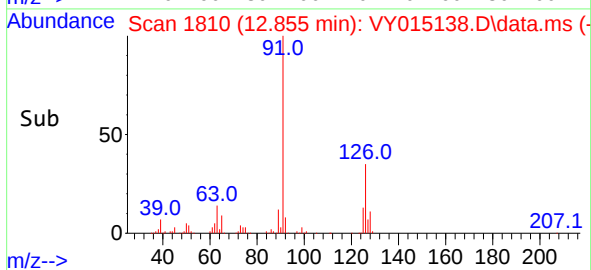
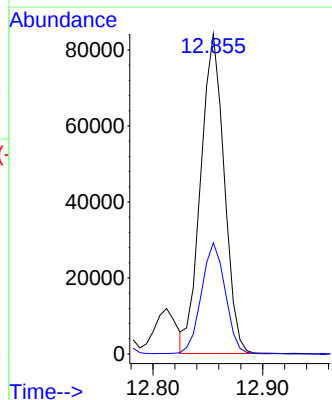
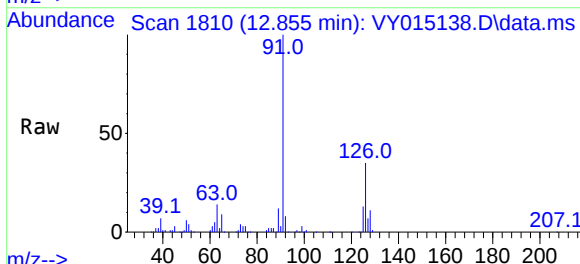
Instrument :
MSVOA_Y
ClientSampleId :

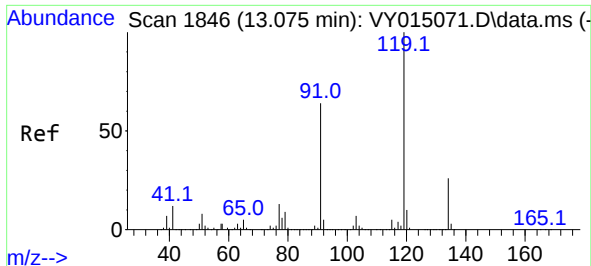
Tgt Ion: 75 Resp: 13855
Ion Ratio Lower Upper
75 100
53 99.6 77.8 116.8
89 47.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.763 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion: 91 Resp: 125274
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.808 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

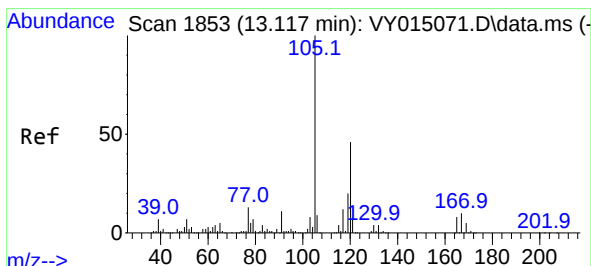
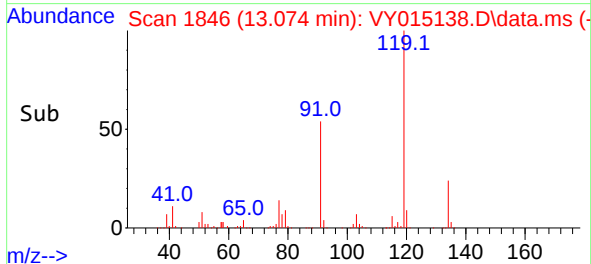
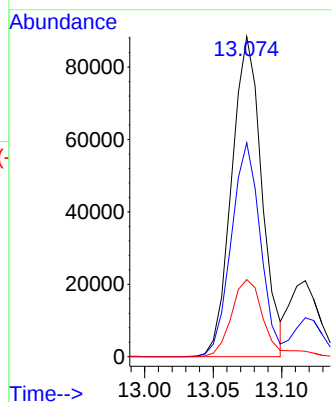
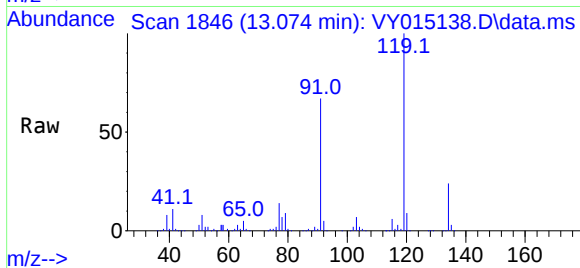
Tgt Ion:119 Resp: 135266

