

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013641.D
 Acq On : 08 May 2023 12:07
 Operator : KP/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Quant Time: May 08 14:43:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	247523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143404	52.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.700%	
35) Dibromofluoromethane	7.716	113	126373	53.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.420%	
50) Toluene-d8	10.179	98	432345	51.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.483	95	160676	56.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54438	23.134	ug/l	94
3) Chloromethane	2.113	50	66352	21.036	ug/l	97
4) Vinyl Chloride	2.253	62	66120	21.053	ug/l	99
5) Bromomethane	2.650	94	50403	20.139	ug/l	98
6) Chloroethane	2.790	64	42068	19.389	ug/l	98
7) Trichlorofluoromethane	3.125	101	108740	22.855	ug/l	99
8) Diethyl Ether	3.527	74	34922	21.554	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	57928	21.706	ug/l	98
10) Methyl Iodide	4.088	142	61203	18.259	ug/l	96
11) Tert butyl alcohol	4.978	59	31633	103.885	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	53886	20.947	ug/l	95
13) Acrolein	3.729	56	24122	96.302	ug/l	94
14) Allyl chloride	4.478	41	94503	19.798	ug/l	98
15) Acrylonitrile	5.167	53	98890	108.986	ug/l	99
16) Acetone	3.948	43	116918	109.416	ug/l	93
17) Carbon Disulfide	4.192	76	160701	19.231	ug/l	99
18) Methyl Acetate	4.478	43	75256	21.324	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	162765	21.916	ug/l	98
20) Methylene Chloride	4.716	84	91437	22.936	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	60292	21.436	ug/l	98
22) Diisopropyl ether	6.118	45	201500	21.598	ug/l	95
23) Vinyl Acetate	6.057	43	603302	114.210	ug/l	97
24) 1,1-Dichloroethane	6.015	63	113125	21.756	ug/l	97
25) 2-Butanone	6.990	43	145404	107.296	ug/l	92
26) 2,2-Dichloropropane	6.978	77	103740	23.153	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	67099	21.592	ug/l	96
28) Bromochloromethane	7.332	49	39455	21.383	ug/l	90
29) Tetrahydrofuran	7.350	42	85980	101.924	ug/l	95
30) Chloroform	7.502	83	121457	23.493	ug/l	99
31) Cyclohexane	7.783	56	95965	19.754	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	108611	23.543	ug/l	99
36) 1,1-Dichloropropene	7.911	75	86870	22.246	ug/l	98
37) Ethyl Acetate	7.069	43	63547	21.624	ug/l	96
38) Carbon Tetrachloride	7.899	117	100480	24.550	ug/l	98
39) Methylcyclohexane	9.185	83	97286	21.132	ug/l	97
40) Benzene	8.161	78	251926	22.902	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29455	21.509	ug/l	98
42) 1,2-Dichloroethane	8.234	62	87011	24.195	ug/l	99
43) Isopropyl Acetate	8.270	43	104812	21.131	ug/l	99
44) Trichloroethene	8.935	130	67122	22.940	ug/l	99
45) 1,2-Dichloropropane	9.215	63	64414	22.396	ug/l	100
46) Dibromomethane	9.301	93	38635	22.451	ug/l	100
47) Bromodichloromethane	9.496	83	93276	24.223	ug/l	99
48) Methyl methacrylate	9.295	41	50353	22.104	ug/l	95
49) 1,4-Dioxane	9.313	88	10963	446.051	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	309956	112.139	ug/l	96
52) Toluene	10.246	92	157836	23.844	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	96773	23.746	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	103855	22.647	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	54693	23.999	ug/l	98
56) Ethyl methacrylate	10.508	69	73174	23.144	ug/l	92
57) 1,3-Dichloropropane	10.788	76	90445	23.434	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	140950	118.886	ug/l	96
59) 2-Hexanone	10.831	43	234745	116.833	ug/l	96
60) Dibromochloromethane	10.983	129	68538	24.768	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53007	23.658	ug/l	99
64) Tetrachloroethene	10.721	164	61262	23.782	ug/l	96
65) Chlorobenzene	11.514	112	168762	22.869	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	68262	24.733	ug/l	98
67) Ethyl Benzene	11.593	91	295762	22.824	ug/l	100
68) m/p-Xylenes	11.703	106	232059	47.106	ug/l	98
69) o-Xylene	12.032	106	108375	23.261	ug/l	97
70) Styrene	12.044	104	186223	23.905	ug/l	100
71) Bromoform	12.209	173	46763	24.189	ug/l #	99
73) Isopropylbenzene	12.331	105	289376	20.899	ug/l	99
74) N-amyl acetate	12.142	43	93884	19.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	68933	20.367	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	90957	36.841	ug/l #	100
77) Bromobenzene	12.605	156	75033	22.364	ug/l	97
78) n-propylbenzene	12.672	91	363575	21.317	ug/l	98
79) 2-Chlorotoluene	12.757	91	203222	21.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	249119	22.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23965	19.856	ug/l	95
82) 4-Chlorotoluene	12.855	91	214176	21.575	ug/l	98
83) tert-Butylbenzene	13.074	119	212715	21.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	247253	22.503	ug/l	99
85) sec-Butylbenzene	13.251	105	318070	21.645	ug/l	100
86) p-Isopropyltoluene	13.367	119	266134	22.521	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	144642	22.629	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	146225	22.646	ug/l	99
89) n-Butylbenzene	13.696	91	249221	21.608	ug/l	99
90) Hexachloroethane	13.958	117	54589	21.949	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	131244	22.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13429	22.466	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	81078	23.560	ug/l	99
94) Hexachlorobutadiene	15.111	225	52359	26.142	ug/l	99
95) Naphthalene	15.239	128	165839	22.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74709	24.357	ug/l	99

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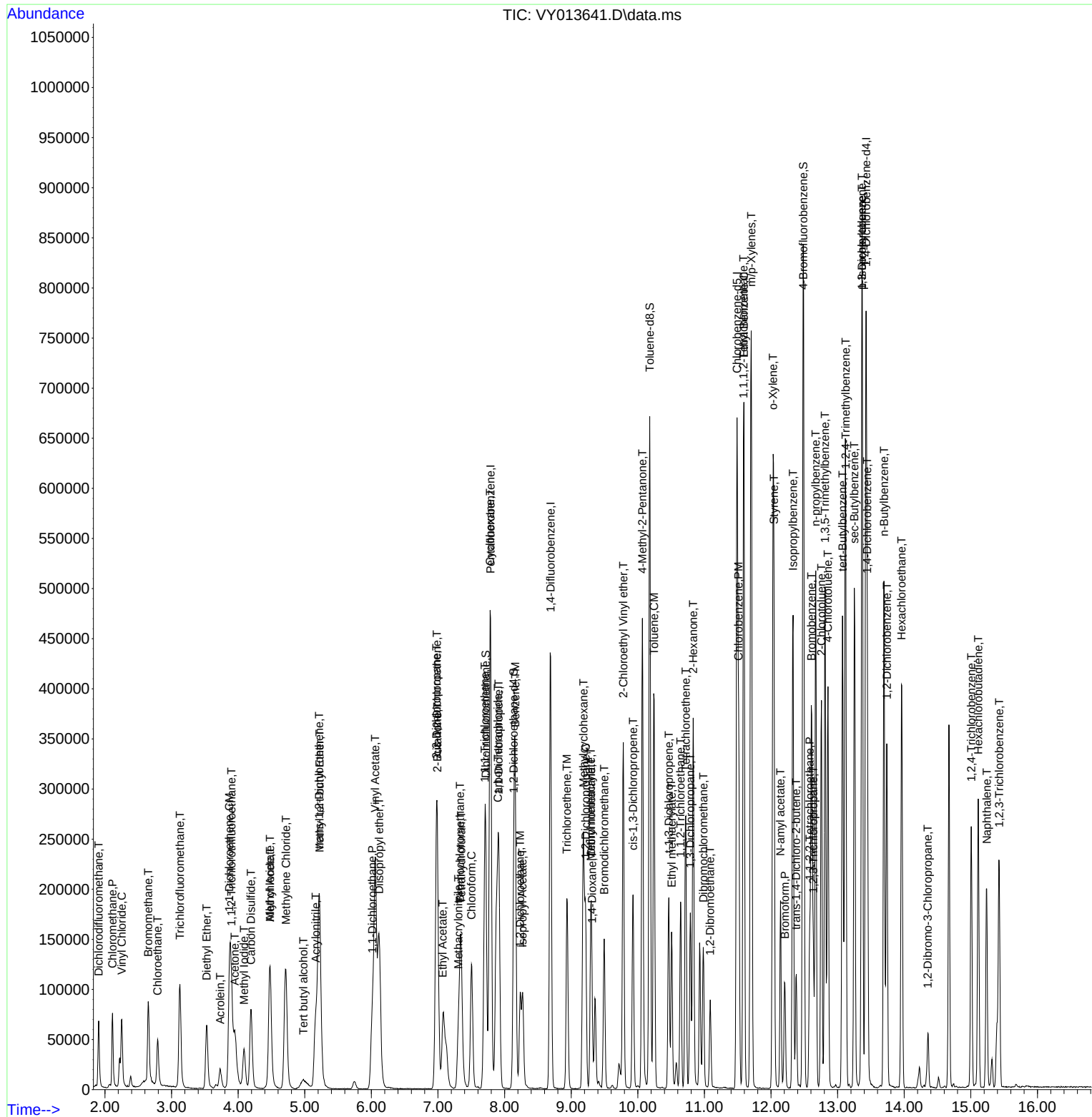
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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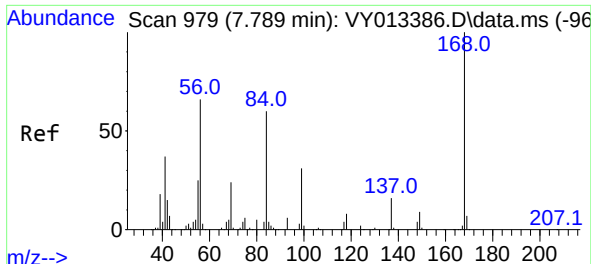
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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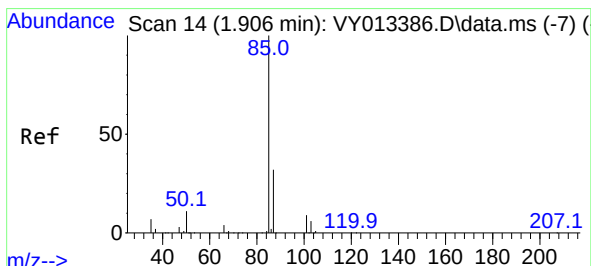
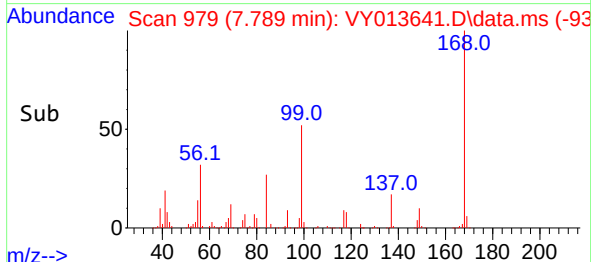
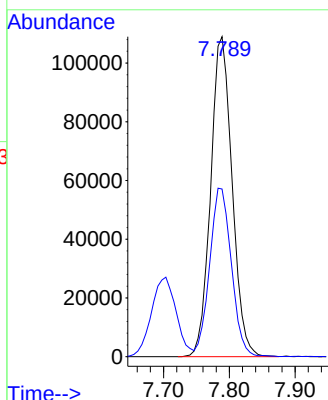
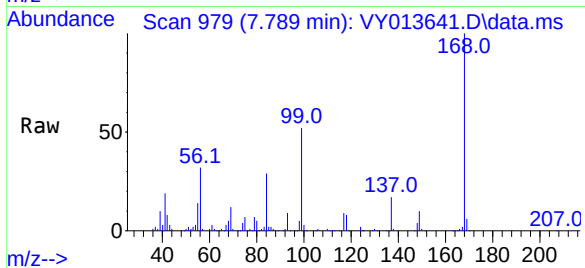




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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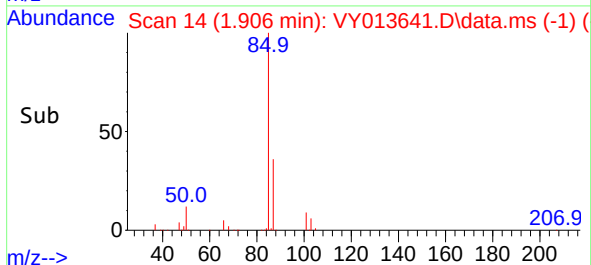
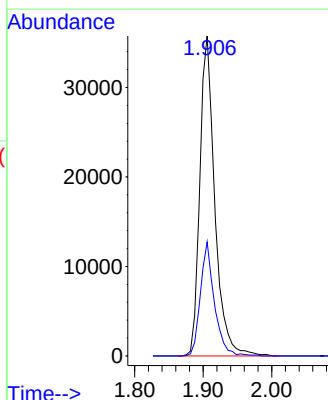
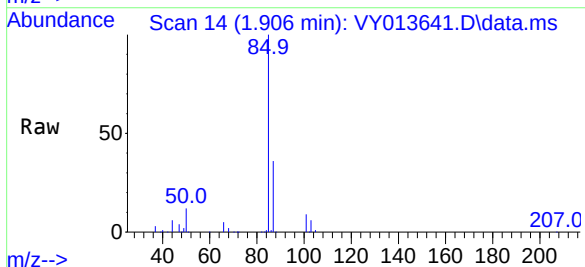
Instrument :
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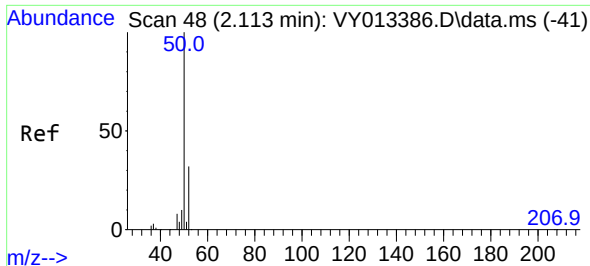
Tgt Ion:168 Resp: 247523
Ion Ratio Lower Upper
168 100
99 52.3 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.134 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 85 Resp: 54438
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2

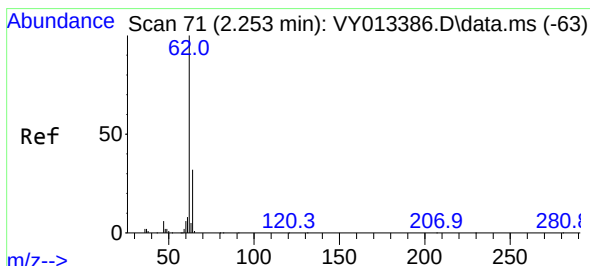
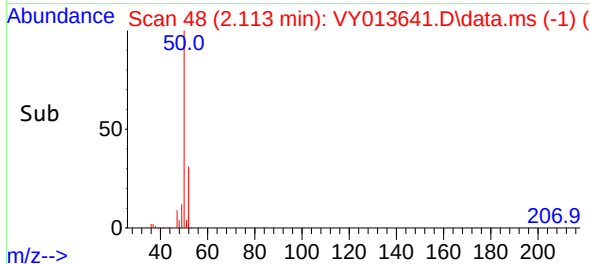
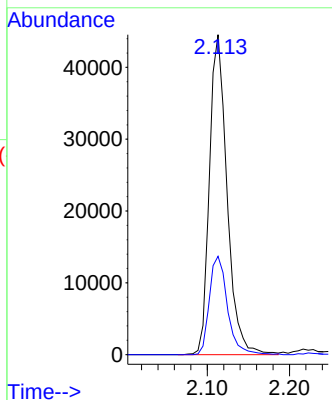
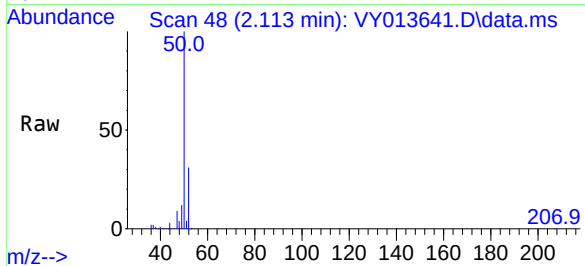




#3
Chloromethane
Concen: 21.036 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

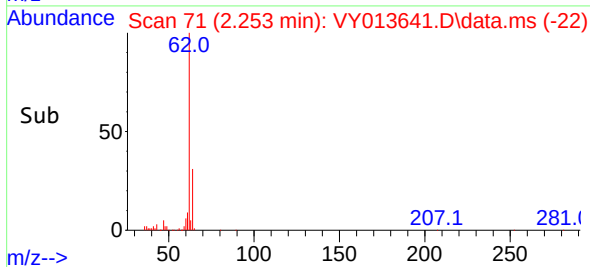
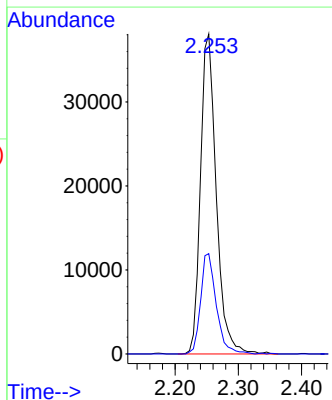
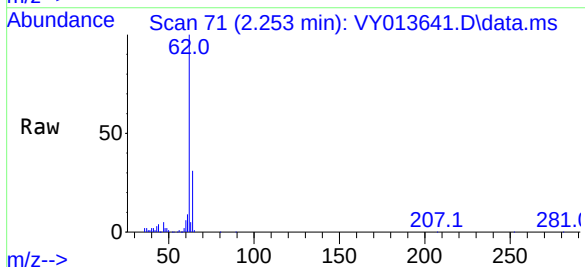
Instrument :
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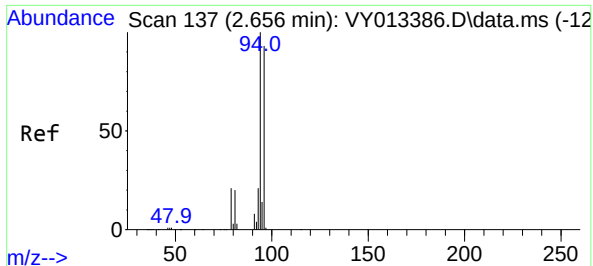
Tgt Ion: 50 Resp: 66352
Ion Ratio Lower Upper
50 100
52 30.8 25.9 38.9



#4
Vinyl Chloride
Concen: 21.053 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 62 Resp: 66120
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

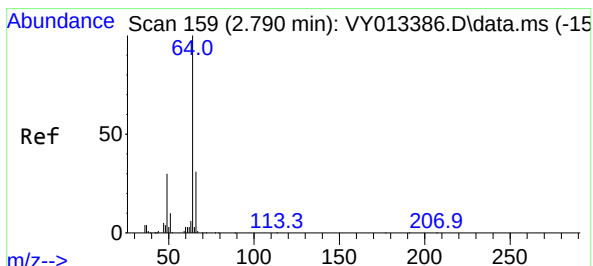
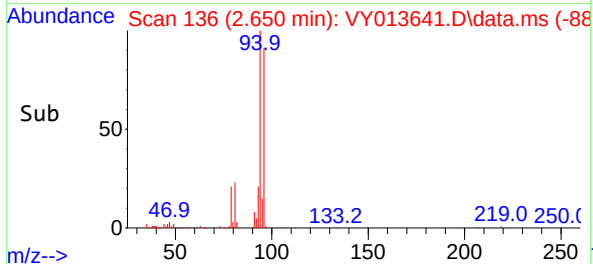
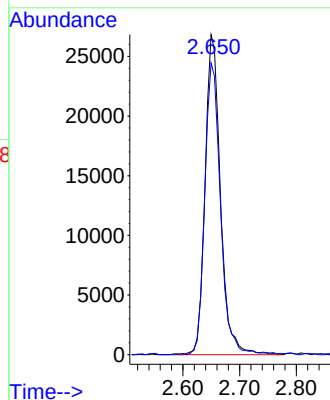
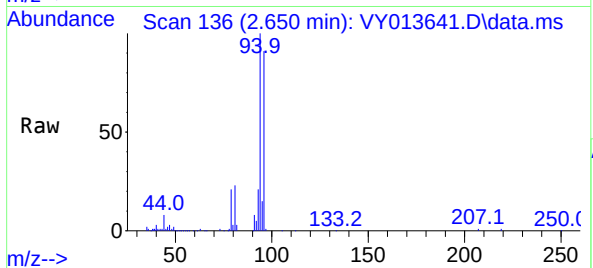




#5
Bromomethane
Concen: 20.139 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013641.D
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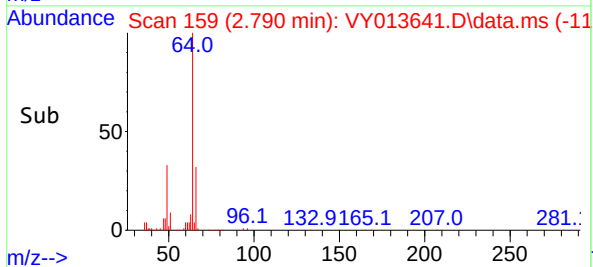
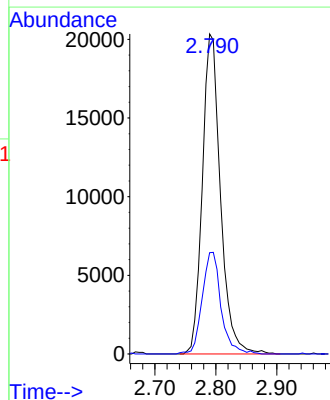
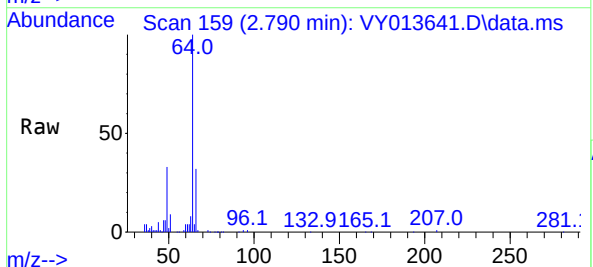
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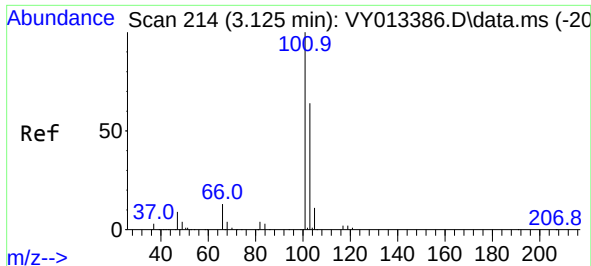
Tgt Ion: 94 Resp: 50403
Ion Ratio Lower Upper
94 100
96 90.9 74.2 111.2



#6
Chloroethane
Concen: 19.389 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013641.D
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Tgt Ion: 64 Resp: 42068
Ion Ratio Lower Upper
64 100
66 31.7 24.6 37.0

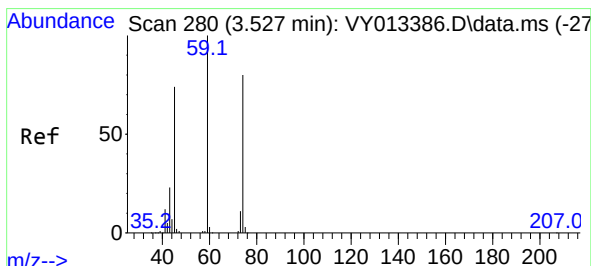
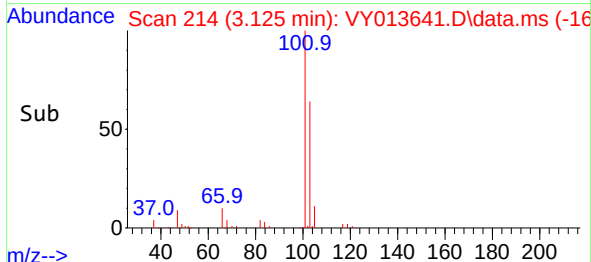
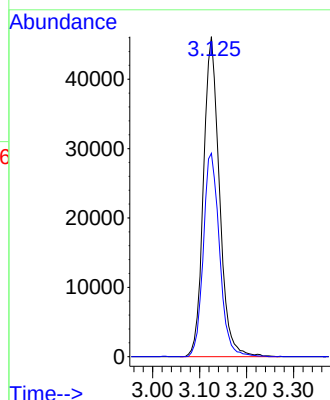
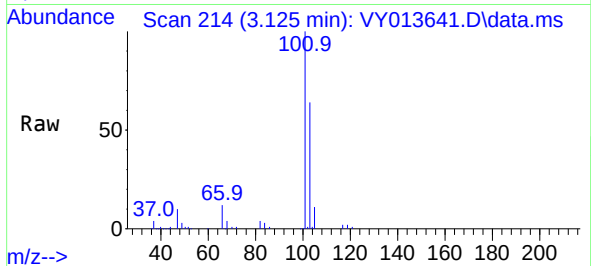




#7
Trichlorofluoromethane
Concen: 22.855 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

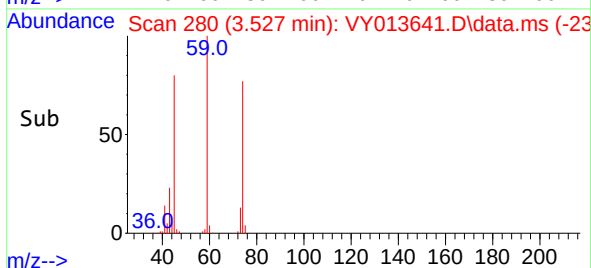
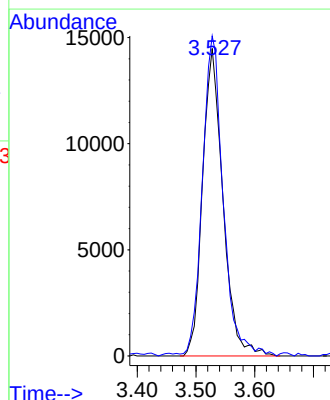
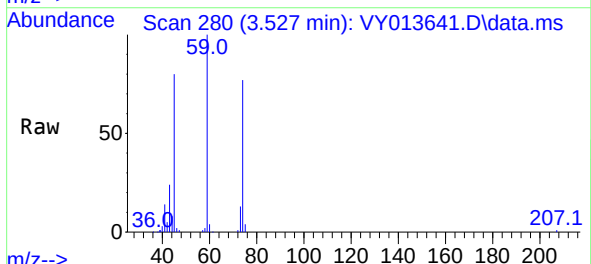
Instrument :
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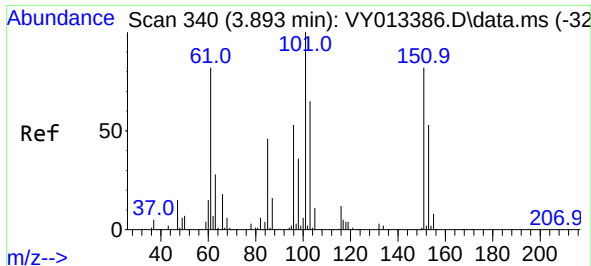
Tgt Ion:101 Resp: 108740
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4



#8
Diethyl Ether
Concen: 21.554 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013641.D
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Tgt Ion: 74 Resp: 34922
Ion Ratio Lower Upper
74 100
45 106.2 48.2 144.6

