

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016215.D
 Acq On : 03 Nov 2023 15:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:03:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	151353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	215531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76982	54.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.720%	
35) Dibromofluoromethane	7.728	113	72111	48.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.620%	
50) Toluene-d8	10.185	98	297289	50.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.489	95	98206	49.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47690	49.396	ug/l	95
3) Chloromethane	2.113	50	64700	48.402	ug/l	99
4) Vinyl Chloride	2.253	62	73027	52.932	ug/l	98
5) Bromomethane	2.656	94	49227	52.871	ug/l	99
6) Chloroethane	2.796	64	49966	51.442	ug/l	99
7) Trichlorofluoromethane	3.131	101	108332	52.012	ug/l	98
8) Diethyl Ether	3.534	74	38890	56.336	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	66139	50.405	ug/l	98
10) Methyl Iodide	4.095	142	77512	53.124	ug/l	97
11) Tert butyl alcohol	4.966	59	30437	287.641	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	61256	51.148	ug/l	89
13) Acrolein	3.735	56	27980	289.086	ug/l	99
14) Allyl chloride	4.485	41	97612	56.982	ug/l #	95
15) Acrylonitrile	5.168	53	87710	297.337	ug/l	98
16) Acetone	3.954	43	63483	283.347	ug/l	93
17) Carbon Disulfide	4.204	76	152330	50.946	ug/l	98
18) Methyl Acetate	4.485	43	70092	61.540	ug/l #	90
19) Methyl tert-butyl Ether	5.229	73	196159	57.582	ug/l	99
20) Methylene Chloride	4.723	84	75767	52.767	ug/l	90
21) trans-1,2-Dichloroethene	5.229	96	74288	53.252	ug/l	91
22) Diisopropyl ether	6.125	45	232526	56.120	ug/l	89
23) Vinyl Acetate	6.070	43	578490	284.365	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	136818	55.174	ug/l	96
25) 2-Butanone	6.990	43	113200	289.713	ug/l	93
26) 2,2-Dichloropropane	6.990	77	119352	50.915	ug/l	96
27) cis-1,2-Dichloroethene	6.997	96	89965	54.800	ug/l	91
28) Bromochloromethane	7.344	49	47415	51.097	ug/l	88
29) Tetrahydrofuran	7.356	42	74658	304.809	ug/l	90
30) Chloroform	7.515	83	147755	54.729	ug/l	96
31) Cyclohexane	7.795	56	104008	47.773	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	128602	51.941	ug/l	98
36) 1,1-Dichloropropene	7.929	75	104936	49.184	ug/l	100
37) Ethyl Acetate	7.082	43	53588	56.392	ug/l	96
38) Carbon Tetrachloride	7.911	117	112353	53.154	ug/l	97
39) Methylcyclohexane	9.191	83	123207	48.379	ug/l	93
40) Benzene	8.167	78	313202	51.134	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	26803	48.592	ug/l	96
42) 1,2-Dichloroethane	8.246	62	89989	52.646	ug/l	94
43) Isopropyl Acetate	8.277	43	107548	57.216	ug/l	93
44) Trichloroethene	8.947	130	89731	50.060	ug/l	96
45) 1,2-Dichloropropane	9.222	63	78503	53.277	ug/l	98
46) Dibromomethane	9.313	93	44422	53.145	ug/l	97
47) Bromodichloromethane	9.502	83	115022	54.160	ug/l	98
48) Methyl methacrylate	9.301	41	46544	54.454	ug/l #	87
49) 1,4-Dioxane	9.301	88	9988	1005.013	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	272415	290.451	ug/l	91
52) Toluene	10.252	92	205904	51.877	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	113307	53.445	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	129908	52.220	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	64114	54.529	ug/l	94
56) Ethyl methacrylate	10.514	69	85925	56.272	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	106621	53.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	206798	279.293	ug/l	93
59) 2-Hexanone	10.837	43	188570	293.399	ug/l	90
60) Dibromochloromethane	10.990	129	78950	53.523	ug/l	100
61) 1,2-Dibromoethane	11.093	107	60595	54.182	ug/l	100
64) Tetrachloroethene	10.728	164	90582	47.249	ug/l	98
65) Chlorobenzene	11.526	112	220298	51.446	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	84046	52.991	ug/l	99
67) Ethyl Benzene	11.599	91	389729	50.885	ug/l	99
68) m/p-Xylenes	11.709	106	299571	101.221	ug/l	95
69) o-Xylene	12.038	106	145109	51.352	ug/l	96
70) Styrene	12.050	104	242188	51.556	ug/l	96
71) Bromoform	12.215	173	48420	55.031	ug/l #	100
73) Isopropylbenzene	12.337	105	384555	50.108	ug/l	100
74) N-amyl acetate	12.148	43	91159	54.660	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	67525	55.293	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	91800	95.280	ug/l #	100
77) Bromobenzene	12.617	156	87690	50.461	ug/l	97
78) n-propylbenzene	12.678	91	449818	49.575	ug/l	99
79) 2-Chlorotoluene	12.764	91	253328	50.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	306596	49.310	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	24310	54.708	ug/l	94
82) 4-Chlorotoluene	12.861	91	261649	50.350	ug/l	100
83) tert-Butylbenzene	13.081	119	273320	49.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	304952	49.566	ug/l	98
85) sec-Butylbenzene	13.258	105	401684	49.193	ug/l	100
86) p-Isopropyltoluene	13.373	119	331445	48.976	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	170970	49.746	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	169035	49.762	ug/l	99
89) n-Butylbenzene	13.703	91	303870	48.867	ug/l	96
90) Hexachloroethane	13.971	117	63189	54.182	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	150707	50.752	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10919	49.960	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	84937	46.343	ug/l	99
94) Hexachlorobutadiene	15.117	225	46762	46.690	ug/l	99
95) Naphthalene	15.245	128	172025	48.314	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	71776	45.844	ug/l	99

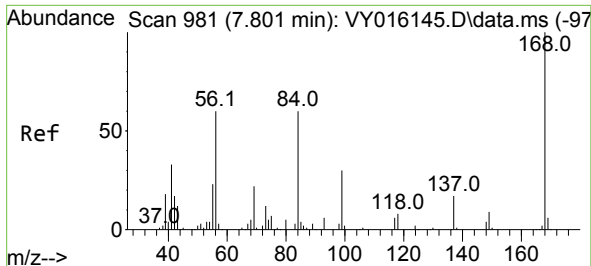
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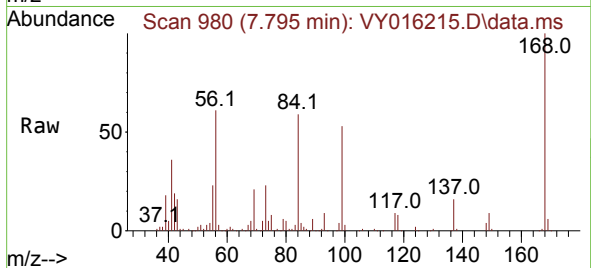
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

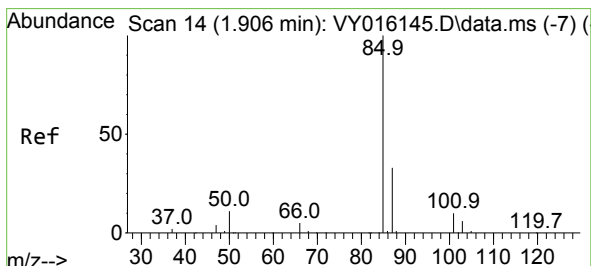
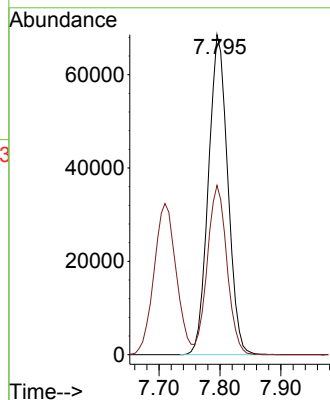
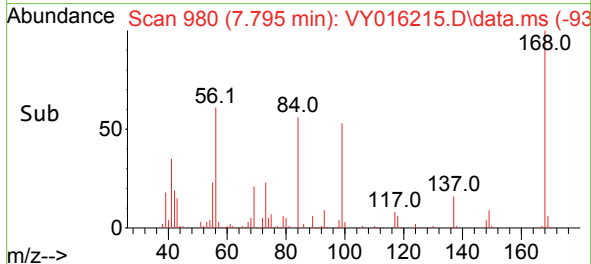


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :

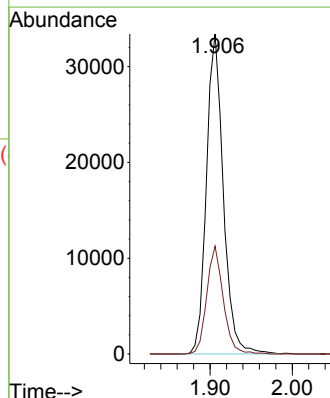
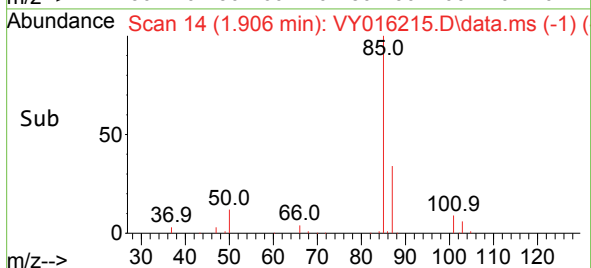
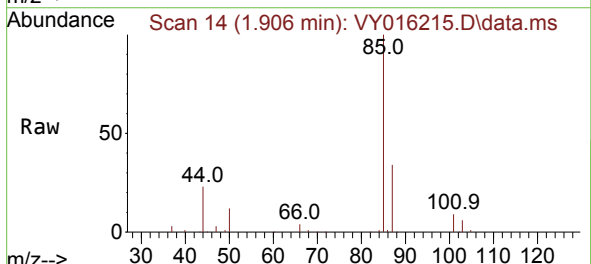


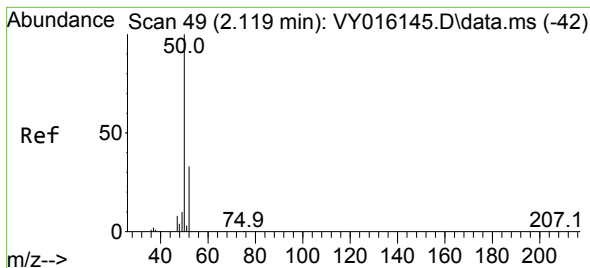
Tgt Ion:168 Resp: 151353
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.396 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 85 Resp: 47690
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8





#3

Chloromethane

Concen: 48.402 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

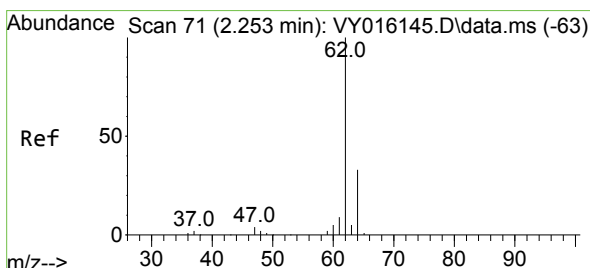
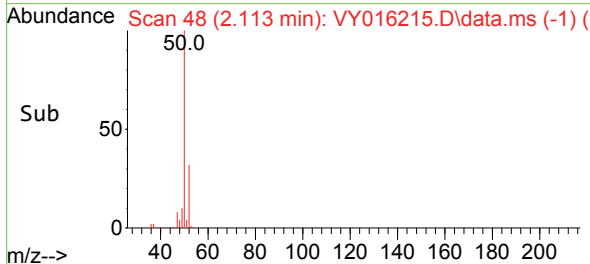
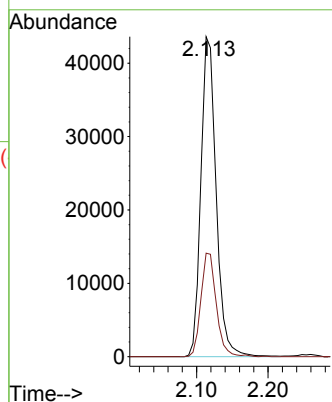
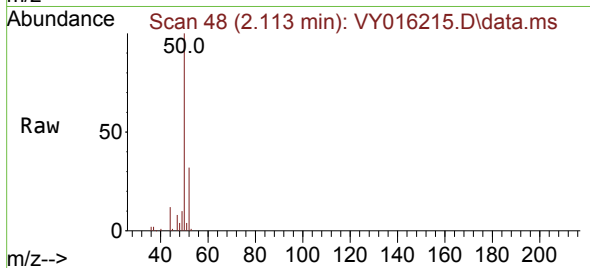
ClientSampleId :

Tgt Ion: 50 Resp: 64700

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 52.932 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY016215.D

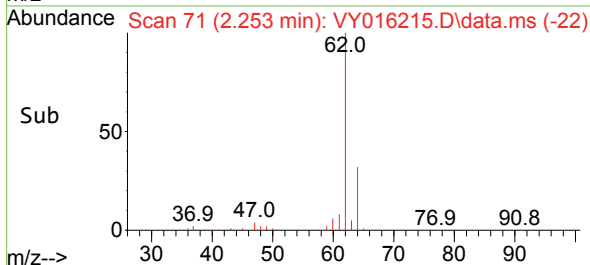
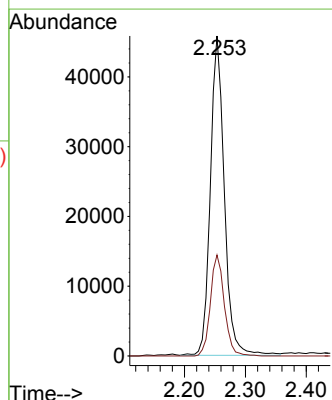
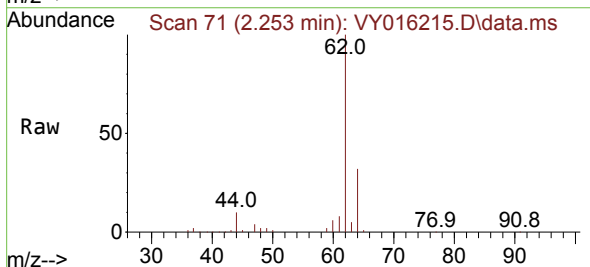
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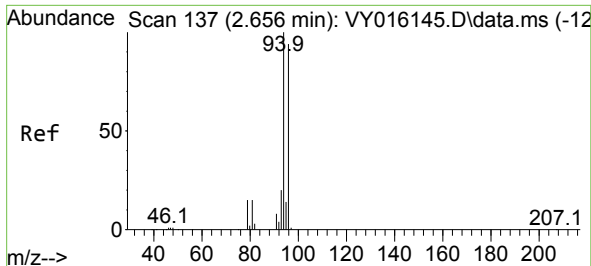
Tgt Ion: 62 Resp: 73027

Ion Ratio Lower Upper

62 100

64 31.6 24.3 36.5

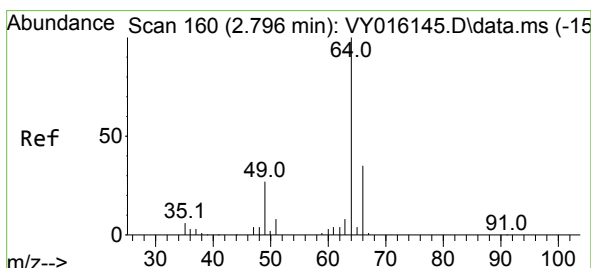
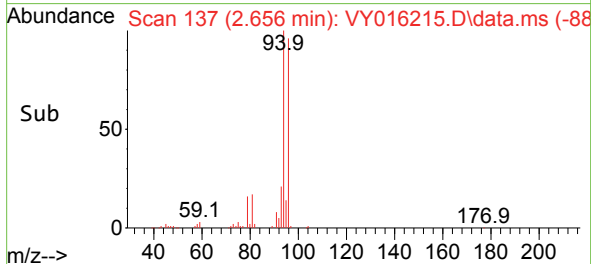
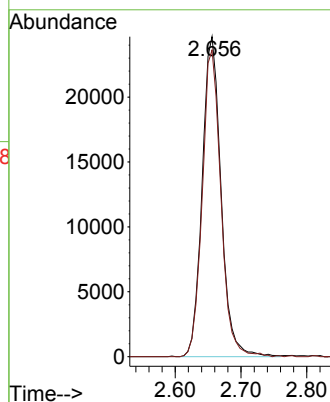
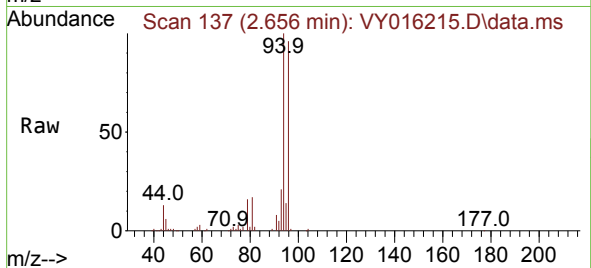




#5
Bromomethane
Concen: 52.871 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

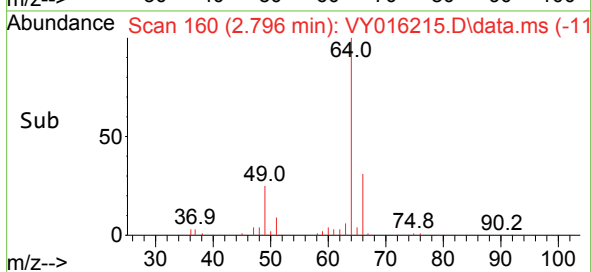
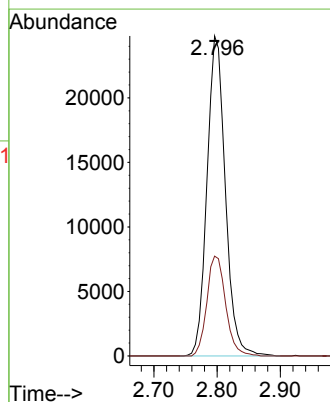
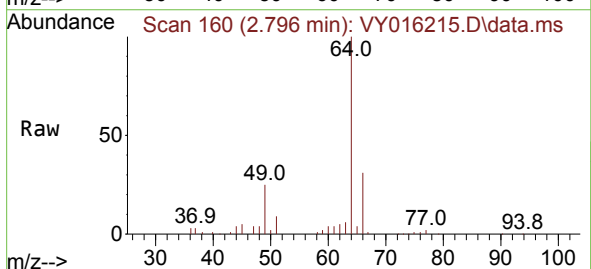
Instrument :
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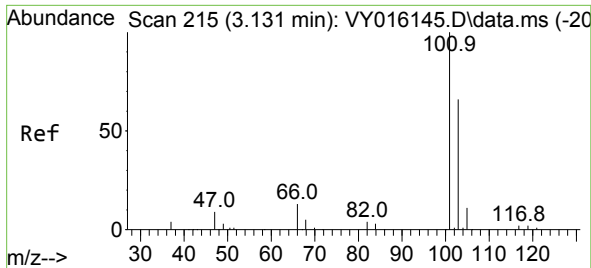
Tgt Ion: 94 Resp: 49227
Ion Ratio Lower Upper
94 100
96 95.8 75.8 113.6



#6
Chloroethane
Concen: 51.442 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 64 Resp: 49966
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

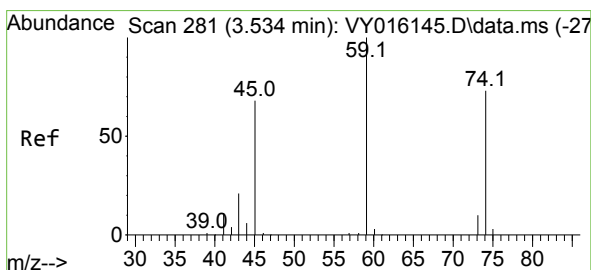
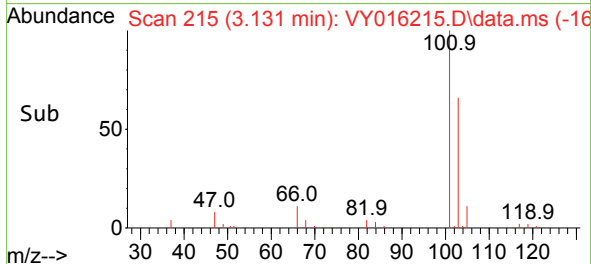
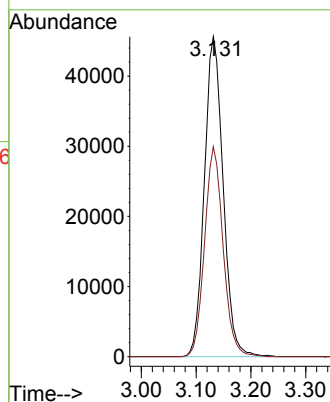
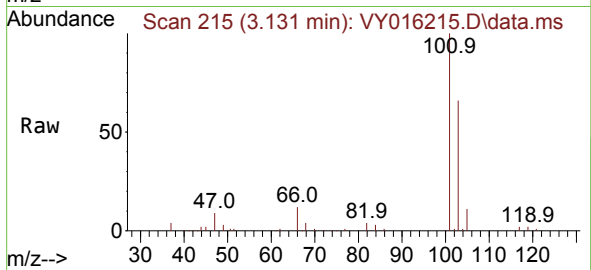




#7
Trichlorofluoromethane
Concen: 52.012 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

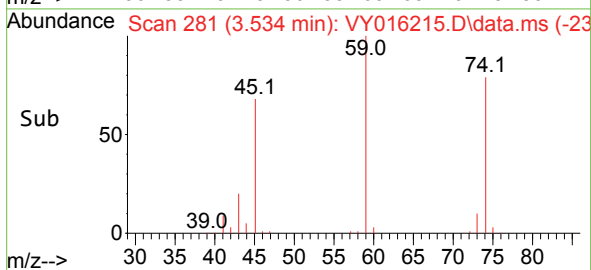
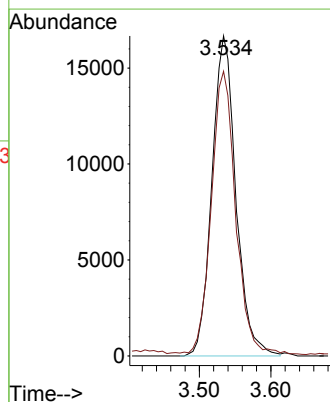
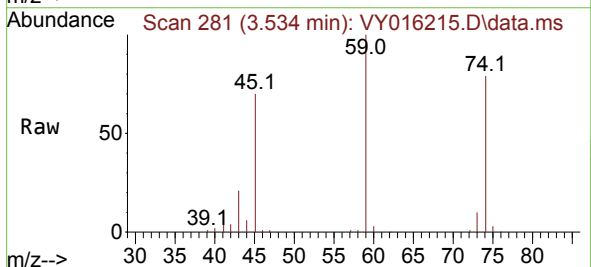
Instrument :
MSVOA_Y
ClientSampleId :

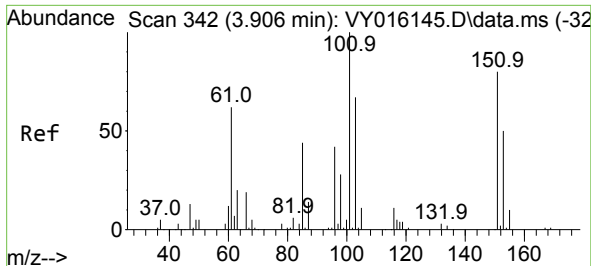
Tgt Ion:101 Resp: 108332
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 56.336 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 74 Resp: 38890
Ion Ratio Lower Upper
74 100
45 89.8 51.5 154.5

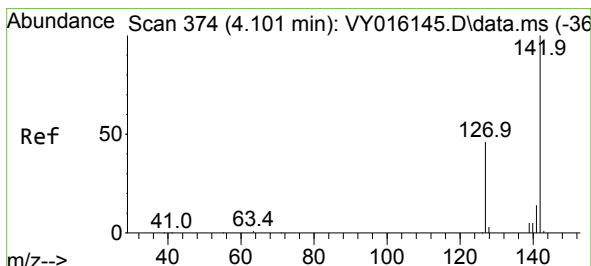
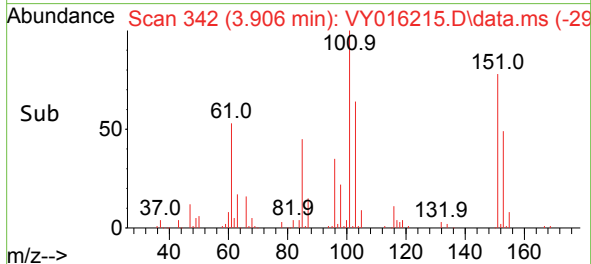
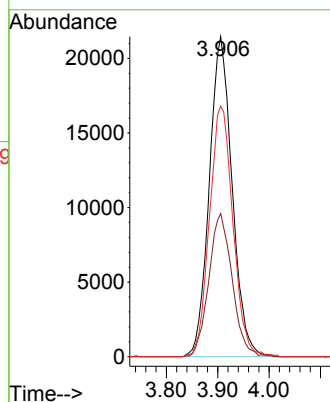
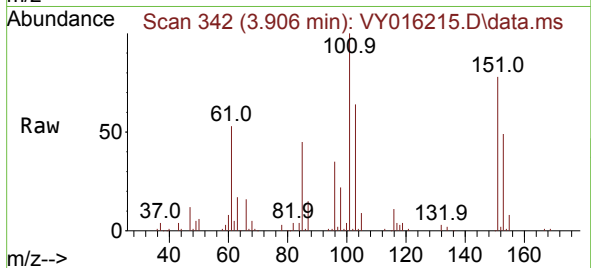




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.405 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016215.D
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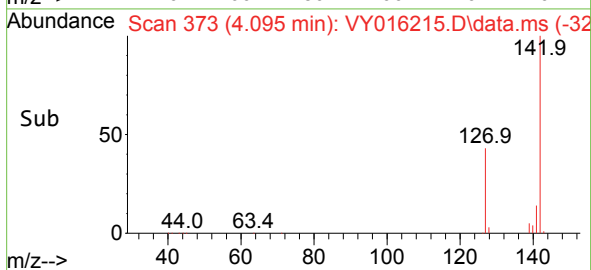
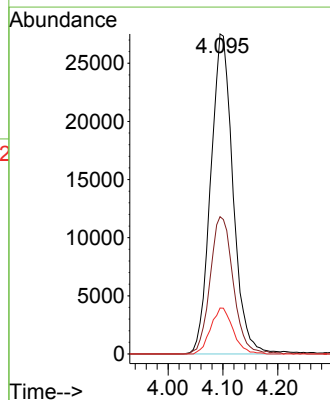
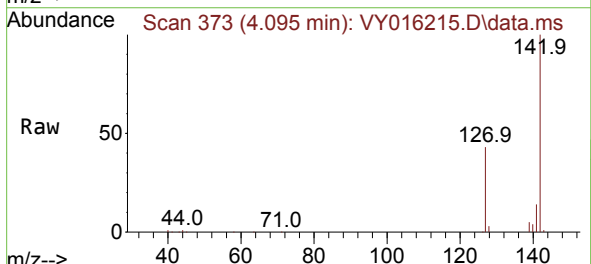
Instrument :
MSVOA_Y
ClientSampleId :