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.866 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015138.D

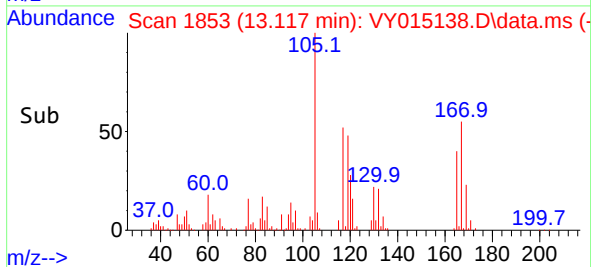
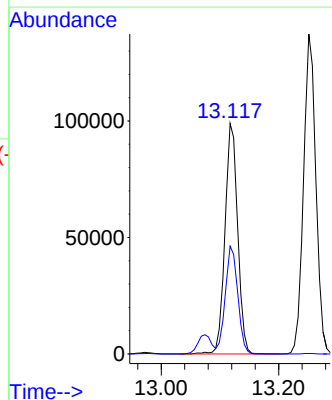
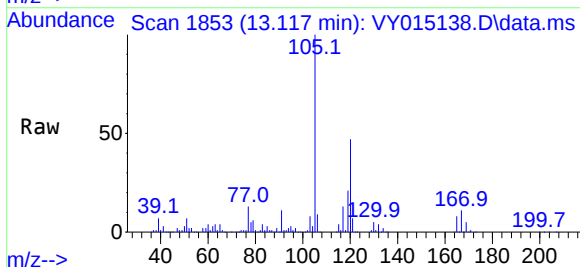
Acq: 16 Aug 2023 10:34

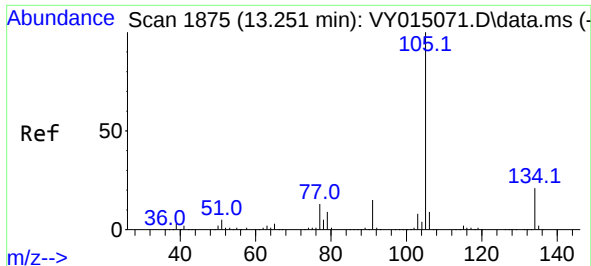
Tgt Ion:105 Resp: 148210

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6

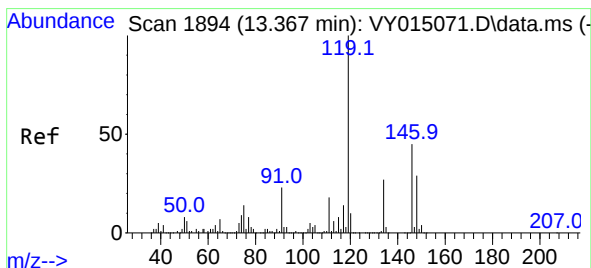
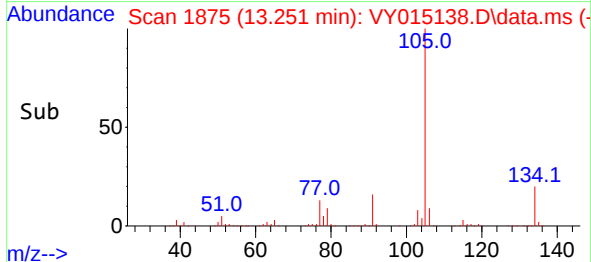
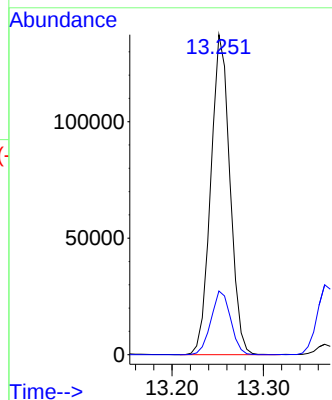
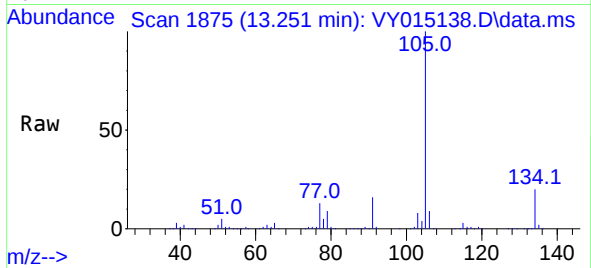