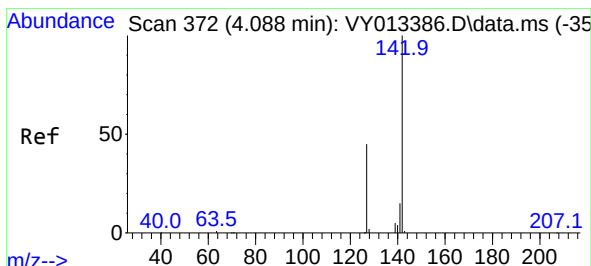
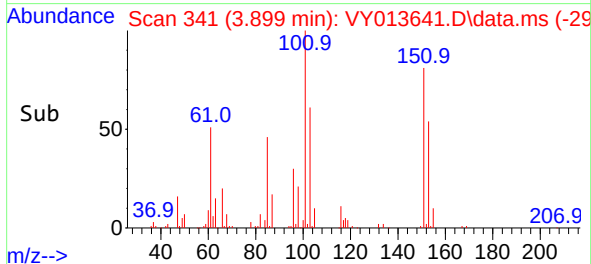
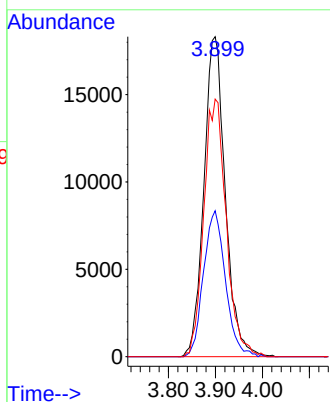
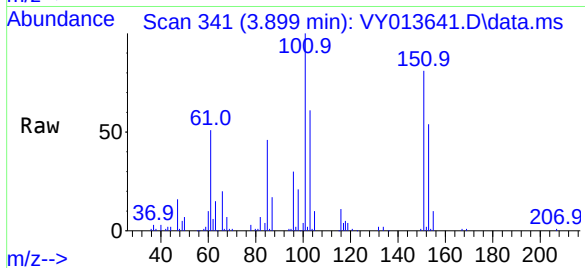




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.706 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

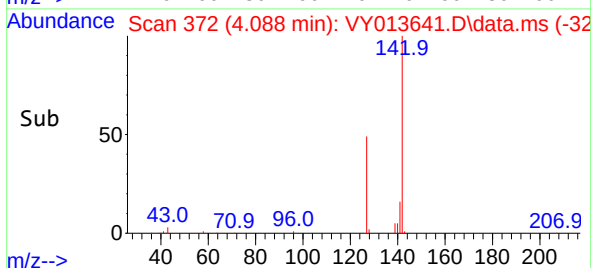
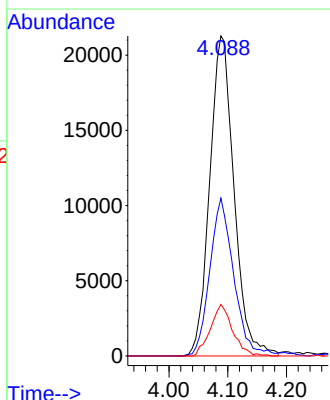
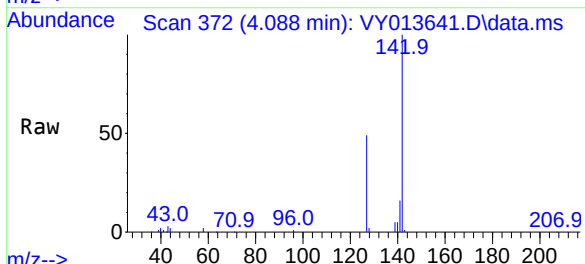
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

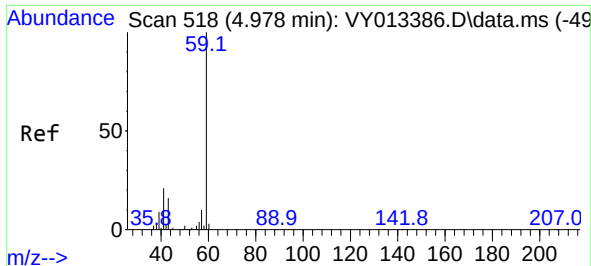
Tgt Ion:101 Resp: 57928
Ion Ratio Lower Upper
101 100
85 46.8 35.6 53.4
151 84.4 68.0 102.0



#10
Methyl Iodide
Concen: 18.259 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:142 Resp: 61203
Ion Ratio Lower Upper
142 100
127 48.4 36.1 54.1
141 14.7 11.6 17.4

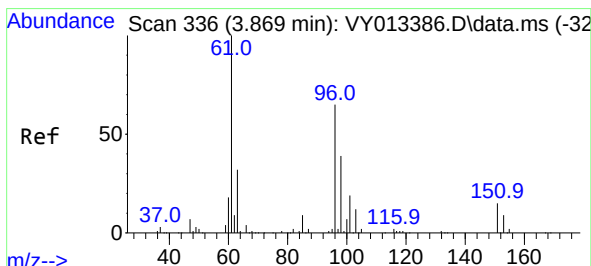
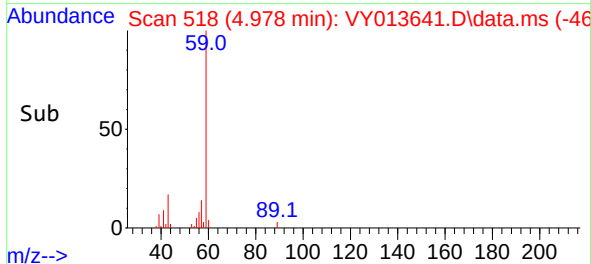
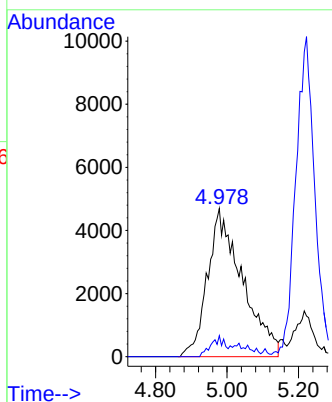
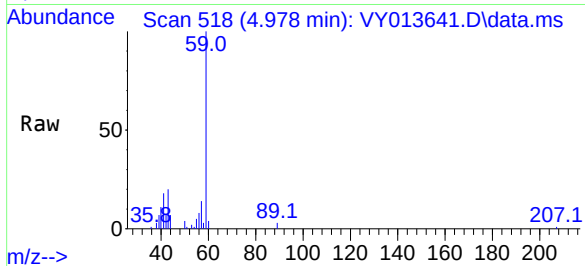




#11
Tert butyl alcohol
Concen: 103.885 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

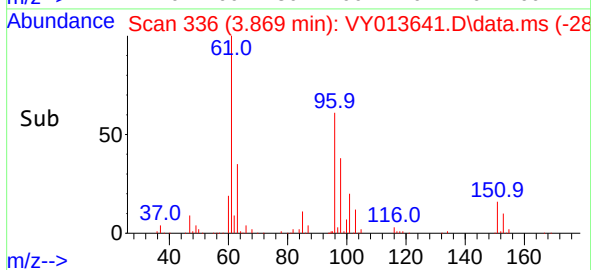
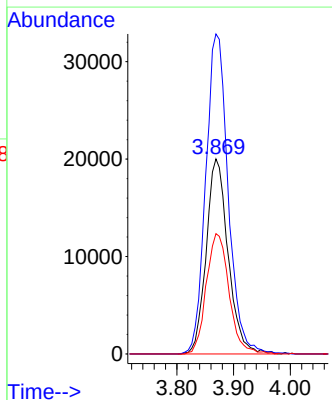
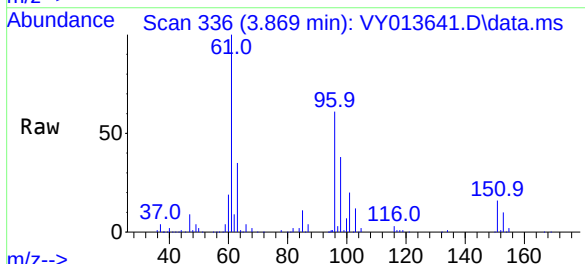
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

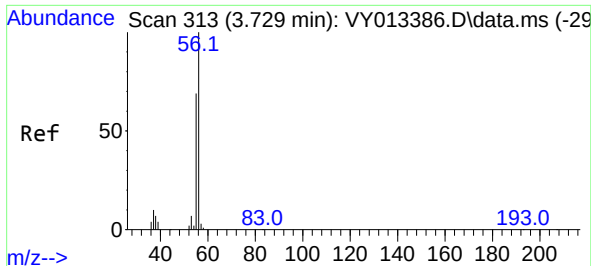
Tgt Ion: 59 Resp: 31633
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.947 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 96 Resp: 53886
Ion Ratio Lower Upper
96 100
61 164.1 123.9 185.9
98 61.7 48.9 73.3

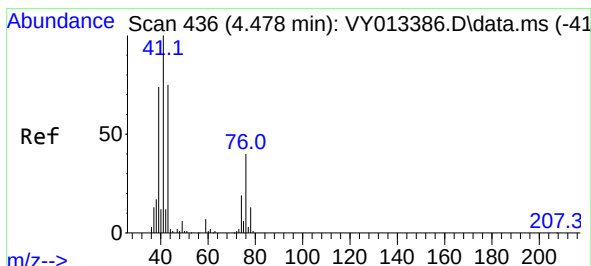
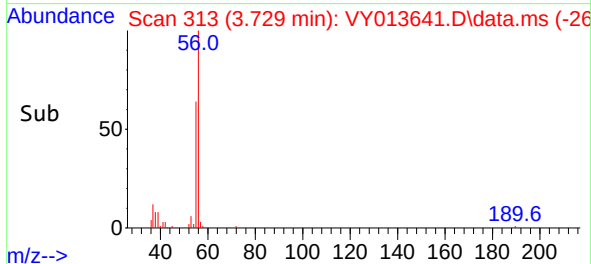
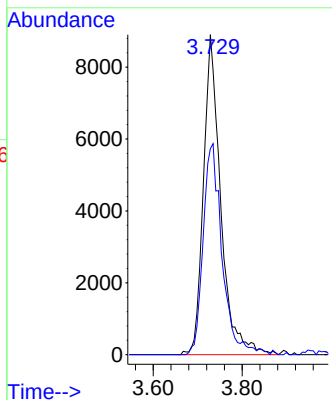
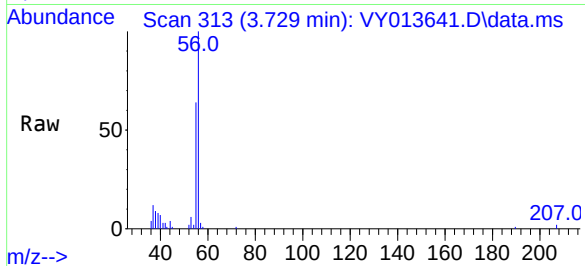




#13
Acrolein
Concen: 96.302 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

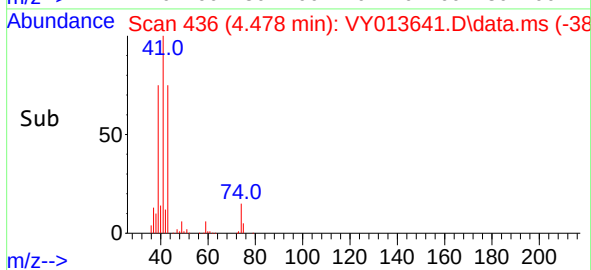
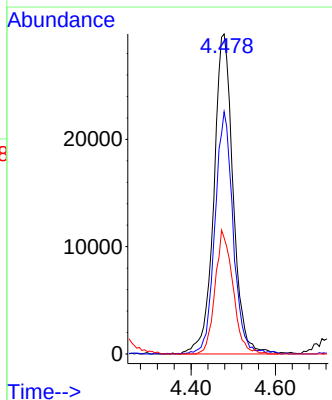
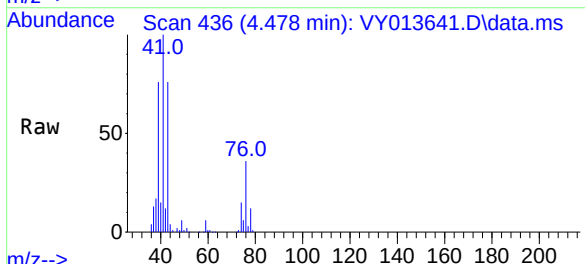
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

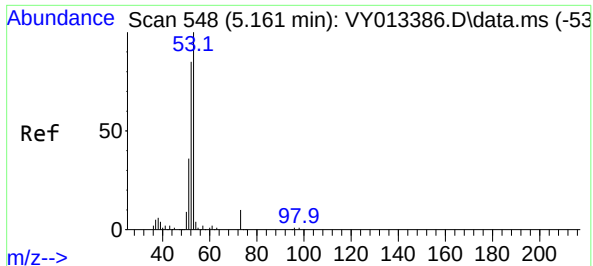
Tgt Ion: 56 Resp: 24122
Ion Ratio Lower Upper
56 100
55 72.3 54.1 81.1



#14
Allyl chloride
Concen: 19.798 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 41 Resp: 94503
Ion Ratio Lower Upper
41 100
39 71.4 56.6 85.0
76 35.7 30.5 45.7

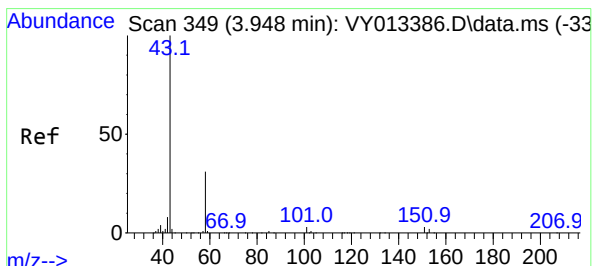
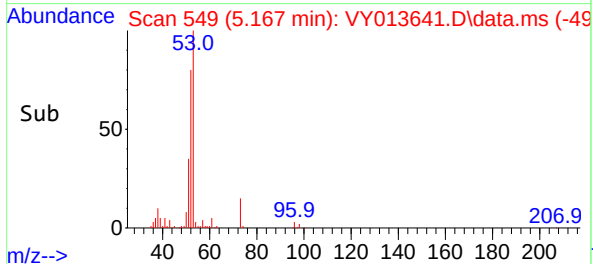
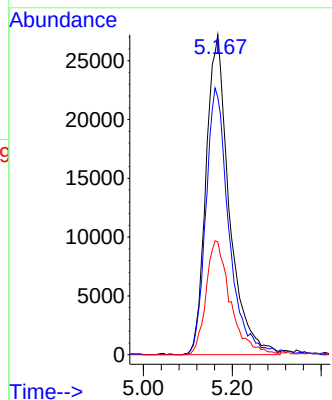
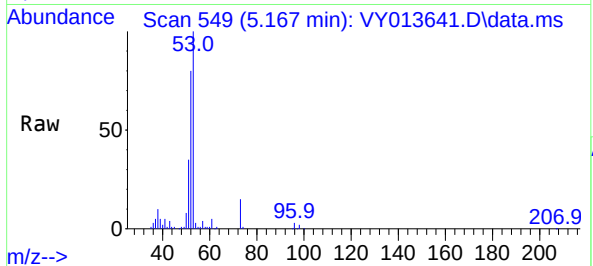




#15
Acrylonitrile
Concen: 108.986 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

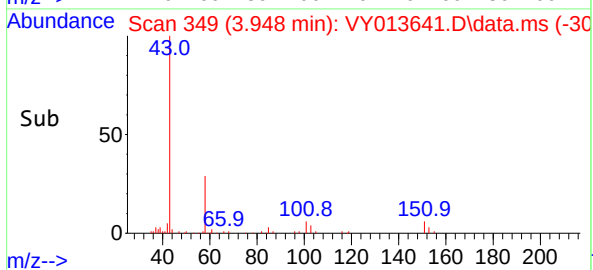
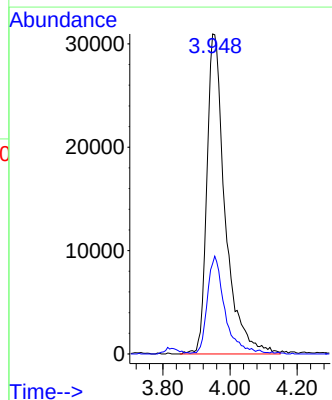
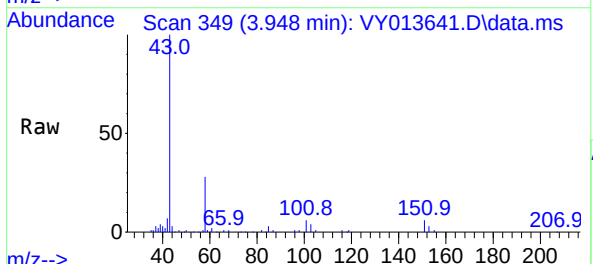
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

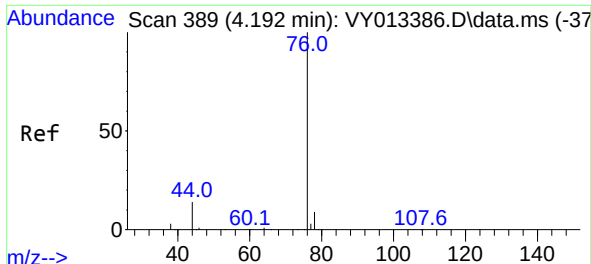
Tgt Ion: 53 Resp: 98890
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.0
51 37.3 29.3 43.9



#16
Acetone
Concen: 109.416 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 43 Resp: 116918
Ion Ratio Lower Upper
43 100
58 28.0 25.4 38.0

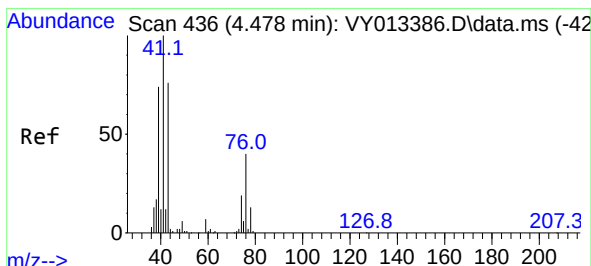
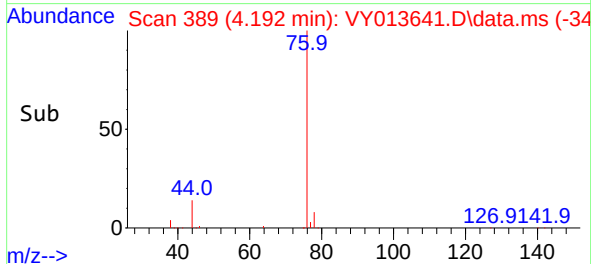
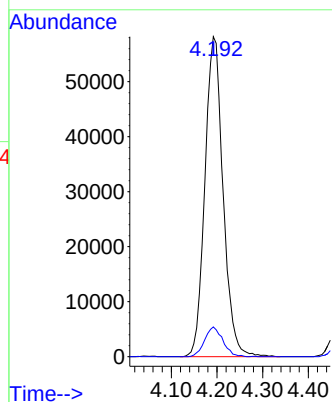
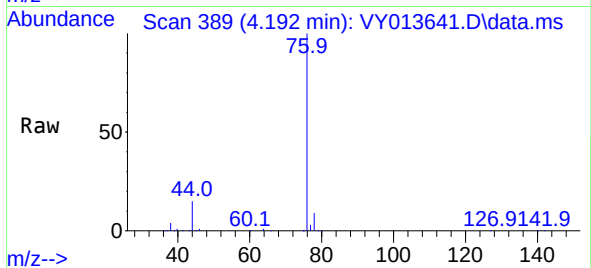




#17
Carbon Disulfide
Concen: 19.231 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

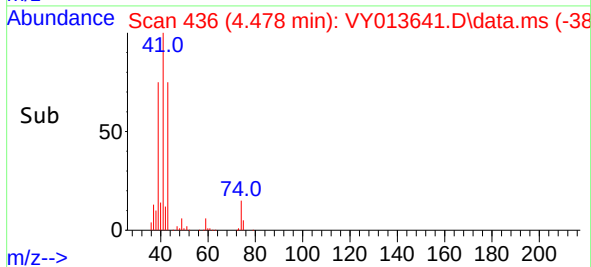
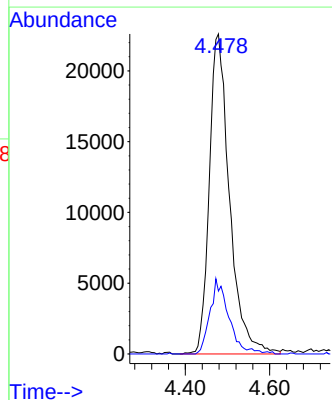
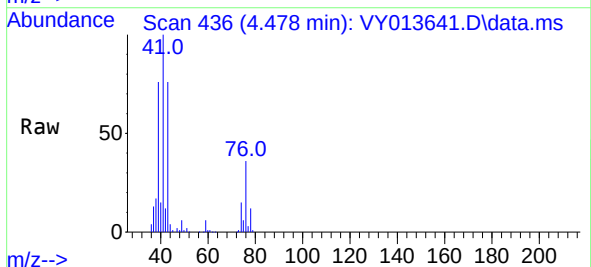
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

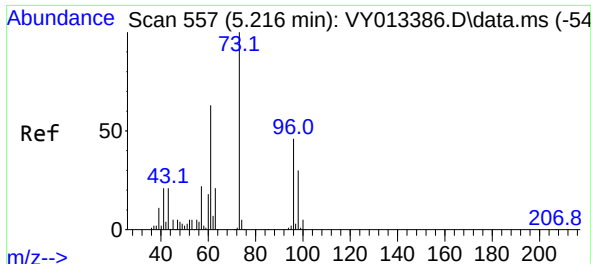
Tgt Ion: 76 Resp: 160701
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 21.324 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 43 Resp: 75256
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2

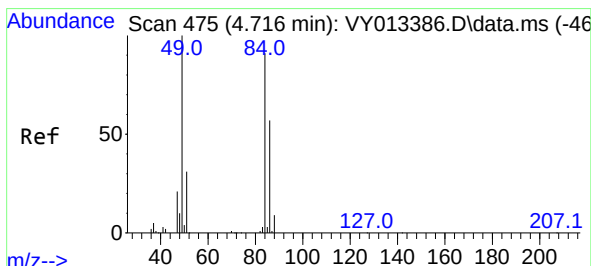
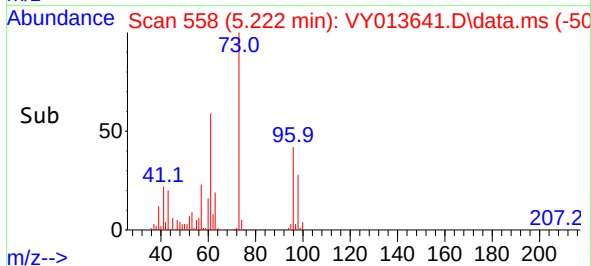
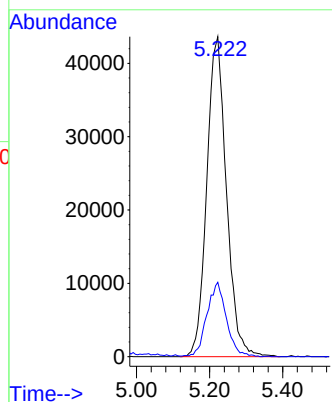
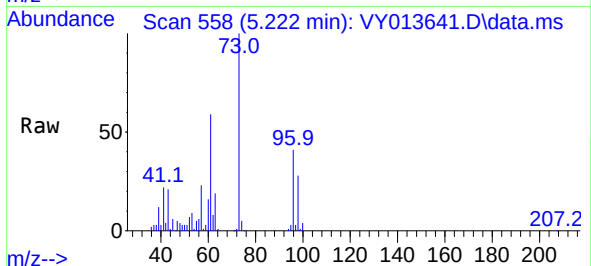




#19
Methyl tert-butyl Ether
Concen: 21.916 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

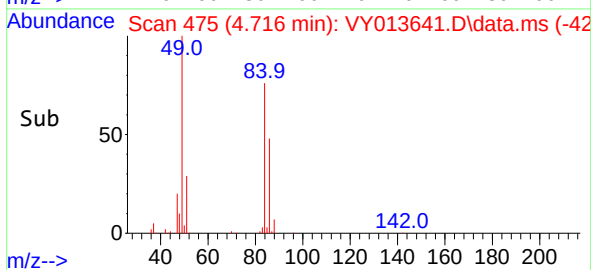
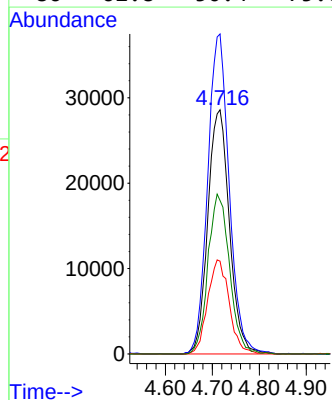
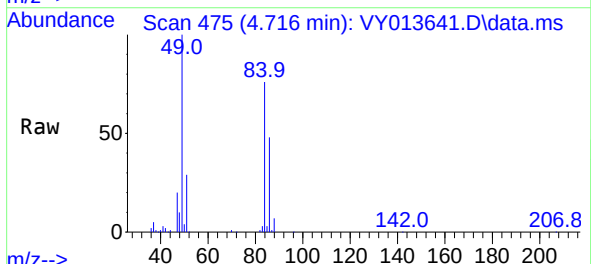
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

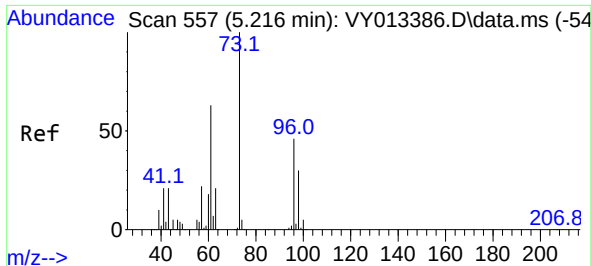
Tgt Ion: 73 Resp: 162765
Ion Ratio Lower Upper
73 100
57 23.2 17.8 26.8



#20
Methylene Chloride
Concen: 22.936 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 84 Resp: 91437
Ion Ratio Lower Upper
84 100
49 131.1 88.0 132.0
51 38.0 27.4 41.0
86 62.8 50.4 75.6