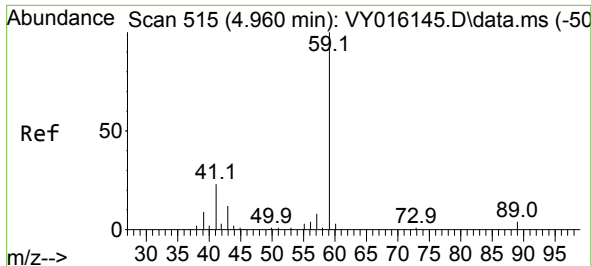
Tgt Ion:101 Resp: 66139
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 80.5 67.0 100.6



#10
Methyl Iodide
Concen: 53.124 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion:142 Resp: 77512
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.4 11.8 17.8

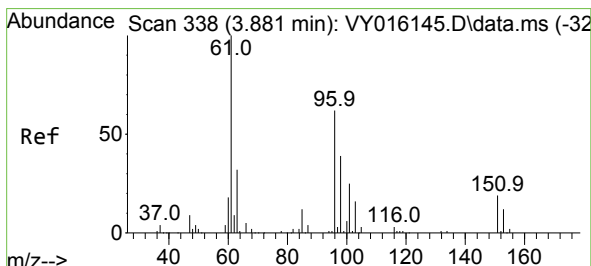
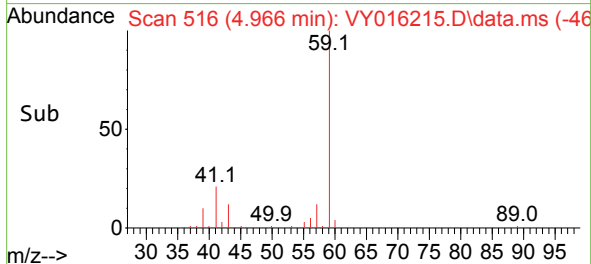
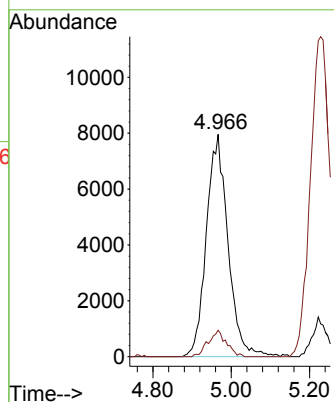
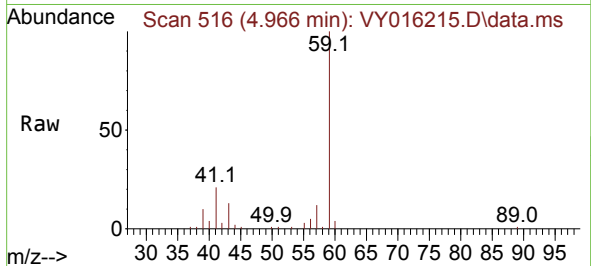




#11
Tert butyl alcohol
Concen: 287.641 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

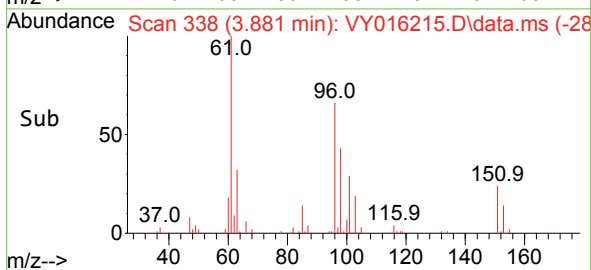
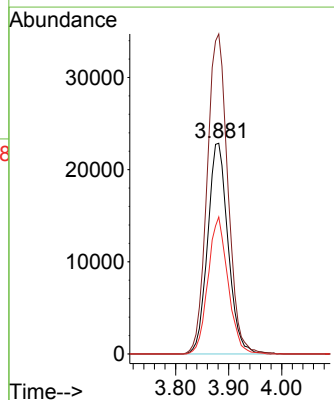
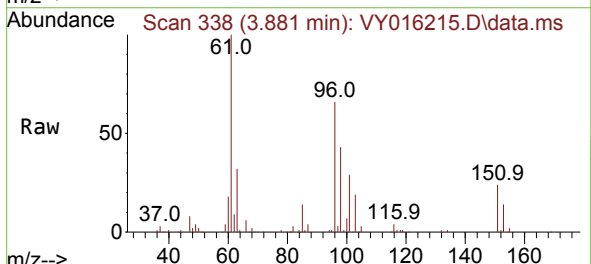
Instrument :
MSVOA_Y
ClientSampleId :

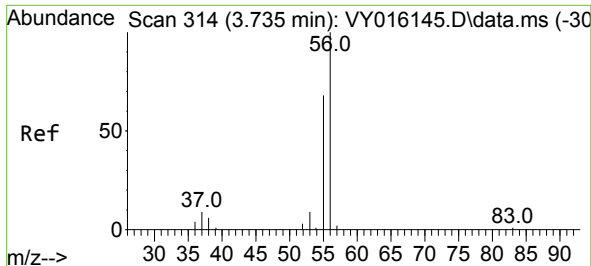
Tgt Ion: 59 Resp: 30437
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.148 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 96 Resp: 61256
Ion Ratio Lower Upper
96 100
61 151.9 136.4 204.6
98 65.0 49.4 74.2

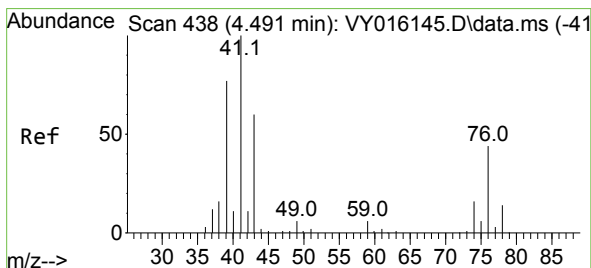
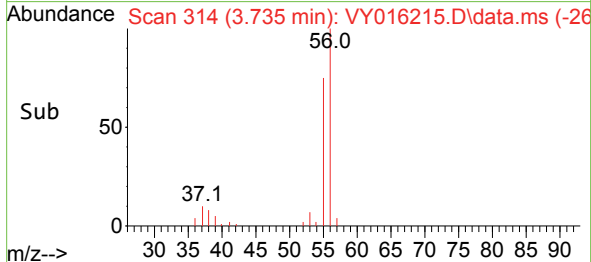
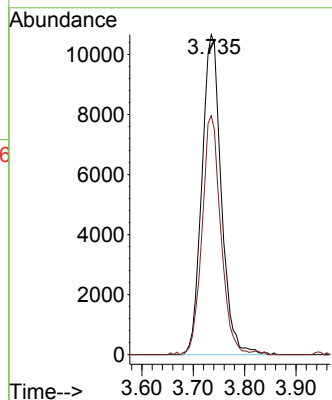
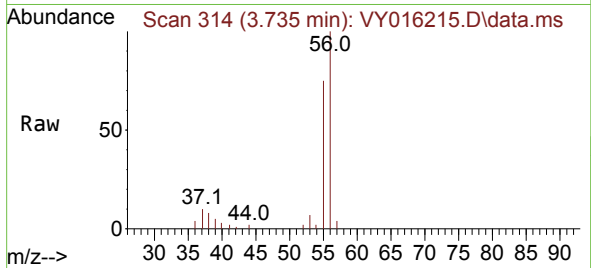




#13
Acrolein
Concen: 289.086 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

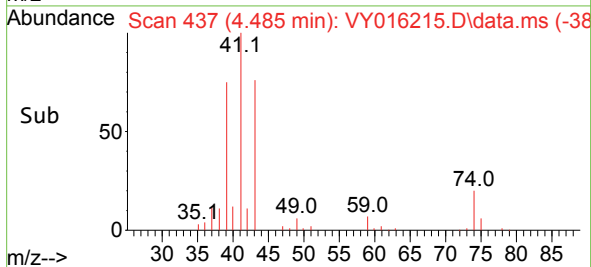
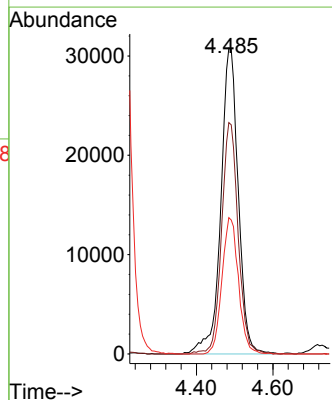
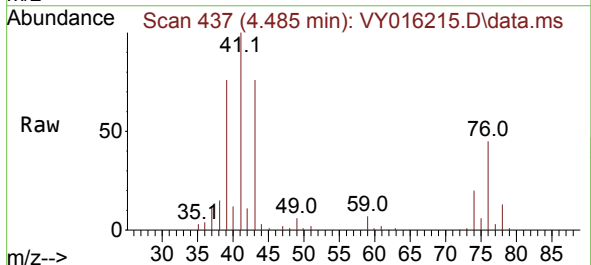
Instrument :
MSVOA_Y
ClientSampleId :

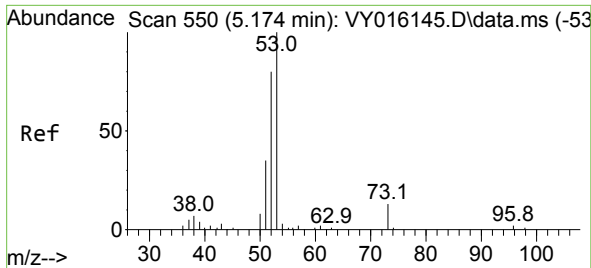
Tgt Ion: 56 Resp: 27980
Ion Ratio Lower Upper
56 100
55 71.9 57.0 85.4



#14
Allyl chloride
Concen: 56.982 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 41 Resp: 97612
Ion Ratio Lower Upper
41 100
39 71.9 58.0 87.0
76 42.0 27.4 41.2#

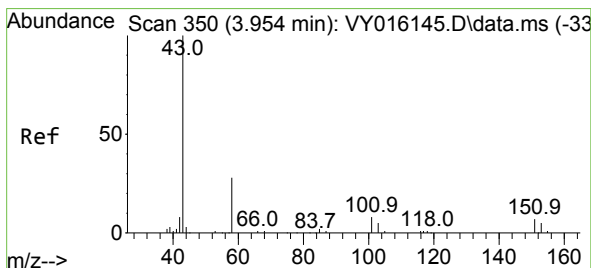
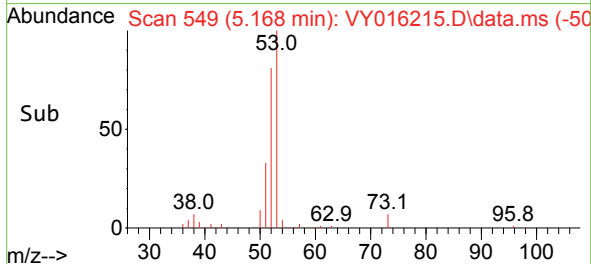
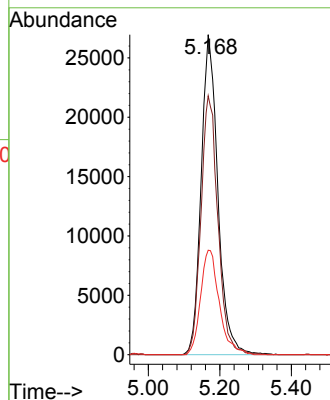
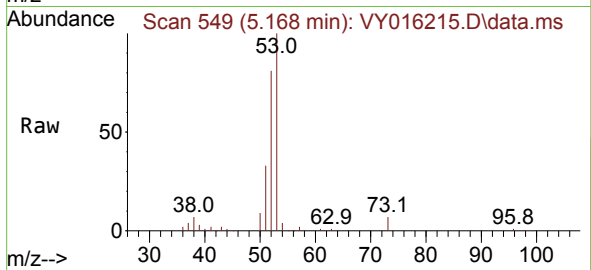




#15
Acrylonitrile
Concen: 297.337 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

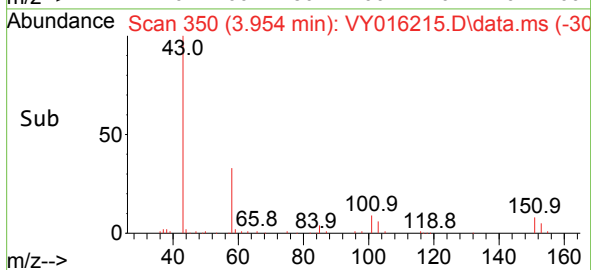
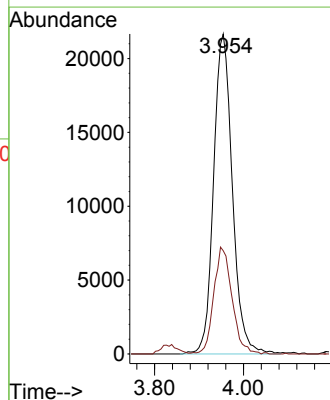
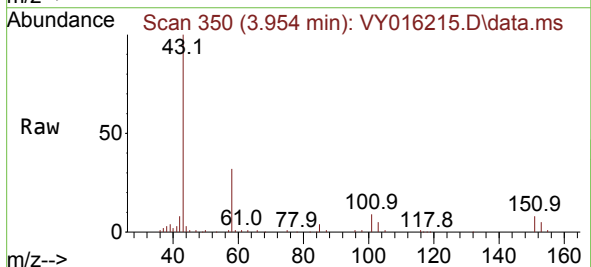
Instrument :
MSVOA_Y
ClientSampleId :

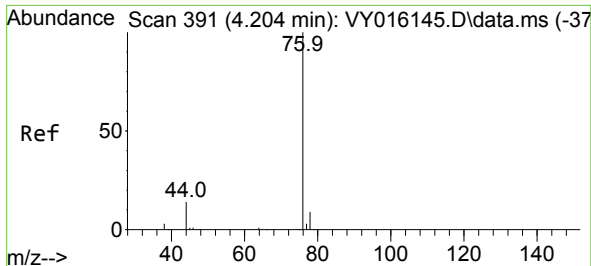
Tgt Ion: 53 Resp: 87710
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 283.347 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 43 Resp: 63483
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1

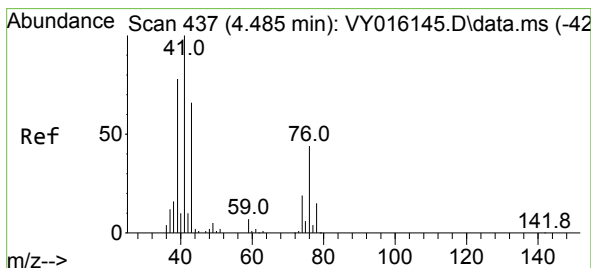
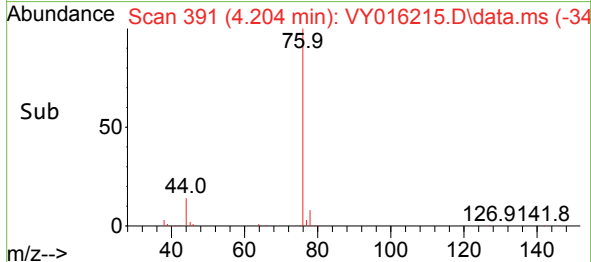
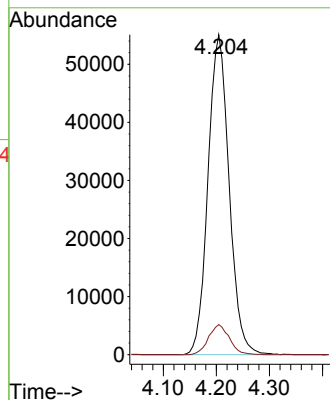
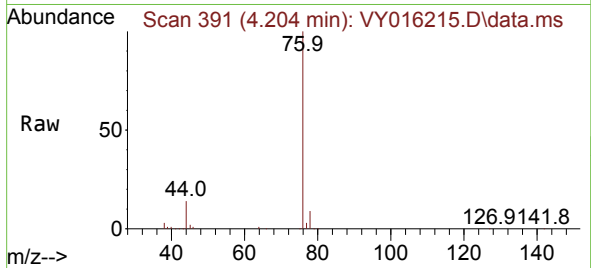




#17
Carbon Disulfide
Concen: 50.946 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

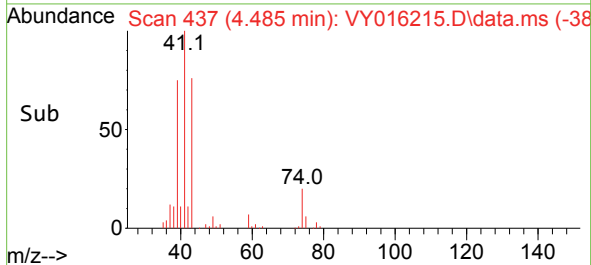
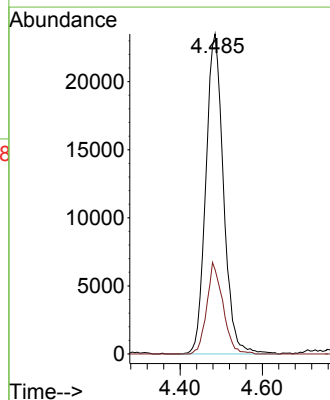
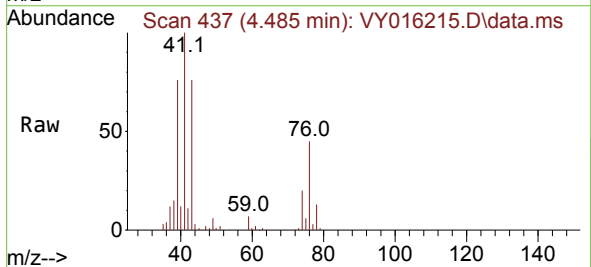
Instrument :
MSVOA_Y
ClientSampleId :

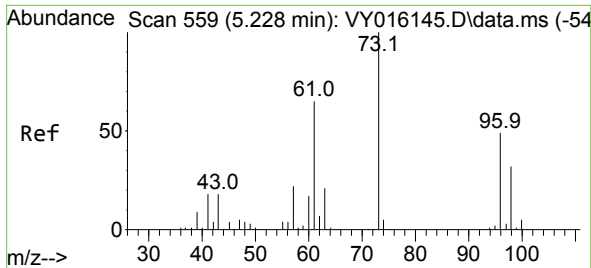
Tgt Ion: 76 Resp: 152330
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 61.540 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 43 Resp: 70092
Ion Ratio Lower Upper
43 100
74 26.2 17.4 26.0#

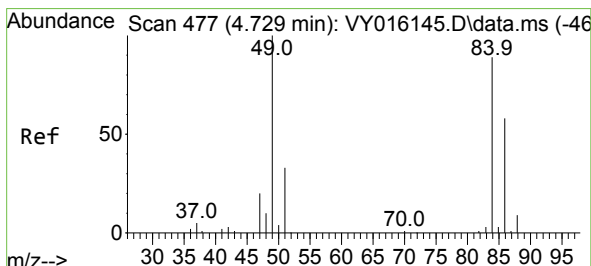
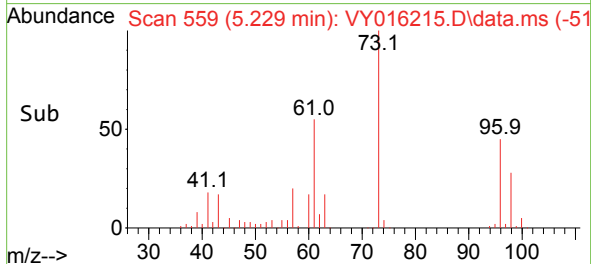
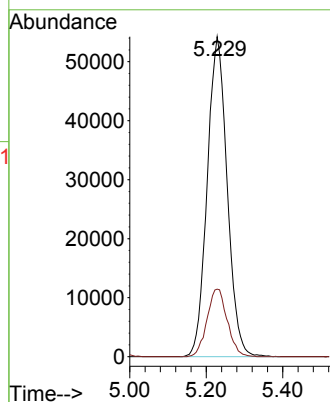
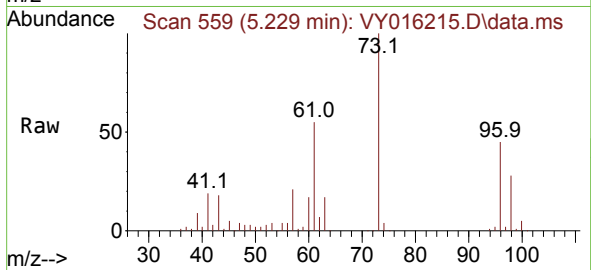




#19
Methyl tert-butyl Ether
Concen: 57.582 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

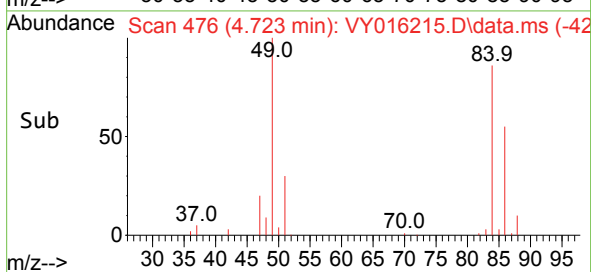
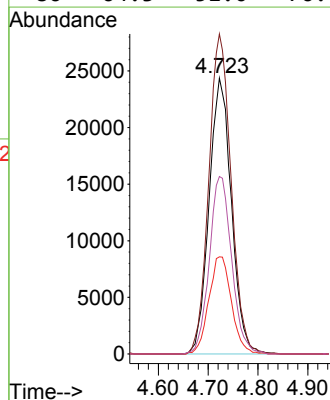
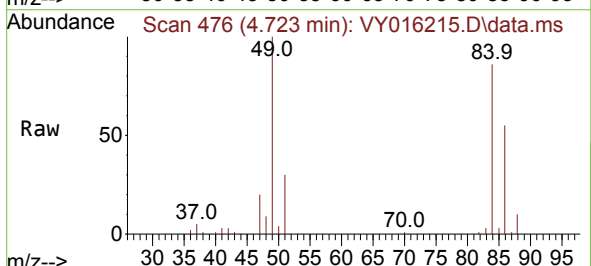
Instrument :
MSVOA_Y
ClientSampleId :

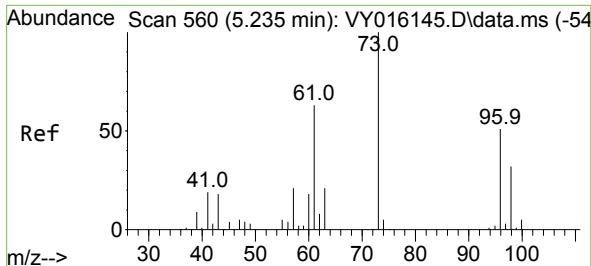
Tgt Ion: 73 Resp: 196159
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 52.767 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

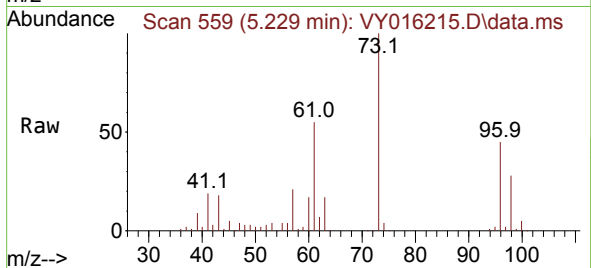
Tgt Ion: 84 Resp: 75767
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 35.2 33.2 49.8
86 64.3 51.0 76.6



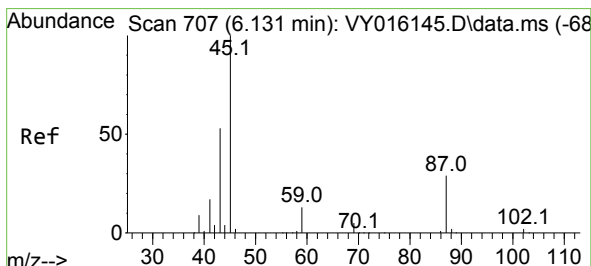
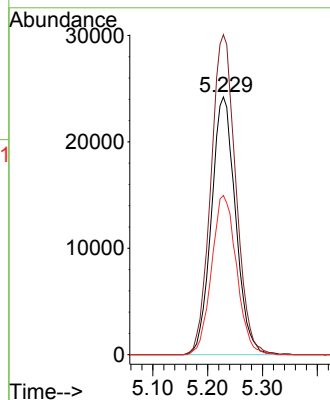
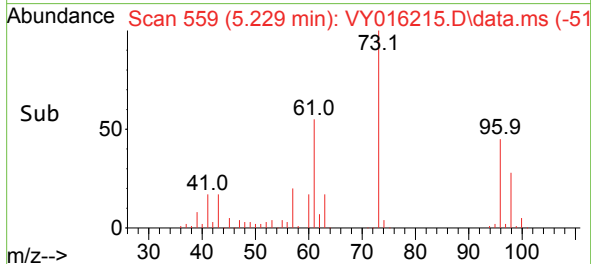


#21
trans-1,2-Dichloroethene
Concen: 53.252 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

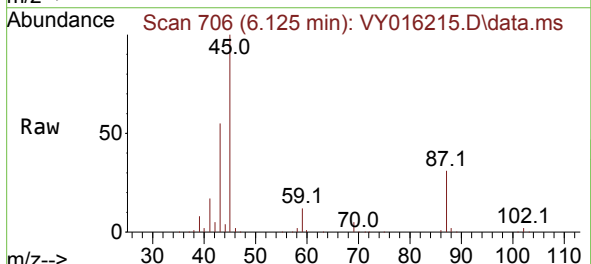
Instrument :
MSVOA_Y
ClientSampleId :



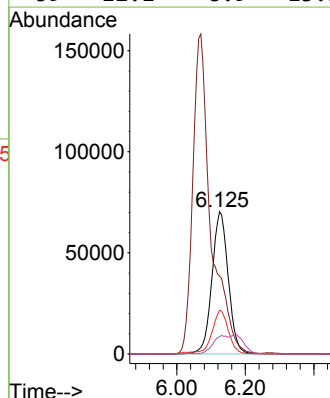
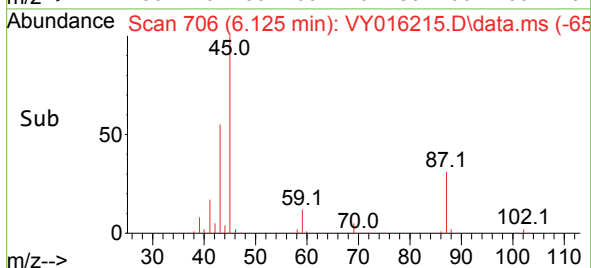
Tgt Ion: 96 Resp: 74288
Ion Ratio Lower Upper
96 100
61 124.2 110.2 165.4
98 61.8 51.8 77.6