#85
 sec-Butylbenzene
 Concen: 20.001 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

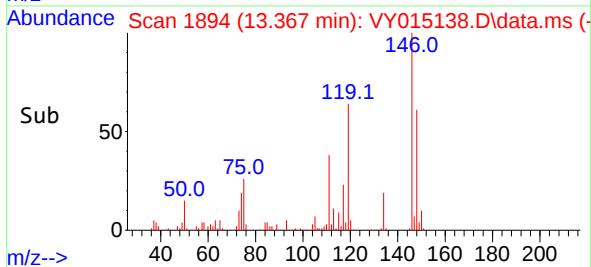
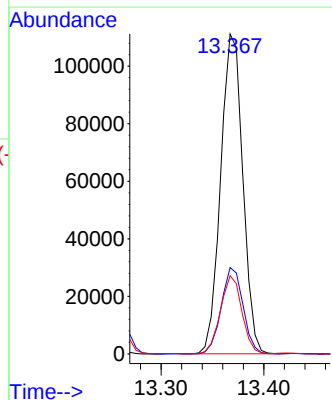
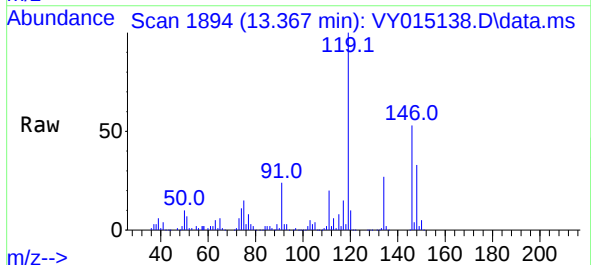
Instrument :
 MSVOA_Y
 ClientSampleId :

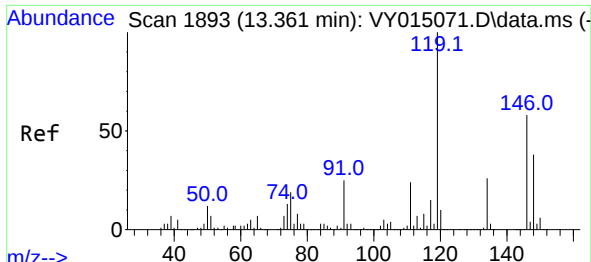
Tgt Ion:105 Resp: 200126
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.982 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015138.D
 Acq: 16 Aug 2023 10:34

Tgt Ion:119 Resp: 165764
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.205 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