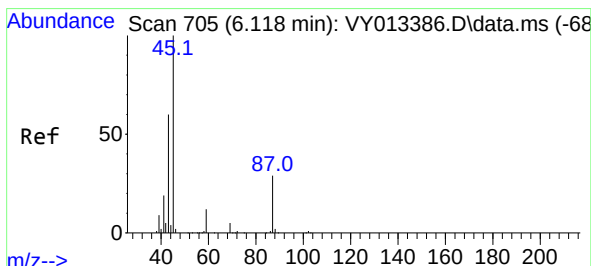
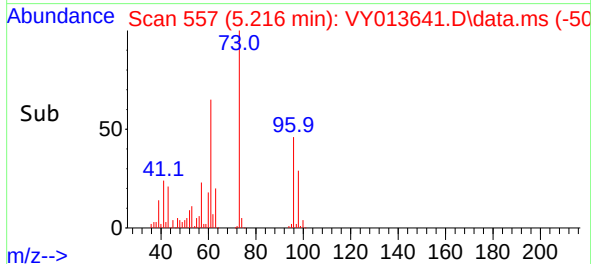
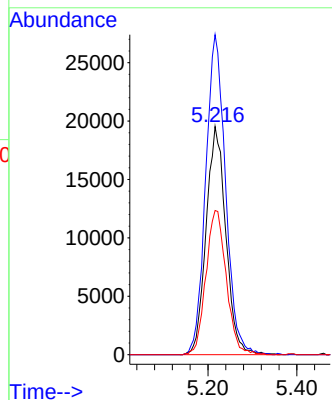
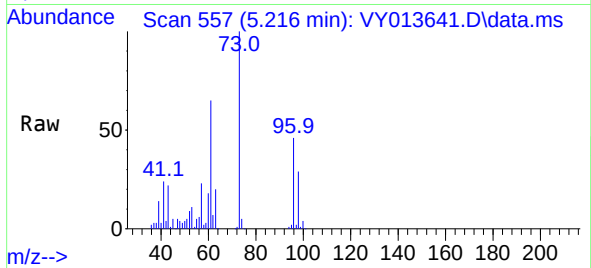




#21
trans-1,2-Dichloroethene
Concen: 21.436 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

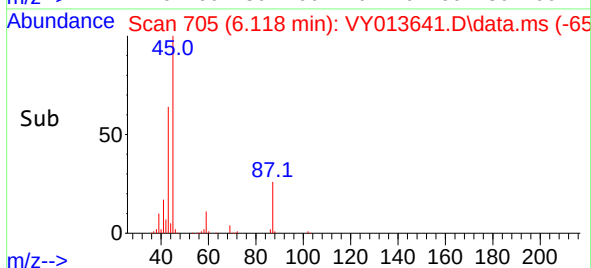
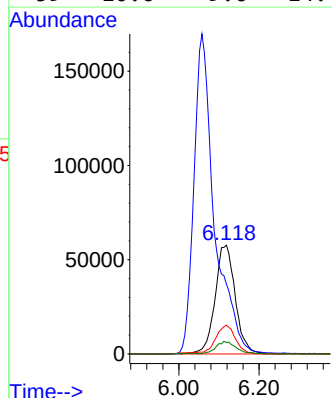
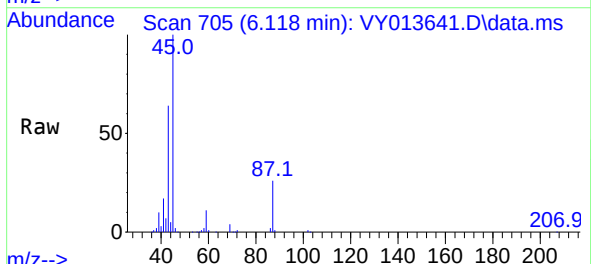
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

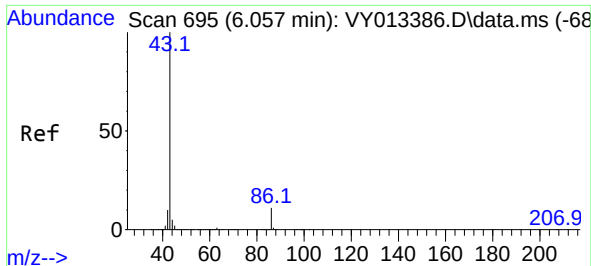
Tgt Ion: 96 Resp: 60292
Ion Ratio Lower Upper
96 100
61 140.2 110.6 165.8
98 63.2 53.1 79.7



#22
Diisopropyl ether
Concen: 21.598 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 45 Resp: 201500
Ion Ratio Lower Upper
45 100
43 63.5 48.4 72.6
87 26.4 23.8 35.6
59 10.6 9.6 14.4

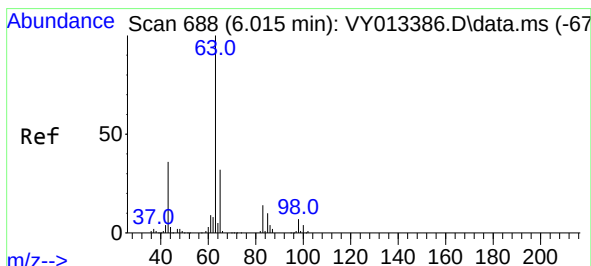
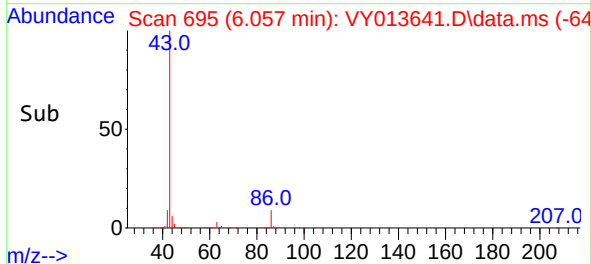
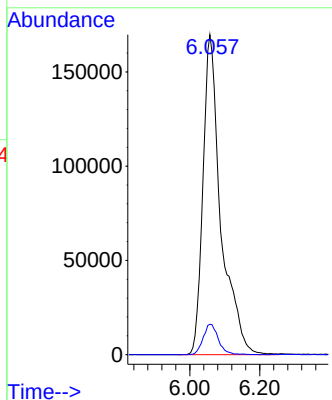
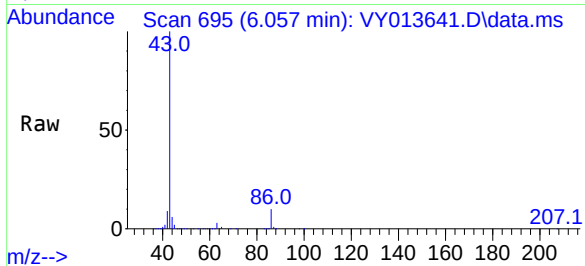




#23
 Vinyl Acetate
 Concen: 114.210 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013641.D
 Acq: 08 May 2023 12:07

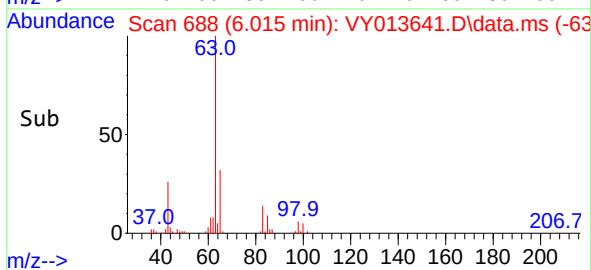
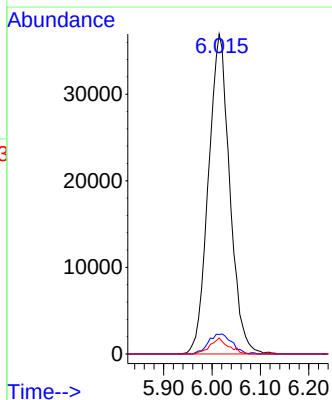
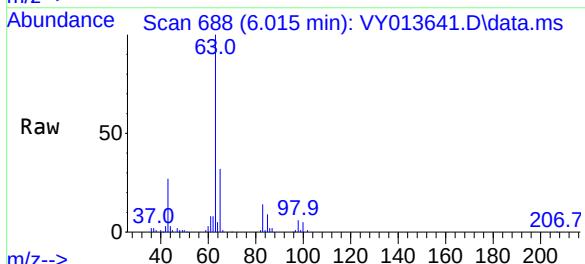
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

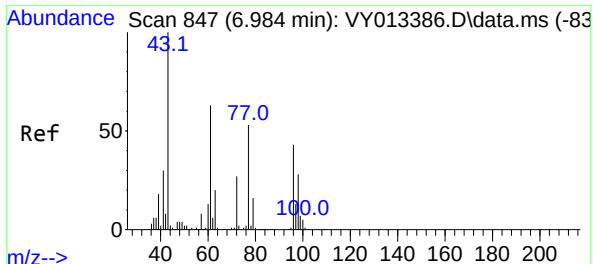
Tgt Ion: 43 Resp: 603302
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.756 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013641.D
 Acq: 08 May 2023 12:07

Tgt Ion: 63 Resp: 113125
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 5.0 2.2 6.6

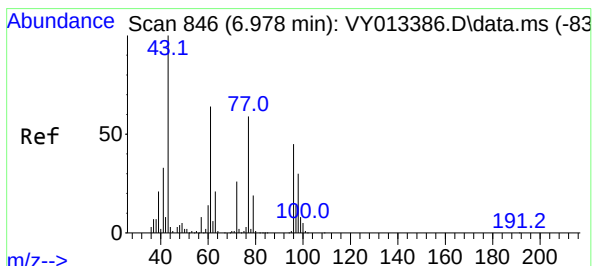
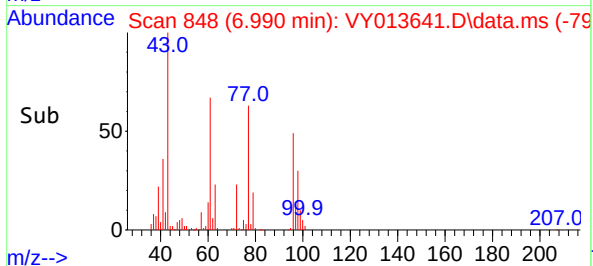
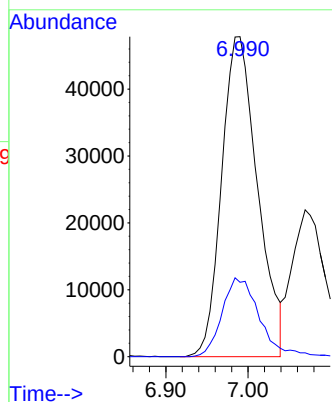
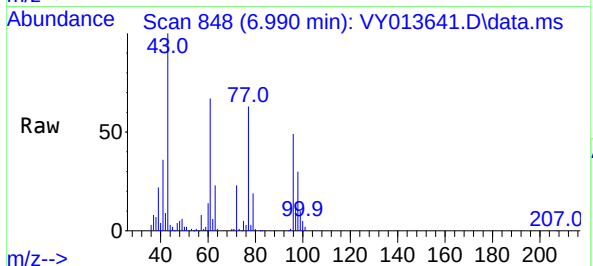




#25
2-Butanone
Concen: 107.296 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

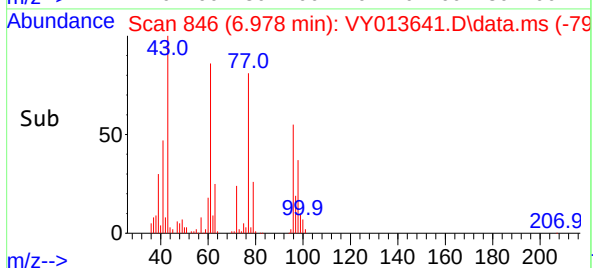
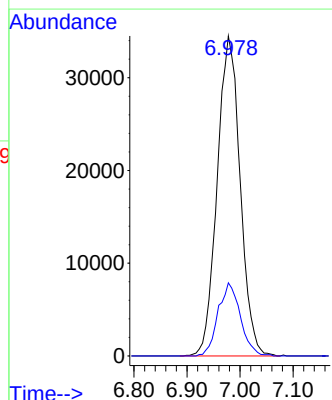
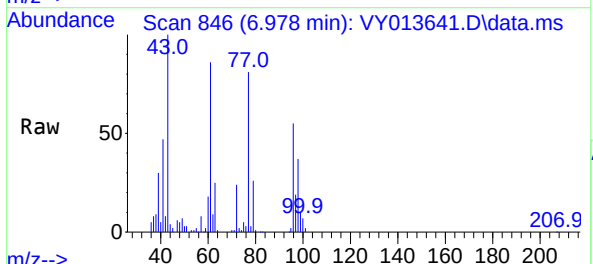
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

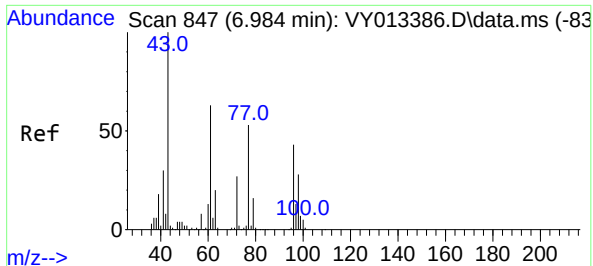
Tgt Ion: 43 Resp: 145404
Ion Ratio Lower Upper
43 100
72 23.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 23.153 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 77 Resp: 103740
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4

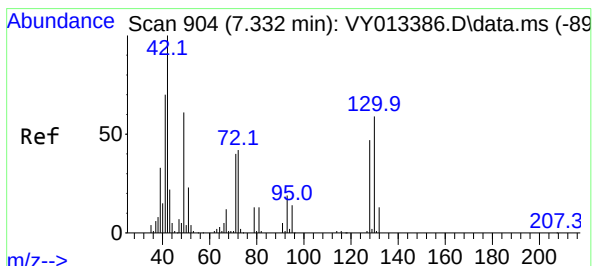
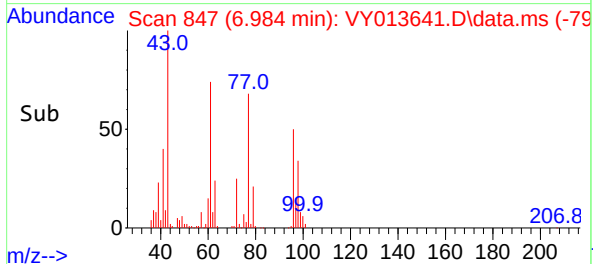
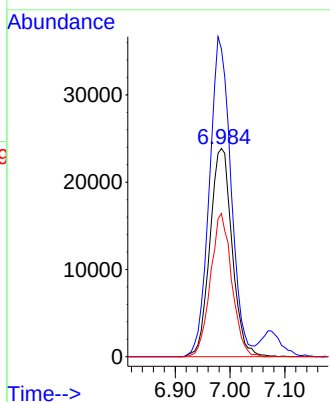
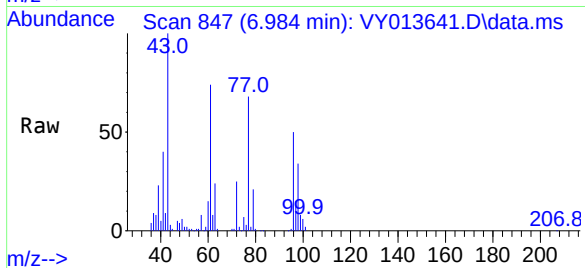




#27
cis-1,2-Dichloroethene
Concen: 21.592 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

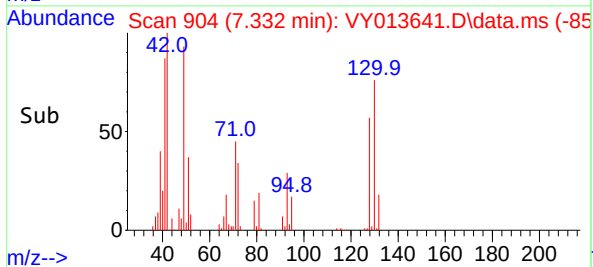
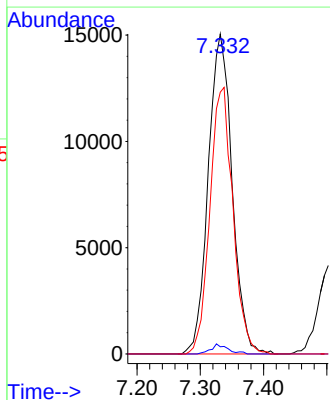
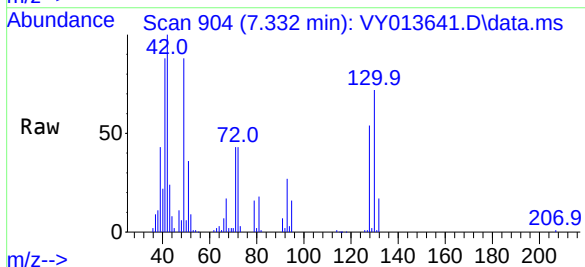
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

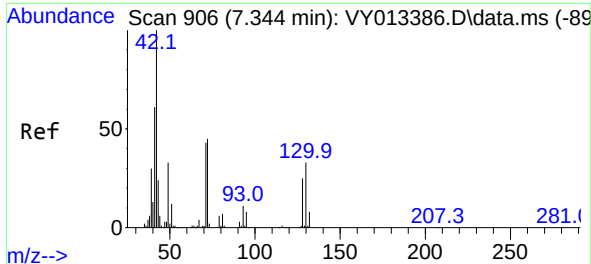
Tgt Ion: 96 Resp: 67099
Ion Ratio Lower Upper
96 100
61 149.2 0.0 285.0
98 65.8 0.0 130.6



#28
Bromochloromethane
Concen: 21.383 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 49 Resp: 39455
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 80.3 72.1 108.1





#29

Tetrahydrofuran

Concen: 101.924 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013641.D

Acq: 08 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

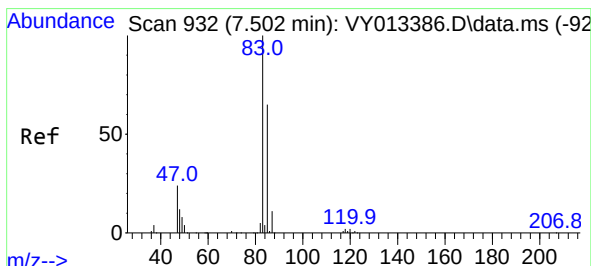
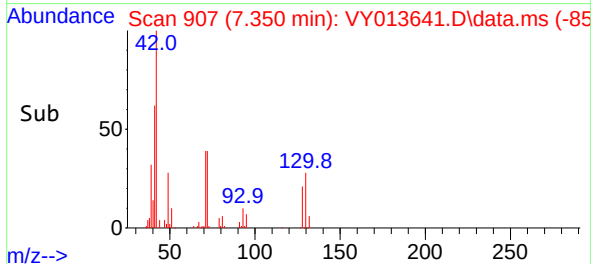
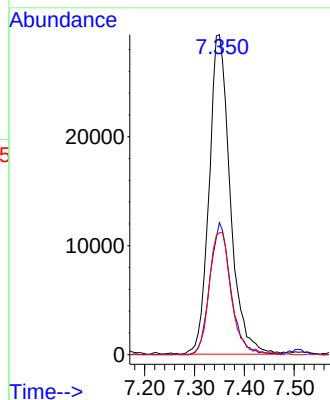
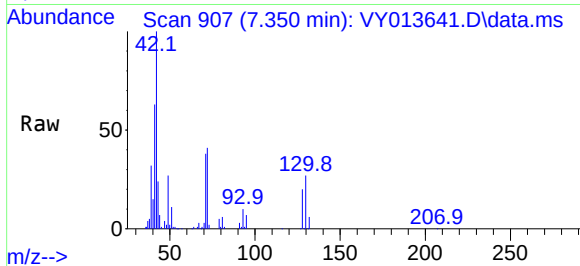
Tgt Ion: 42 Resp: 85980

Ion Ratio Lower Upper

42 100

72 41.0 35.9 53.9

71 39.9 34.3 51.5



#30

Chloroform

Concen: 23.493 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013641.D

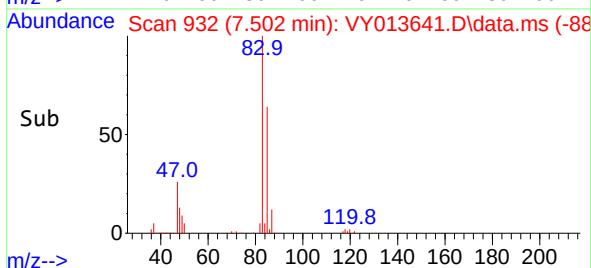
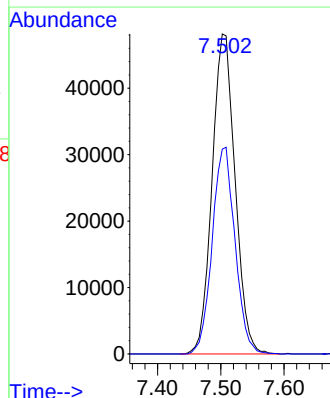
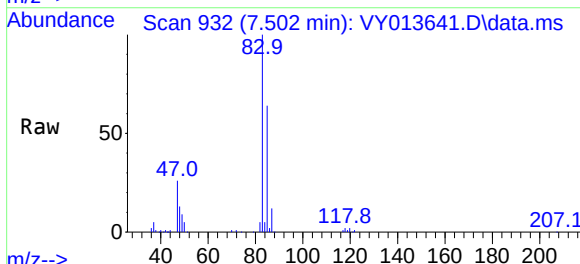
Acq: 08 May 2023 12:07

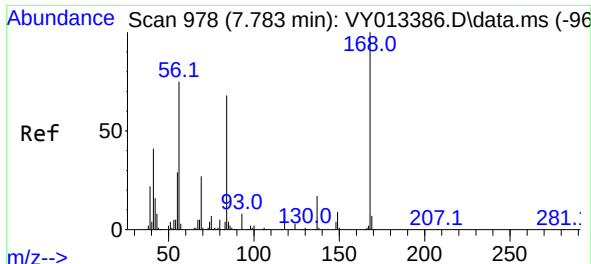
Tgt Ion: 83 Resp: 121457

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

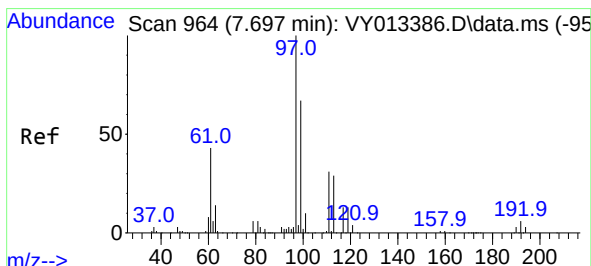
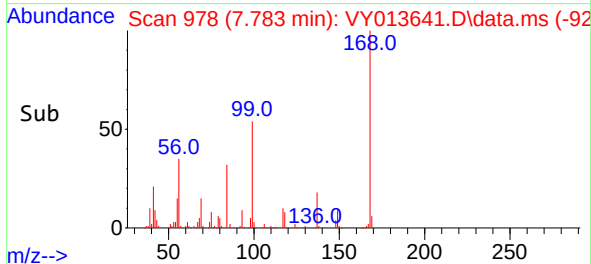
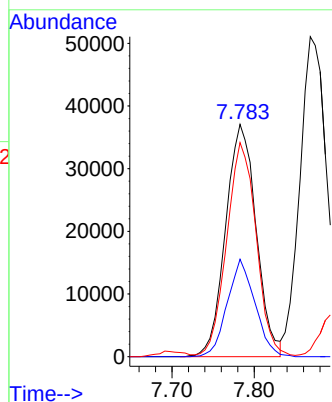
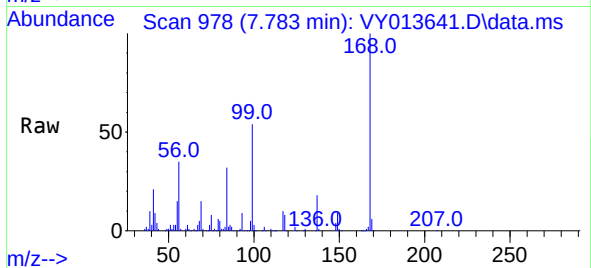




#31
Cyclohexane
Concen: 19.754 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

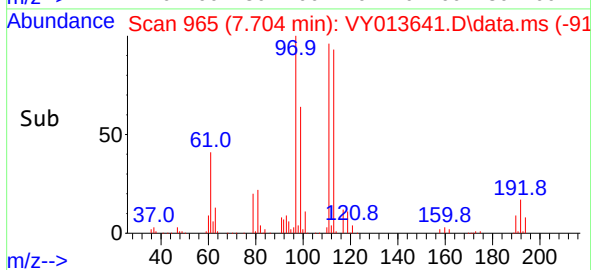
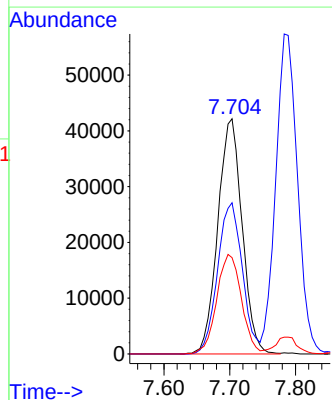
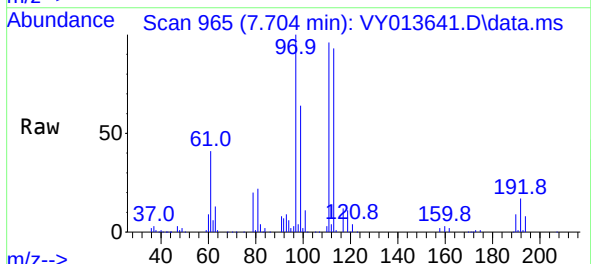
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

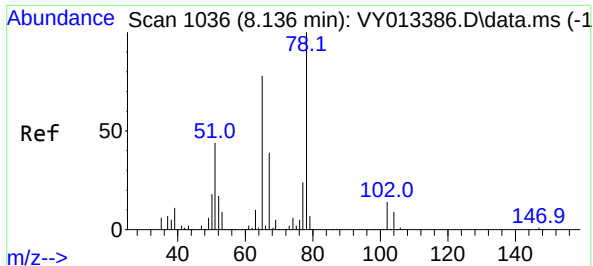
Tgt Ion: 56 Resp: 95965
Ion Ratio Lower Upper
56 100
69 41.7 29.2 43.8
84 90.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 23.543 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 97 Resp: 108611
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.2
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.850 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013641.D

Acq: 08 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

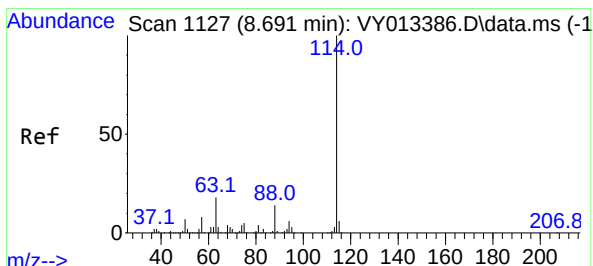
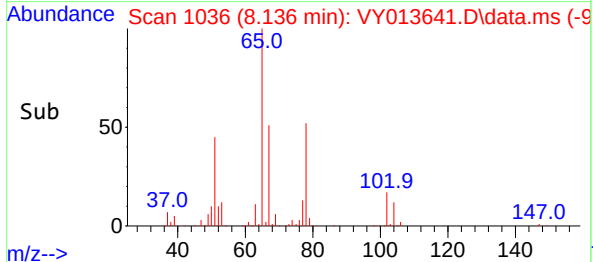
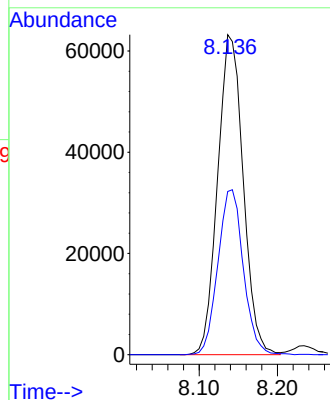
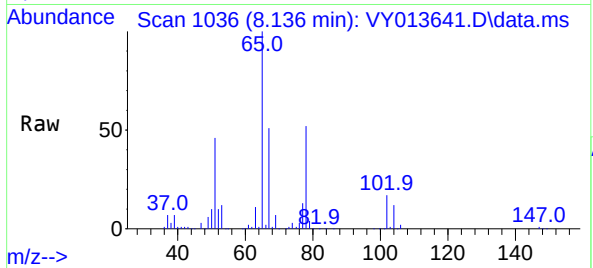
VY0508SBS01

