

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016124.D
 Acq On : 30 Oct 2023 11:05
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	304322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108406	51.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.716	113	108369	49.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.920%	
50) Toluene-d8	10.179	98	402447	50.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.483	95	137739	49.980	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	26906	18.367	ug/l	97
3) Chloromethane	2.113	50	34942	19.466	ug/l	100
4) Vinyl Chloride	2.253	62	40004	19.508	ug/l	99
5) Bromomethane	2.643	94	30393	19.940	ug/l	99
6) Chloroethane	2.790	64	28484	20.278	ug/l	96
7) Trichlorofluoromethane	3.119	101	65704	20.021	ug/l	98
8) Diethyl Ether	3.527	74	22844	20.769	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	39495	19.950	ug/l	95
10) Methyl Iodide	4.088	142	48582	19.206	ug/l	98
11) Tert butyl alcohol	4.948	59	28002	102.101	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	36023	19.861	ug/l	89
13) Acrolein	3.729	56	24622	93.662	ug/l	100
14) Allyl chloride	4.472	41	56325	19.865	ug/l #	96
15) Acrylonitrile	5.155	53	55892	103.582	ug/l	99
16) Acetone	3.948	43	55514	97.038	ug/l #	88
17) Carbon Disulfide	4.192	76	95181	18.971	ug/l	99
18) Methyl Acetate	4.478	43	40454	20.000	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	110876	21.436	ug/l	99
20) Methylene Chloride	4.716	84	48332	17.962	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	42735	20.326	ug/l	91
22) Diisopropyl ether	6.118	45	129001	20.807	ug/l	91
23) Vinyl Acetate	6.057	43	349169	105.114	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	76730	20.542	ug/l	97
25) 2-Butanone	6.984	43	81299	105.294	ug/l	98
26) 2,2-Dichloropropane	6.984	77	72898	20.994	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	50785	20.568	ug/l	94
28) Bromochloromethane	7.332	49	30345	19.858	ug/l	90
29) Tetrahydrofuran	7.350	42	46293	104.497	ug/l	88
30) Chloroform	7.508	83	82799	20.984	ug/l	100
31) Cyclohexane	7.783	56	64563	19.444	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	73500	20.767	ug/l	98
36) 1,1-Dichloropropene	7.917	75	60028	19.855	ug/l	98
37) Ethyl Acetate	7.069	43	32209	20.785	ug/l #	95
38) Carbon Tetrachloride	7.899	117	66330	20.747	ug/l	99
39) Methylcyclohexane	9.185	83	73268	19.893	ug/l	94
40) Benzene	8.161	78	177135	20.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16708	20.602	ug/l	93
42) 1,2-Dichloroethane	8.234	62	53122	21.478	ug/l	94
43) Isopropyl Acetate	8.270	43	60763	20.972	ug/l #	91
44) Trichloroethene	8.941	130	49325	20.637	ug/l	99
45) 1,2-Dichloropropane	9.215	63	44019	20.319	ug/l	95
46) Dibromomethane	9.307	93	26977	21.238	ug/l	96
47) Bromodichloromethane	9.496	83	64673	21.052	ug/l	95
48) Methyl methacrylate	9.295	41	28440	21.306	ug/l	88
49) 1,4-Dioxane	9.295	88	7122	448.136	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	162510	106.296	ug/l	91
52) Toluene	10.246	92	114210	20.779	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	66024	21.017	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	74521	20.977	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	37554	20.808	ug/l	92
56) Ethyl methacrylate	10.508	69	49062	21.152	ug/l	87
57) 1,3-Dichloropropane	10.788	76	63960	21.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	120730	104.556	ug/l	93
59) 2-Hexanone	10.831	43	119827	106.399	ug/l	90
60) Dibromochloromethane	10.983	129	45964	20.797	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35390	20.478	ug/l	100
64) Tetrachloroethene	10.721	164	41430	20.572	ug/l	97
65) Chlorobenzene	11.514	112	124063	20.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	47532	21.282	ug/l	99
67) Ethyl Benzene	11.593	91	220022	20.713	ug/l	99
68) m/p-Xylenes	11.703	106	171009	41.600	ug/l	95
69) o-Xylene	12.032	106	83071	21.108	ug/l	96
70) Styrene	12.044	104	138698	21.143	ug/l	96
71) Bromoform	12.209	173	29103	21.392	ug/l #	100
73) Isopropylbenzene	12.331	105	219385	20.922	ug/l	100
74) N-amyl acetate	12.142	43	54273	21.227	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	44984	20.986	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	57110	37.542	ug/l #	100
77) Bromobenzene	12.611	156	51132	20.894	ug/l	97
78) n-propylbenzene	12.672	91	262848	20.702	ug/l	99
79) 2-Chlorotoluene	12.757	91	147464	20.738	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	181811	20.883	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	14437	20.624	ug/l	96
82) 4-Chlorotoluene	12.855	91	153353	20.796	ug/l	100
83) tert-Butylbenzene	13.074	119	162007	20.935	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	180199	20.958	ug/l	97
85) sec-Butylbenzene	13.251	105	242159	21.010	ug/l	99
86) p-Isopropyltoluene	13.373	119	200511	20.848	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	103319	20.908	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	102857	21.061	ug/l	99
89) n-Butylbenzene	13.696	91	186519	20.790	ug/l	96
90) Hexachloroethane	13.964	117	38431	20.525	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	92182	21.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7222	21.461	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	56558	20.895	ug/l	96
94) Hexachlorobutadiene	15.111	225	32534	20.709	ug/l	99
95) Naphthalene	15.239	128	117381	22.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49152	21.057	ug/l	99

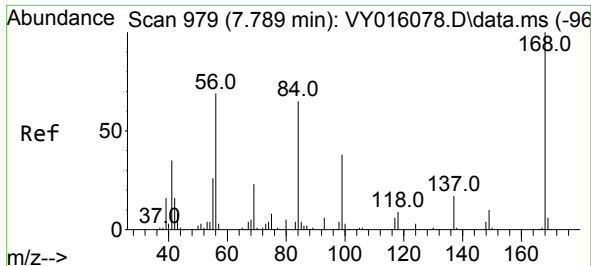
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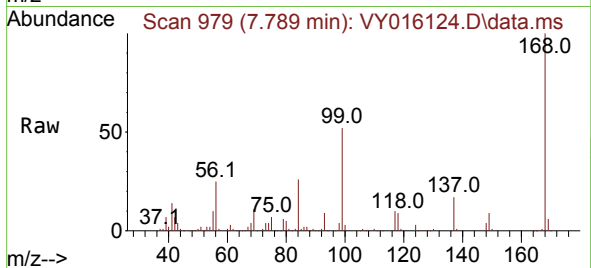
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

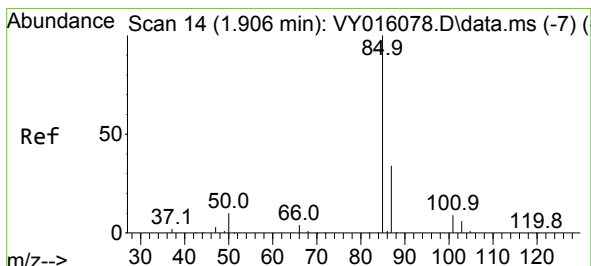
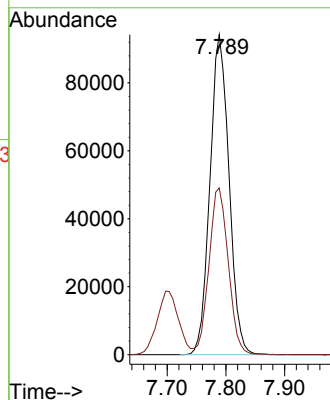
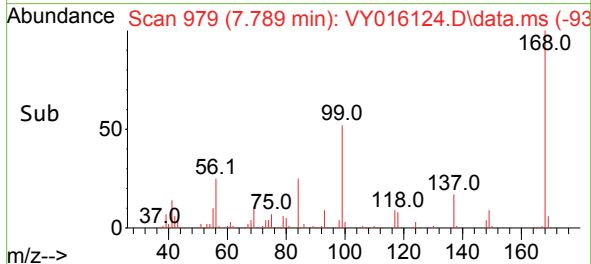


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016124.D
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Instrument :
MSVOA_Y
ClientSampleId :

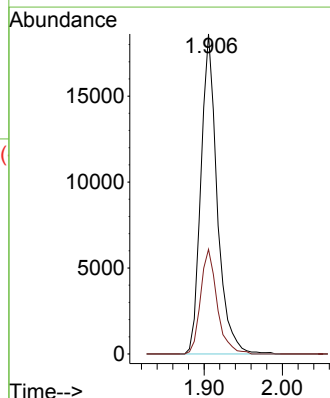
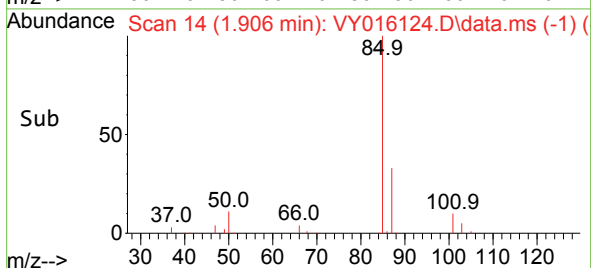
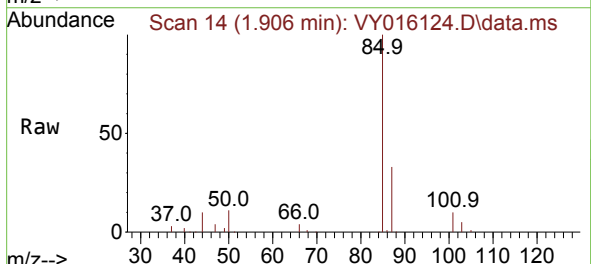


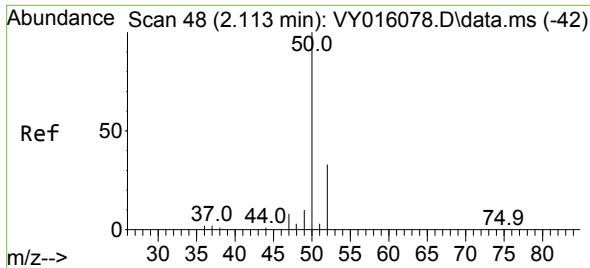
Tgt Ion:168 Resp: 212261
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.367 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 85 Resp: 26906
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

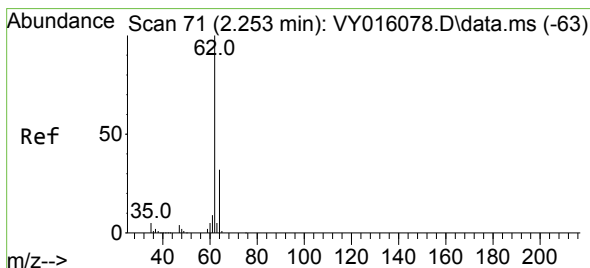
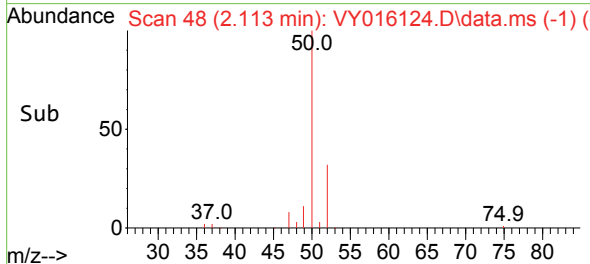
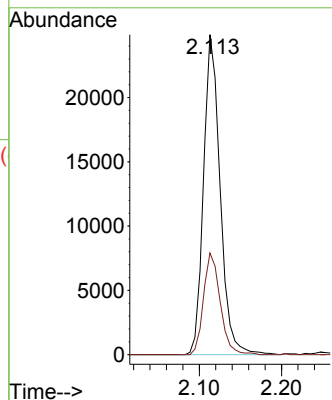
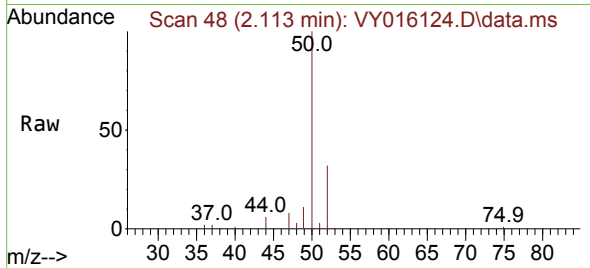




#3
Chloromethane
Concen: 19.466 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

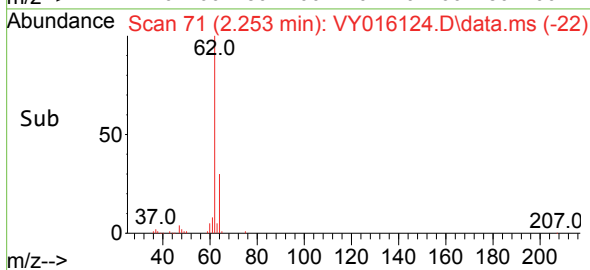
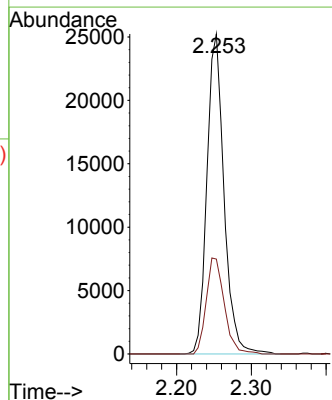
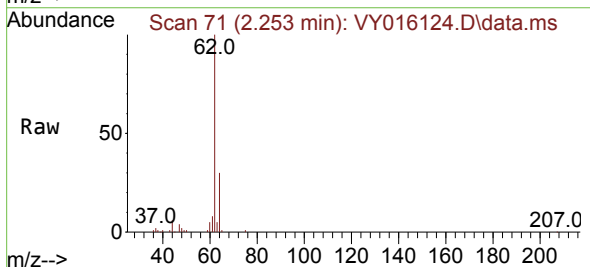
Instrument :
MSVOA_Y
ClientSampleId :

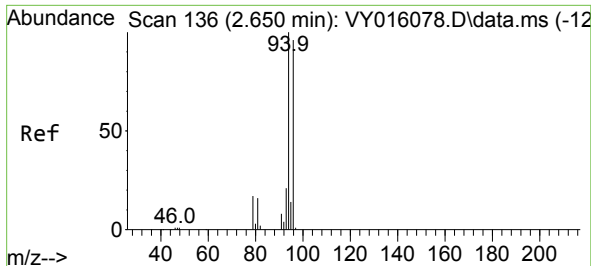
Tgt Ion: 50 Resp: 34942
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 19.508 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 62 Resp: 40004
Ion Ratio Lower Upper
62 100
64 29.7 24.3 36.5

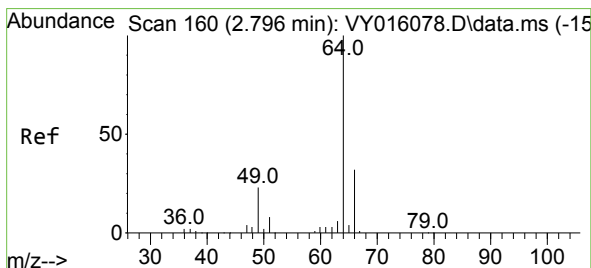
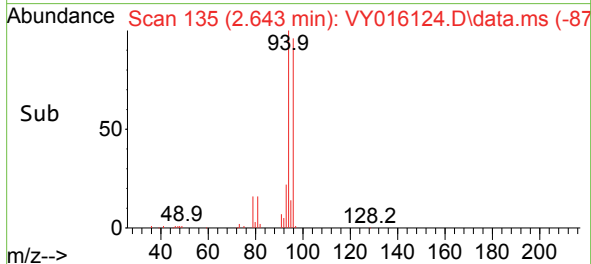
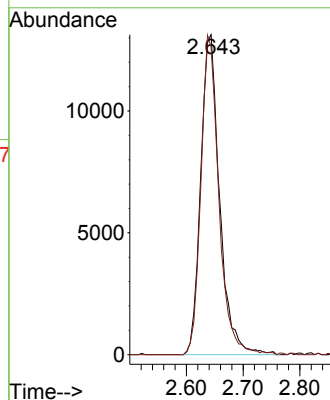
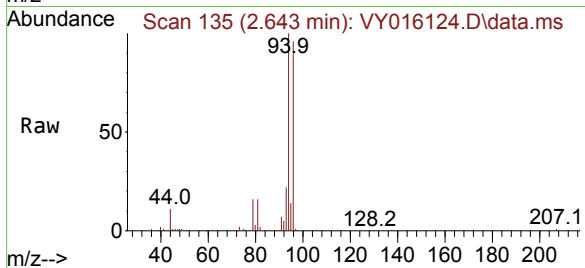




#5
Bromomethane
Concen: 19.940 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

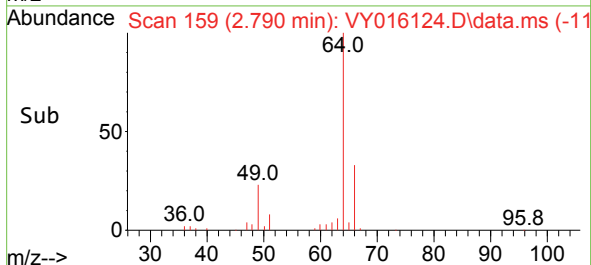
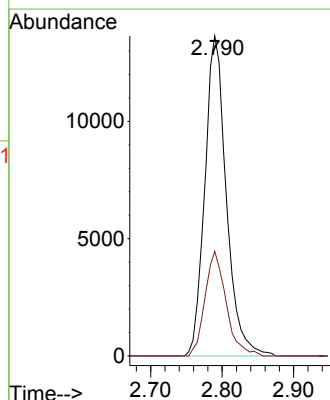
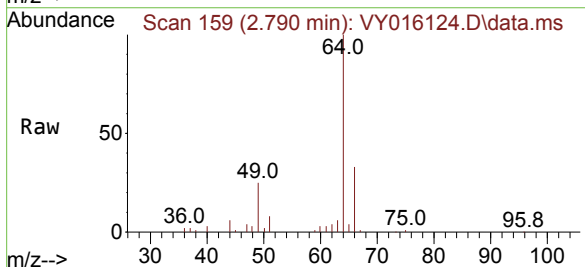
Instrument :
MSVOA_Y
ClientSampleId :

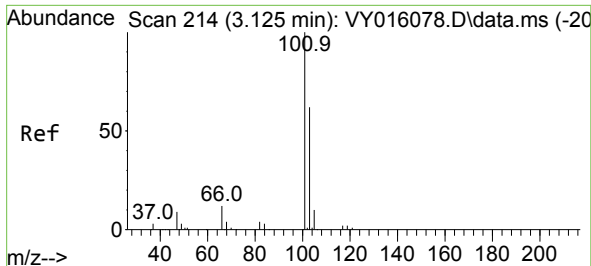
Tgt Ion: 94 Resp: 30393
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.6



#6
Chloroethane
Concen: 20.278 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY016124.D
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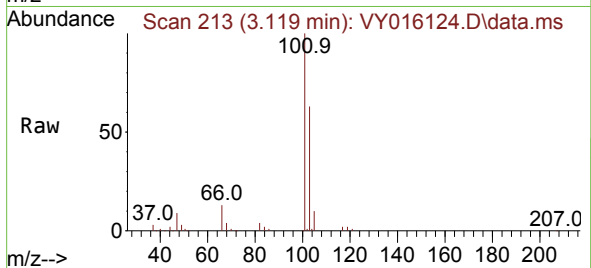
Tgt Ion: 64 Resp: 28484
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6



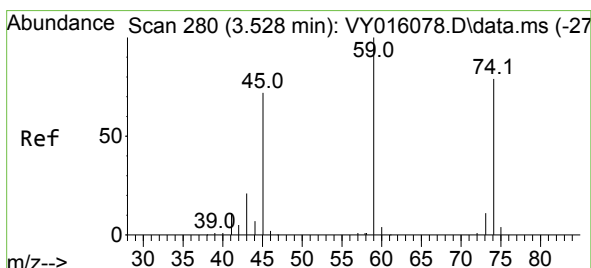
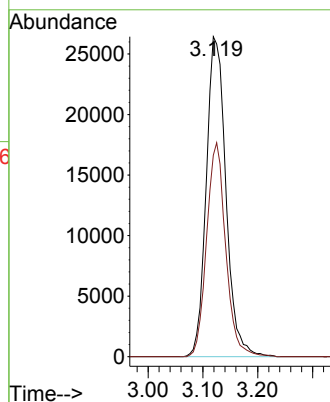
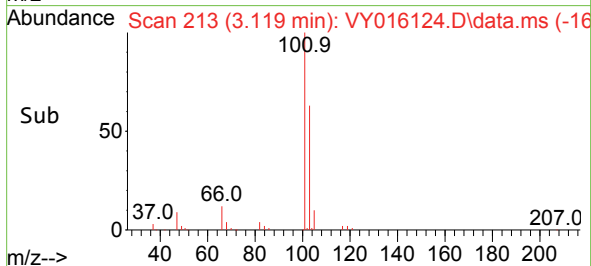


#7
Trichlorofluoromethane
Concen: 20.021 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
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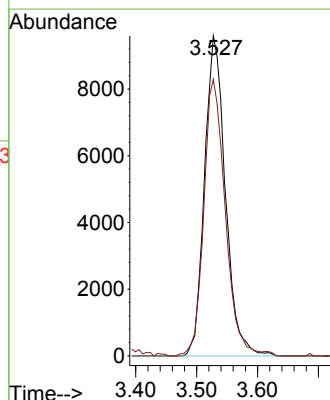
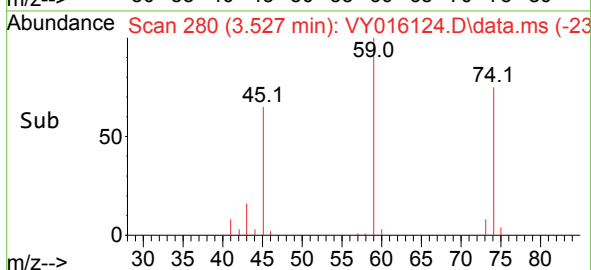
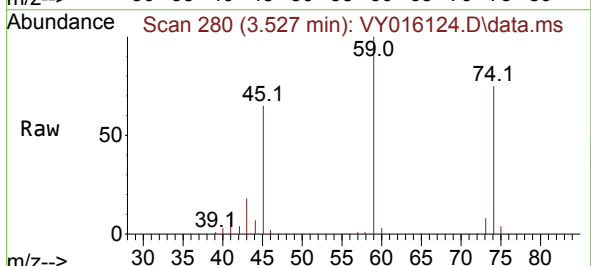


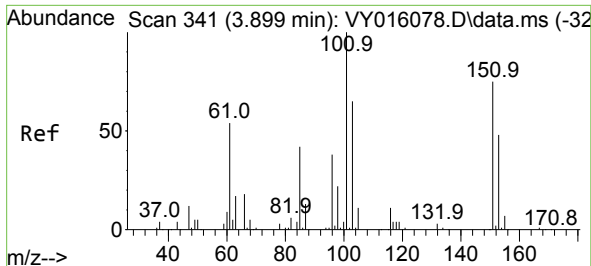
Tgt Ion:101 Resp: 65704
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.0



#8
Diethyl Ether
Concen: 20.769 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 74 Resp: 22844
Ion Ratio Lower Upper
74 100
45 89.3 51.5 154.5

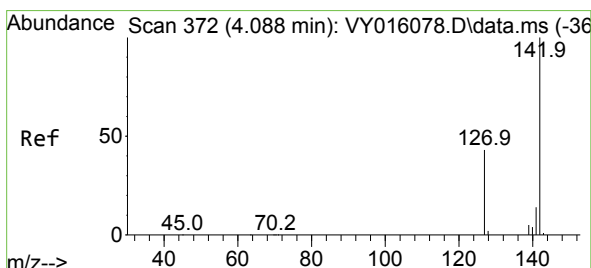
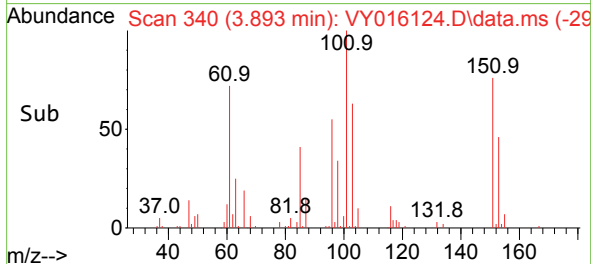
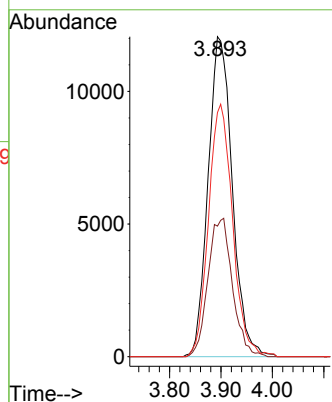
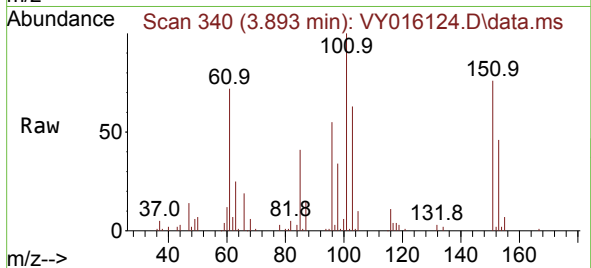




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.950 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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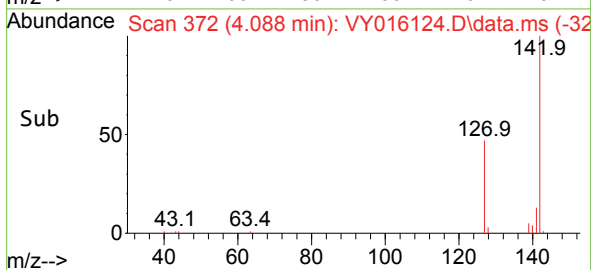
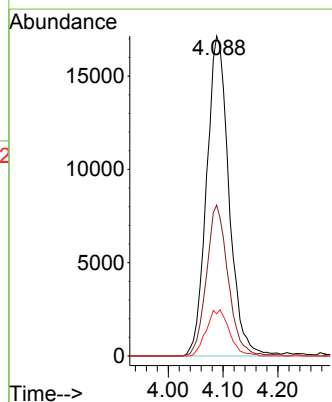
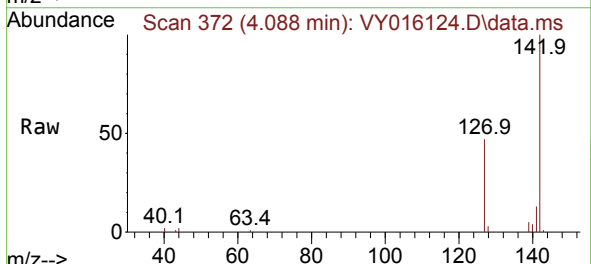
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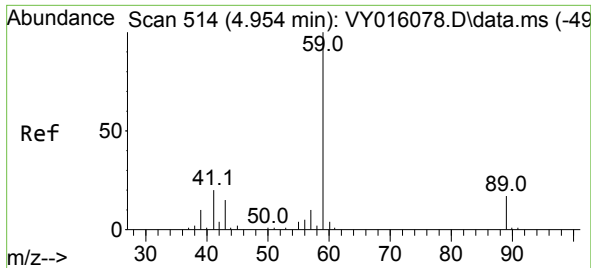
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Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 19.206 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion:142 Resp: 48582
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.9 11.8 17.8