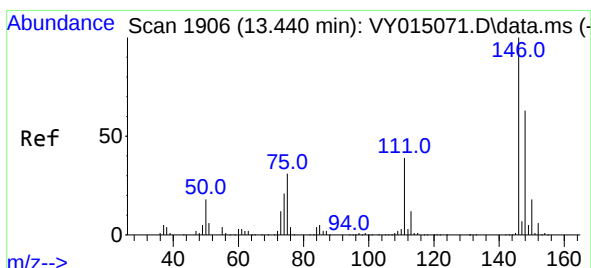
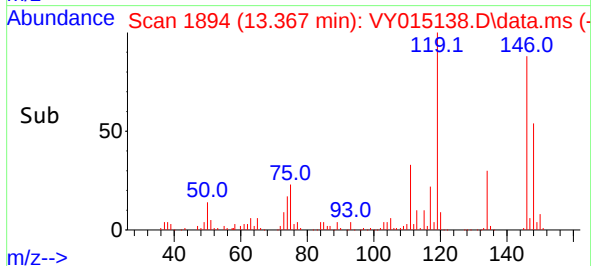
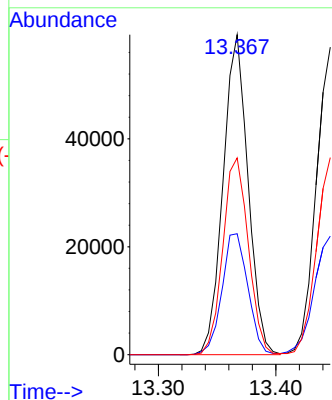
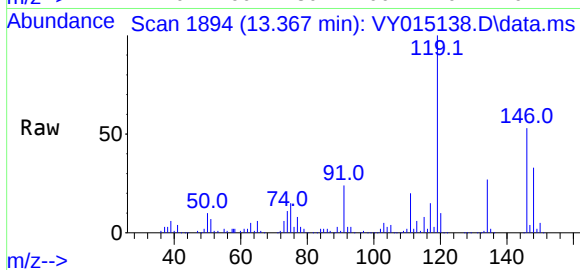
Tgt Ion:146 Resp: 87492

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.155 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

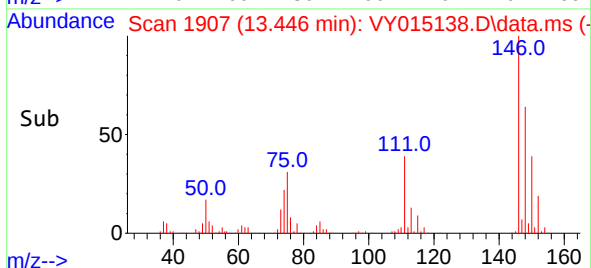
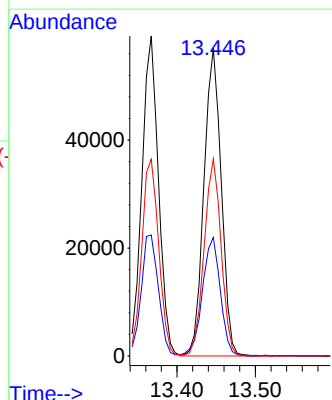
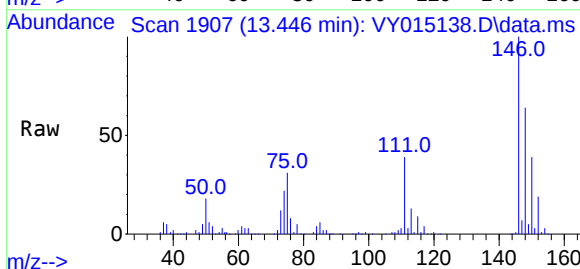
Tgt Ion:146 Resp: 87539

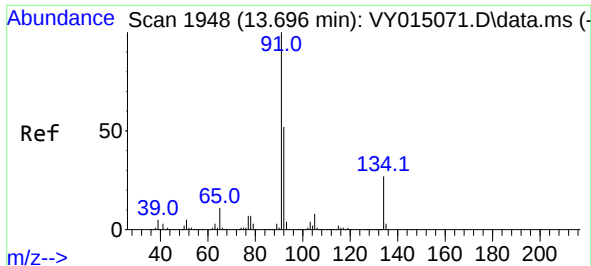
Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.7

148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.770 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

