

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016380.D
 Acq On : 16 Nov 2023 11:05
 Operator : SY/MD
 Sample : VY1116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	154963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249477	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	219559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102438	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72883	51.460	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.722	113	74694	52.706	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.420%	
50) Toluene-d8	10.185	98	289566	50.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.483	95	94926	50.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28998	19.111	ug/l	99
3) Chloromethane	2.113	50	31310	17.619	ug/l	97
4) Vinyl Chloride	2.253	62	33882	17.731	ug/l	98
5) Bromomethane	2.649	94	22252	17.719	ug/l	98
6) Chloroethane	2.796	64	22350	18.330	ug/l	95
7) Trichlorofluoromethane	3.125	101	54578	19.632	ug/l	99
8) Diethyl Ether	3.533	74	16845	20.273	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	33247	19.856	ug/l	95
10) Methyl Iodide	4.094	142	31528	17.434	ug/l	99
11) Tert butyl alcohol	4.966	59	11328	102.139	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	29333	18.732	ug/l	86
13) Acrolein	3.728	56	12889	96.349	ug/l	99
14) Allyl chloride	4.484	41	40423	18.191	ug/l #	92
15) Acrylonitrile	5.167	53	35568	107.867	ug/l	97
16) Acetone	3.948	43	31928	136.285	ug/l #	88
17) Carbon Disulfide	4.198	76	79100	16.741	ug/l	98
18) Methyl Acetate	4.484	43	26376	21.188	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	76081	20.074	ug/l	99
20) Methylene Chloride	4.722	84	38319	21.145	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	33805	18.749	ug/l	91
22) Diisopropyl ether	6.124	45	95265	19.892	ug/l #	86
23) Vinyl Acetate	6.063	43	228426	98.437	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	57768	19.553	ug/l	96
25) 2-Butanone	6.990	43	49452	120.514	ug/l	94
26) 2,2-Dichloropropane	6.984	77	53707	19.973	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	37964	19.538	ug/l	92
28) Bromochloromethane	7.338	49	22109	20.219	ug/l	84
29) Tetrahydrofuran	7.356	42	28316	104.401	ug/l	89
30) Chloroform	7.508	83	62505	20.325	ug/l	98
31) Cyclohexane	7.789	56	48931	17.548	ug/l	86
32) 1,1,1-Trichloroethane	7.709	97	56988	20.216	ug/l	96
36) 1,1-Dichloropropene	7.923	75	47511	19.307	ug/l	99
37) Ethyl Acetate	7.075	43	19358	19.469	ug/l #	92
38) Carbon Tetrachloride	7.905	117	51349	20.106	ug/l	99
39) Methylcyclohexane	9.185	83	55859	18.217	ug/l	89
40) Benzene	8.167	78	136517	19.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8704	17.362	ug/l #	83
42) 1,2-Dichloroethane	8.240	62	37229	20.782	ug/l	94
43) Isopropyl Acetate	8.276	43	37674	19.602	ug/l #	89
44) Trichloroethene	8.947	130	38809	19.531	ug/l	94
45) 1,2-Dichloropropane	9.221	63	33172	19.978	ug/l	94
46) Dibromomethane	9.307	93	18472	20.530	ug/l	97
47) Bromodichloromethane	9.502	83	47796	20.662	ug/l	99
48) Methyl methacrylate	9.294	41	20721	19.508	ug/l #	85
49) 1,4-Dioxane	9.301	88	3988	417.486	ug/l #	63
51) 4-Methyl-2-Pentanone	10.075	43	102053	105.005	ug/l	91
52) Toluene	10.246	92	86361	19.761	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	45640	20.352	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	53577	20.003	ug/l	88
55) 1,1,2-Trichloroethane	10.648	97	26537	21.398	ug/l	93
56) Ethyl methacrylate	10.514	69	24084	20.573	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	44407	21.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	80954	101.983	ug/l	94
59) 2-Hexanone	10.837	43	81541	112.796	ug/l	89
60) Dibromochloromethane	10.989	129	33381	21.522	ug/l	99
61) 1,2-Dibromoethane	11.093	107	24876	21.054	ug/l	99
64) Tetrachloroethene	10.721	164	38433	19.495	ug/l	96
65) Chlorobenzene	11.520	112	94370	20.118	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35152	20.317	ug/l	97
67) Ethyl Benzene	11.599	91	165967	19.687	ug/l	99
68) m/p-Xylenes	11.703	106	125960	39.392	ug/l	95
69) o-Xylene	12.032	106	59064	19.895	ug/l	97
70) Styrene	12.050	104	85777	20.178	ug/l	98
71) Bromoform	12.215	173	19106	21.282	ug/l #	98
73) Isopropylbenzene	12.331	105	163158	19.669	ug/l	100
74) N-amyl acetate	12.148	43	32099	19.265	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	28814	21.647	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	36475	37.118	ug/l #	100
77) Bromobenzene	12.611	156	38194	20.372	ug/l	94
78) n-propylbenzene	12.678	91	193140	19.702	ug/l	99
79) 2-Chlorotoluene	12.763	91	106362	19.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	132800	19.856	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9011	19.904	ug/l	95
82) 4-Chlorotoluene	12.861	91	110984	19.881	ug/l	98
83) tert-Butylbenzene	13.080	119	116488	19.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	131456	19.962	ug/l	99
85) sec-Butylbenzene	13.257	105	166818	19.822	ug/l	100
86) p-Isopropyltoluene	13.373	119	144269	19.908	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	73217	20.299	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	71212	20.202	ug/l	99
89) n-Butylbenzene	13.702	91	132732	19.833	ug/l	97
90) Hexachloroethane	13.964	117	27566	19.719	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	62070	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4063	19.185	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	36169	20.048	ug/l	99
94) Hexachlorobutadiene	15.117	225	21722	21.016	ug/l	99
95) Naphthalene	15.239	128	63313	19.622	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	29322	19.650	ug/l	98

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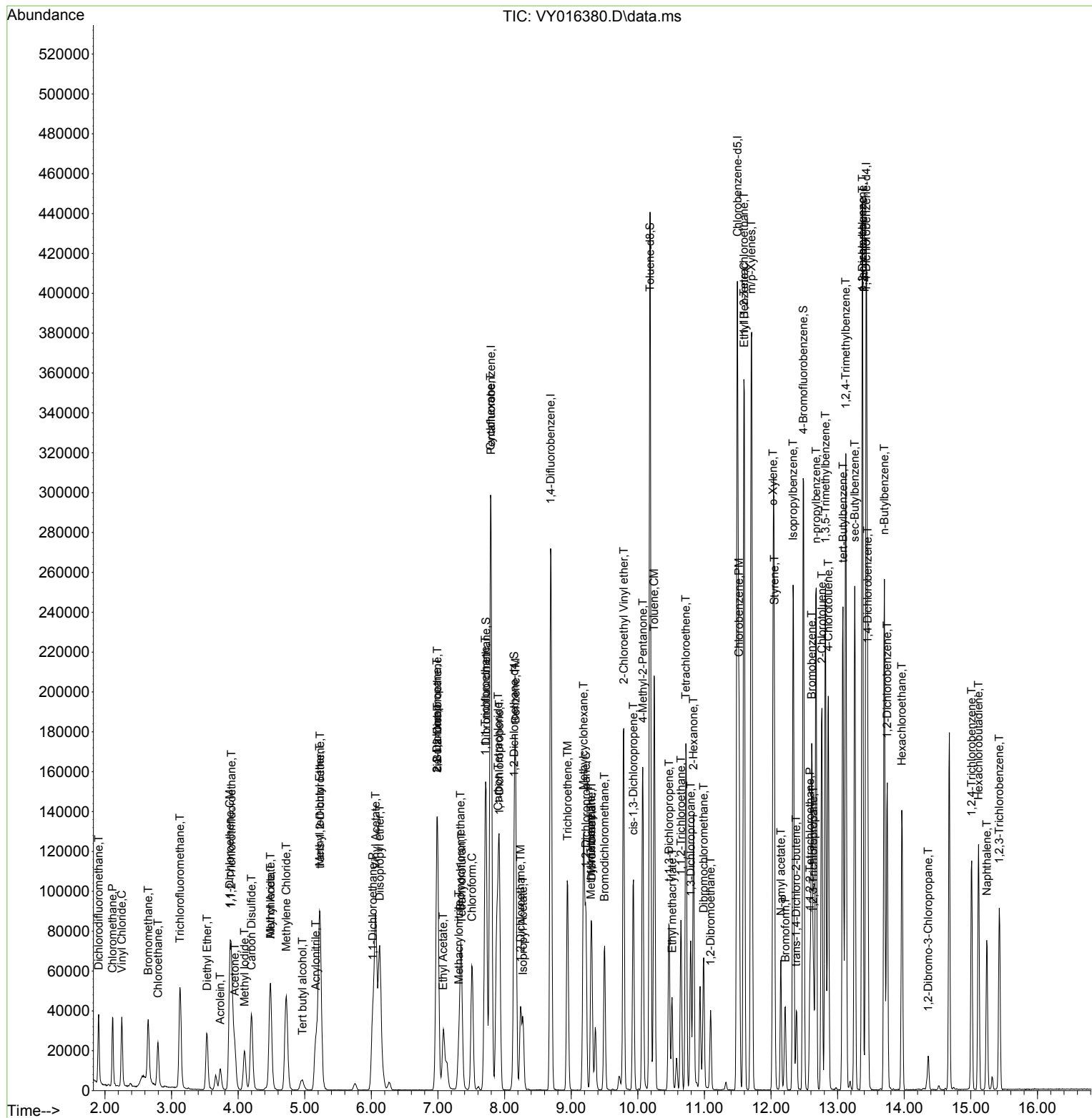
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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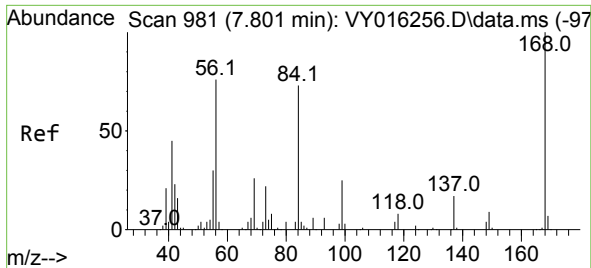
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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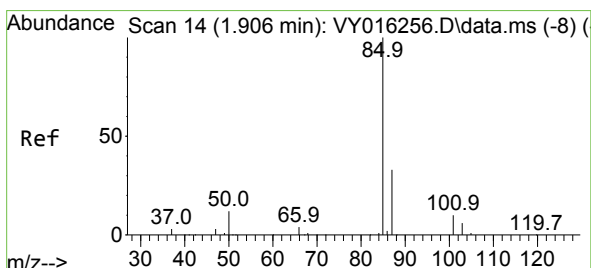
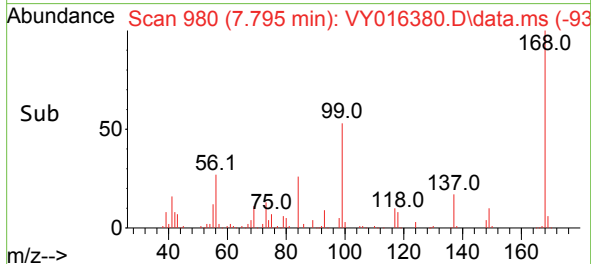
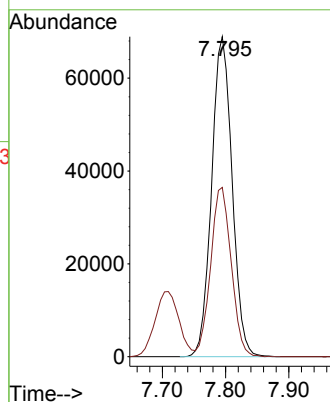
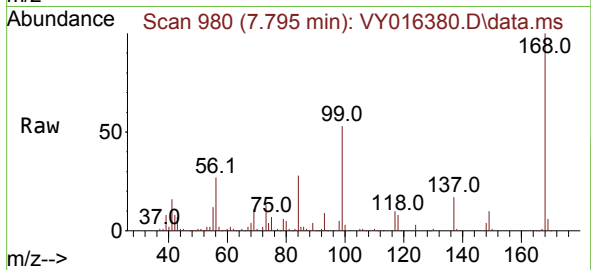




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016380.D
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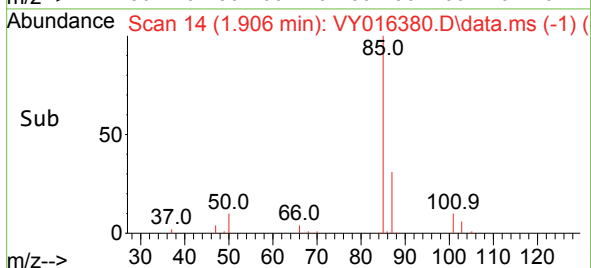
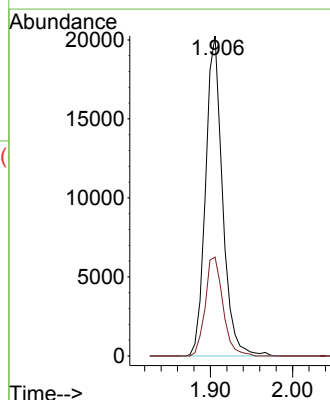
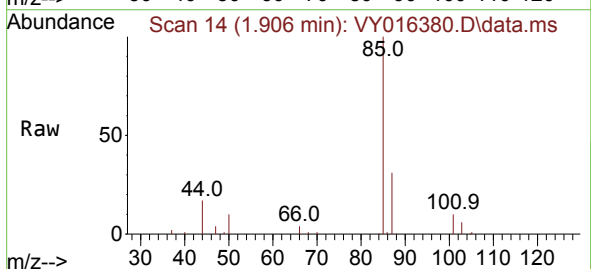
Instrument :
MSVOA_Y
ClientSampleId :

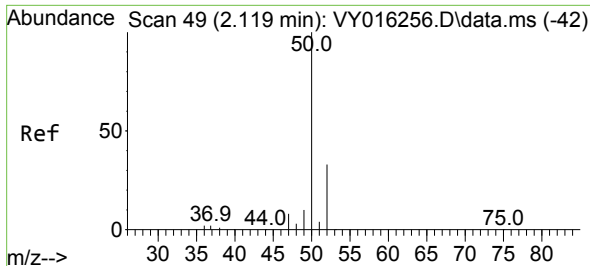
Tgt Ion:168 Resp: 154963
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.111 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 85 Resp: 28998
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8

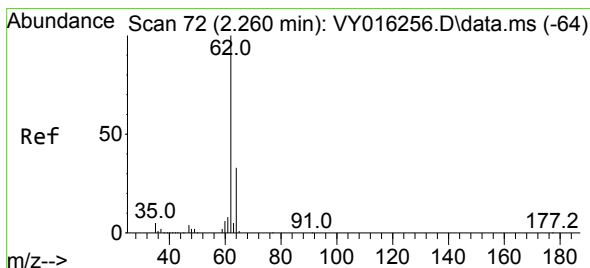
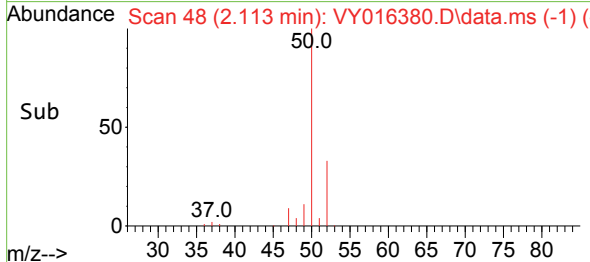
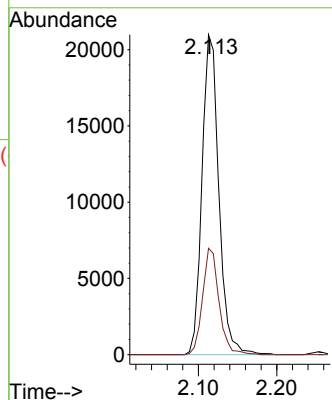
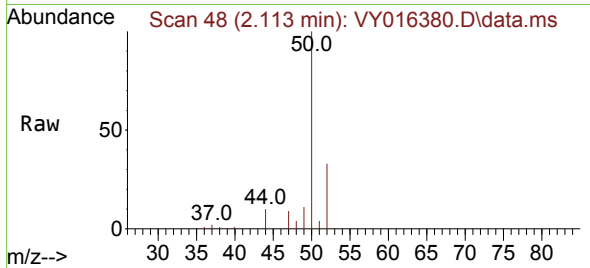




#3
Chloromethane
Concen: 17.619 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

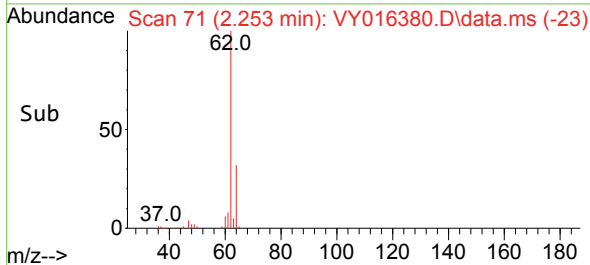
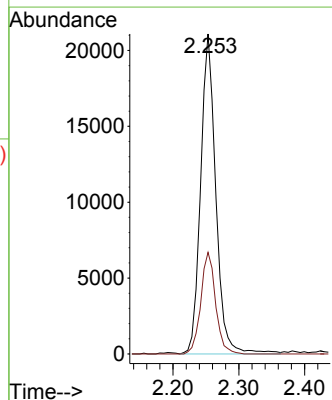
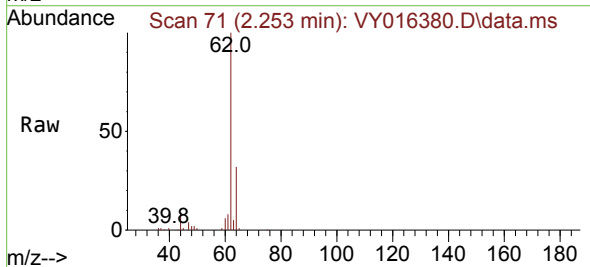
Instrument :
MSVOA_Y
ClientSampleId :

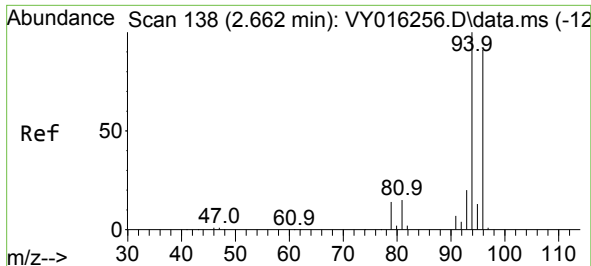
Tgt Ion: 50 Resp: 31310
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 17.731 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 62 Resp: 33882
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5

Bromomethane

Concen: 17.719 ug/l

RT: 2.649 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

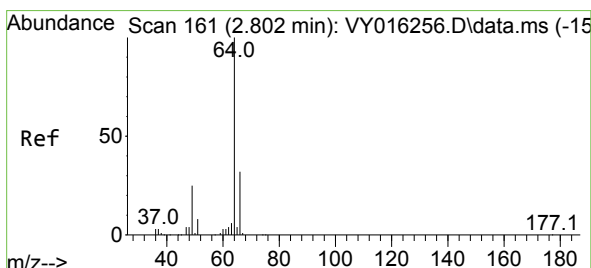
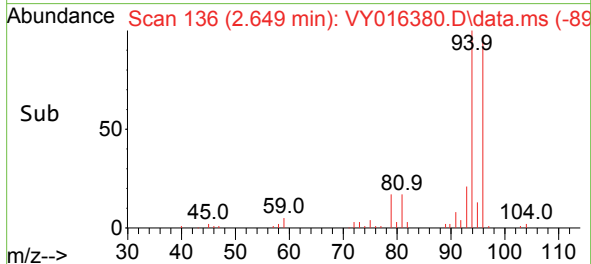
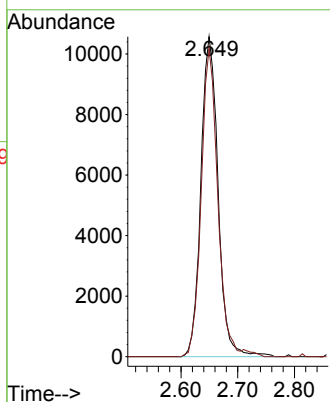
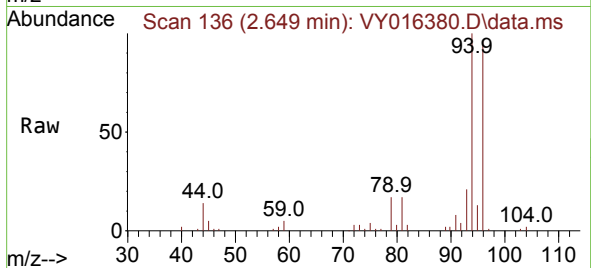
ClientSampleId :

Tgt Ion: 94 Resp: 22252

Ion Ratio Lower Upper

94 100

96 96.3 75.8 113.6



#6

Chloroethane

Concen: 18.330 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.007 min

Lab File: VY016380.D

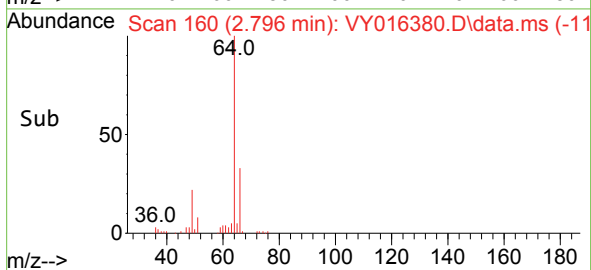
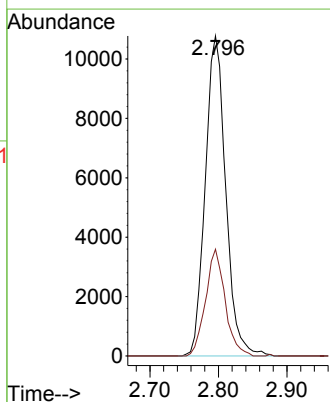
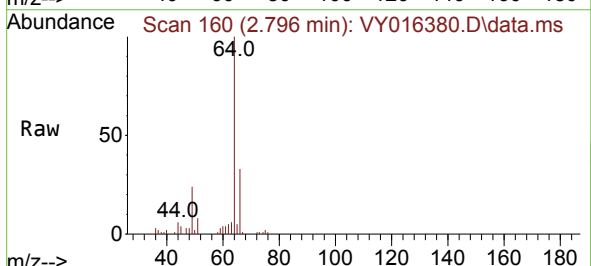
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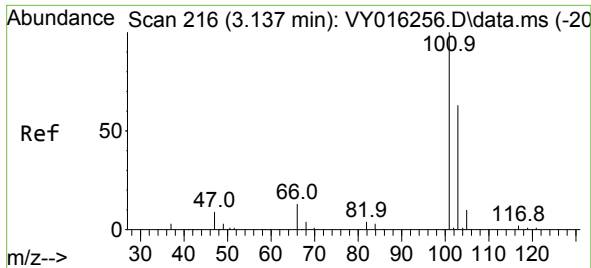
Tgt Ion: 64 Resp: 22350