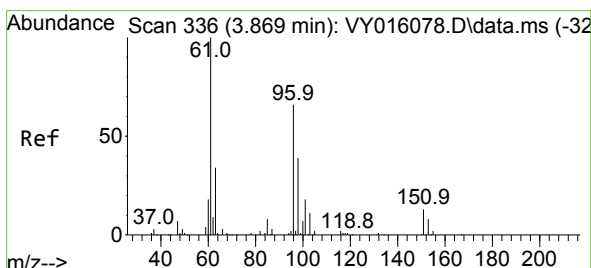
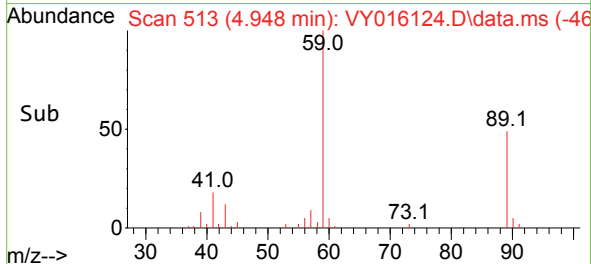
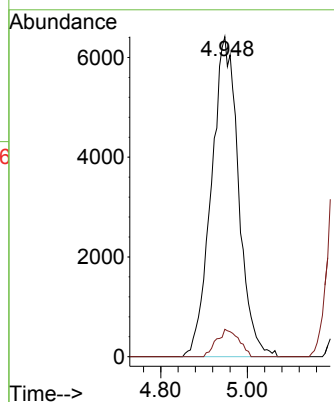
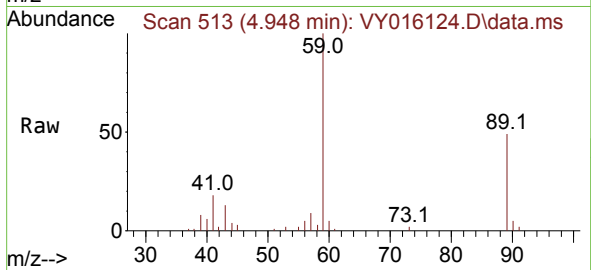




#11
Tert butyl alcohol
Concen: 102.101 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

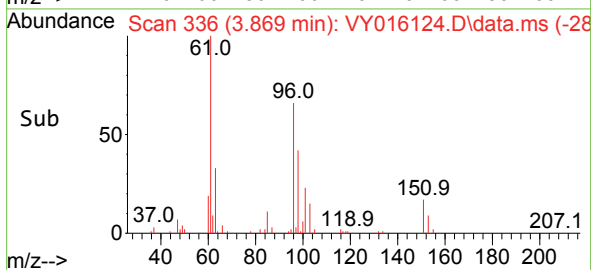
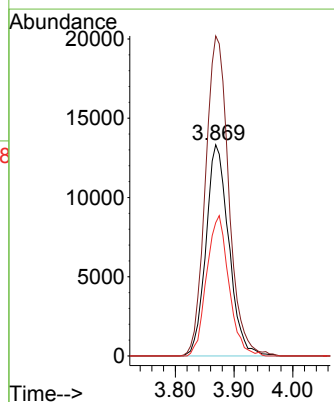
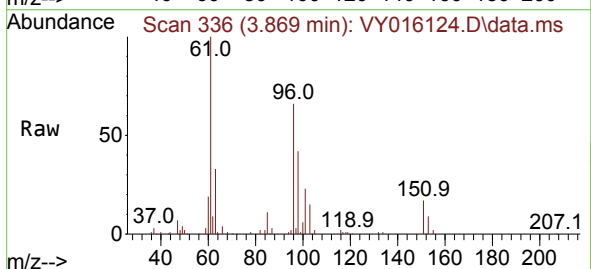
Instrument :
MSVOA_Y
ClientSampleId :

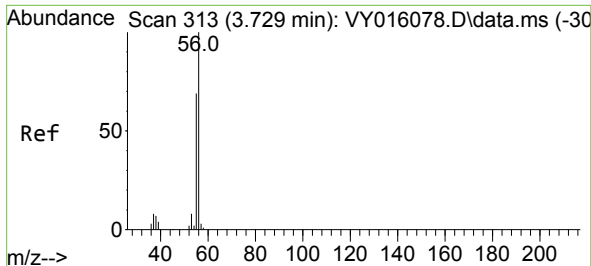
Tgt Ion: 59 Resp: 28002
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.861 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

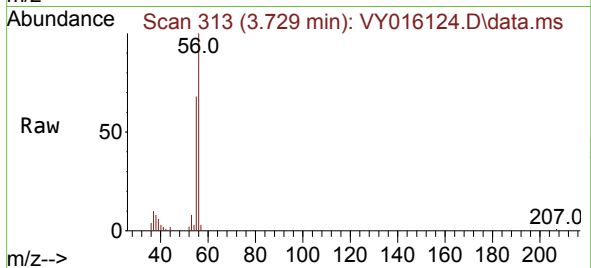
Tgt Ion: 96 Resp: 36023
Ion Ratio Lower Upper
96 100
61 151.5 136.4 204.6
98 63.1 49.4 74.2



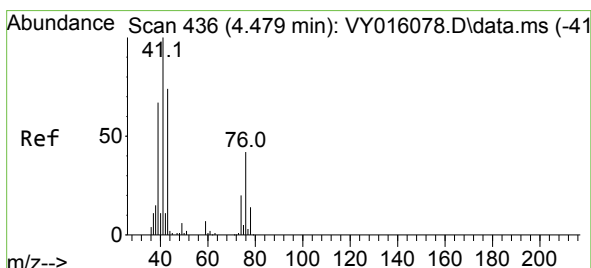
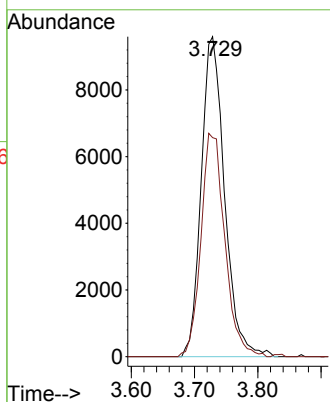
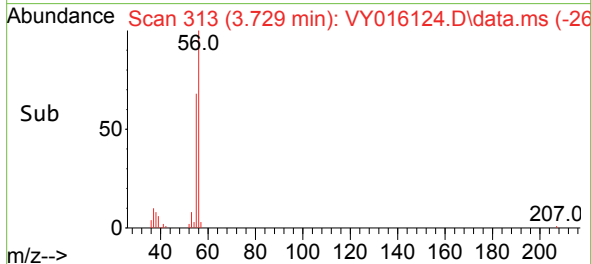


#13
Acrolein
Concen: 93.662 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

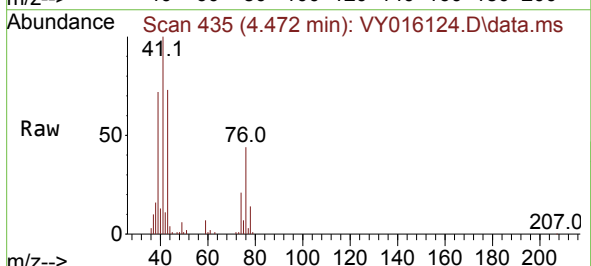
Instrument :
MSVOA_Y
ClientSampleId :



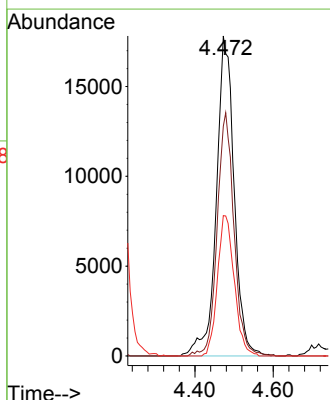
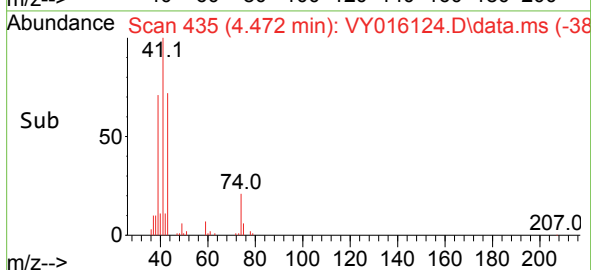
Tgt Ion: 56 Resp: 24622
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.4

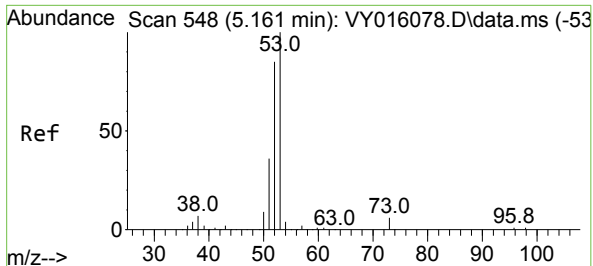


#14
Allyl chloride
Concen: 19.865 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05



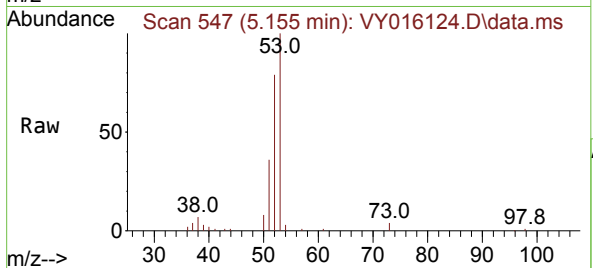
Tgt Ion: 41 Resp: 56325
Ion Ratio Lower Upper
41 100
39 71.9 58.0 87.0
76 41.5 27.4 41.2#



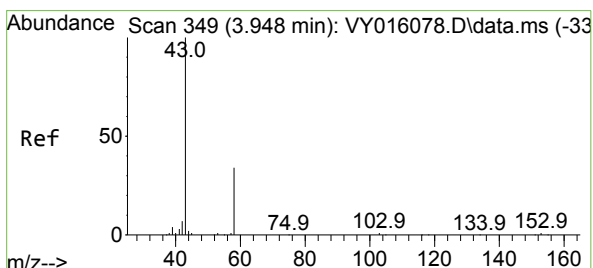
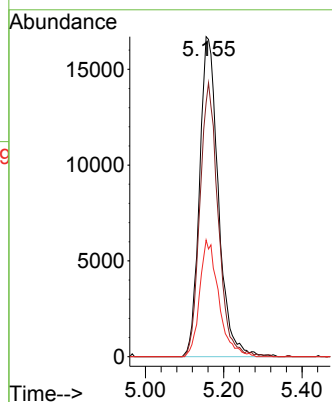
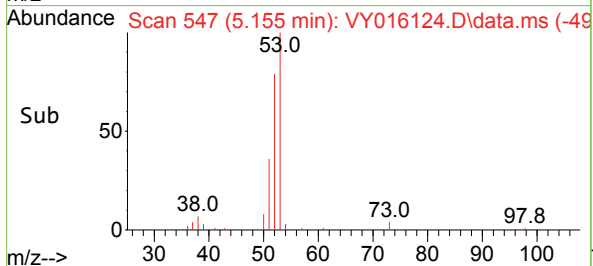


#15
Acrylonitrile
Concen: 103.582 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

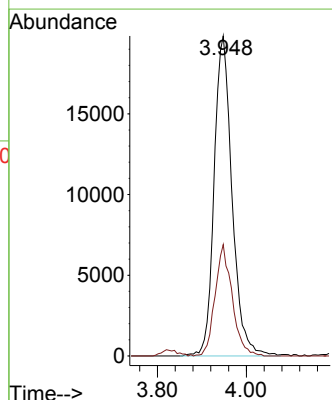
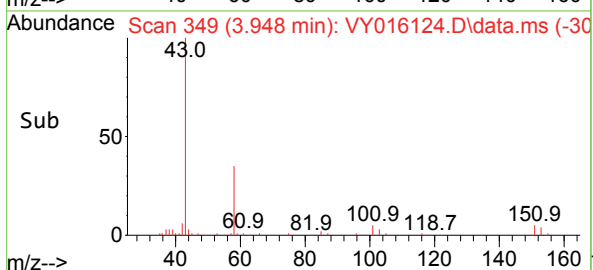
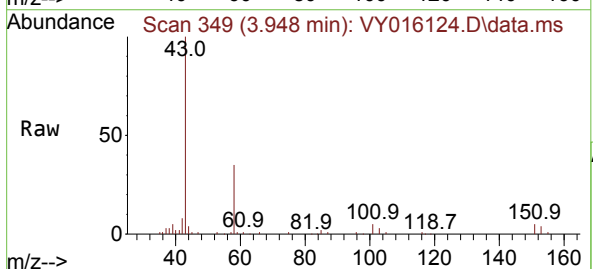


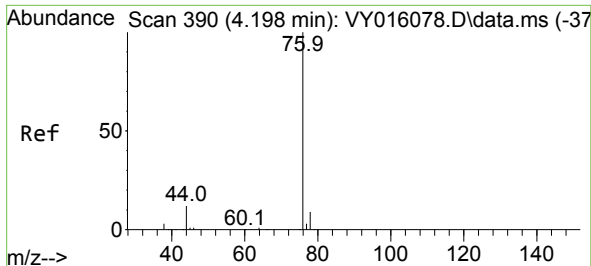
Tgt Ion: 53 Resp: 55892
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 97.038 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 43 Resp: 55514
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#





#17

Carbon Disulfide

Concen: 18.971 ug/l

RT: 4.192 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

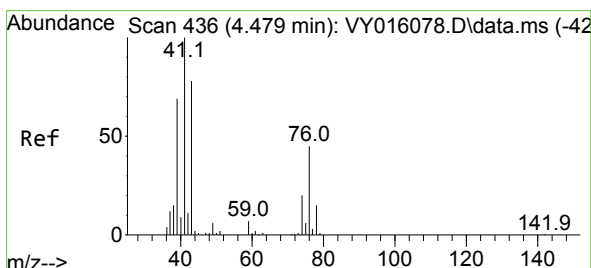
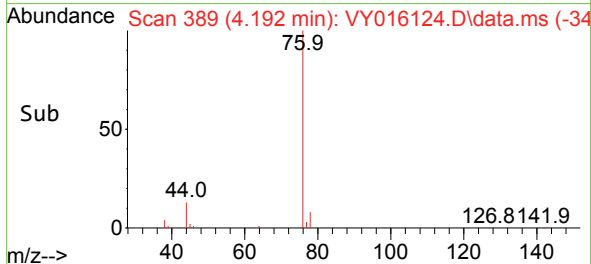
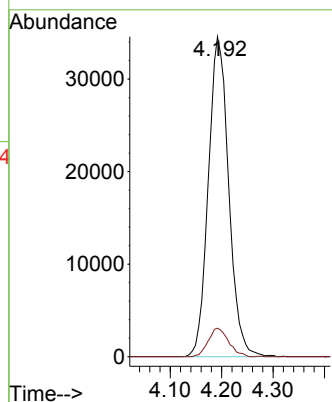
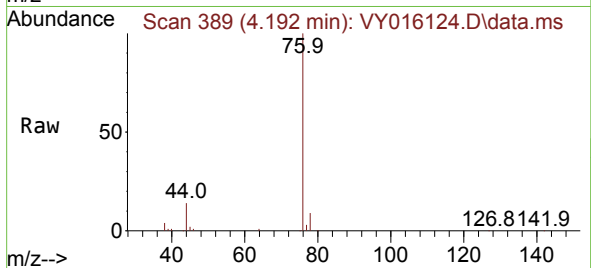
ClientSampleId :

Tgt Ion: 76 Resp: 95181

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 20.000 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY016124.D

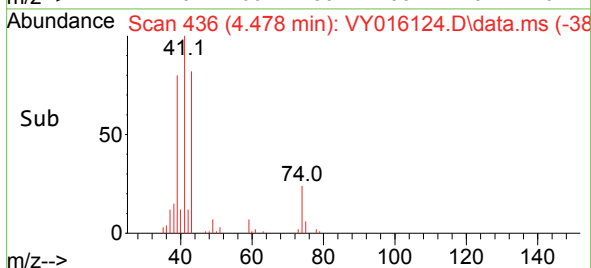
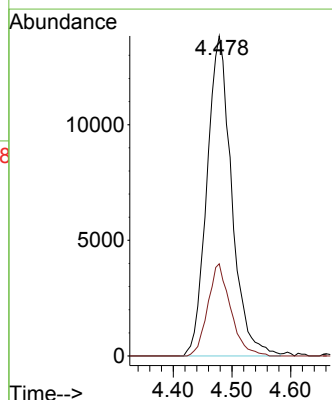
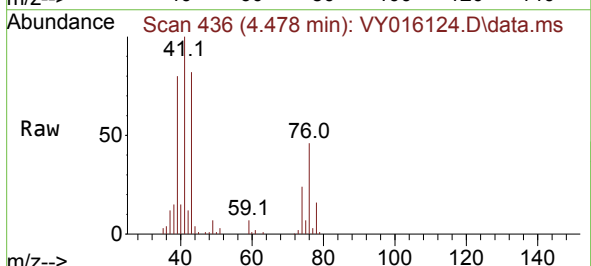
Acq: 30 Oct 2023 11:05

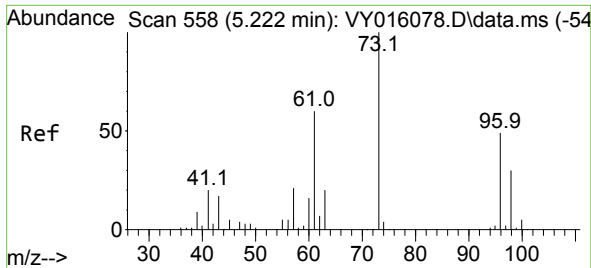
Tgt Ion: 43 Resp: 40454

Ion Ratio Lower Upper

43 100

74 26.7 17.4 26.0#

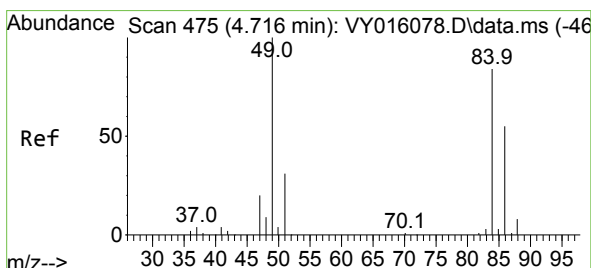
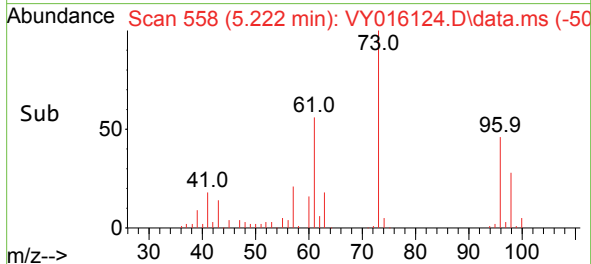
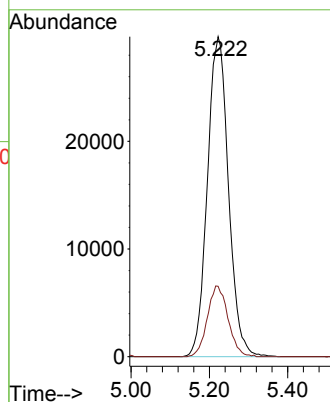
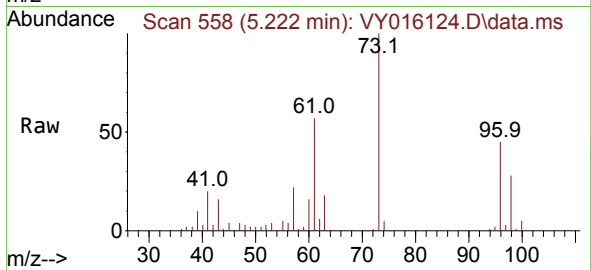




#19
Methyl tert-butyl Ether
Concen: 21.436 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

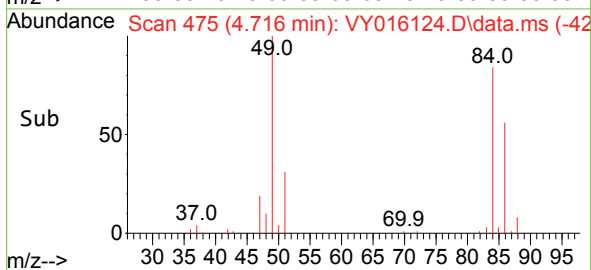
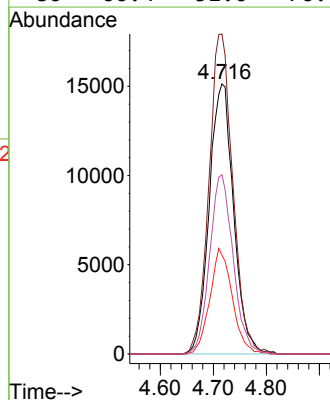
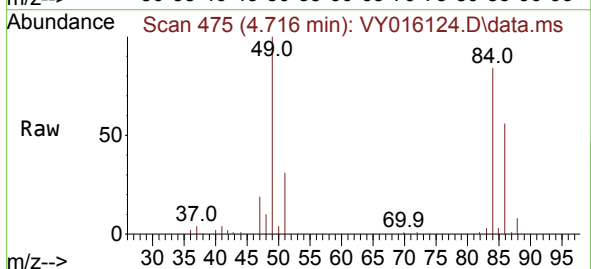
Instrument :
MSVOA_Y
ClientSampleId :

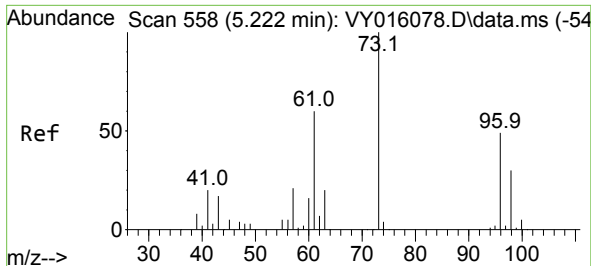
Tgt Ion: 73 Resp: 110876
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 17.962 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 84 Resp: 48332
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.6 33.2 49.8
86 66.4 51.0 76.6

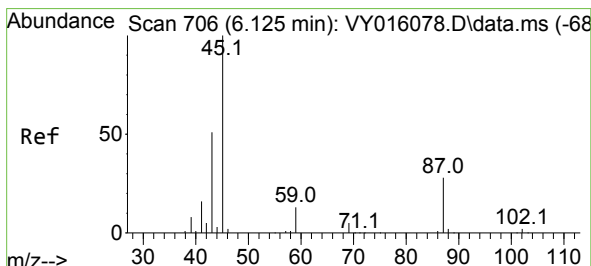
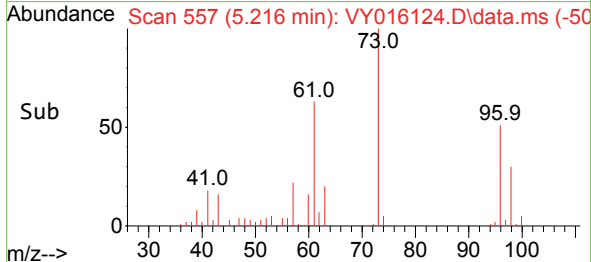
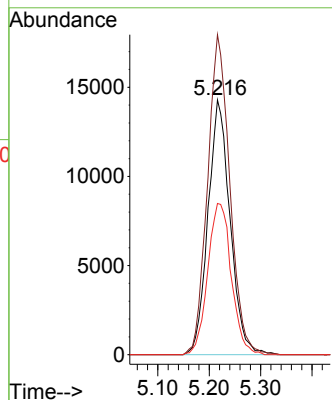
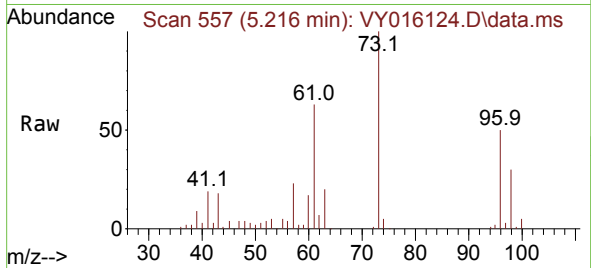




#21
trans-1,2-Dichloroethene
Concen: 20.326 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

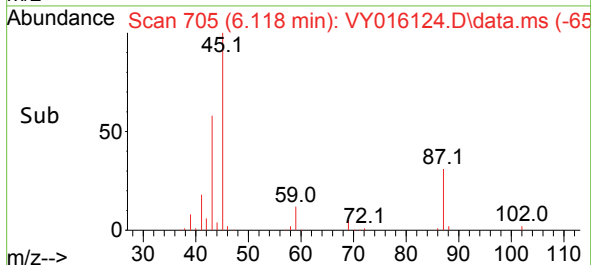
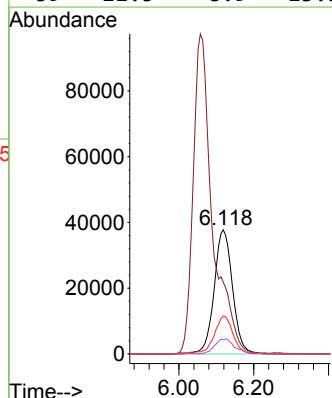
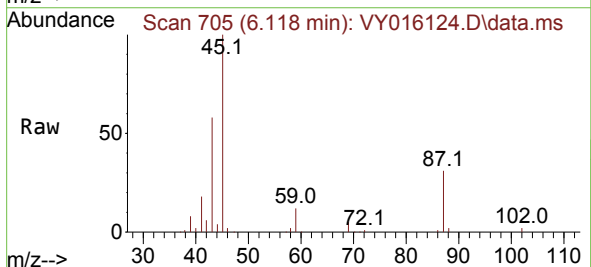
Instrument :
MSVOA_Y
ClientSampleId :