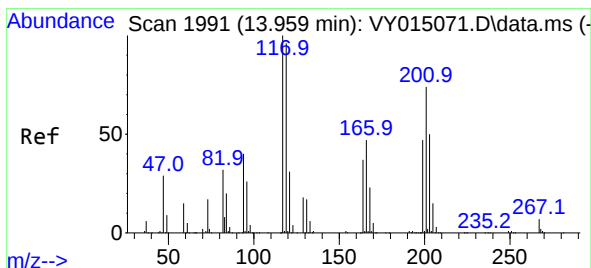
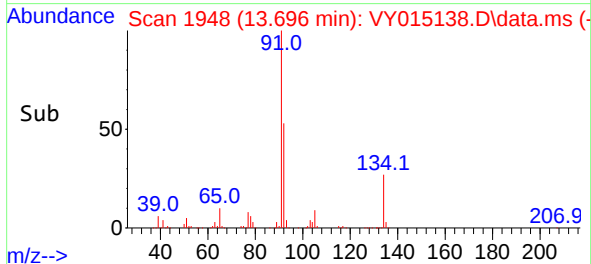
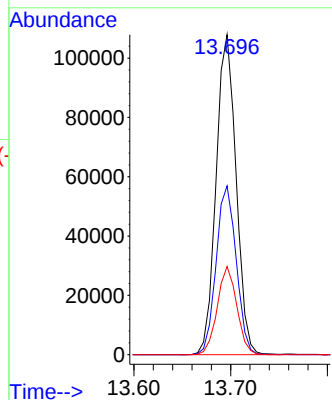
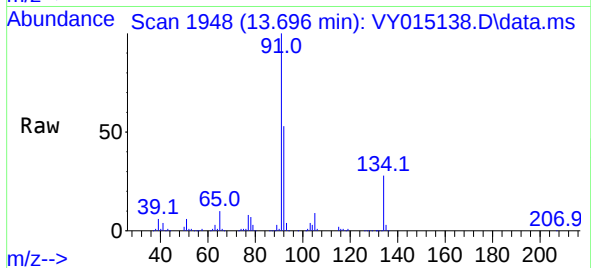
Tgt Ion: 91 Resp: 154639

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 19.409 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015138.D

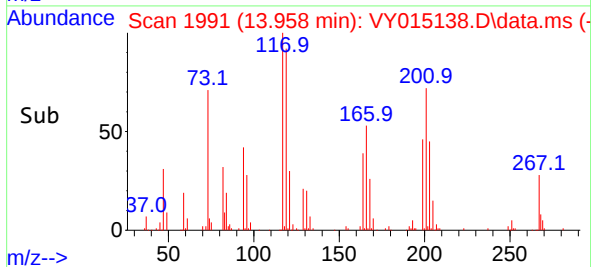
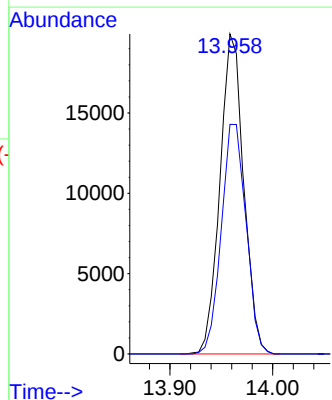
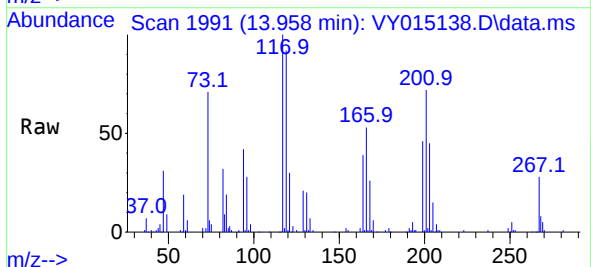
Acq: 16 Aug 2023 10:34

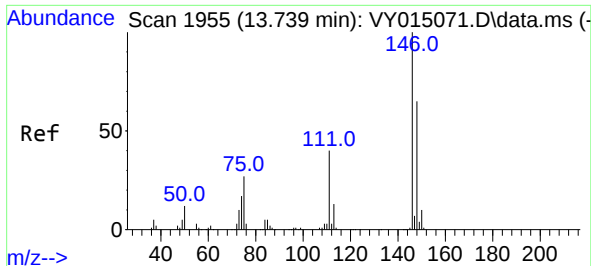
Tgt Ion: 117 Resp: 31942

Ion Ratio Lower Upper

117 100

201 74.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.215 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015138.D