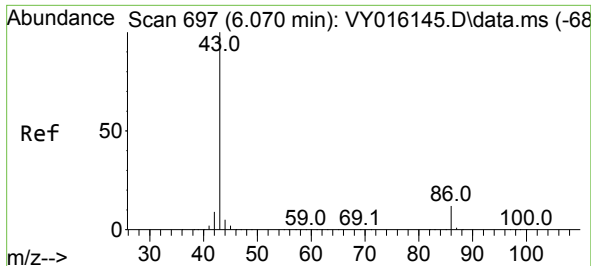


#22
Diisopropyl ether
Concen: 56.120 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46



Tgt Ion: 45 Resp: 232526
Ion Ratio Lower Upper
45 100
43 54.4 52.2 78.4
87 30.8 21.0 31.6
59 12.1 8.9 13.3

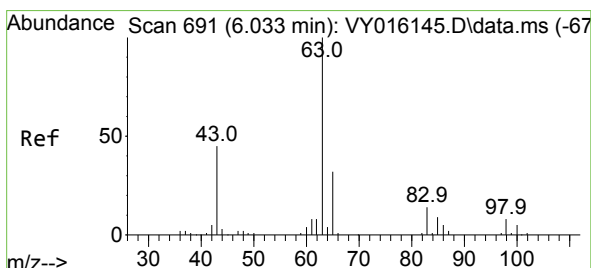
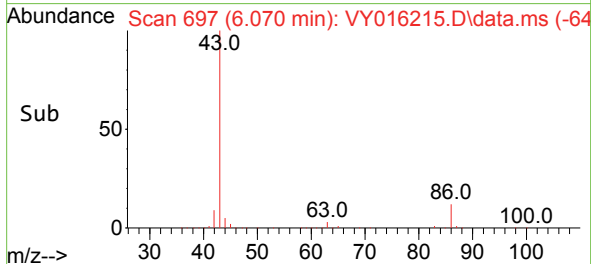
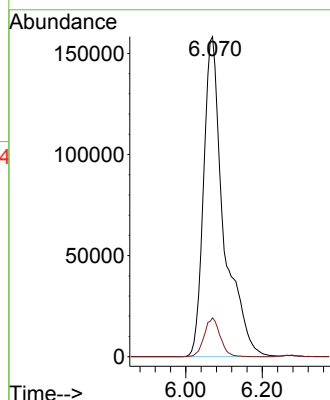
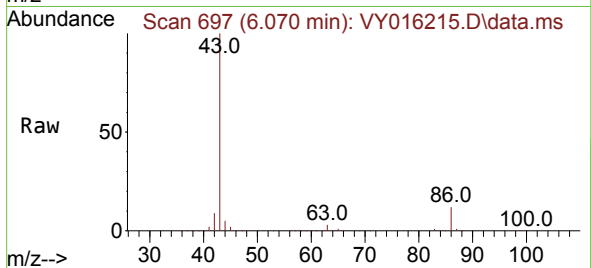




#23
 Vinyl Acetate
 Concen: 284.365 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016215.D
 Acq: 03 Nov 2023 15:46

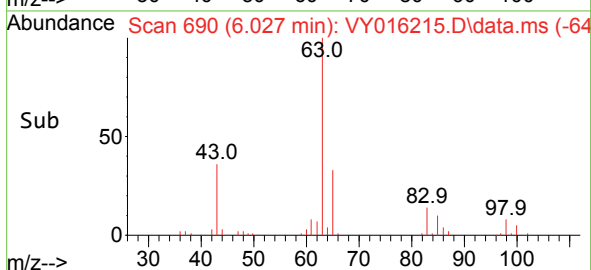
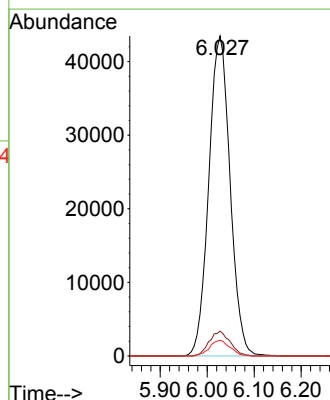
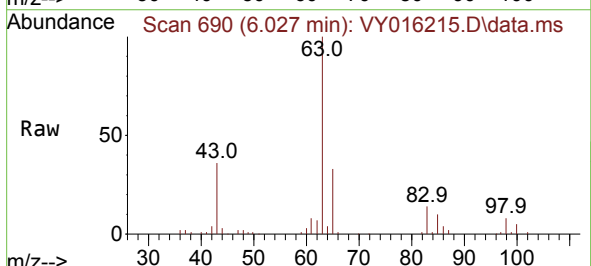
Instrument :
 MSVOA_Y
 ClientSampleId :

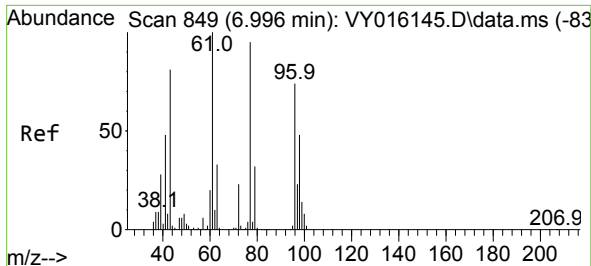
Tgt Ion: 43 Resp: 578490
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 55.174 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016215.D
 Acq: 03 Nov 2023 15:46

Tgt Ion: 63 Resp: 136818
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.9 1.8 5.5

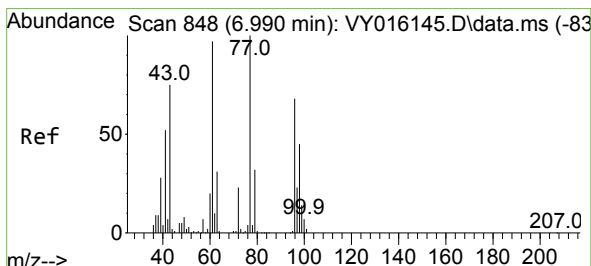
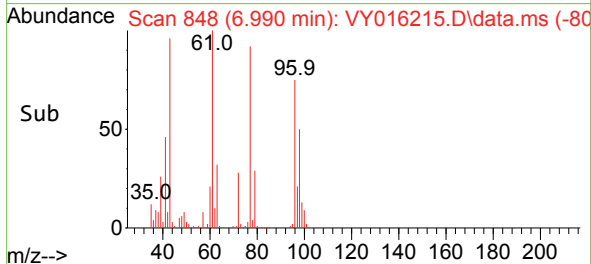
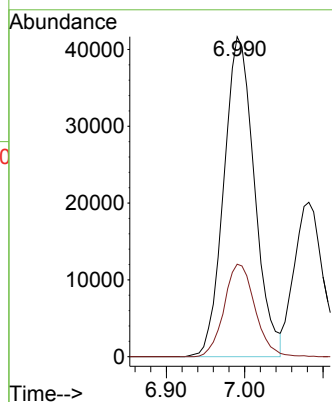
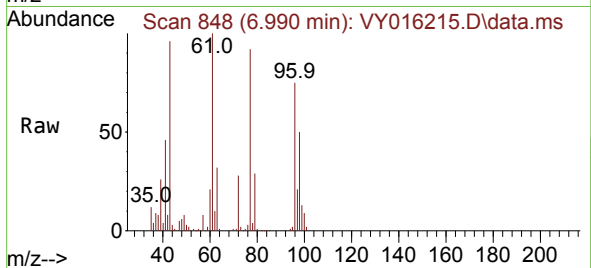




#25
2-Butanone
Concen: 289.713 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

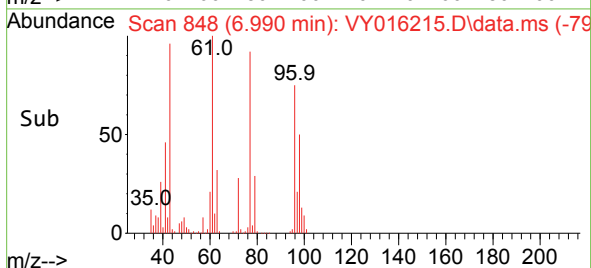
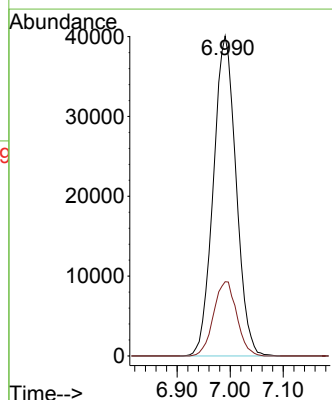
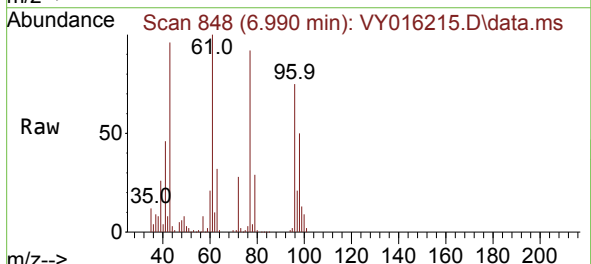
Instrument :
MSVOA_Y
ClientSampleId :

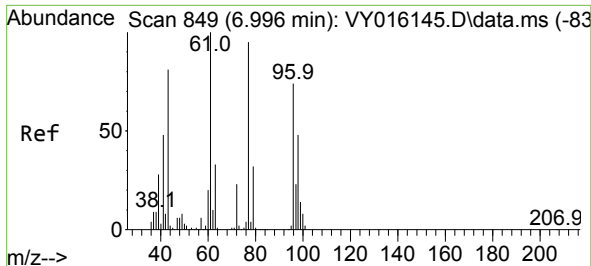
Tgt Ion: 43 Resp: 113200
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.915 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

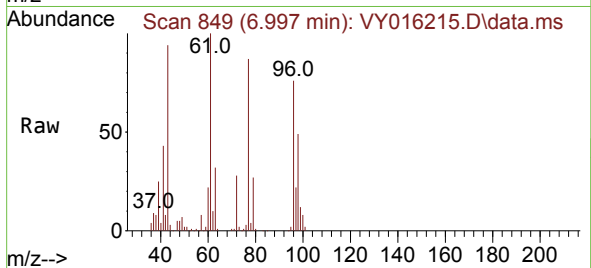
Tgt Ion: 77 Resp: 119352
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.9



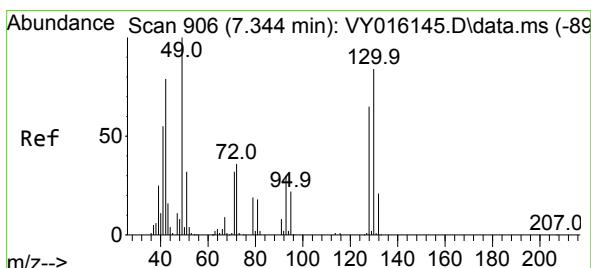
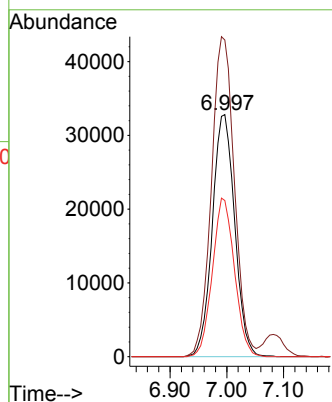
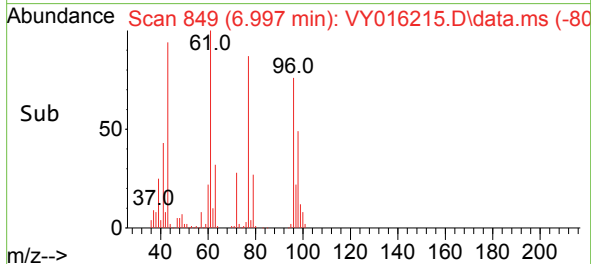


#27
 cis-1,2-Dichloroethene
 Concen: 54.800 ug/l
 RT: 6.997 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016215.D
 Acq: 03 Nov 2023 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :

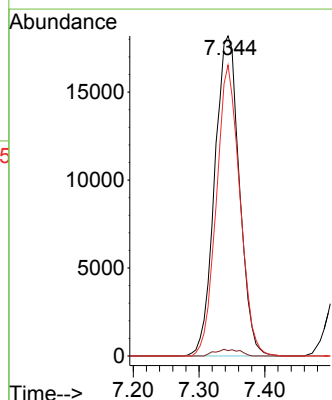
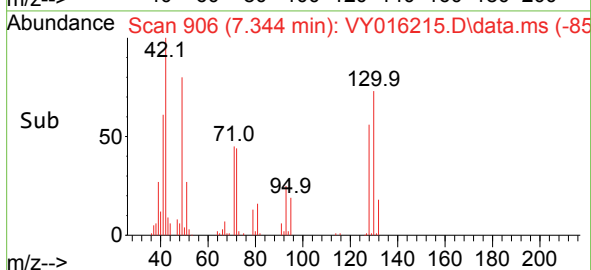
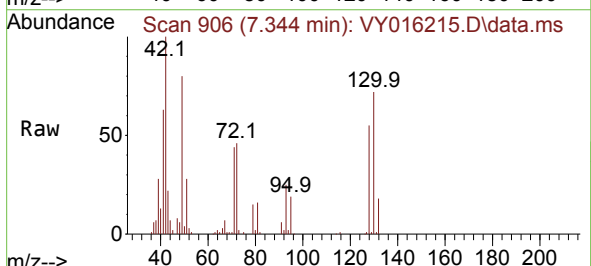


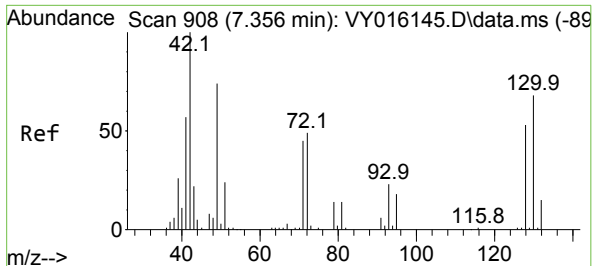
Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	301.4
98	64.5	0.0	130.4



#28
 Bromochloromethane
 Concen: 51.097 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY016215.D
 Acq: 03 Nov 2023 15:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	86.6	60.7	91.1





#29

Tetrahydrofuran

Concen: 304.809 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

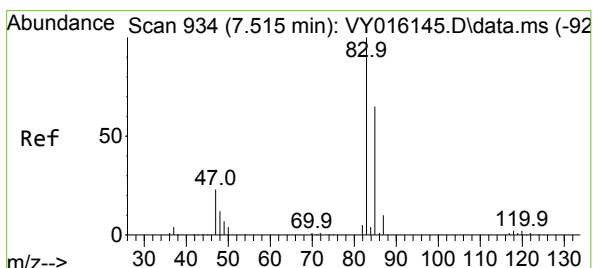
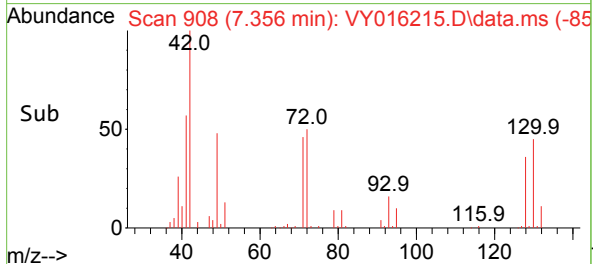
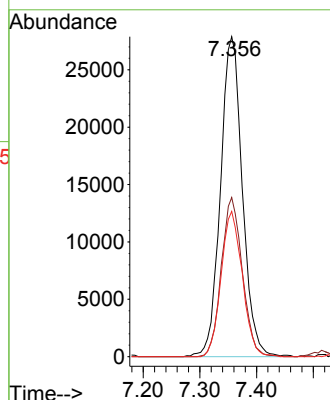
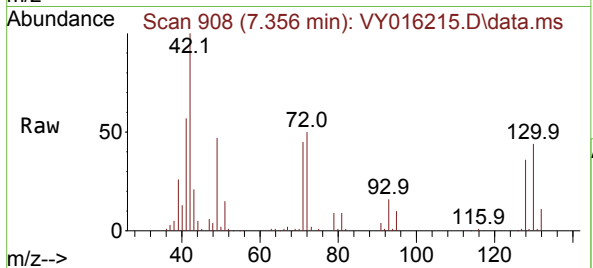
Tgt Ion: 42 Resp: 74658

Ion Ratio Lower Upper

42 100

72 47.7 32.8 49.2

71 44.0 31.0 46.4



#30

Chloroform

Concen: 54.729 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016215.D

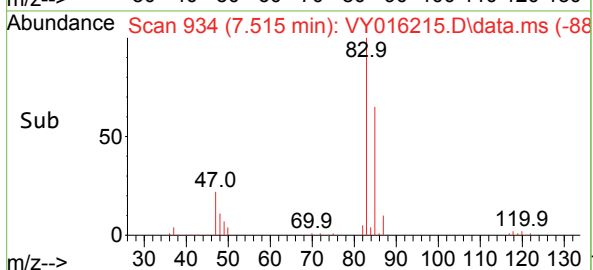
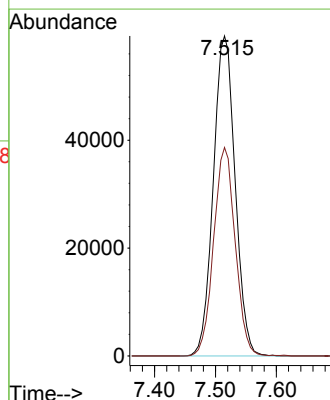
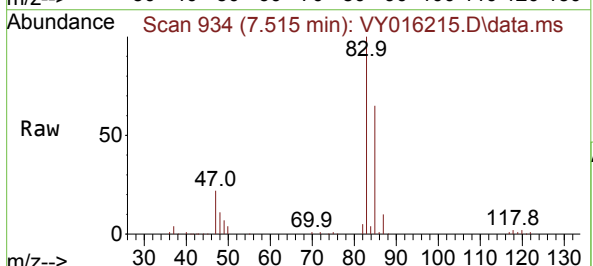
Acq: 03 Nov 2023 15:46

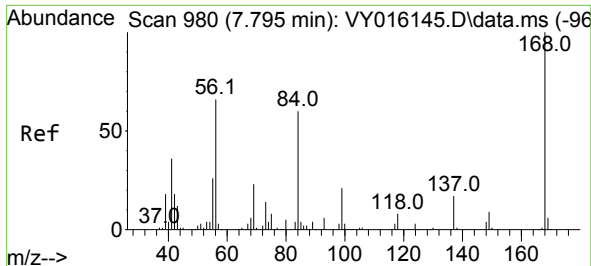
Tgt Ion: 83 Resp: 147755

Ion Ratio Lower Upper

83 100

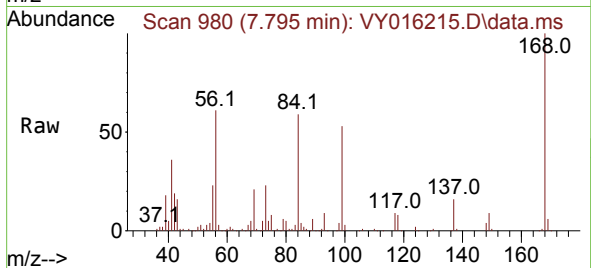
85 65.2 49.7 74.5



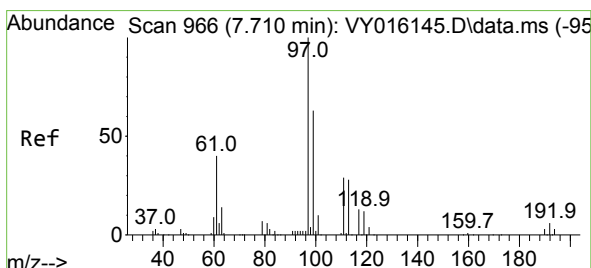
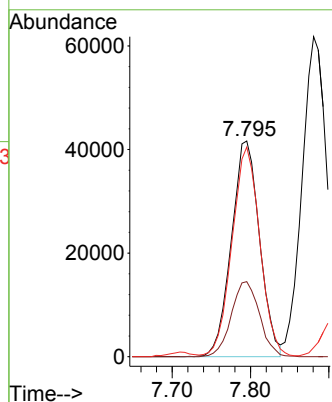
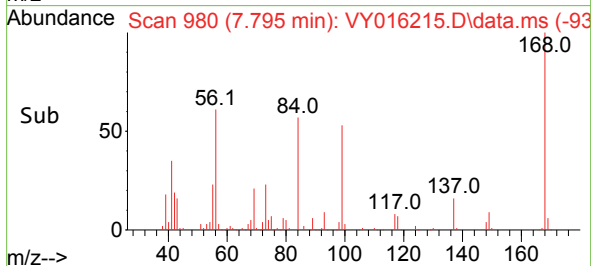


#31
Cyclohexane
Concen: 47.773 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

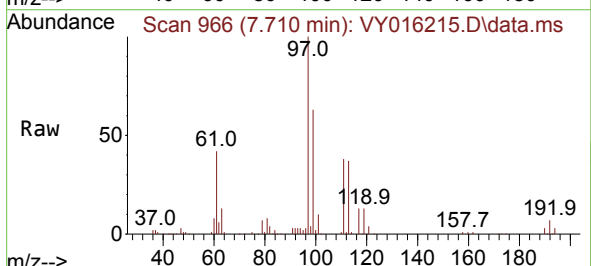
Instrument :
MSVOA_Y
ClientSampleId :



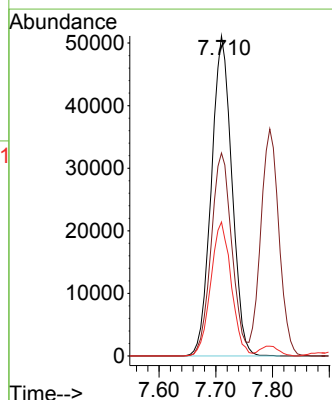
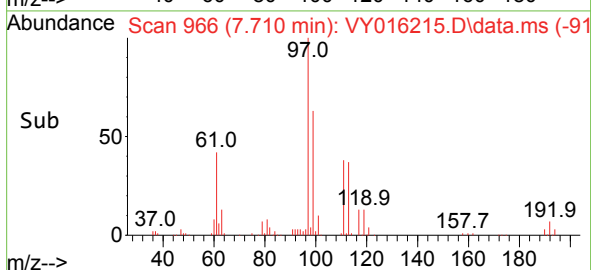
Tgt Ion: 56 Resp: 104008
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.6
84 95.0 66.4 99.6

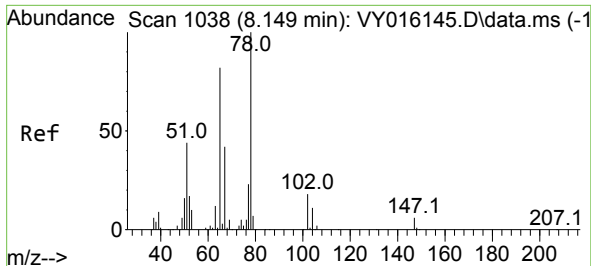


#32
1,1,1-Trichloroethane
Concen: 51.941 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46



Tgt Ion: 97 Resp: 128602
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.356 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

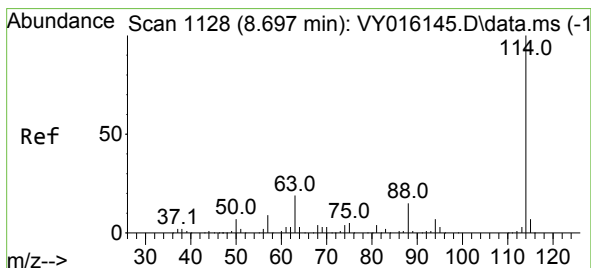
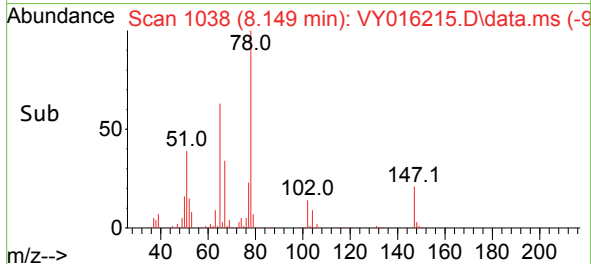
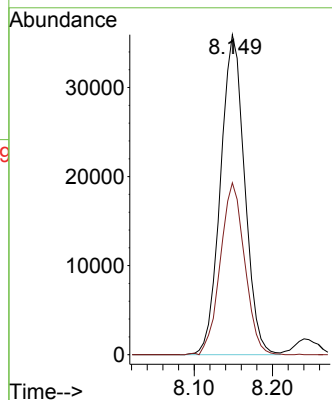
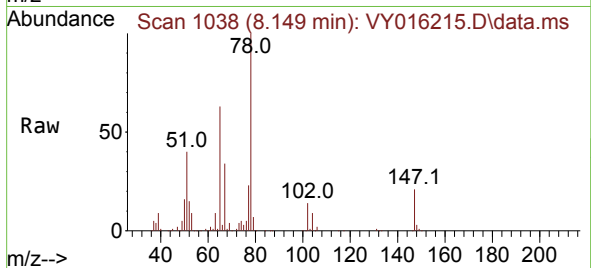
ClientSampleId :

Tgt Ion: 65 Resp: 76982

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

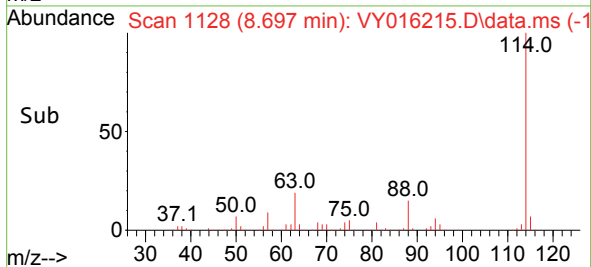
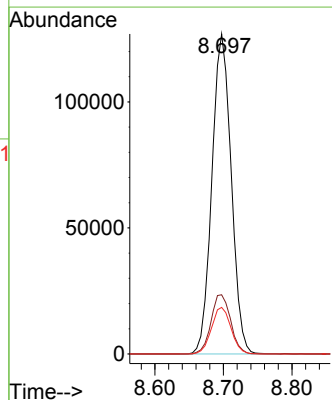
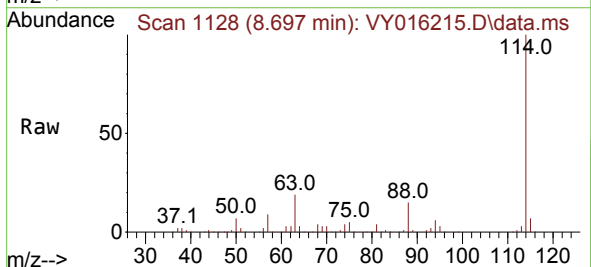
Tgt Ion: 114 Resp: 247836