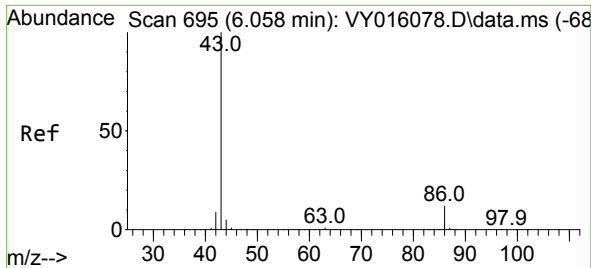
Tgt Ion: 96 Resp: 42735
Ion Ratio Lower Upper
96 100
61 125.6 110.2 165.4
98 59.4 51.8 77.6



#22
Diisopropyl ether
Concen: 20.807 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 45 Resp: 129001
Ion Ratio Lower Upper
45 100
43 57.0 52.2 78.4
87 30.5 21.0 31.6
59 11.5 8.9 13.3

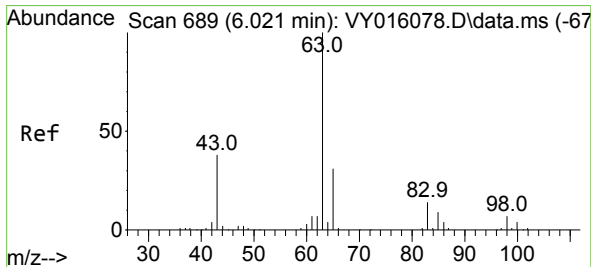
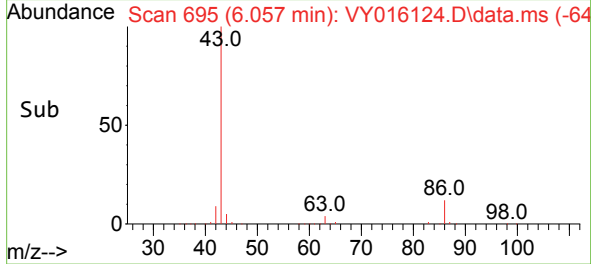
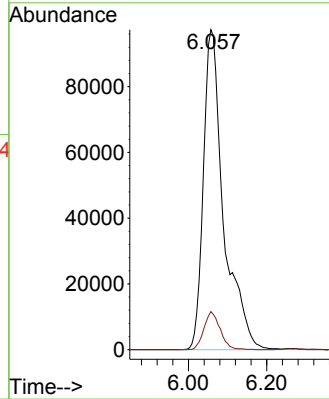
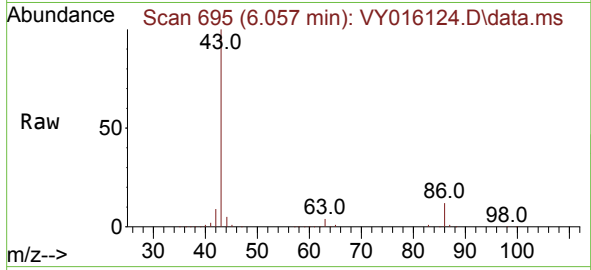




#23
 Vinyl Acetate
 Concen: 105.114 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY016124.D
 Acq: 30 Oct 2023 11:05

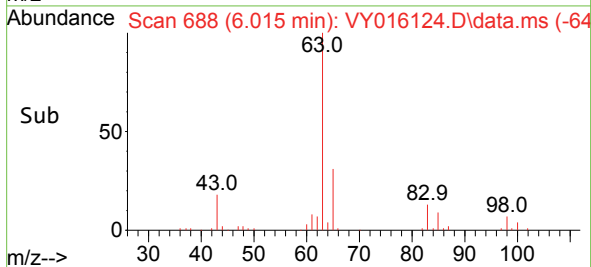
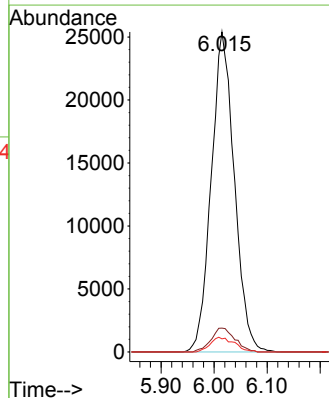
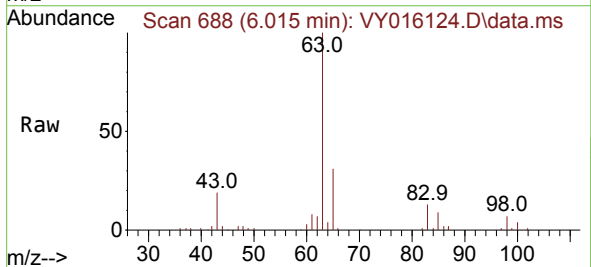
Instrument :
 MSVOA_Y
 ClientSampleId :

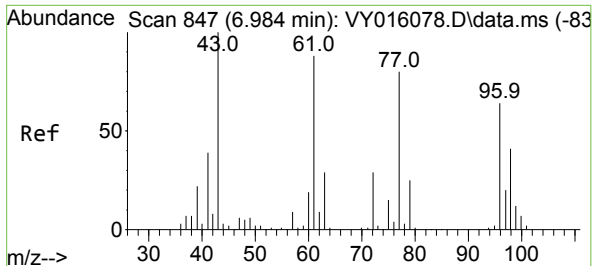
Tgt Ion: 43 Resp: 349169
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.542 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016124.D
 Acq: 30 Oct 2023 11:05

Tgt Ion: 63 Resp: 76730
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 105.294 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

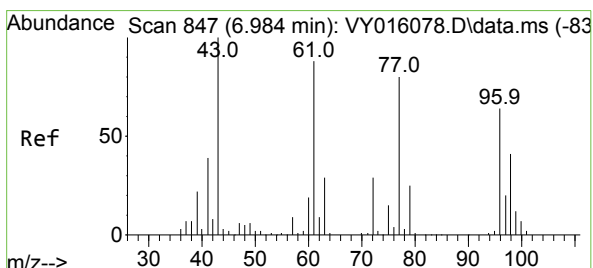
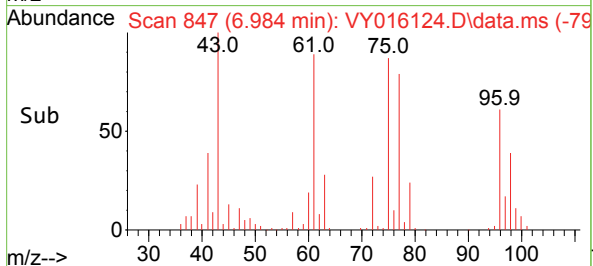
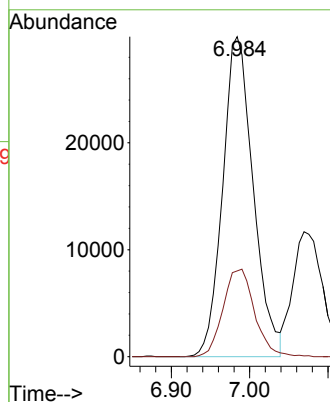
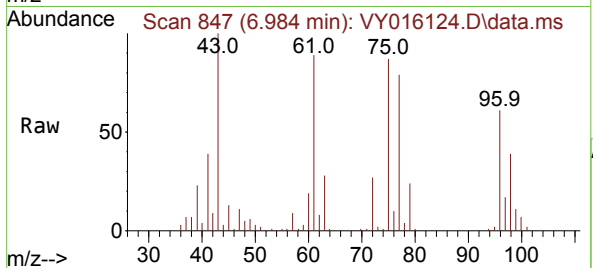
ClientSampleId :

Tgt Ion: 43 Resp: 81299

Ion Ratio Lower Upper

43 100

72 26.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.994 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016124.D

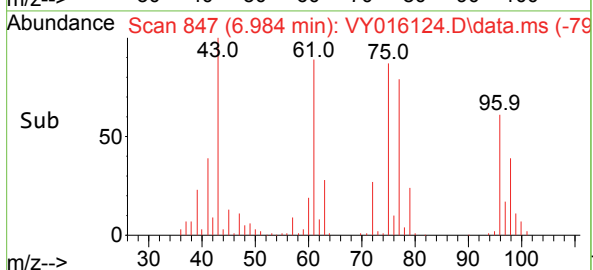
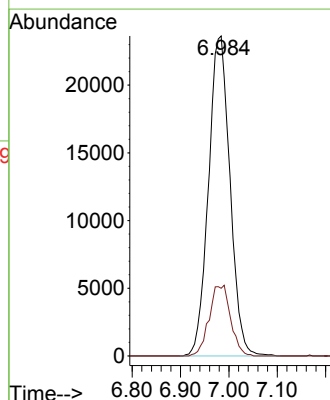
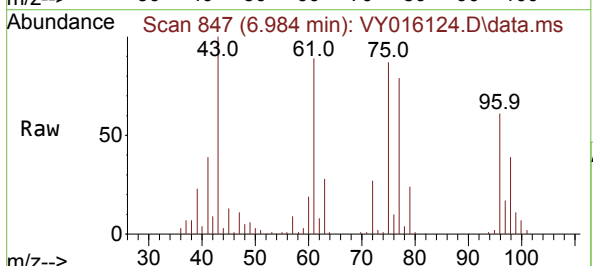
Acq: 30 Oct 2023 11:05

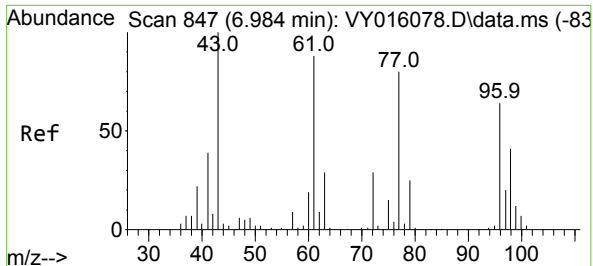
Tgt Ion: 77 Resp: 72898

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.568 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

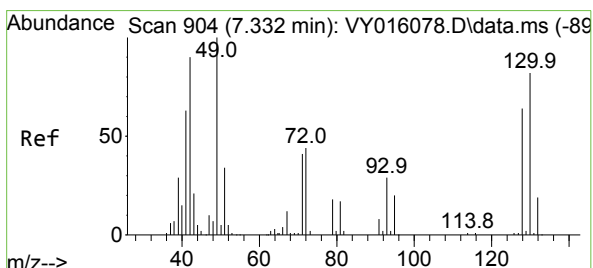
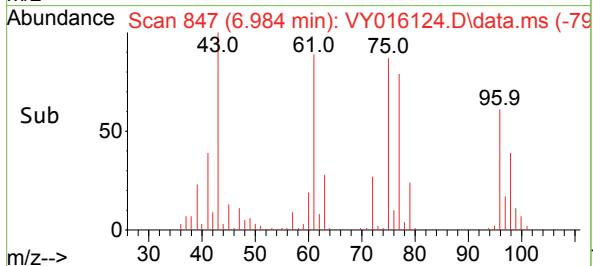
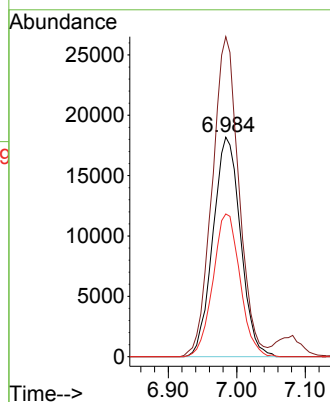
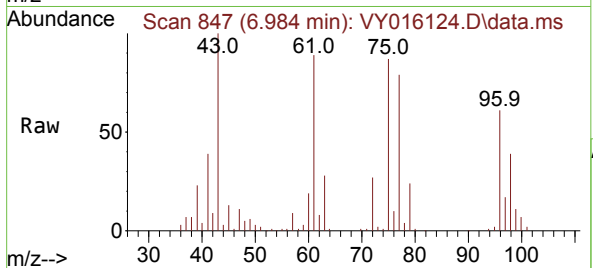
Tgt Ion: 96 Resp: 50785

Ion Ratio Lower Upper

96 100

61 141.4 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.858 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

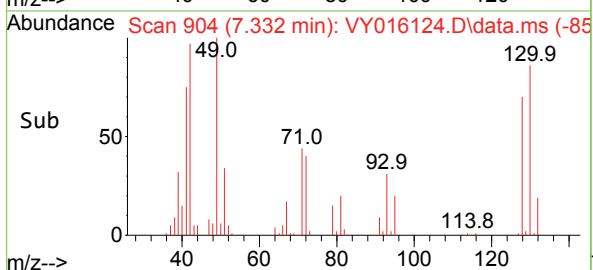
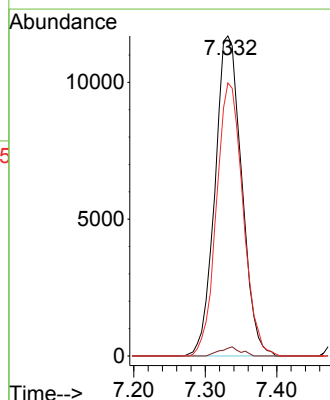
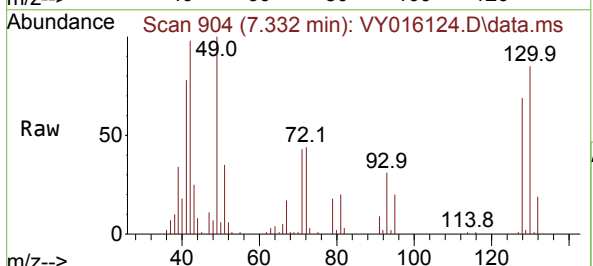
Tgt Ion: 49 Resp: 30345

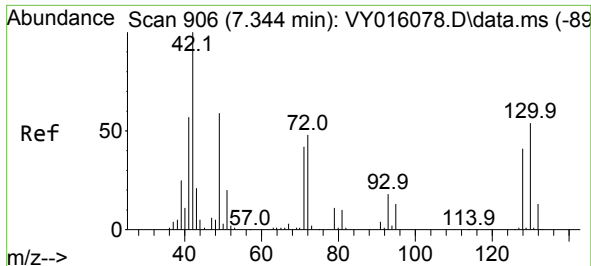
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 84.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.497 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

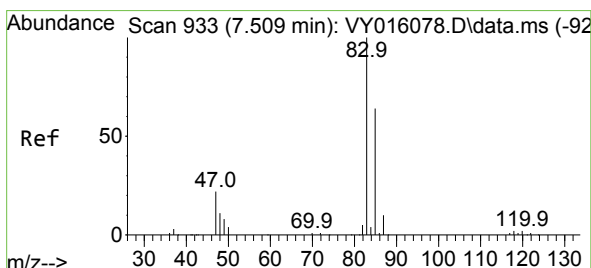
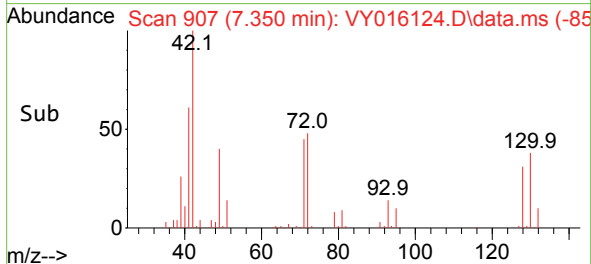
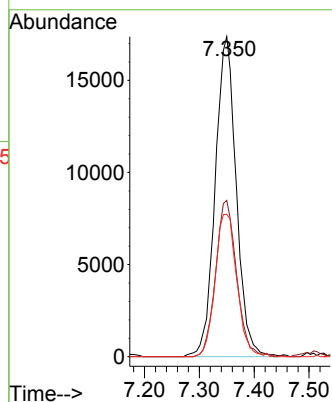
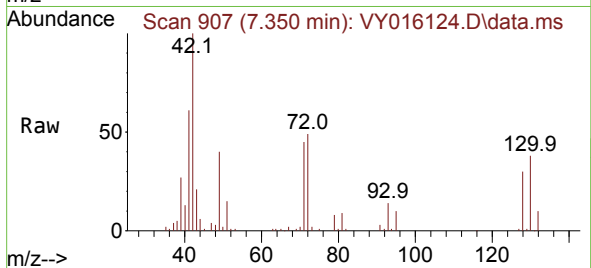
Tgt Ion: 42 Resp: 46293

Ion Ratio Lower Upper

42 100

72 48.6 32.8 49.2

71 46.0 31.0 46.4



#30

Chloroform

Concen: 20.984 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016124.D

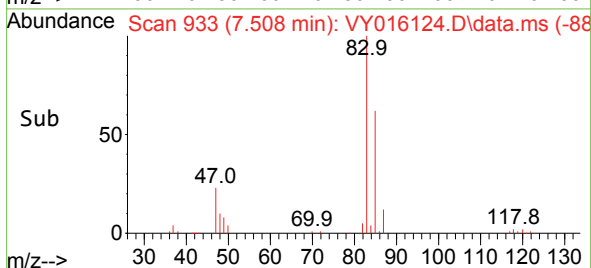
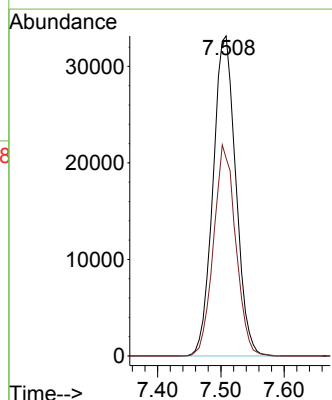
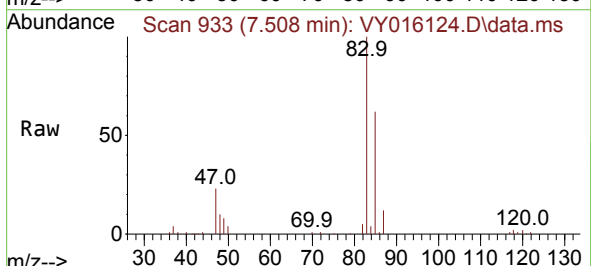
Acq: 30 Oct 2023 11:05

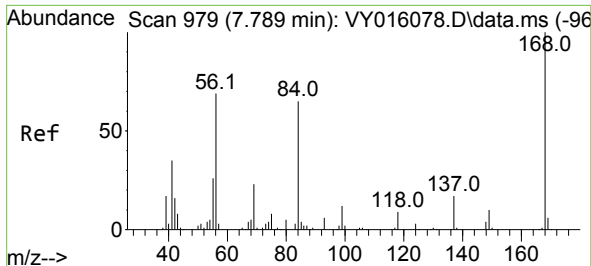
Tgt Ion: 83 Resp: 82799

Ion Ratio Lower Upper

83 100

85 61.8 49.7 74.5

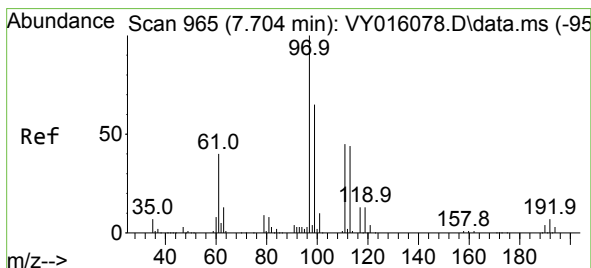
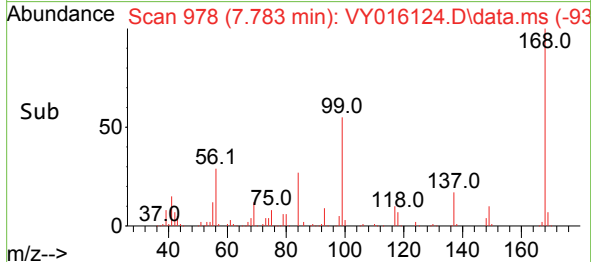
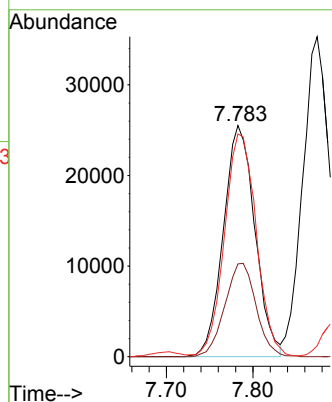
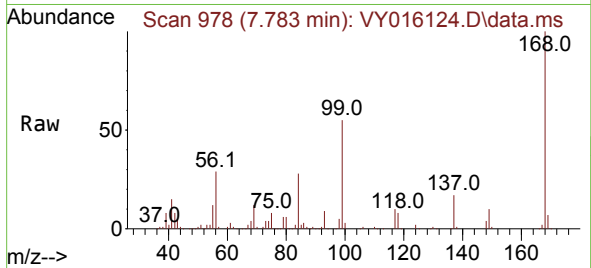




#31
Cyclohexane
Concen: 19.444 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

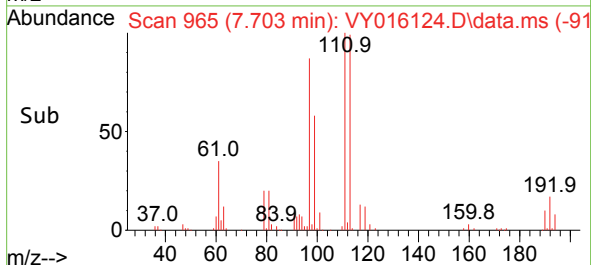
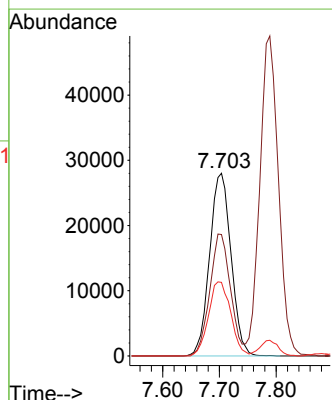
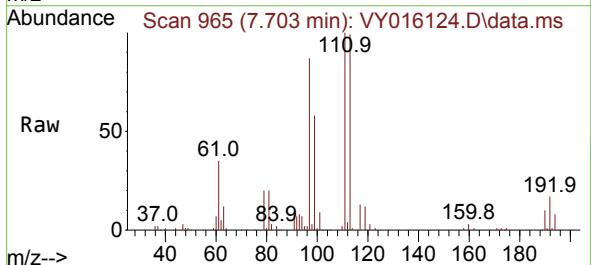
Instrument :
MSVOA_Y
ClientSampleId :

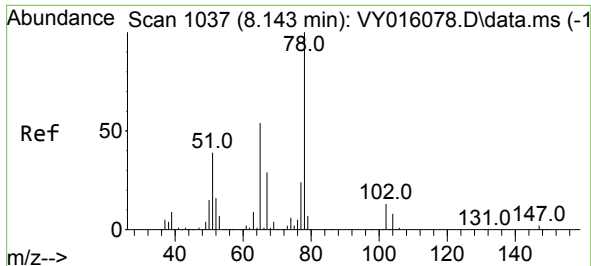
Tgt Ion: 56 Resp: 64563
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 95.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.767 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 97 Resp: 73500
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.362 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

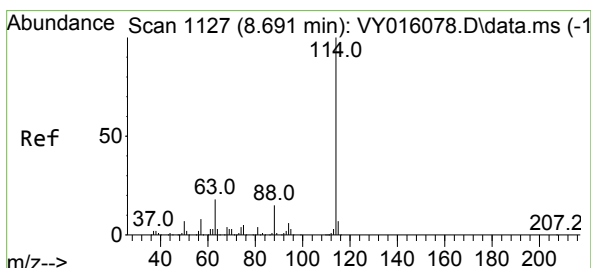
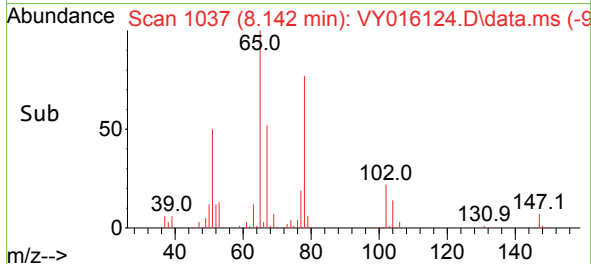
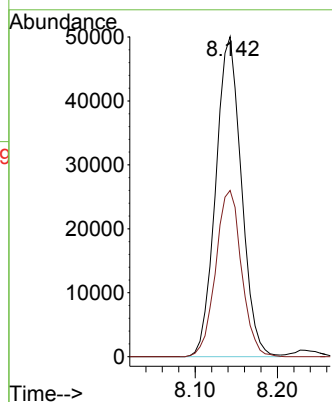
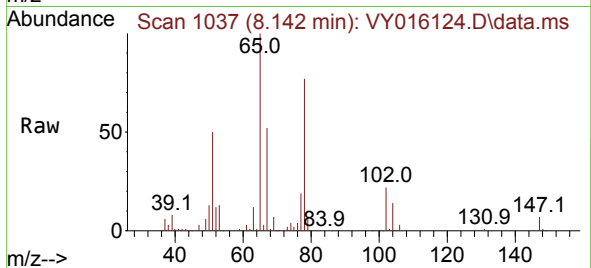
ClientSampleId :

Tgt Ion: 65 Resp: 108406

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

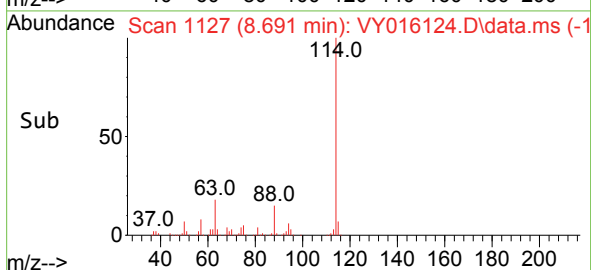
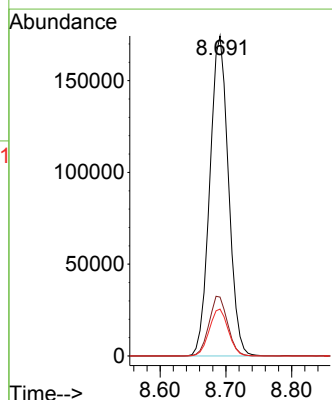
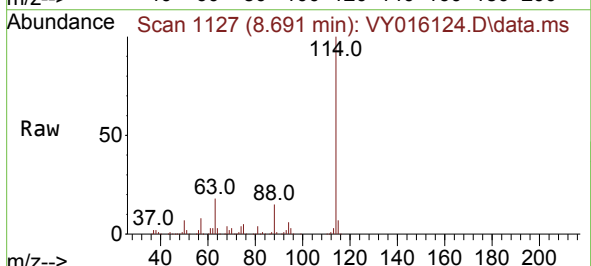
Tgt Ion: 114 Resp: 343564