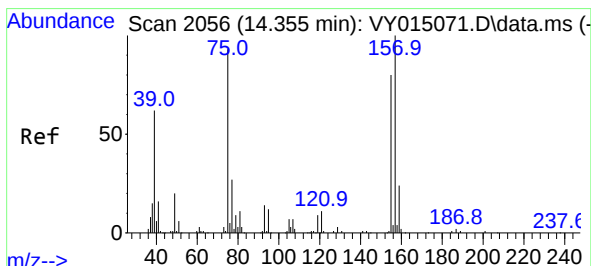
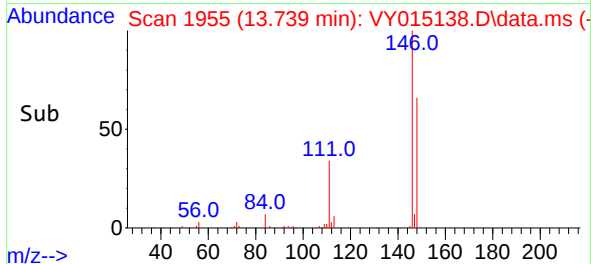
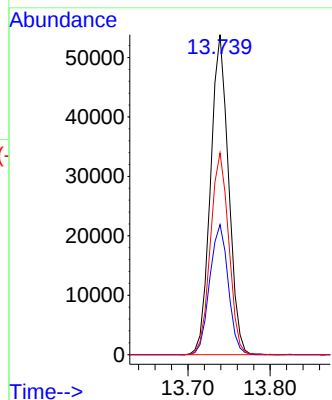
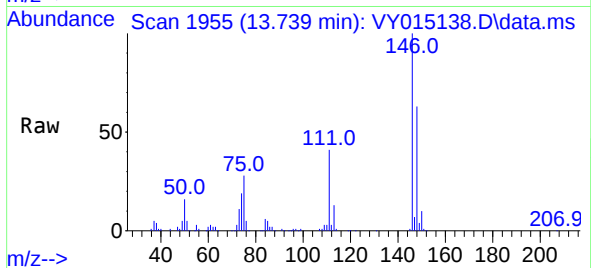
Acq: 16 Aug 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	81776
Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.7	59.0
148	64.1	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.556 ug/l

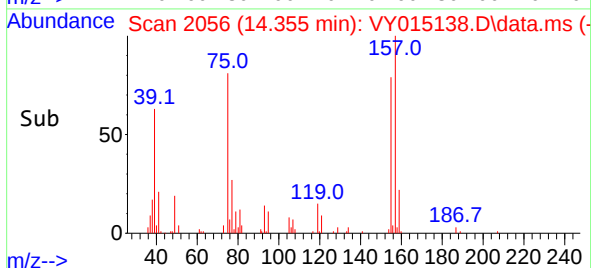
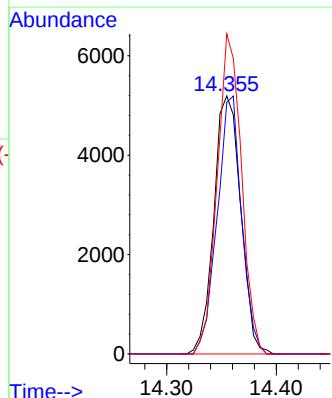
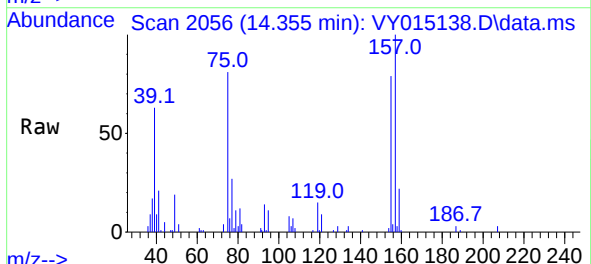
RT: 14.355 min Scan# 2056