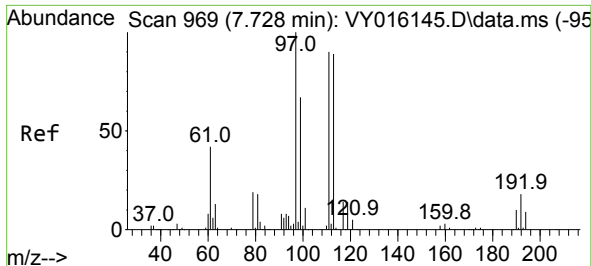
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

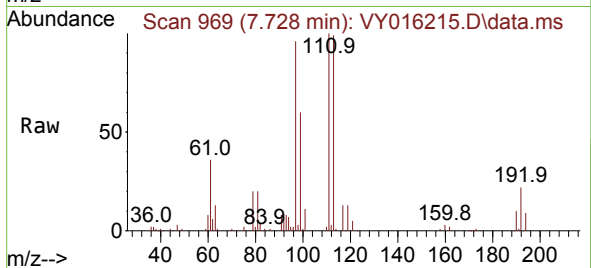
88 14.5 0.0 30.6



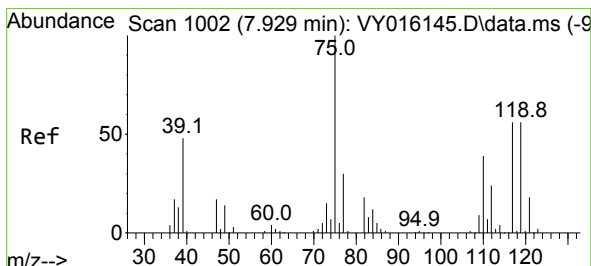
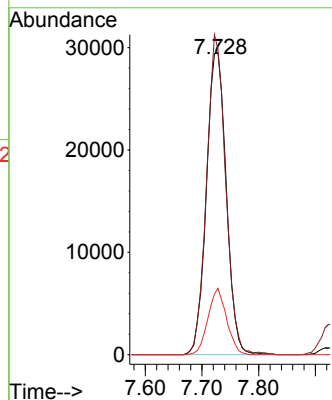
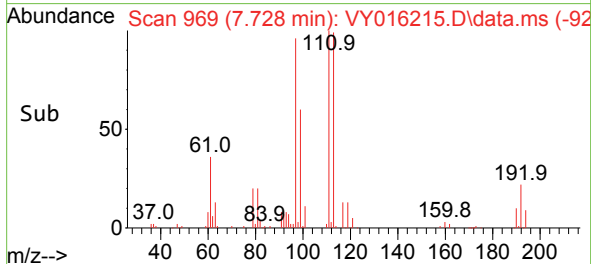


#35
Dibromofluoromethane
Concen: 48.805 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :

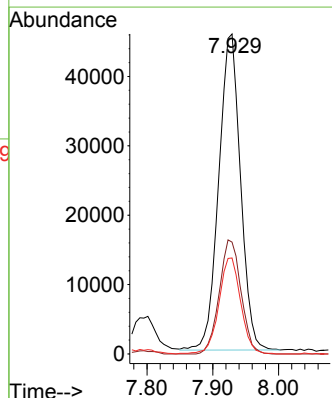
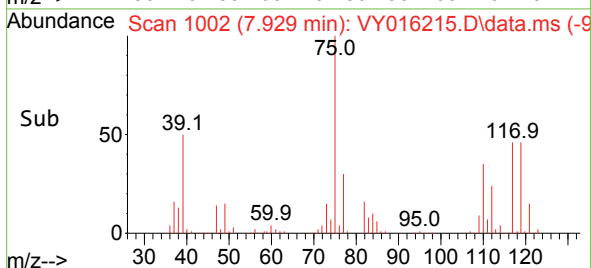
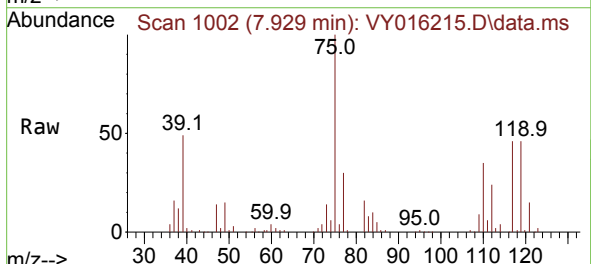


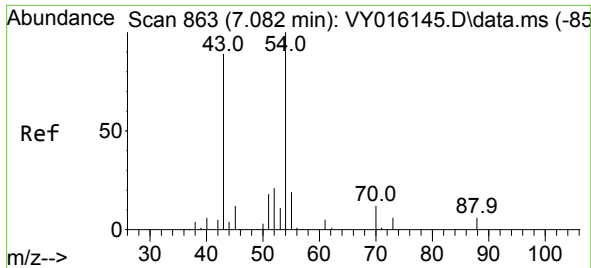
Tgt Ion:113 Resp: 72111
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.184 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 75 Resp: 104936
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.5 24.4 36.6

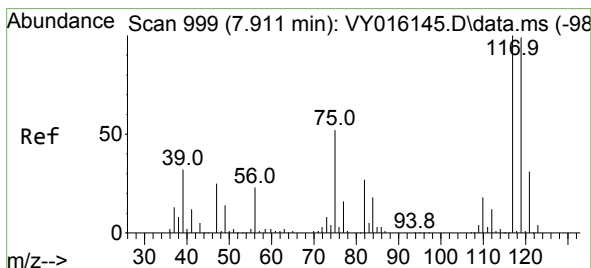
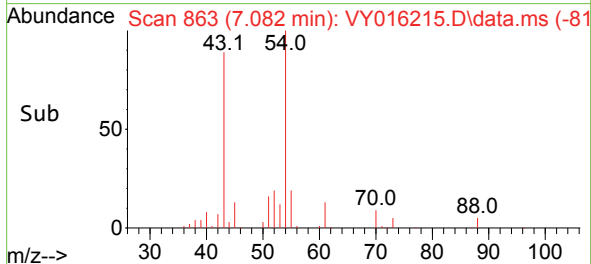
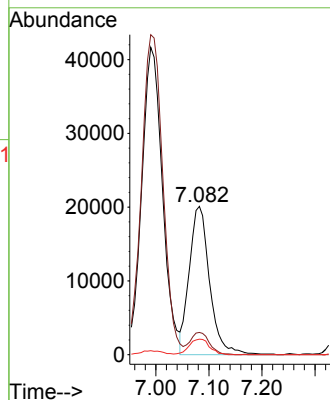
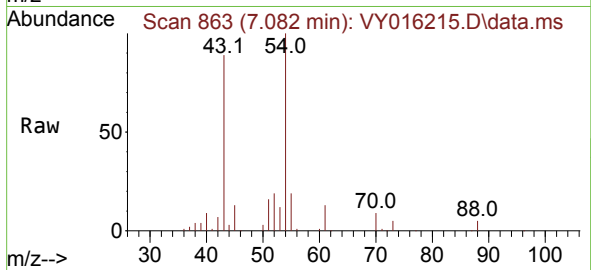




#37
Ethyl Acetate
Concen: 56.392 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

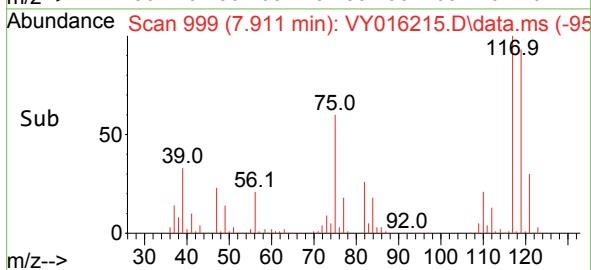
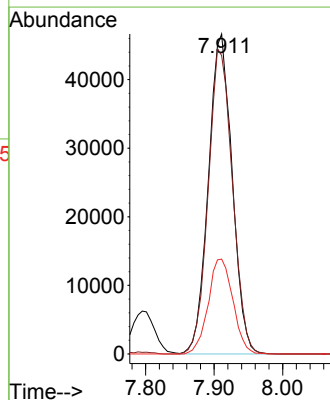
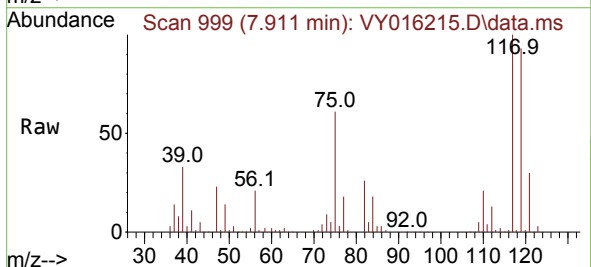
Instrument :
MSVOA_Y
ClientSampleId :

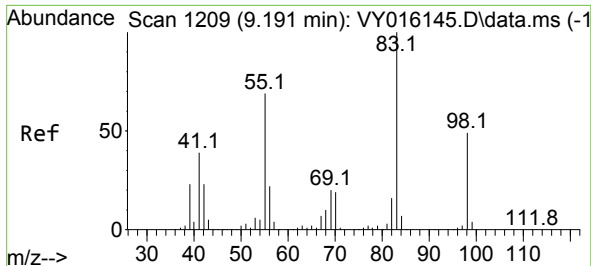
Tgt Ion: 43 Resp: 53588
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.154 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 117 Resp: 112353
Ion Ratio Lower Upper
117 100
119 93.2 76.4 114.6
121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 48.379 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

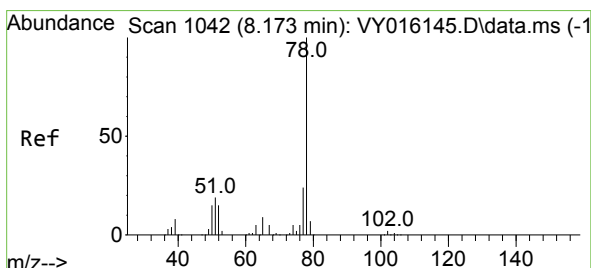
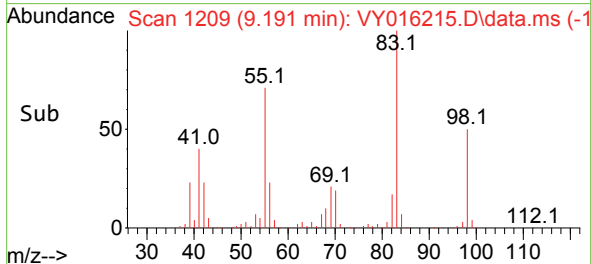
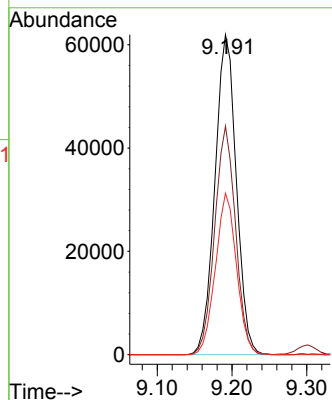
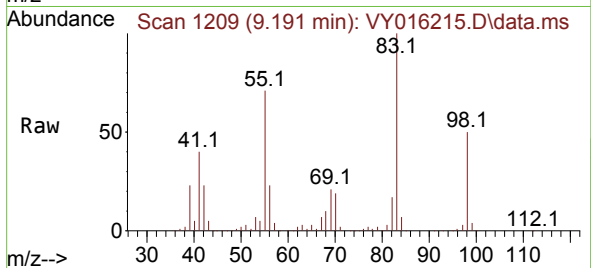
Tgt Ion: 83 Resp: 123207

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 51.134 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016215.D

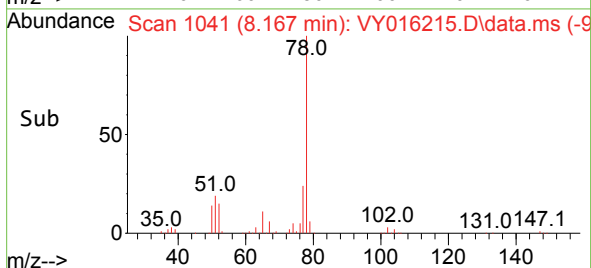
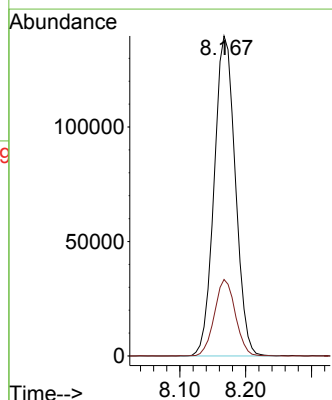
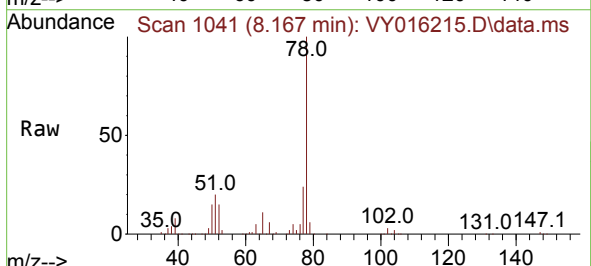
Acq: 03 Nov 2023 15:46

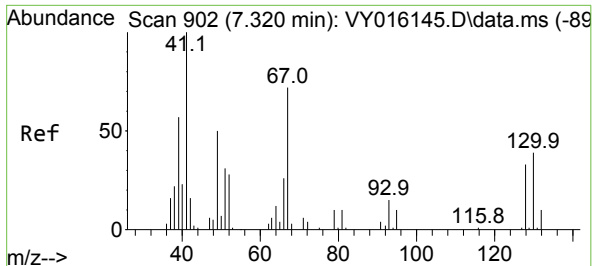
Tgt Ion: 78 Resp: 313202

Ion Ratio Lower Upper

78 100

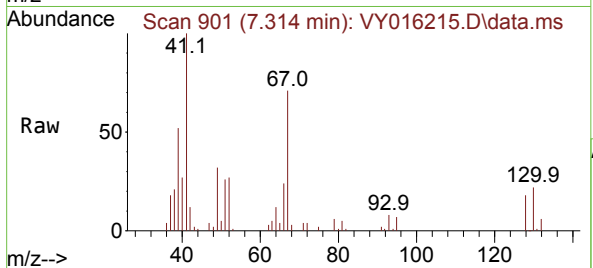
77 23.8 19.0 28.6



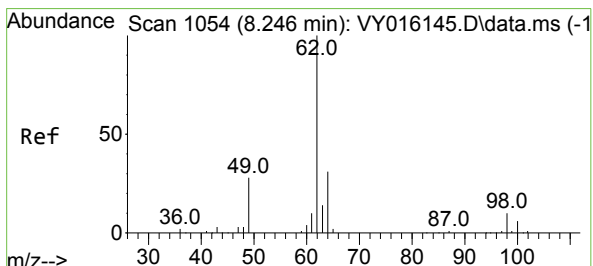
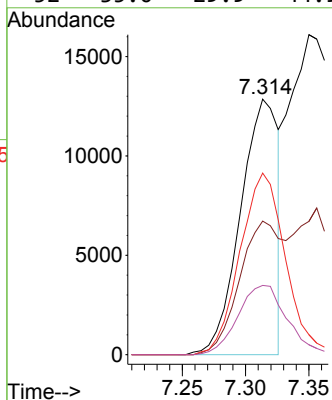
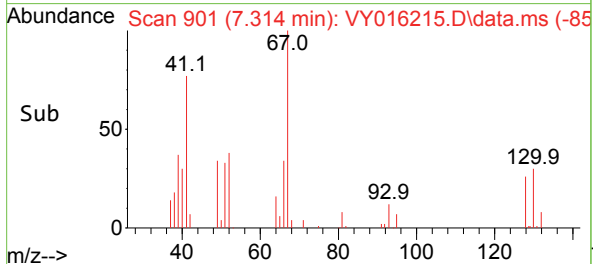


#41
Methacrylonitrile
Concen: 48.592 ug/l
RT: 7.314 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

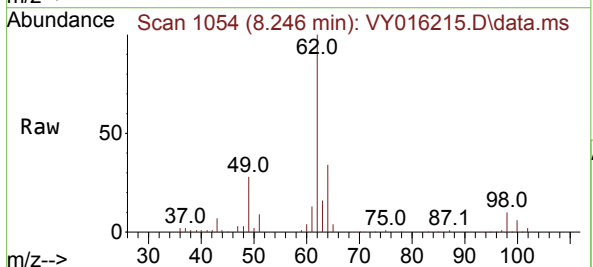
Instrument :
MSVOA_Y
ClientSampleId :



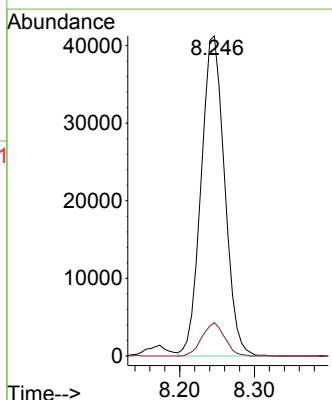
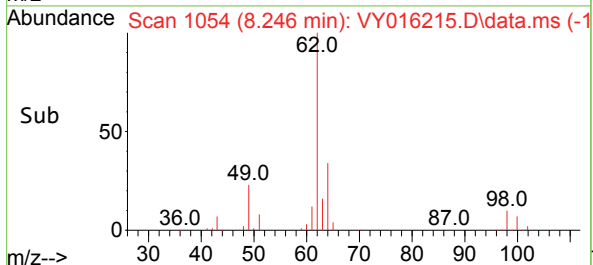
Tgt Ion: 41 Resp: 26803
Ion Ratio Lower Upper
41 100
39 61.1 52.1 78.1
67 85.2 66.2 99.2
52 35.0 29.9 44.9

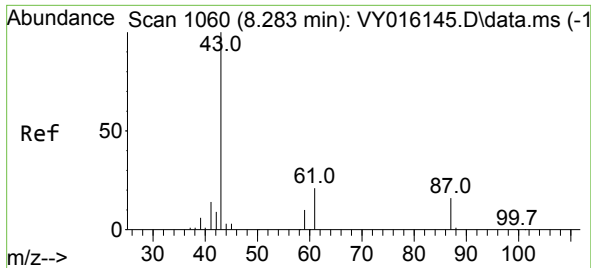


#42
1,2-Dichloroethane
Concen: 52.646 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46



Tgt Ion: 62 Resp: 89989
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

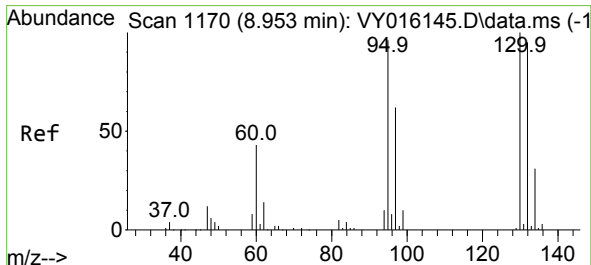
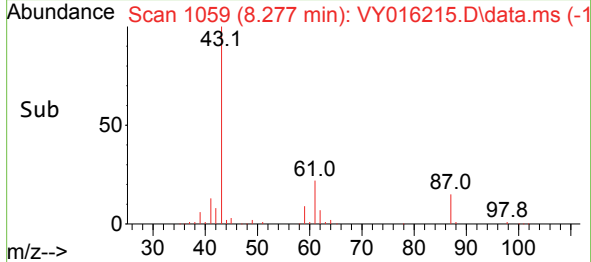
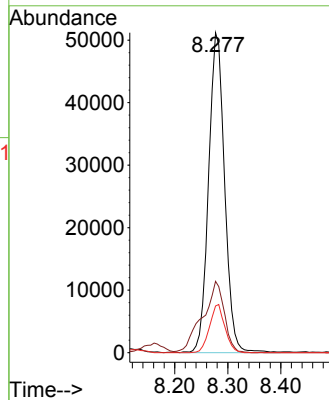
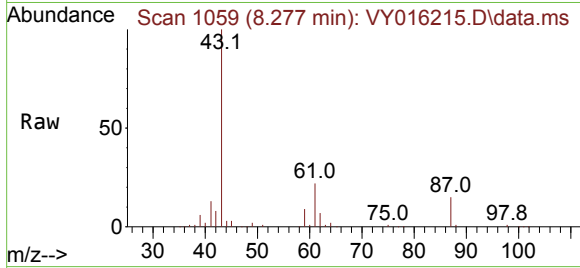




#43
Isopropyl Acetate
Concen: 57.216 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

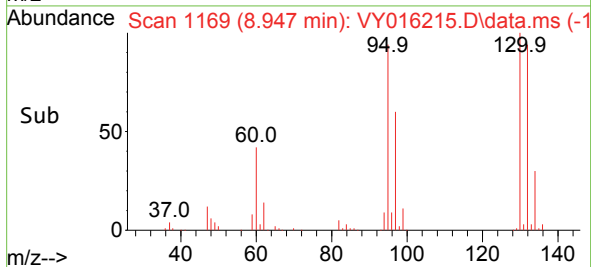
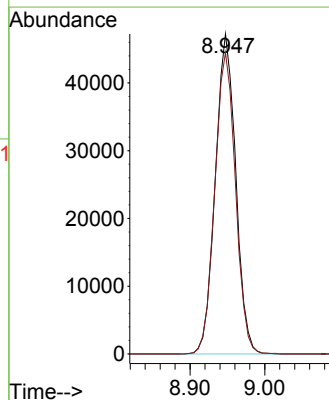
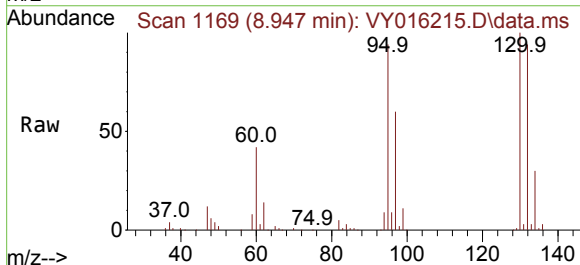
Instrument :
MSVOA_Y
ClientSampleId :

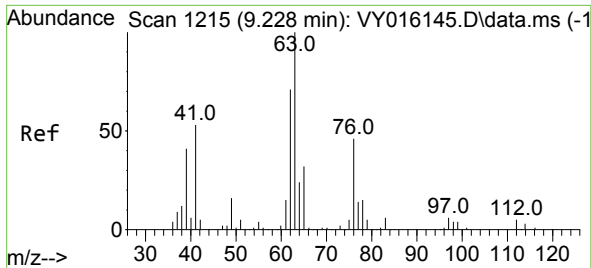
Tgt Ion: 43 Resp: 107548
Ion Ratio Lower Upper
43 100
61 30.2 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 50.060 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion:130 Resp: 89731
Ion Ratio Lower Upper
130 100
95 94.2 0.0 196.0

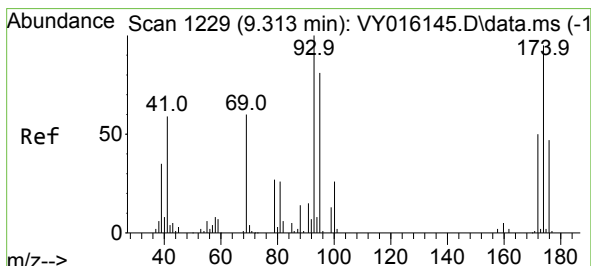
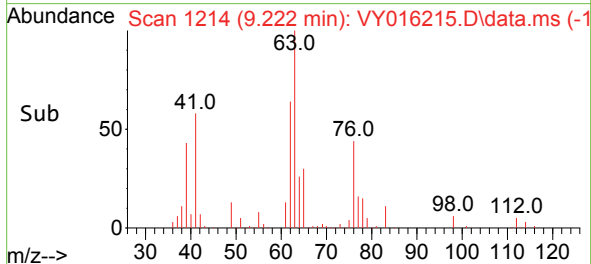
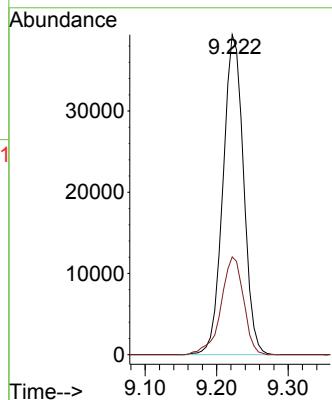
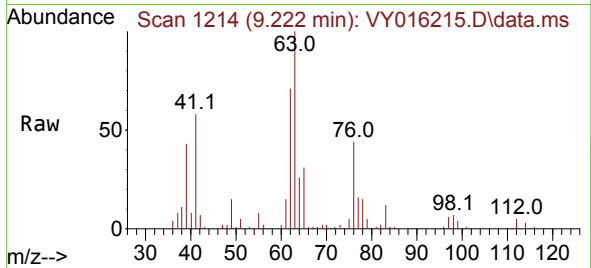




#45
1,2-Dichloropropane
Concen: 53.277 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

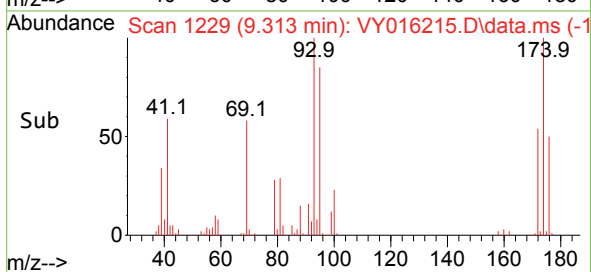
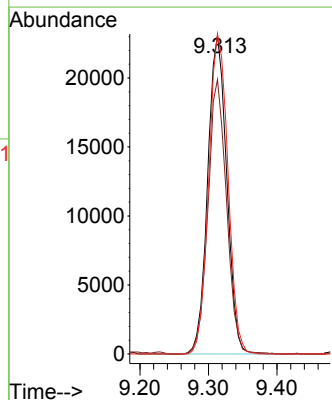
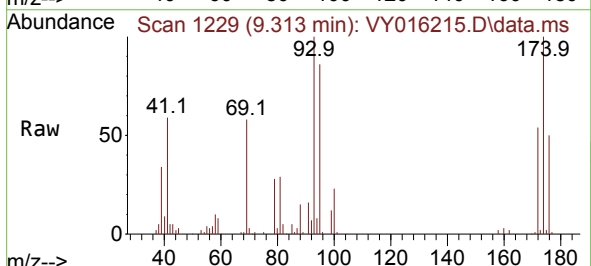
Instrument :
MSVOA_Y
ClientSampleId :