Tgt Ion: 65 Resp: 143404

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013641.D

Acq: 08 May 2023 12:07

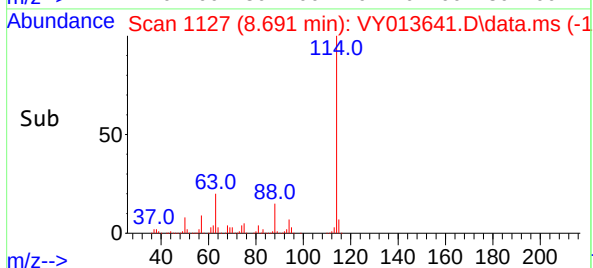
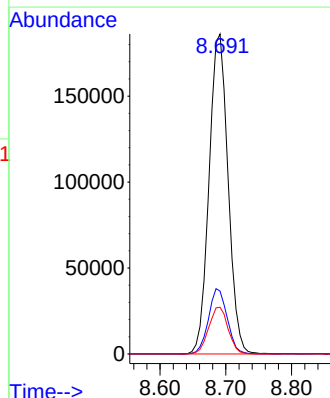
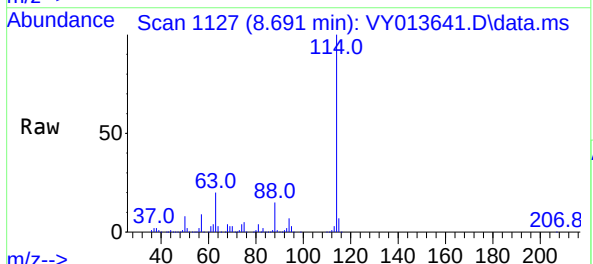
Tgt Ion: 114 Resp: 374104

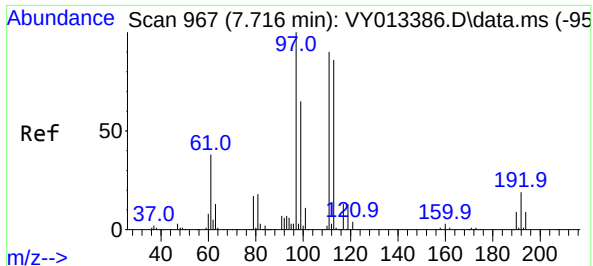
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

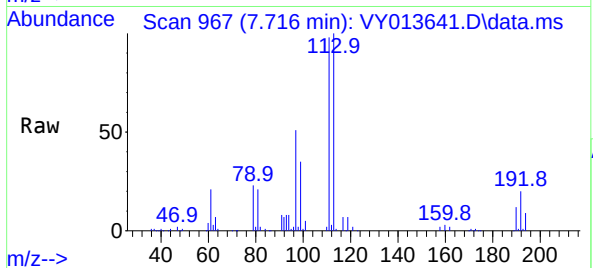
88 14.6 0.0 28.8



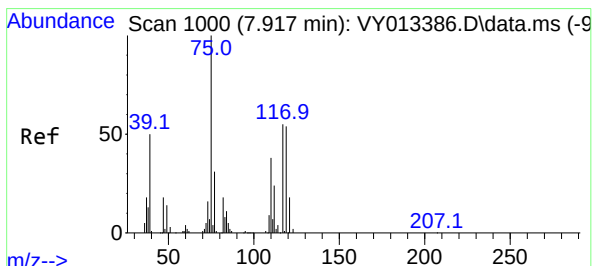
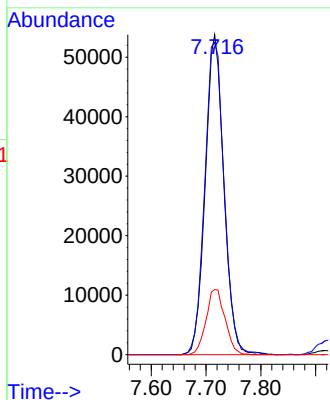
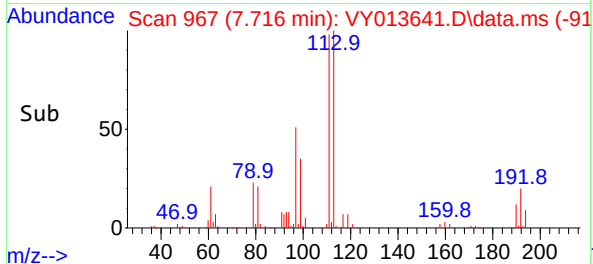


#35
Dibromofluoromethane
Concen: 53.708 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

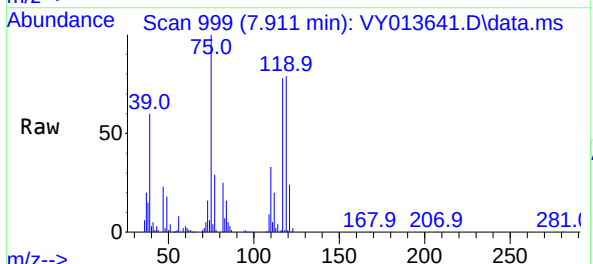
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01



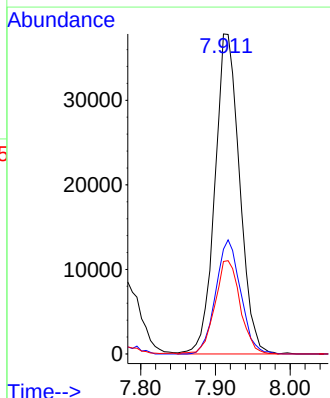
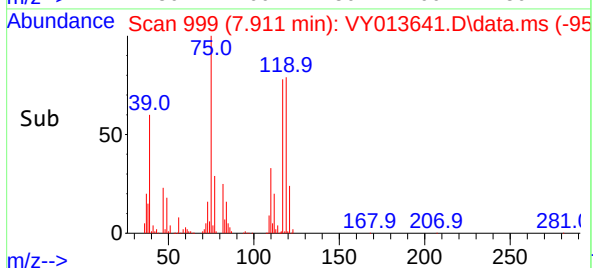
Tgt Ion:113 Resp: 126373
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.8 16.7 25.1

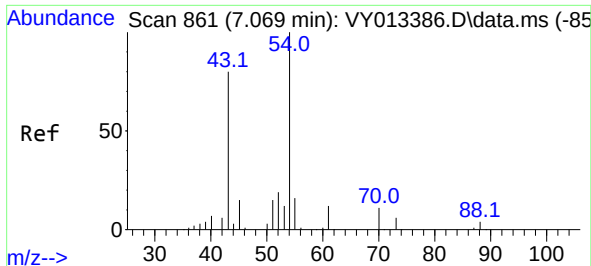


#36
1,1-Dichloropropene
Concen: 22.246 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07



Tgt Ion: 75 Resp: 86870
Ion Ratio Lower Upper
75 100
110 35.9 18.7 56.1
77 29.8 24.6 37.0

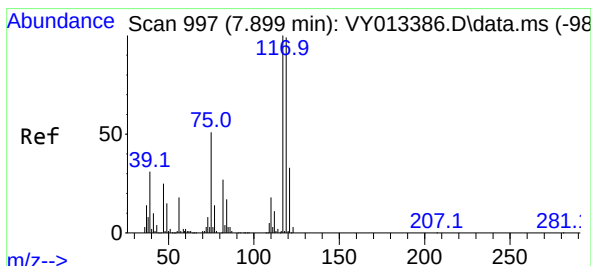
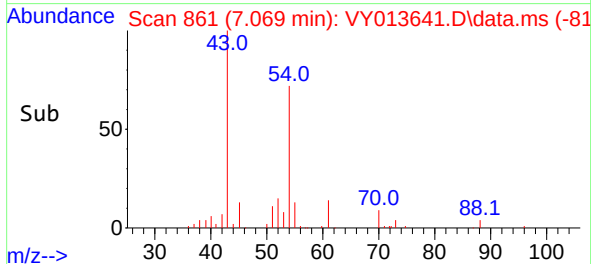
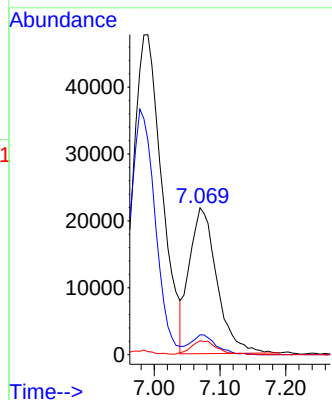
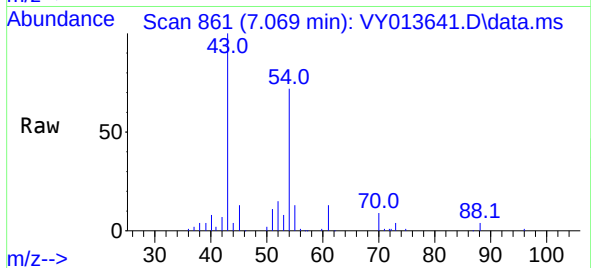




#37
Ethyl Acetate
Concen: 21.624 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

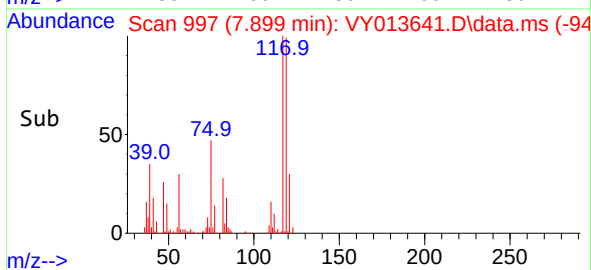
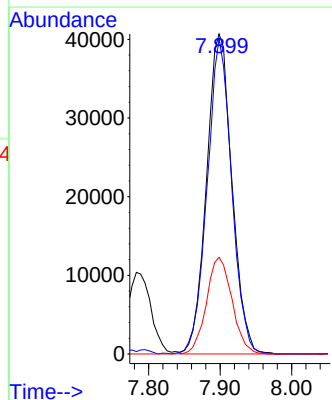
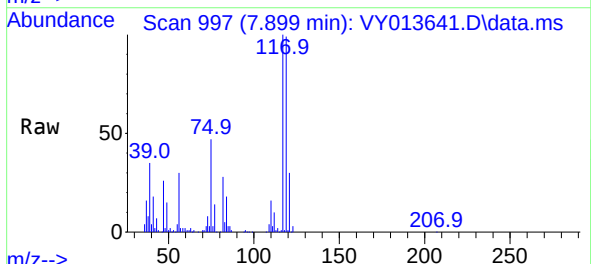
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

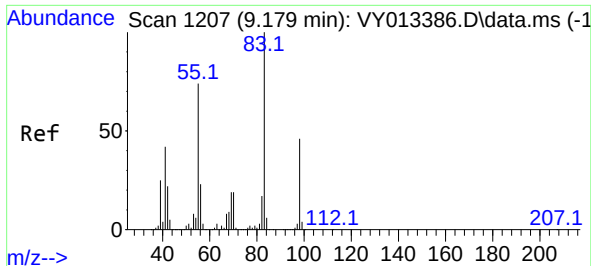
Tgt Ion: 43 Resp: 63547
Ion Ratio Lower Upper
43 100
61 12.2 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 24.550 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 117 Resp: 100480
Ion Ratio Lower Upper
117 100
119 98.5 79.0 118.6
121 30.2 26.6 40.0





#39

Methylcyclohexane

Concen: 21.132 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013641.D

Acq: 08 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

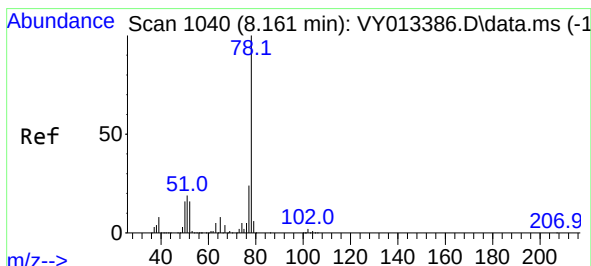
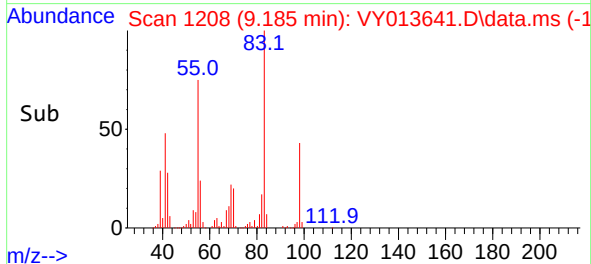
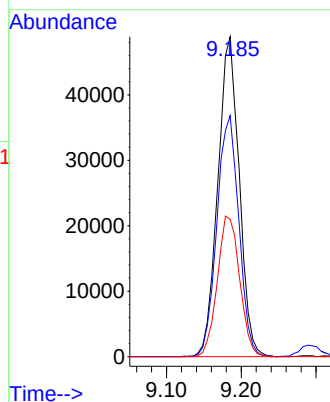
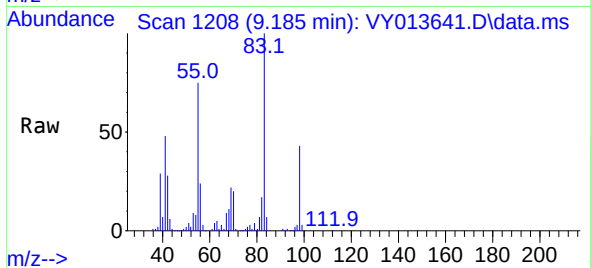
Tgt Ion: 83 Resp: 97286

Ion Ratio Lower Upper

83 100

55 75.3 59.0 88.4

98 42.9 37.0 55.4



#40

Benzene

Concen: 22.902 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013641.D

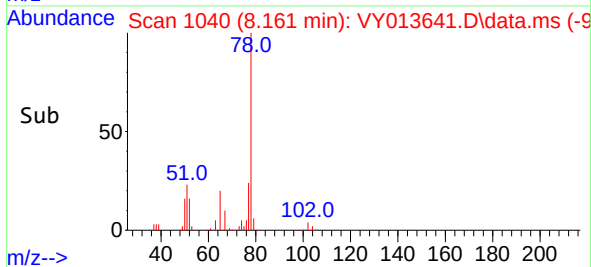
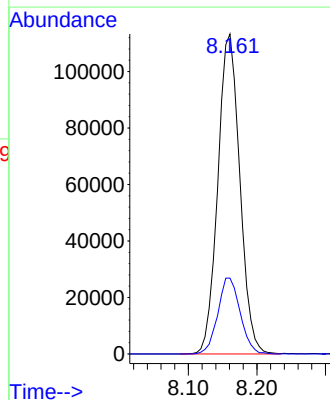
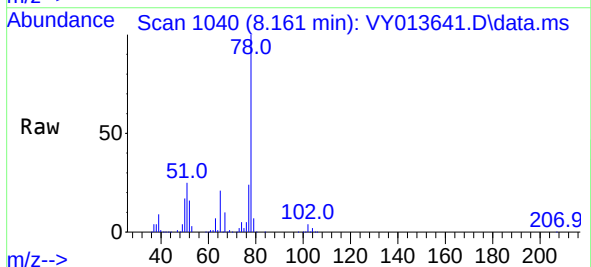
Acq: 08 May 2023 12:07

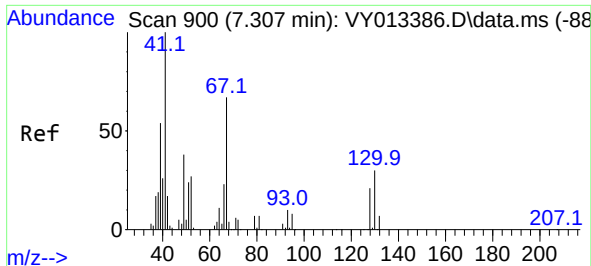
Tgt Ion: 78 Resp: 251926

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8



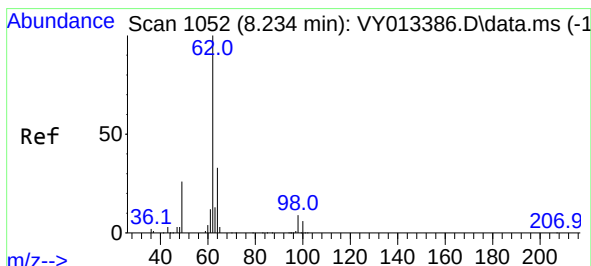
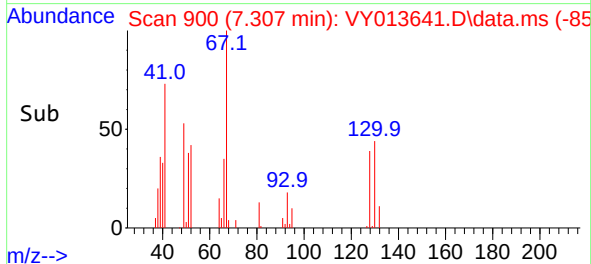
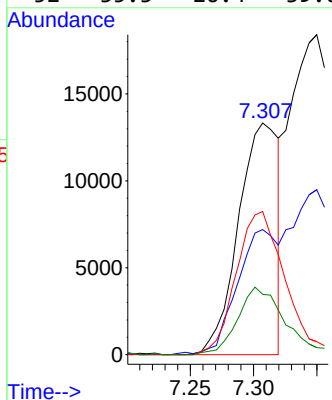
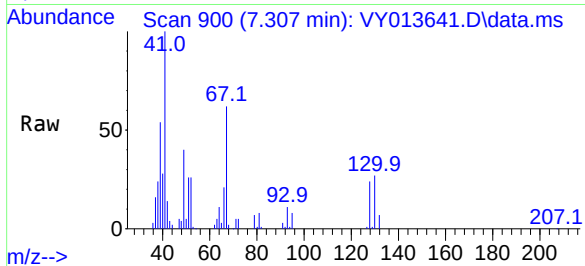


#41
Methacrylonitrile
Concen: 21.509 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion: 41 Resp: 29455

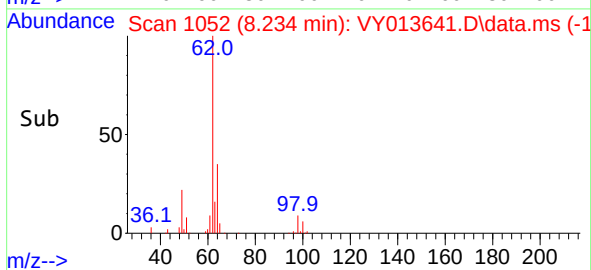
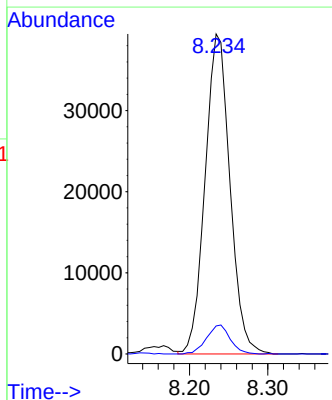
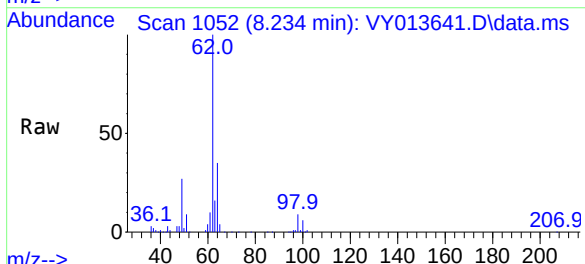
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.2	66.4
67	76.1	62.9	94.3
52	35.3	26.4	39.6

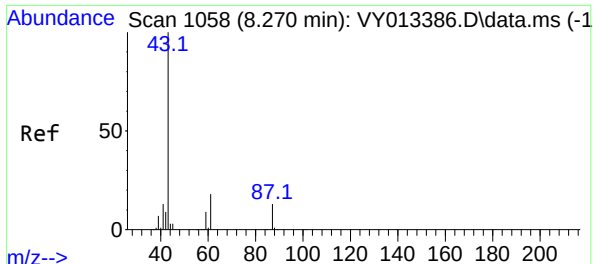


#42
1,2-Dichloroethane
Concen: 24.195 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 62 Resp: 87011

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8

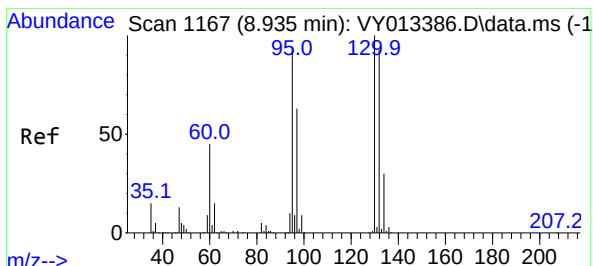
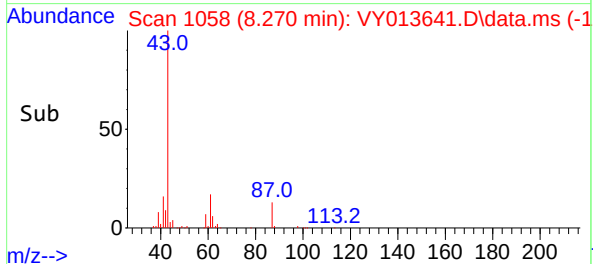
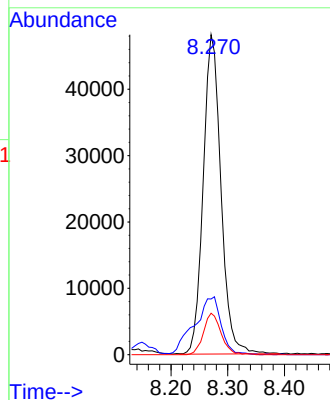
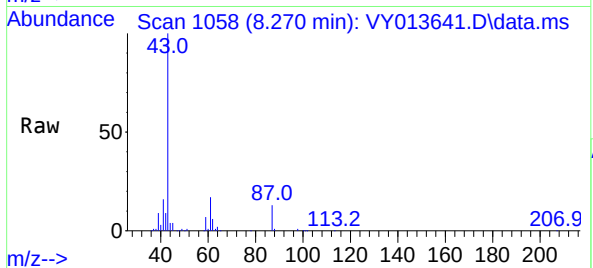




#43
Isopropyl Acetate
Concen: 21.131 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

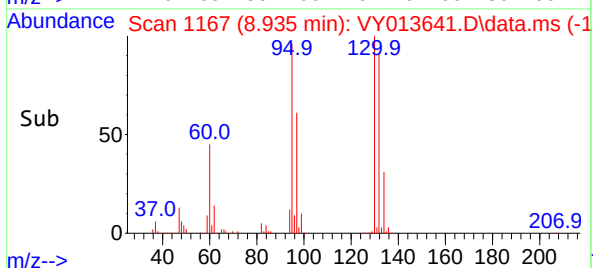
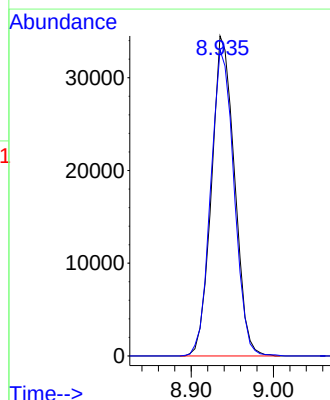
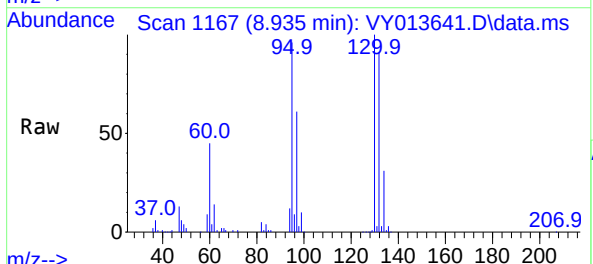
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

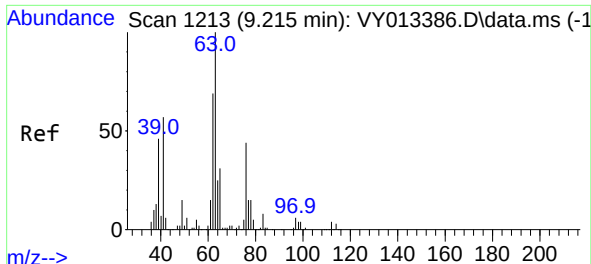
Tgt Ion: 43 Resp: 104812
Ion Ratio Lower Upper
43 100
61 27.2 22.2 33.4
87 12.9 11.0 16.6



#44
Trichloroethene
Concen: 22.940 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:130 Resp: 67122
Ion Ratio Lower Upper
130 100
95 95.6 0.0 188.8

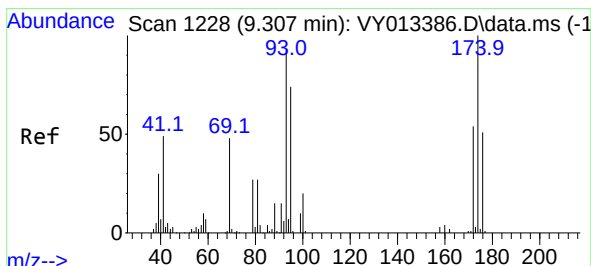
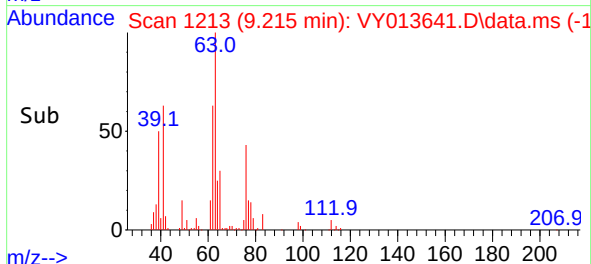
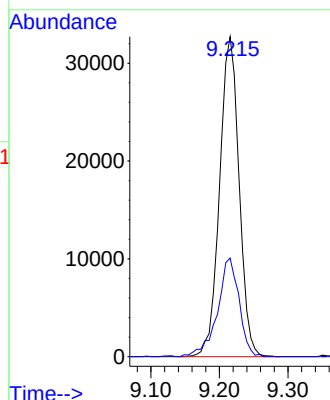
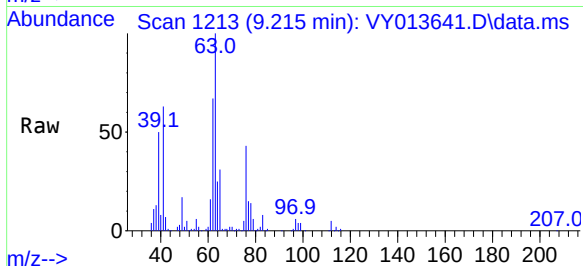




#45
1,2-Dichloropropane
Concen: 22.396 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