Ion Ratio Lower Upper

64 100

66 33.4 24.4 36.6

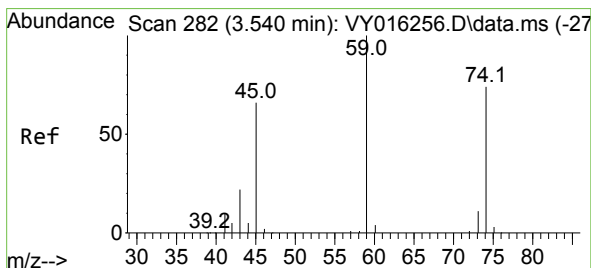
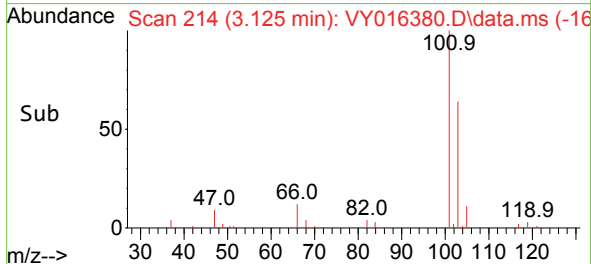
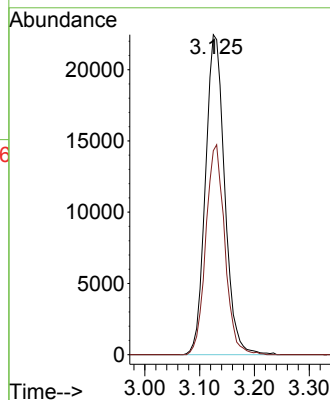
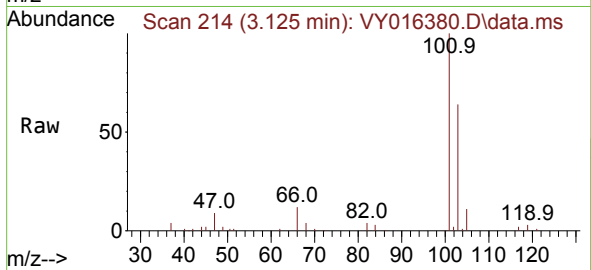




#7
 Trichlorofluoromethane
 Concen: 19.632 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.013 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

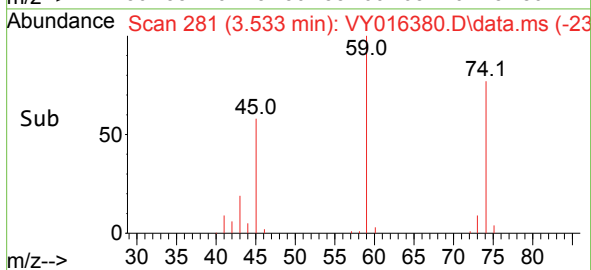
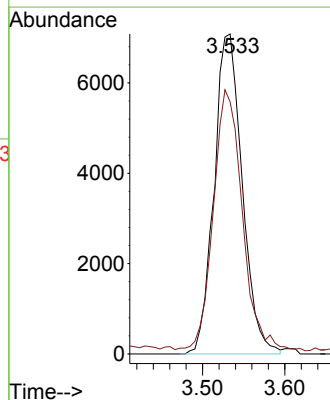
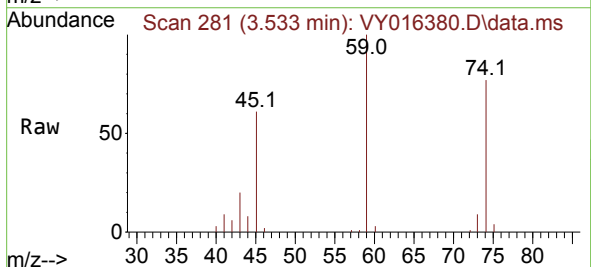
Instrument :
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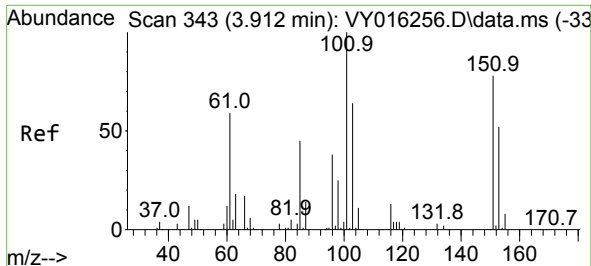
Tgt Ion:101 Resp: 54578
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.273 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

Tgt Ion: 74 Resp: 16845
 Ion Ratio Lower Upper
 74 100
 45 84.1 51.5 154.5

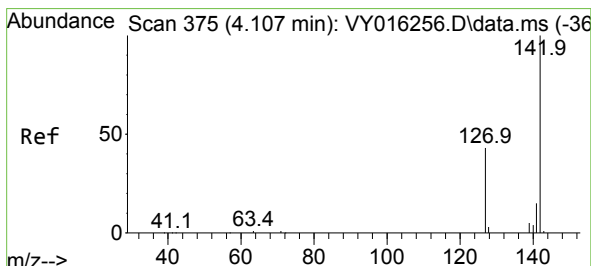
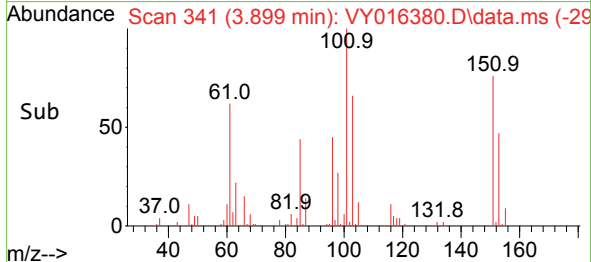
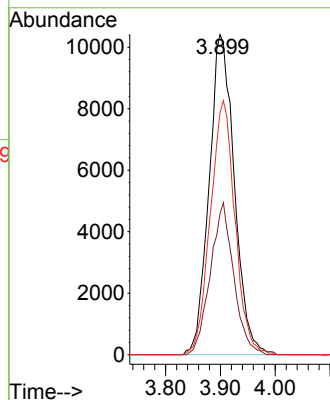
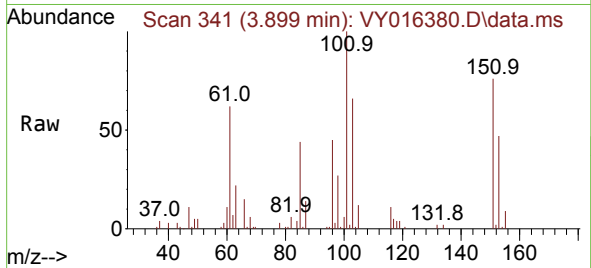




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.856 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

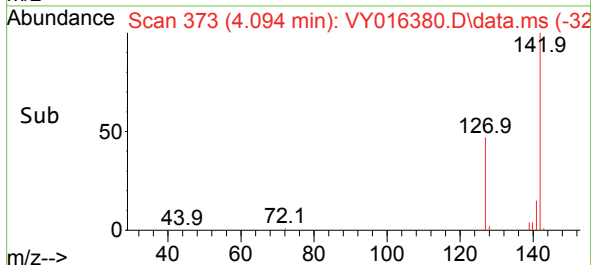
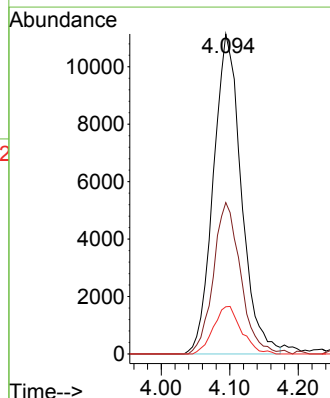
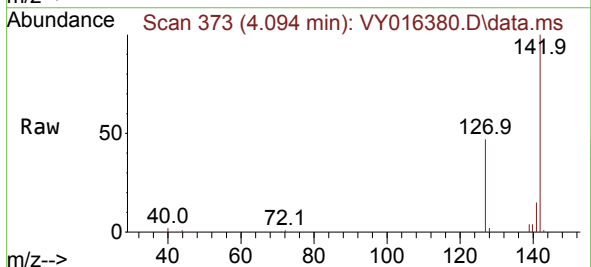
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 33247
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 77.5 67.0 100.6



#10
Methyl Iodide
Concen: 17.434 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion:142 Resp: 31528
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.9 11.8 17.8

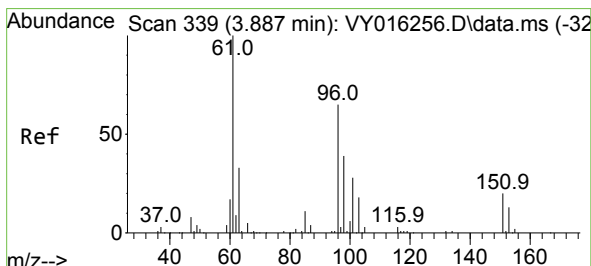
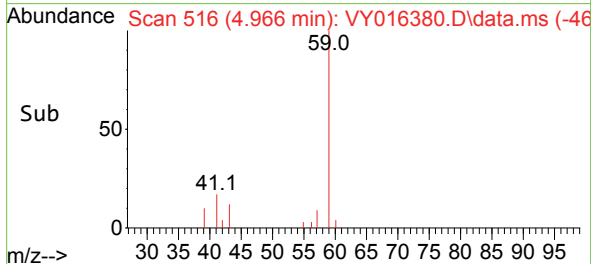
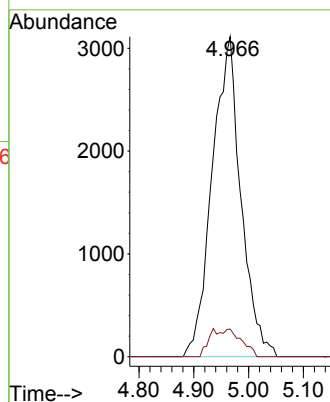
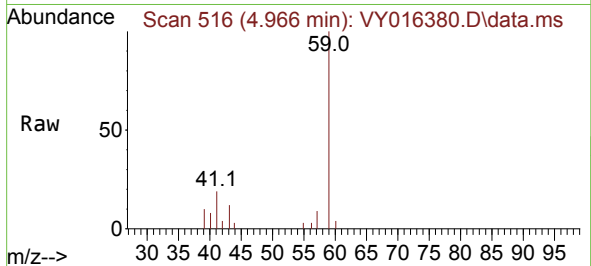




#11
Tert butyl alcohol
Concen: 102.139 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

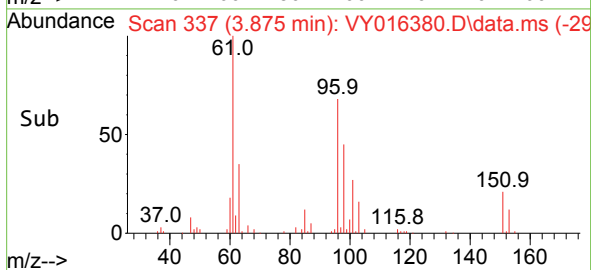
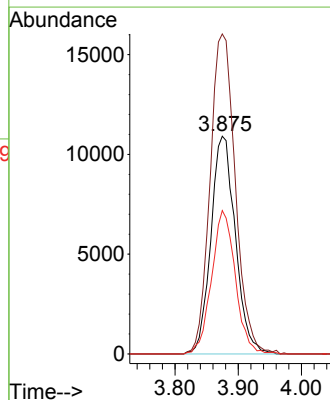
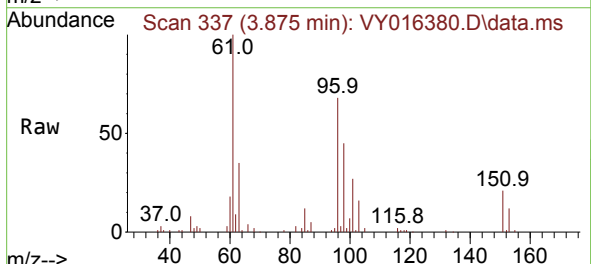
Instrument :
MSVOA_Y
ClientSampleId :

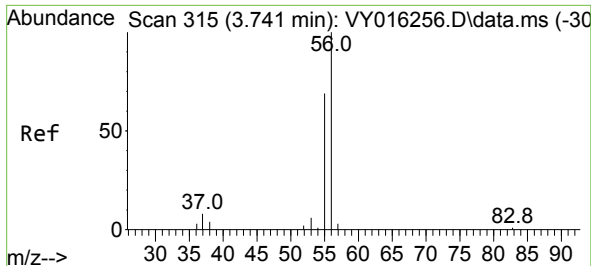
Tgt Ion: 59 Resp: 11328
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.732 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 96 Resp: 29333
Ion Ratio Lower Upper
96 100
61 147.0 136.4 204.6
98 65.9 49.4 74.2





#13

Acrolein

Concen: 96.349 ug/l

RT: 3.728 min Scan# 31

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

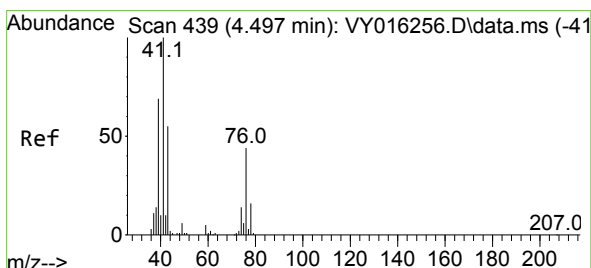
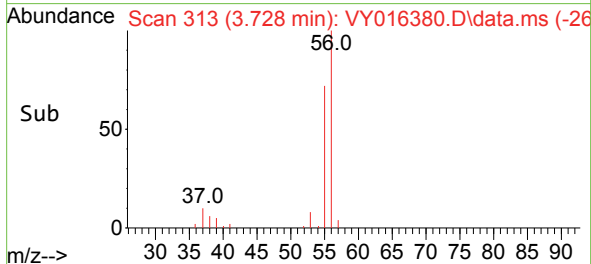
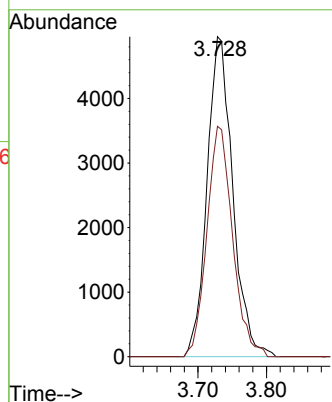
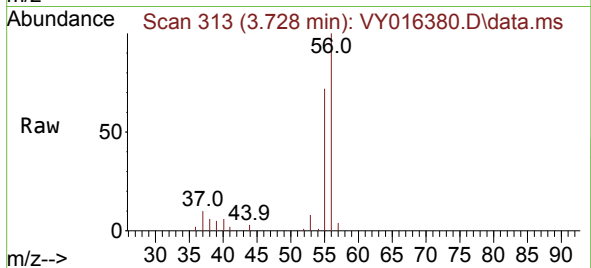
ClientSampleId :

Tgt Ion: 56 Resp: 12889

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.4



#14

Allyl chloride

Concen: 18.191 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

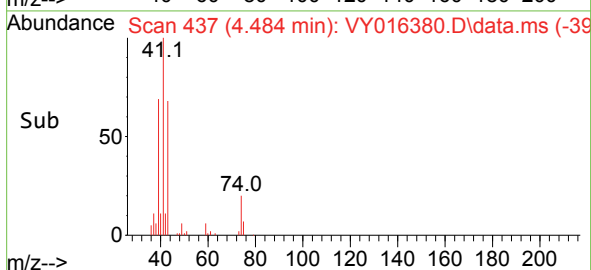
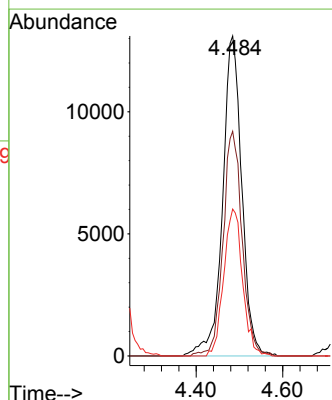
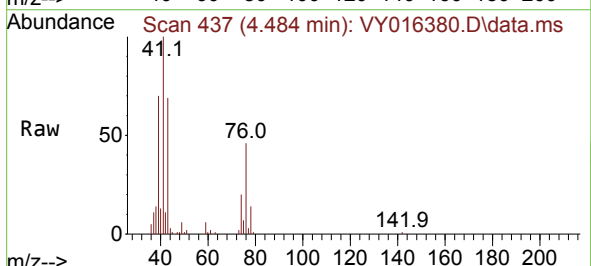
Tgt Ion: 41 Resp: 40423

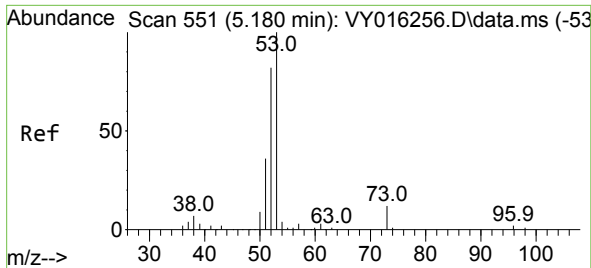
Ion Ratio Lower Upper

41 100

39 69.7 58.0 87.0

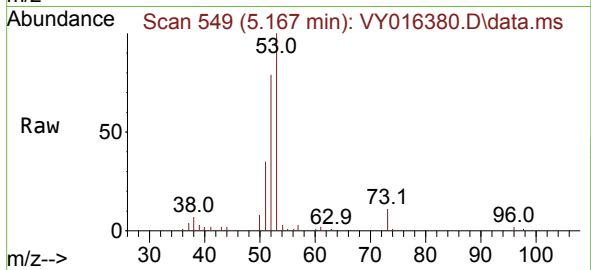
76 45.0 27.4 41.2#



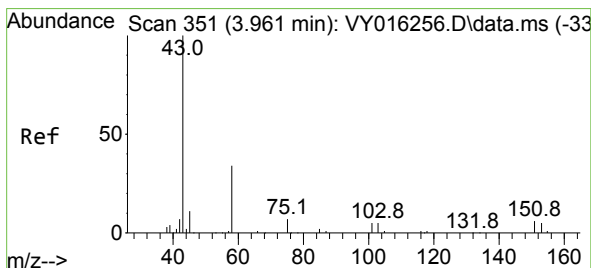
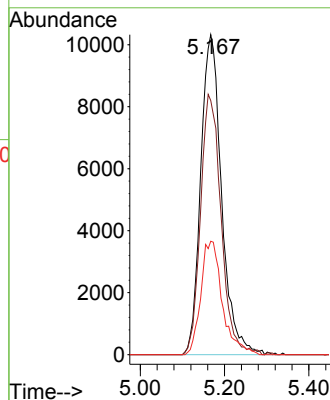
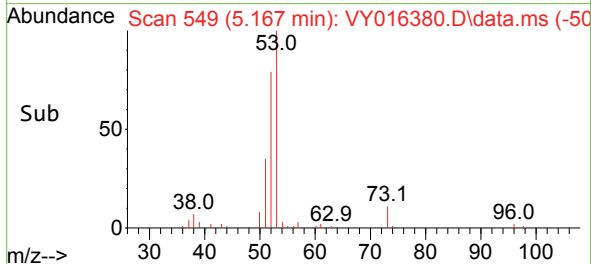


#15
Acrylonitrile
Concen: 107.867 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

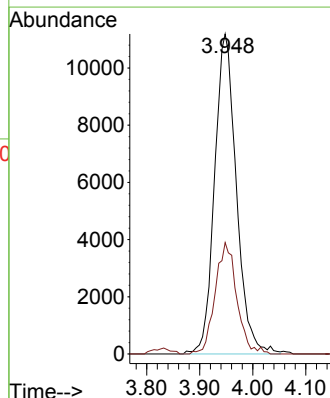
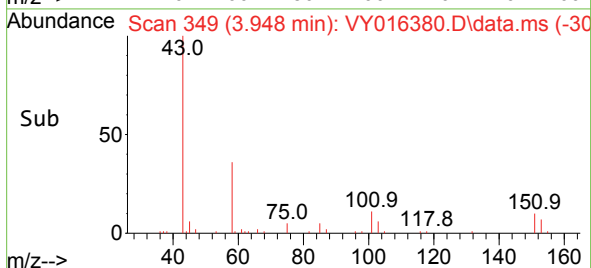
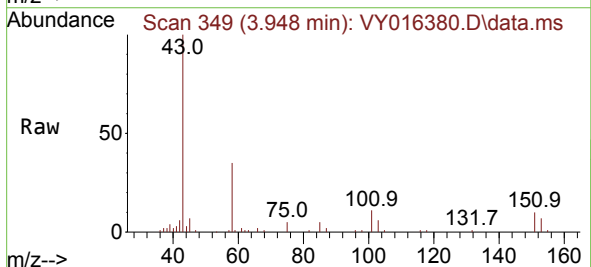


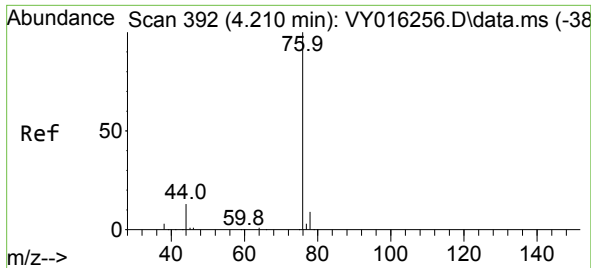
Tgt Ion: 53	Resp: 35568
Ion Ratio	Lower Upper
53	100
52	80.2 66.9 100.3
51	36.6 29.8 44.6



#16
Acetone
Concen: 136.285 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 43	Resp: 31928
Ion Ratio	Lower Upper
43	100
58	34.8 22.7 34.1#

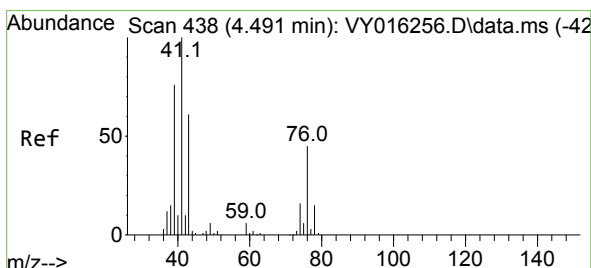
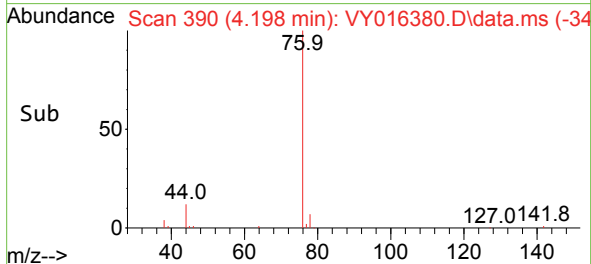
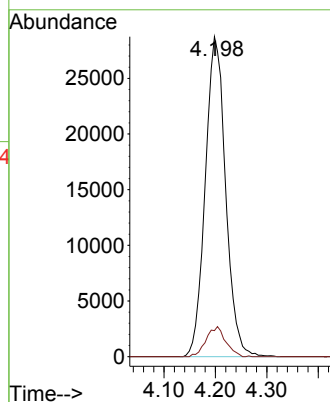
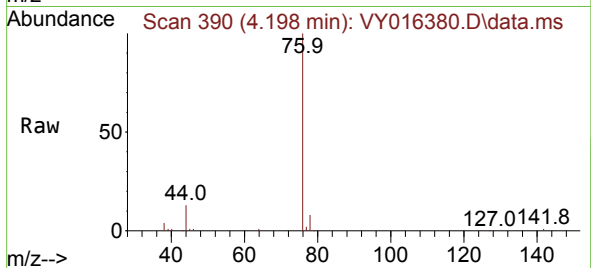




#17
Carbon Disulfide
Concen: 16.741 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