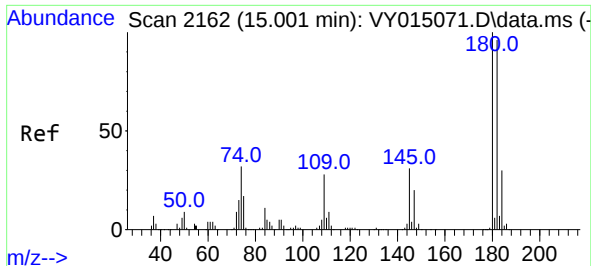
Delta R.T. -0.000 min

Lab File: VY015138.D

Acq: 16 Aug 2023 10:34

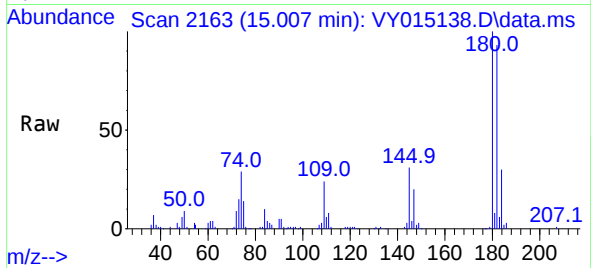
Tgt Ion:	75	Resp:	8837
Ion	Ratio	Lower	Upper
75	100		
155	90.7	41.5	124.6
157	112.5	51.8	155.5



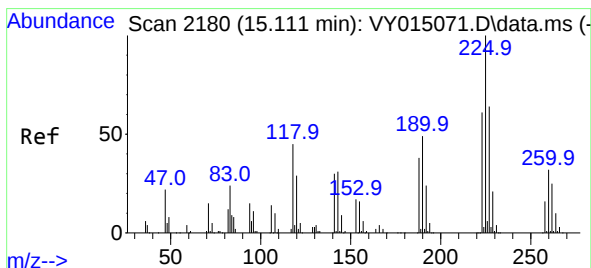
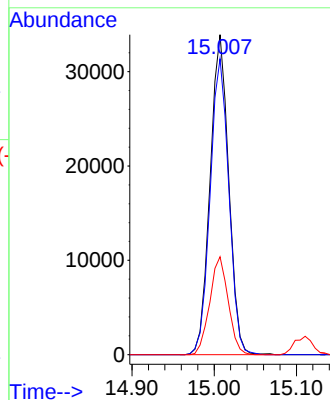
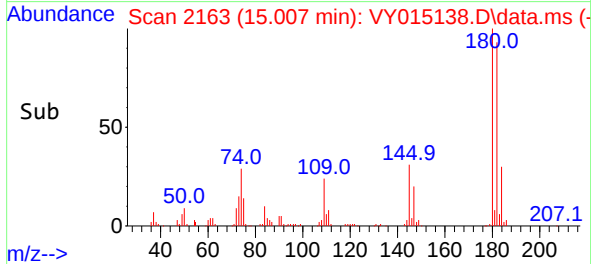


#93
1,2,4-Trichlorobenzene
Concen: 20.474 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

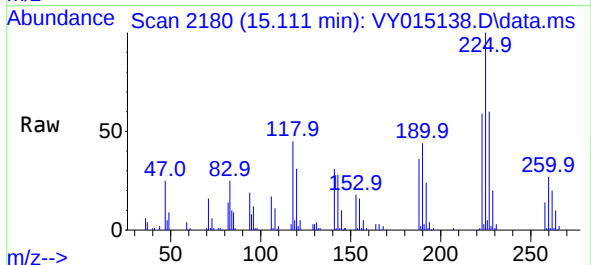
Instrument :
MSVOA_Y
ClientSampleId :