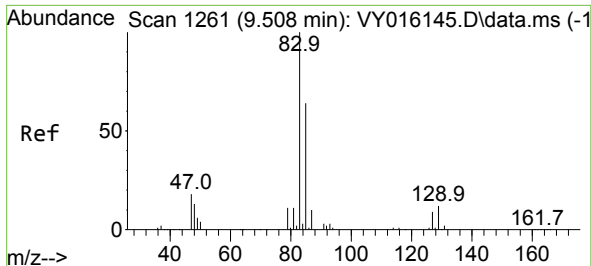
Tgt Ion: 63 Resp: 78503
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 53.145 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 93 Resp: 44422
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 101.9 84.8 127.2

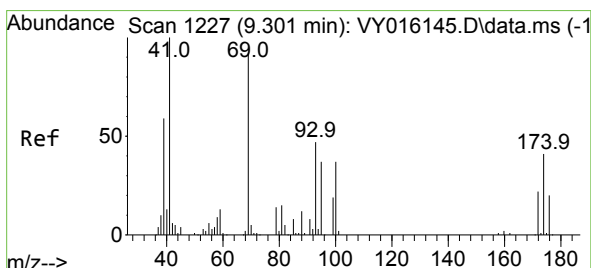
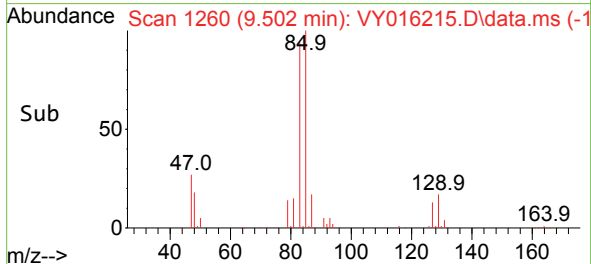
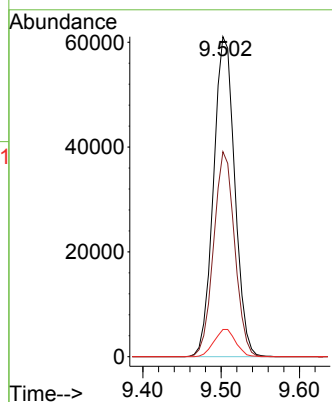
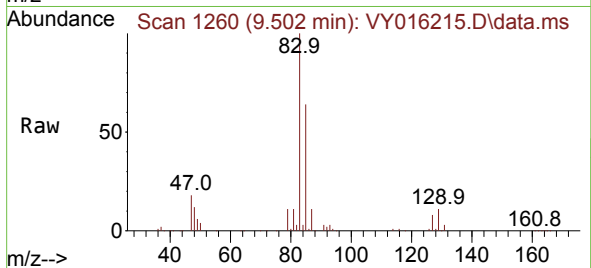




#47
Bromodichloromethane
Concen: 54.160 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

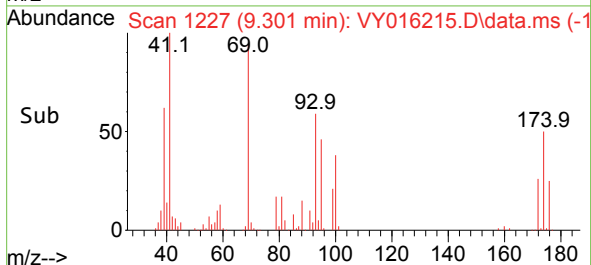
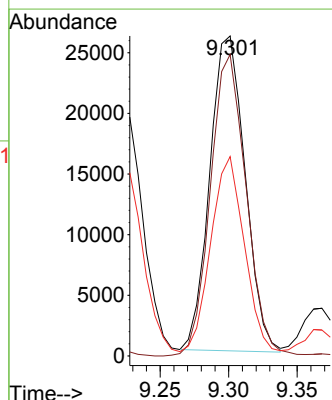
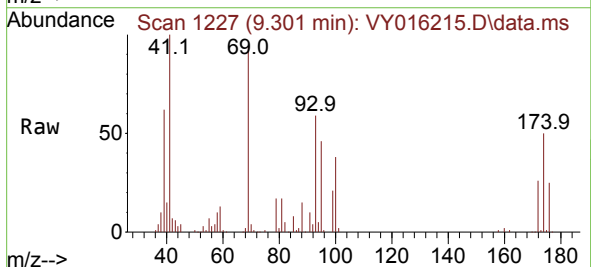
Instrument :
MSVOA_Y
ClientSampleId :

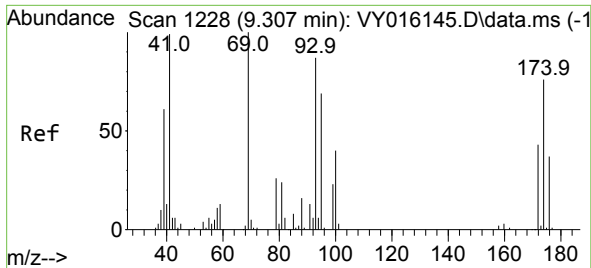
Tgt Ion: 83 Resp: 115022
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 54.454 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 41 Resp: 46544
Ion Ratio Lower Upper
41 100
69 96.8 64.5 96.7#
39 58.9 50.8 76.2

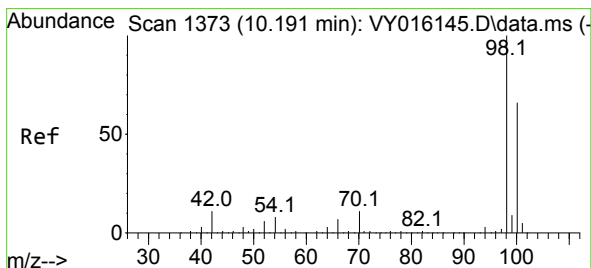
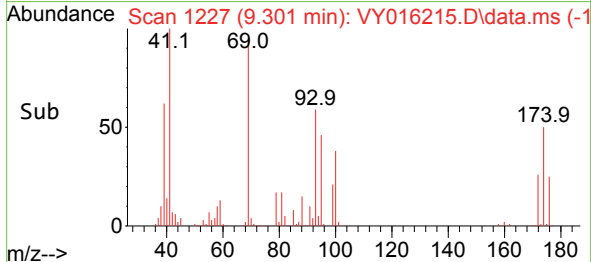
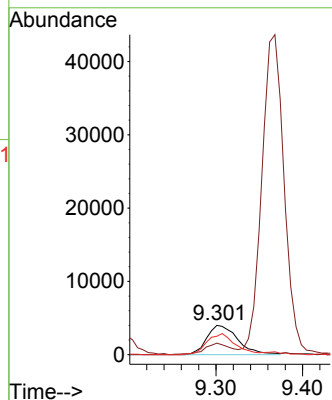
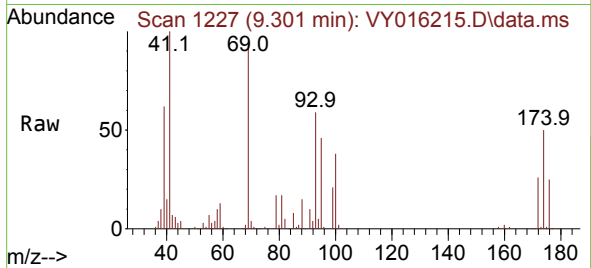




#49
1,4-Dioxane
Concen: 1005.013 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

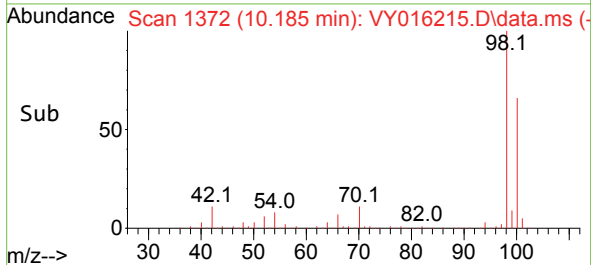
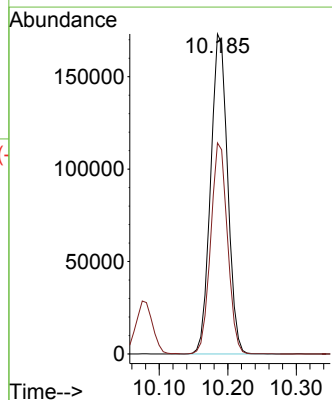
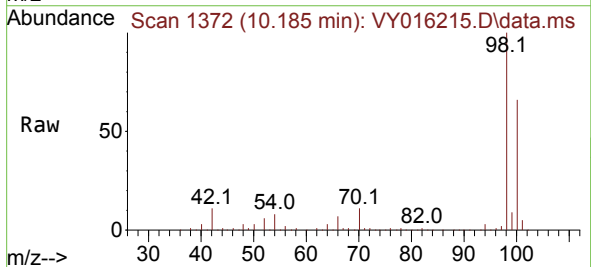
Instrument :
MSVOA_Y
ClientSampleId :

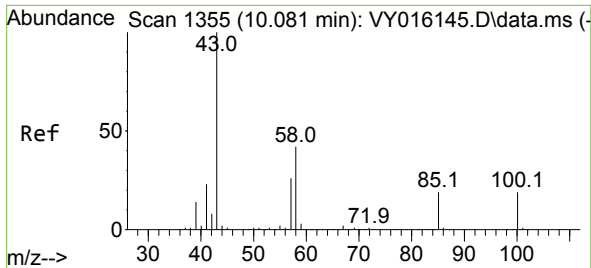
Tgt Ion: 88 Resp: 9988
Ion Ratio Lower Upper
88 100
43 33.1 0.0 0.0#
58 65.4 30.9 46.3#



#50
Toluene-d8
Concen: 50.748 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 98 Resp: 297289
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

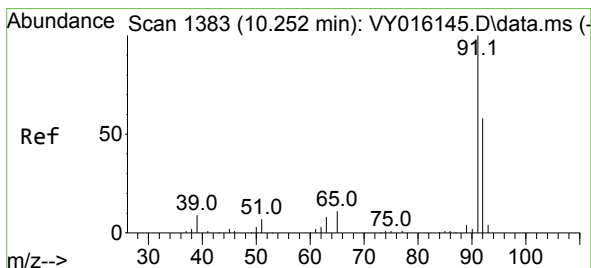
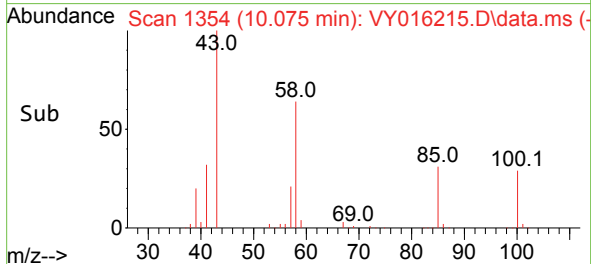
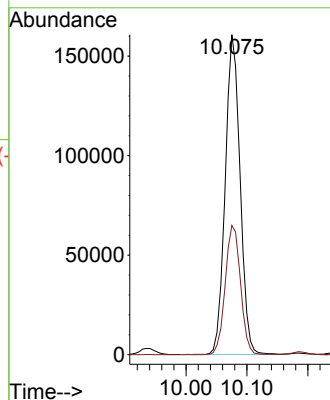
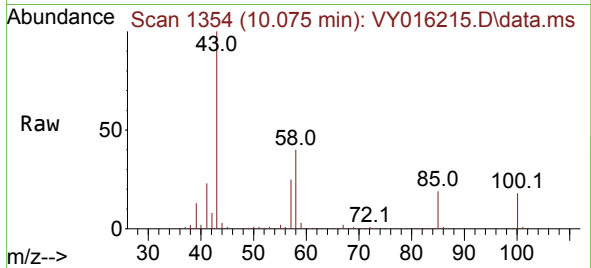




#51
4-Methyl-2-Pentanone
Concen: 290.451 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

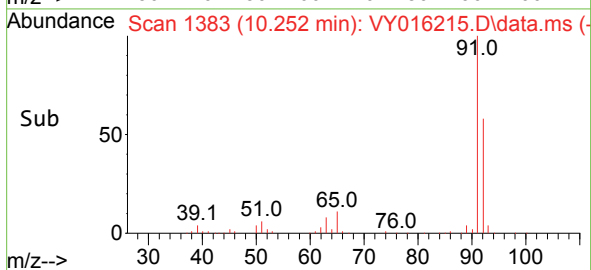
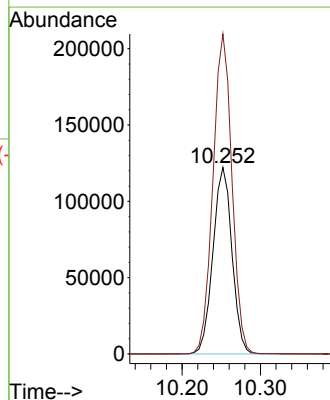
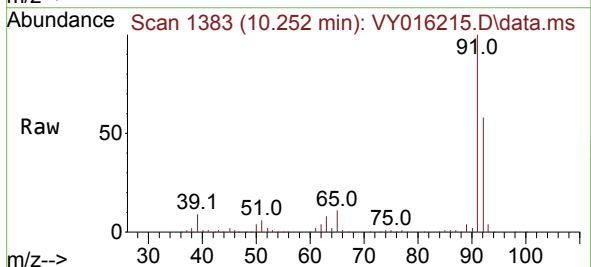
Instrument :
MSVOA_Y
ClientSampleId :

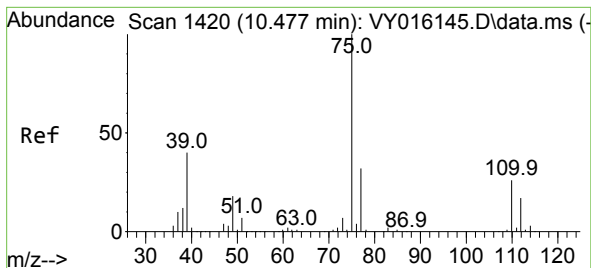
Tgt Ion: 43 Resp: 272415
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6



#52
Toluene
Concen: 51.877 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 92 Resp: 205904
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6

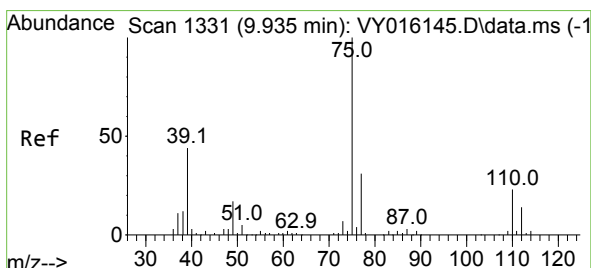
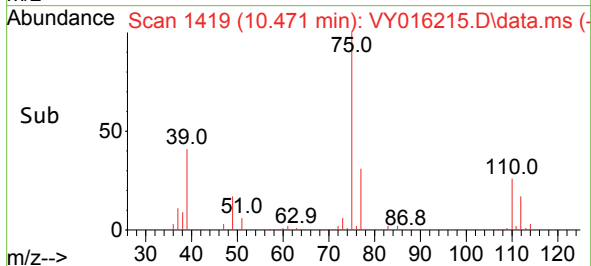
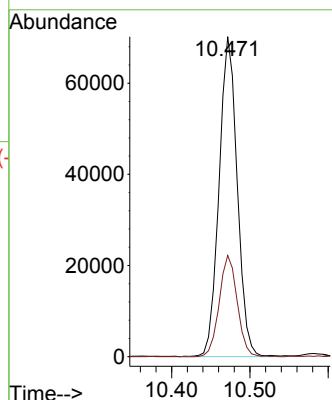
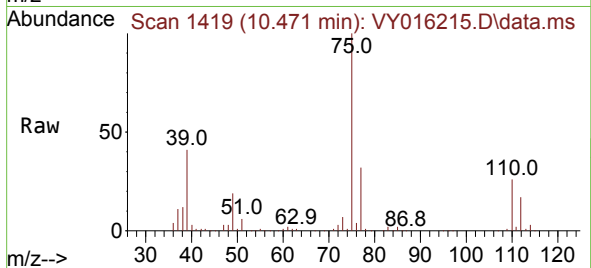




#53
 t-1,3-Dichloropropene
 Concen: 53.445 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016215.D
 Acq: 03 Nov 2023 15:46

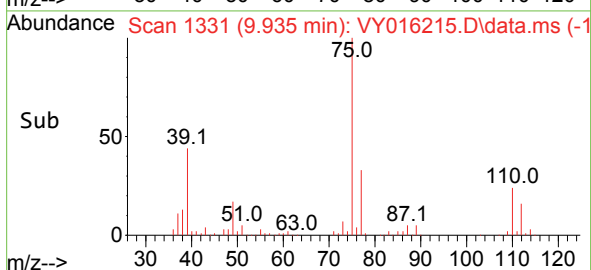
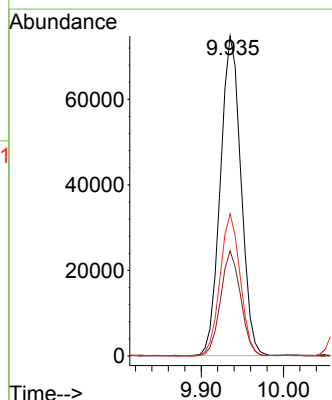
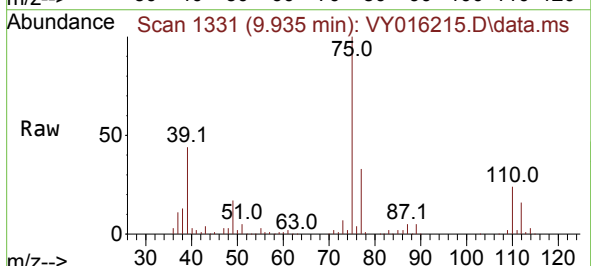
Instrument :
 MSVOA_Y
 ClientSampleId :

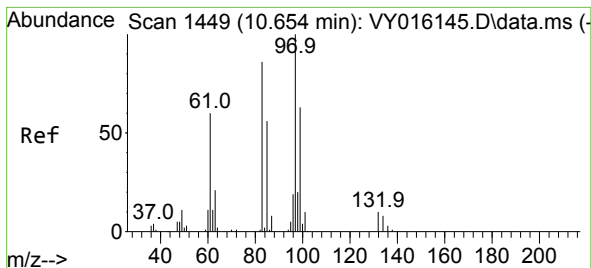
Tgt Ion: 75 Resp: 113307
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.220 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016215.D
 Acq: 03 Nov 2023 15:46

Tgt Ion: 75 Resp: 129908
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.2 36.4
 39 44.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 54.529 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 64114

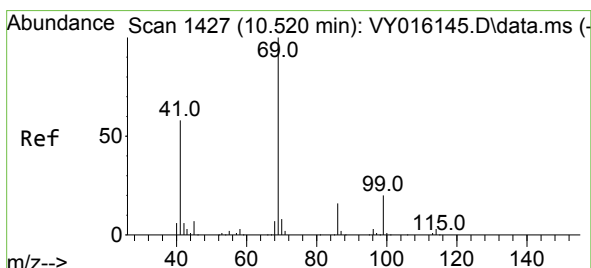
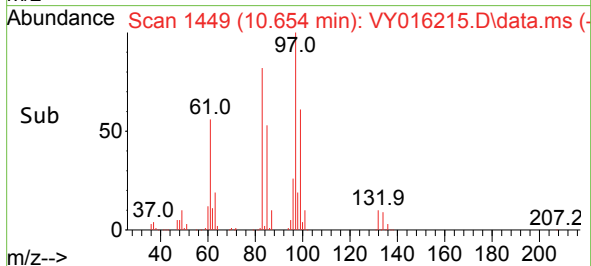
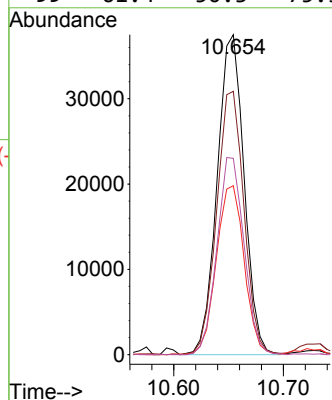
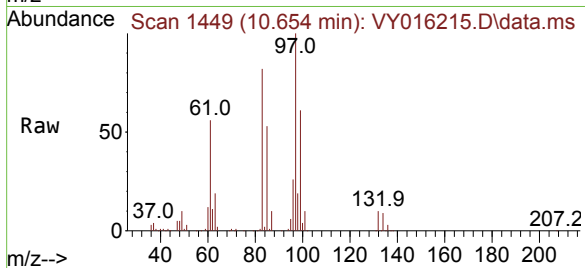
Ion Ratio Lower Upper

97 100

83 82.3 72.0 108.0

85 52.6 45.4 68.0

99 61.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 56.272 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

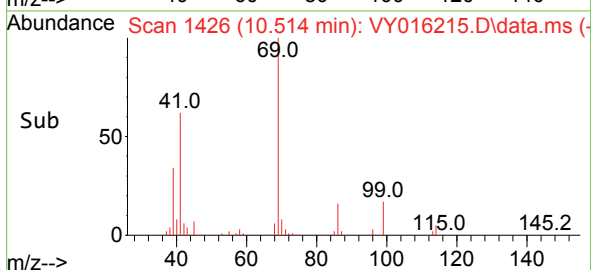
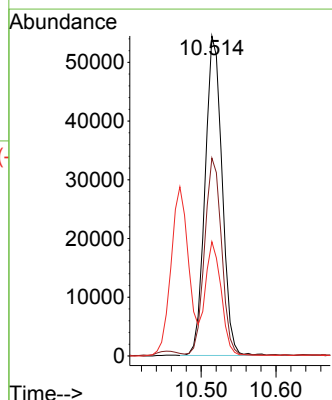
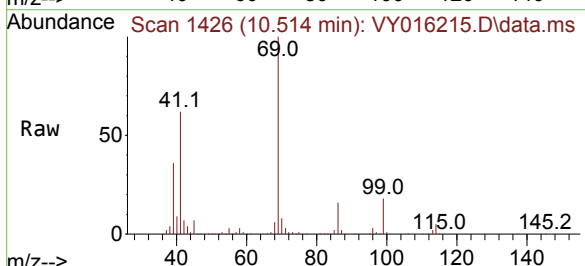
Tgt Ion: 69 Resp: 85925

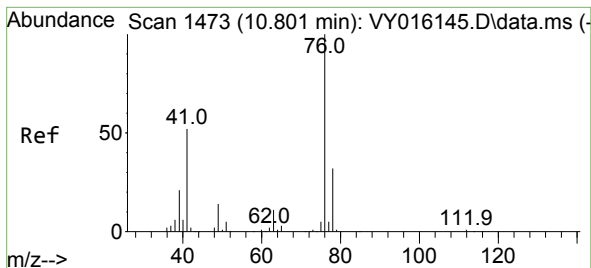
Ion Ratio Lower Upper

69 100

41 61.7 57.6 86.4

39 33.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.268 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

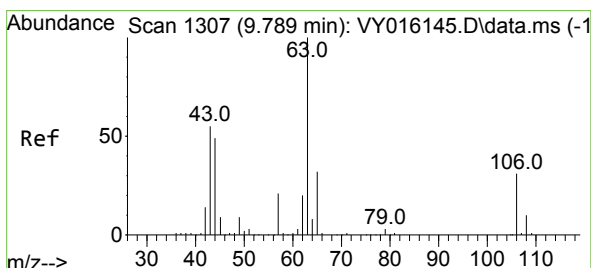
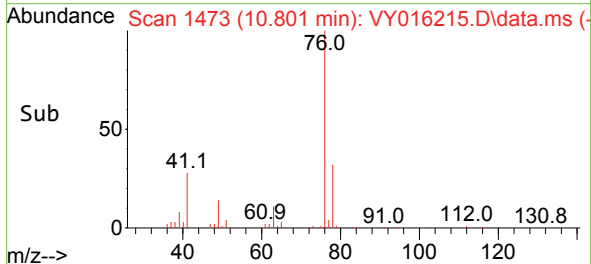
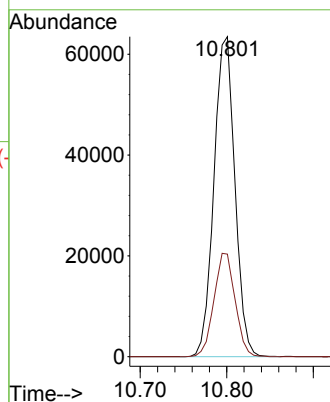
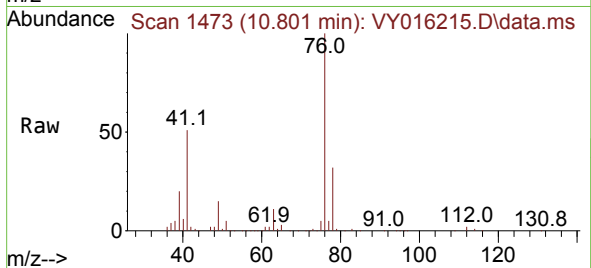
ClientSampleId :

Tgt Ion: 76 Resp: 106621

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 279.293 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY016215.D

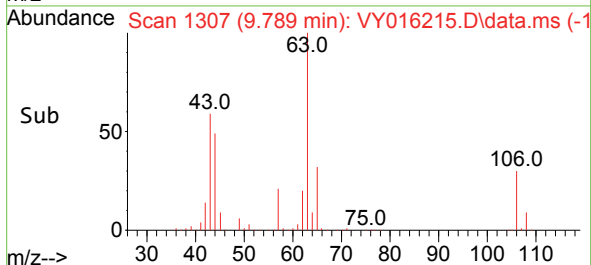
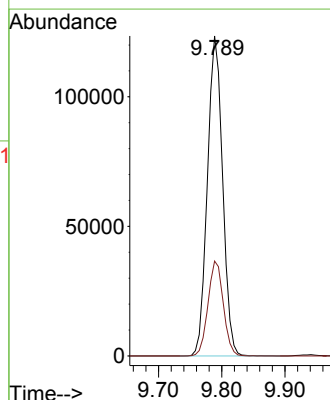
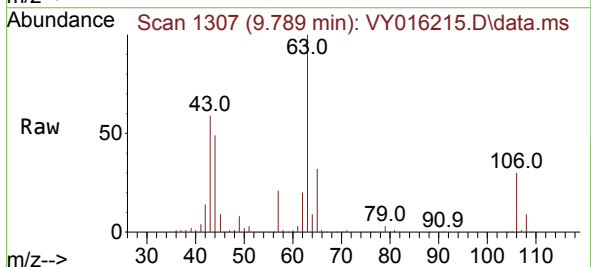
Acq: 03 Nov 2023 15:46