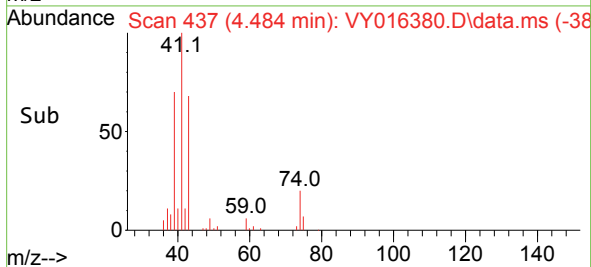
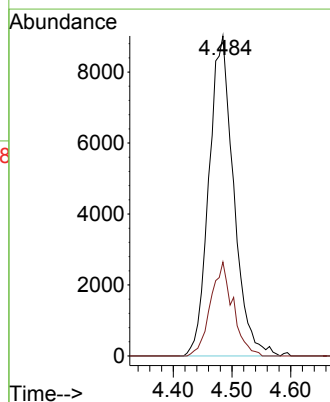
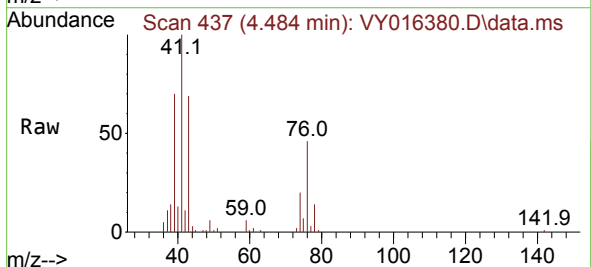
Instrument :
MSVOA_Y
ClientSampleId :

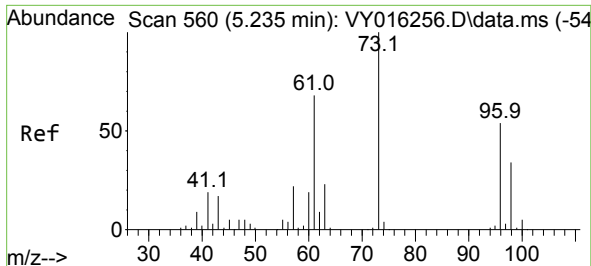
Tgt Ion: 76 Resp: 79100
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 21.188 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 43 Resp: 26376
Ion Ratio Lower Upper
43 100
74 26.7 17.4 26.0#

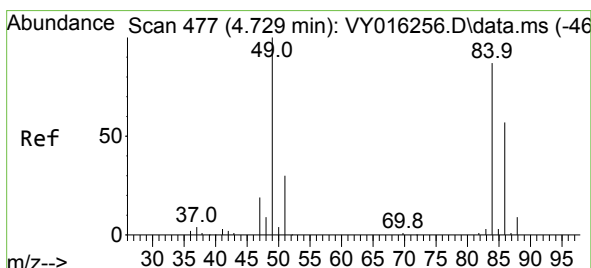
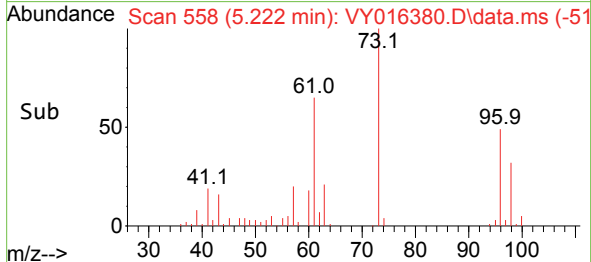
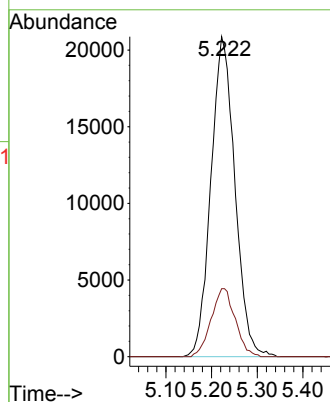
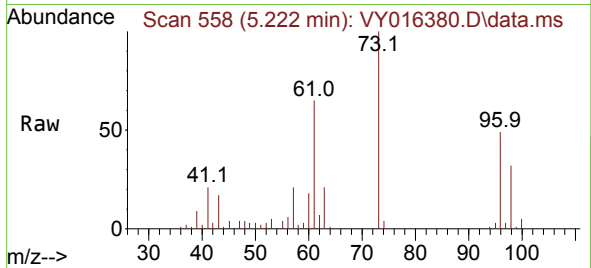




#19
Methyl tert-butyl Ether
Concen: 20.074 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

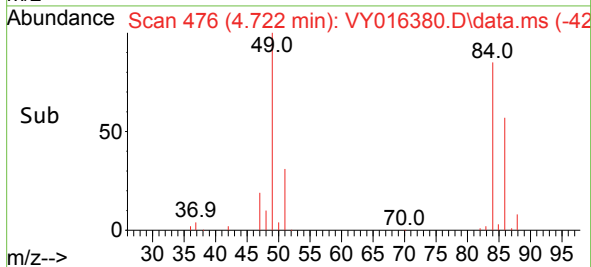
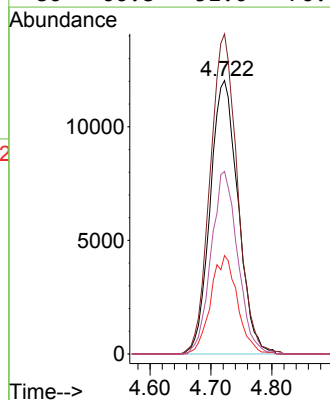
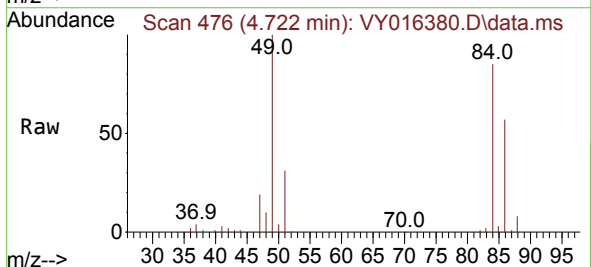
Instrument :
MSVOA_Y
ClientSampleId :

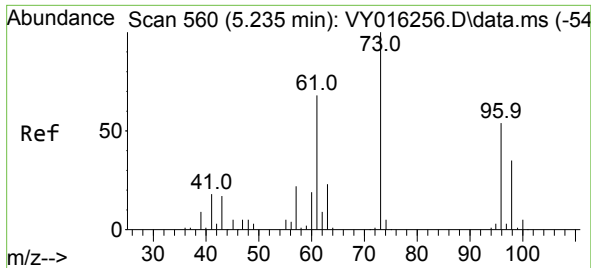
Tgt Ion: 73 Resp: 76081
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 21.145 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

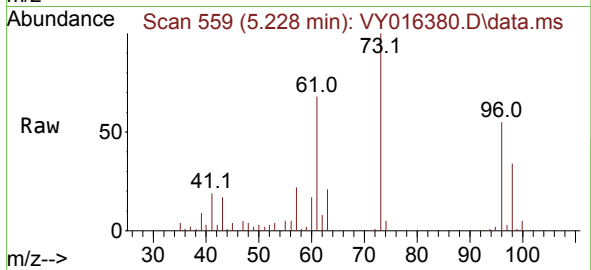
Tgt Ion: 84 Resp: 38319
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 36.0 33.2 49.8
86 66.8 51.0 76.6



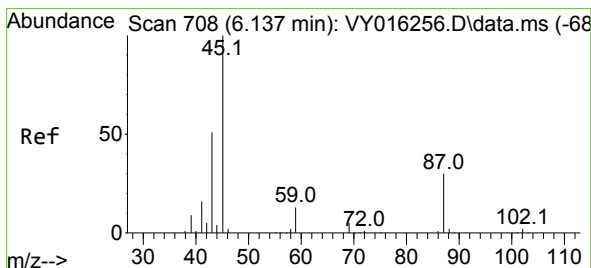
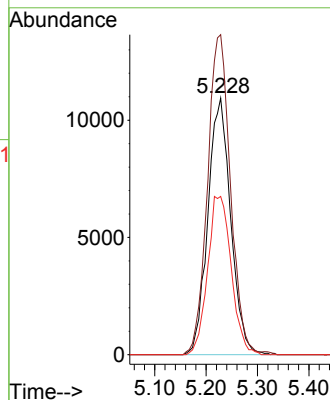
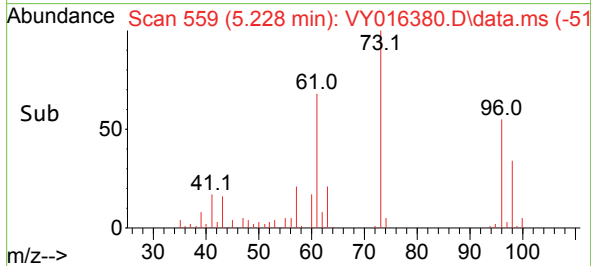


#21
trans-1,2-Dichloroethene
Concen: 18.749 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

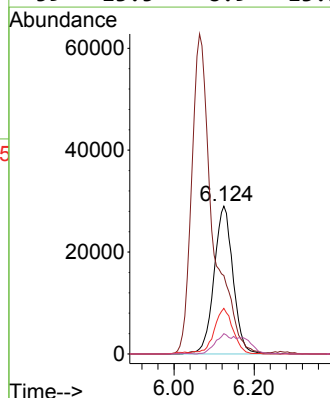
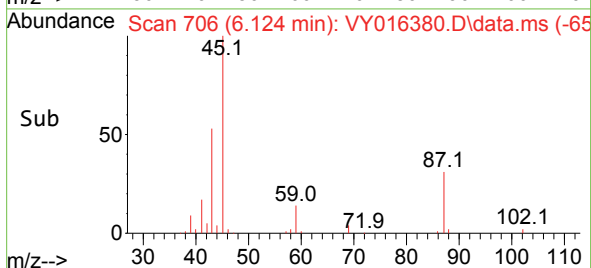
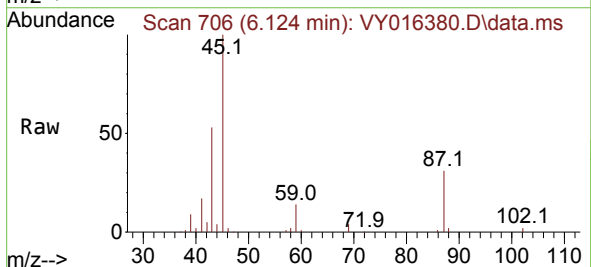


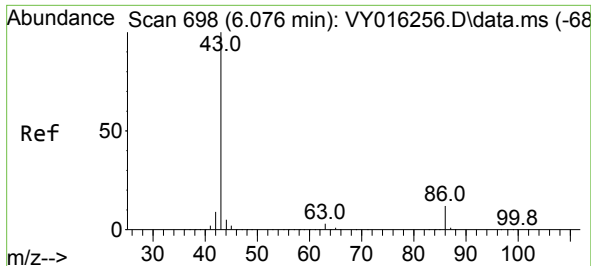
Tgt Ion: 96 Resp: 33805
Ion Ratio Lower Upper
96 100
61 124.7 110.2 165.4
98 61.7 51.8 77.6



#22
Diisopropyl ether
Concen: 19.892 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 45 Resp: 95265
Ion Ratio Lower Upper
45 100
43 51.3 52.2 78.4#
87 30.8 21.0 31.6
59 13.5 8.9 13.3#

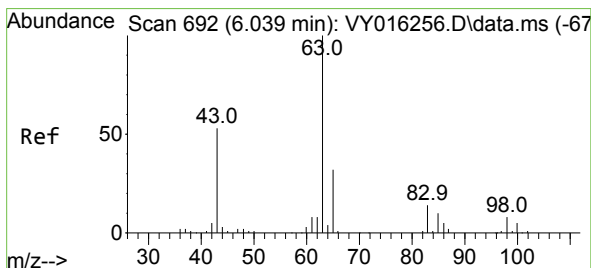
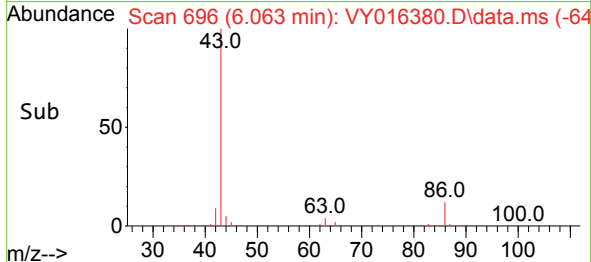
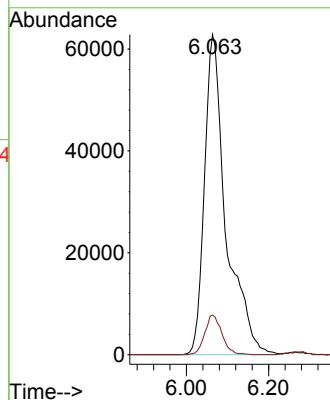
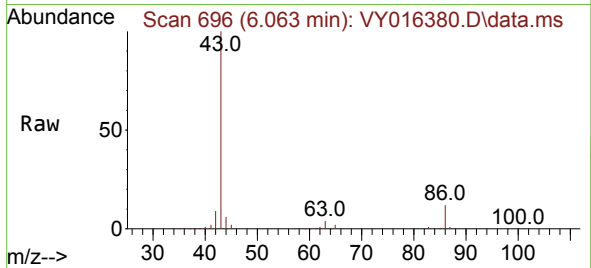




#23
 Vinyl Acetate
 Concen: 98.437 ug/l
 RT: 6.063 min Scan# 698
 Delta R.T. -0.013 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

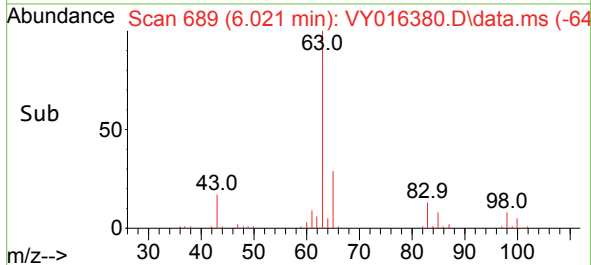
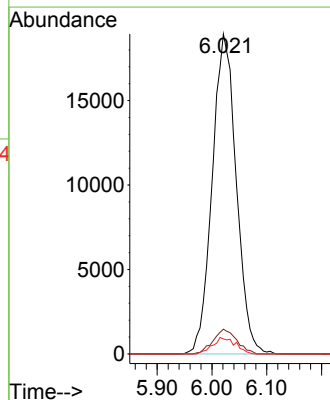
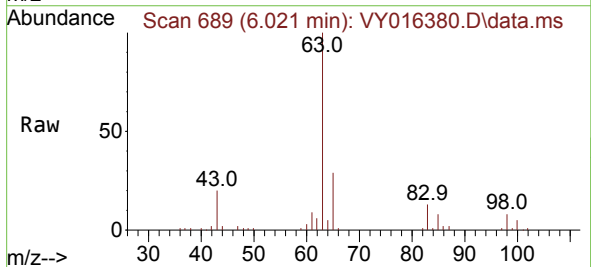
Instrument :
 MSVOA_Y
 ClientSampleId :

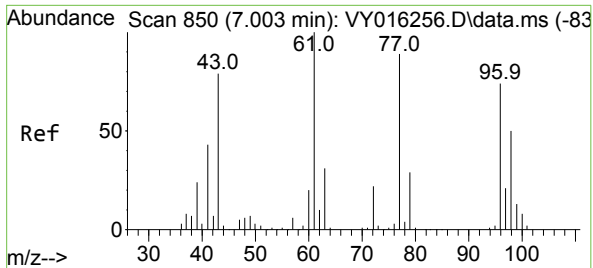
Tgt Ion: 43 Resp: 228426
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.553 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.019 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

Tgt Ion: 63 Resp: 57768
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.7 1.8 5.5

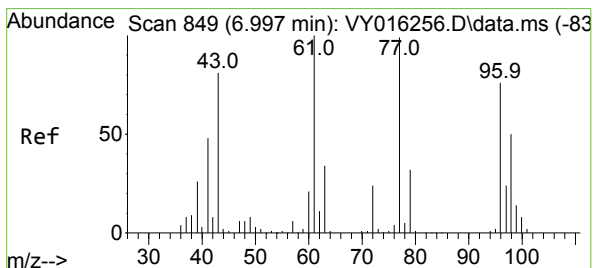
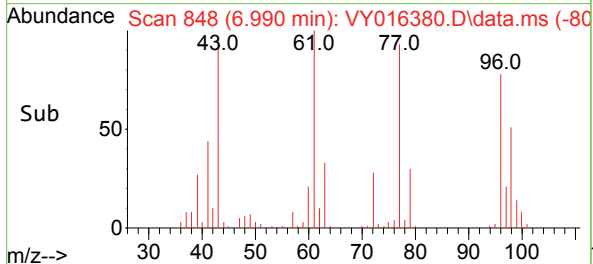
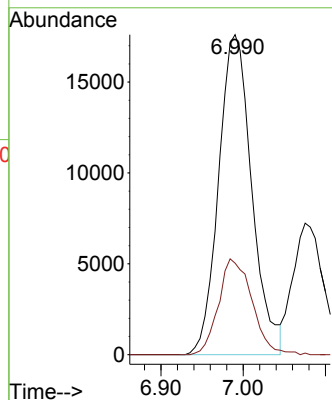
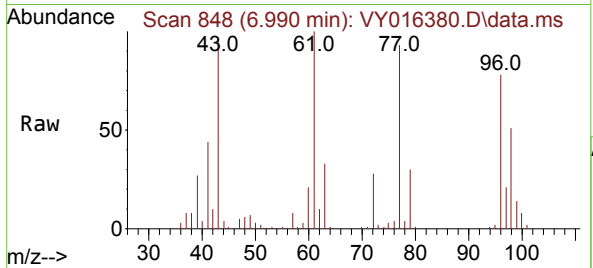




#25
2-Butanone
Concen: 120.514 ug/l
RT: 6.990 min Scan# 847
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

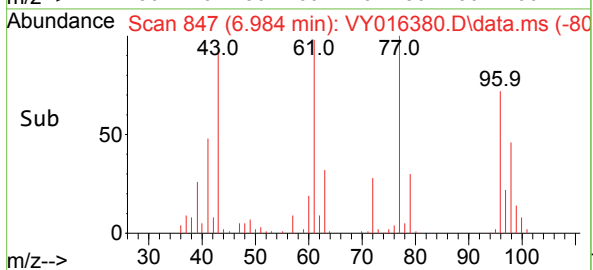
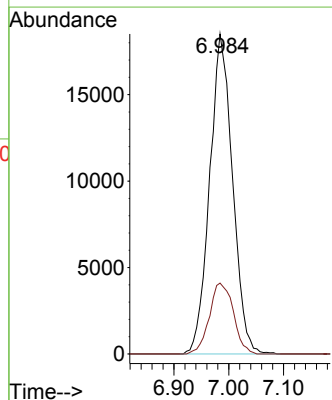
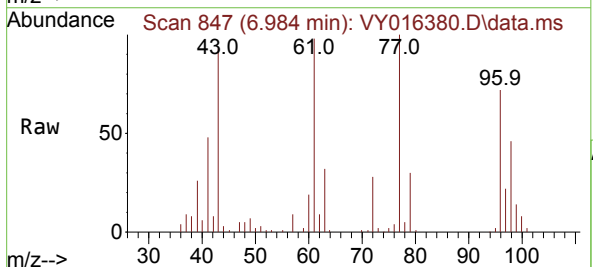
Instrument :
MSVOA_Y
ClientSampleId :

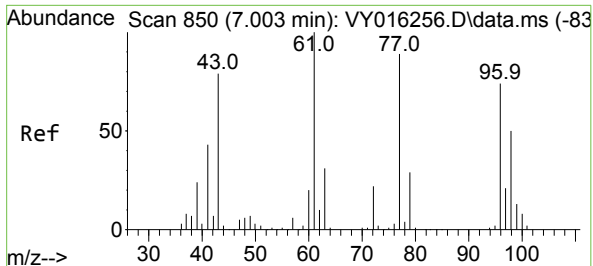
Tgt Ion: 43 Resp: 49452
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.973 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 77 Resp: 53707
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.538 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

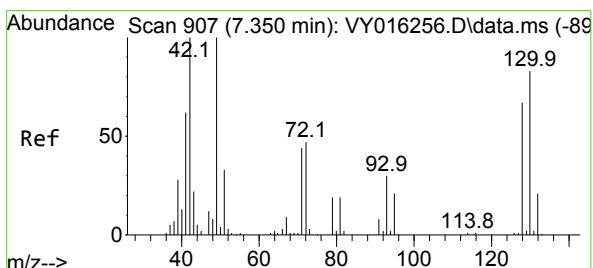
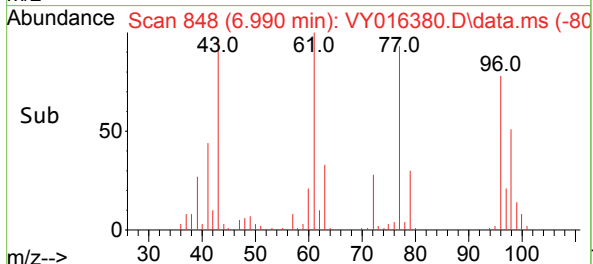
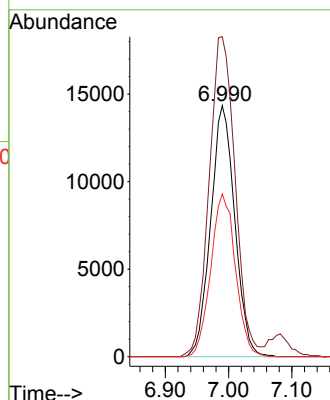
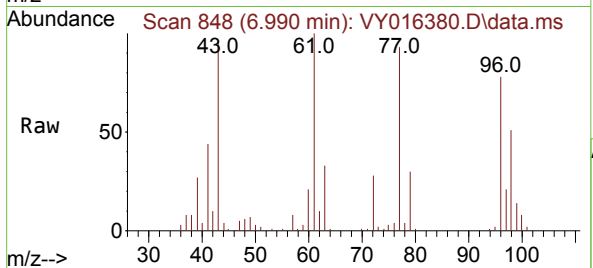
Tgt Ion: 96 Resp: 37964

Ion Ratio Lower Upper

96 100

61 137.1 0.0 301.4

98 66.2 0.0 130.4



#28

Bromochloromethane

Concen: 20.219 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

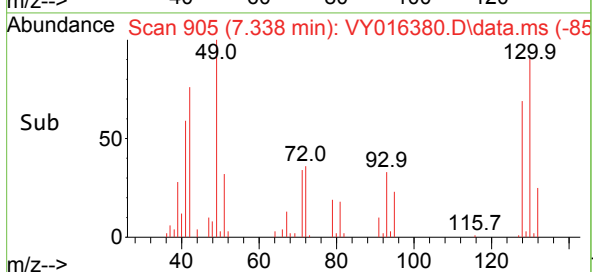
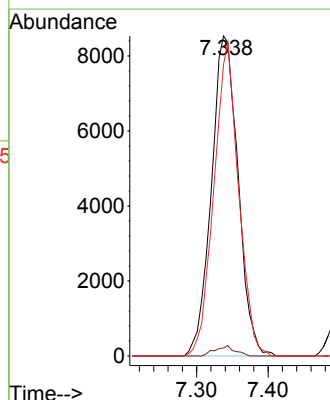
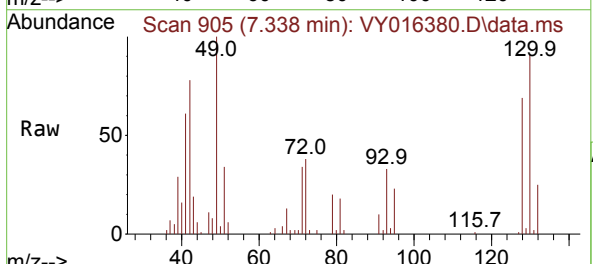
Tgt Ion: 49 Resp: 22109