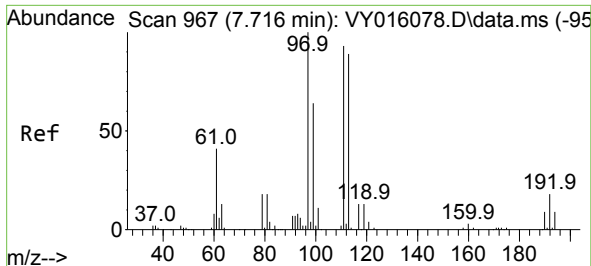
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

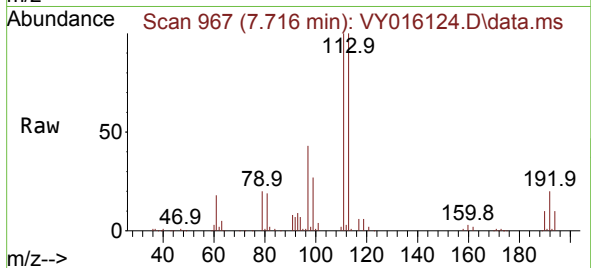
88 14.7 0.0 30.6



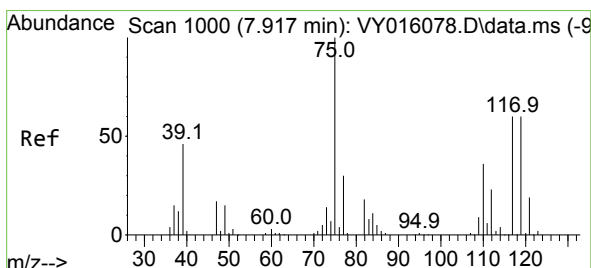
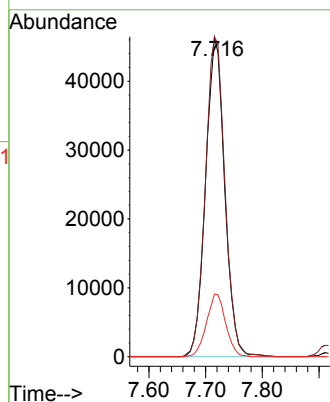
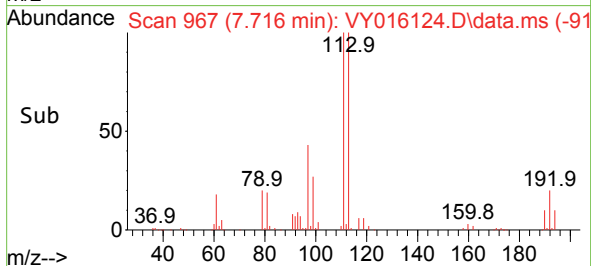


#35
Dibromofluoromethane
Concen: 49.965 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

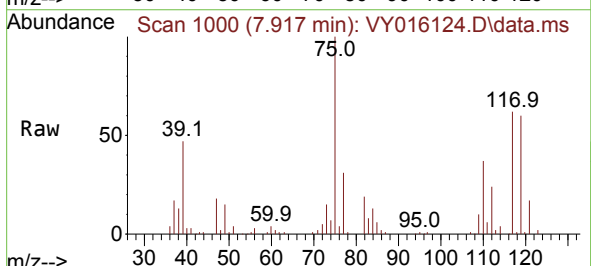
Instrument :
MSVOA_Y
ClientSampleId :



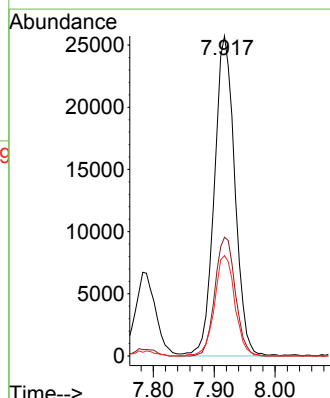
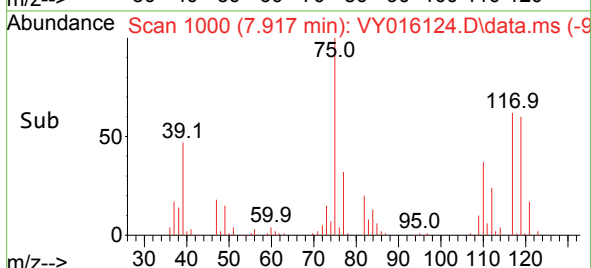
Tgt Ion:113 Resp: 108369
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.7 16.9 25.3

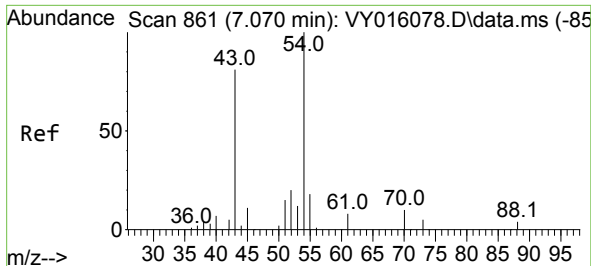


#36
1,1-Dichloropropene
Concen: 19.855 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05



Tgt Ion: 75 Resp: 60028
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 20.785 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

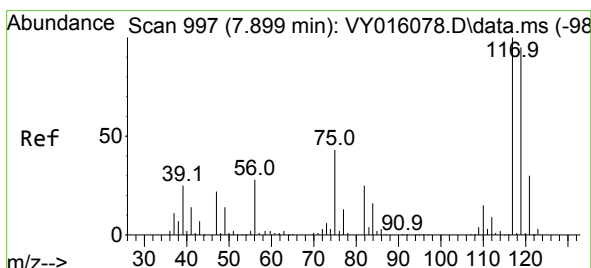
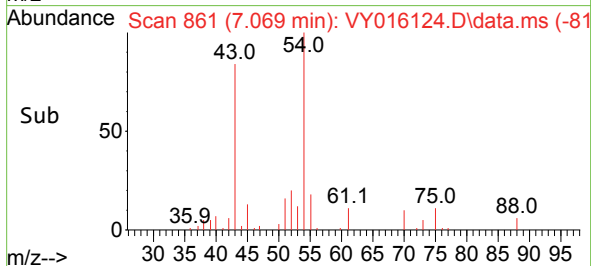
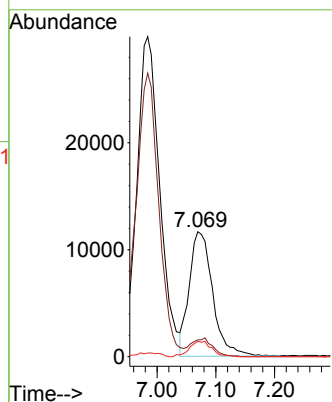
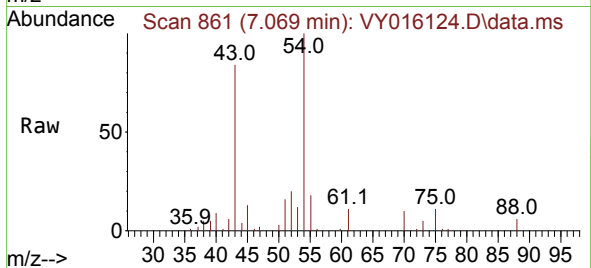
Tgt Ion: 43 Resp: 32209

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 11.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.747 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

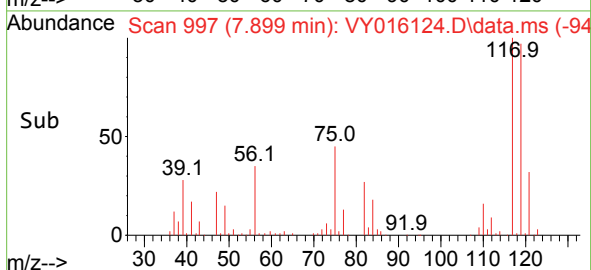
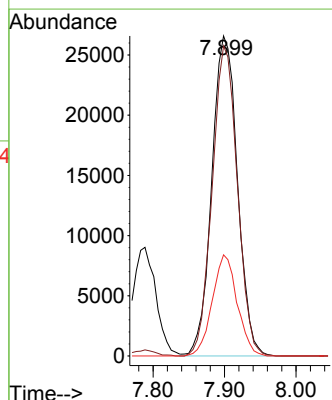
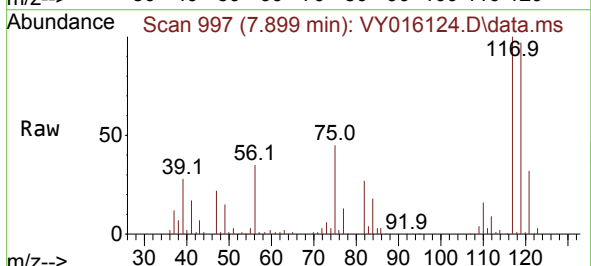
Tgt Ion: 117 Resp: 66330

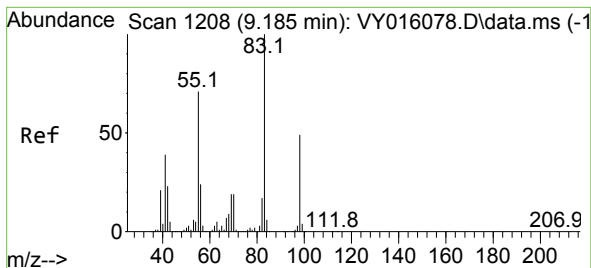
Ion Ratio Lower Upper

117 100

119 96.9 76.4 114.6

121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 19.893 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

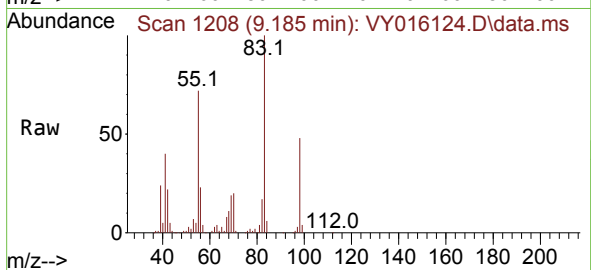
Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :



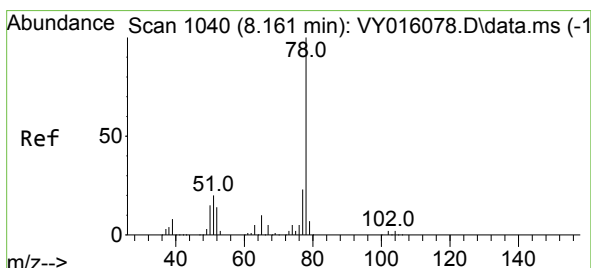
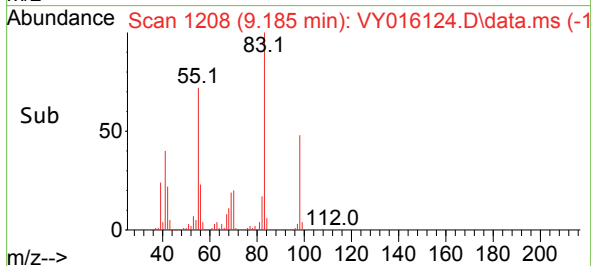
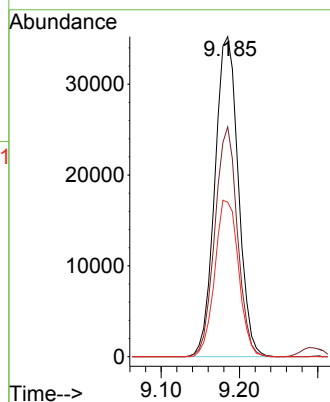
Tgt Ion: 83 Resp: 73268

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 20.694 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016124.D

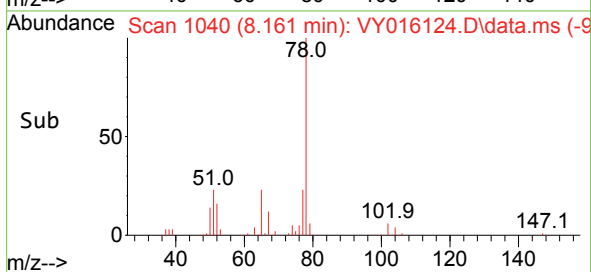
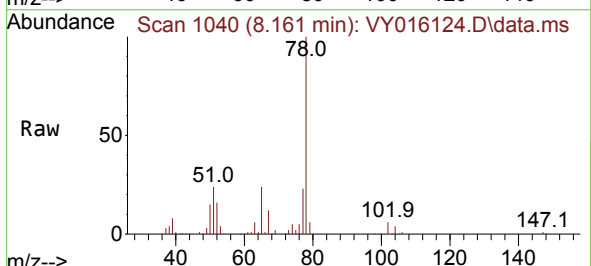
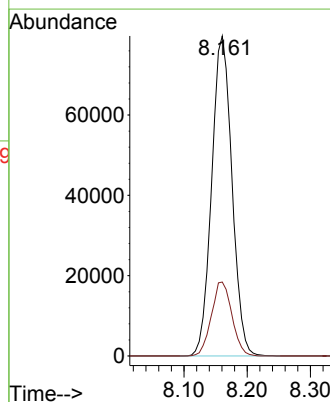
Acq: 30 Oct 2023 11:05

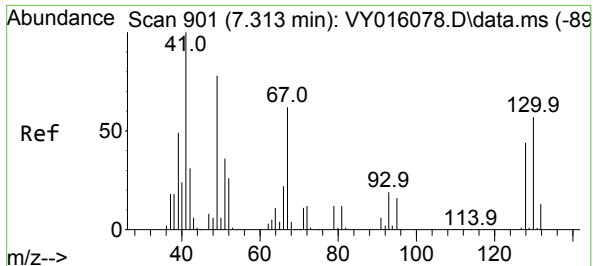
Tgt Ion: 78 Resp: 177135

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6



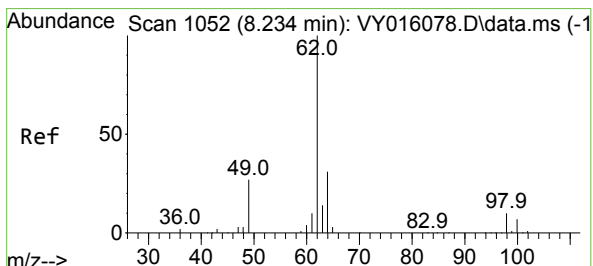
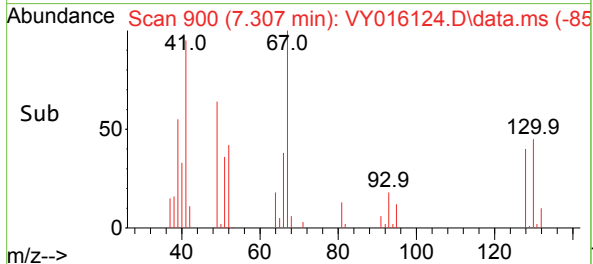
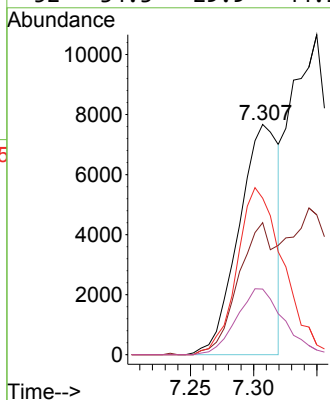
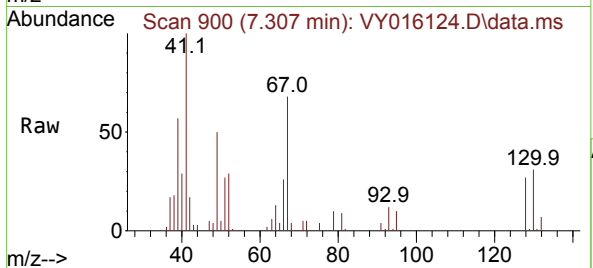


#41
Methacrylonitrile
Concen: 20.602 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 16708

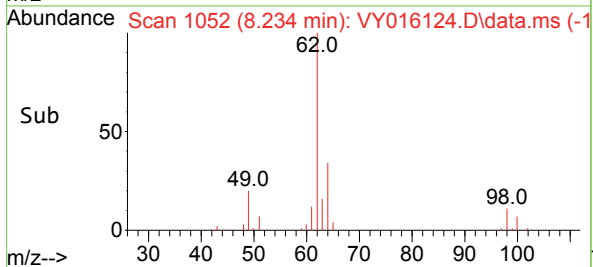
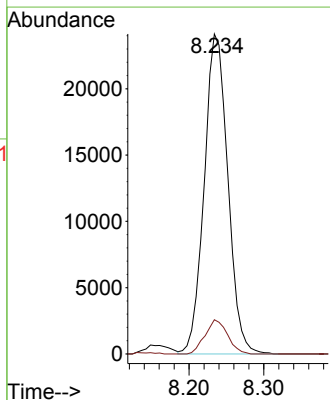
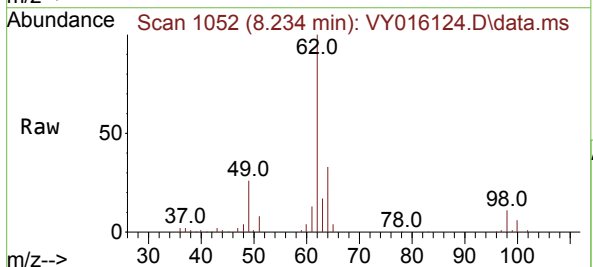
Ion	Ratio	Lower	Upper
41	100		
39	55.0	52.1	78.1
67	85.2	66.2	99.2
52	34.3	29.9	44.9

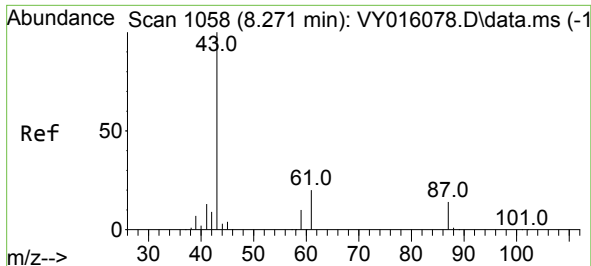


#42
1,2-Dichloroethane
Concen: 21.478 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 62 Resp: 53122

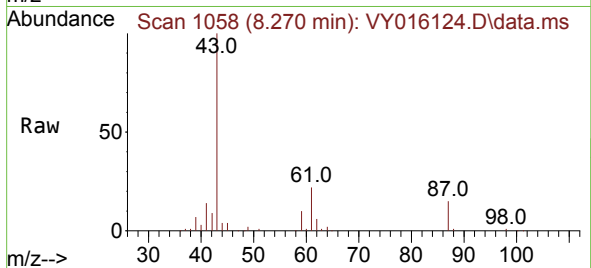
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8



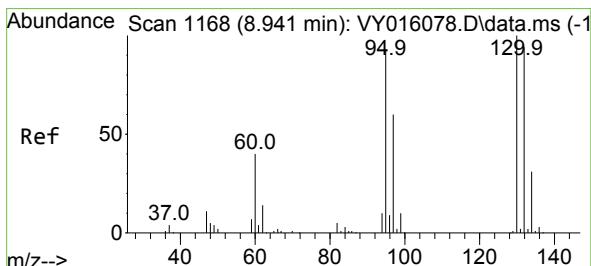
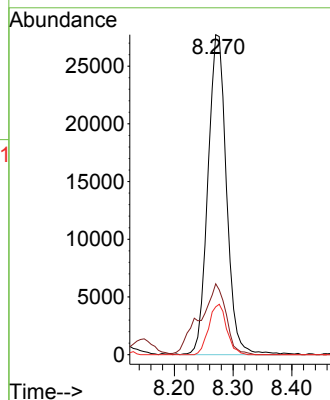
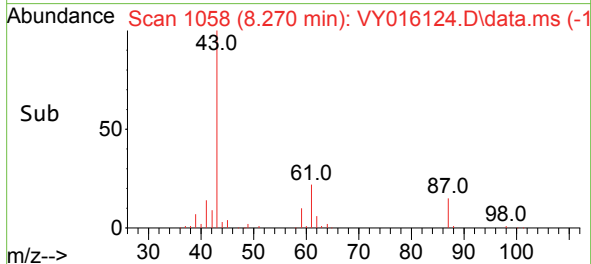


#43
Isopropyl Acetate
Concen: 20.972 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

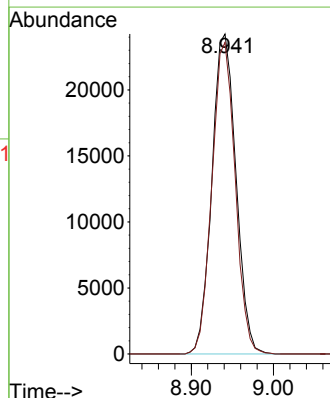
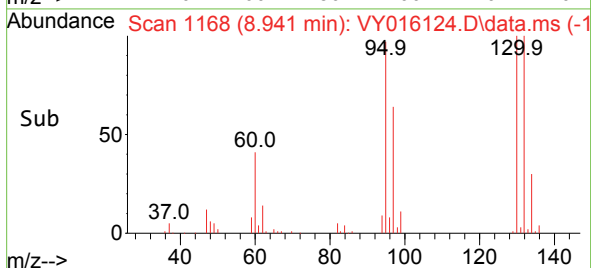
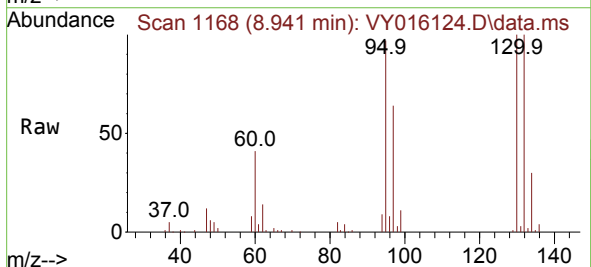


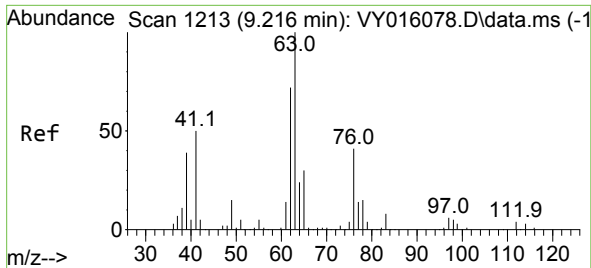
Tgt Ion: 43 Resp: 60763
Ion Ratio Lower Upper
43 100
61 31.3 21.1 31.7
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 20.637 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion:130 Resp: 49325
Ion Ratio Lower Upper
130 100
95 97.3 0.0 196.0

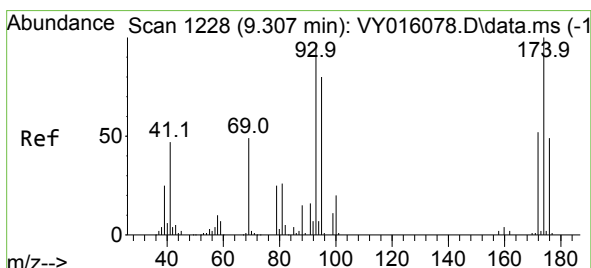
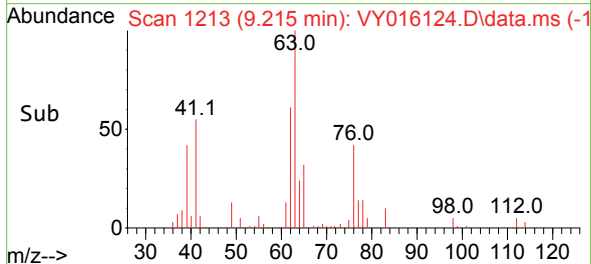
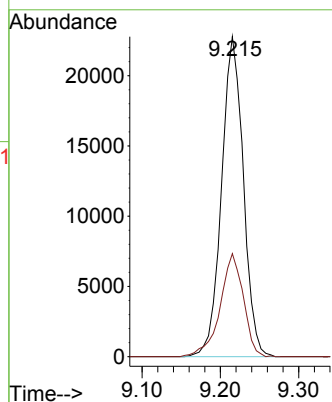
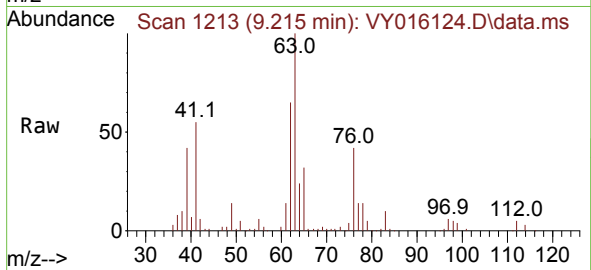




#45
1,2-Dichloropropane
Concen: 20.319 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

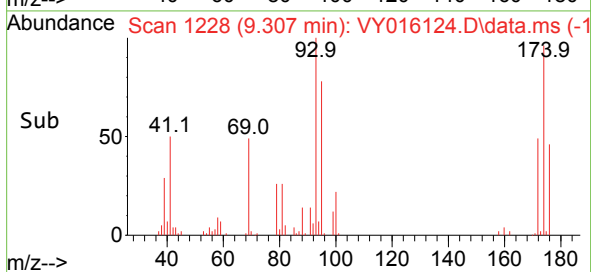
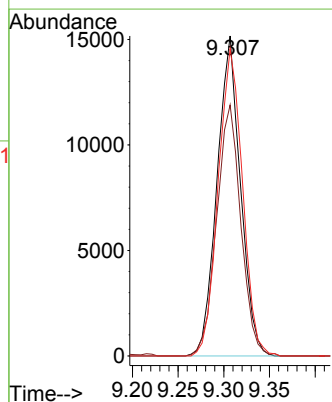
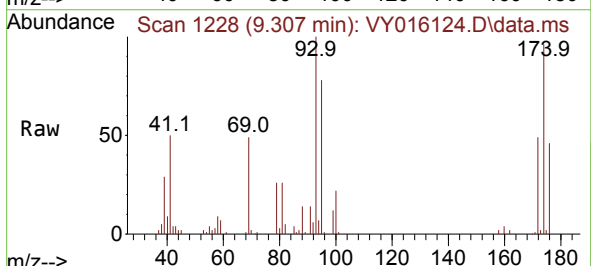
Instrument :
MSVOA_Y
ClientSampleId :

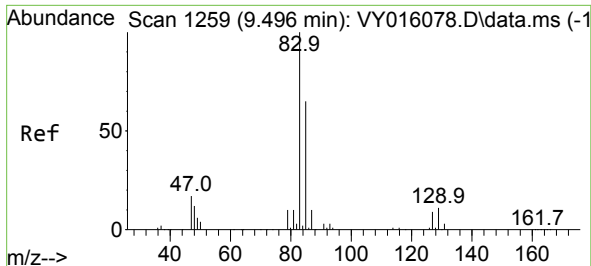
Tgt Ion: 63 Resp: 44019
Ion Ratio Lower Upper
63 100
65 32.2 23.8 35.6