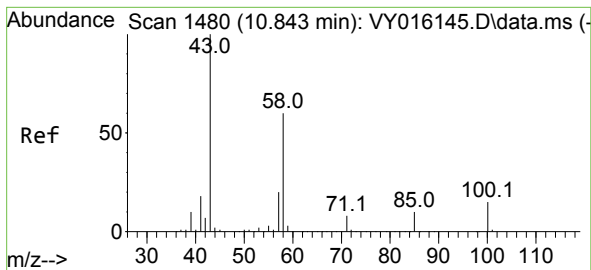
Tgt Ion: 63 Resp: 206798

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

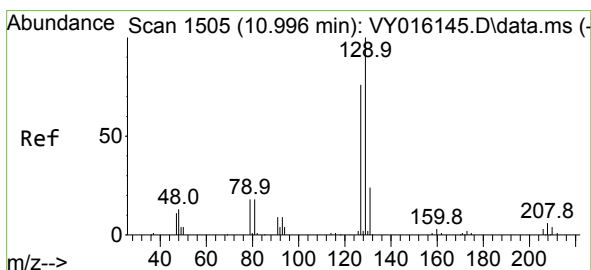
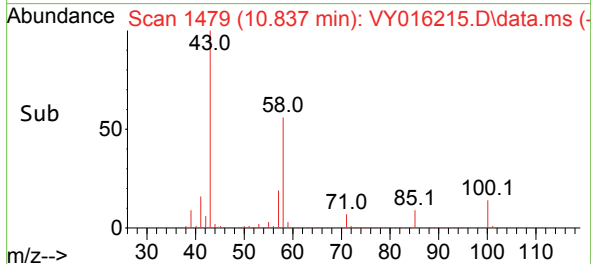
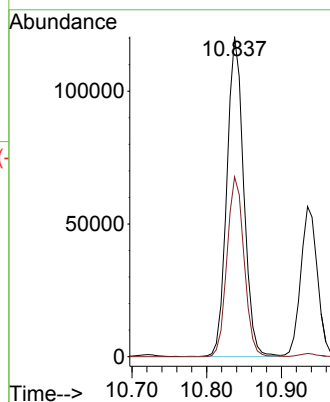
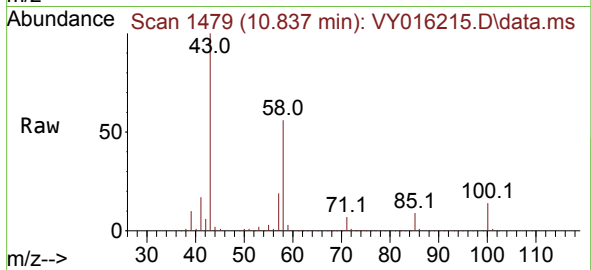




#59
2-Hexanone
Concen: 293.399 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

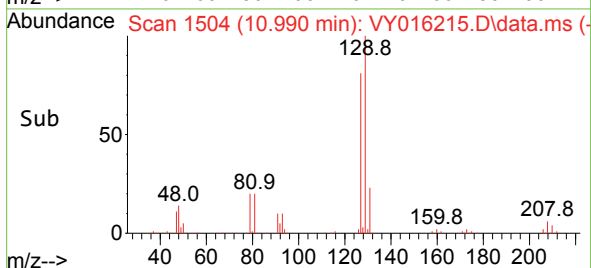
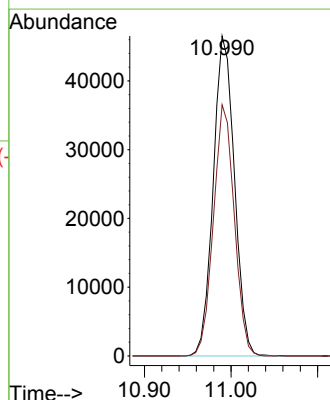
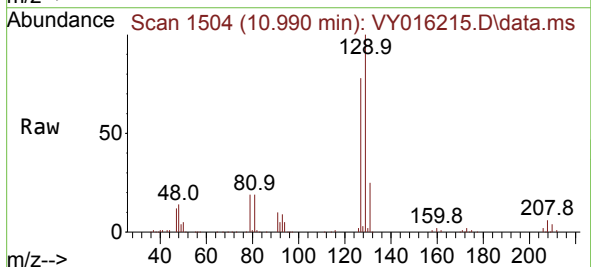
Instrument :
MSVOA_Y
ClientSampleId :

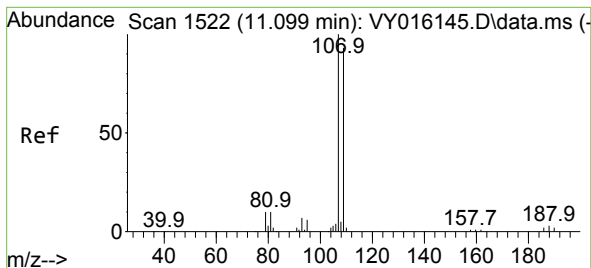
Tgt Ion: 43 Resp: 188570
Ion Ratio Lower Upper
43 100
58 57.0 25.1 75.3



#60
Dibromochloromethane
Concen: 53.523 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 129 Resp: 78950
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.182 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

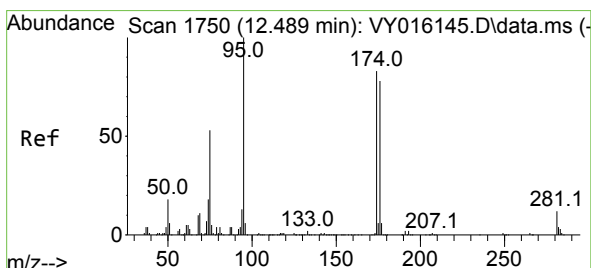
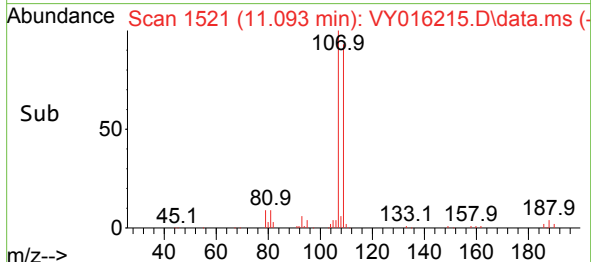
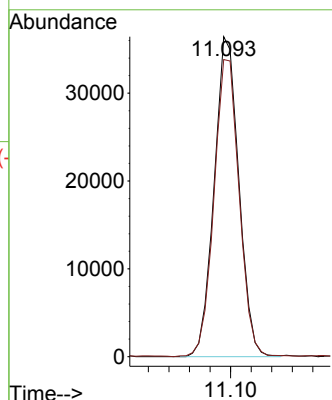
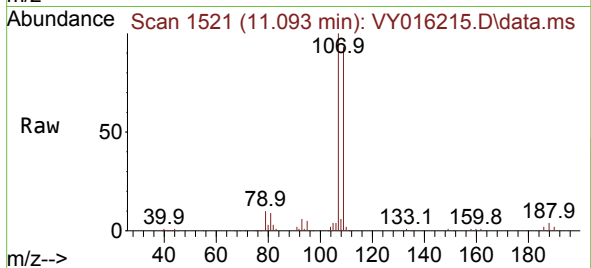
ClientSampleId :

Tgt Ion:107 Resp: 60595

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.026 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

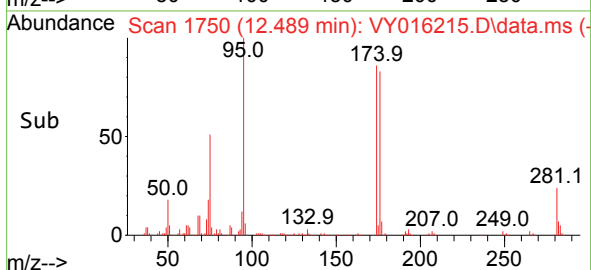
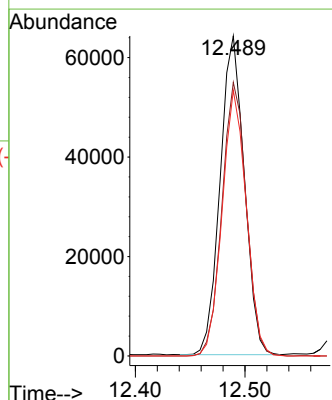
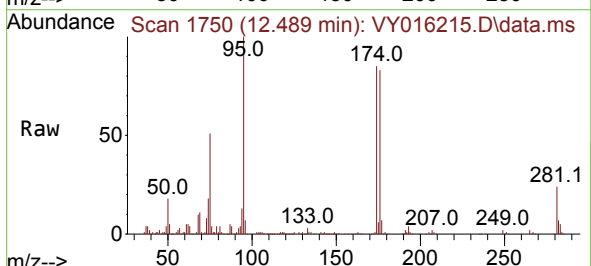
Tgt Ion: 95 Resp: 98206

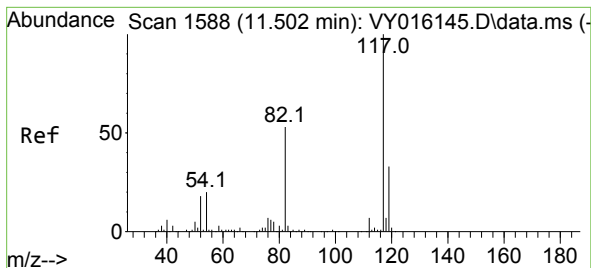
Ion Ratio Lower Upper

95 100

174 86.6 0.0 178.2

176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

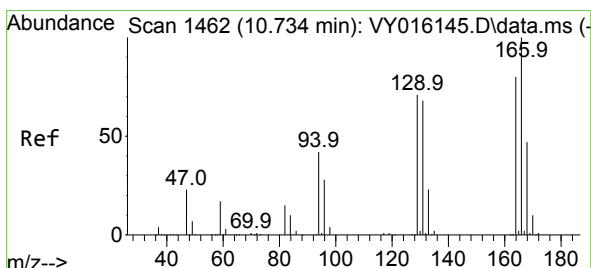
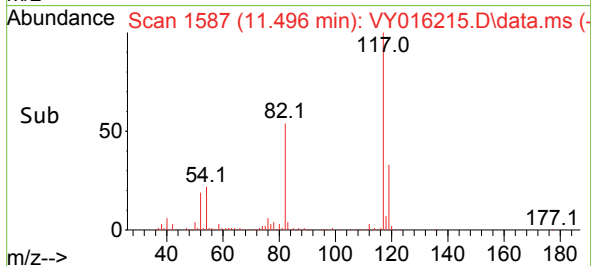
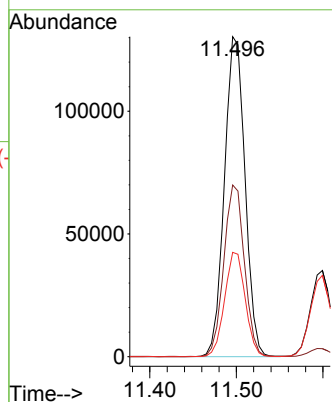
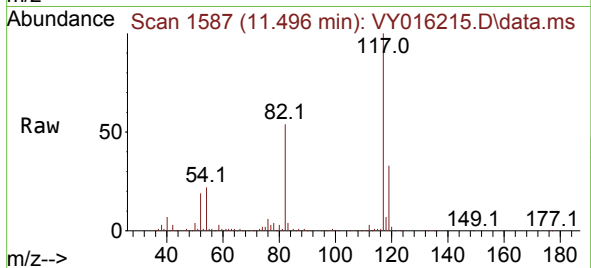
Tgt Ion:117 Resp: 215531

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 47.249 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Tgt Ion:164 Resp: 90582

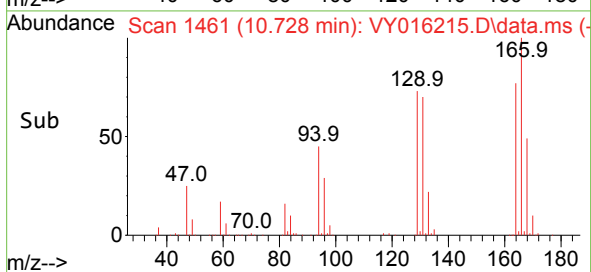
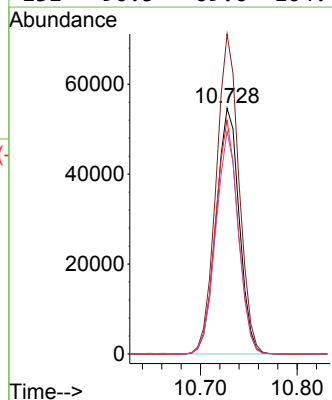
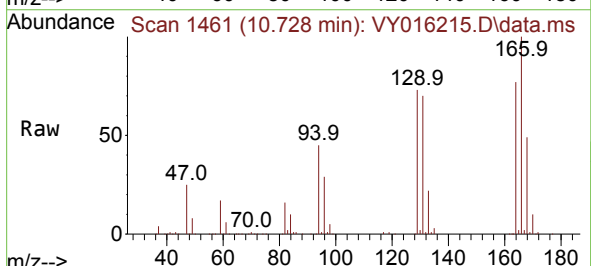
Ion Ratio Lower Upper

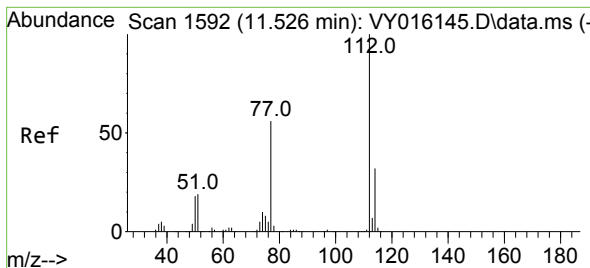
164 100

166 130.2 103.0 154.6

129 95.1 77.2 115.8

131 90.5 69.6 104.4





#65

Chlorobenzene

Concen: 51.446 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

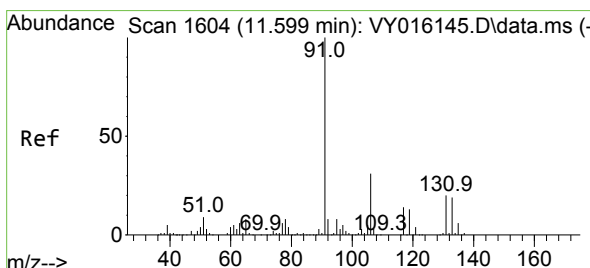
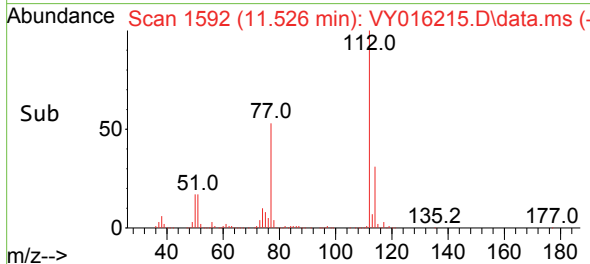
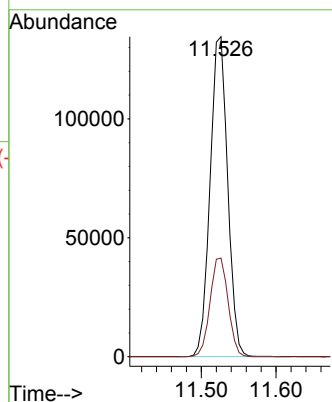
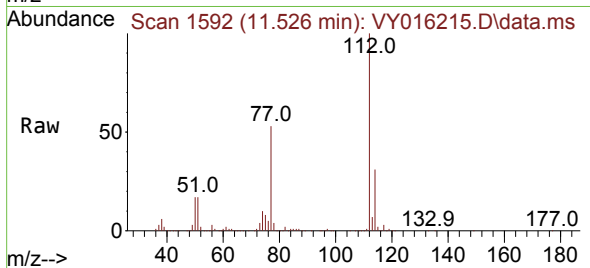
ClientSampleId :

Tgt Ion:112 Resp: 220298

Ion Ratio Lower Upper

112 100

114 30.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.991 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

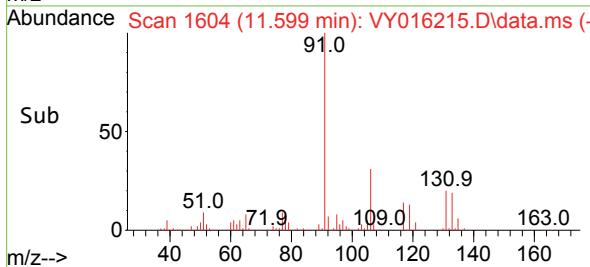
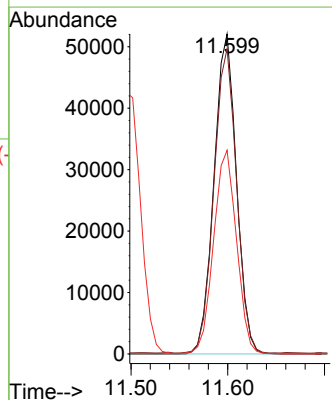
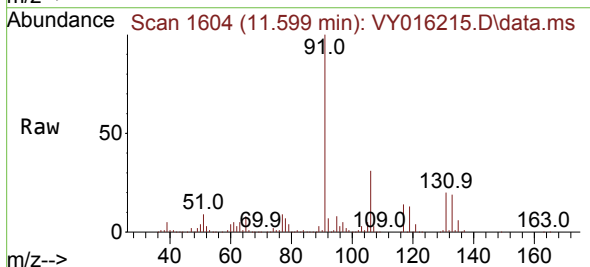
Tgt Ion:131 Resp: 84046

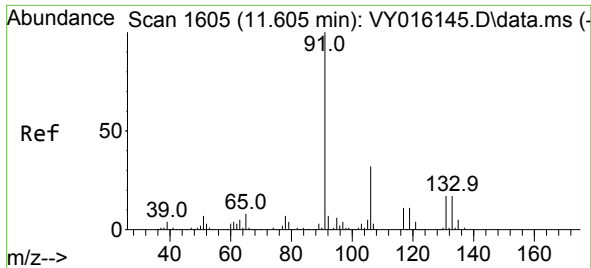
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

119 65.2 31.6 94.7

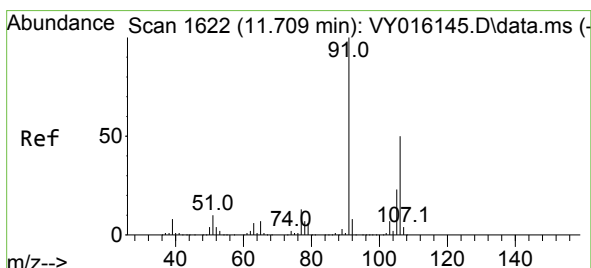
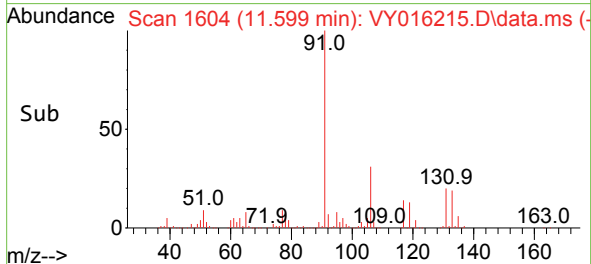
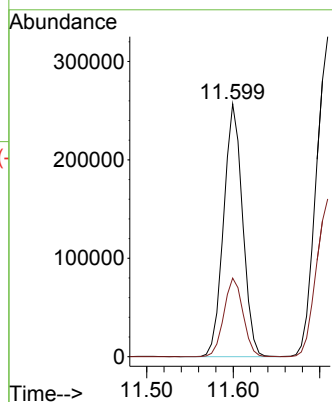
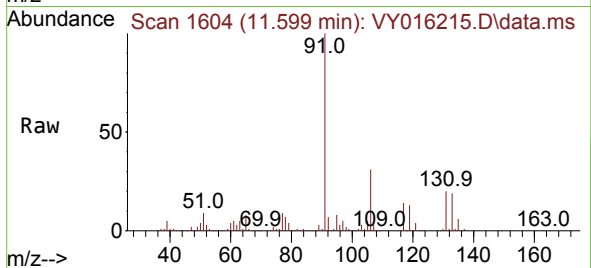




#67
Ethyl Benzene
Concen: 50.885 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

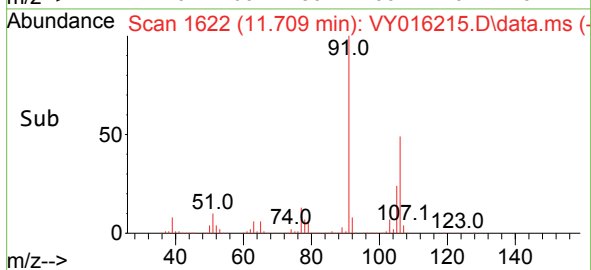
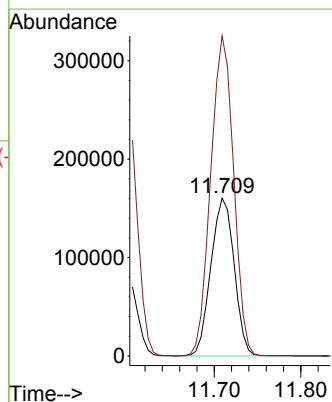
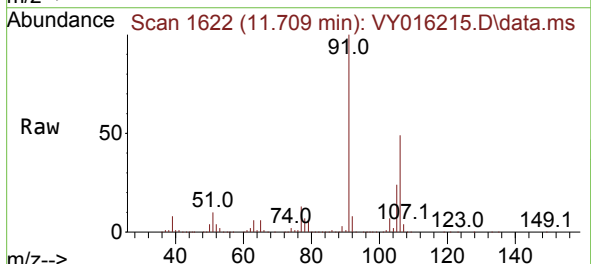
Instrument :
MSVOA_Y
ClientSampleId :

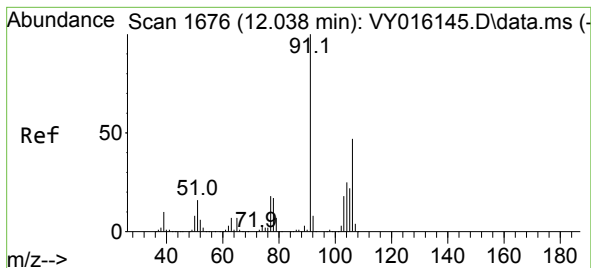
Tgt Ion: 91 Resp: 389729
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 101.221 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion:106 Resp: 299571
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1





#69

o-Xylene

Concen: 51.352 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

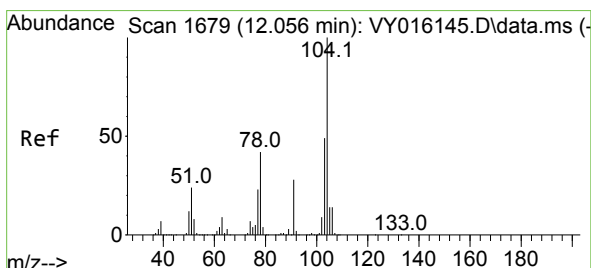
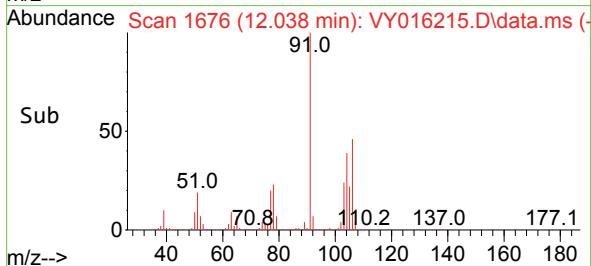
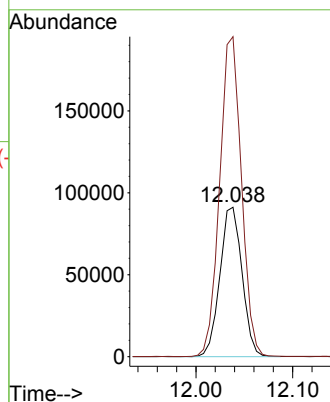
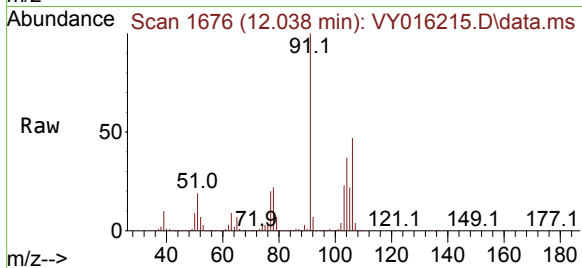
ClientSampleId :

Tgt Ion:106 Resp: 145109

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 51.556 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

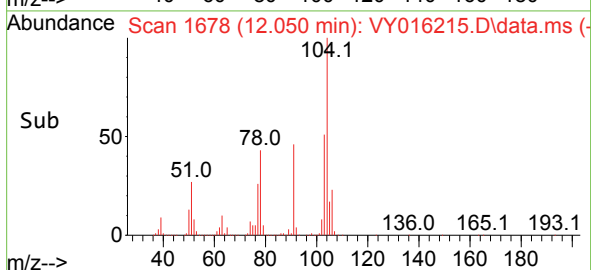
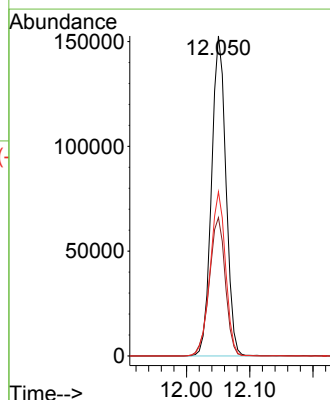
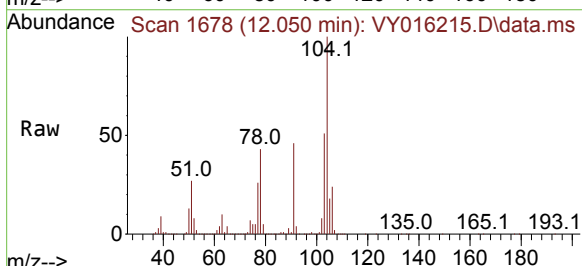
Tgt Ion:104 Resp: 242188

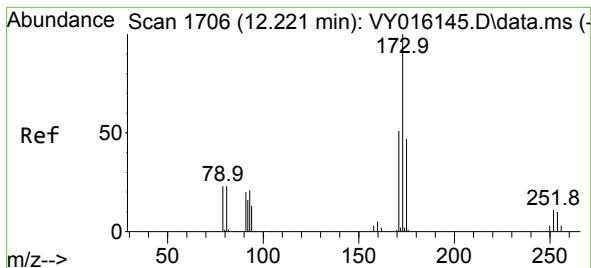
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 54.6 44.6 67.0