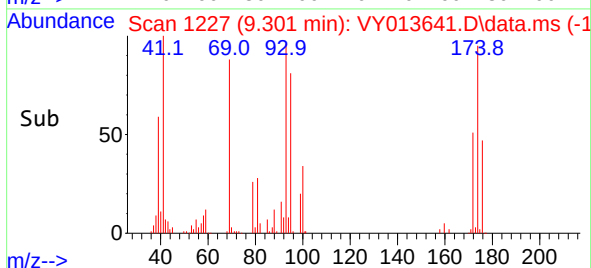
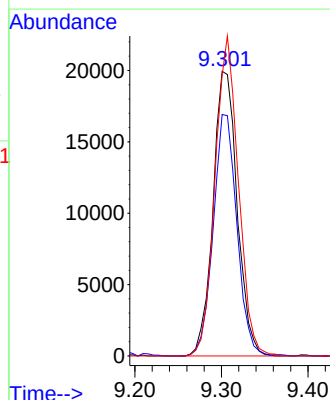
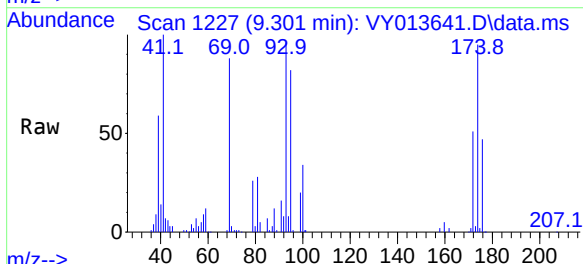
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

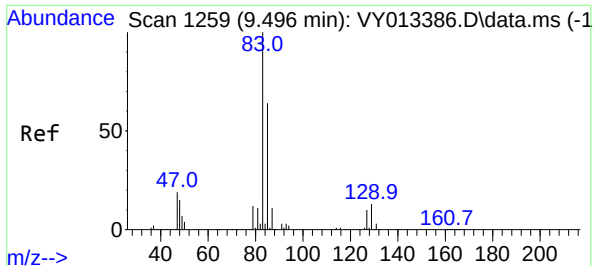
Tgt Ion: 63 Resp: 64414
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0



#46
Dibromomethane
Concen: 22.451 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 93 Resp: 38635
Ion Ratio Lower Upper
93 100
95 83.3 67.1 100.7
174 108.5 87.0 130.4

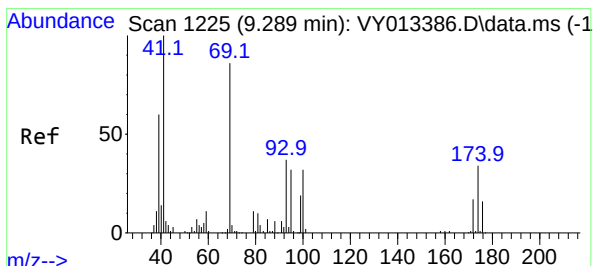
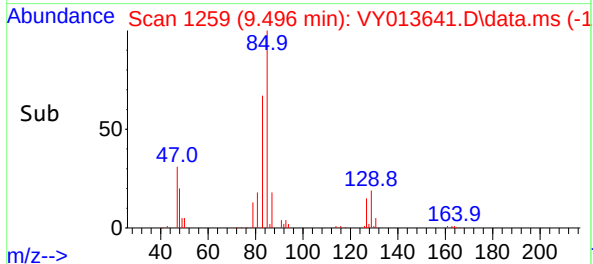
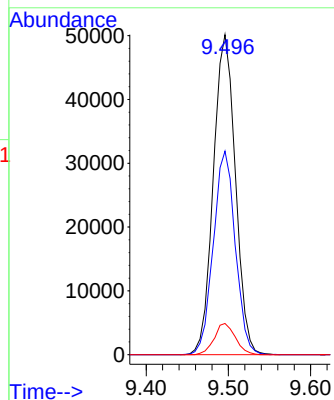
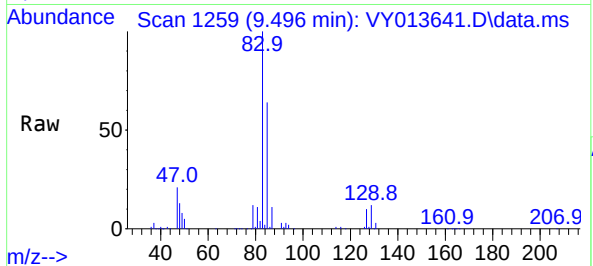




#47
Bromodichloromethane
Concen: 24.223 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

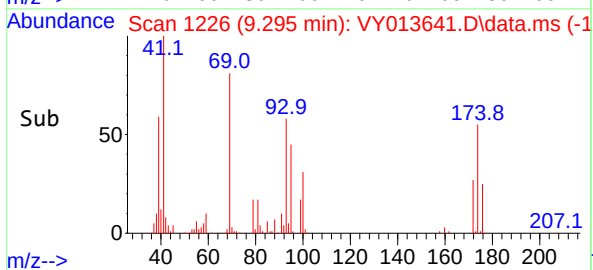
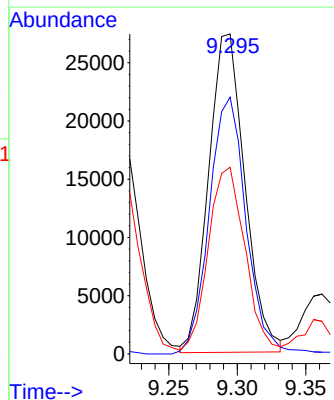
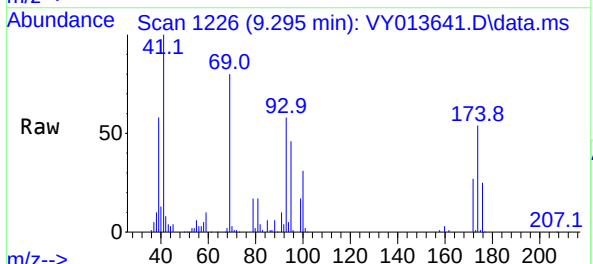
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

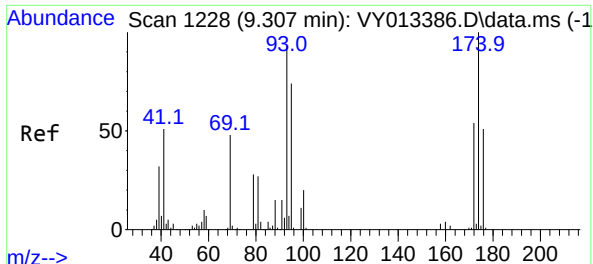
Tgt Ion: 83 Resp: 93276
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2
127 9.7 8.1 12.1



#48
Methyl methacrylate
Concen: 22.104 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 41 Resp: 50353
Ion Ratio Lower Upper
41 100
69 82.4 70.2 105.4
39 57.6 47.9 71.9





#49

1,4-Dioxane

Concen: 446.051 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013641.D

Acq: 08 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

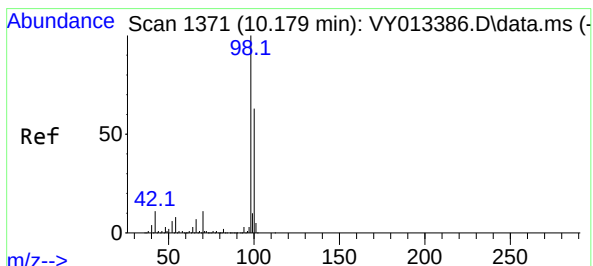
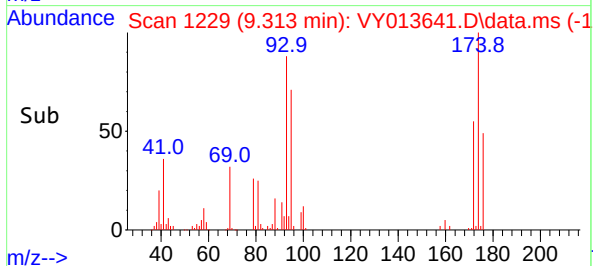
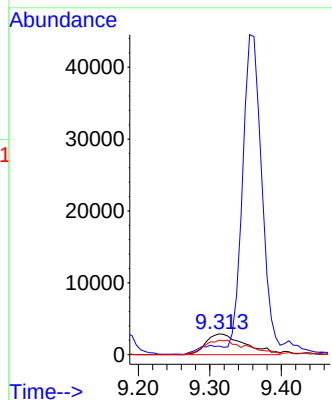
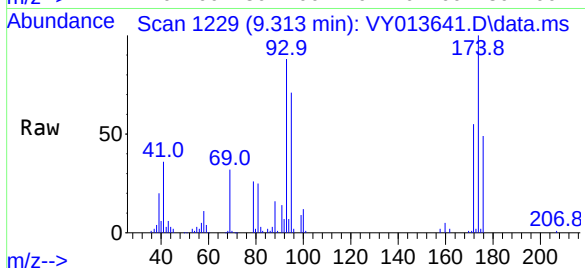
Tgt Ion: 88 Resp: 10963

Ion Ratio Lower Upper

88 100

43 25.8 16.8 25.2#

58 79.3 54.3 81.5



#50

Toluene-d8

Concen: 51.652 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013641.D

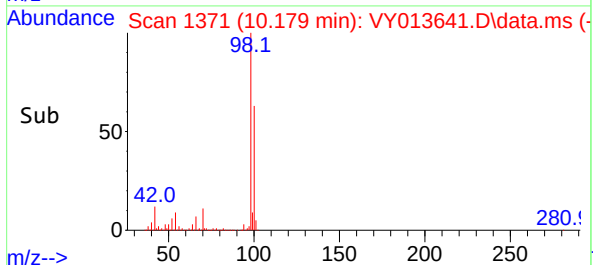
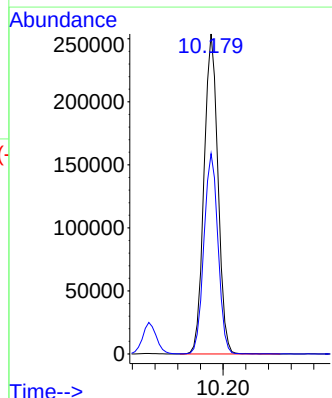
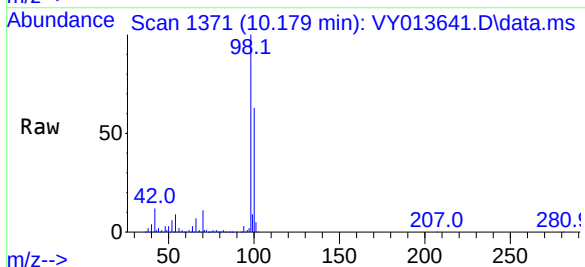
Acq: 08 May 2023 12:07

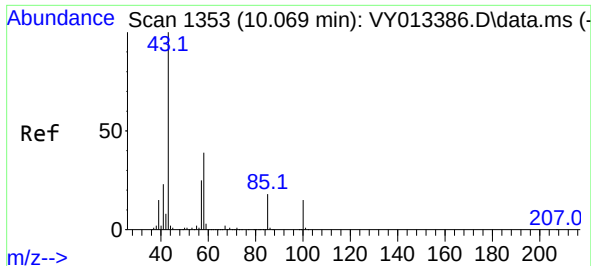
Tgt Ion: 98 Resp: 432345

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

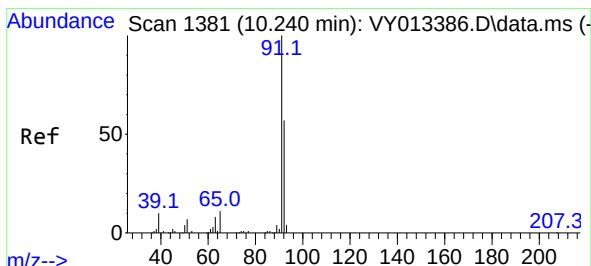
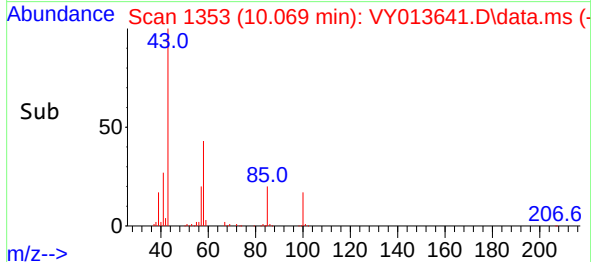
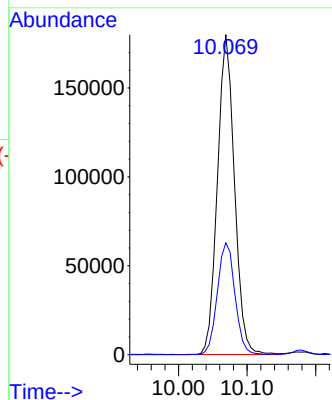
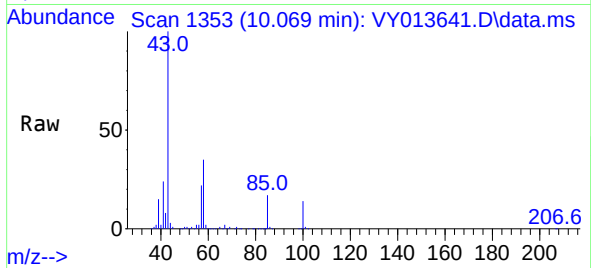




#51
4-Methyl-2-Pentanone
Concen: 112.139 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

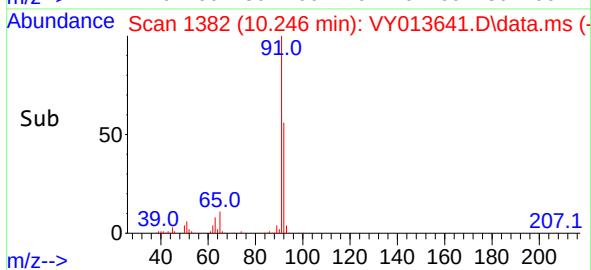
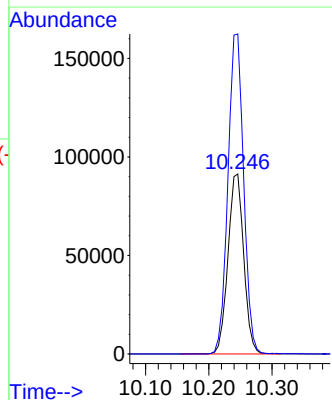
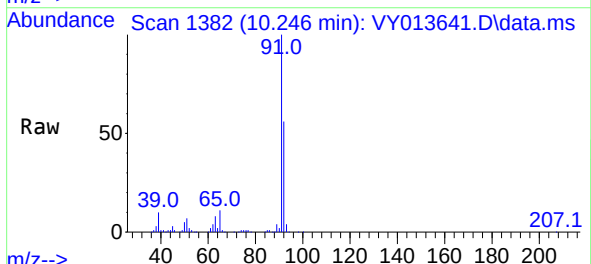
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

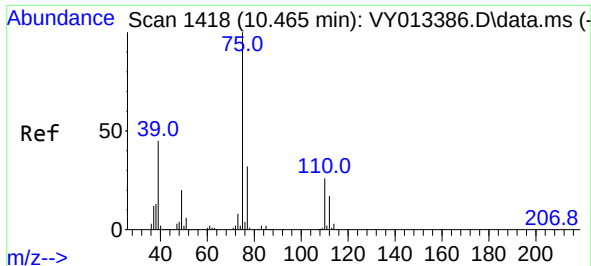
Tgt Ion: 43 Resp: 309956
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 23.844 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 92 Resp: 157836
Ion Ratio Lower Upper
92 100
91 177.1 140.2 210.4

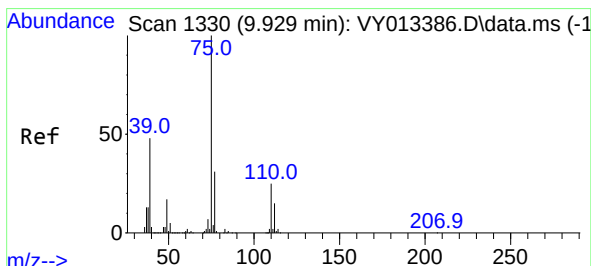
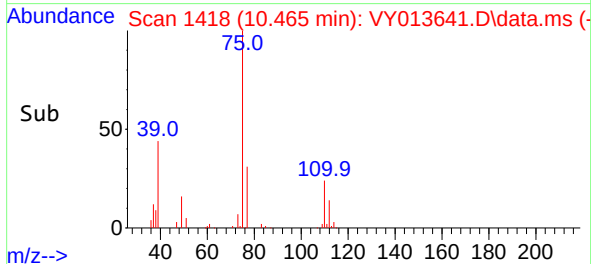
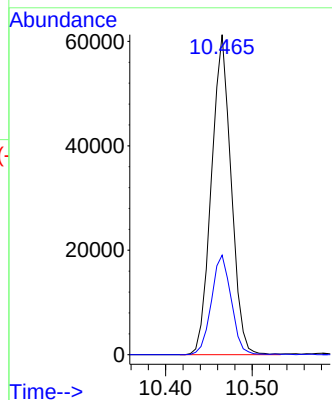
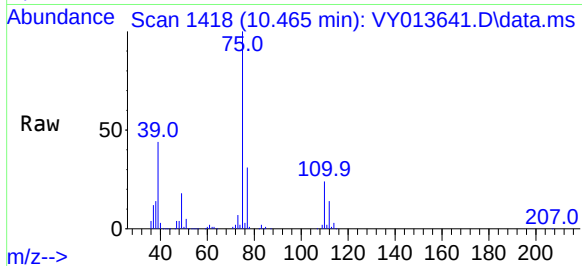




#53
t-1,3-Dichloropropene
Concen: 23.746 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

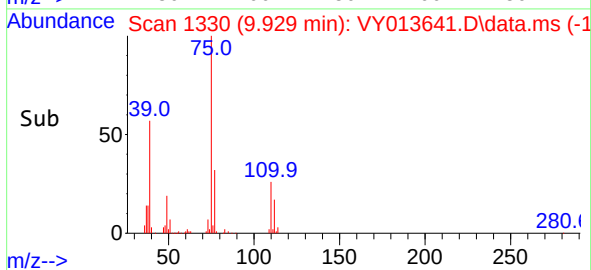
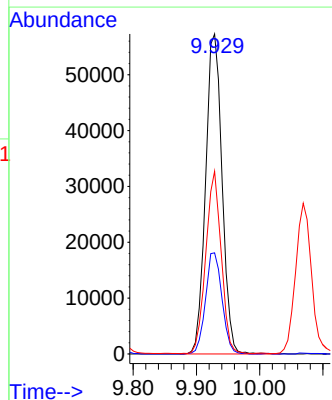
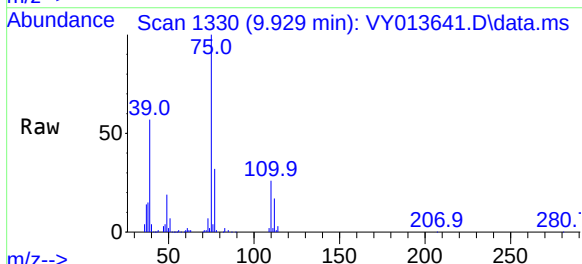
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

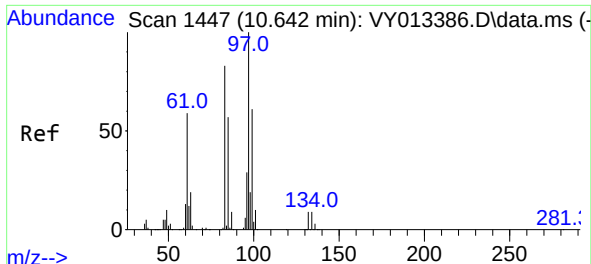
Tgt Ion: 75 Resp: 96773
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 22.647 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 75 Resp: 103855
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 57.0 38.1 57.1

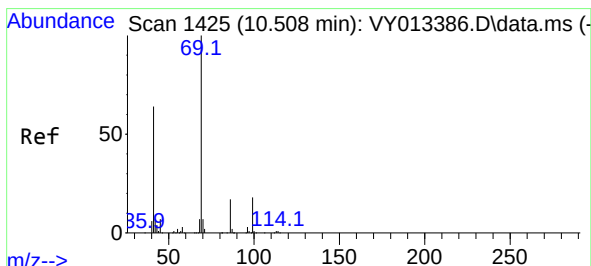
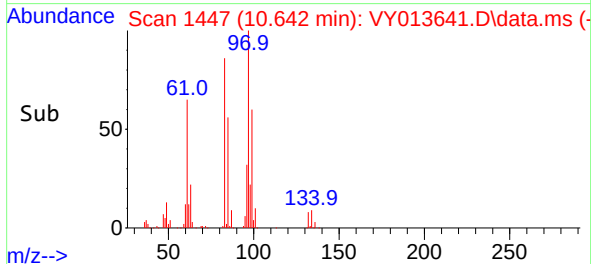
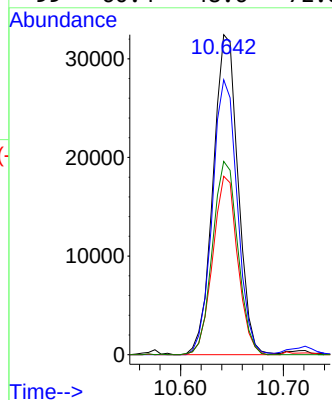
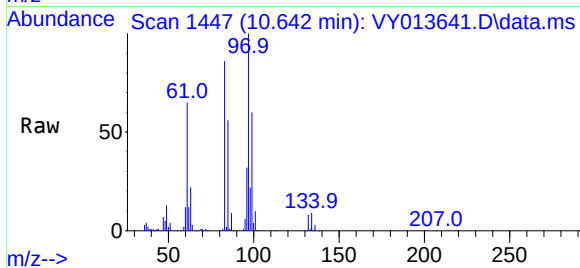




#55
1,1,2-Trichloroethane
Concen: 23.999 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

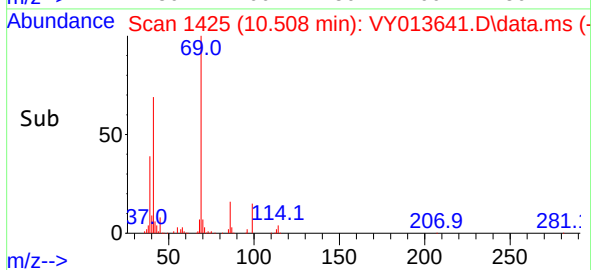
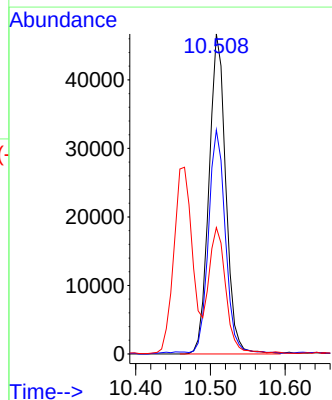
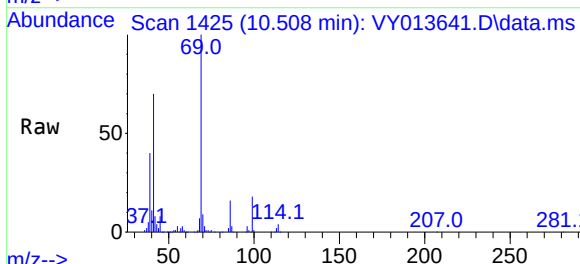
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

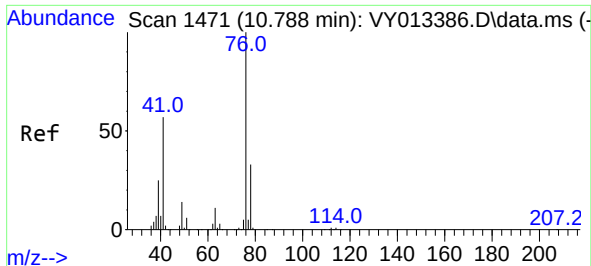
Tgt Ion: 97	Resp: 54693
Ion Ratio	Lower Upper
97 100	
83 85.9	66.4 99.6
85 55.8	45.6 68.4
99 60.4	48.6 72.8



#56
Ethyl methacrylate
Concen: 23.144 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 69	Resp: 73174
Ion Ratio	Lower Upper
69 100	
41 72.0	51.4 77.0
39 38.4	29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.434 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013641.D

Acq: 08 May 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

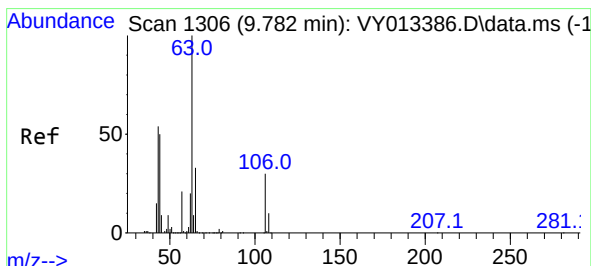
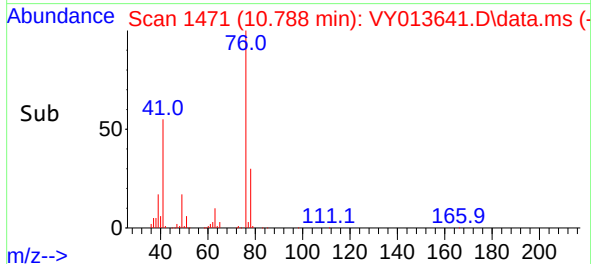
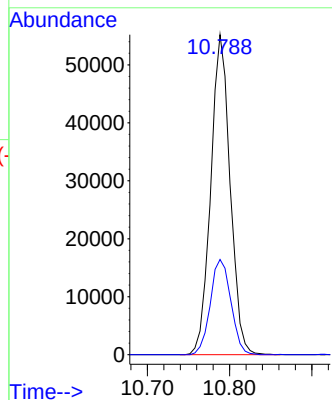
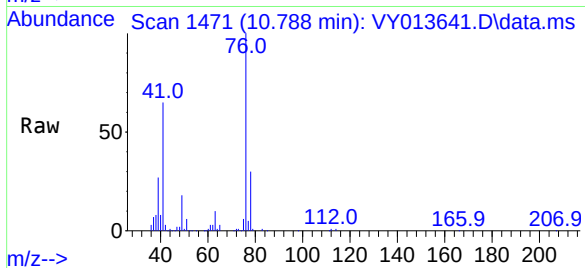
VY0508SBS01

Tgt Ion: 76 Resp: 90445

Ion Ratio Lower Upper

76 100

78 31.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 118.886 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013641.D

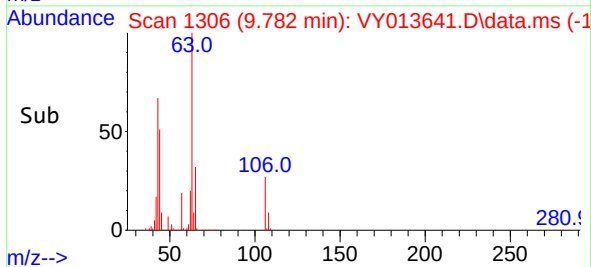
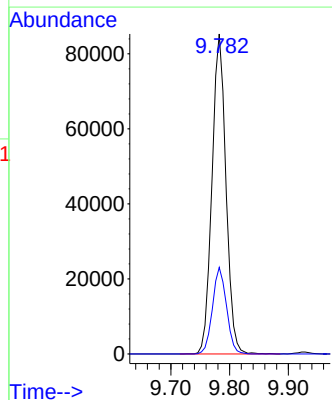
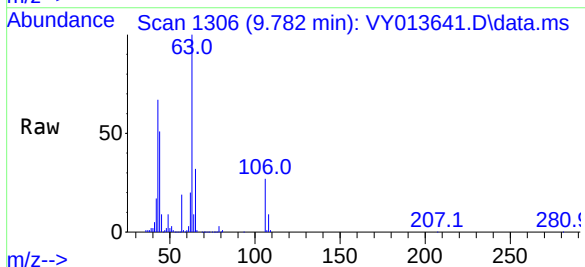
Acq: 08 May 2023 12:07