#46
Dibromomethane
Concen: 21.238 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 93 Resp: 26977
Ion Ratio Lower Upper
93 100
95 81.3 66.6 100.0
174 99.6 84.8 127.2

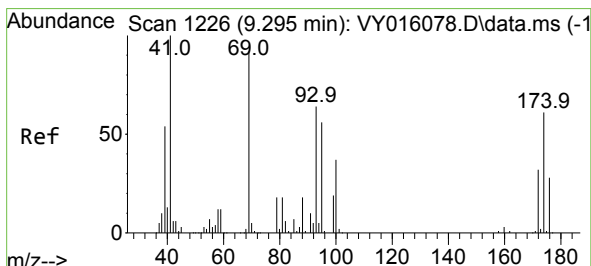
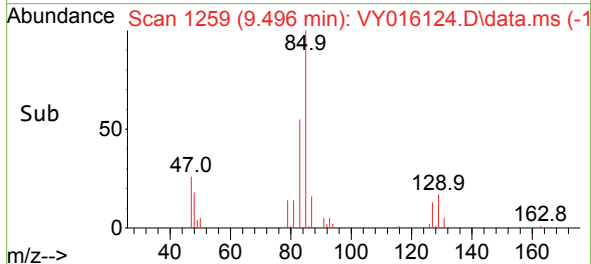
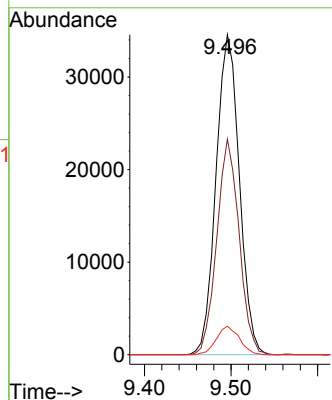
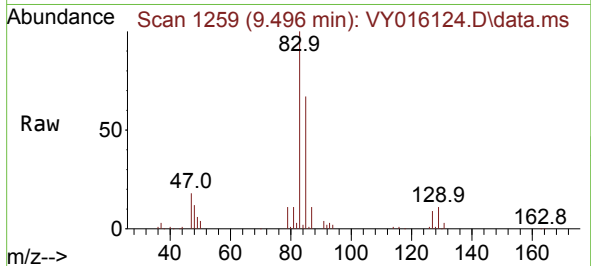




#47
Bromodichloromethane
Concen: 21.052 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

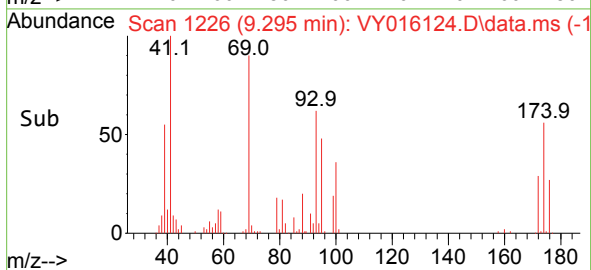
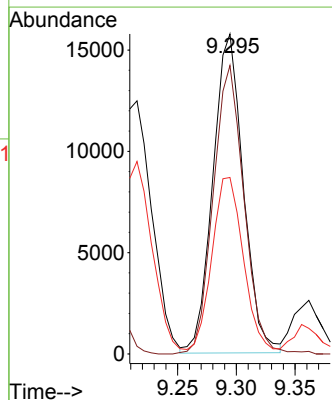
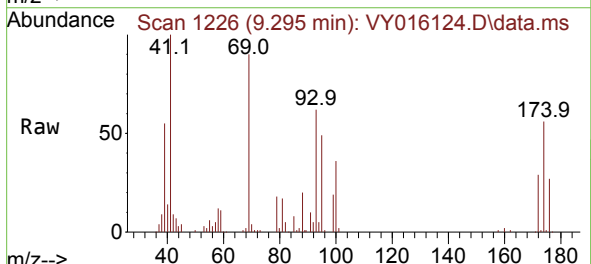
Instrument :
MSVOA_Y
ClientSampleId :

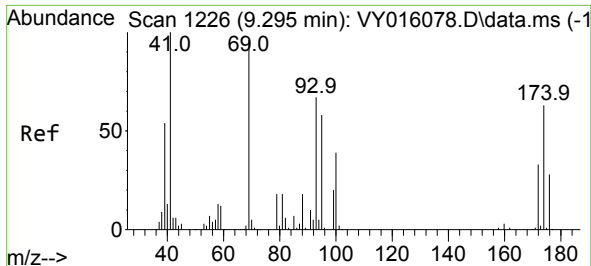
Tgt Ion: 83 Resp: 64673
Ion Ratio Lower Upper
83 100
85 67.3 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 21.306 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 41 Resp: 28440
Ion Ratio Lower Upper
41 100
69 91.2 64.5 96.7
39 55.0 50.8 76.2





#49

1,4-Dioxane

Concen: 448.136 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

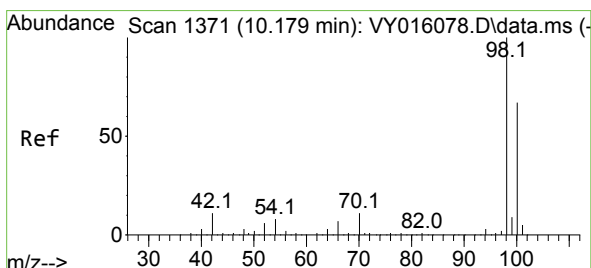
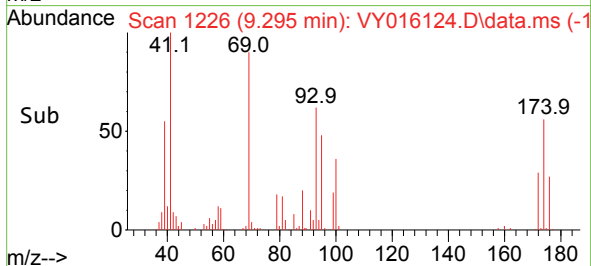
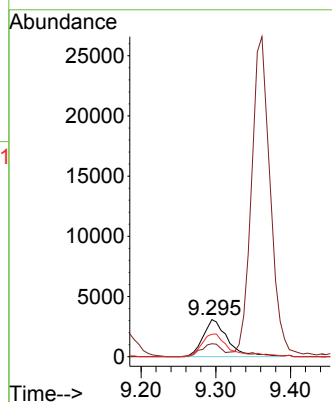
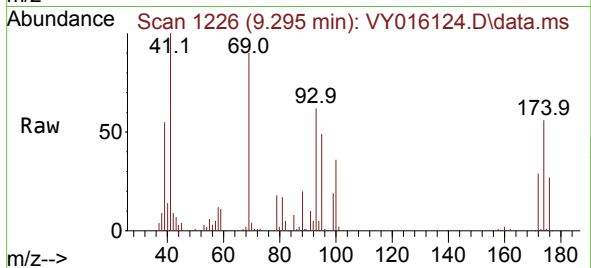
Tgt Ion: 88 Resp: 7122

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

58 62.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.093 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016124.D

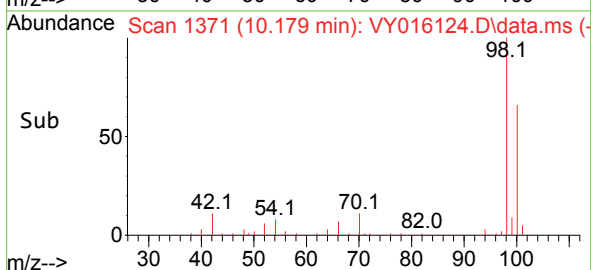
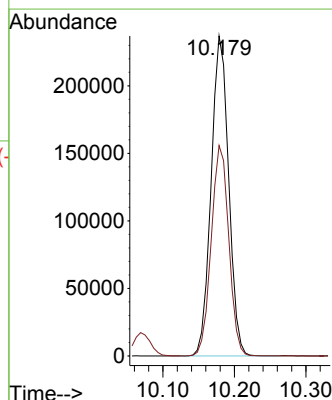
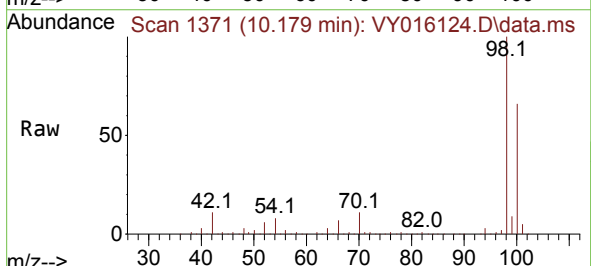
Acq: 30 Oct 2023 11:05

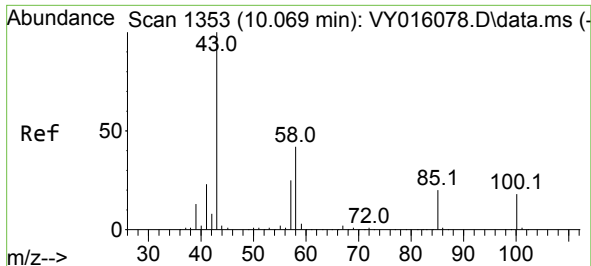
Tgt Ion: 98 Resp: 402447

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 106.296 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

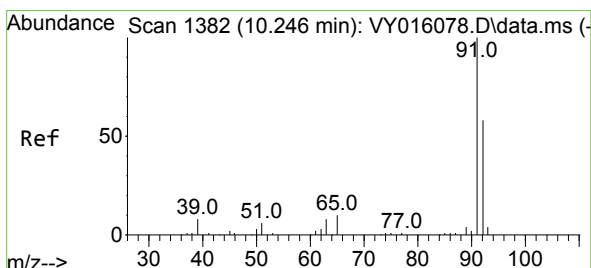
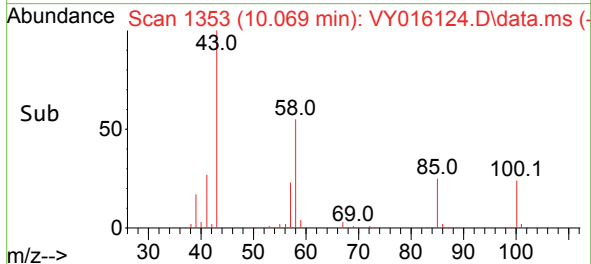
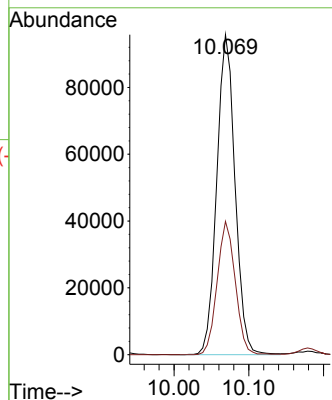
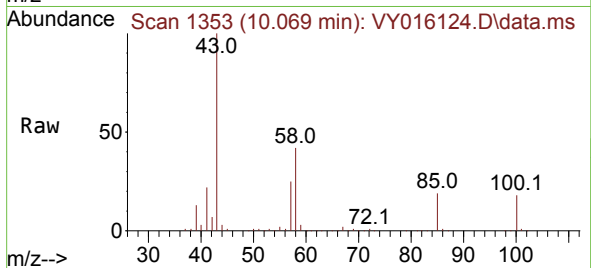
ClientSampleId :

Tgt Ion: 43 Resp: 162510

Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6



#52

Toluene

Concen: 20.779 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY016124.D

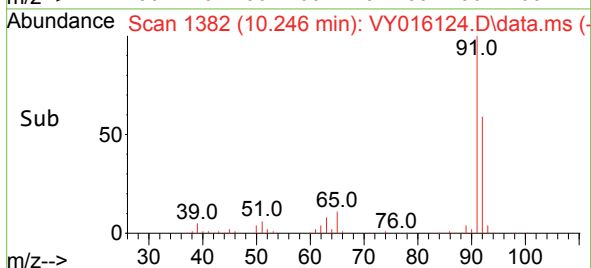
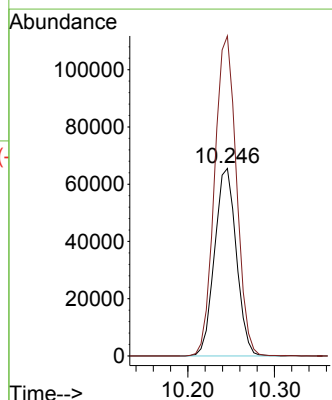
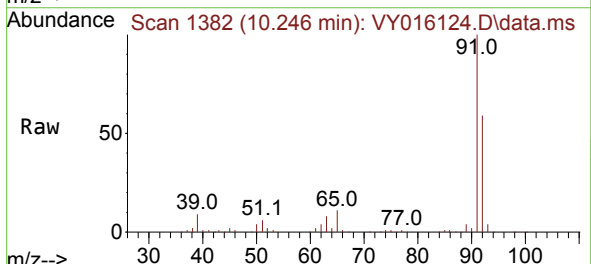
Acq: 30 Oct 2023 11:05

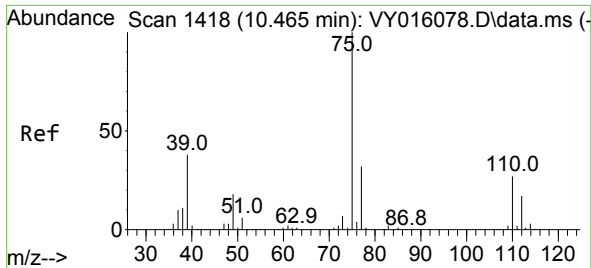
Tgt Ion: 92 Resp: 114210

Ion Ratio Lower Upper

92 100

91 171.8 143.8 215.6

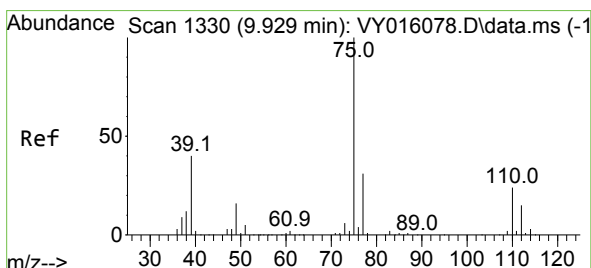
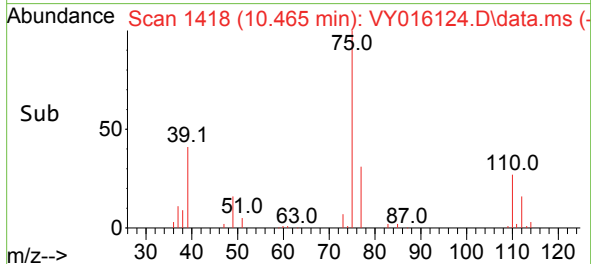
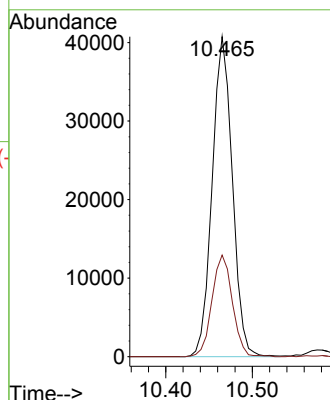
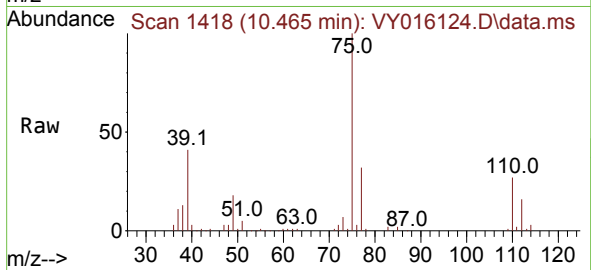




#53
 t-1,3-Dichloropropene
 Concen: 21.017 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016124.D
 Acq: 30 Oct 2023 11:05

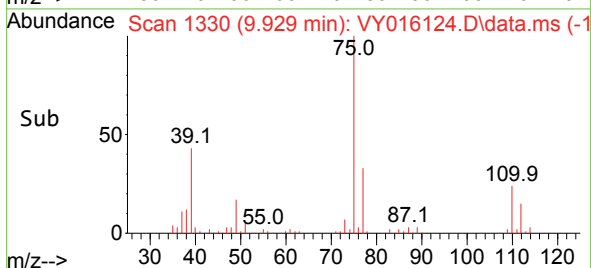
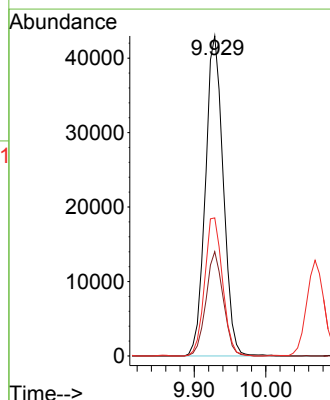
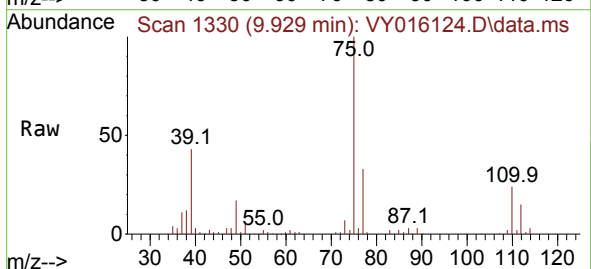
Instrument :
 MSVOA_Y
 ClientSampleId :

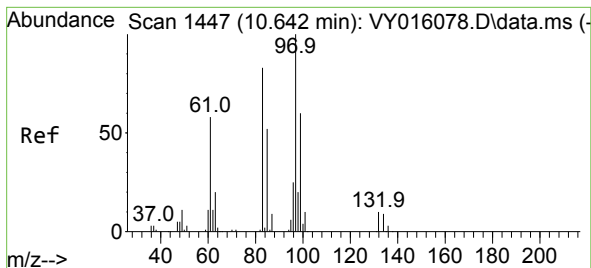
Tgt Ion: 75 Resp: 66024
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.977 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016124.D
 Acq: 30 Oct 2023 11:05

Tgt Ion: 75 Resp: 74521
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 43.1 42.2 63.4

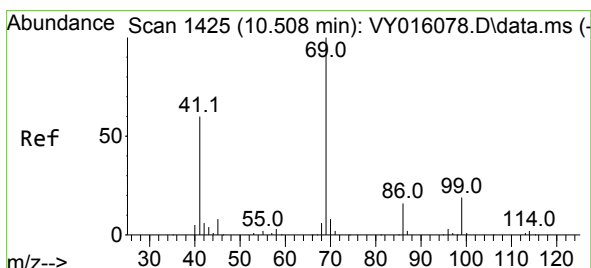
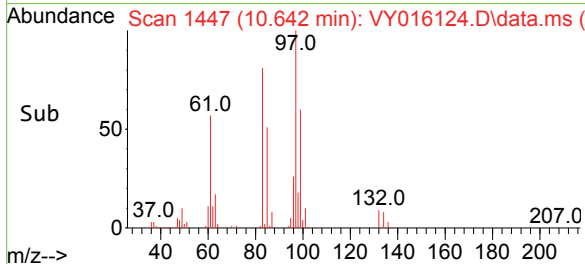
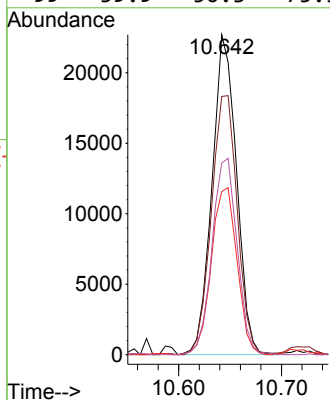
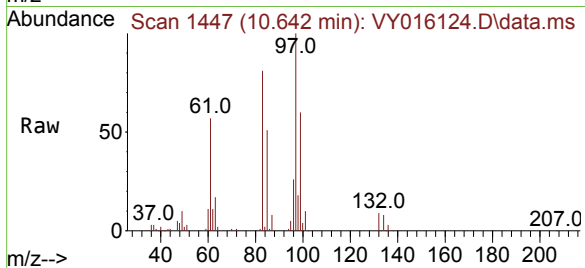




#55
1,1,2-Trichloroethane
Concen: 20.808 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

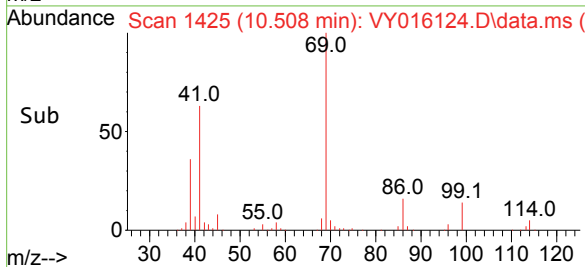
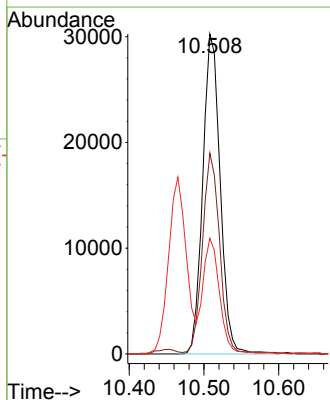
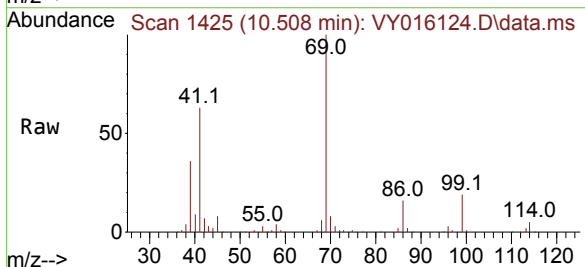
Instrument :
MSVOA_Y
ClientSampleId :

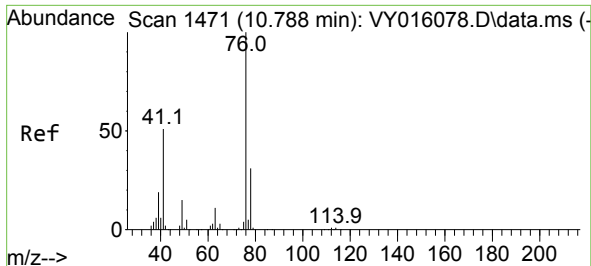
Tgt Ion:	97	Resp:	37554
Ion	Ratio	Lower	Upper
97	100		
83	80.7	72.0	108.0
85	50.9	45.4	68.0
99	59.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 21.152 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

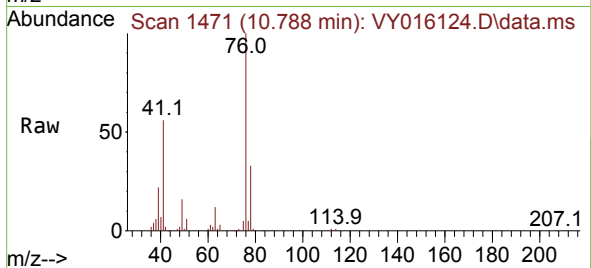
Tgt Ion:	69	Resp:	49062
Ion	Ratio	Lower	Upper
69	100		
41	61.0	57.6	86.4
39	34.4	34.1	51.1



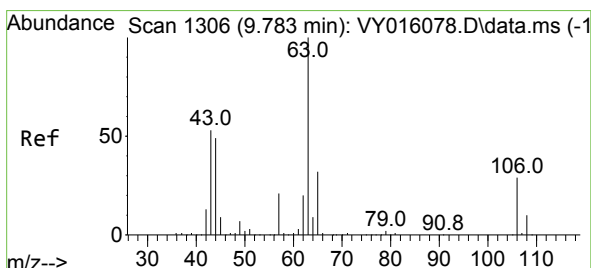
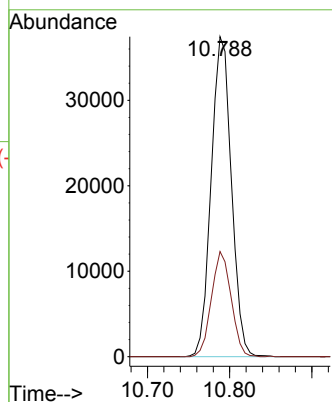
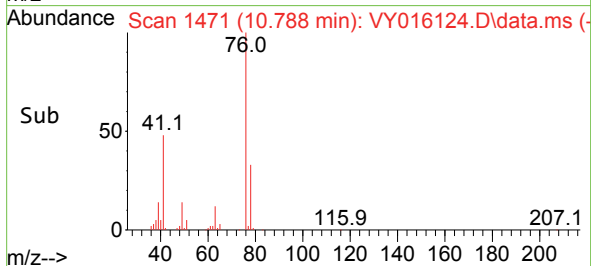


#57
1,3-Dichloropropane
Concen: 21.200 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

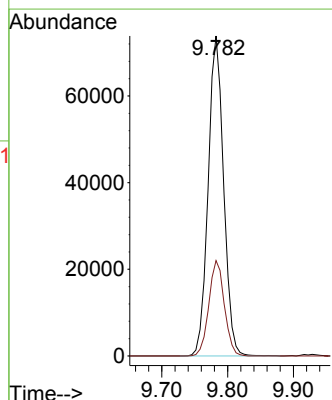
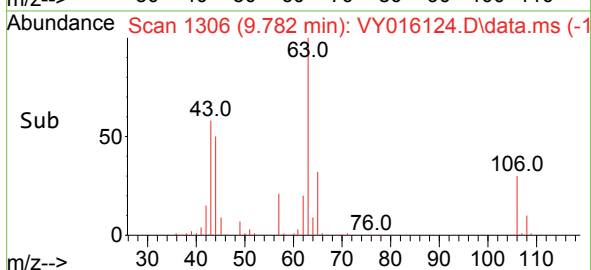
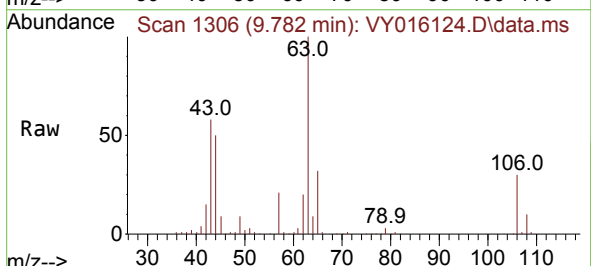


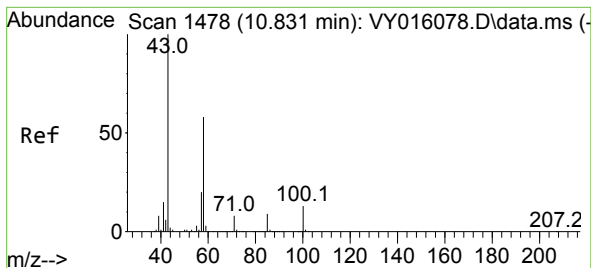
Tgt Ion: 76 Resp: 63960
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 104.556 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 63 Resp: 120730
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8