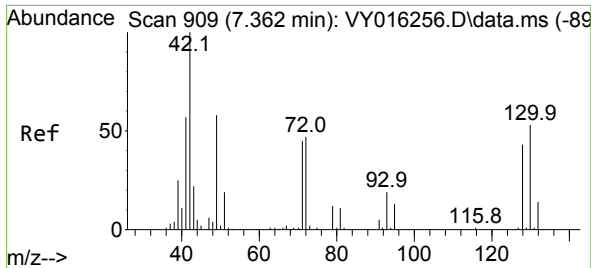
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.4 60.7 91.1

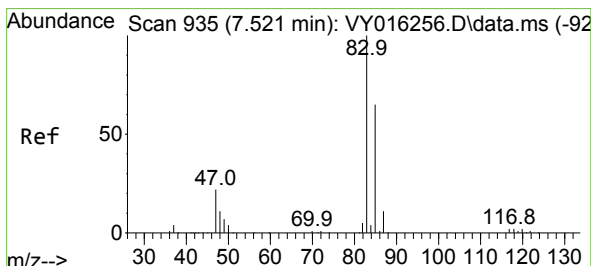
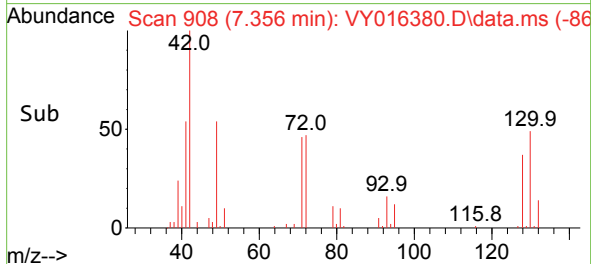
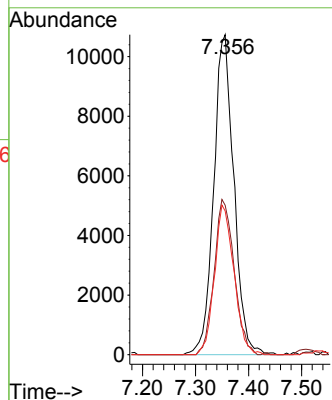
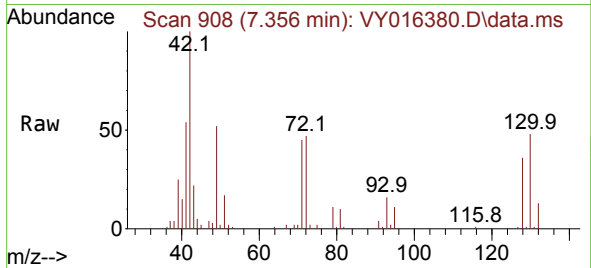




#29
Tetrahydrofuran
Concen: 104.401 ug/l
RT: 7.356 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

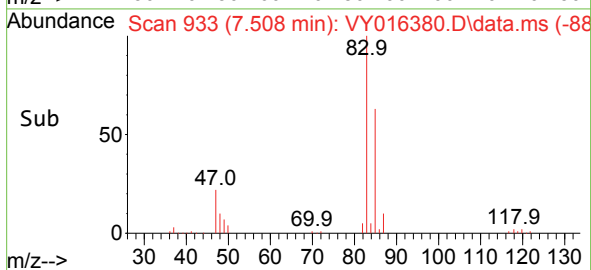
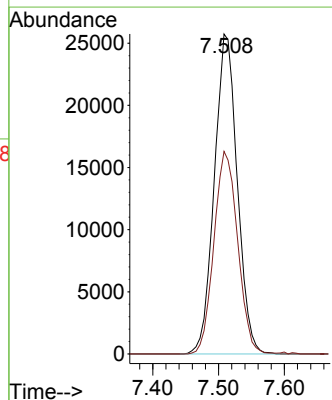
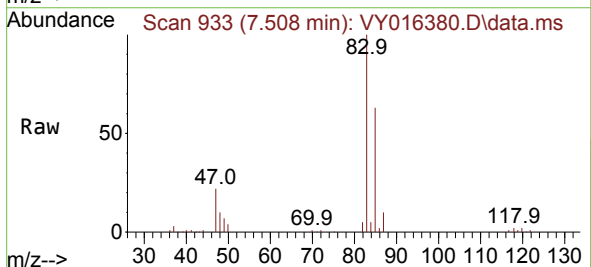
Instrument :
MSVOA_Y
ClientSampleId :

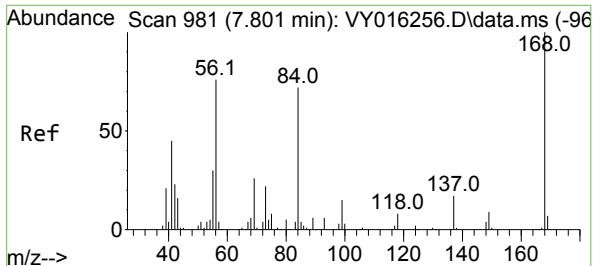
Tgt Ion: 42 Resp: 28316
Ion Ratio Lower Upper
42 100
72 48.4 32.8 49.2
71 45.3 31.0 46.4



#30
Chloroform
Concen: 20.325 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 83 Resp: 62505
Ion Ratio Lower Upper
83 100
85 63.3 49.7 74.5





#31

Cyclohexane

Concen: 17.548 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.013 min

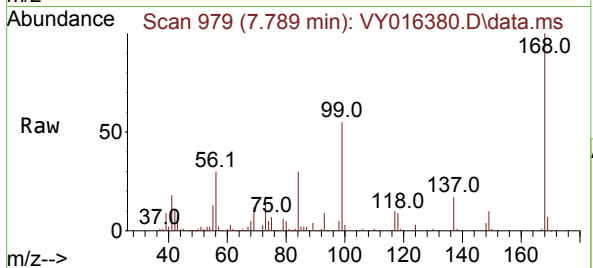
Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :



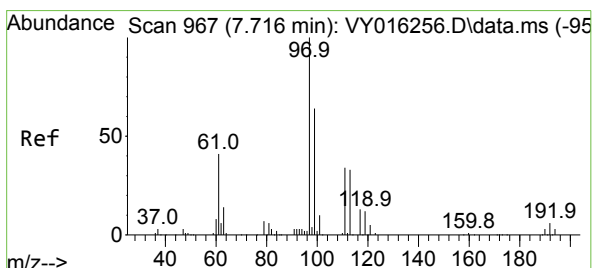
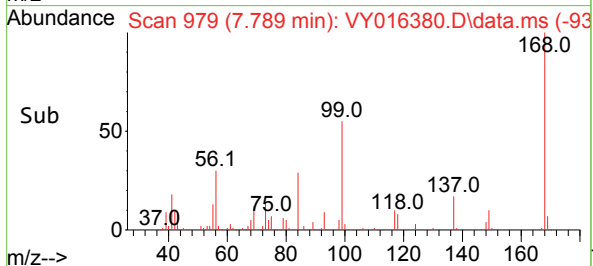
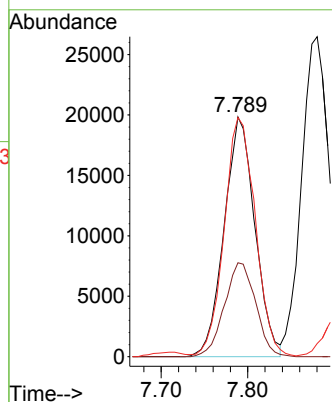
Tgt Ion: 56 Resp: 48931

Ion Ratio Lower Upper

56 100

69 39.2 27.8 41.6

84 98.4 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 20.216 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

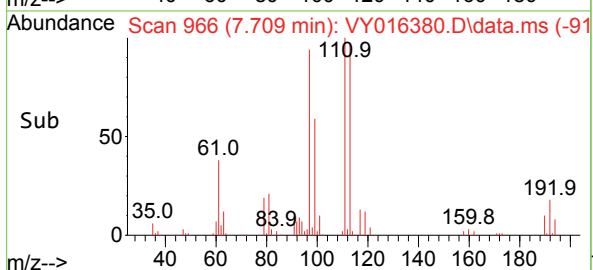
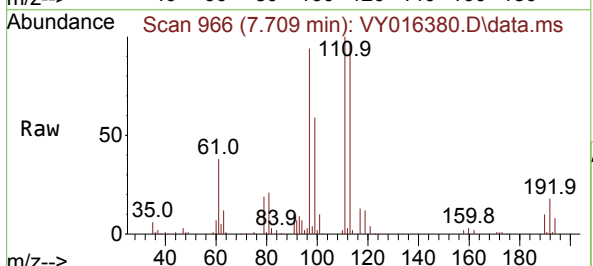
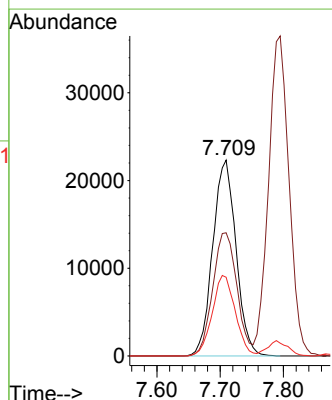
Tgt Ion: 97 Resp: 56988

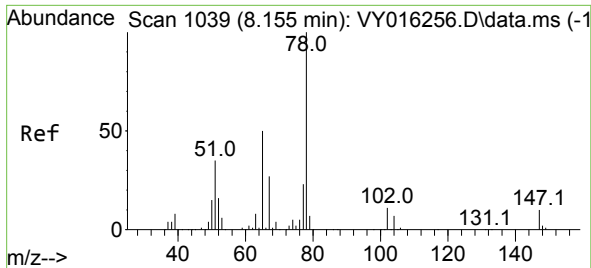
Ion Ratio Lower Upper

97 100

99 65.6 50.8 76.2

61 40.8 35.1 52.7

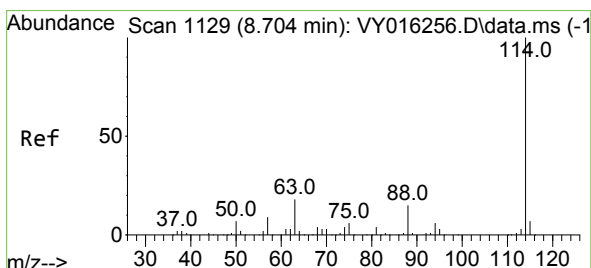
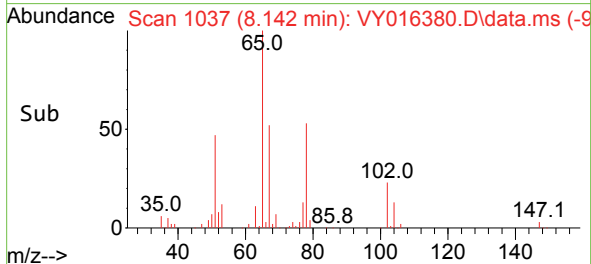
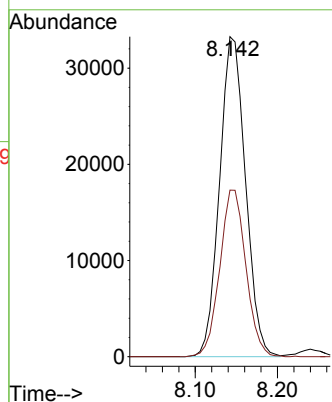
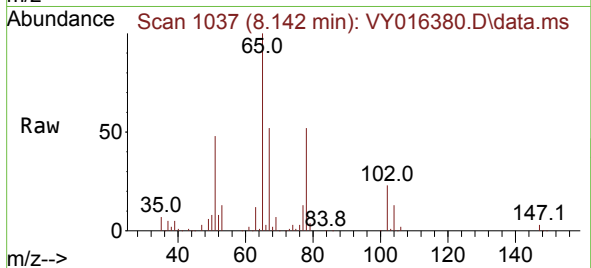




#33
 1,2-Dichloroethane-d4
 Concen: 51.460 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. -0.013 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

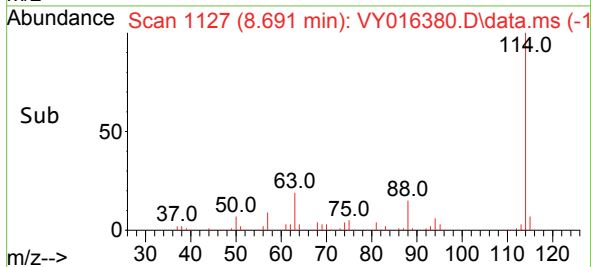
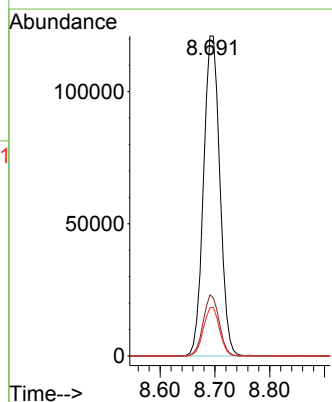
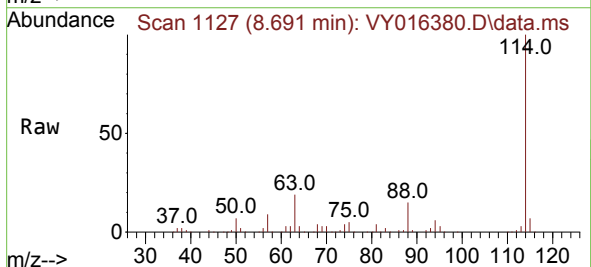
Instrument :
 MSVOA_Y
 ClientSampleId :

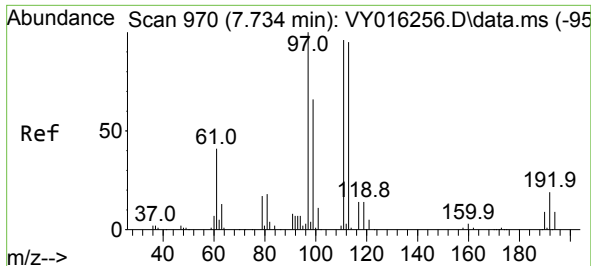
Tgt Ion: 65 Resp: 72883
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.013 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

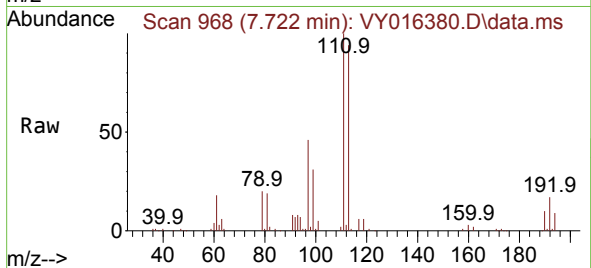
Tgt Ion:114 Resp: 249477
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 15.1 0.0 30.6



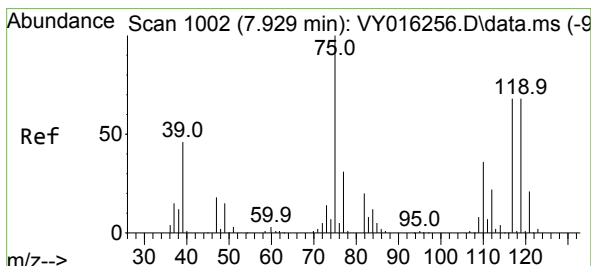
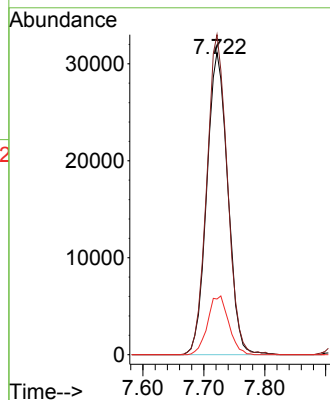
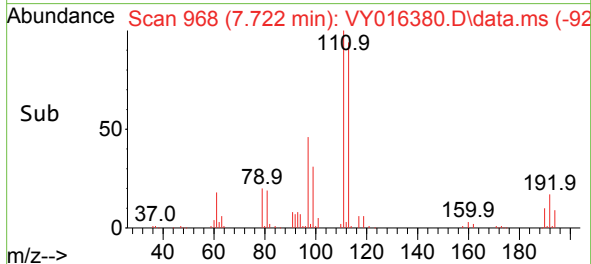


#35
Dibromofluoromethane
Concen: 52.706 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

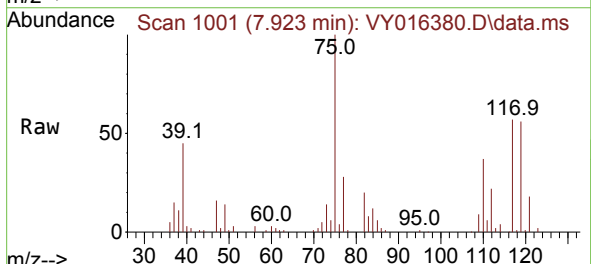
Instrument :
MSVOA_Y
ClientSampleId :



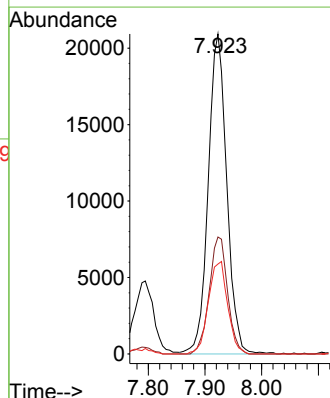
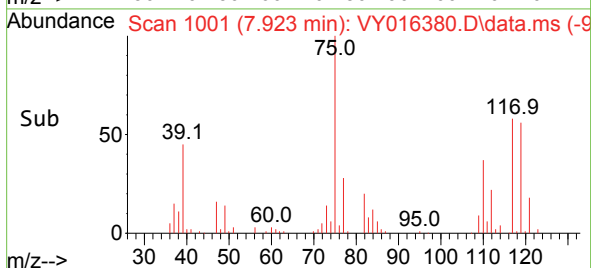
Tgt Ion:113 Resp: 74694
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.5 16.9 25.3

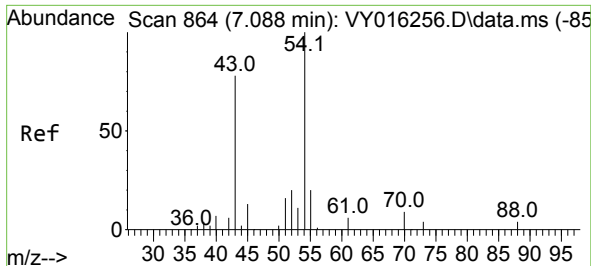


#36
1,1-Dichloropropene
Concen: 19.307 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05



Tgt Ion: 75 Resp: 47511
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 19.469 ug/l

RT: 7.075 min Scan# 8

Delta R.T. -0.013 min

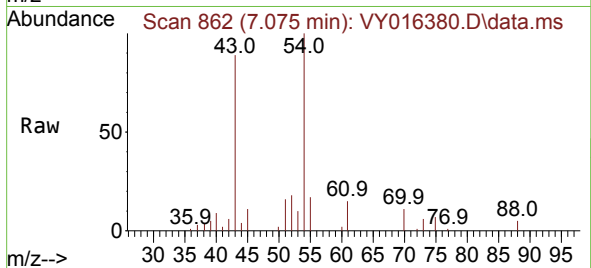
Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :



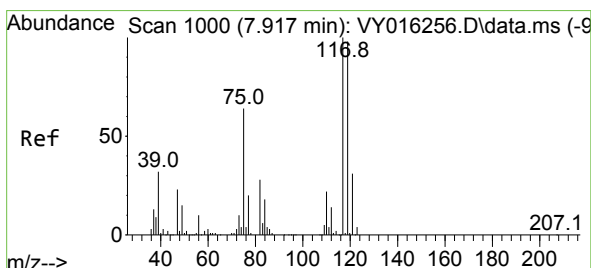
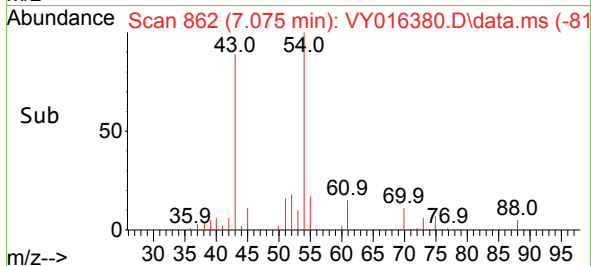
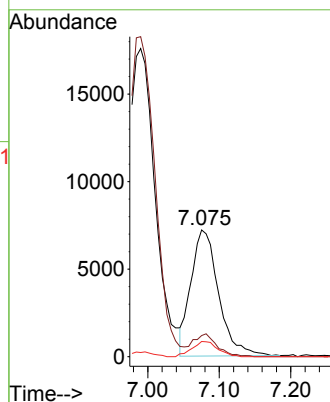
Tgt Ion: 43 Resp: 19358

Ion Ratio Lower Upper

43 100

61 15.9 10.1 15.1#

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.106 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

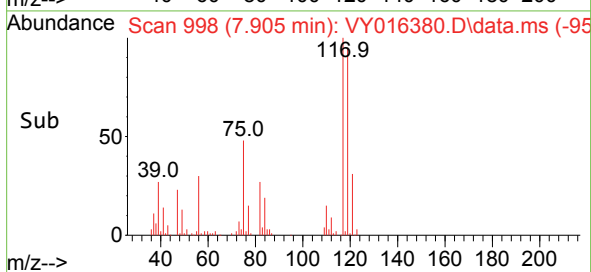
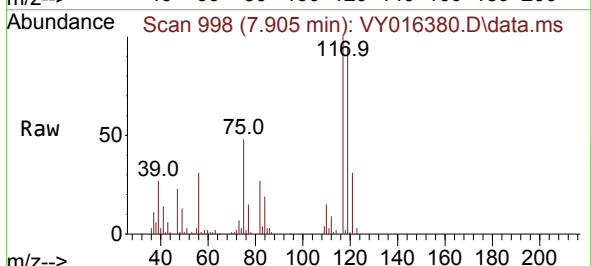
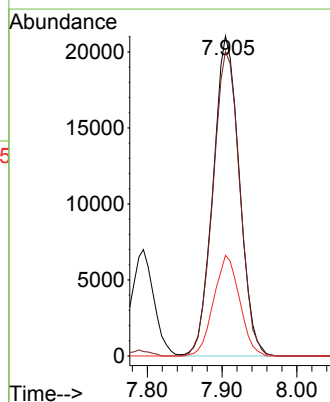
Tgt Ion: 117 Resp: 51349