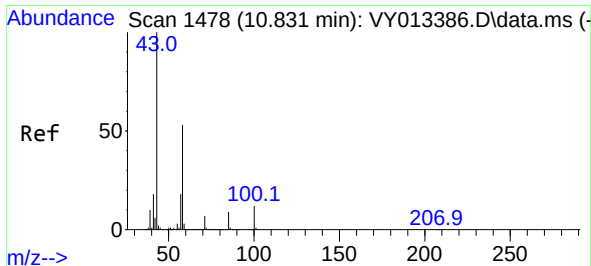
Tgt Ion: 63 Resp: 140950

Ion Ratio Lower Upper

63 100

106 27.0 23.5 35.3

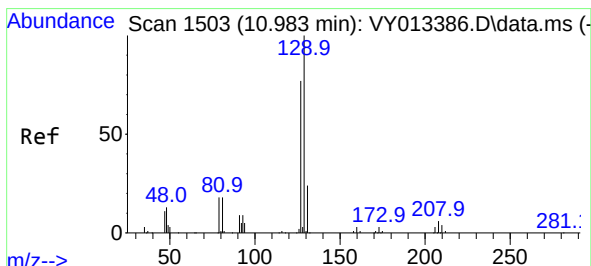
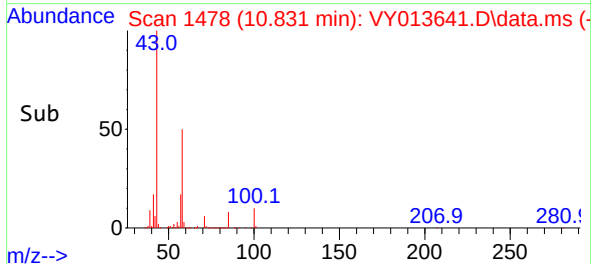
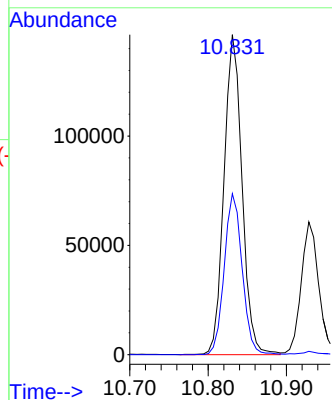
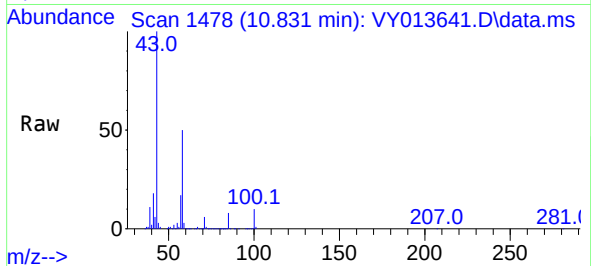




#59
2-Hexanone
Concen: 116.833 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

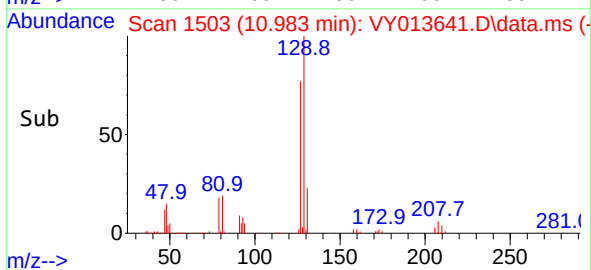
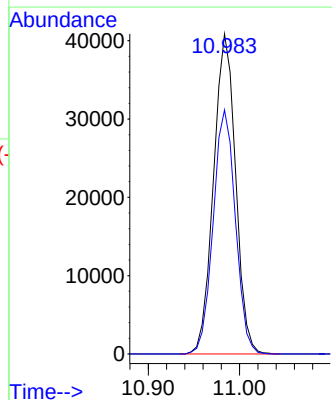
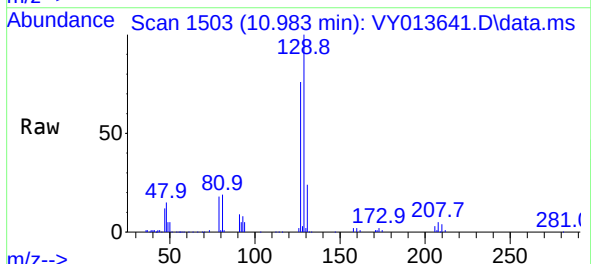
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

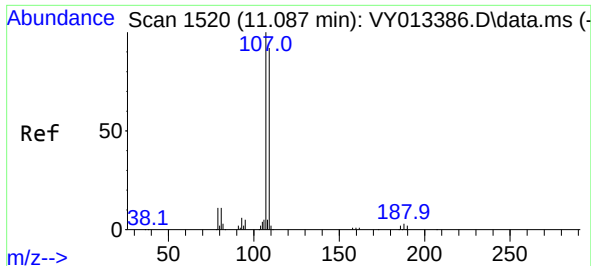
Tgt Ion: 43 Resp: 234745
Ion Ratio Lower Upper
43 100
58 49.9 26.3 78.8



#60
Dibromochloromethane
Concen: 24.768 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 129 Resp: 68538
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

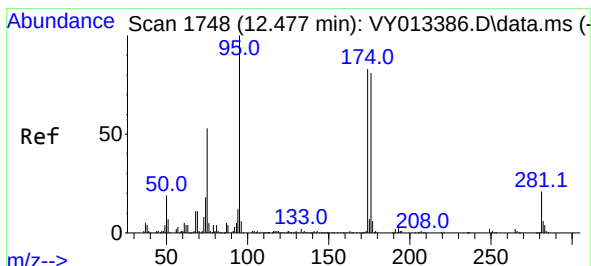
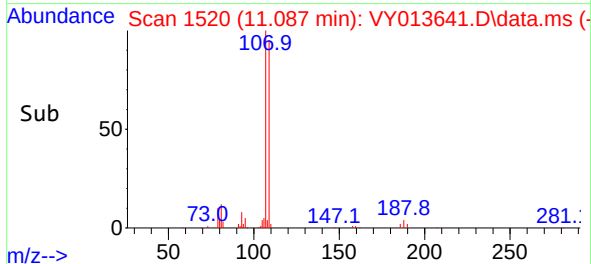
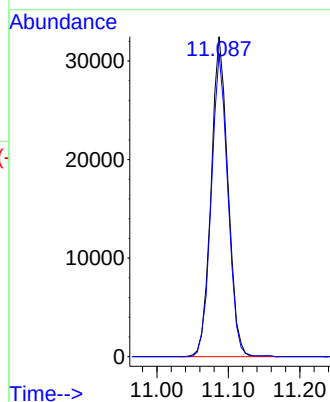
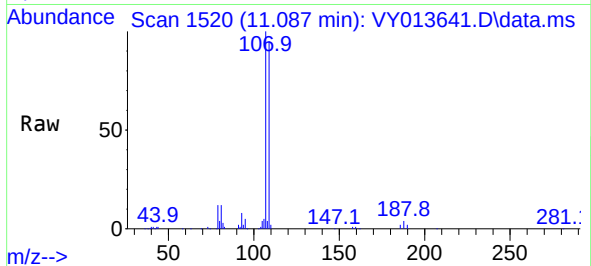




#61
1,2-Dibromoethane
Concen: 23.658 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

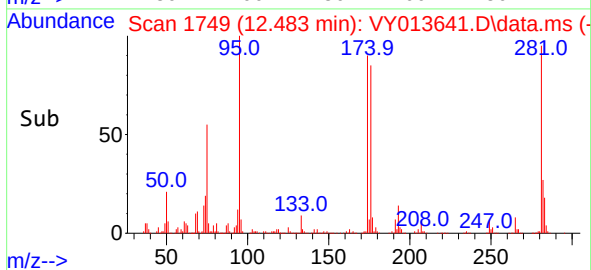
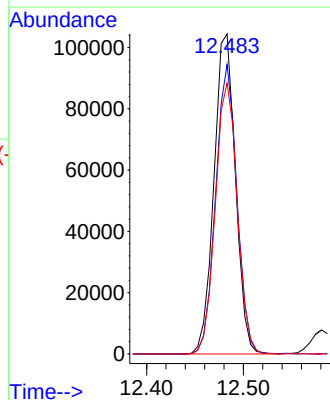
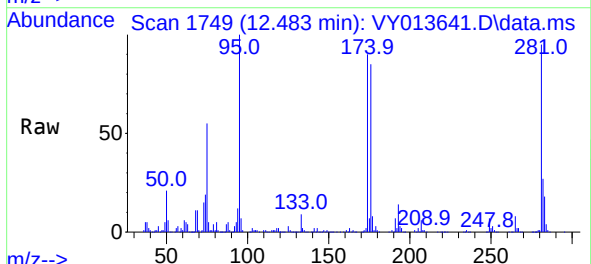
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

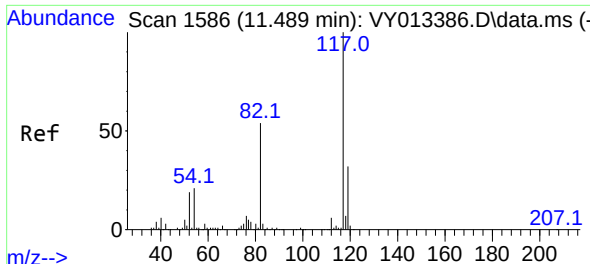
Tgt Ion:107 Resp: 53007
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

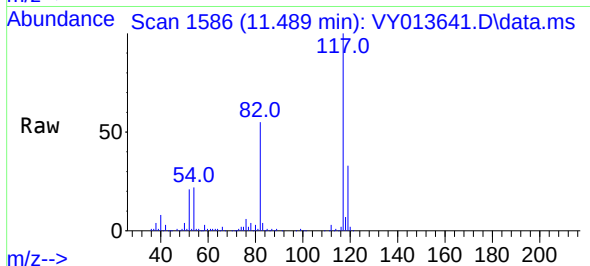
Tgt Ion: 95 Resp: 160676
Ion Ratio Lower Upper
95 100
174 89.6 0.0 182.0
176 86.1 0.0 175.4



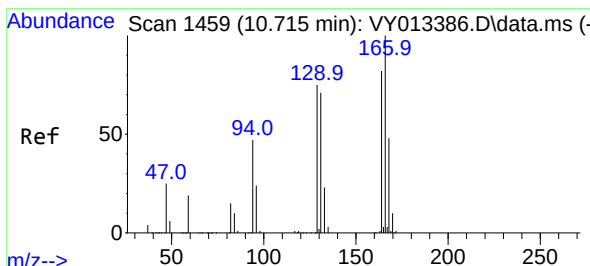
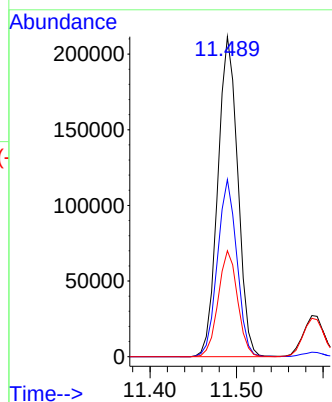
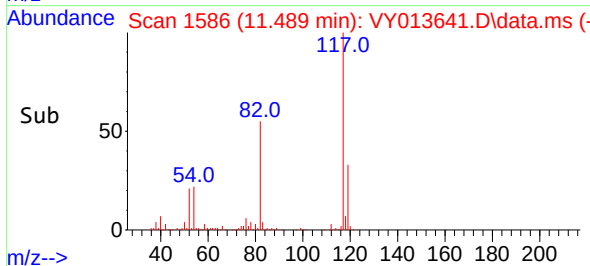


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

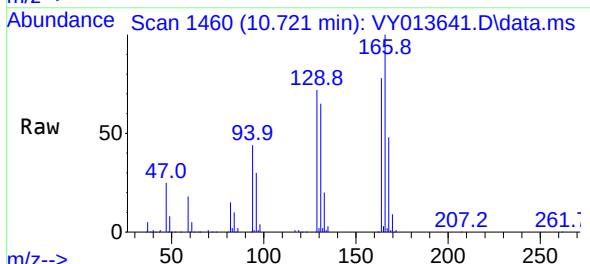
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01



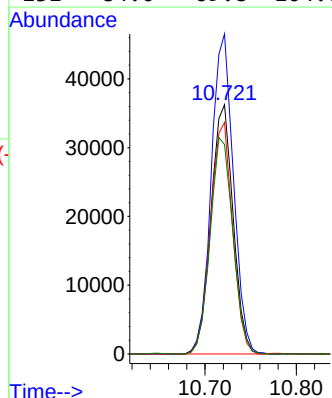
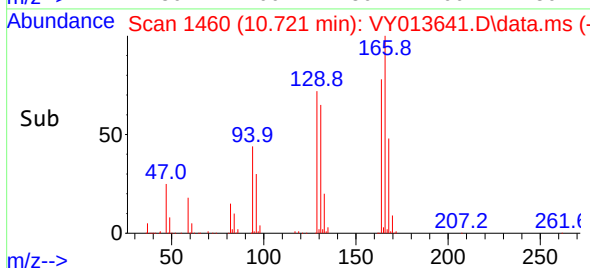
Tgt Ion:117 Resp: 338767
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 33.1 25.5 38.3

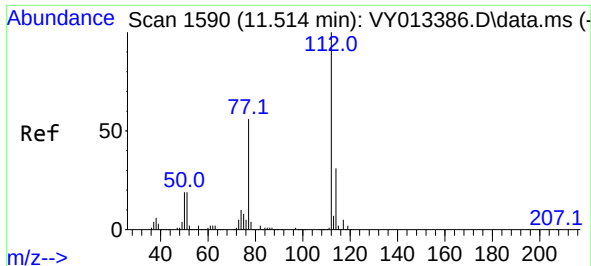


#64
Tetrachloroethene
Concen: 23.782 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07



Tgt Ion:164 Resp: 61262
Ion Ratio Lower Upper
164 100
166 128.4 97.5 146.3
129 92.9 72.6 109.0
131 84.0 69.8 104.6

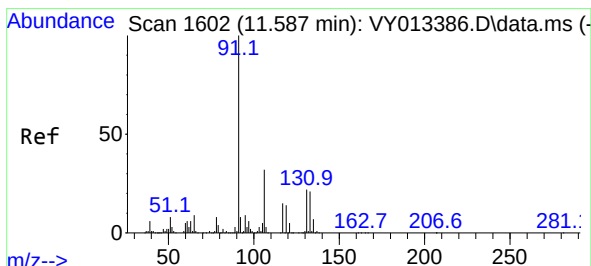
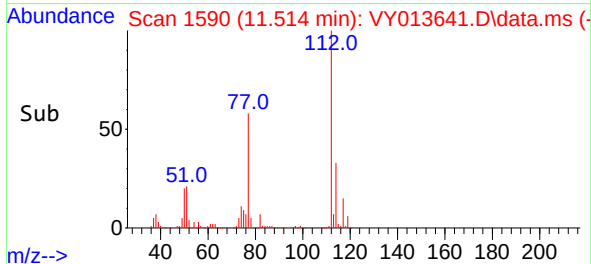
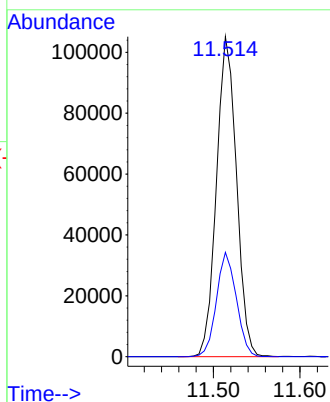
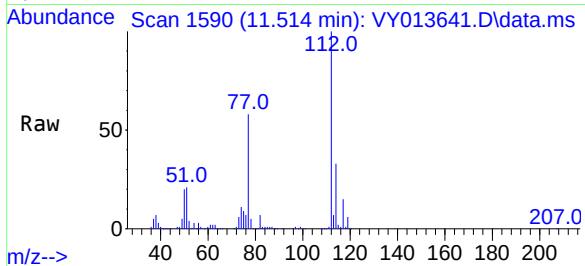




#65
Chlorobenzene
Concen: 22.869 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

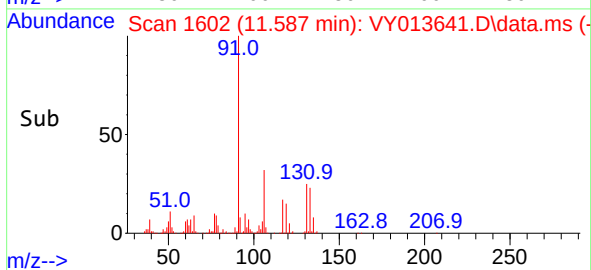
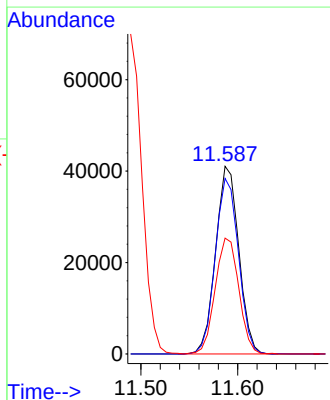
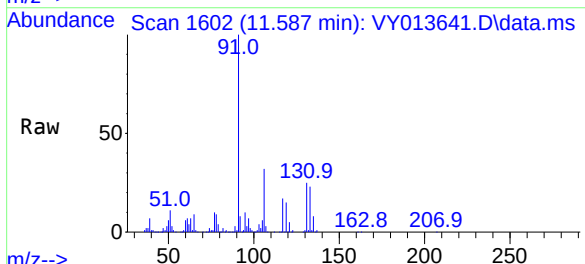
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

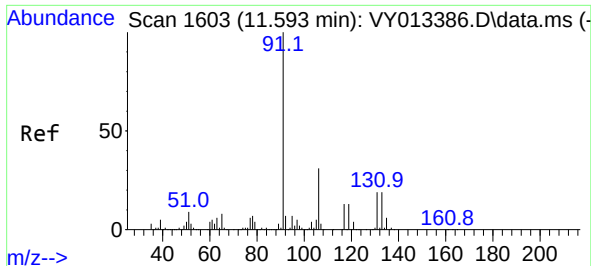
Tgt Ion:112 Resp: 168762
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 24.733 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:131 Resp: 68262
Ion Ratio Lower Upper
131 100
133 93.7 47.7 143.1
119 63.0 32.6 98.0

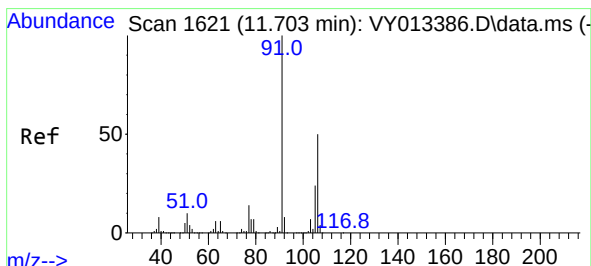
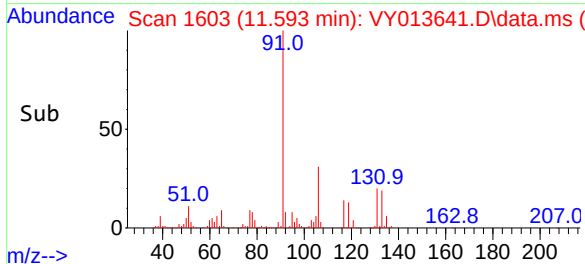
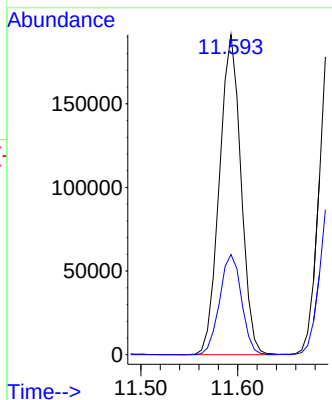
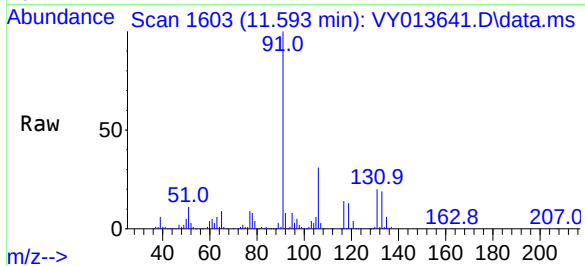




#67
Ethyl Benzene
Concen: 22.824 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

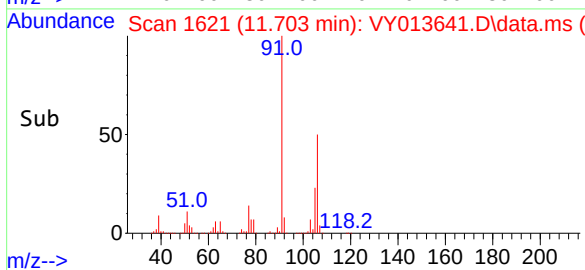
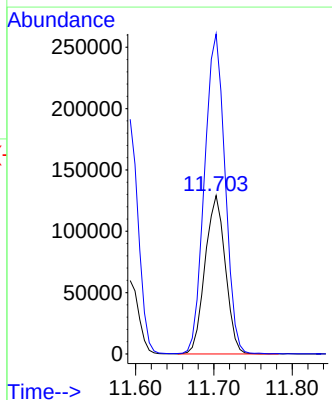
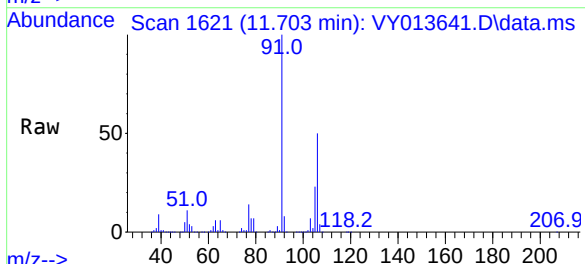
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

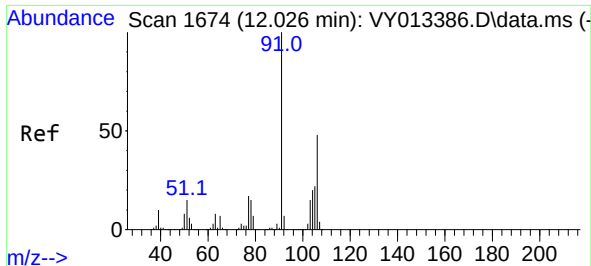
Tgt Ion: 91 Resp: 295762
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 47.106 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 106 Resp: 232059
Ion Ratio Lower Upper
106 100
91 204.4 160.9 241.3

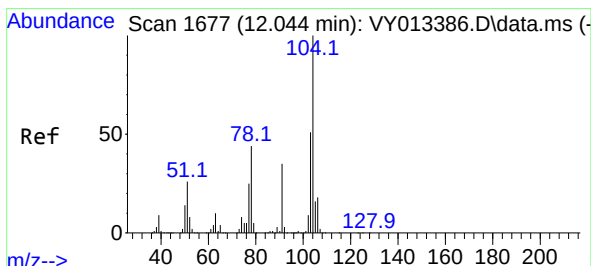
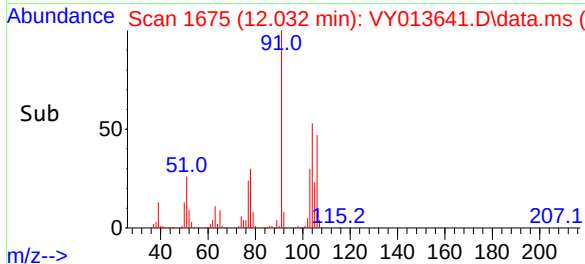
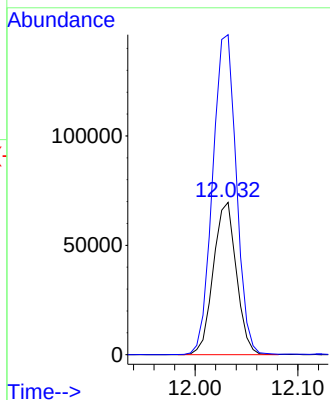
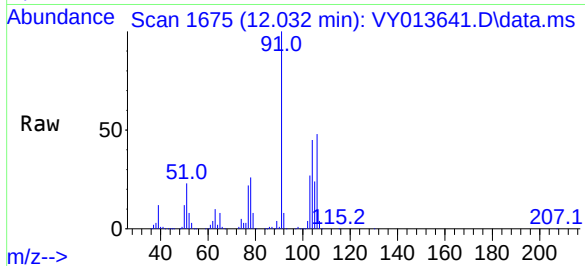




#69
o-Xylene
Concen: 23.261 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

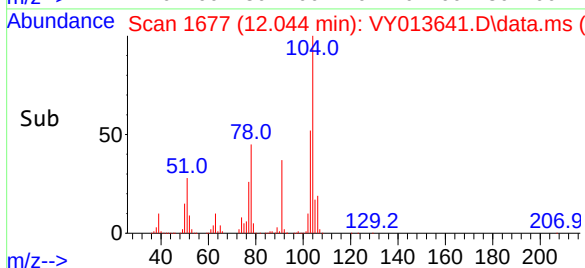
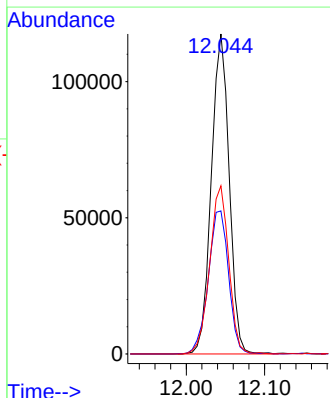
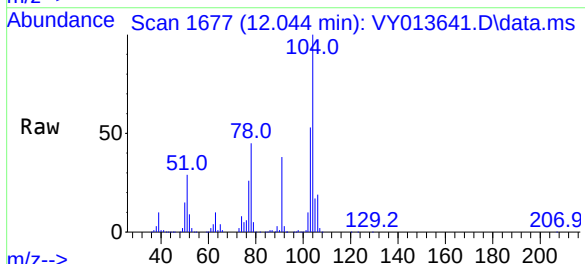
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

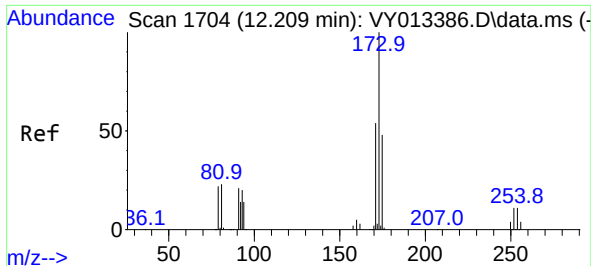
Tgt Ion:106 Resp: 108375
Ion Ratio Lower Upper
106 100
91 215.7 105.5 316.4



#70
Styrene
Concen: 23.905 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:104 Resp: 186223
Ion Ratio Lower Upper
104 100
78 51.0 40.3 60.5
103 56.2 45.0 67.4