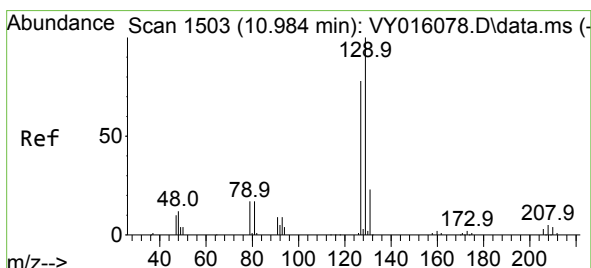
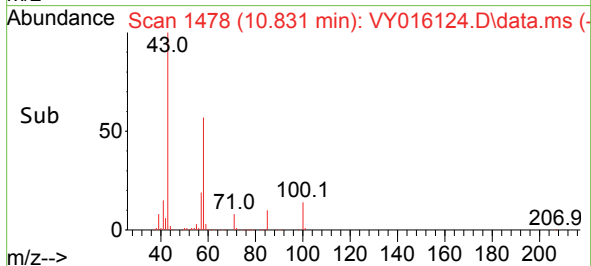
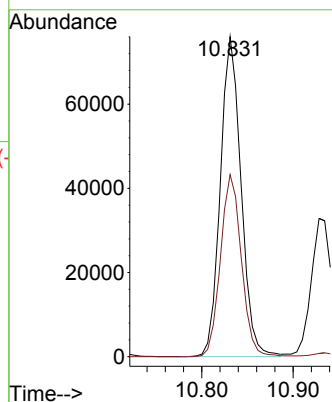
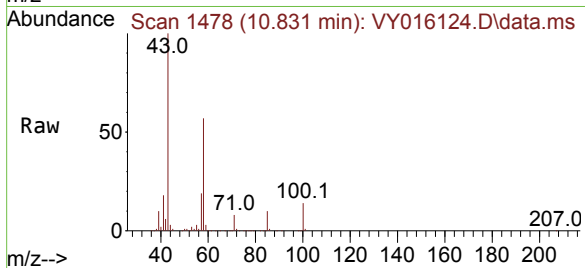




#59
2-Hexanone
Concen: 106.399 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

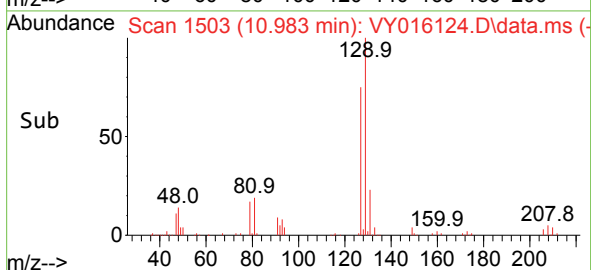
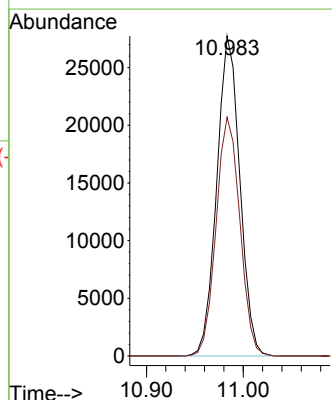
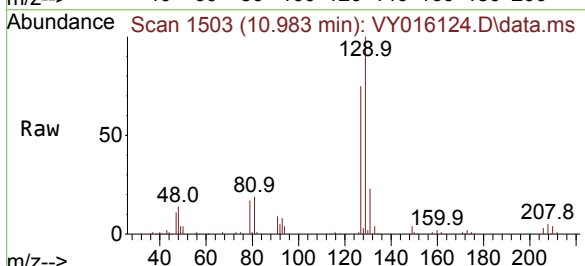
Instrument :
MSVOA_Y
ClientSampleId :

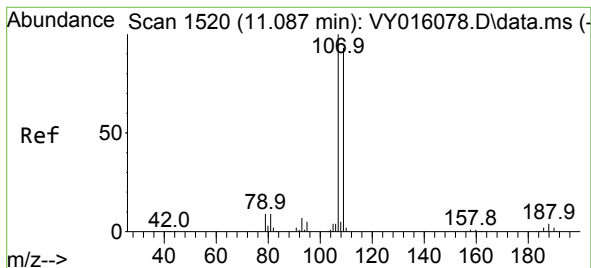
Tgt Ion: 43 Resp: 119827
Ion Ratio Lower Upper
43 100
58 57.3 25.1 75.3



#60
Dibromochloromethane
Concen: 20.797 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 129 Resp: 45964
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.478 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

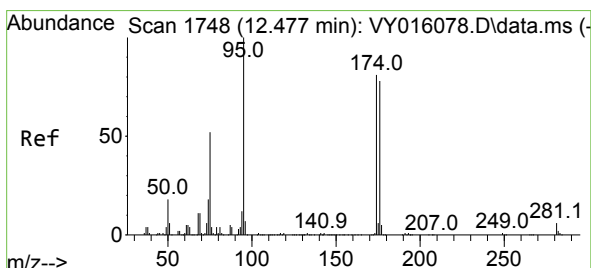
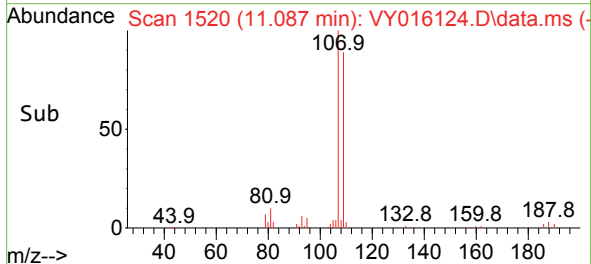
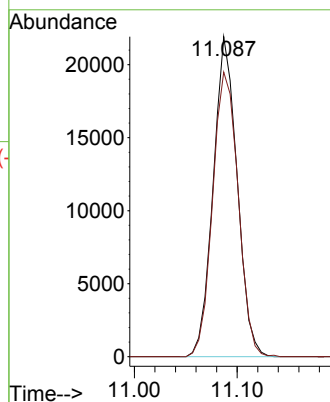
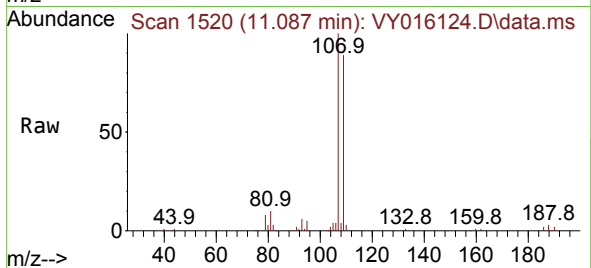
ClientSampleId :

Tgt Ion:107 Resp: 35390

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.980 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

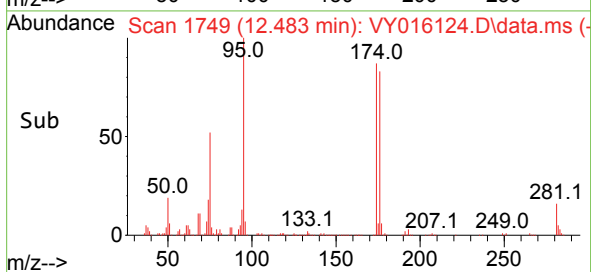
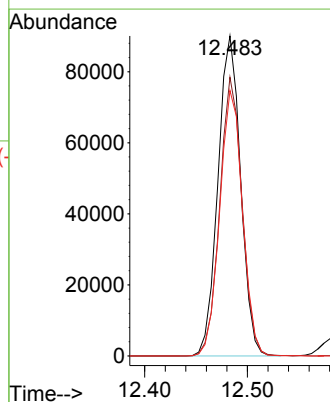
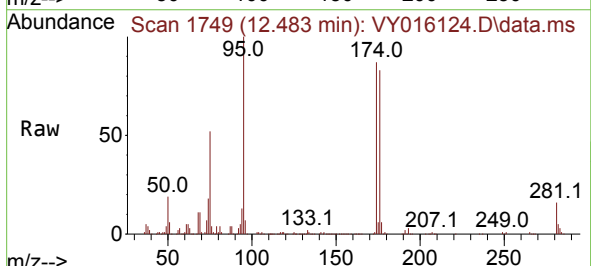
Tgt Ion: 95 Resp: 137739

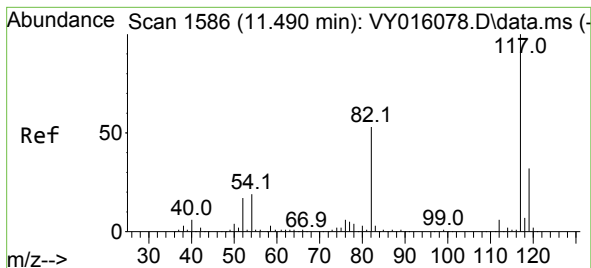
Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 83.5 0.0 173.8

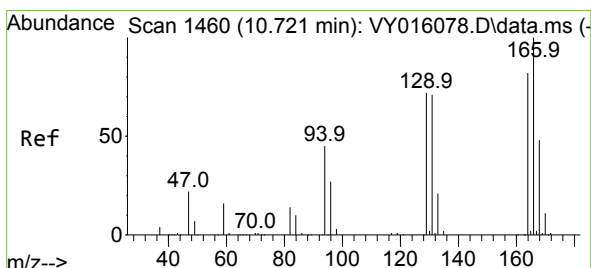
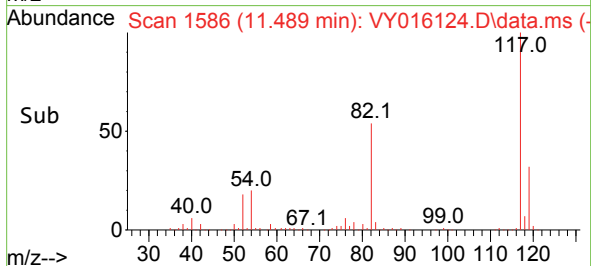
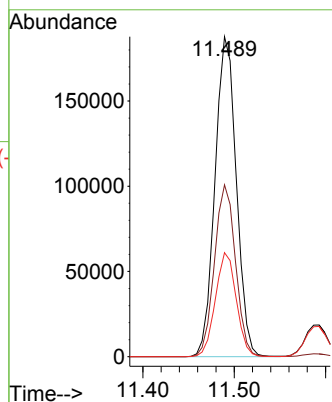
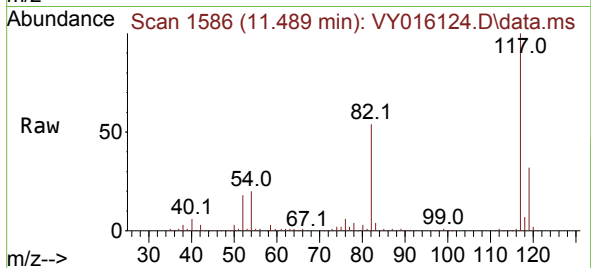




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

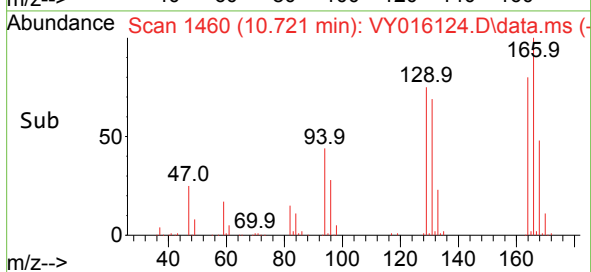
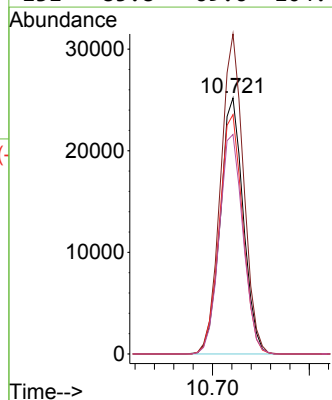
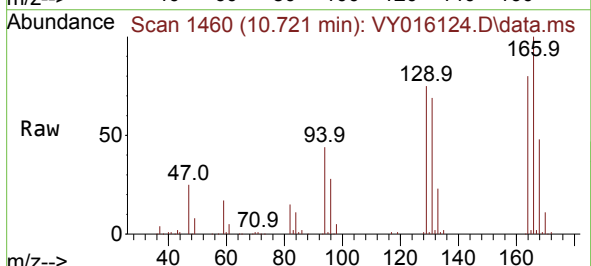
Instrument :
MSVOA_Y
ClientSampleId :

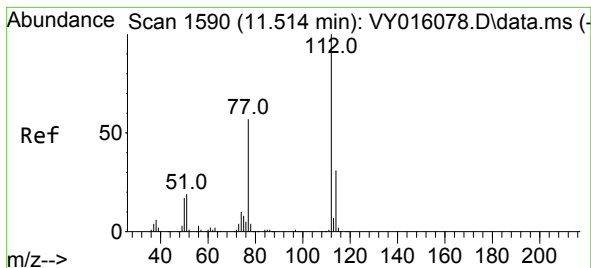
Tgt Ion:117 Resp: 304322
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 20.572 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion:164 Resp: 41430
Ion Ratio Lower Upper
164 100
166 125.0 103.0 154.6
129 93.5 77.2 115.8
131 85.8 69.6 104.4





#65

Chlorobenzene

Concen: 20.745 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

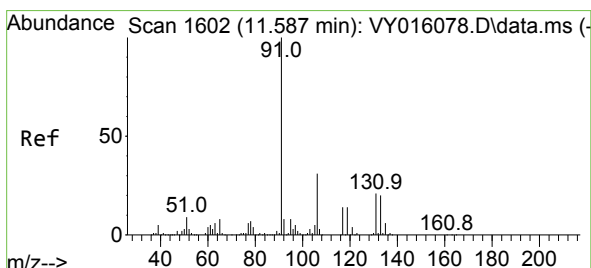
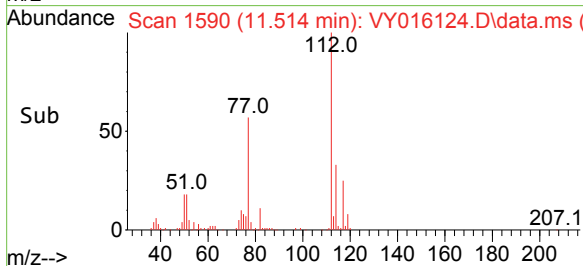
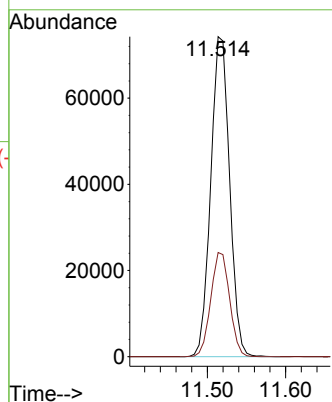
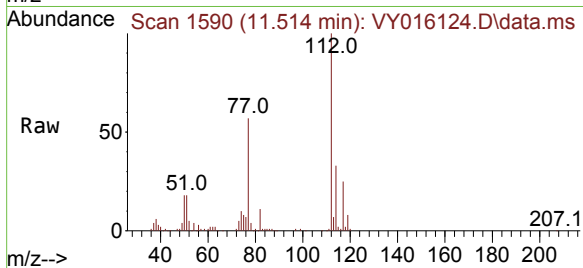
ClientSampleId :

Tgt Ion:112 Resp: 124063

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.282 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

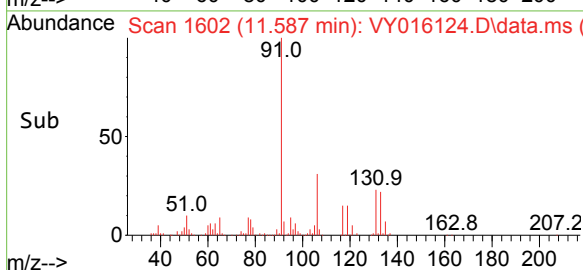
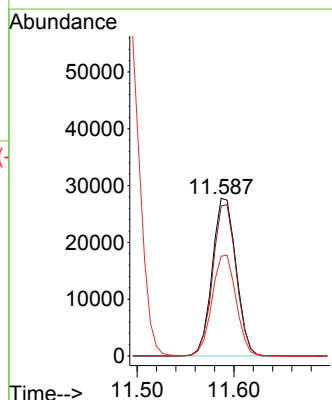
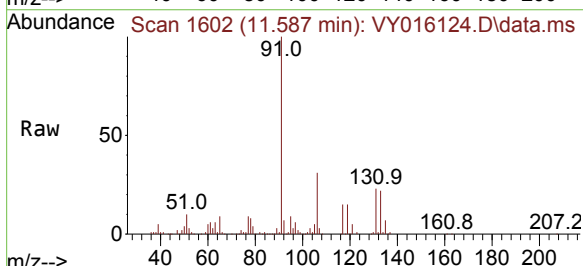
Tgt Ion:131 Resp: 47532

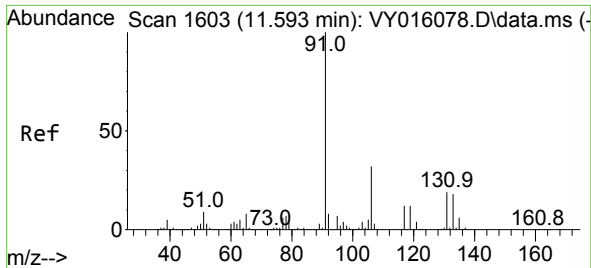
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 64.6 31.6 94.7

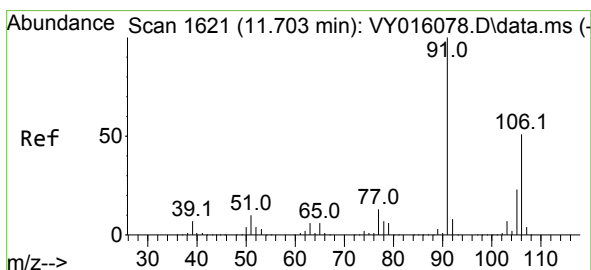
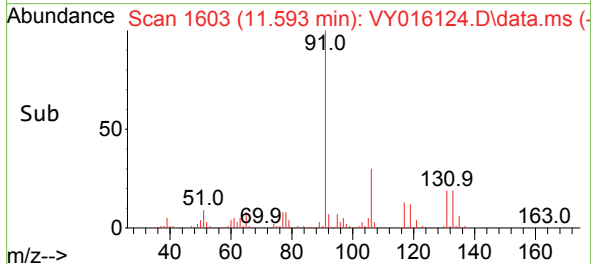
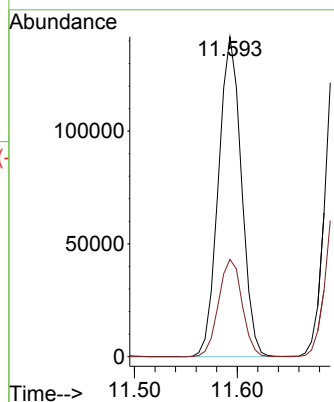
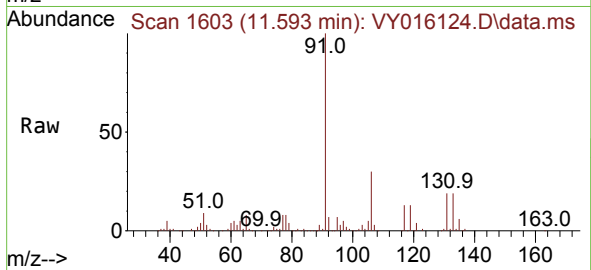




#67
Ethyl Benzene
Concen: 20.713 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

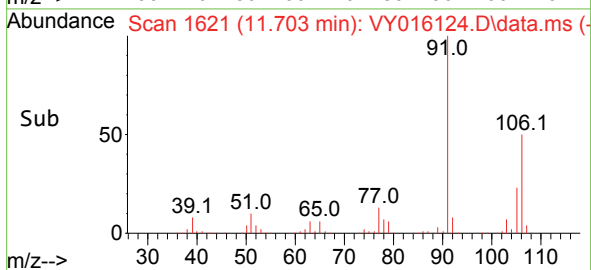
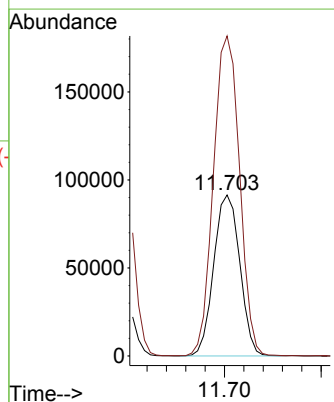
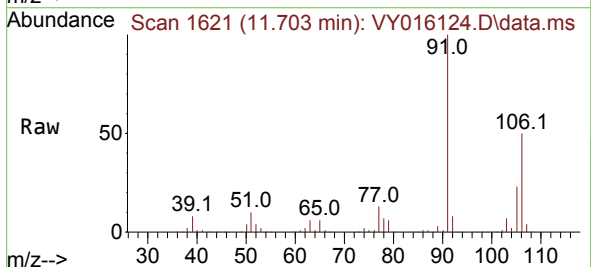
Instrument :
MSVOA_Y
ClientSampleId :

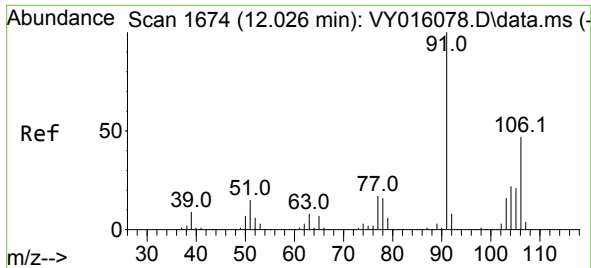
Tgt Ion: 91 Resp: 220022
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 41.600 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 106 Resp: 171009
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1

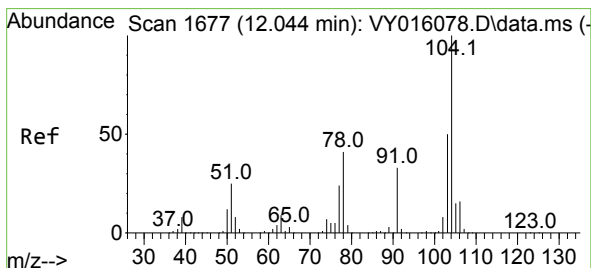
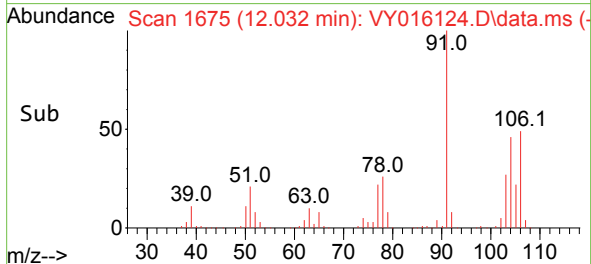
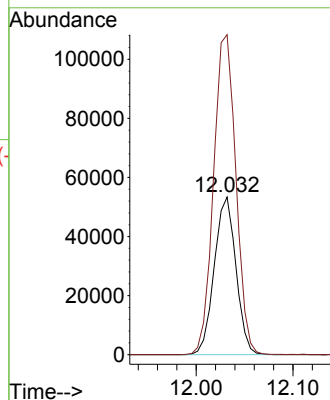
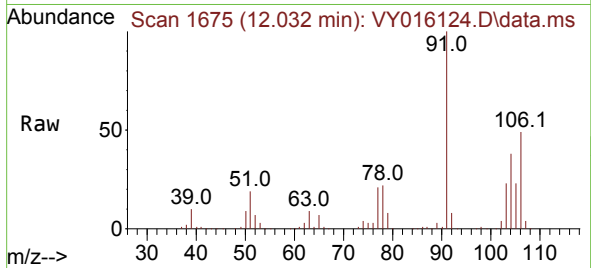




#69
o-Xylene
Concen: 21.108 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

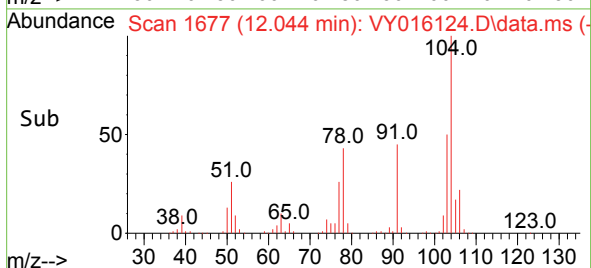
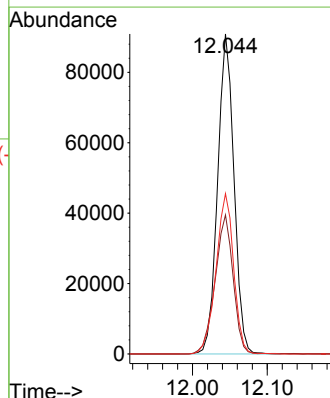
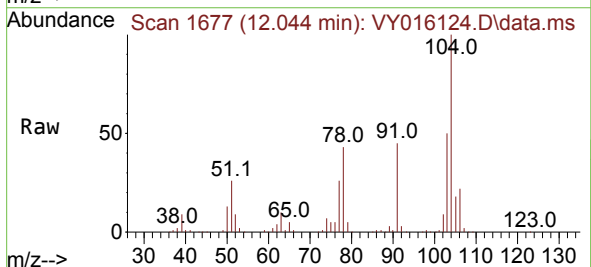
Instrument :
MSVOA_Y
ClientSampleId :

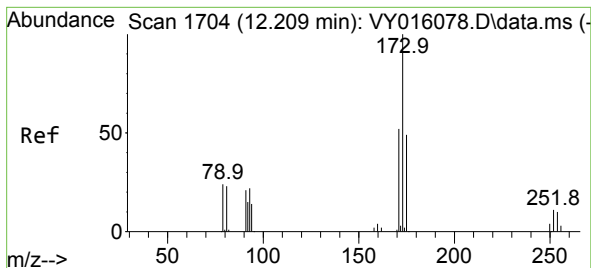
Tgt Ion:106 Resp: 83071
Ion Ratio Lower Upper
106 100
91 209.2 108.1 324.3



#70
Styrene
Concen: 21.143 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion:104 Resp: 138698
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 21.392 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016124.D