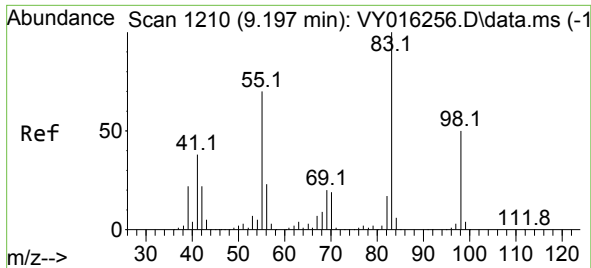
Ion Ratio Lower Upper

117 100

119 95.2 76.4 114.6

121 31.5 25.8 38.6

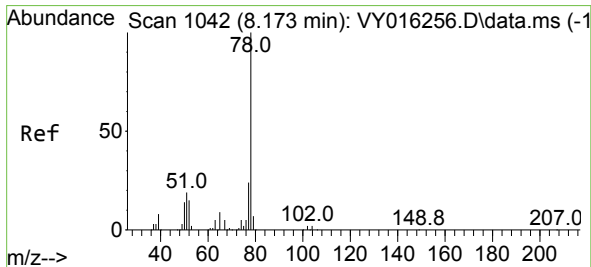
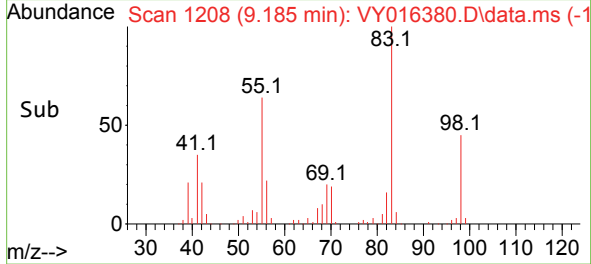
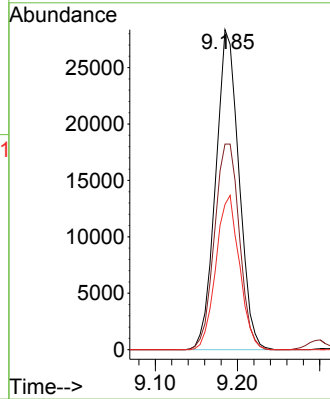
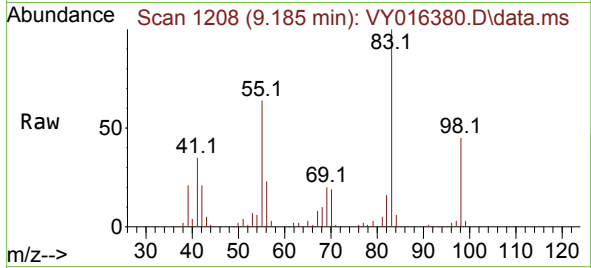




#39
Methylcyclohexane
Concen: 18.217 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

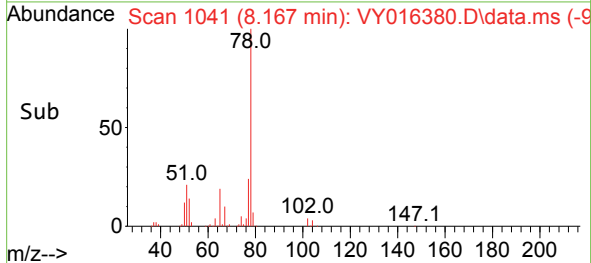
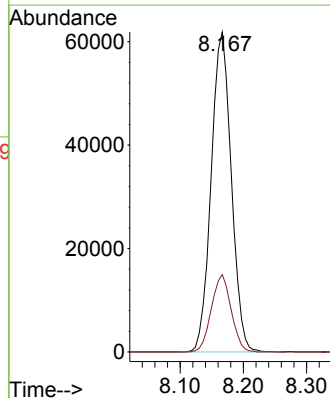
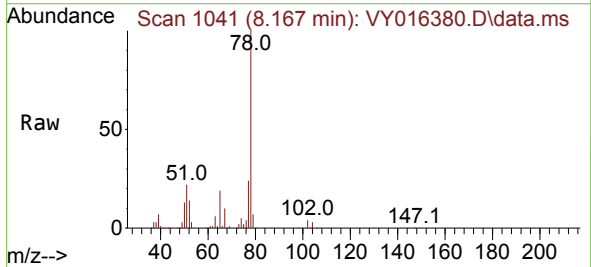
Instrument :
MSVOA_Y
ClientSampleId :

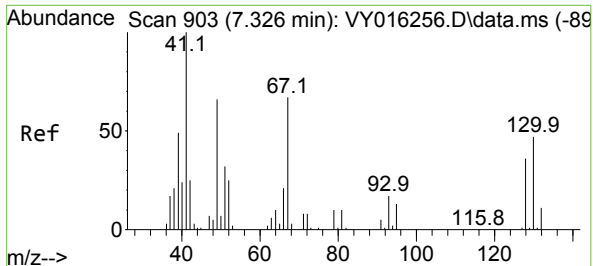
Tgt Ion: 83 Resp: 55859
Ion Ratio Lower Upper
83 100
55 64.3 63.0 94.4
98 45.4 37.4 56.2



#40
Benzene
Concen: 19.746 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

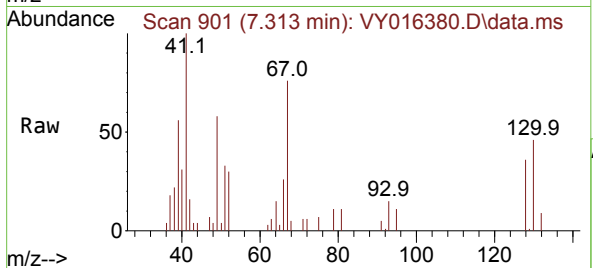
Tgt Ion: 78 Resp: 136517
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



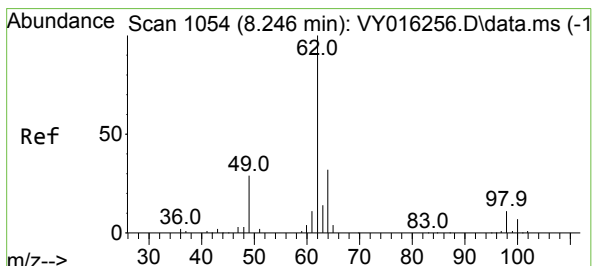
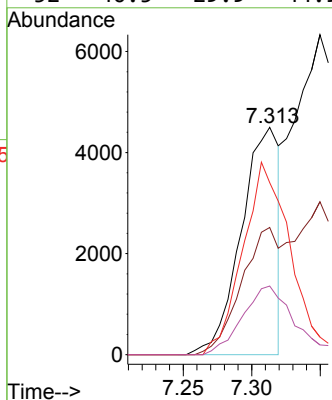
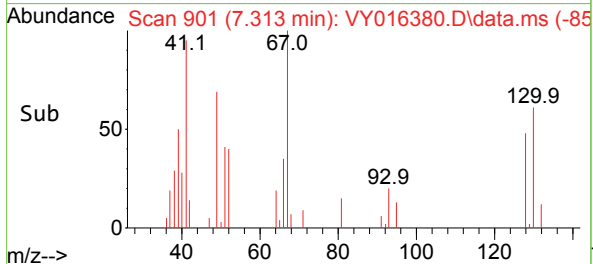


#41
Methacrylonitrile
Concen: 17.362 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

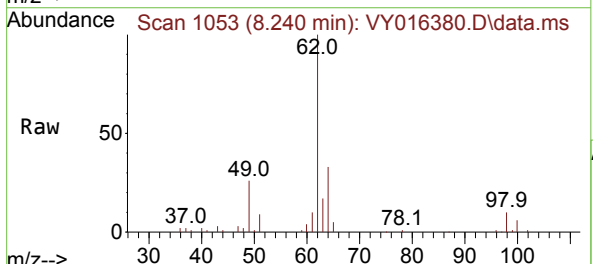
Instrument :
MSVOA_Y
ClientSampleId :



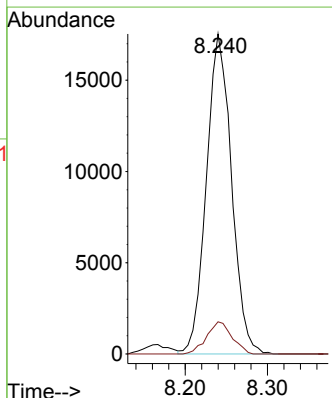
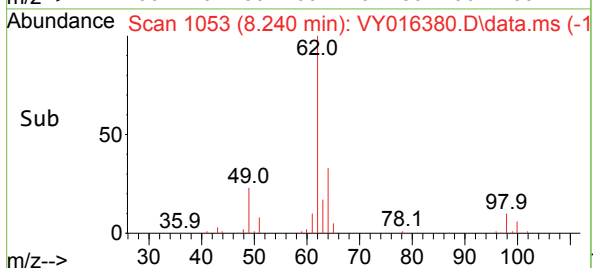
Tgt Ion: 41 Resp: 8704
Ion Ratio Lower Upper
41 100
39 54.7 52.1 78.1
67 105.2 66.2 99.2#
52 40.5 29.9 44.9

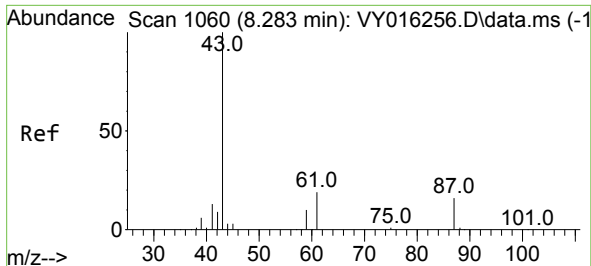


#42
1,2-Dichloroethane
Concen: 20.782 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05



Tgt Ion: 62 Resp: 37229
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8

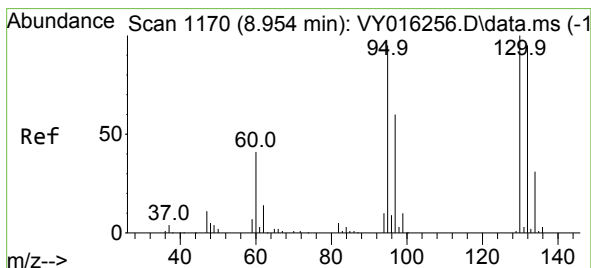
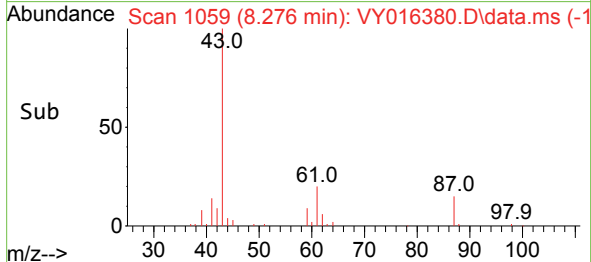
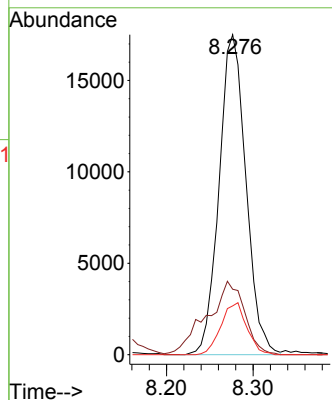
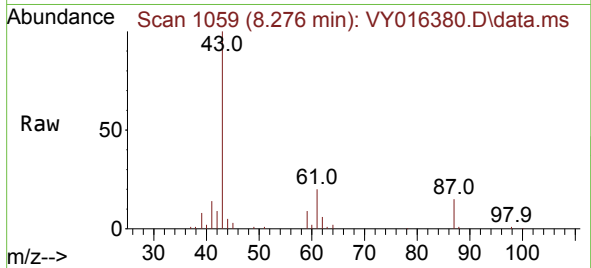




#43
Isopropyl Acetate
Concen: 19.602 ug/l
RT: 8.276 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

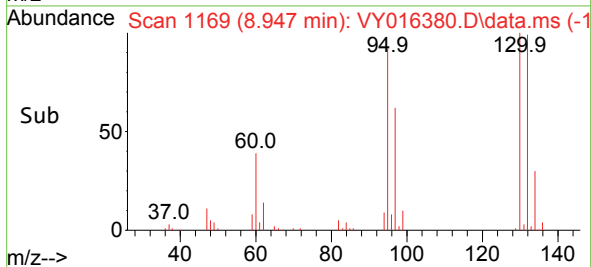
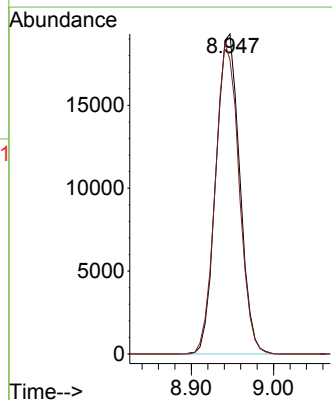
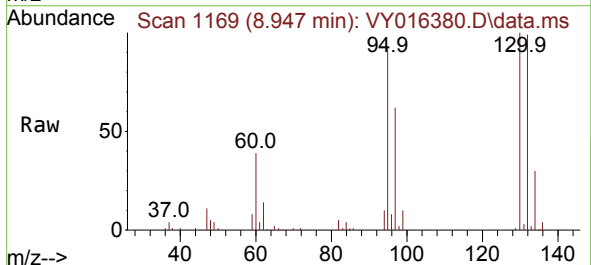
Instrument :
MSVOA_Y
ClientSampleId :

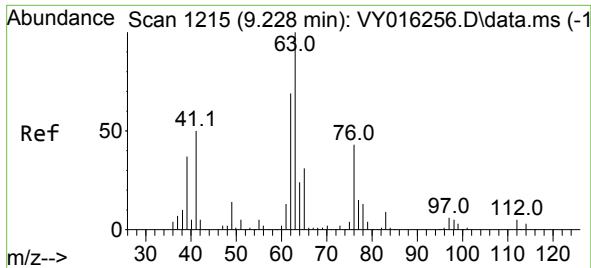
Tgt Ion: 43 Resp: 37674
Ion Ratio Lower Upper
43 100
61 32.3 21.1 31.7#
87 15.6 9.8 14.8#



#44
Trichloroethene
Concen: 19.531 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 130 Resp: 38809
Ion Ratio Lower Upper
130 100
95 91.9 0.0 196.0

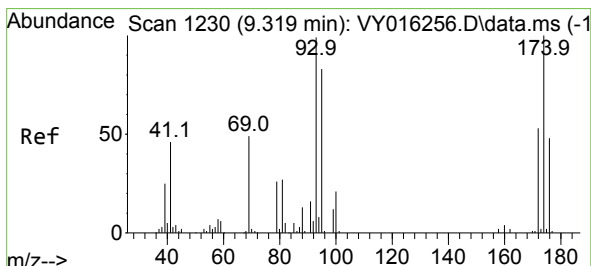
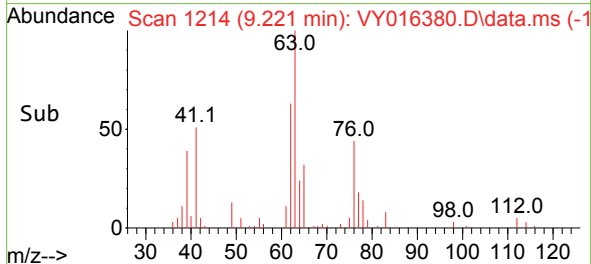
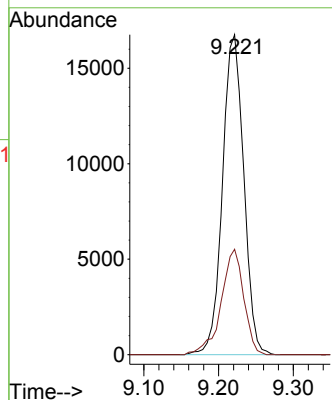
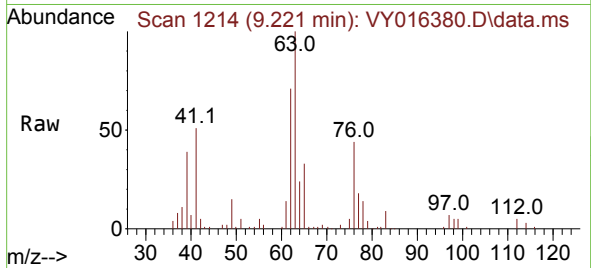




#45
1,2-Dichloropropane
Concen: 19.978 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

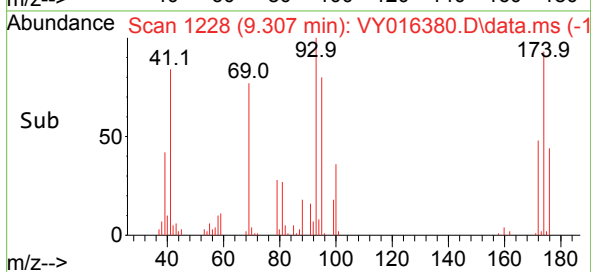
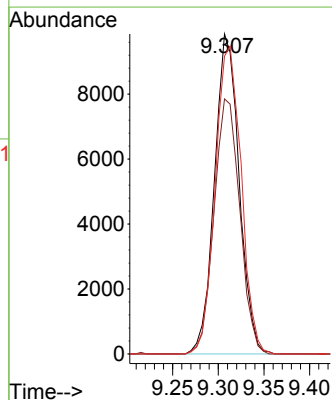
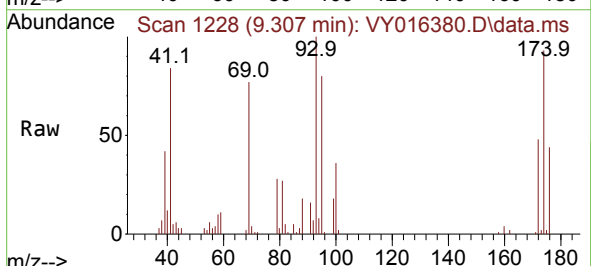
Instrument :
MSVOA_Y
ClientSampleId :

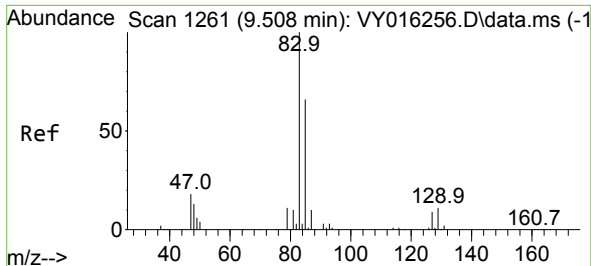
Tgt Ion: 63 Resp: 33172
Ion Ratio Lower Upper
63 100
65 33.0 23.8 35.6



#46
Dibromomethane
Concen: 20.530 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.013 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 93 Resp: 18472
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 101.0 84.8 127.2

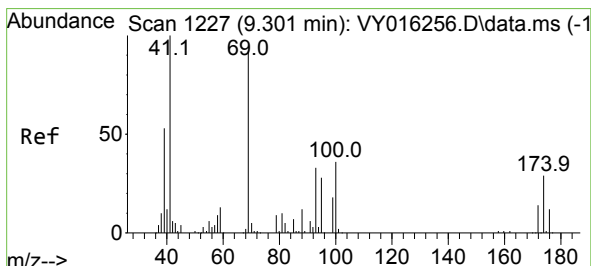
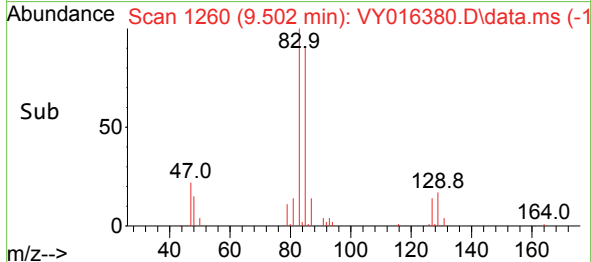
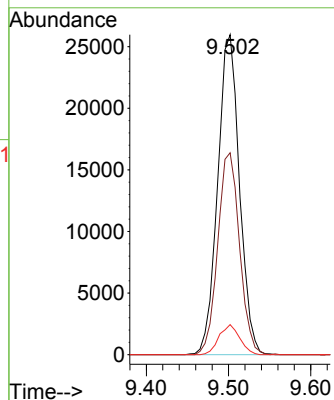
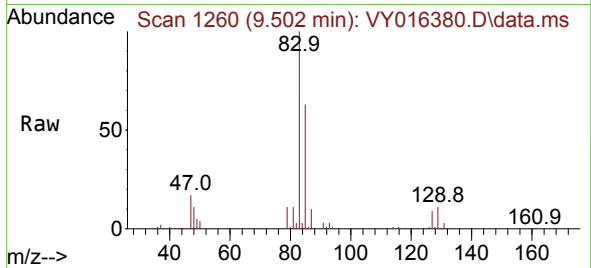




#47
Bromodichloromethane
Concen: 20.662 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

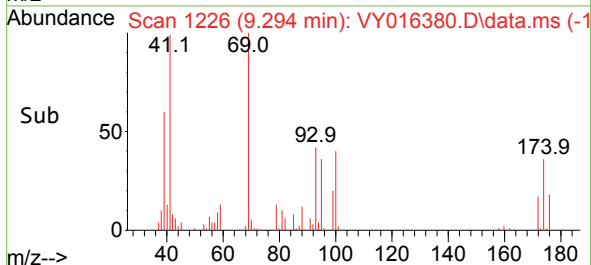
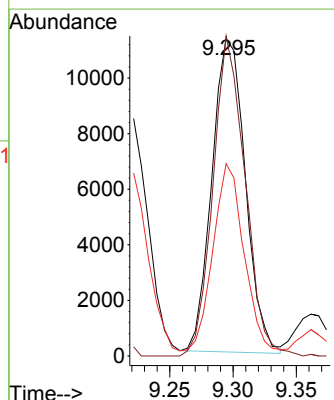
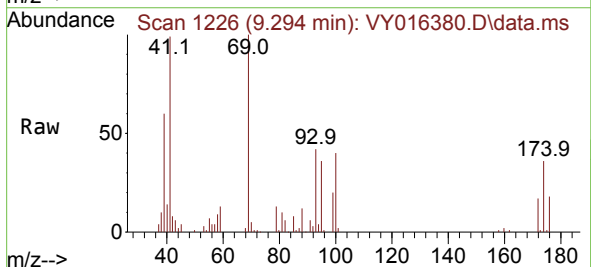
Instrument :
MSVOA_Y
ClientSampleId :

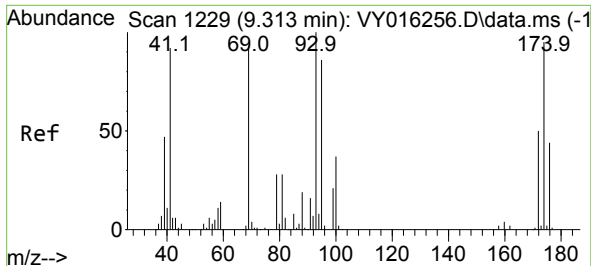
Tgt Ion: 83 Resp: 47796
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 19.508 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 41 Resp: 20721
Ion Ratio Lower Upper
41 100
69 97.9 64.5 96.7#
39 55.6 50.8 76.2





#49

1,4-Dioxane

Concen: 417.486 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.013 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

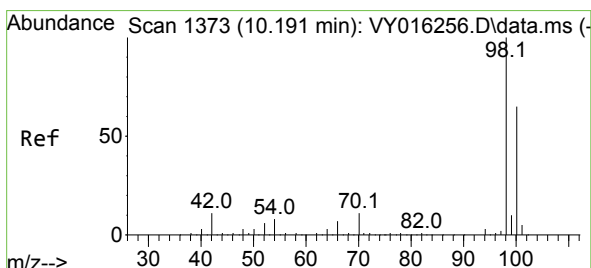
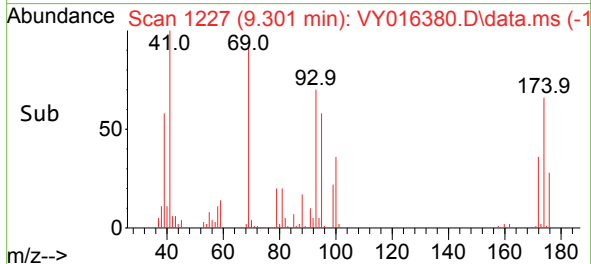
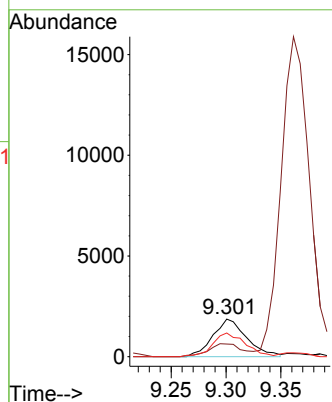
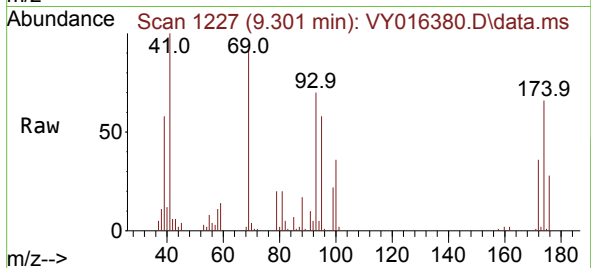
Tgt Ion: 88 Resp: 3988