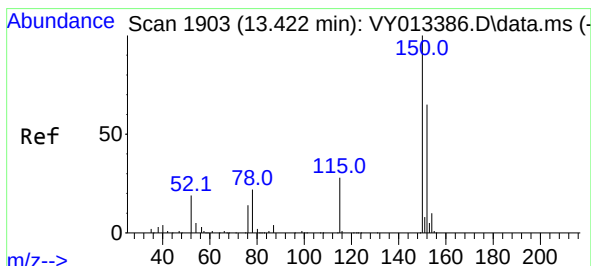
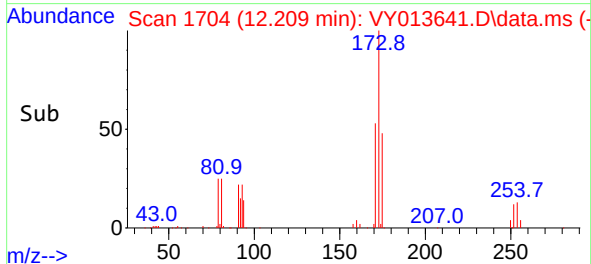
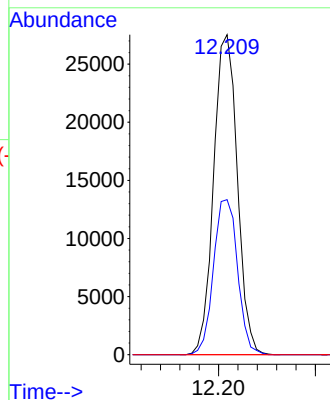
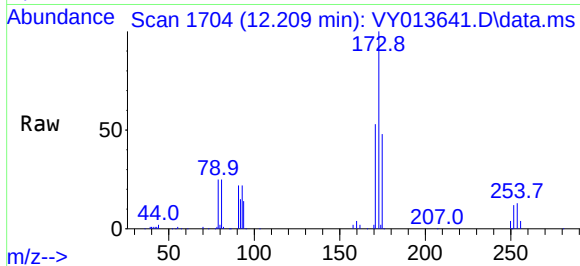




#71
Bromoform
Concen: 24.189 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

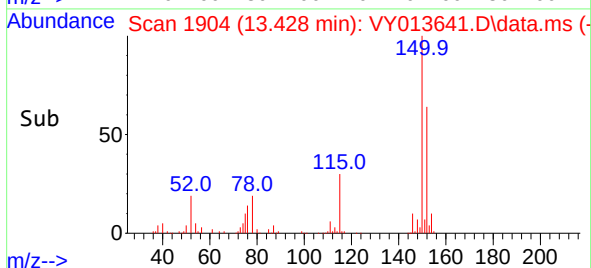
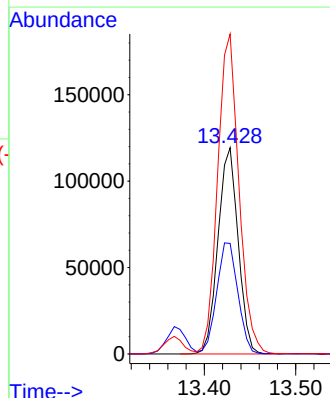
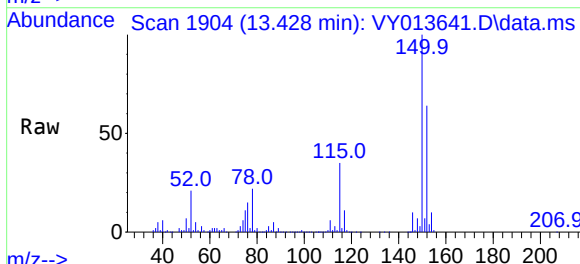
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

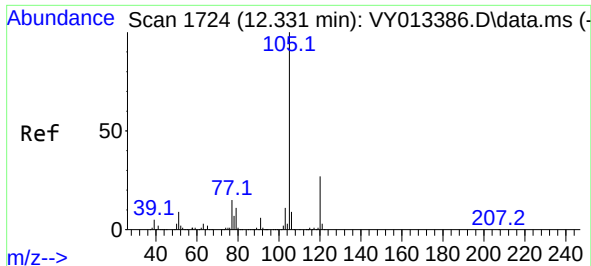
Tgt Ion:173 Resp: 46763
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:152 Resp: 183068
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 163.4 0.0 352.0

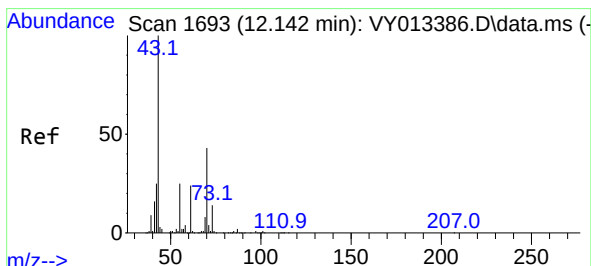
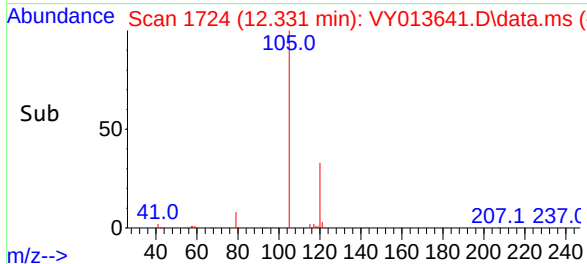
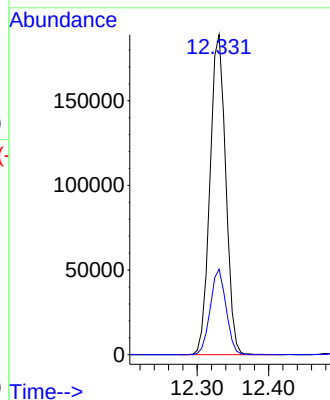
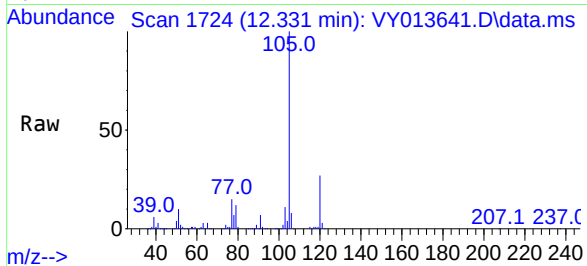




#73
Isopropylbenzene
Concen: 20.899 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

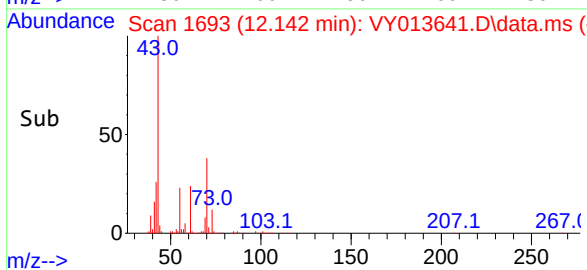
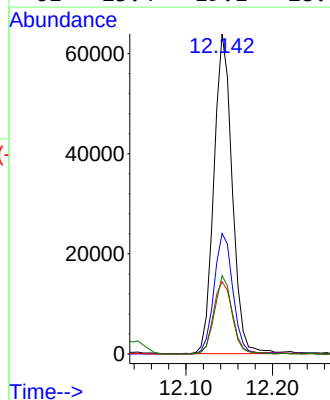
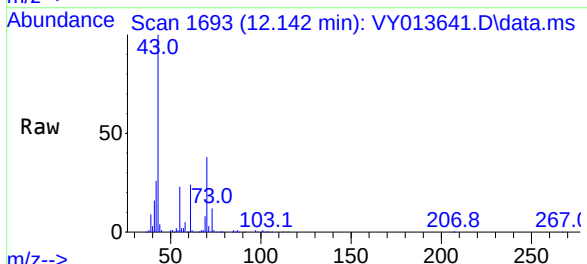
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

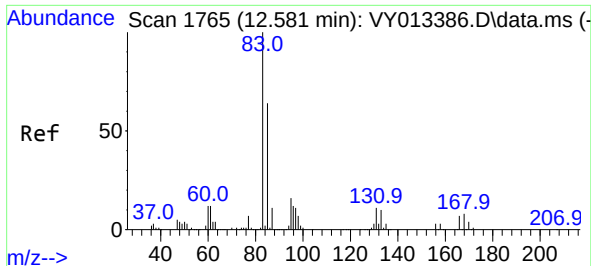
Tgt Ion:105 Resp: 289376
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 19.053 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 43 Resp: 93884
Ion Ratio Lower Upper
43 100
70 38.7 33.0 49.4
55 24.0 19.8 29.6
61 23.4 19.1 28.7

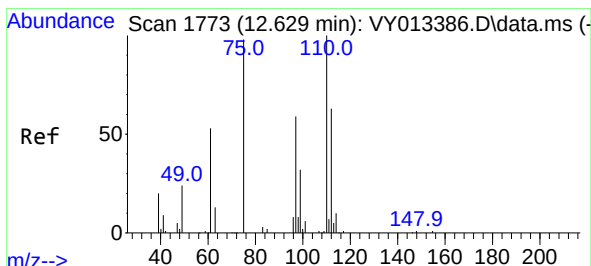
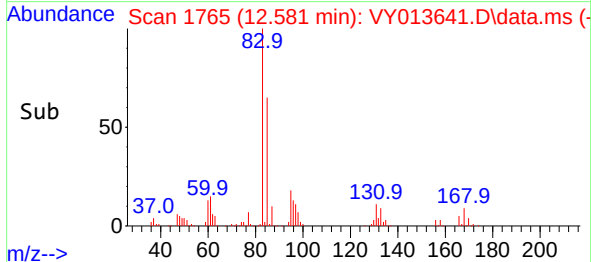
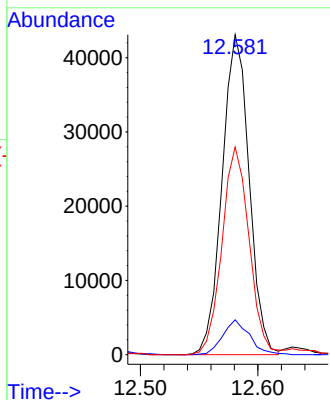
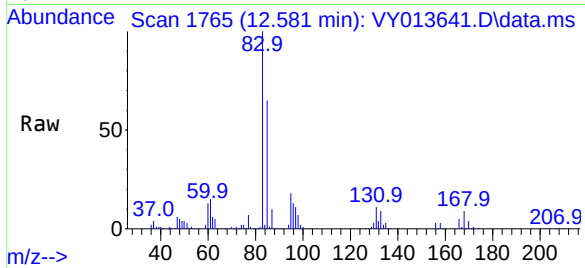




#75
1,1,2,2-Tetrachloroethane
Concen: 20.367 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

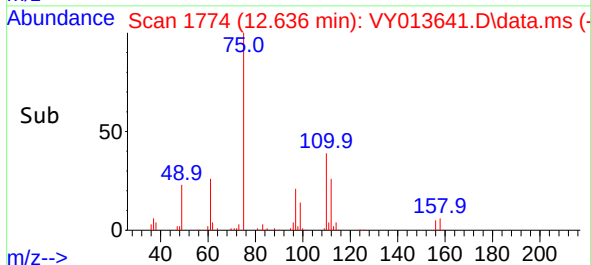
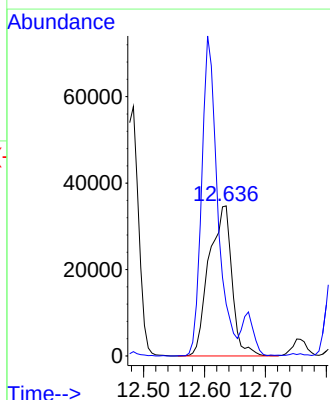
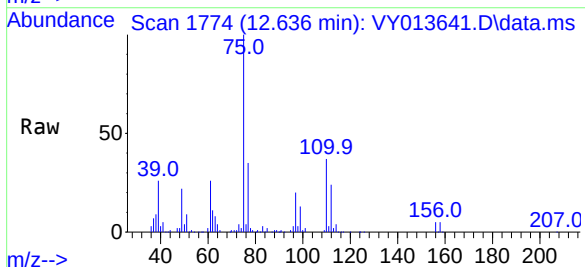
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

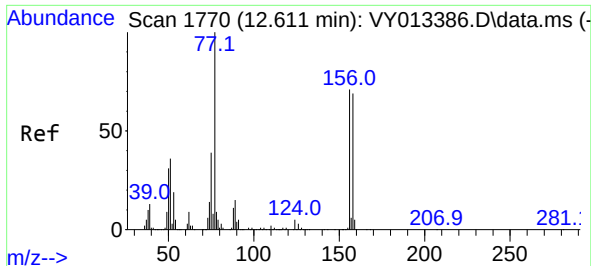
Tgt Ion: 83 Resp: 68933
Ion Ratio Lower Upper
83 100
131 10.8 5.7 17.0
85 65.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 36.841 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 75 Resp: 90957
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

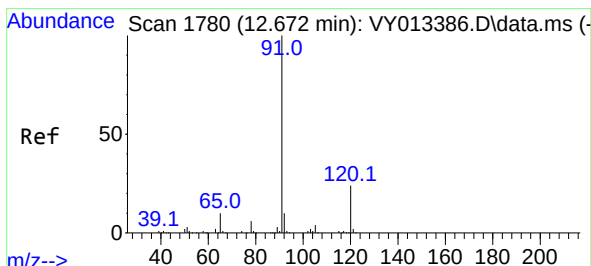
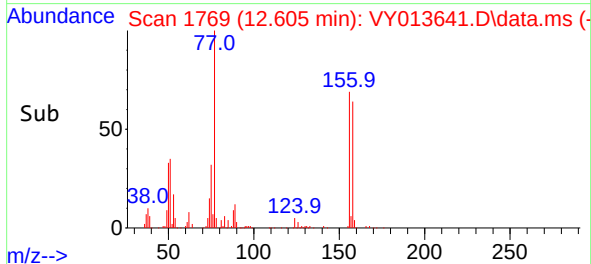
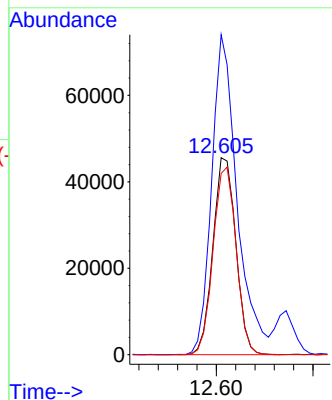
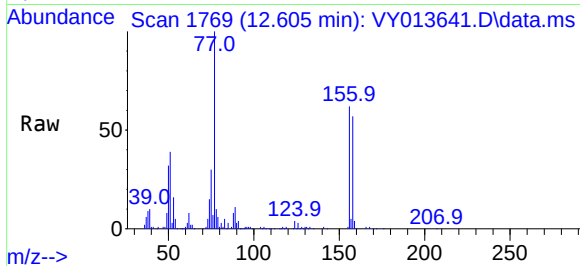




#77
Bromobenzene
Concen: 22.364 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

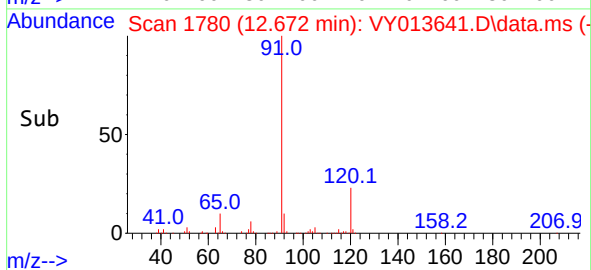
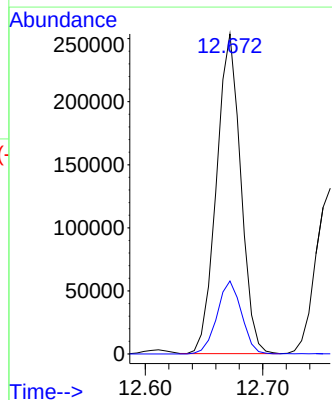
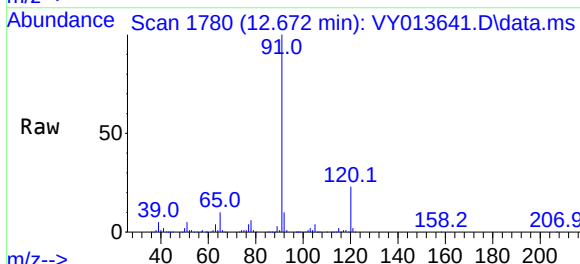
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

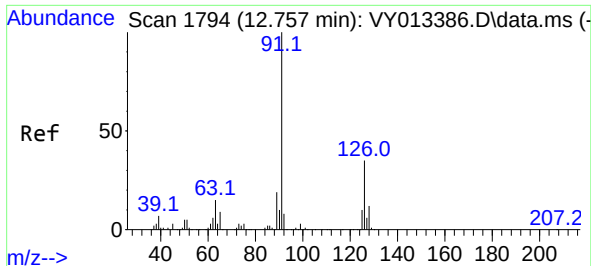
Tgt Ion:156 Resp: 75033
Ion Ratio Lower Upper
156 100
77 180.1 87.6 262.9
158 95.7 48.5 145.5



#78
n-propylbenzene
Concen: 21.317 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 91 Resp: 363575
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9

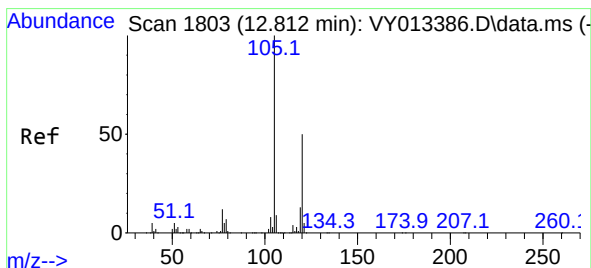
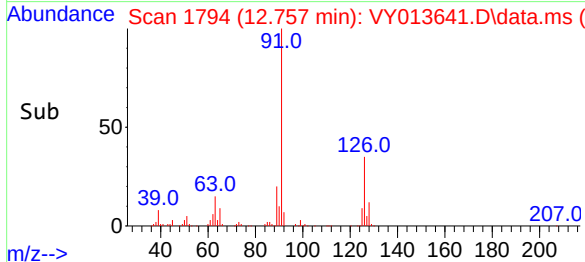
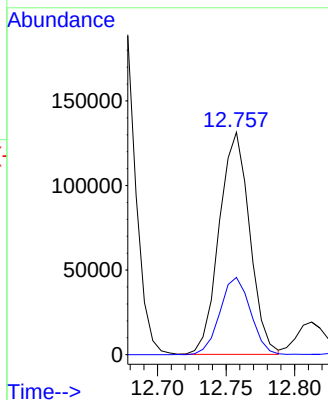
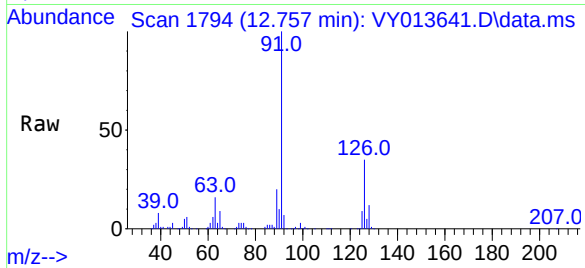




#79
2-Chlorotoluene
Concen: 21.338 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

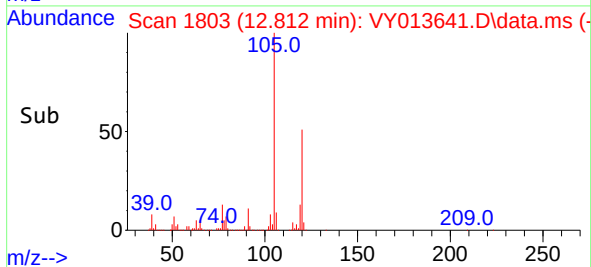
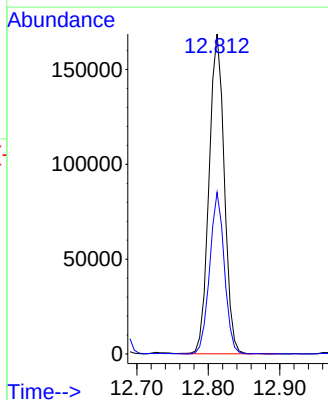
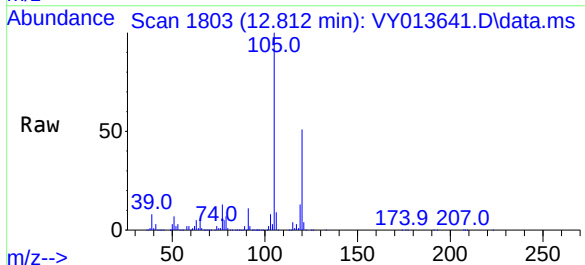
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

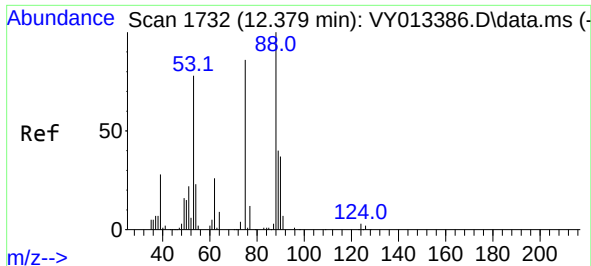
Tgt Ion: 91 Resp: 203222
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 22.043 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 105 Resp: 249119
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1

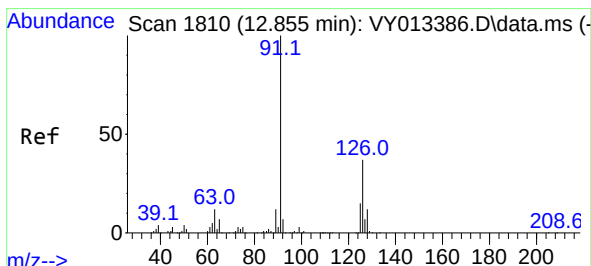
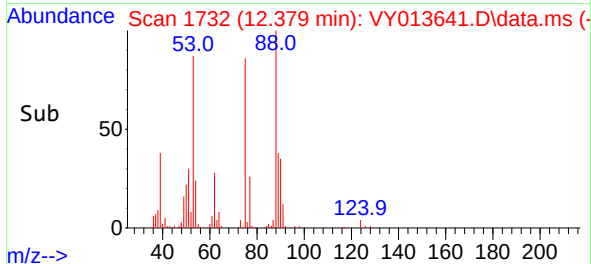
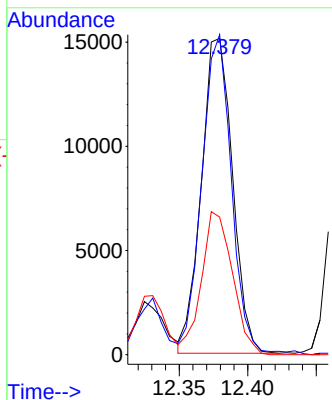
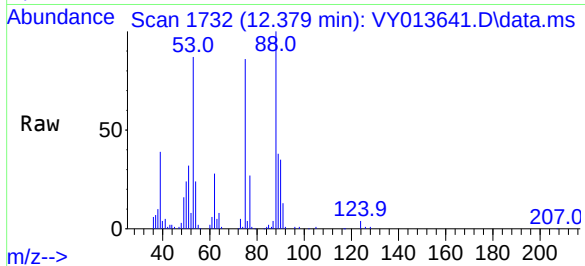




#81
trans-1,4-Dichloro-2-butene
Concen: 19.856 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

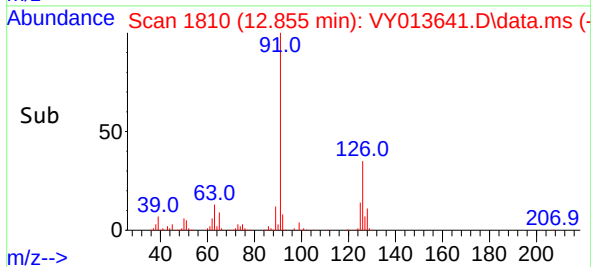
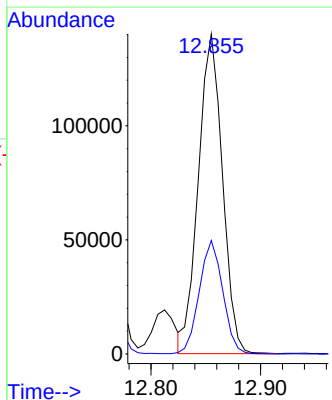
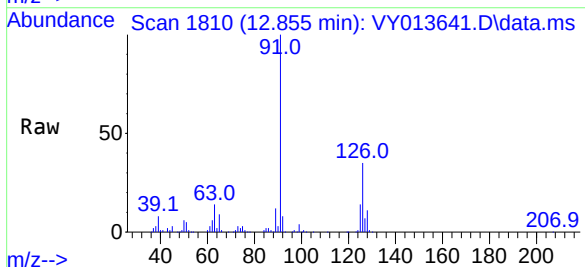
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

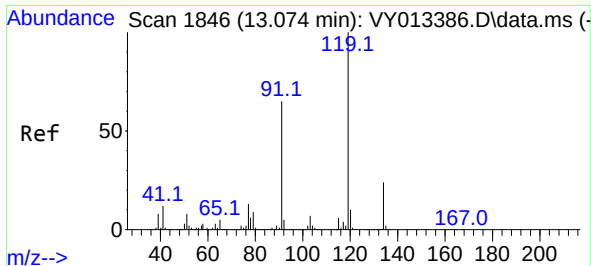
Tgt Ion:	75	Resp:	23965
Ion	Ratio	Lower	Upper
75	100		
53	96.8	73.2	109.8
89	45.3	38.0	57.0



#82
4-Chlorotoluene
Concen: 21.575 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:	91	Resp:	214176
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.9	53.8

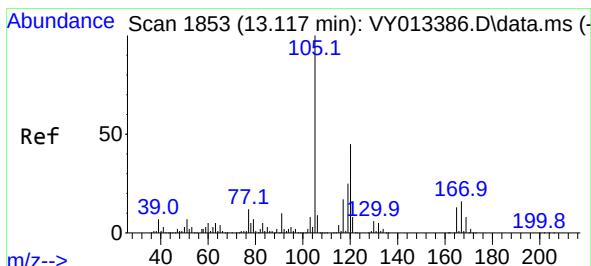
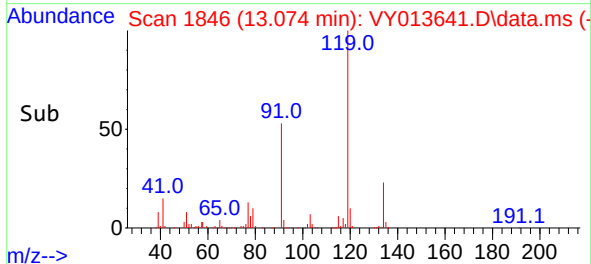
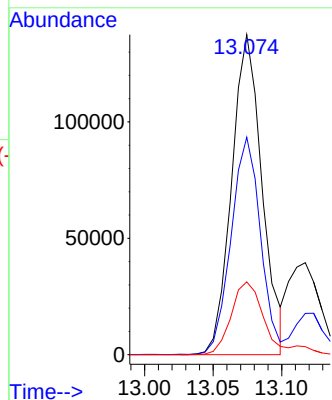
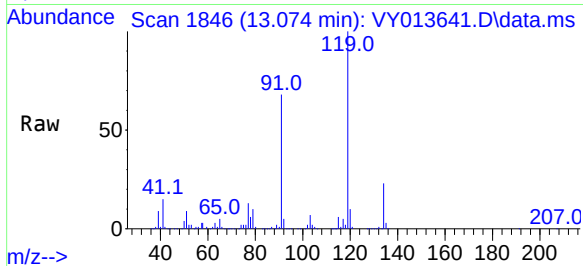