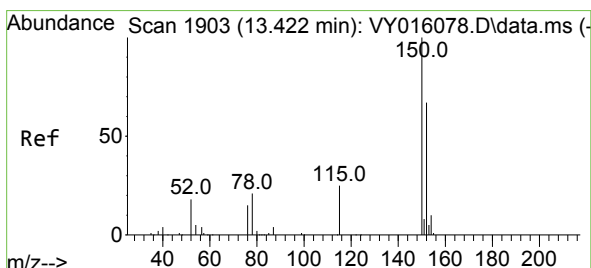
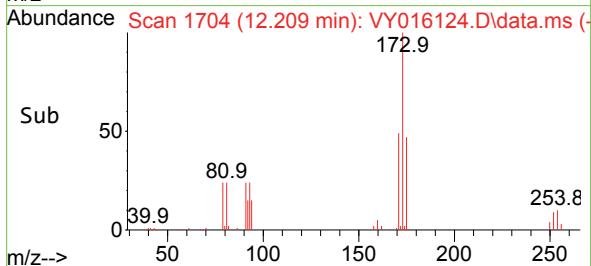
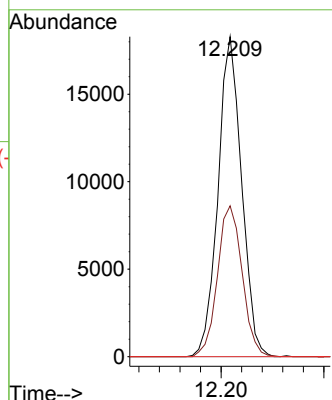
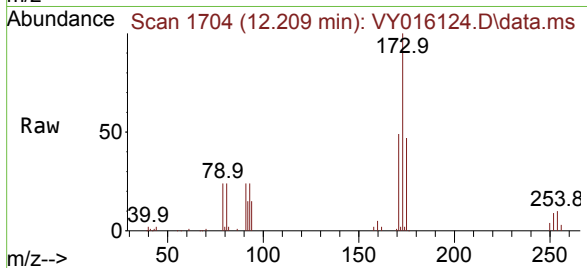
Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	29103
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

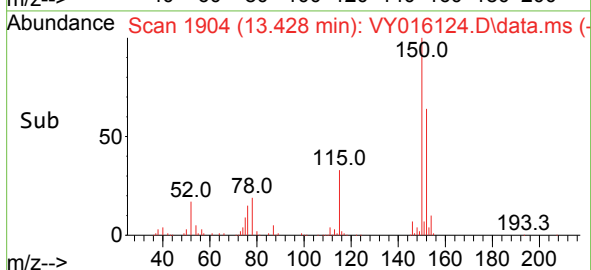
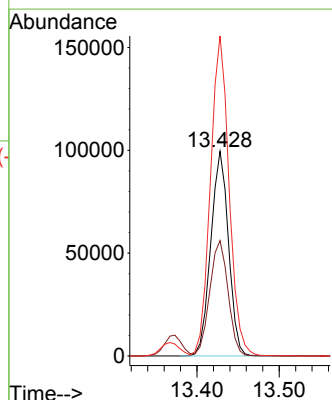
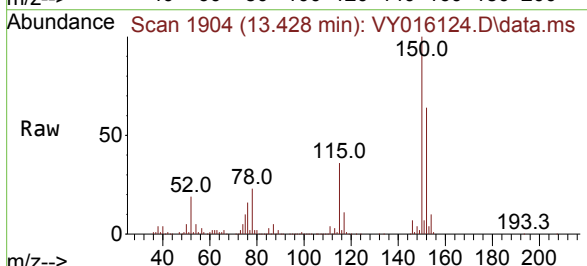
RT: 13.428 min Scan# 1904

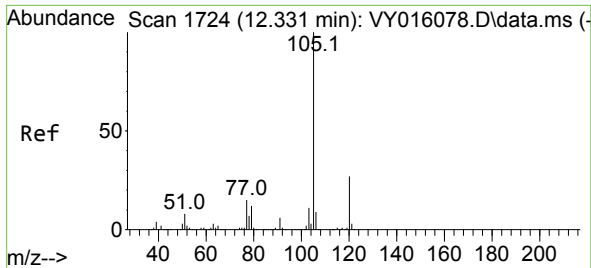
Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Tgt Ion:	152	Resp:	148998
Ion Ratio	Lower	Upper	
152	100		
115	58.0	28.8	86.5
150	164.2	0.0	348.8

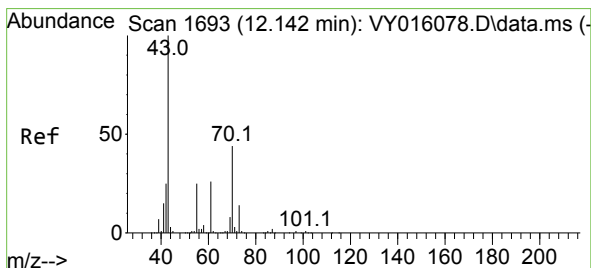
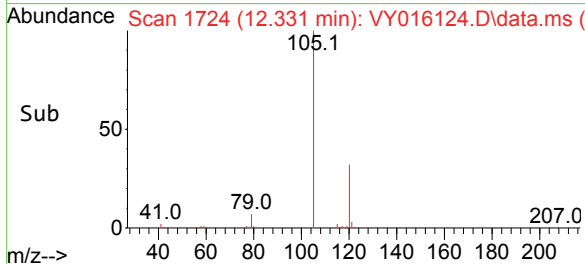
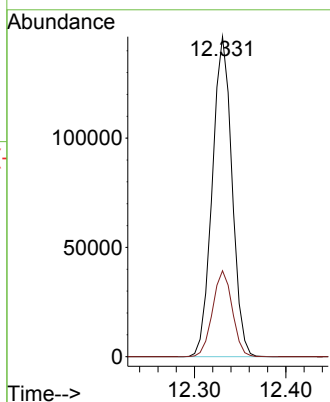
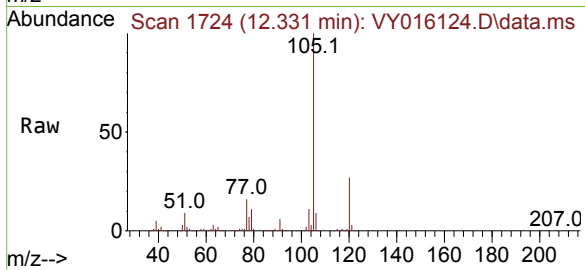




#73
Isopropylbenzene
Concen: 20.922 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

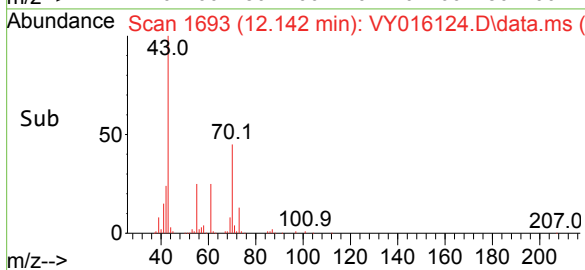
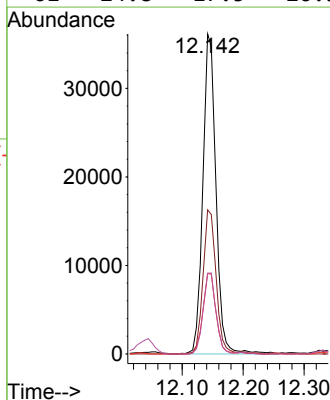
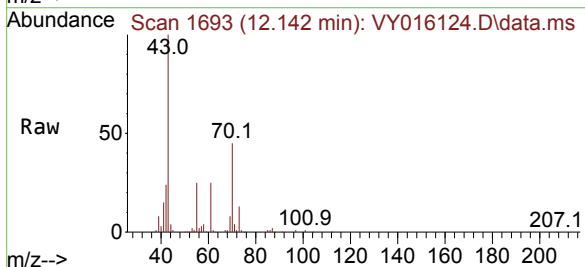
Instrument :
MSVOA_Y
ClientSampleId :

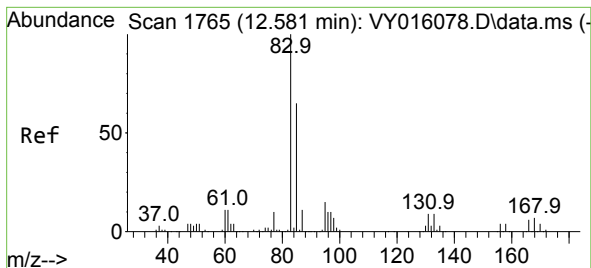
Tgt Ion:105 Resp: 219385
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 21.227 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 43 Resp: 54273
Ion Ratio Lower Upper
43 100
70 45.2 29.7 44.5#
55 24.9 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.986 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016124.D

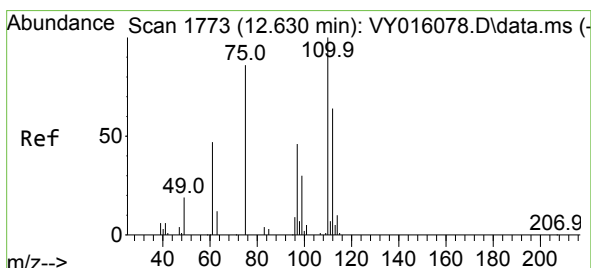
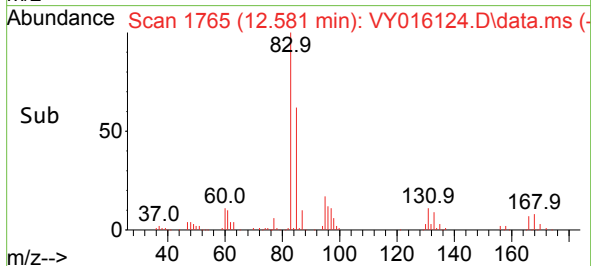
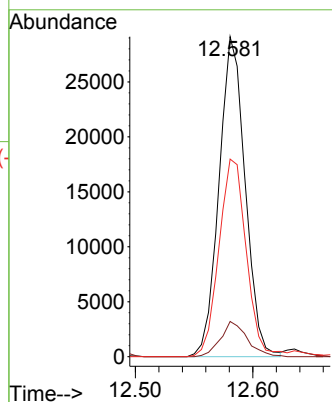
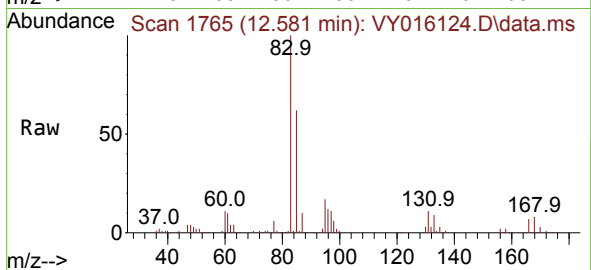
Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	44984
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.4	16.2
85	64.8	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 37.542 ug/l

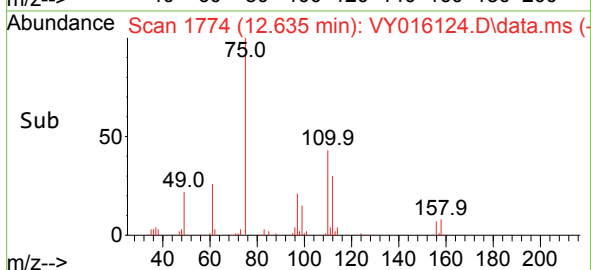
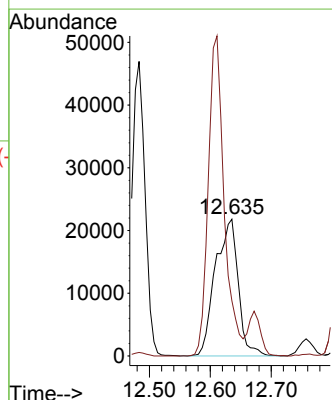
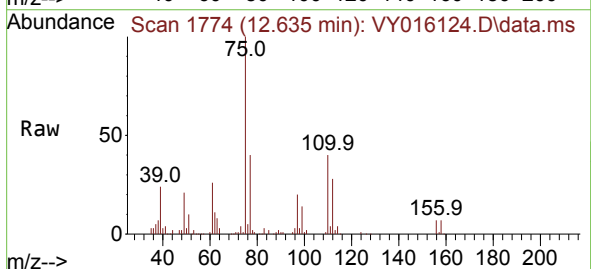
RT: 12.635 min Scan# 1774

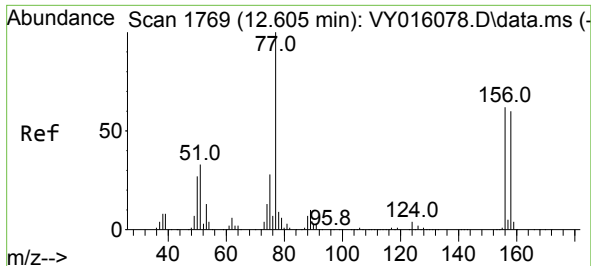
Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Tgt Ion:	75	Resp:	57110
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

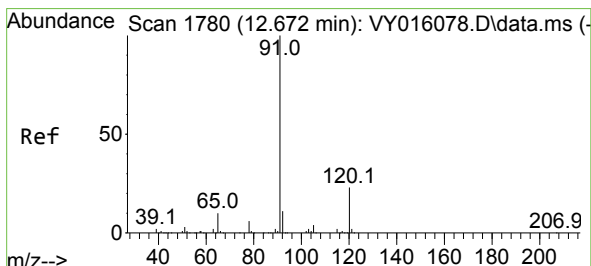
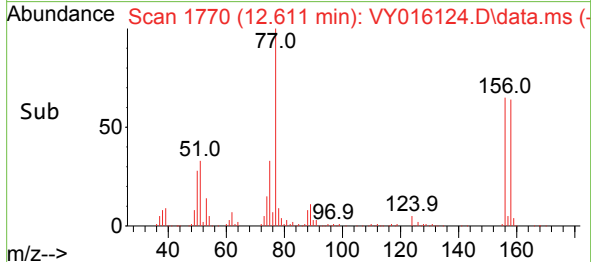
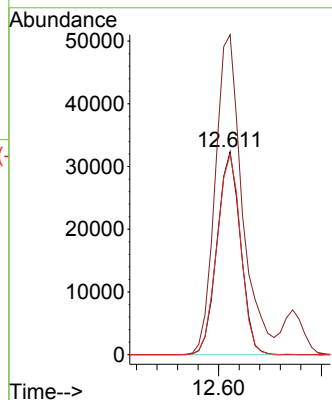
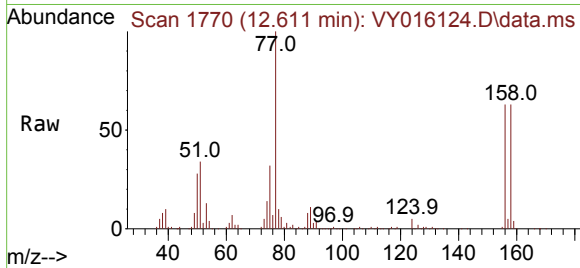




#77
Bromobenzene
Concen: 20.894 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

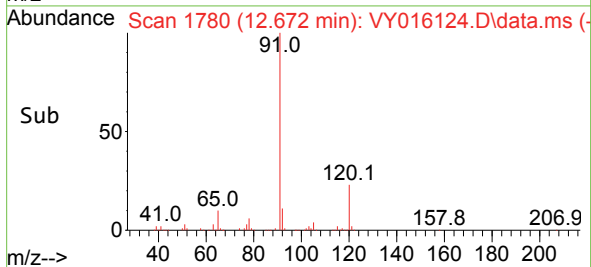
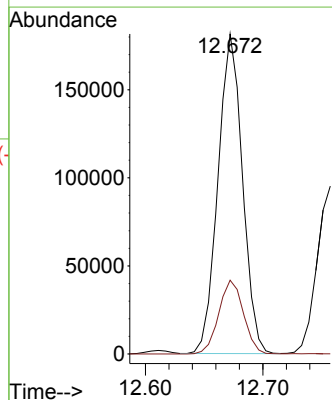
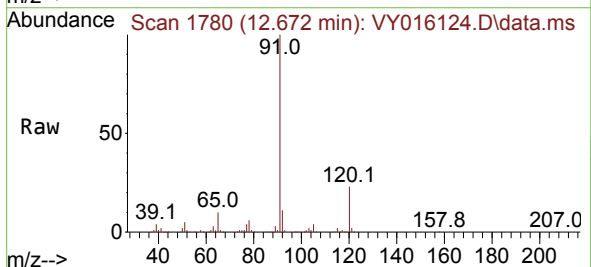
Instrument :
MSVOA_Y
ClientSampleId :

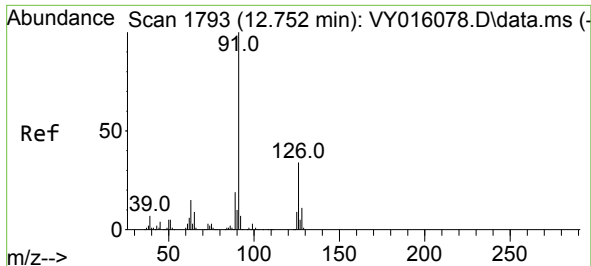
Tgt Ion:156 Resp: 51132
Ion Ratio Lower Upper
156 100
77 181.7 92.8 278.6
158 100.0 48.4 145.3



#78
n-propylbenzene
Concen: 20.702 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

Tgt Ion: 91 Resp: 262848
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.738 ug/l

RT: 12.757 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

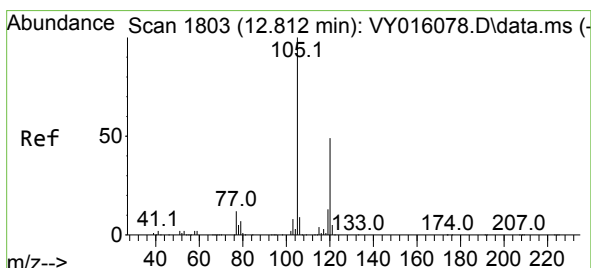
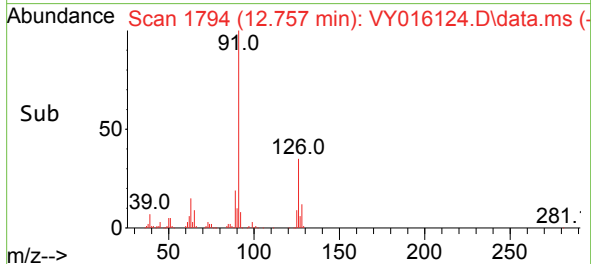
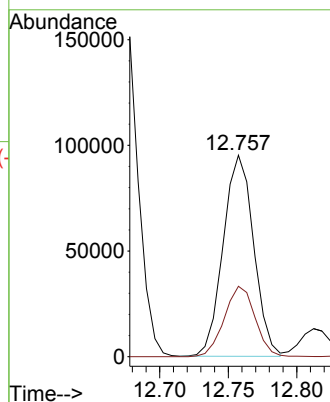
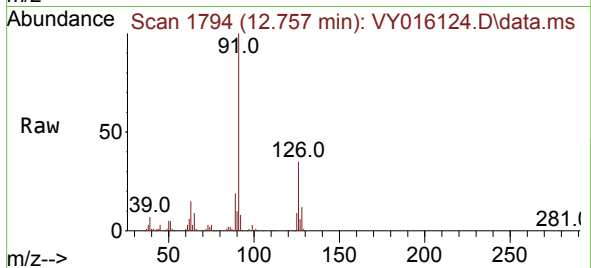
ClientSampleId :

Tgt Ion: 91 Resp: 147464

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.883 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY016124.D

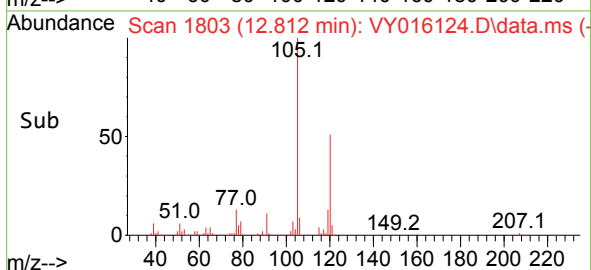
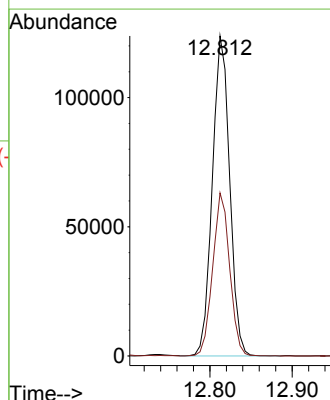
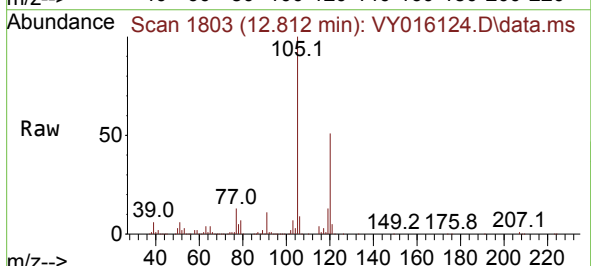
Acq: 30 Oct 2023 11:05

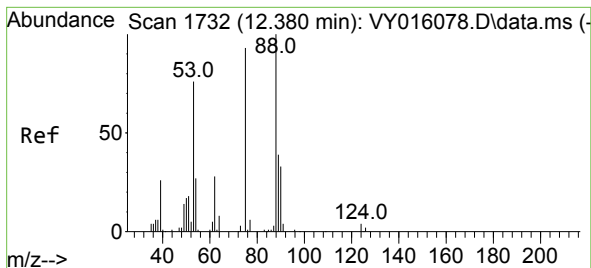
Tgt Ion:105 Resp: 181811

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

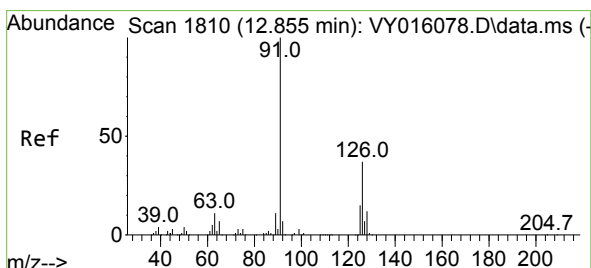
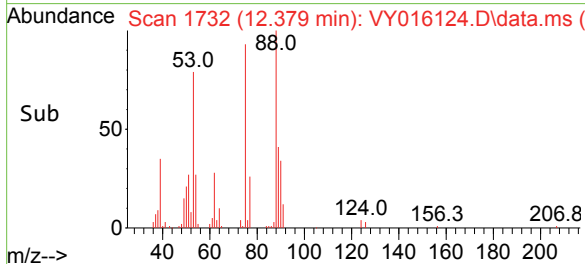
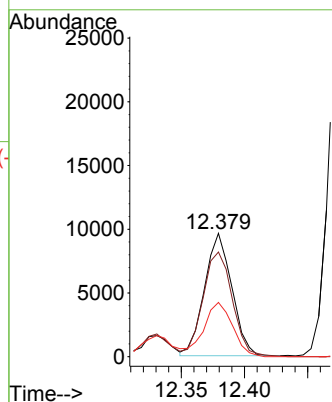
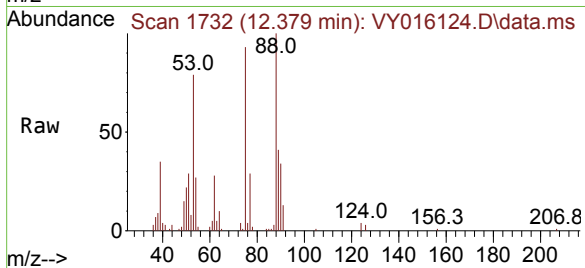




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.624 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY016124.D
 Acq: 30 Oct 2023 11:05

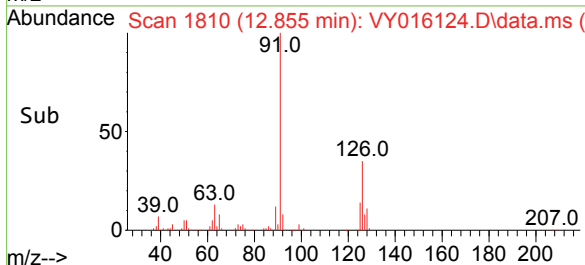
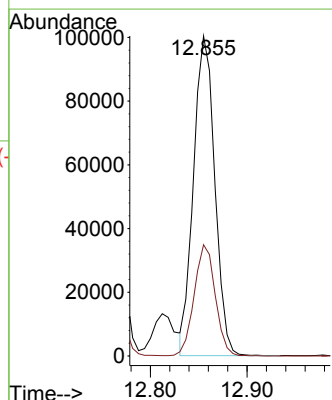
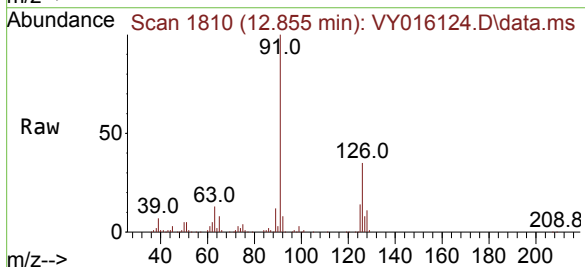
Instrument :
 MSVOA_Y
 ClientSampleId :

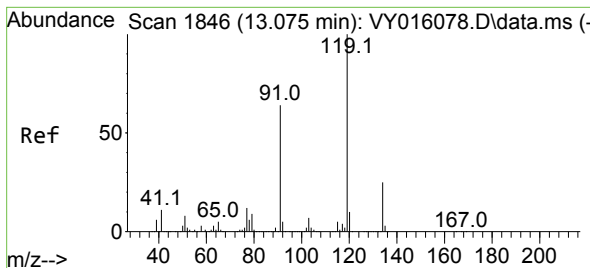
Tgt Ion: 75 Resp: 14437
 Ion Ratio Lower Upper
 75 100
 53 92.2 77.8 116.8
 89 47.2 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 20.796 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VY016124.D
 Acq: 30 Oct 2023 11:05

Tgt Ion: 91 Resp: 153353
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.935 ug/l

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

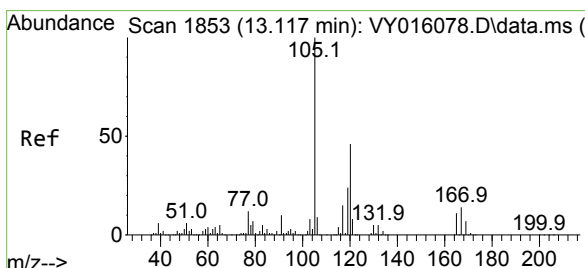
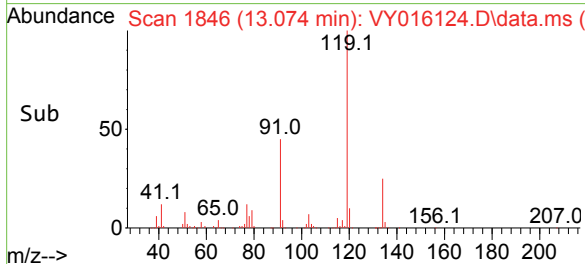
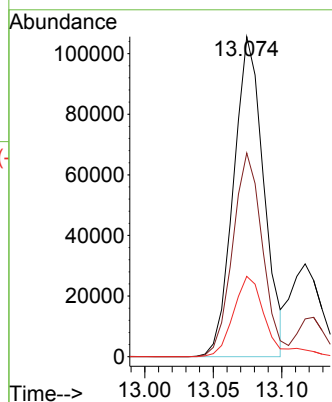
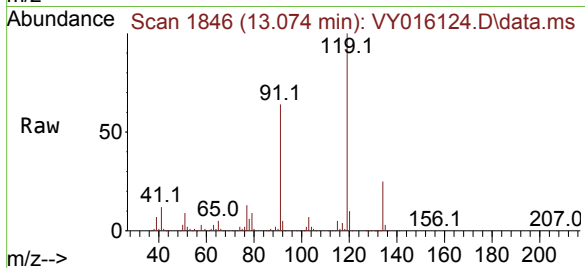
Tgt Ion:119 Resp: 162007