Ion Ratio Lower Upper

88 100

43 34.7 0.0 0.0#

58 61.1 30.9 46.3#



#50

Toluene-d8

Concen: 50.386 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.007 min

Lab File: VY016380.D

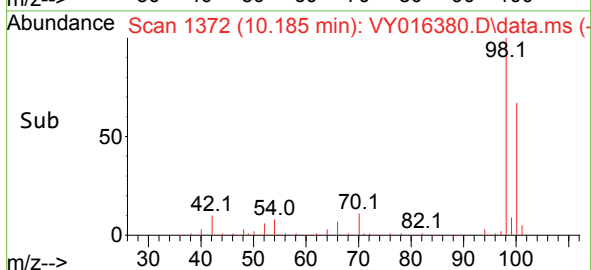
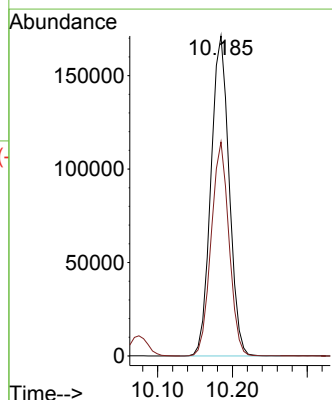
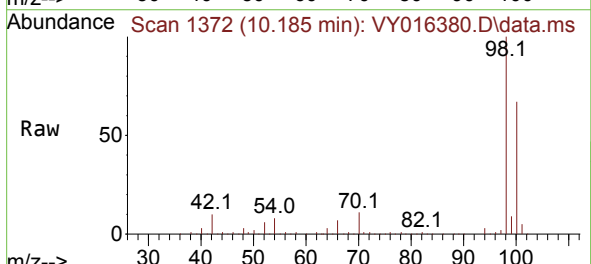
Acq: 16 Nov 2023 11:05

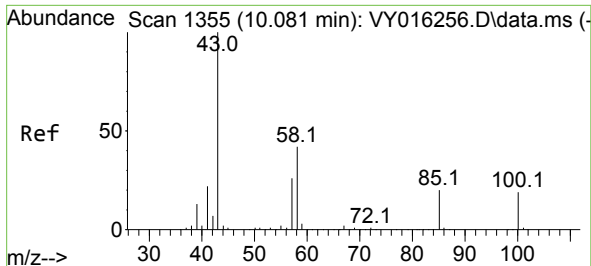
Tgt Ion: 98 Resp: 289566

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 105.005 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

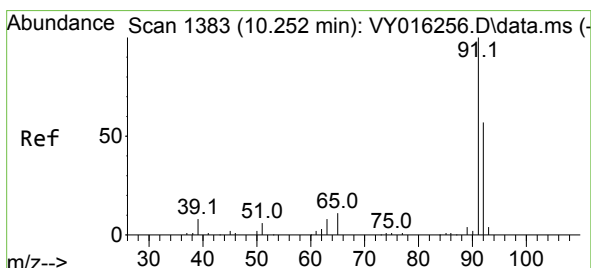
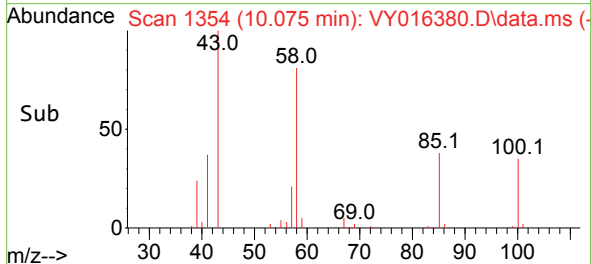
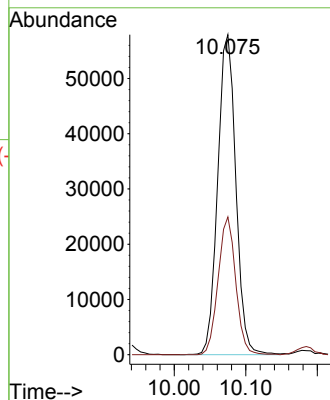
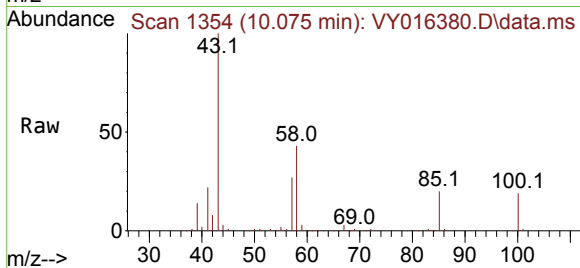
ClientSampleId :

Tgt Ion: 43 Resp: 102053

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 19.761 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.007 min

Lab File: VY016380.D

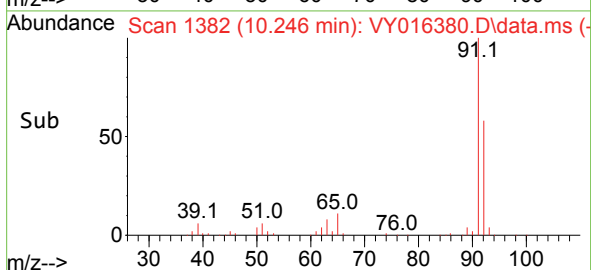
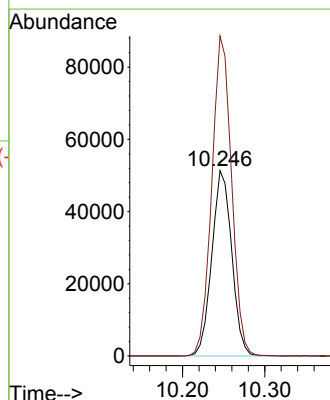
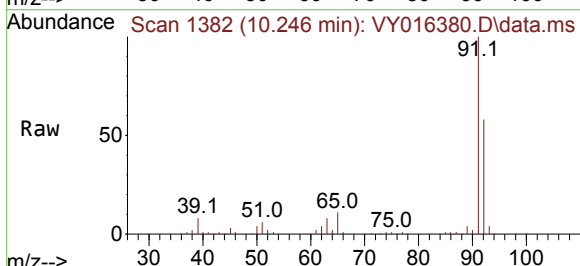
Acq: 16 Nov 2023 11:05

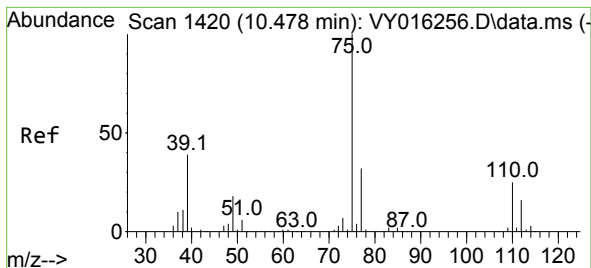
Tgt Ion: 92 Resp: 86361

Ion Ratio Lower Upper

92 100

91 171.5 143.8 215.6

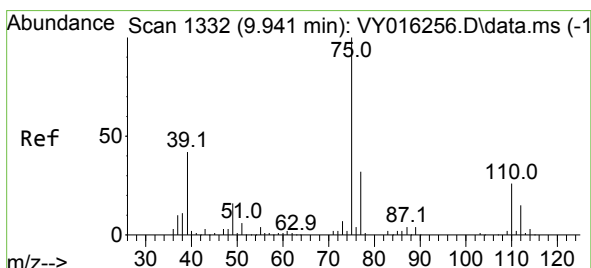
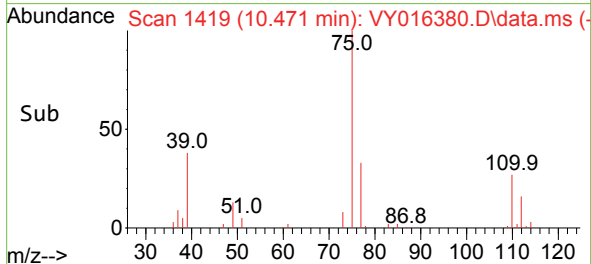
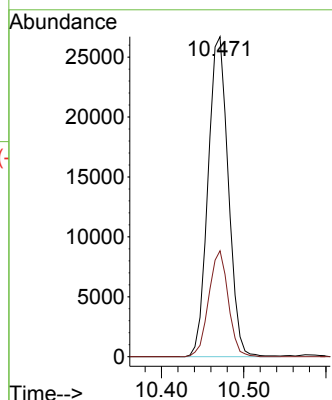
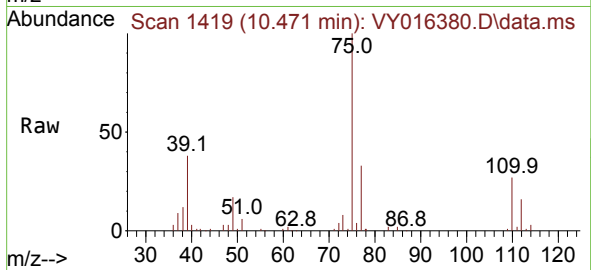




#53
 t-1,3-Dichloropropene
 Concen: 20.352 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.007 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

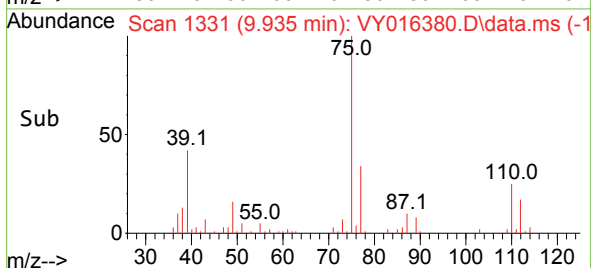
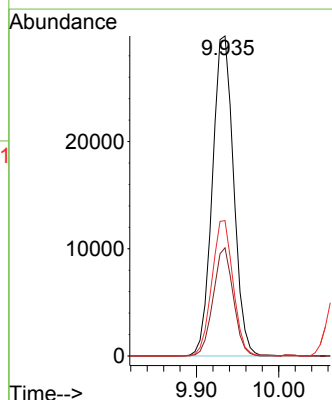
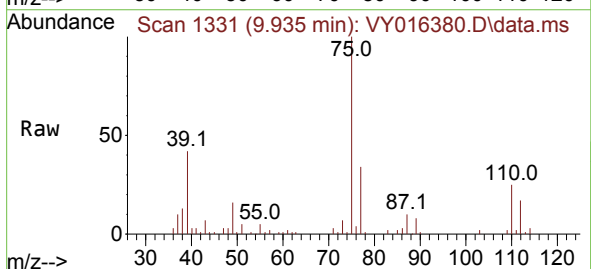
Instrument :
 MSVOA_Y
 ClientSampleId :

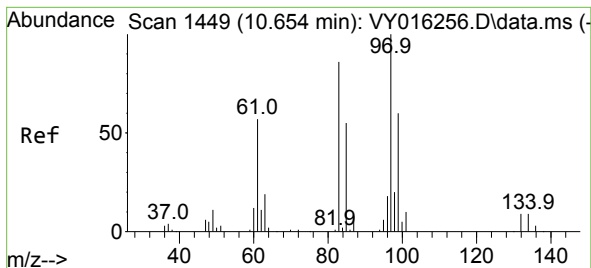
Tgt Ion: 75 Resp: 45640
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.003 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.007 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

Tgt Ion: 75 Resp: 53577
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.2 36.4
 39 42.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.398 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.007 min

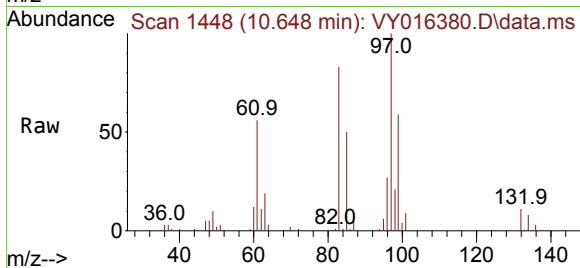
Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 26537

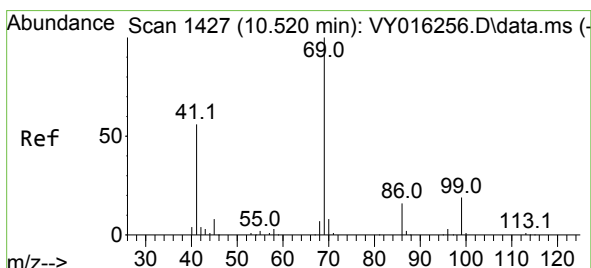
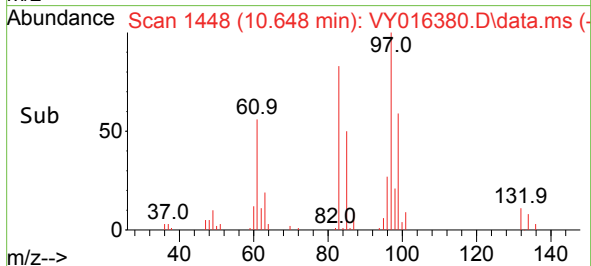
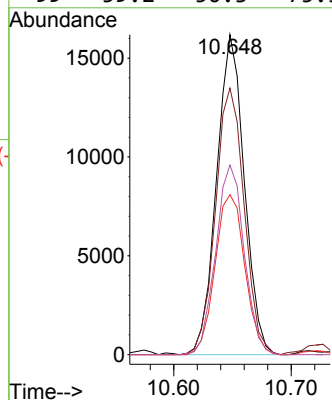
Ion Ratio Lower Upper

97 100

83 83.3 72.0 108.0

85 50.0 45.4 68.0

99 59.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.573 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

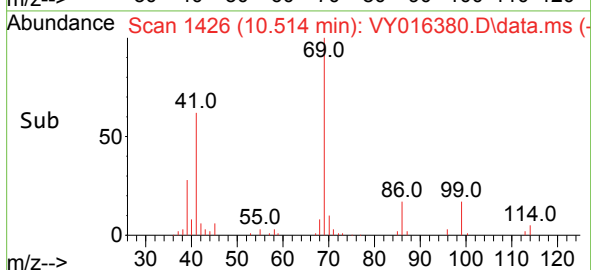
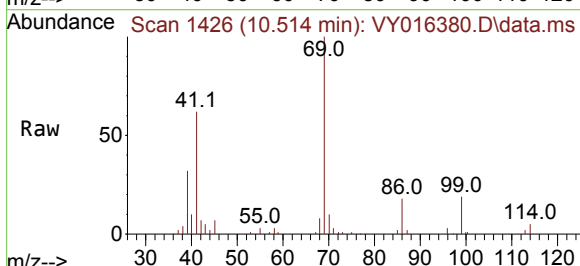
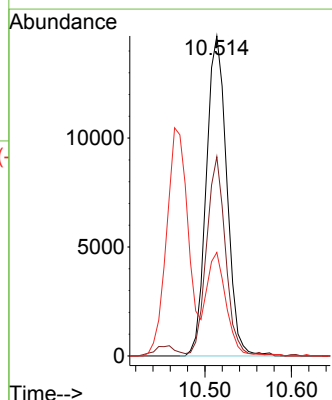
Tgt Ion: 69 Resp: 24084

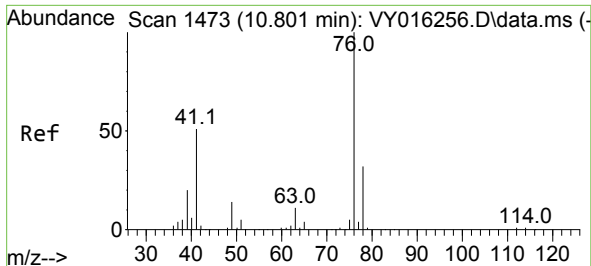
Ion Ratio Lower Upper

69 100

41 58.6 57.6 86.4

39 29.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 21.007 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

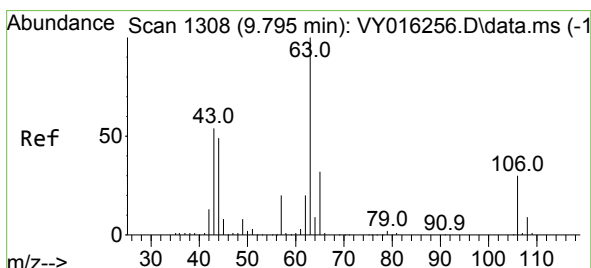
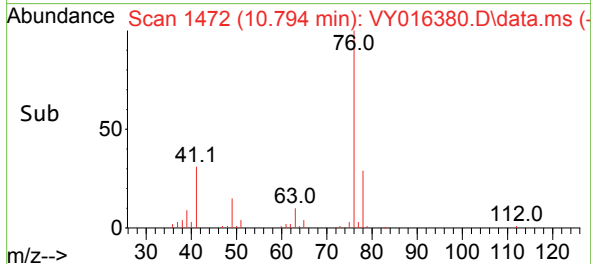
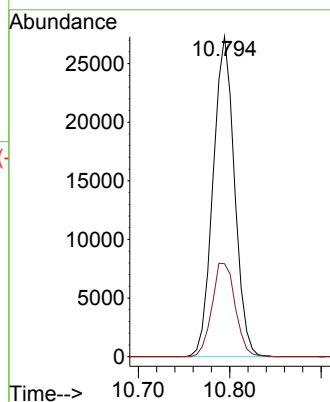
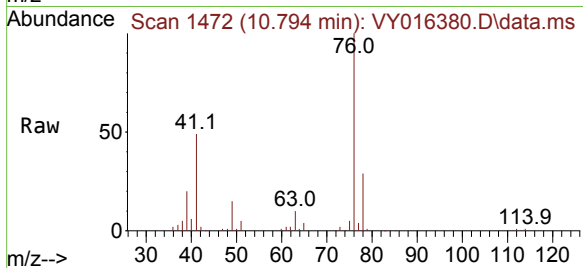
ClientSampleId :

Tgt Ion: 76 Resp: 44407

Ion Ratio Lower Upper

76 100

78 31.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 101.983 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.007 min

Lab File: VY016380.D

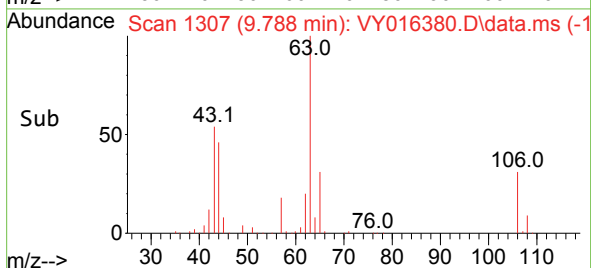
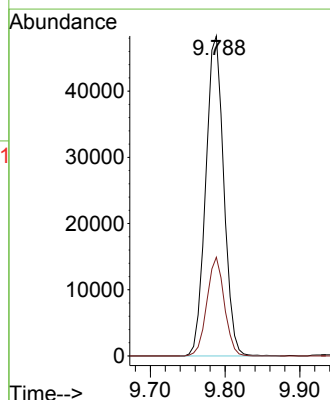
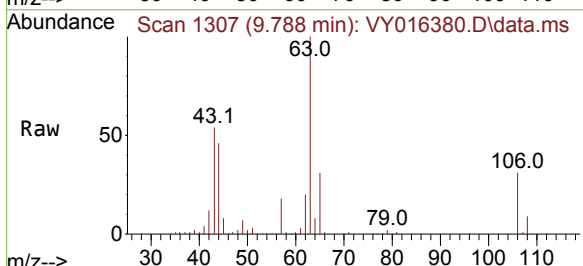
Acq: 16 Nov 2023 11:05

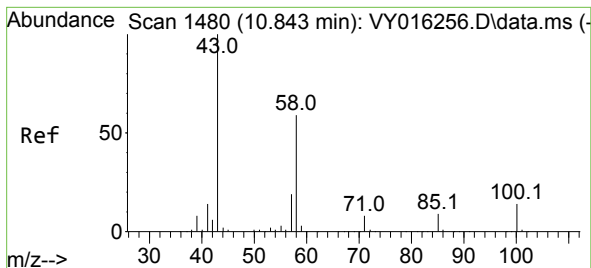
Tgt Ion: 63 Resp: 80954

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

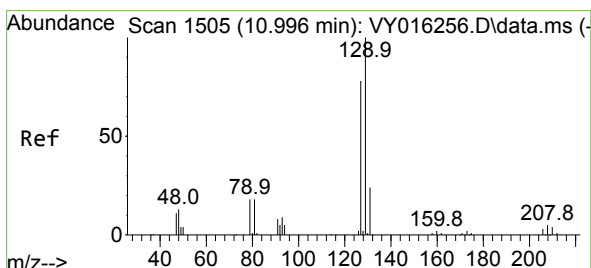
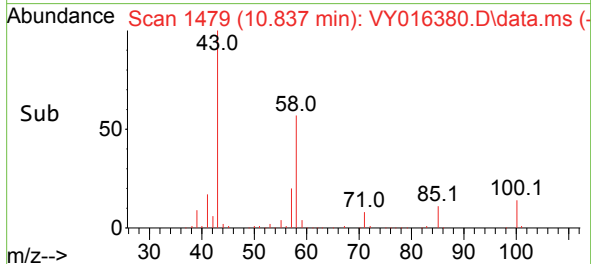
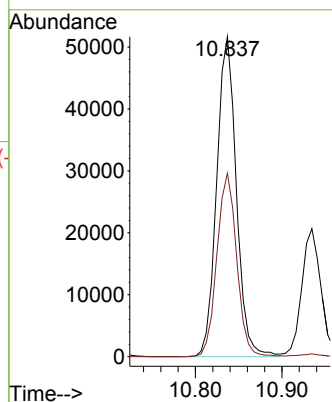
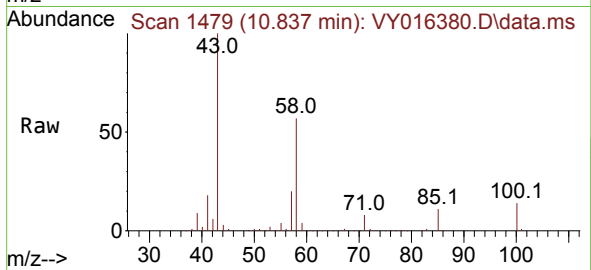




#59
2-Hexanone
Concen: 112.796 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