#71

Bromoform

Concen: 55.031 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

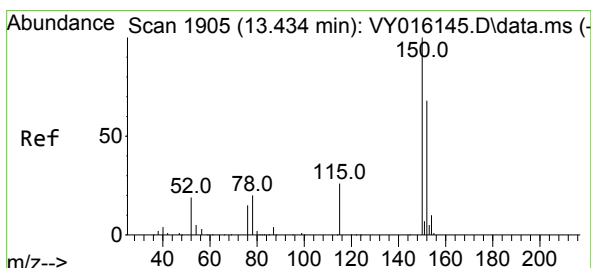
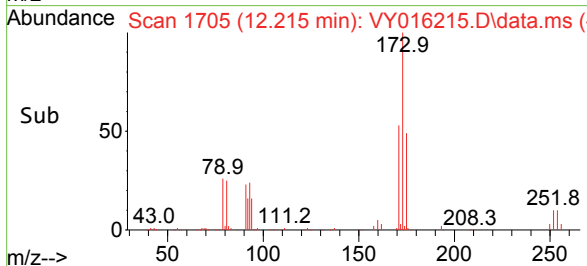
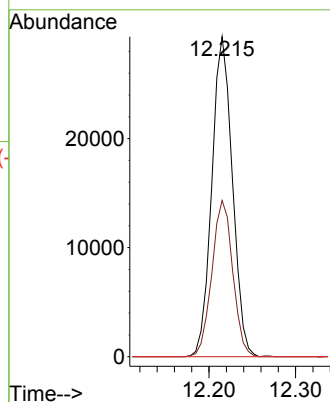
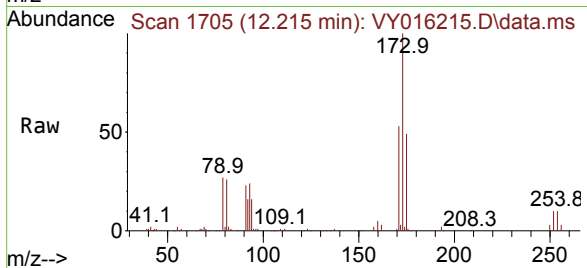
Tgt Ion:173 Resp: 48420

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

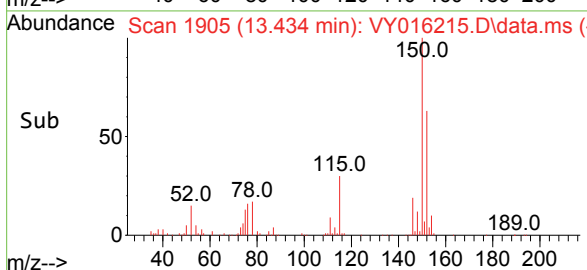
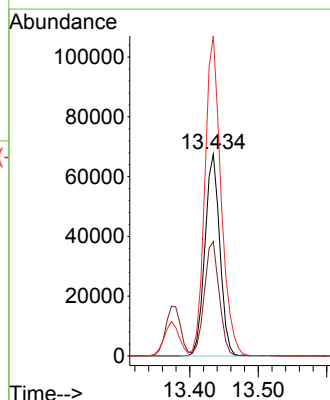
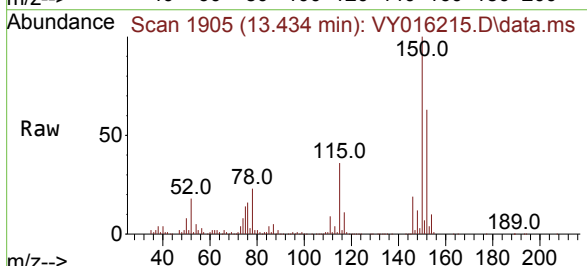
Tgt Ion:152 Resp: 102311

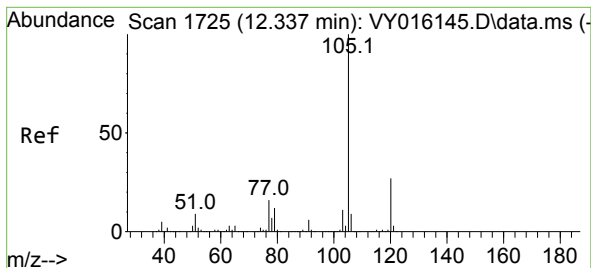
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 171.6 0.0 348.8





#73

Isopropylbenzene

Concen: 50.108 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

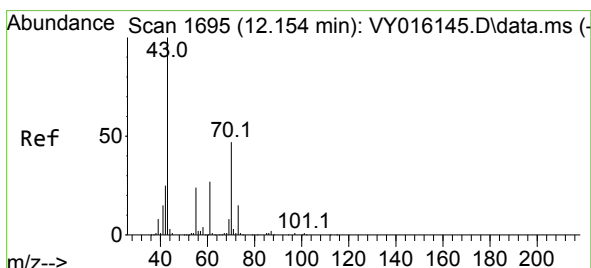
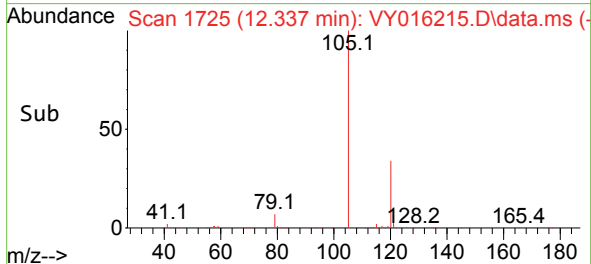
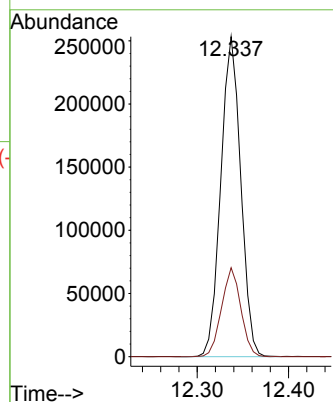
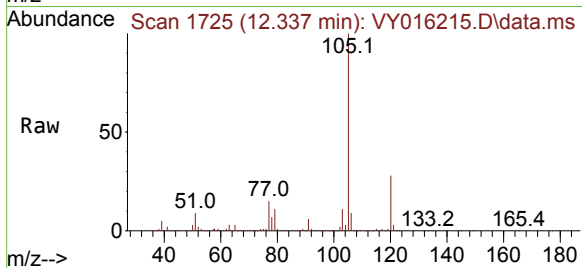
ClientSampleId :

Tgt Ion:105 Resp: 384555

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 54.660 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Tgt Ion: 43 Resp: 91159

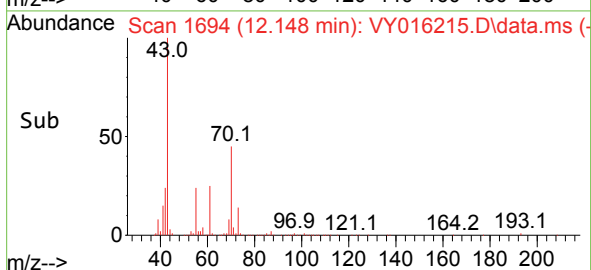
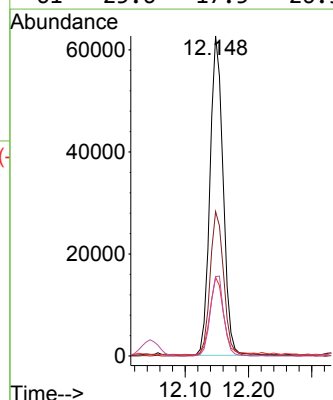
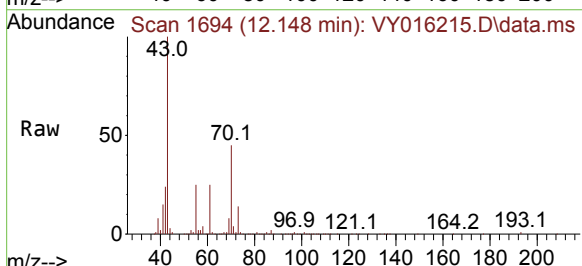
Ion Ratio Lower Upper

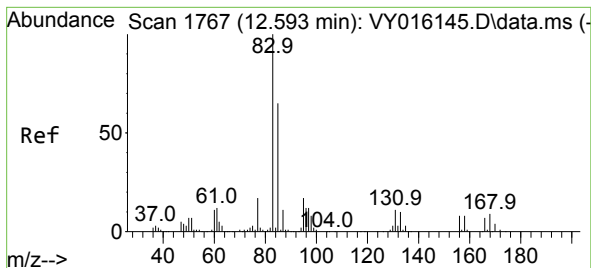
43 100

70 46.4 29.7 44.5

55 25.6 18.3 27.5

61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.293 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

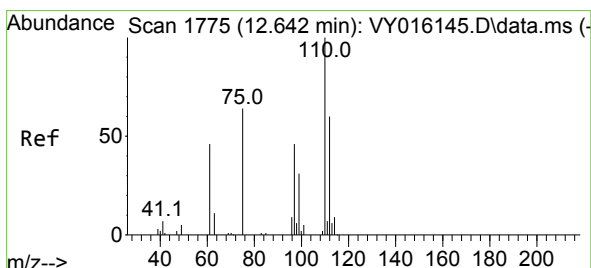
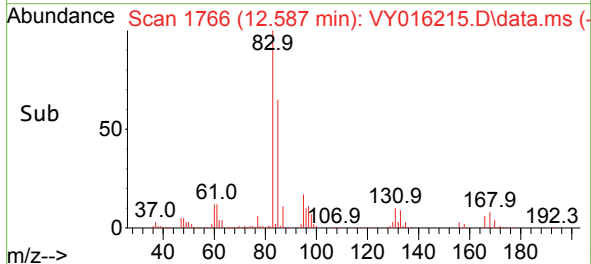
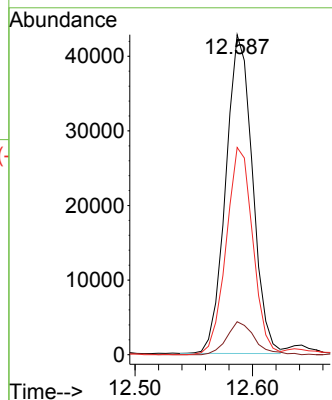
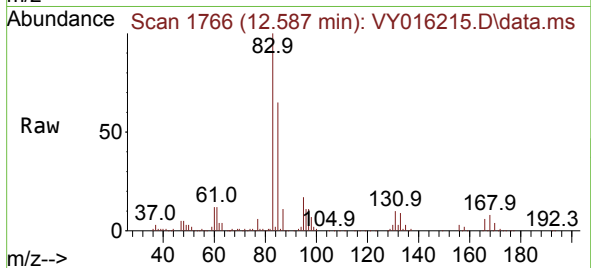
Tgt Ion: 83 Resp: 67525

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.280 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016215.D

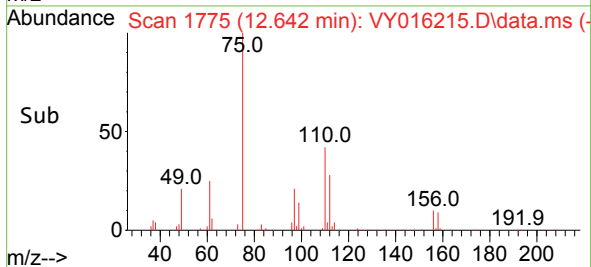
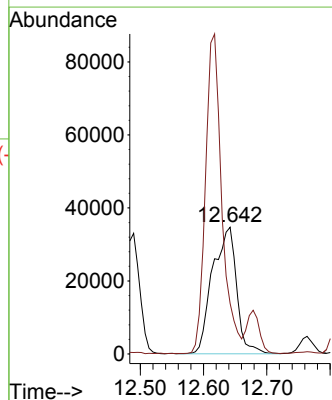
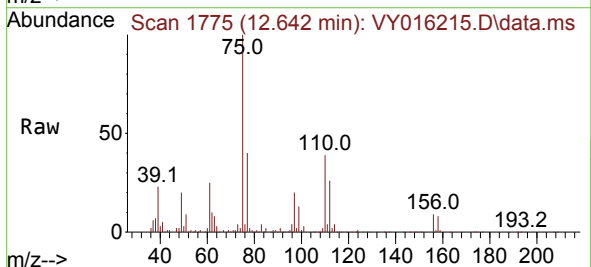
Acq: 03 Nov 2023 15:46

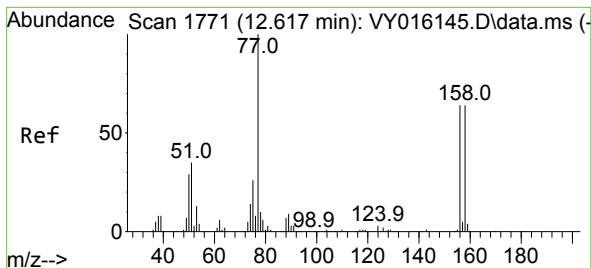
Tgt Ion: 75 Resp: 91800

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.461 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

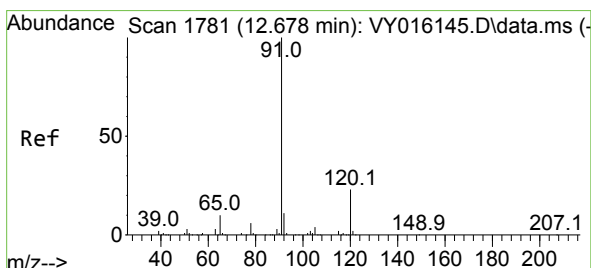
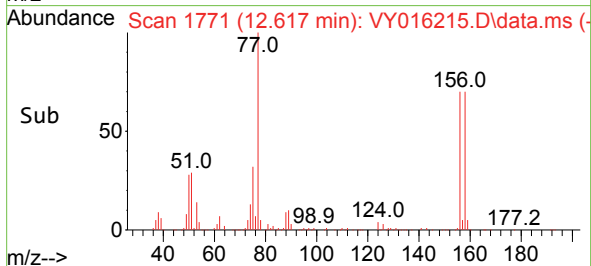
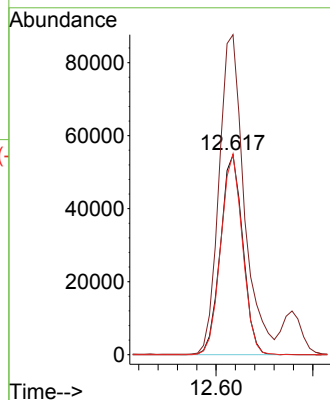
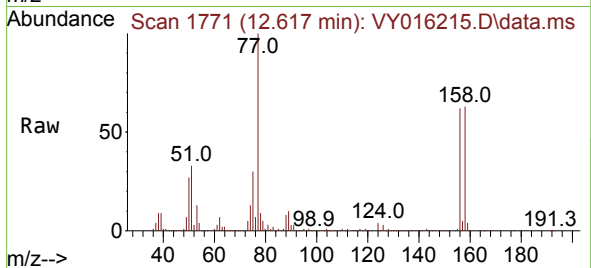
Tgt Ion:156 Resp: 87690

Ion Ratio Lower Upper

156 100

77 179.9 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 49.575 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016215.D

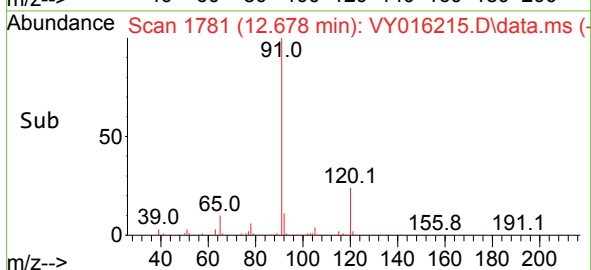
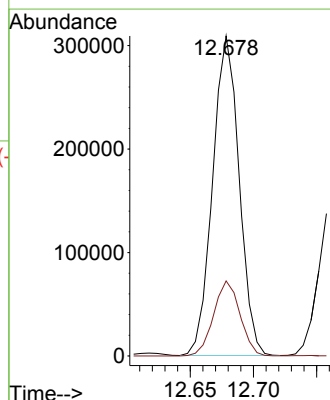
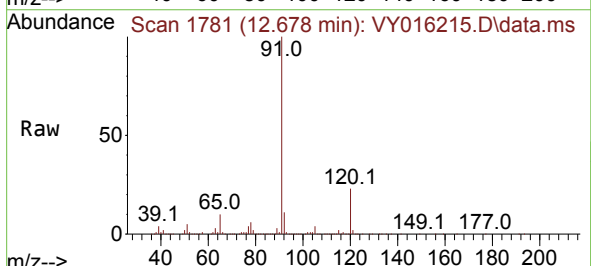
Acq: 03 Nov 2023 15:46

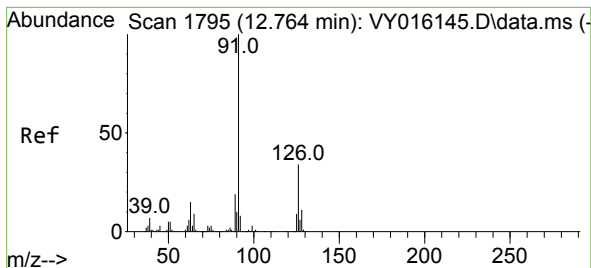
Tgt Ion: 91 Resp: 449818

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

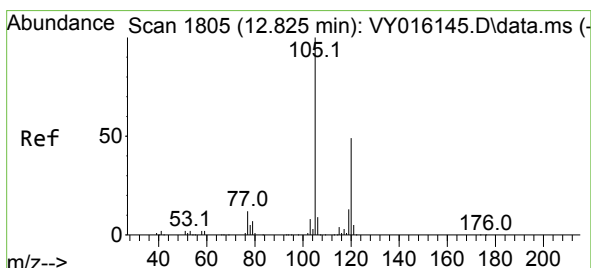
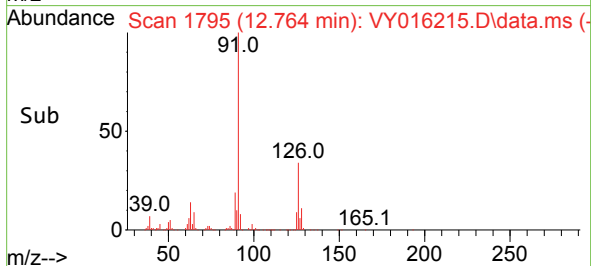
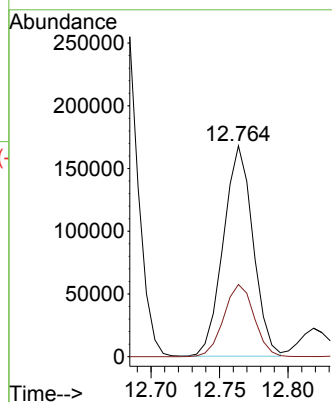
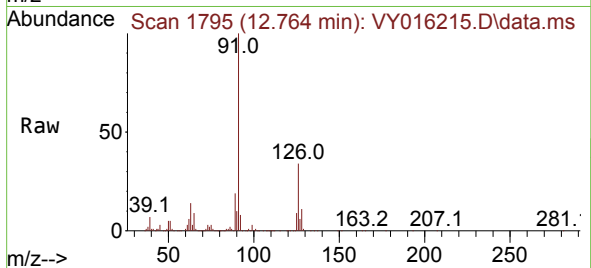




#79
2-Chlorotoluene
Concen: 50.058 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

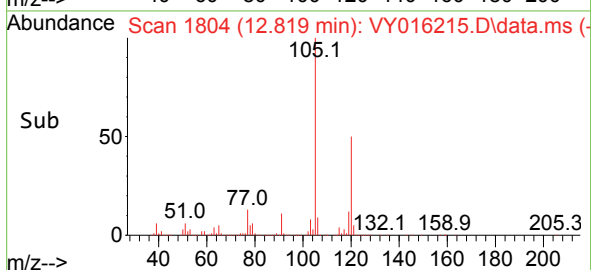
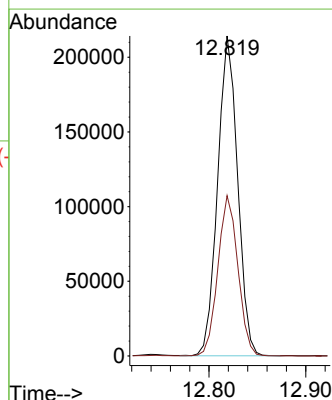
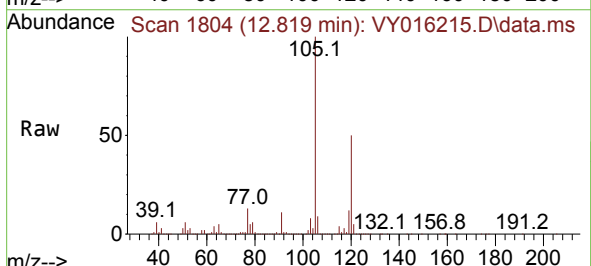
Instrument :
MSVOA_Y
ClientSampleId :

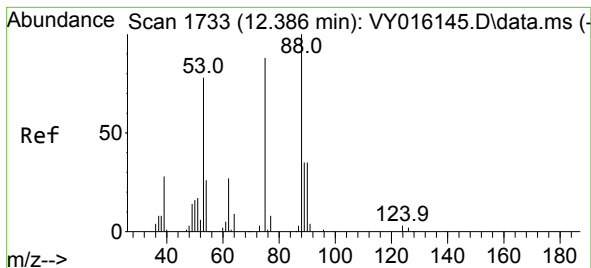
Tgt Ion: 91 Resp: 253328
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.310 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 105 Resp: 306596
Ion Ratio Lower Upper
105 100
120 50.4 23.9 71.7

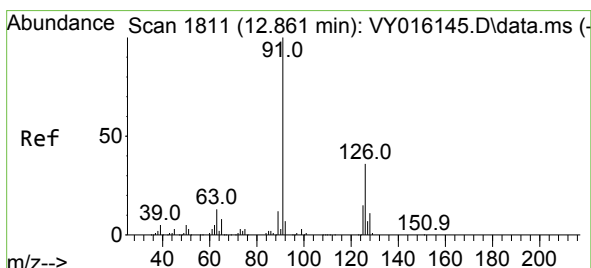
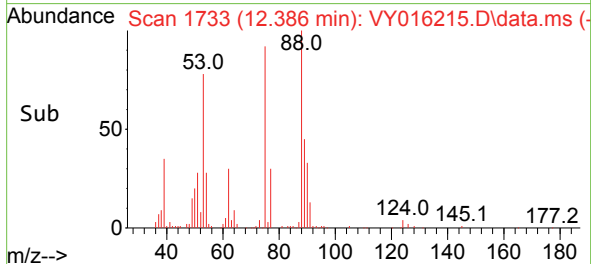
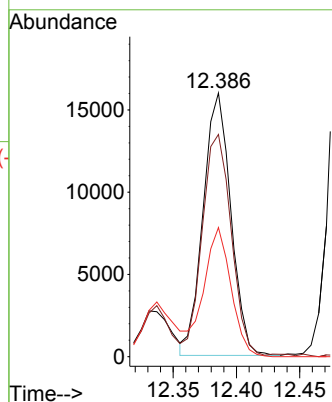
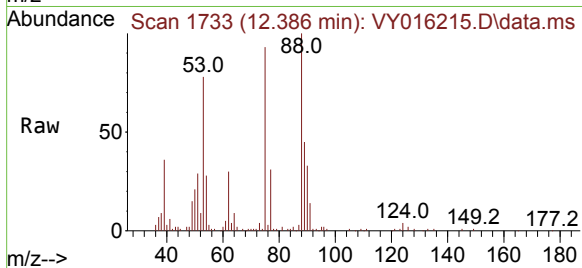




#81
trans-1,4-Dichloro-2-butene
Concen: 54.708 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

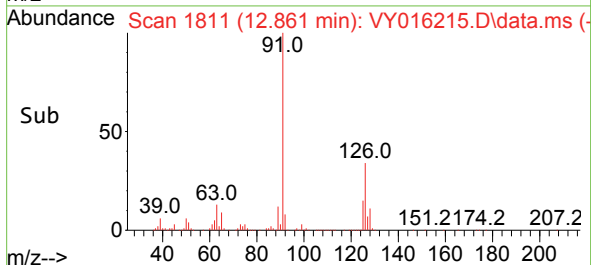
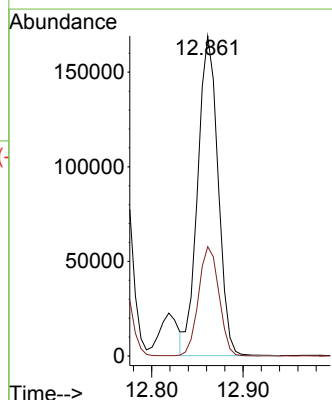
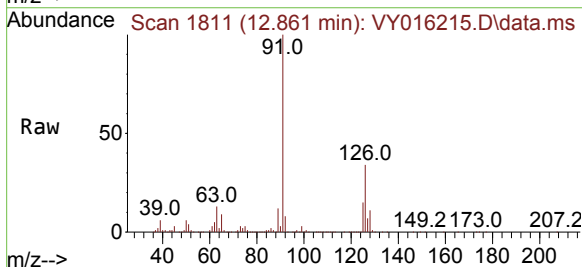
Instrument :
MSVOA_Y
ClientSampleId :

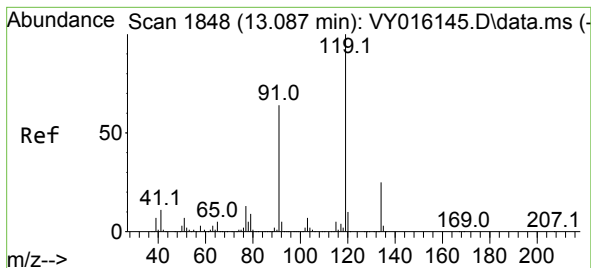
Tgt Ion: 75 Resp: 24310
Ion Ratio Lower Upper
75 100
53 90.4 77.8 116.8
89 49.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.350 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016215.D
Acq: 03 Nov 2023 15:46

Tgt Ion: 91 Resp: 261649
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.128 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