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 27.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.958 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016124.D

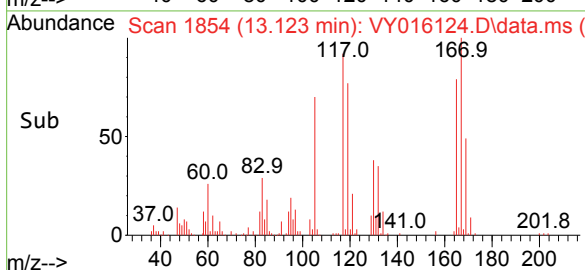
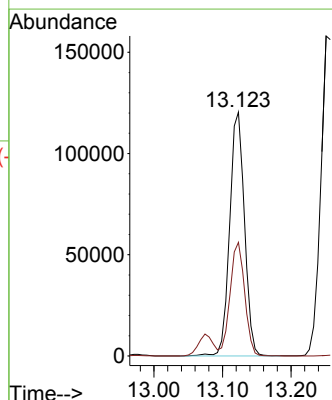
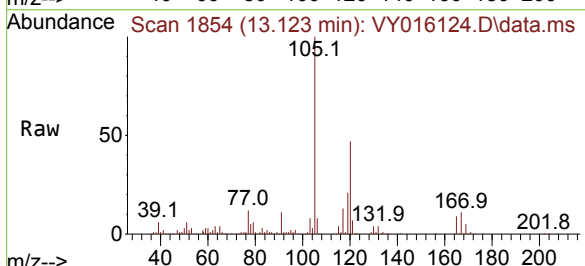
Acq: 30 Oct 2023 11:05

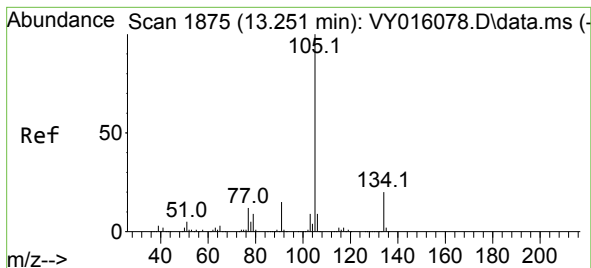
Tgt Ion:105 Resp: 180199

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.010 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

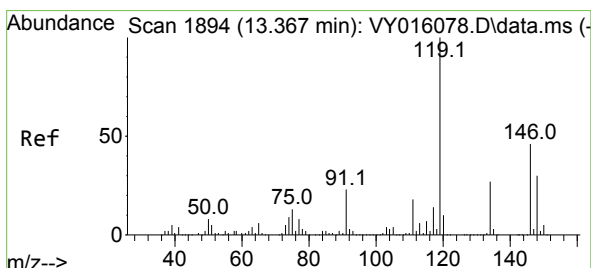
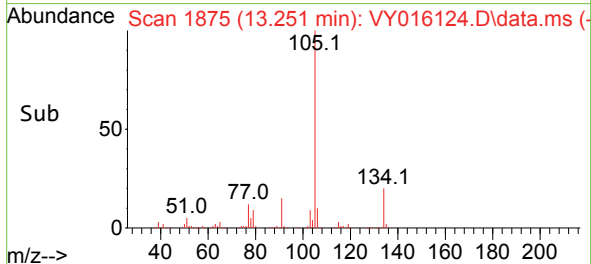
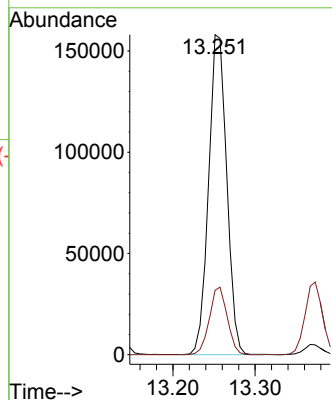
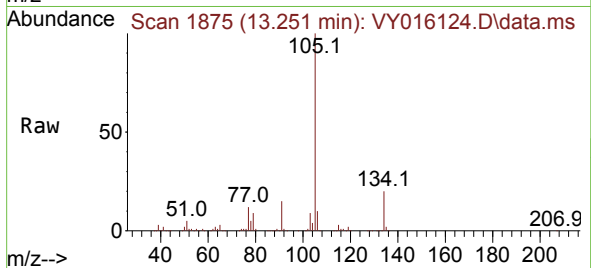
ClientSampleId :

Tgt Ion:105 Resp: 242159

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.848 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

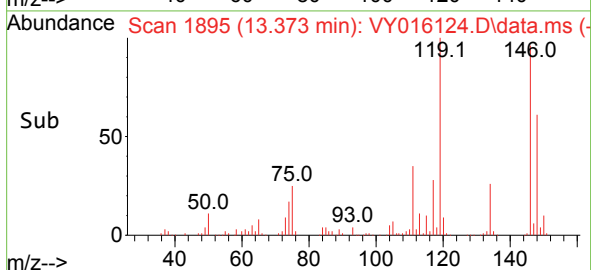
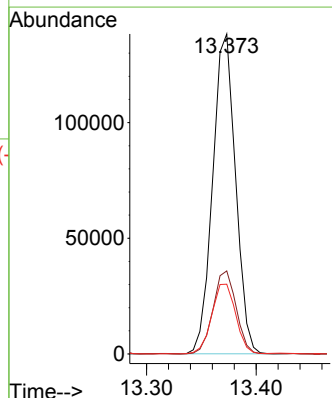
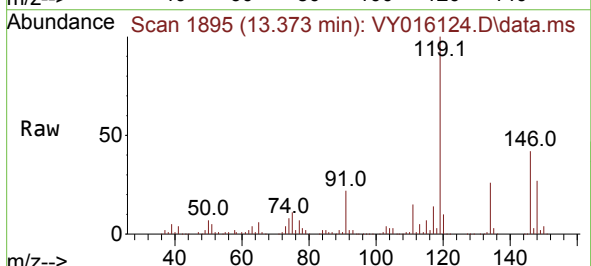
Tgt Ion:119 Resp: 200511

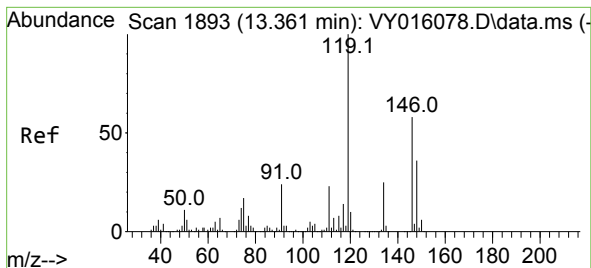
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.908 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

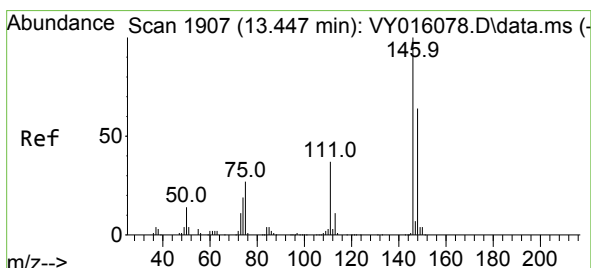
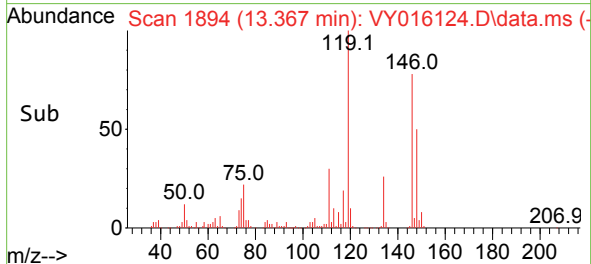
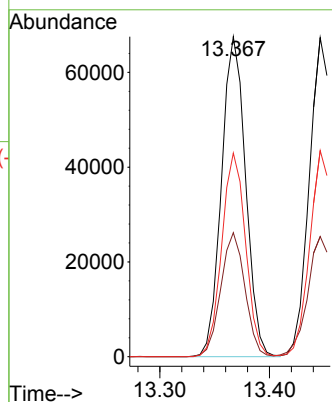
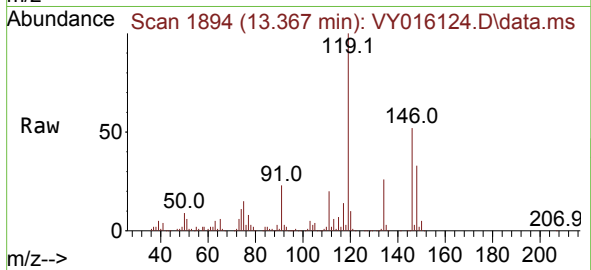
Tgt Ion:146 Resp: 103319

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.061 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

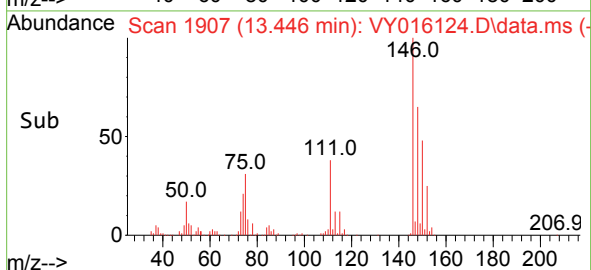
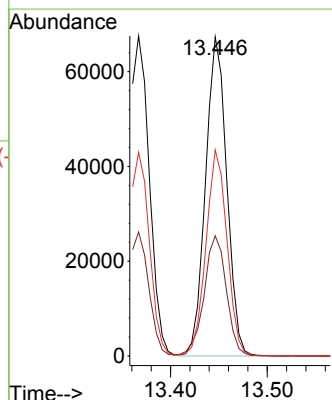
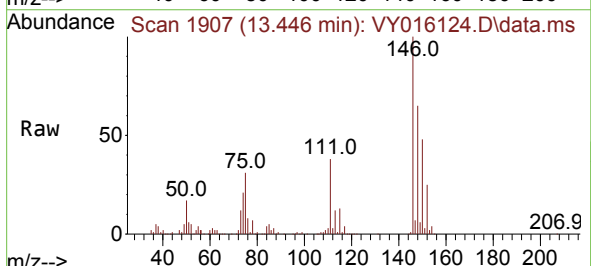
Tgt Ion:146 Resp: 102857

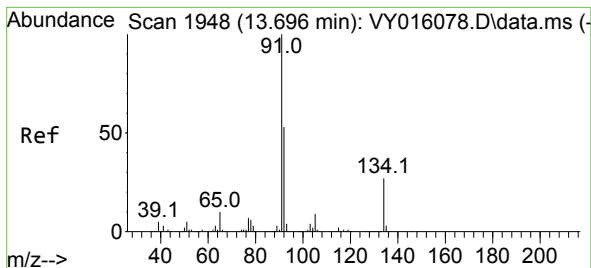
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.790 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

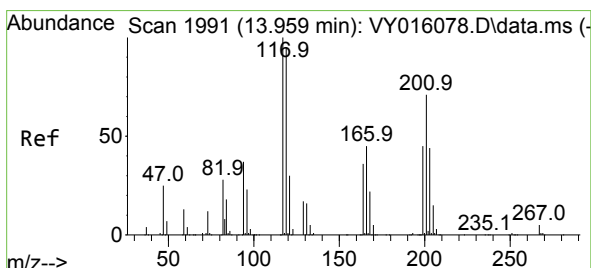
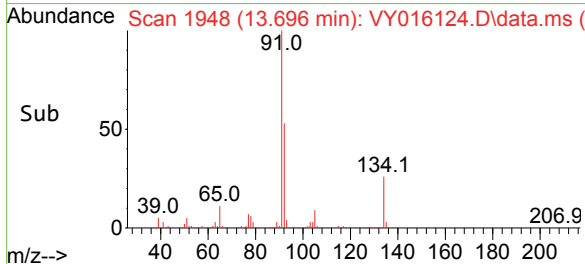
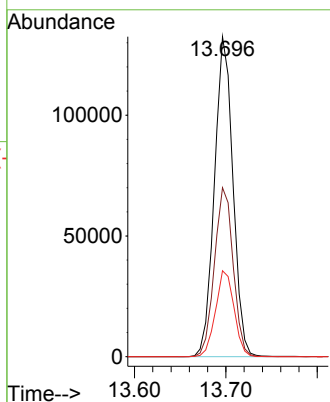
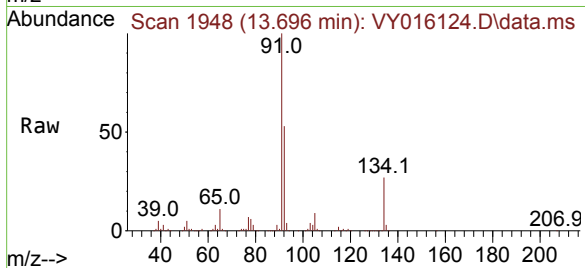
Tgt Ion: 91 Resp: 186519

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 20.525 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016124.D

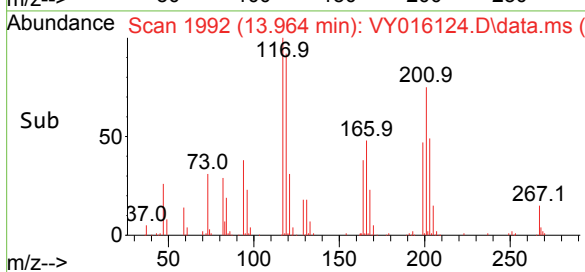
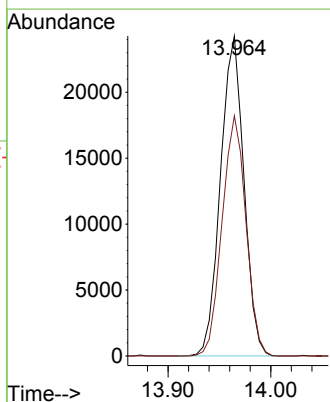
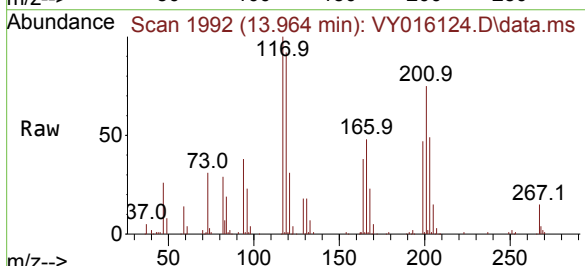
Acq: 30 Oct 2023 11:05

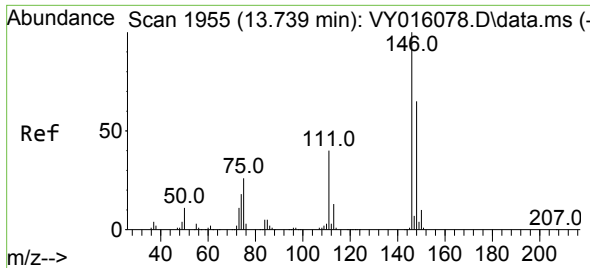
Tgt Ion: 117 Resp: 38431

Ion Ratio Lower Upper

117 100

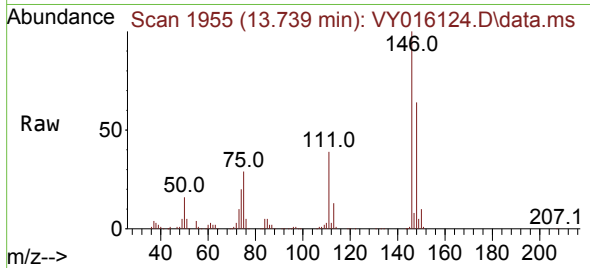
201 76.3 41.6 124.8



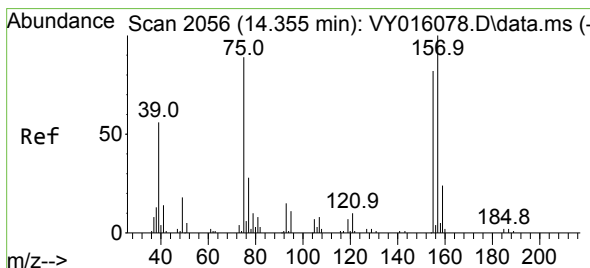
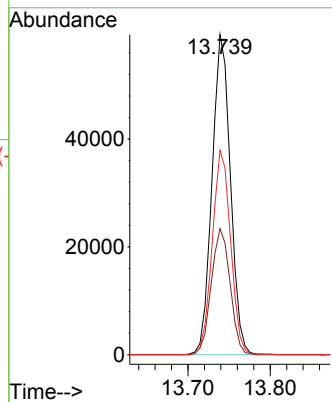
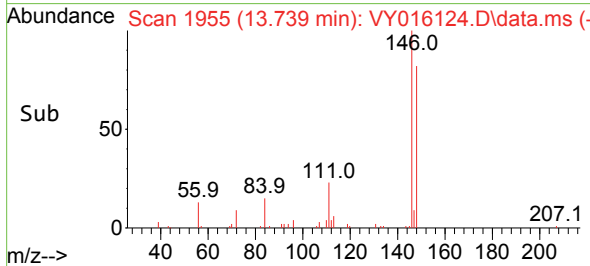


#91
1,2-Dichlorobenzene
Concen: 21.069 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05

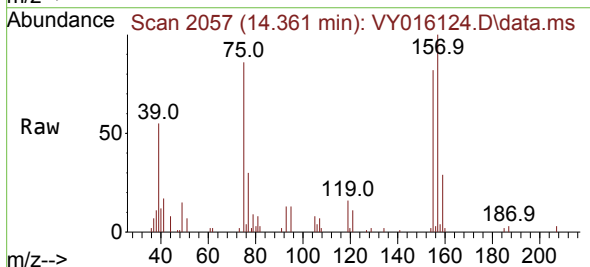
Instrument :
MSVOA_Y
ClientSampleId :



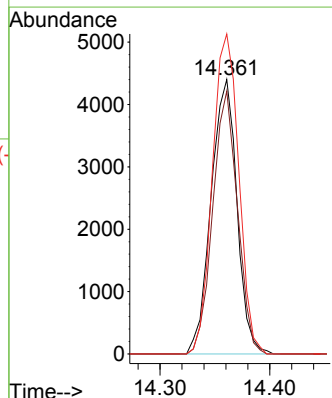
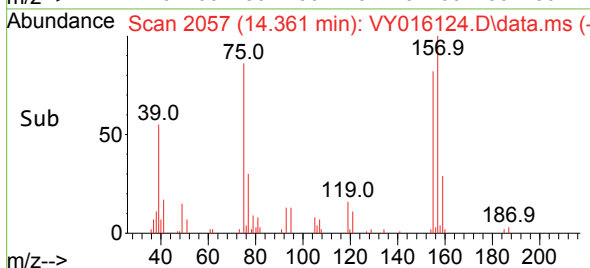
Tgt Ion:146 Resp: 92182
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.9 32.0 96.2

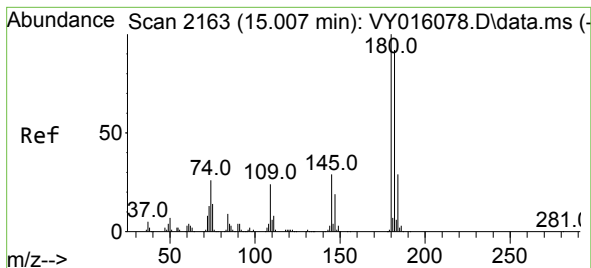


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.461 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016124.D
Acq: 30 Oct 2023 11:05



Tgt Ion: 75 Resp: 7222
Ion Ratio Lower Upper
75 100
155 91.3 41.5 124.6
157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.895 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

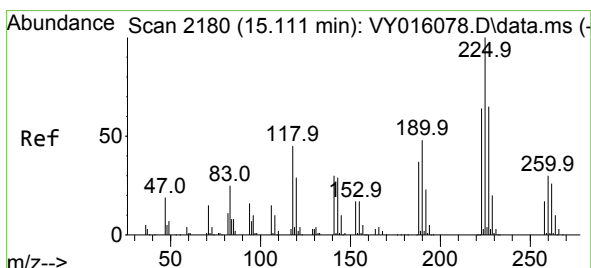
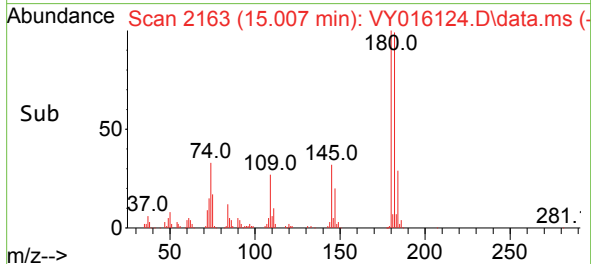
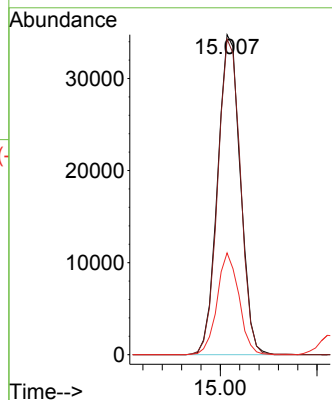
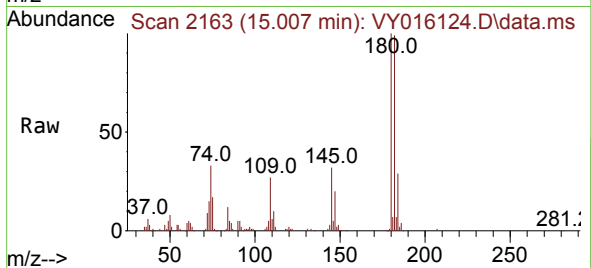
Tgt Ion:180 Resp: 56558

Ion Ratio Lower Upper

180 100

182 98.4 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.709 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

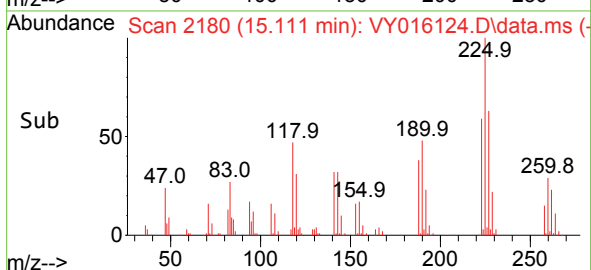
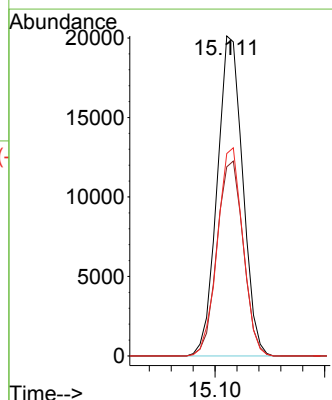
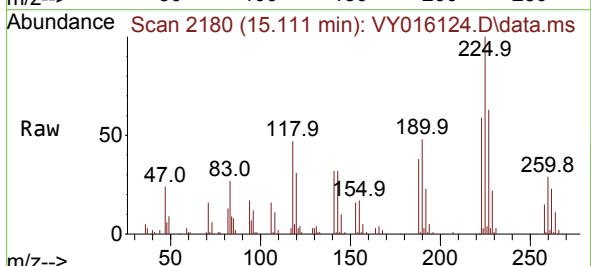
Tgt Ion:225 Resp: 32534

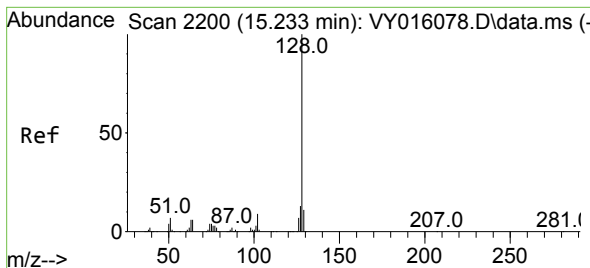
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 22.236 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

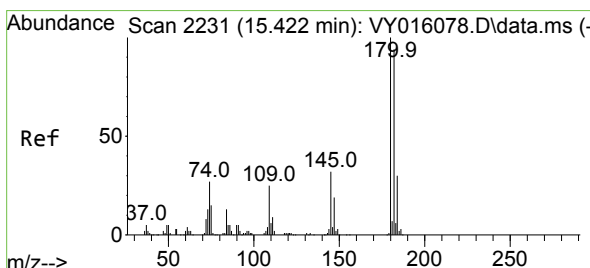
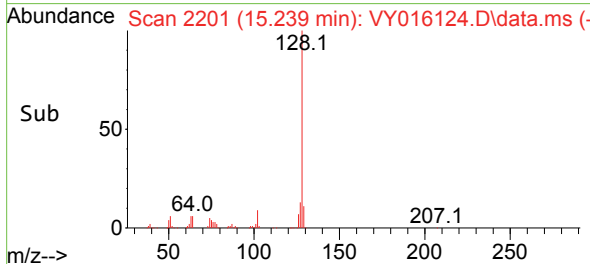
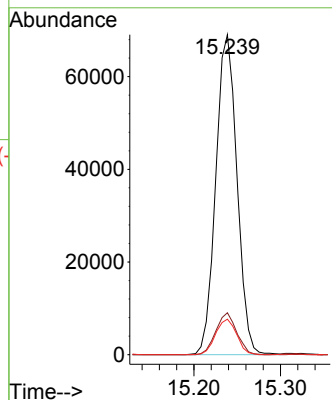
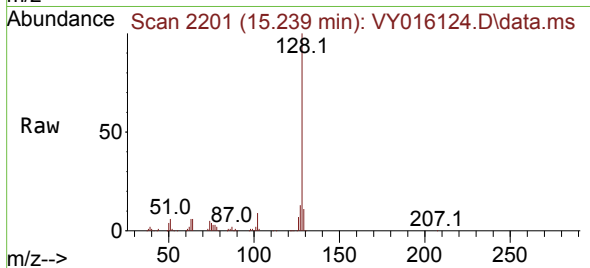
Tgt Ion:128 Resp: 117381

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.057 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016124.D

Acq: 30 Oct 2023 11:05

Tgt Ion:180 Resp: 49152

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 31.8 15.4 46.2