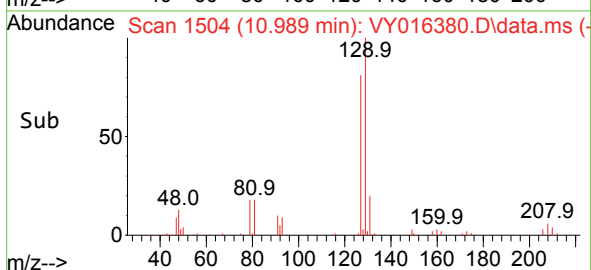
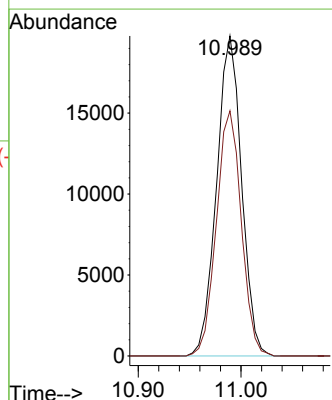
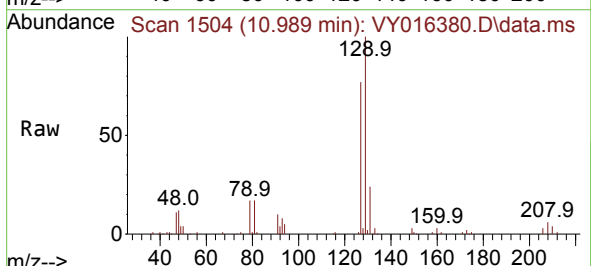
Instrument :
MSVOA_Y
ClientSampleId :

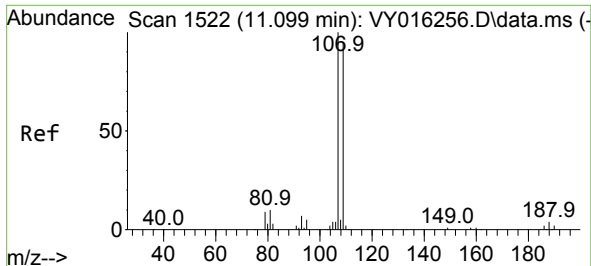
Tgt Ion: 43 Resp: 81541
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 21.522 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

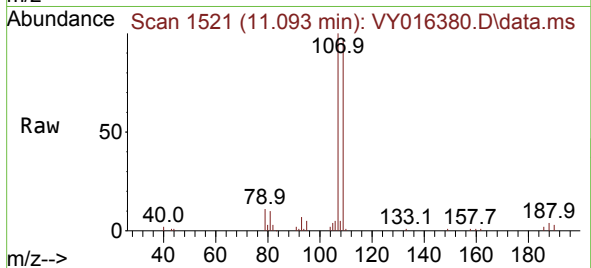
Tgt Ion: 129 Resp: 33381
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5



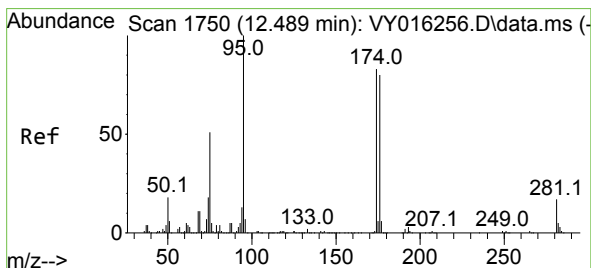
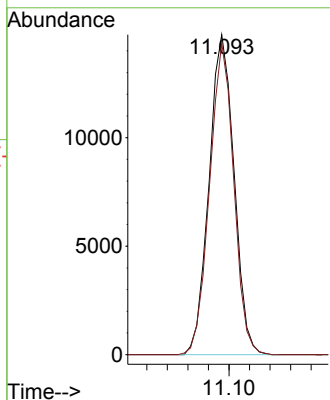
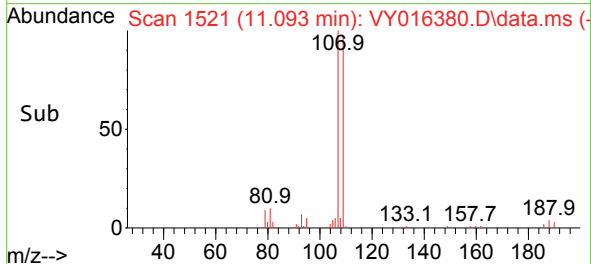


#61
1,2-Dibromoethane
Concen: 21.054 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

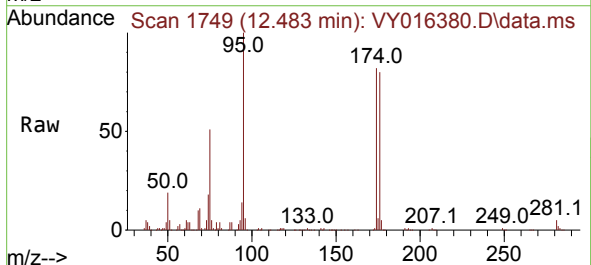
Instrument :
MSVOA_Y
ClientSampleId :



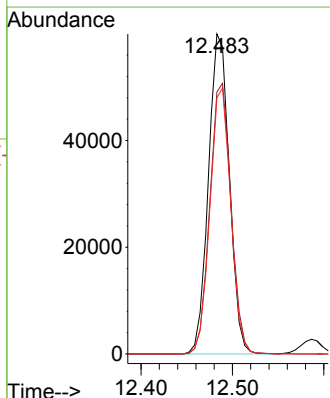
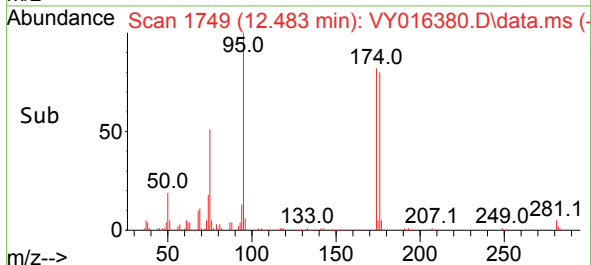
Tgt Ion:107 Resp: 24876
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05



Tgt Ion: 95 Resp: 94926
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016380.D

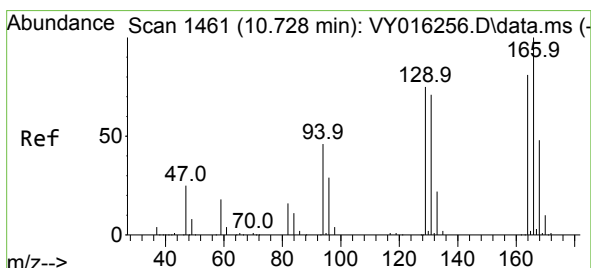
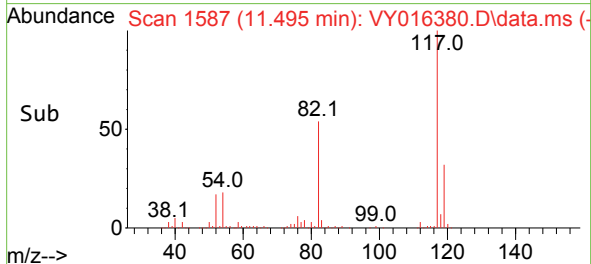
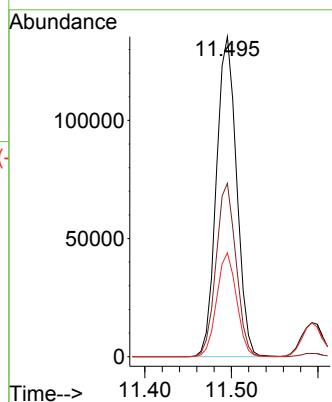
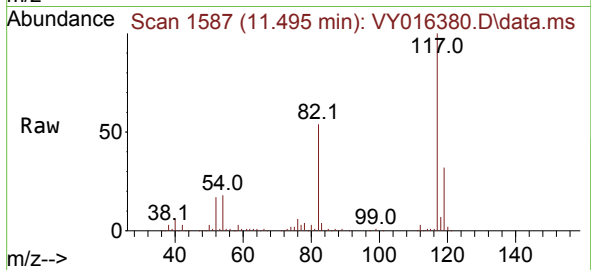
Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	219559
Ion	Ratio	Lower Upper
117	100	
82	54.2	43.4 65.0
119	32.4	26.3 39.5



#64

Tetrachloroethene

Concen: 19.495 ug/l

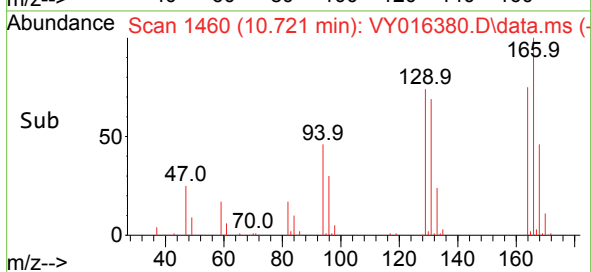
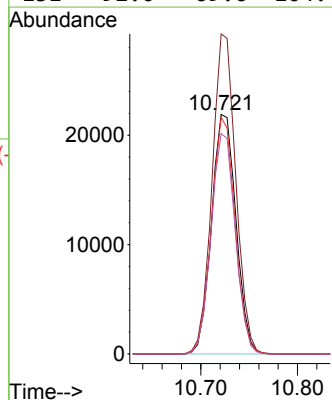
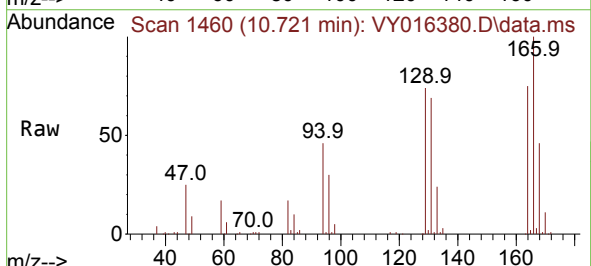
RT: 10.721 min Scan# 1460

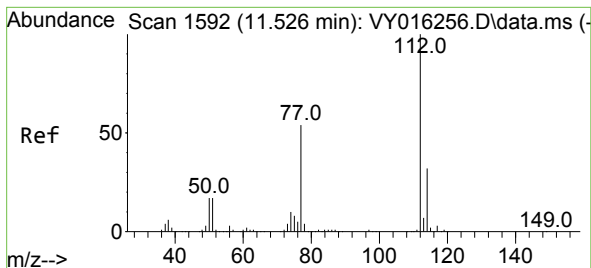
Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Tgt Ion:164	Resp:	38433
Ion	Ratio	Lower Upper
164	100	
166	133.6	103.0 154.6
129	98.8	77.2 115.8
131	92.0	69.6 104.4





#65

Chlorobenzene

Concen: 20.118 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

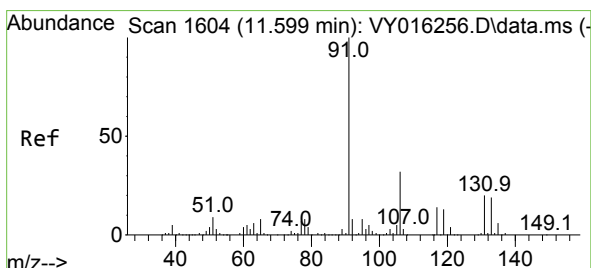
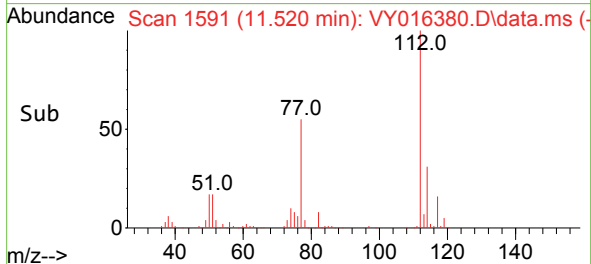
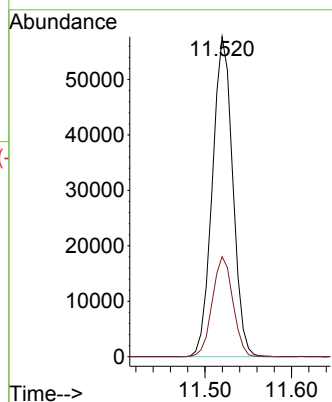
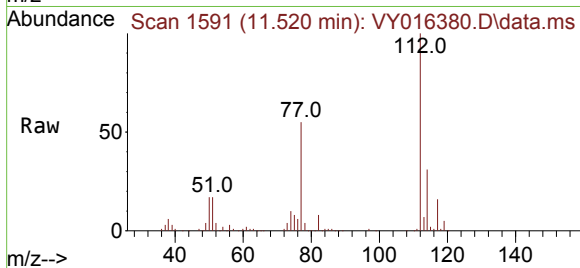
ClientSampleId :

Tgt Ion:112 Resp: 94370

Ion Ratio Lower Upper

112 100

114 31.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.317 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

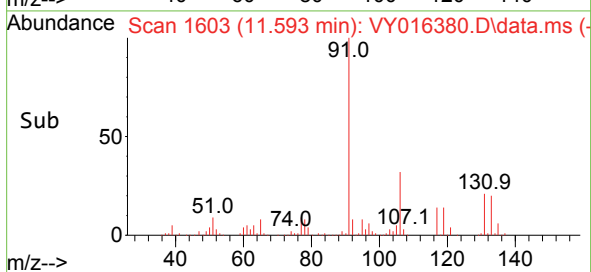
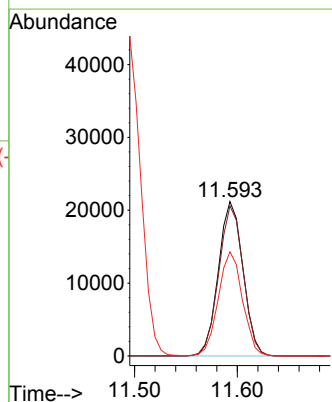
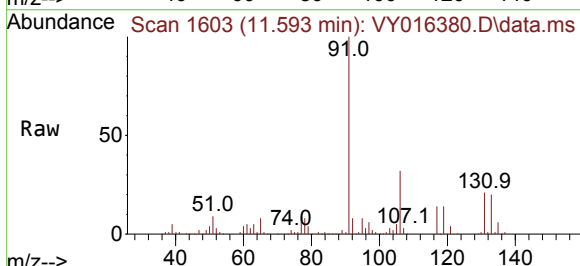
Tgt Ion:131 Resp: 35152

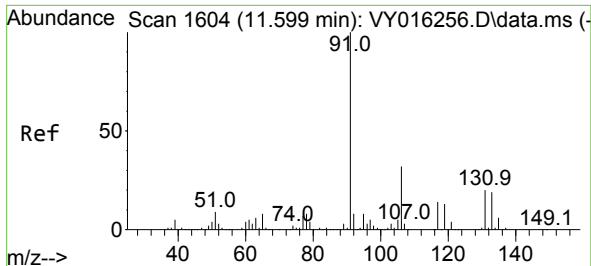
Ion Ratio Lower Upper

131 100

133 97.1 47.5 142.6

119 66.6 31.6 94.7





#67

Ethyl Benzene

Concen: 19.687 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

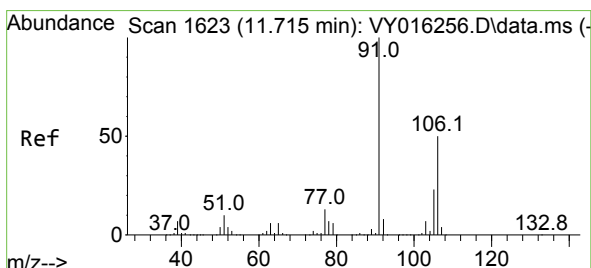
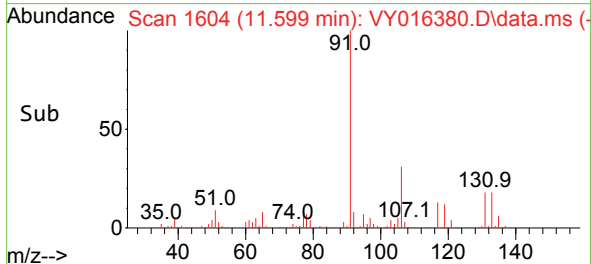
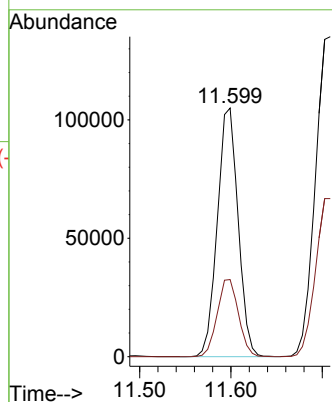
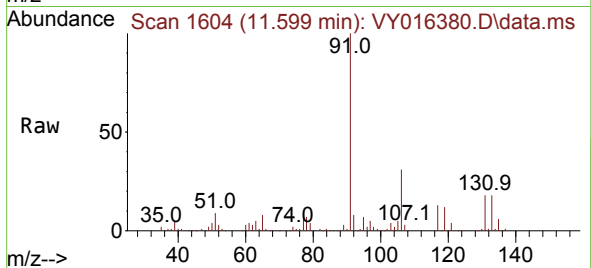
ClientSampleId :

Tgt Ion: 91 Resp: 165967

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 39.392 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.013 min

Lab File: VY016380.D

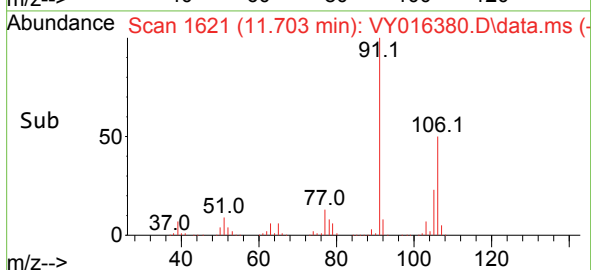
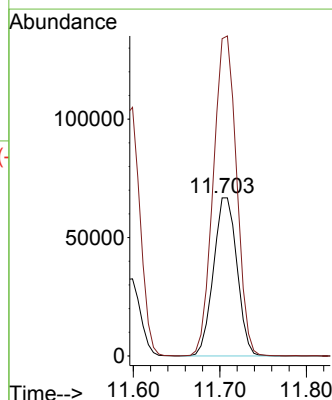
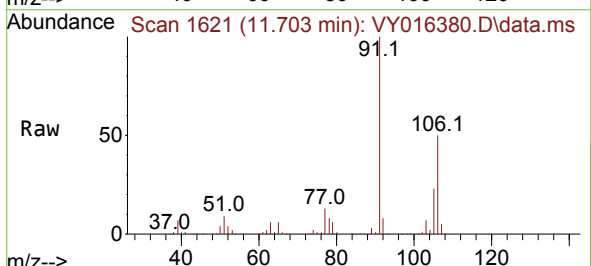
Acq: 16 Nov 2023 11:05

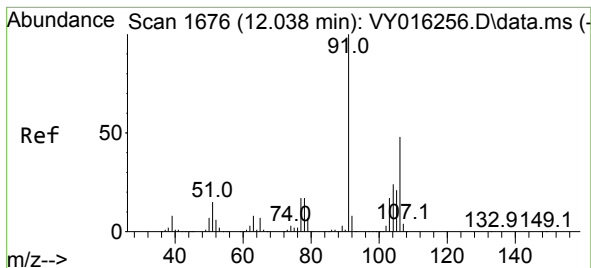
Tgt Ion:106 Resp: 125960

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1





#69

o-Xylene

Concen: 19.895 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

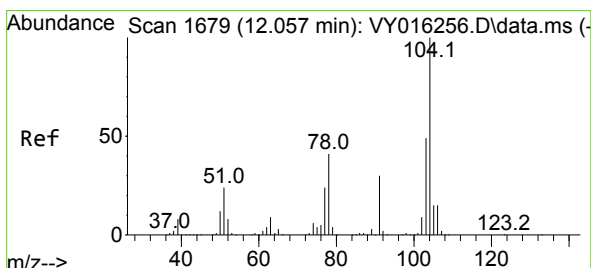
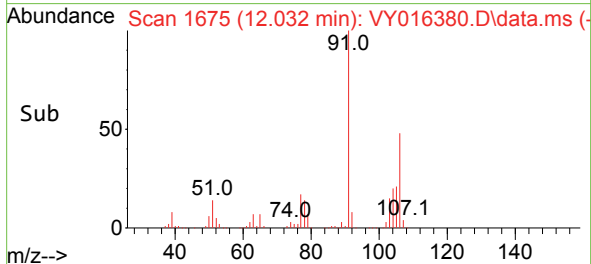
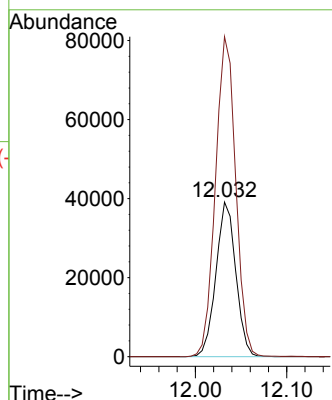
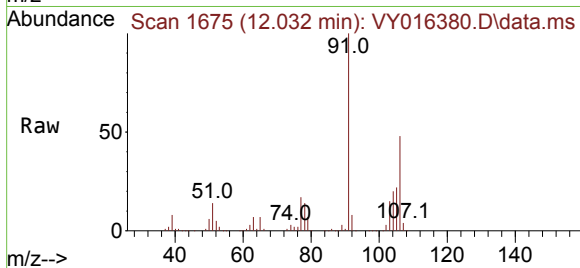
ClientSampleId :

Tgt Ion:106 Resp: 59064

Ion Ratio Lower Upper

106 100

91 211.1 108.1 324.3



#70

Styrene

Concen: 20.178 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

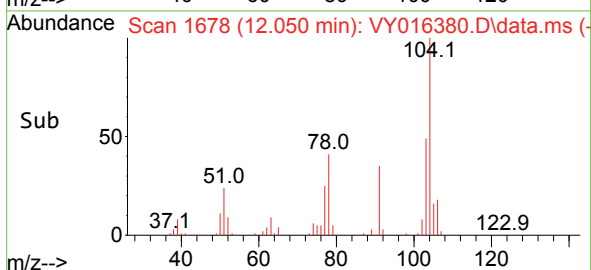
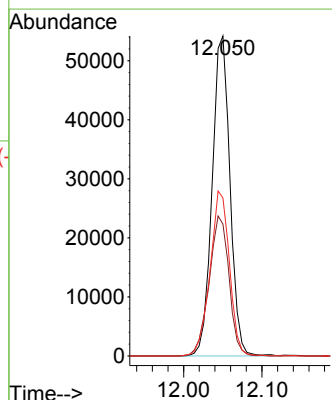
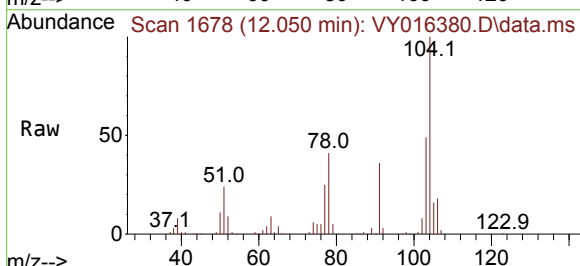
Tgt Ion:104 Resp: 85777

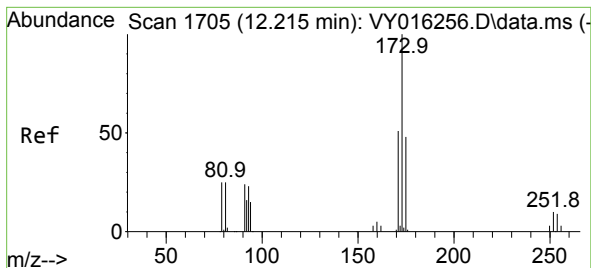
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 55.9 44.6 67.0