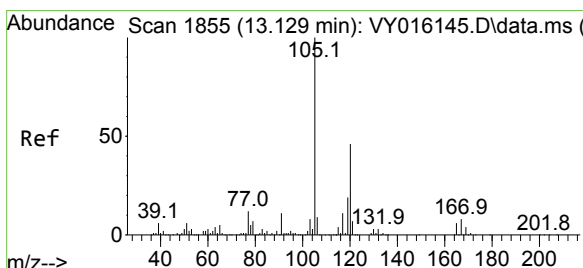
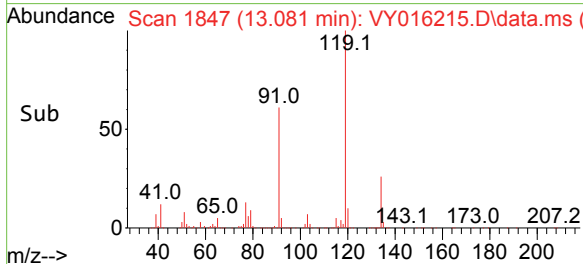
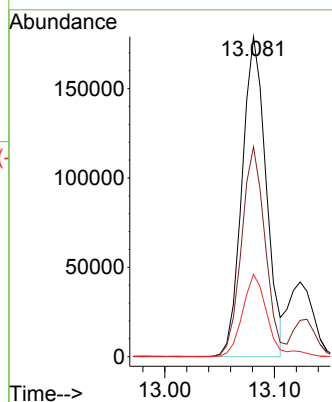
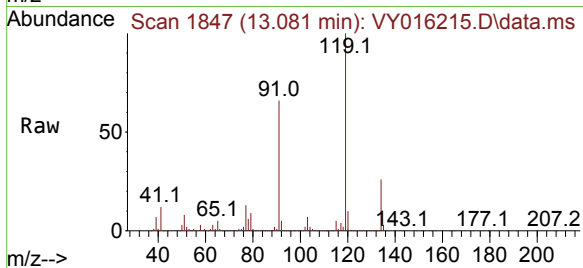
Tgt Ion:119 Resp: 273320

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.566 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016215.D

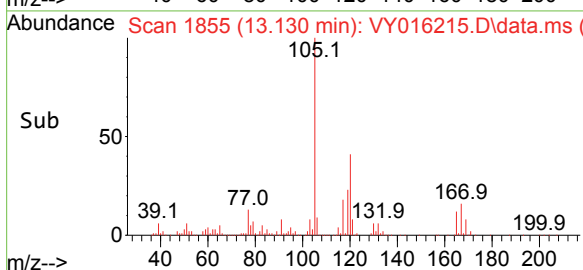
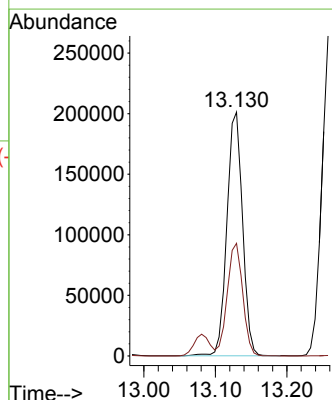
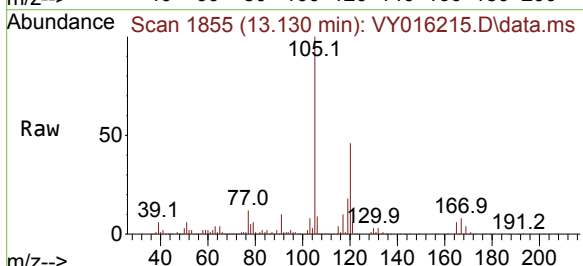
Acq: 03 Nov 2023 15:46

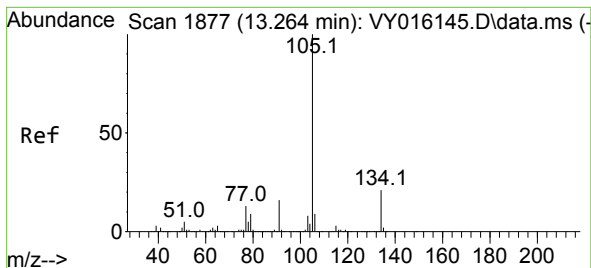
Tgt Ion:105 Resp: 304952

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.193 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

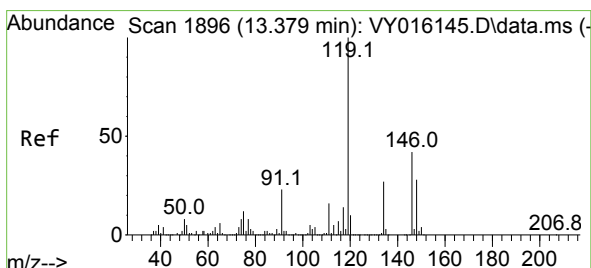
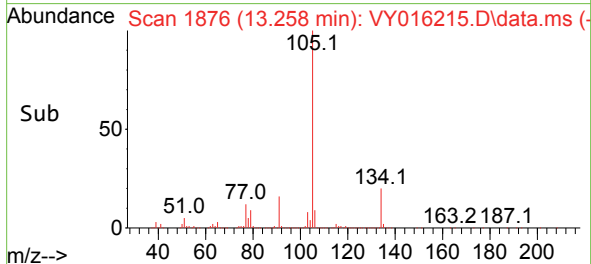
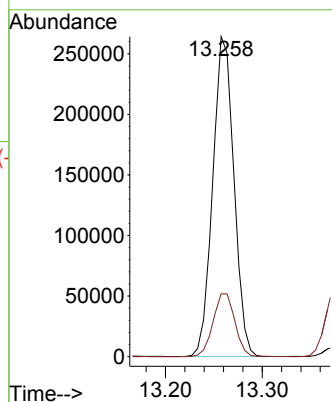
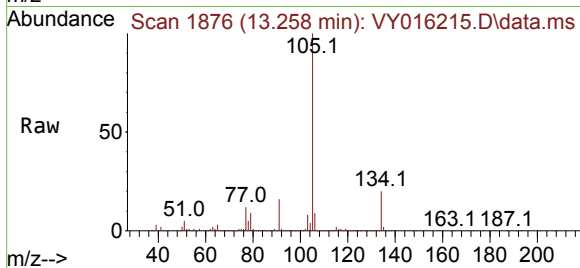
ClientSampleId :

Tgt Ion:105 Resp: 401684

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.976 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

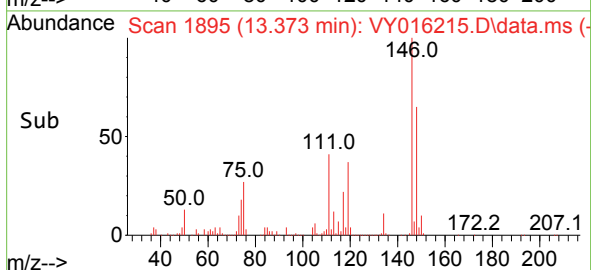
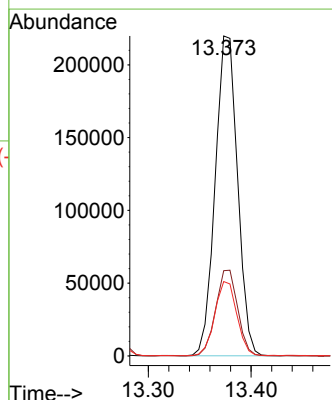
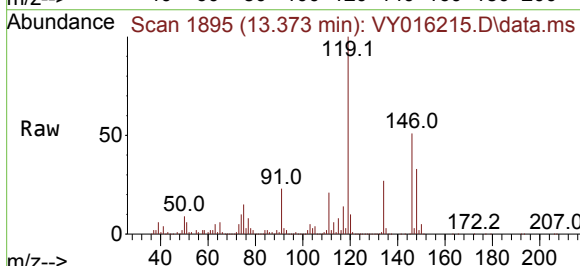
Tgt Ion:119 Resp: 331445

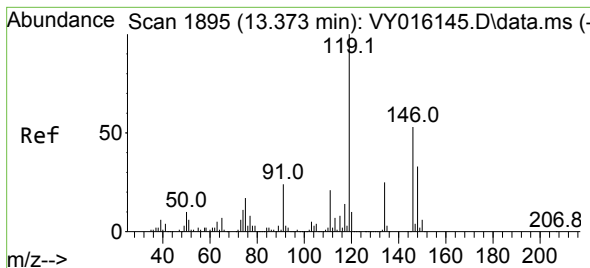
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.746 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

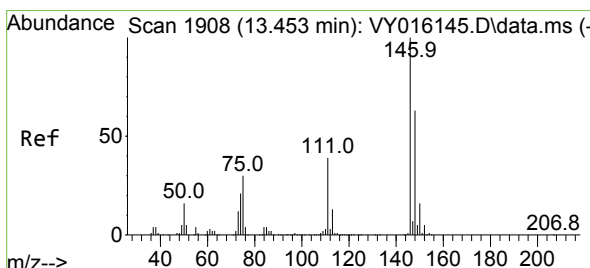
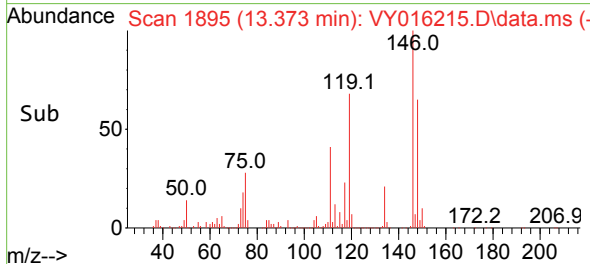
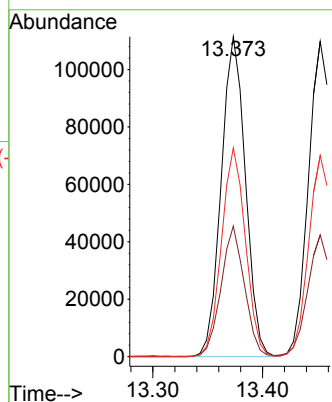
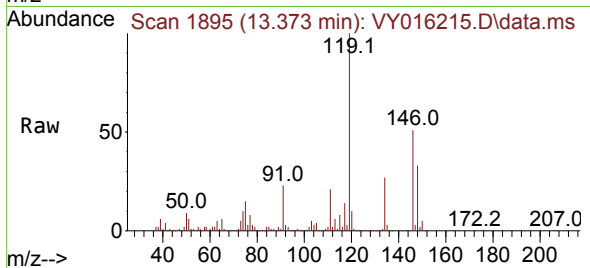
Tgt Ion:146 Resp: 170970

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 64.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.762 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

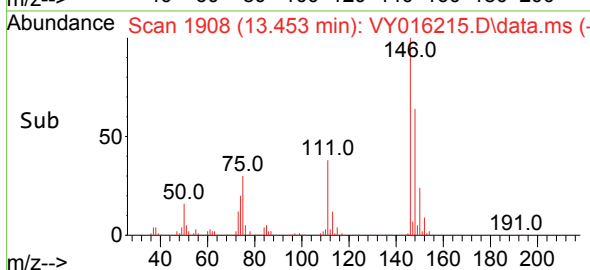
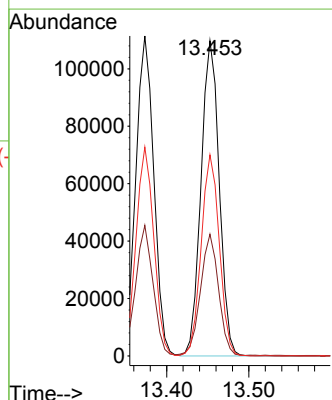
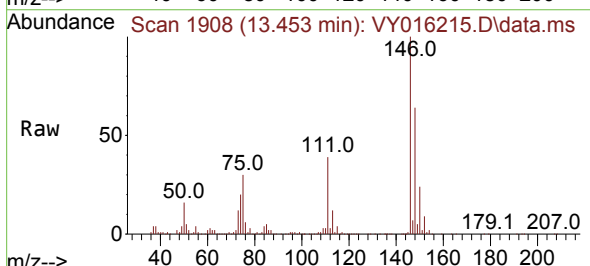
Tgt Ion:146 Resp: 169035

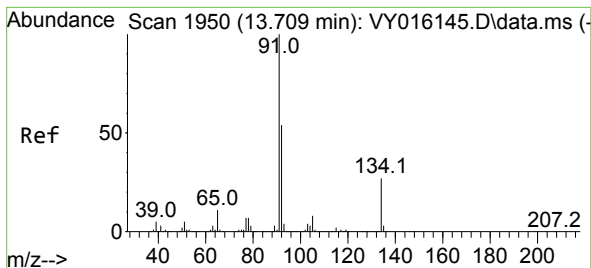
Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 48.867 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

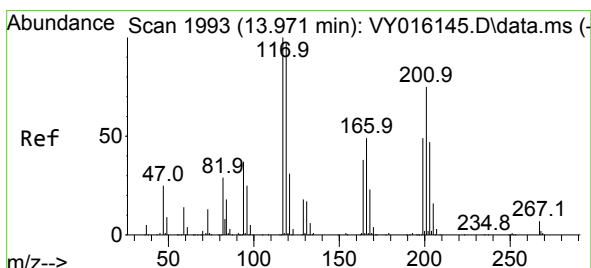
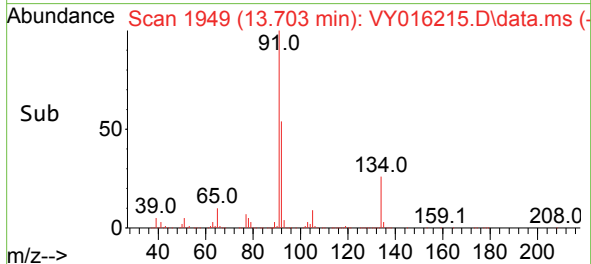
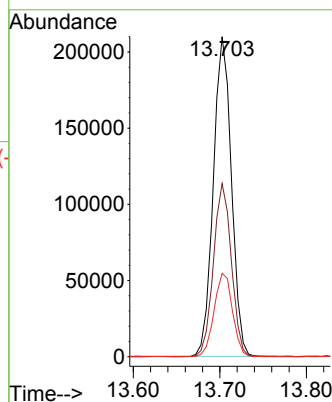
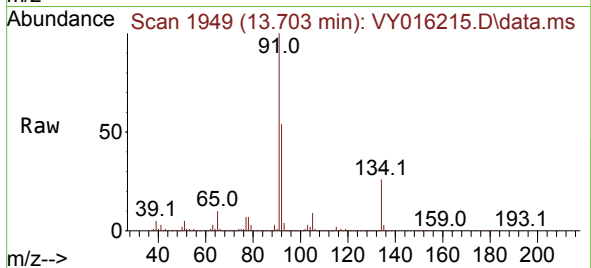
Tgt Ion: 91 Resp: 303870

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 54.182 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016215.D

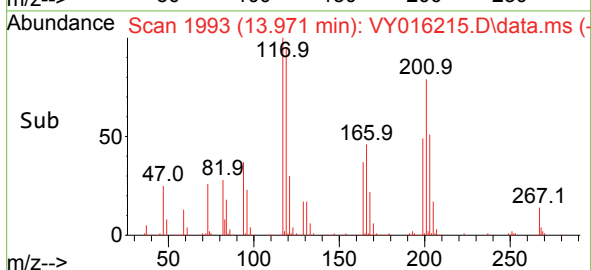
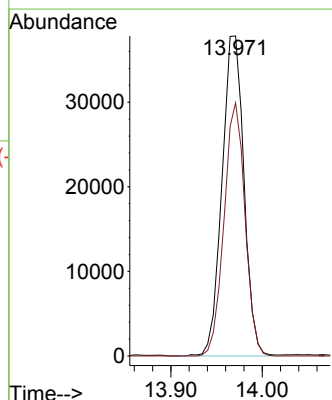
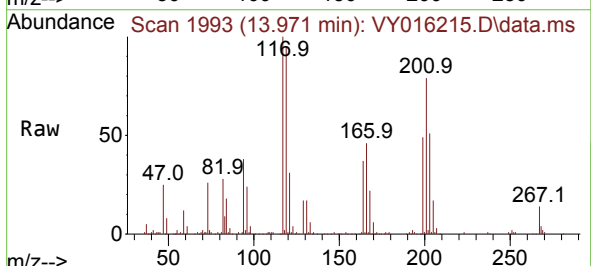
Acq: 03 Nov 2023 15:46

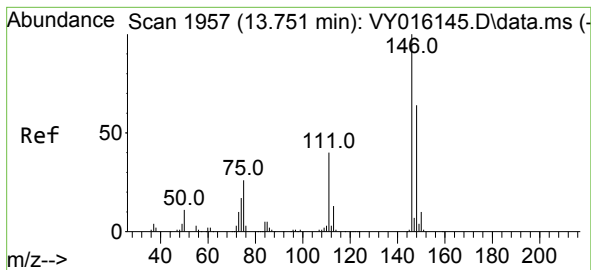
Tgt Ion: 117 Resp: 63189

Ion Ratio Lower Upper

117 100

201 75.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.752 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

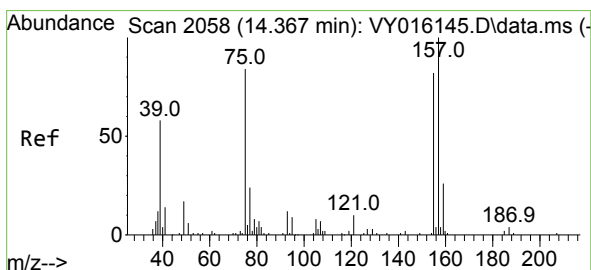
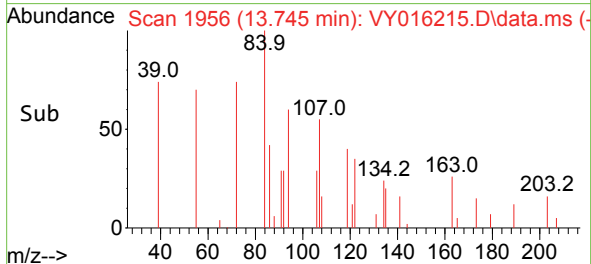
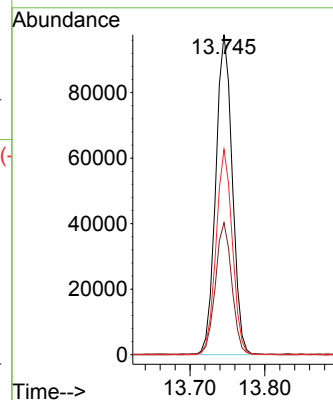
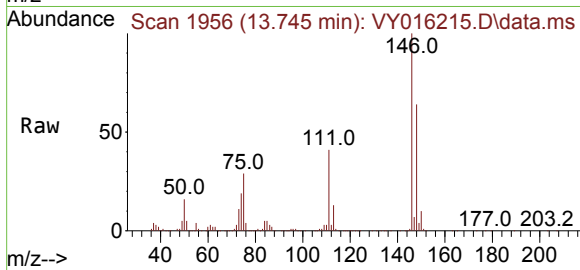
Tgt Ion:146 Resp: 150707

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.0

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.960 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

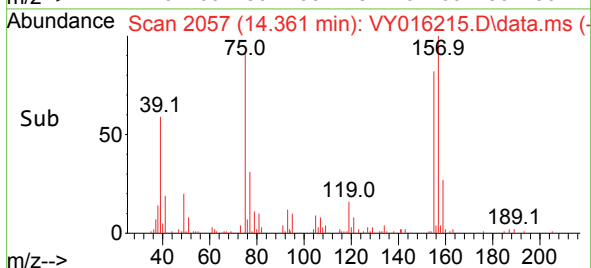
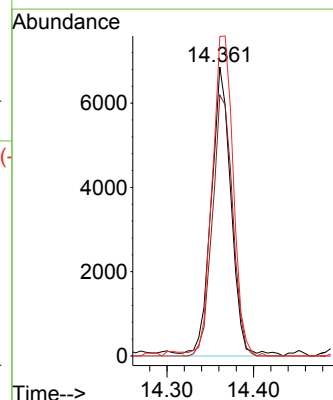
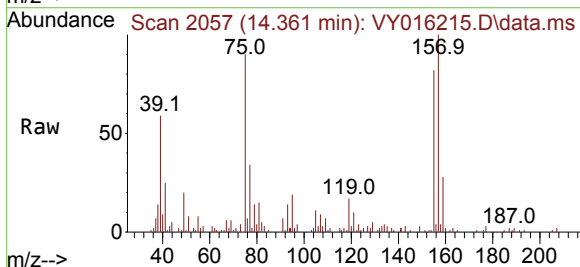
Tgt Ion: 75 Resp: 10919

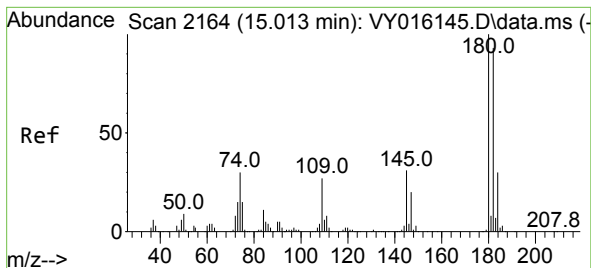
Ion Ratio Lower Upper

75 100

155 91.6 41.5 124.6

157 116.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.343 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

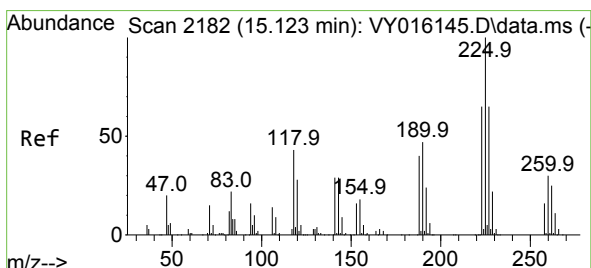
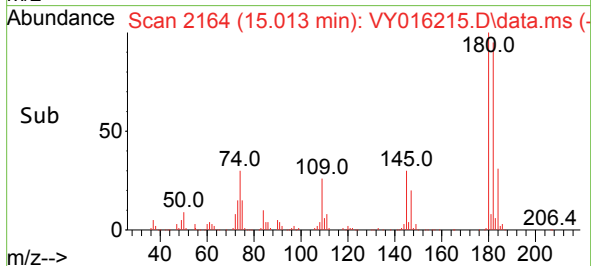
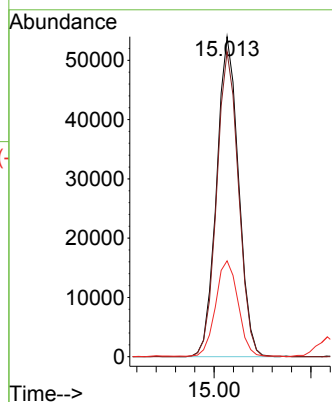
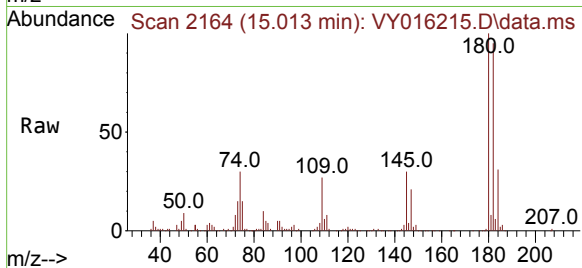
Tgt Ion:180 Resp: 84937

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.690 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

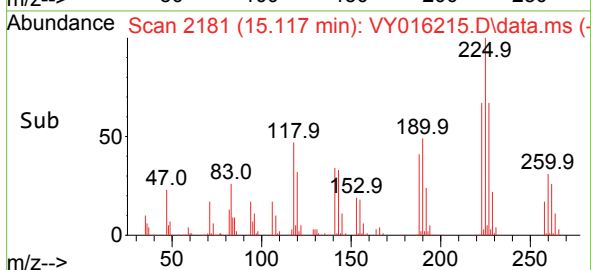
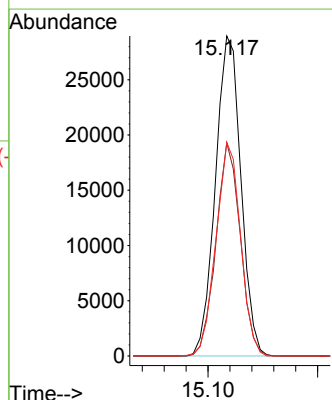
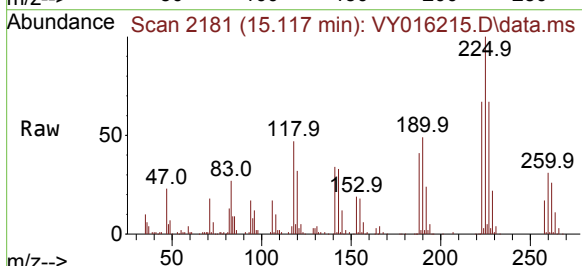
Tgt Ion:225 Resp: 46762

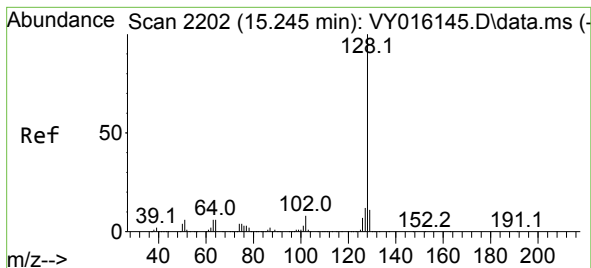
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 48.314 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

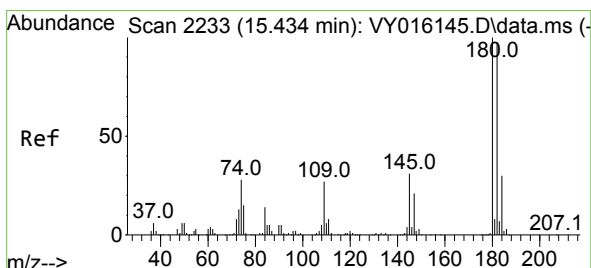
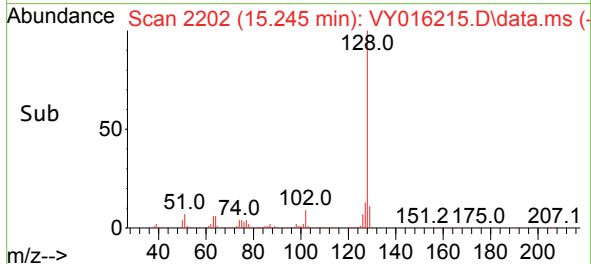
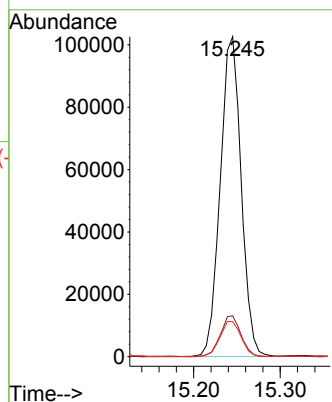
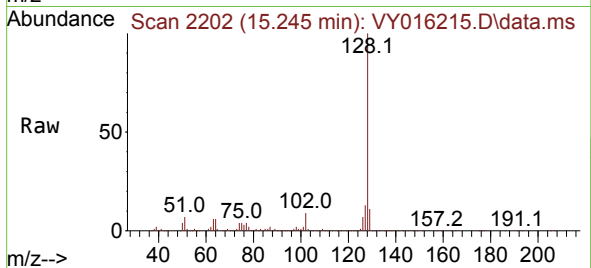
Tgt Ion:128 Resp: 172025

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.844 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016215.D

Acq: 03 Nov 2023 15:46

Tgt Ion:180 Resp: 71776

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.5 15.4 46.2