#83
tert-Butylbenzene
Concen: 21.725 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

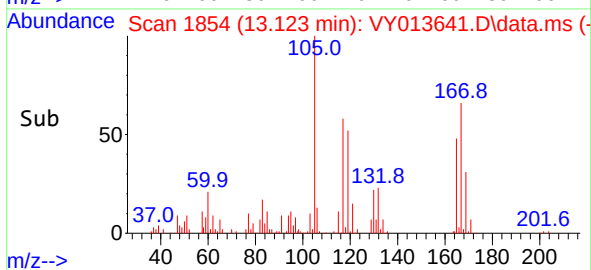
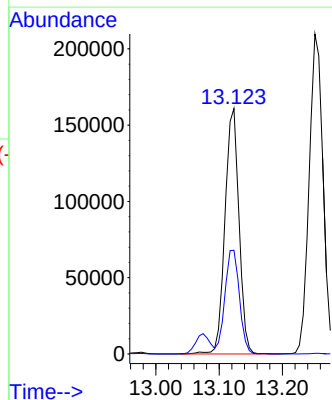
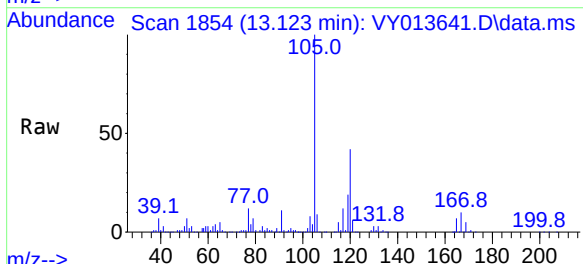
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

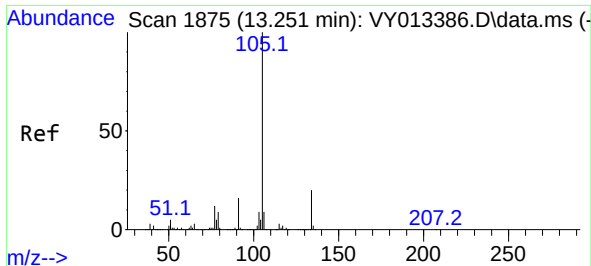
Tgt Ion:119 Resp: 212715
Ion Ratio Lower Upper
119 100
91 65.5 32.2 96.6
134 25.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 22.503 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:105 Resp: 247253
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.9

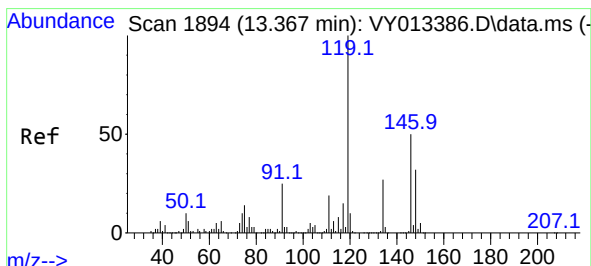
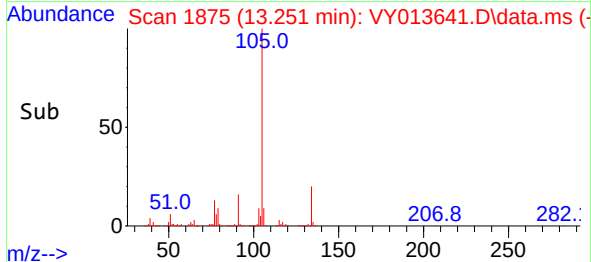
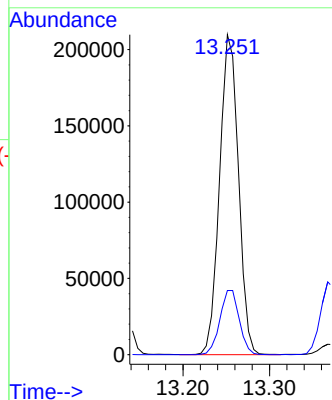
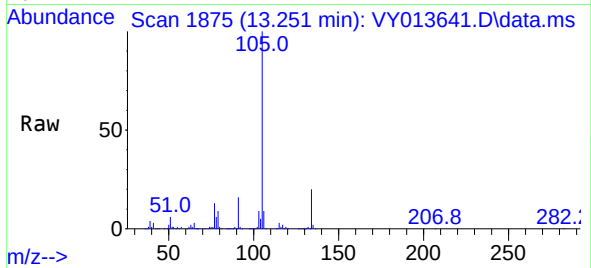




#85
 sec-Butylbenzene
 Concen: 21.645 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013641.D
 Acq: 08 May 2023 12:07

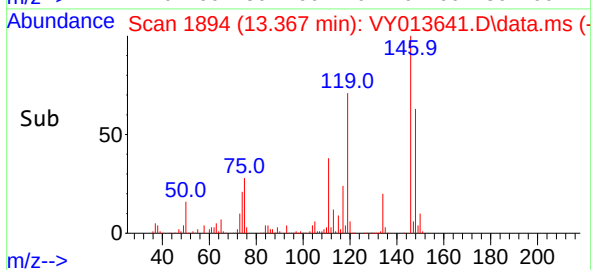
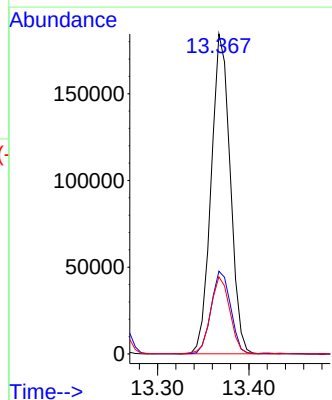
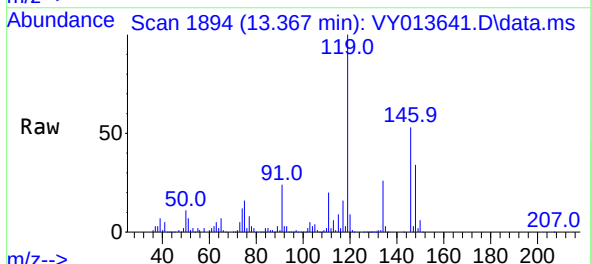
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

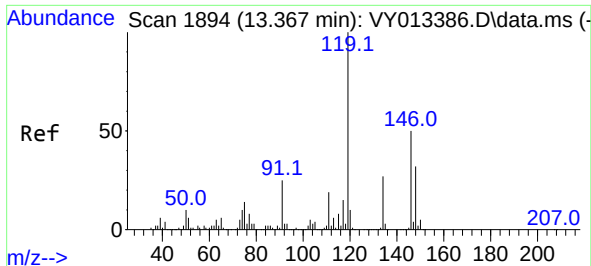
Tgt Ion:105 Resp: 318070
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 22.521 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013641.D
 Acq: 08 May 2023 12:07

Tgt Ion:119 Resp: 266134
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 24.3 12.1 36.3

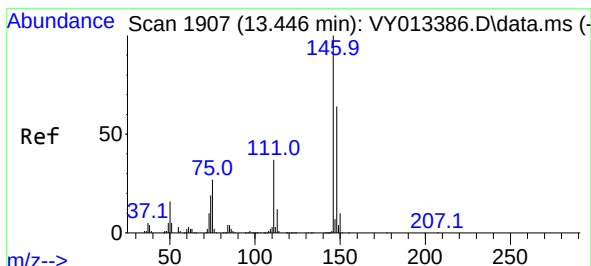
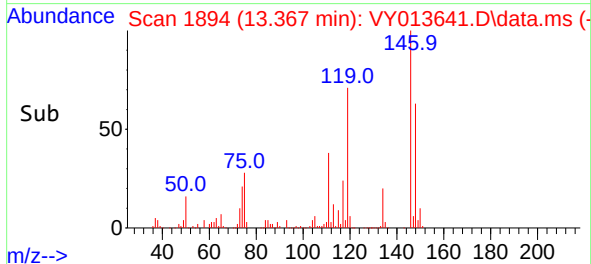
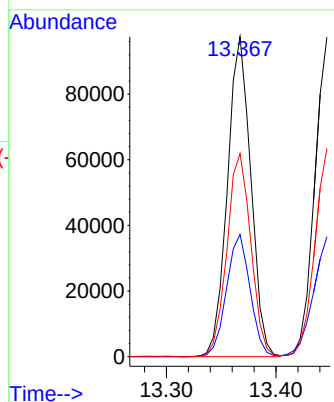
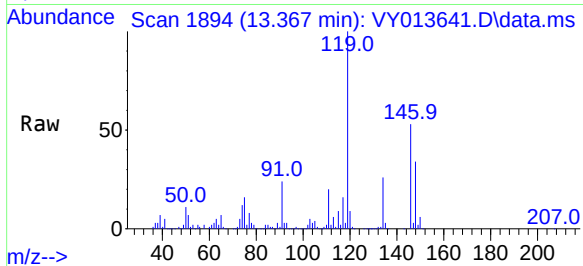




#87
1,3-Dichlorobenzene
Concen: 22.629 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

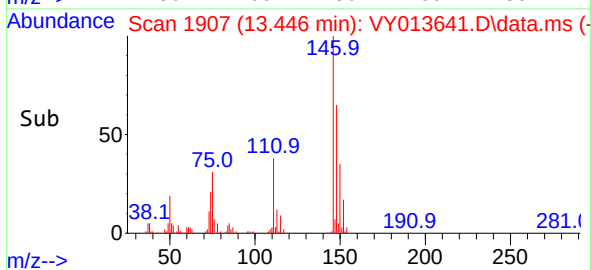
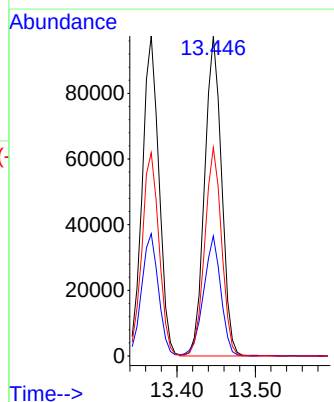
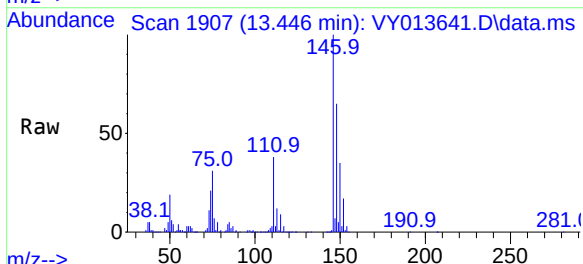
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

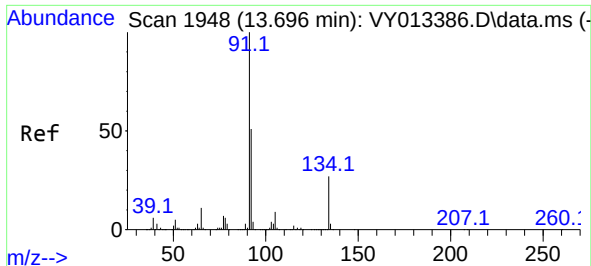
Tgt Ion:146 Resp: 144642
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 64.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.646 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:146 Resp: 146225
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 64.9 31.9 95.5

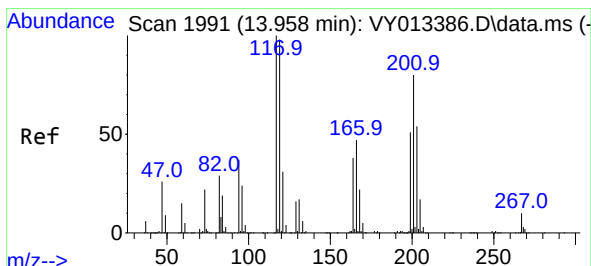
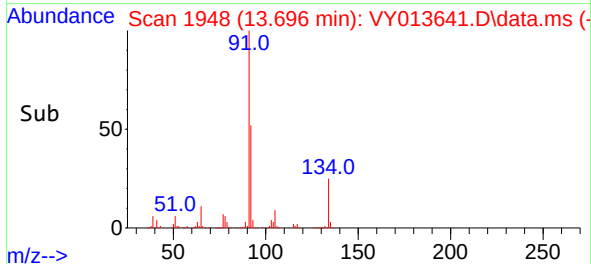
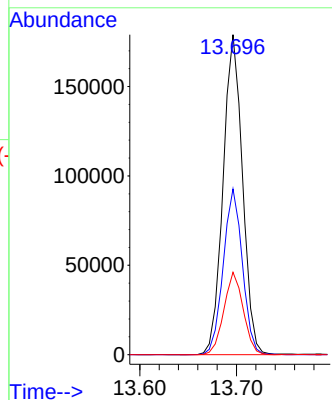
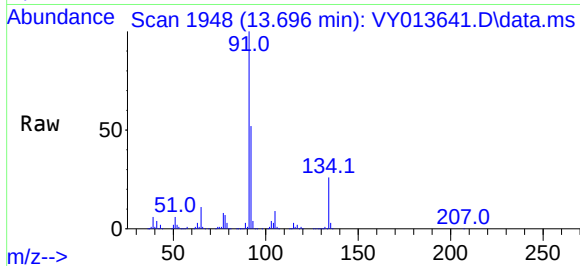




#89
n-Butylbenzene
Concen: 21.608 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

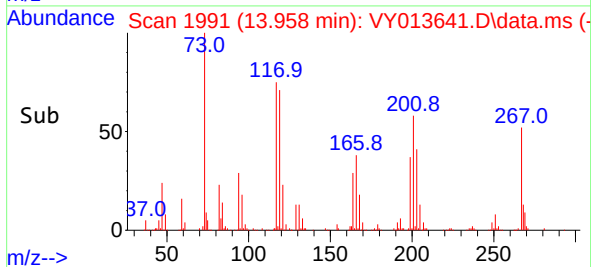
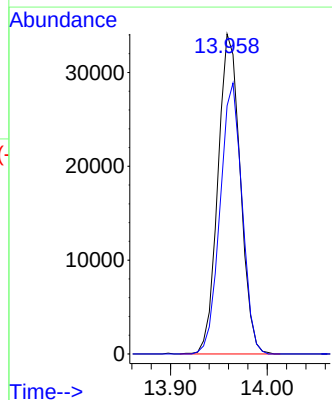
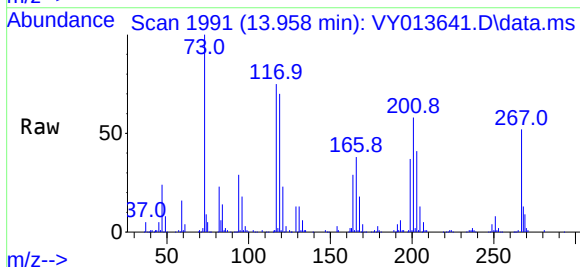
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

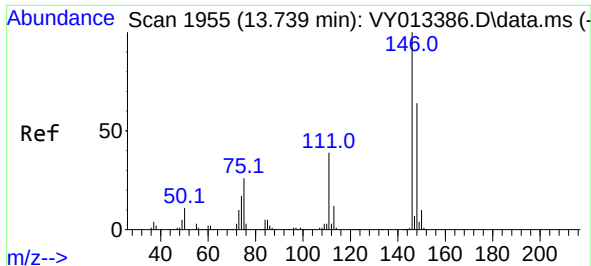
Tgt Ion: 91 Resp: 249221
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.3
134 25.7 13.5 40.4



#90
Hexachloroethane
Concen: 21.949 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion: 117 Resp: 54589
Ion Ratio Lower Upper
117 100
201 83.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.737 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013641.D

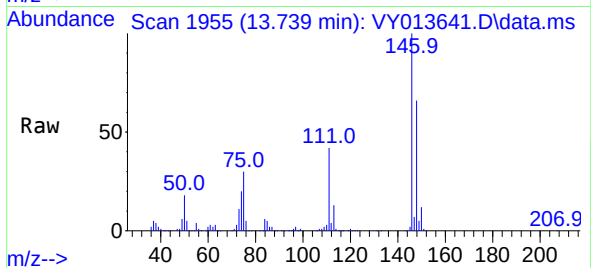
Acq: 08 May 2023 12:07

Instrument :

MSVOA_Y

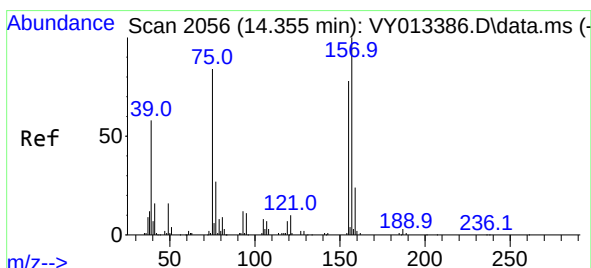
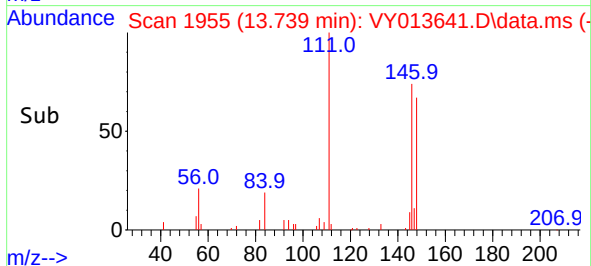
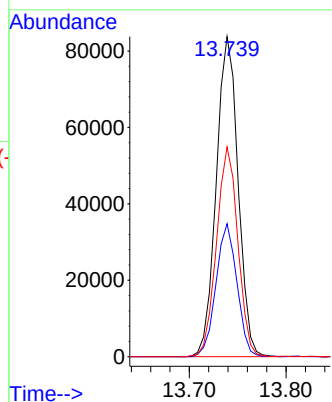
ClientSampleId :

VY0508SBS01



Tgt Ion:146 Resp: 131244

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	64.1	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.466 ug/l

RT: 14.355 min Scan# 2056

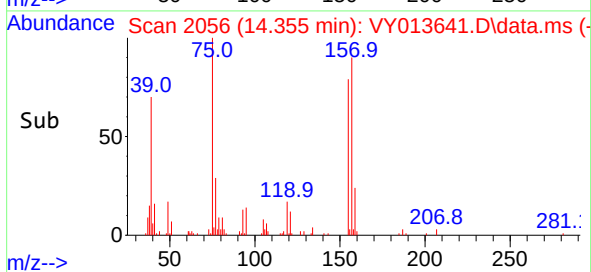
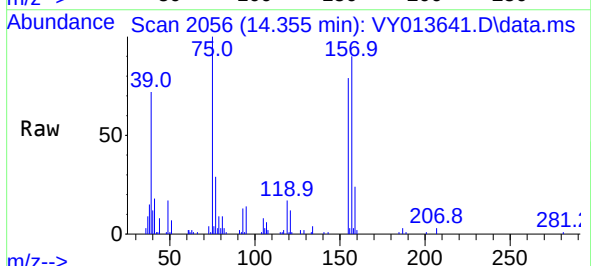
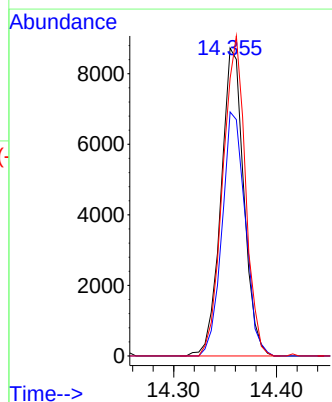
Delta R.T. -0.000 min

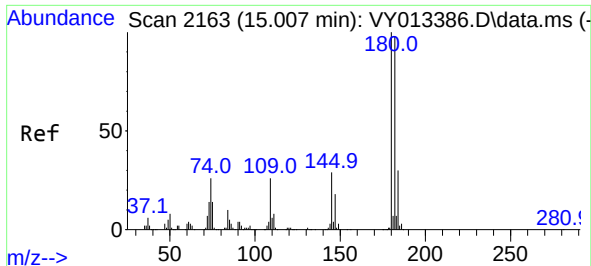
Lab File: VY013641.D

Acq: 08 May 2023 12:07

Tgt Ion: 75 Resp: 13429

Ion	Ratio	Lower	Upper
75	100		
155	80.6	44.6	134.0
157	103.0	57.6	172.7

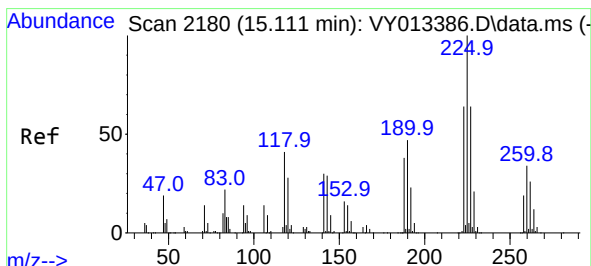
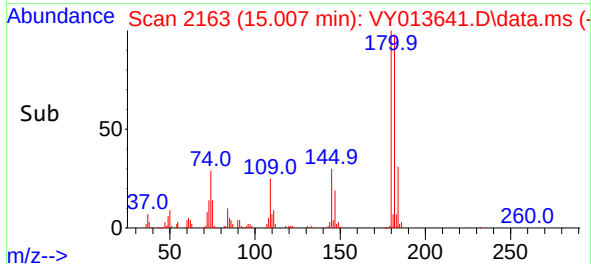
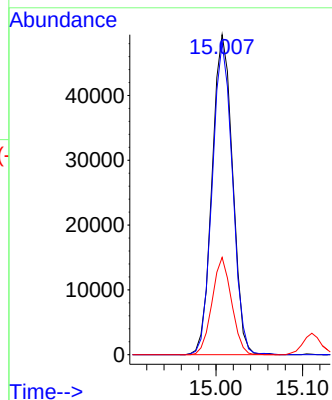
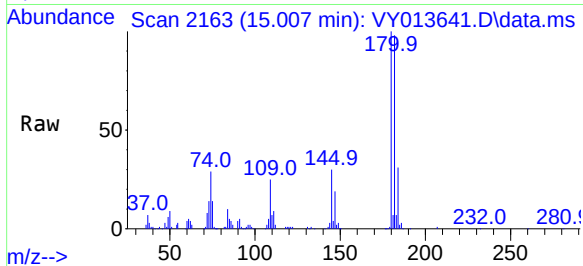




#93
1,2,4-Trichlorobenzene
Concen: 23.560 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

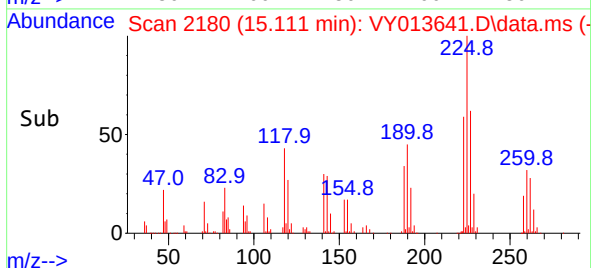
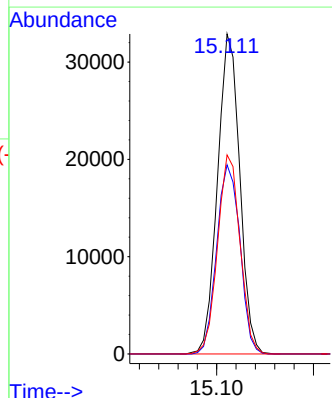
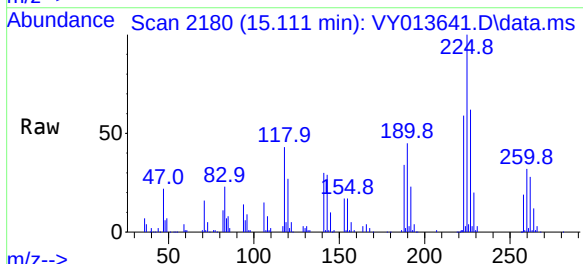
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

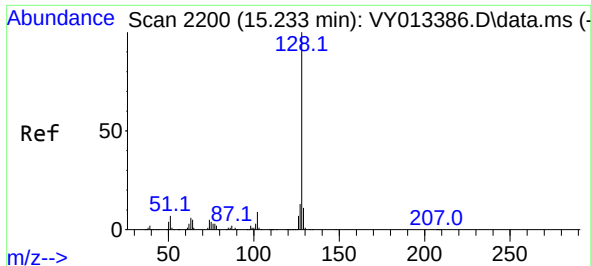
Tgt Ion:180	Resp:	81078
Ion Ratio	Lower	Upper
180	100	
182	96.1	48.5 145.5
145	28.9	15.0 45.0



#94
Hexachlorobutadiene
Concen: 26.142 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:225	Resp:	52359
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.4 94.2
227	62.8	32.0 96.0

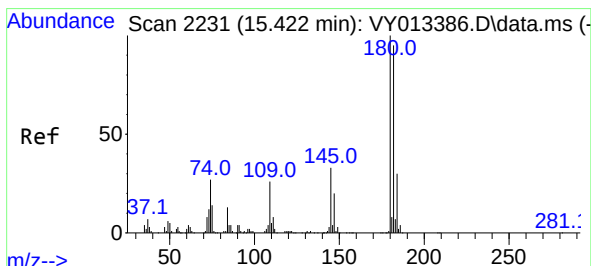
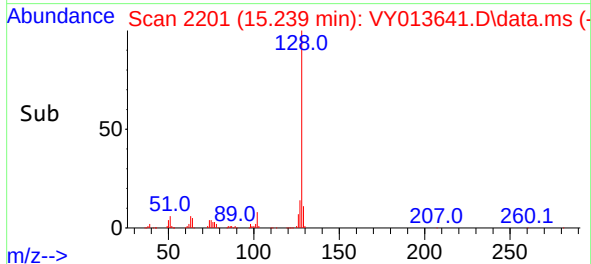
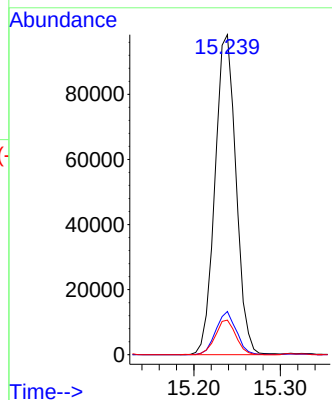
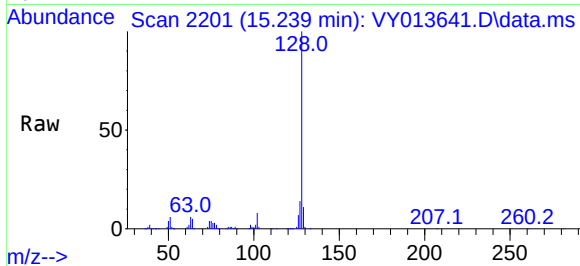




#95
Naphthalene
Concen: 22.210 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tgt Ion:128 Resp: 165839
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 24.357 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013641.D
Acq: 08 May 2023 12:07

Tgt Ion:180 Resp: 74709
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.3
145 31.3 15.9 47.7