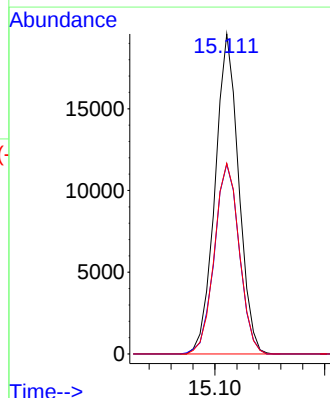
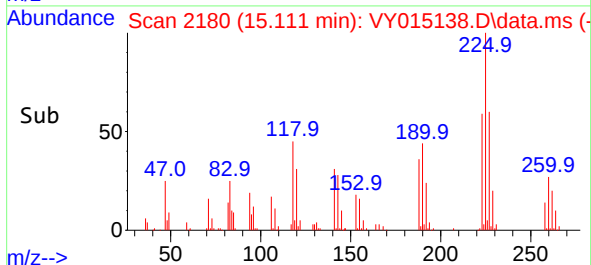
Tgt Ion:180 Resp: 53173
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.2
145 30.5 14.5 43.5

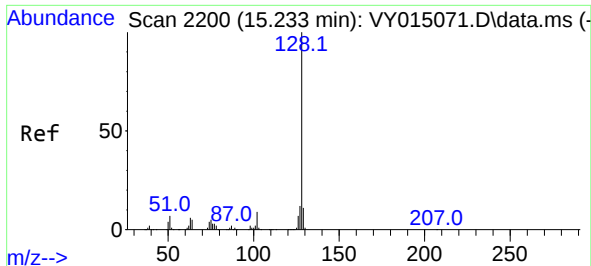


#94
Hexachlorobutadiene
Concen: 20.706 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34



Tgt Ion:225 Resp: 29251
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.9
227 62.6 33.0 98.9

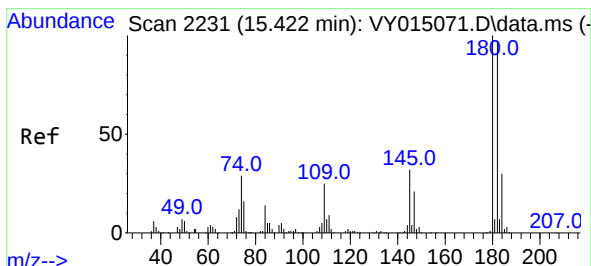
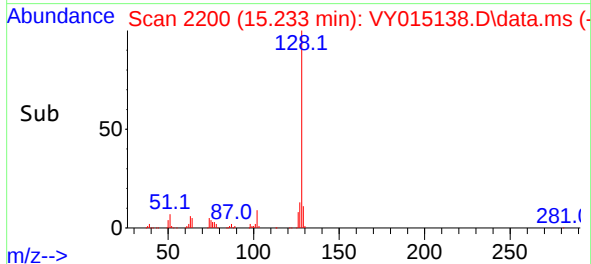
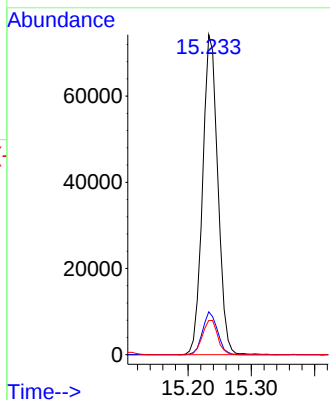
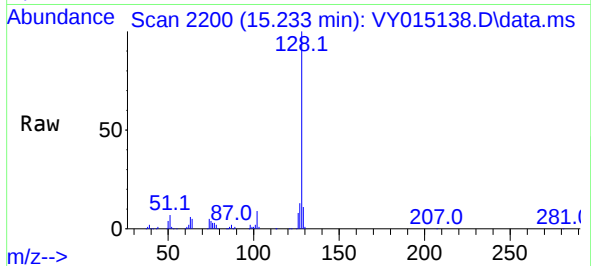




#95
Naphthalene
Concen: 19.227 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 124386
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.584 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015138.D
Acq: 16 Aug 2023 10:34

Tgt Ion:180 Resp: 48279
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.8
145 31.2 15.4 46.2