#71

Bromoform

Concen: 21.282 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

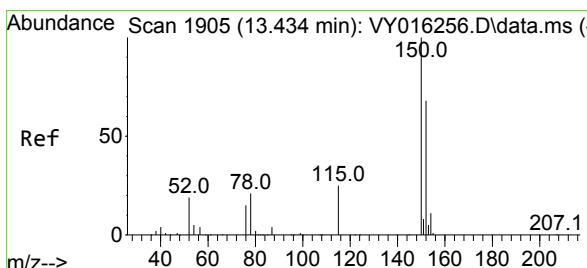
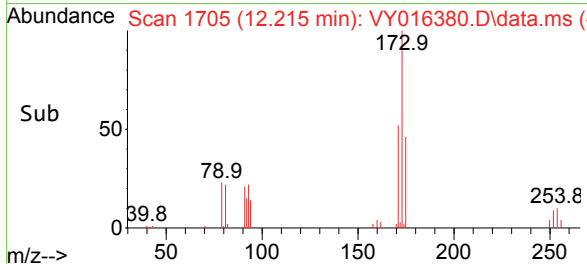
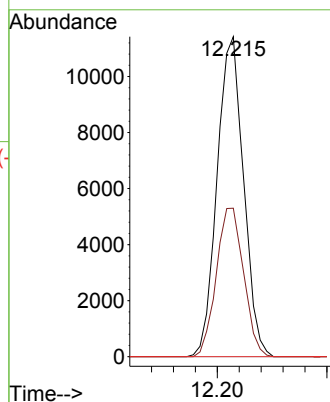
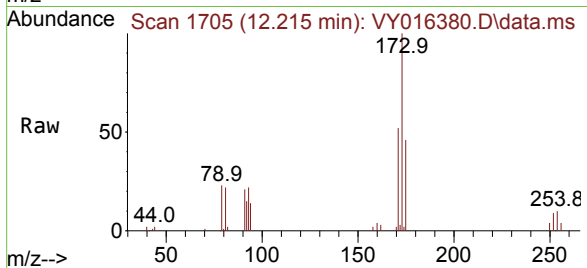
Tgt Ion:173 Resp: 19106

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

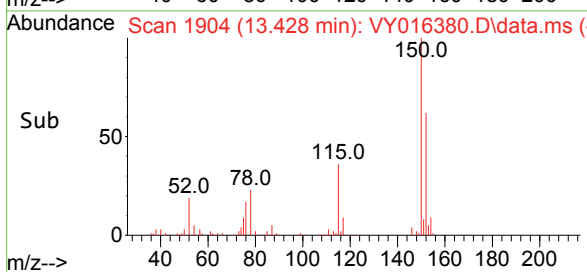
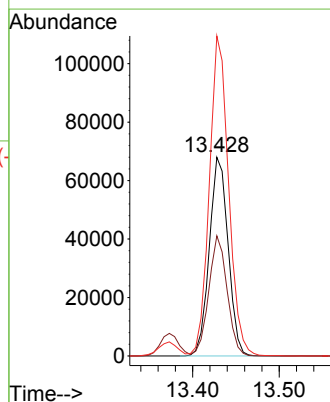
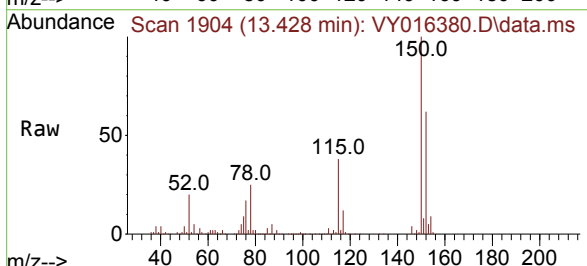
Tgt Ion:152 Resp: 102438

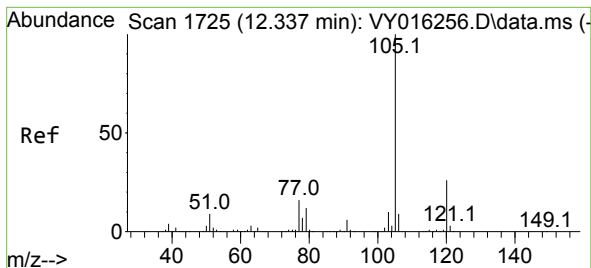
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 165.2 0.0 348.8





#73

Isopropylbenzene

Concen: 19.669 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

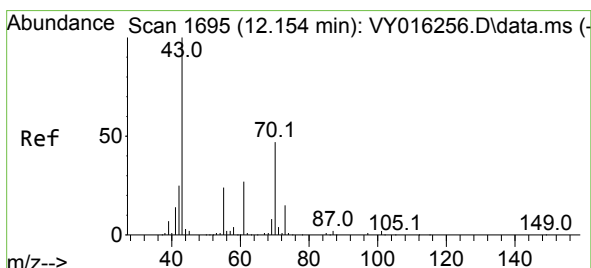
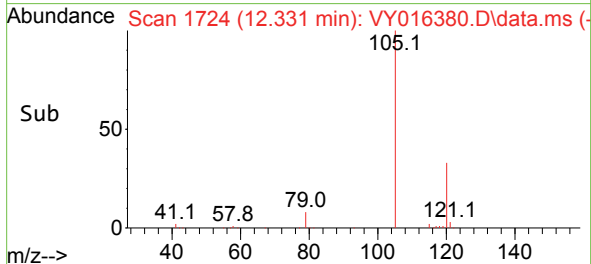
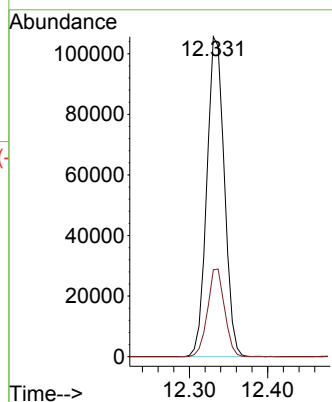
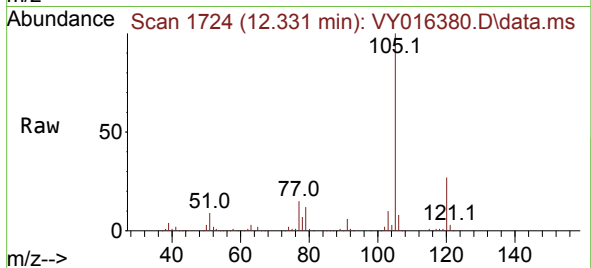
ClientSampleId :

Tgt Ion:105 Resp: 163158

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 19.265 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Tgt Ion: 43 Resp: 32099

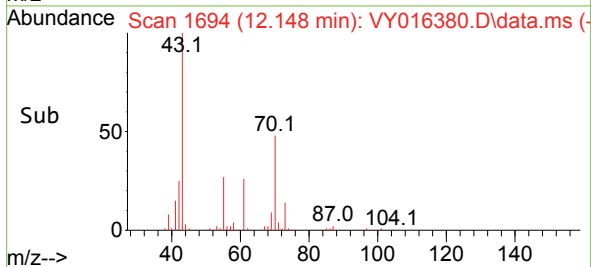
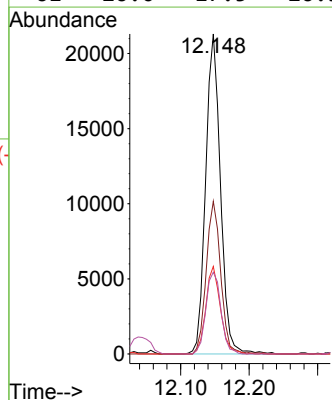
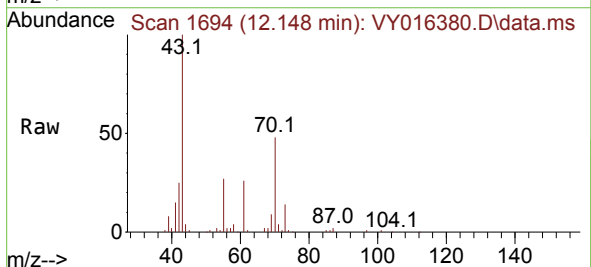
Ion Ratio Lower Upper

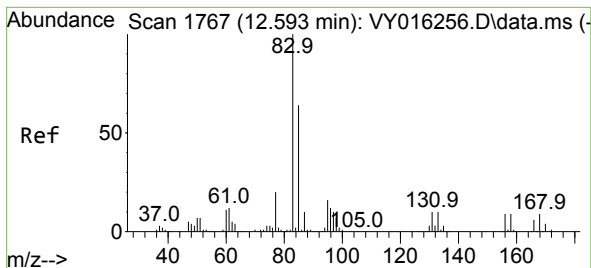
43 100

70 46.8 29.7 44.5#

55 27.1 18.3 27.5

61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.647 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

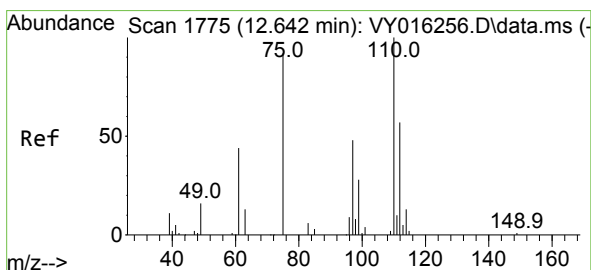
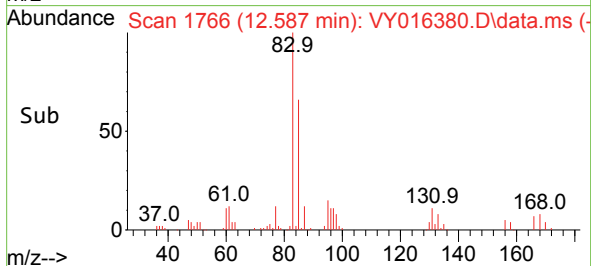
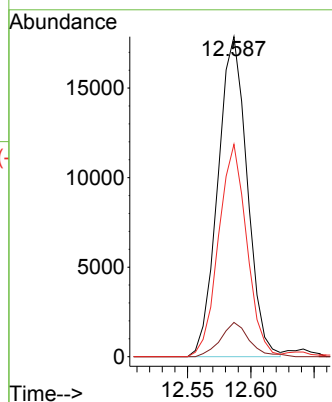
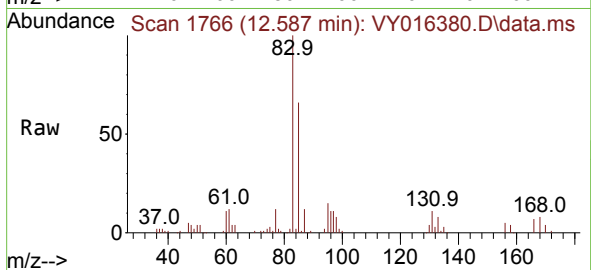
Tgt Ion: 83 Resp: 28814

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.118 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.007 min

Lab File: VY016380.D

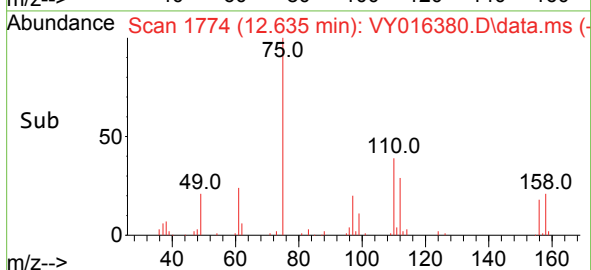
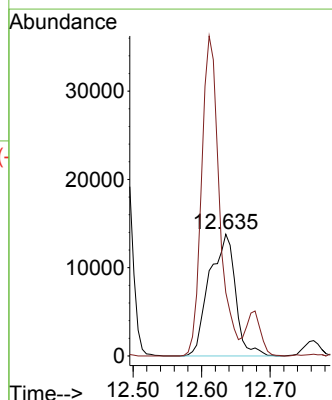
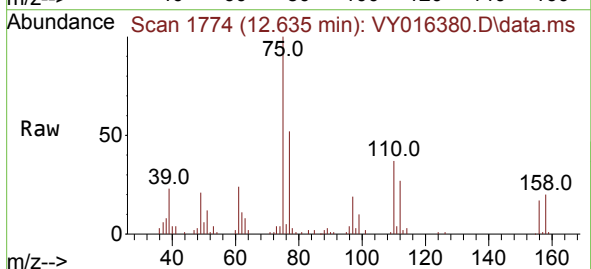
Acq: 16 Nov 2023 11:05

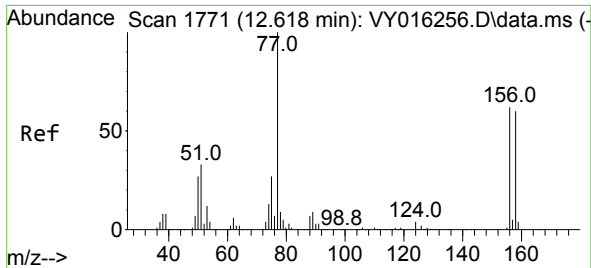
Tgt Ion: 75 Resp: 36475

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

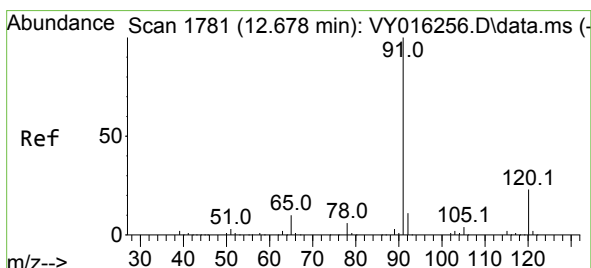
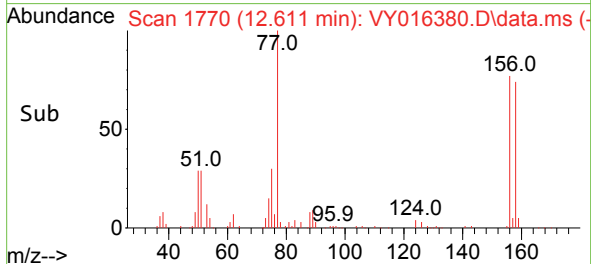
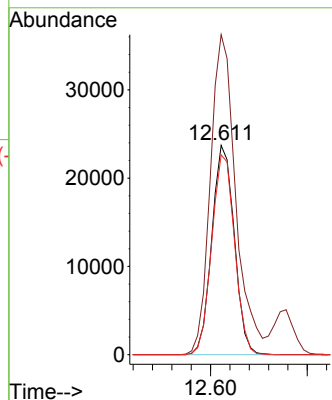
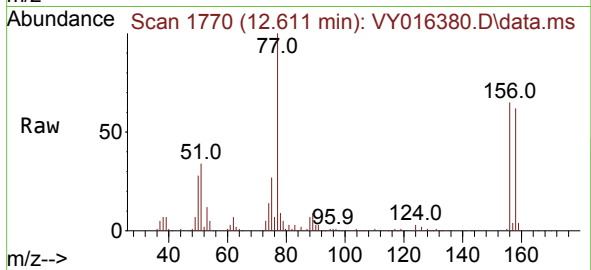




#77
Bromobenzene
Concen: 20.372 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

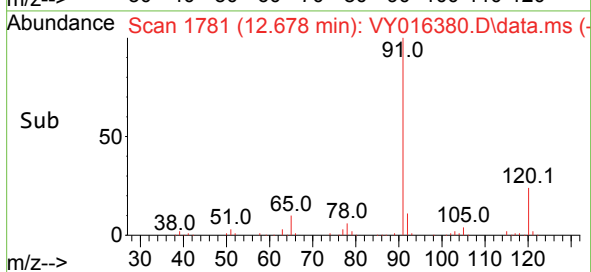
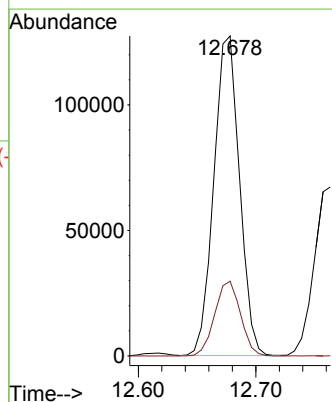
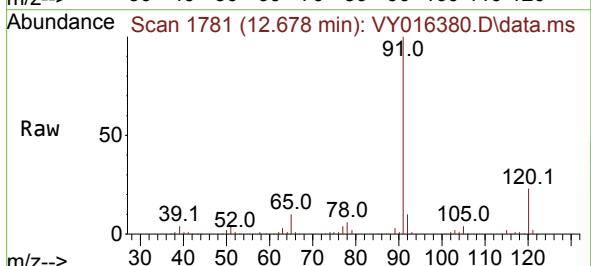
Instrument :
MSVOA_Y
ClientSampleId :

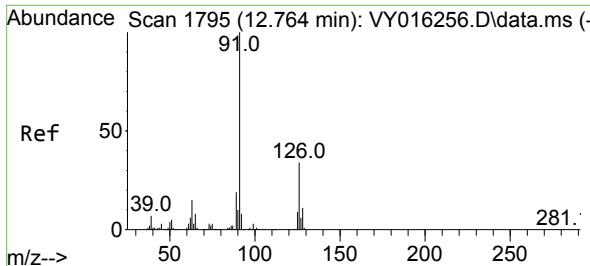
Tgt Ion:156 Resp: 38194
Ion Ratio Lower Upper
156 100
77 172.3 92.8 278.6
158 97.0 48.4 145.3



#78
n-propylbenzene
Concen: 19.702 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 91 Resp: 193140
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4

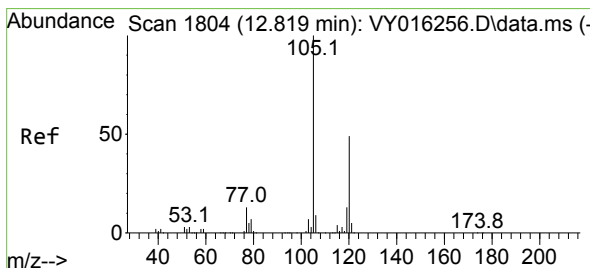
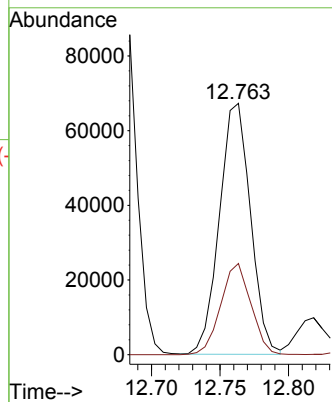
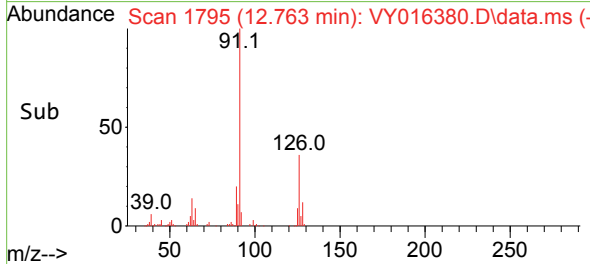
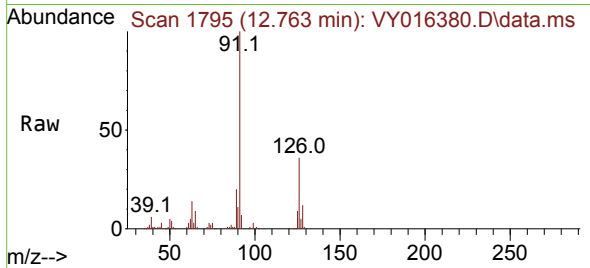




#79
2-Chlorotoluene
Concen: 19.687 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

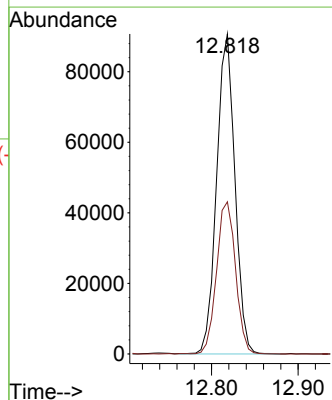
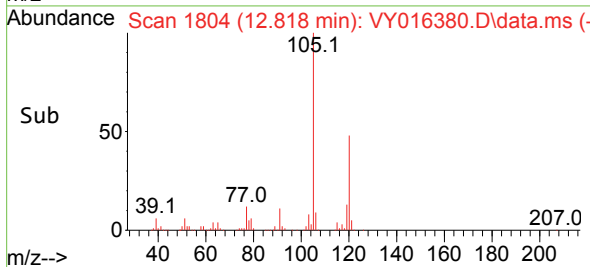
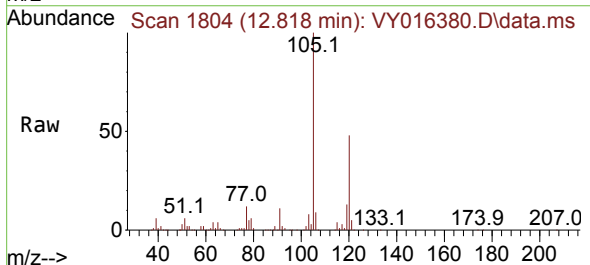
Instrument :
MSVOA_Y
ClientSampleId :

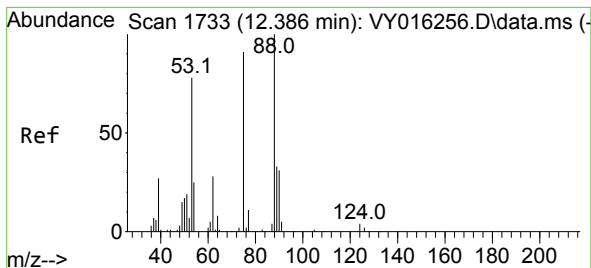
Tgt Ion: 91 Resp: 106362
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.856 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 105 Resp: 132800
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

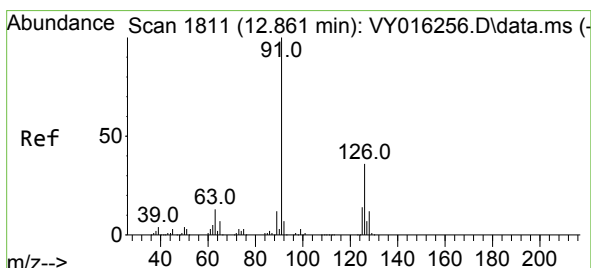
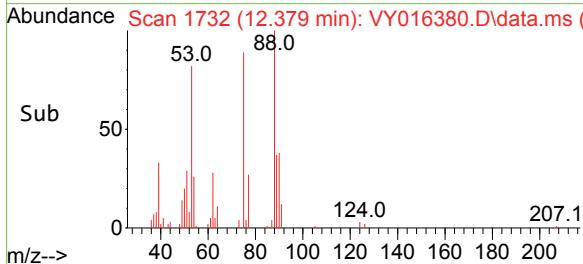
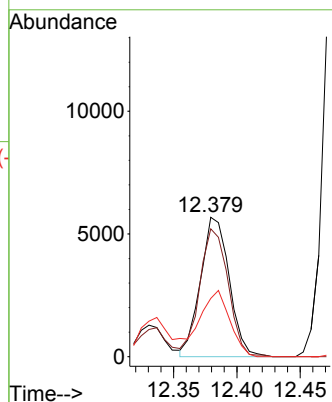
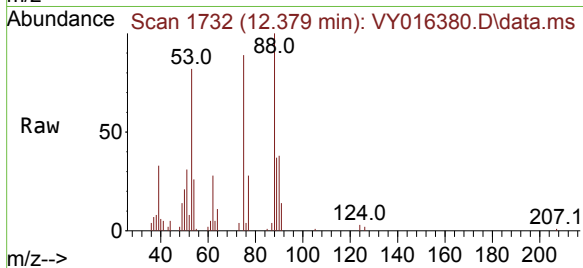




#81
trans-1,4-Dichloro-2-butene
Concen: 19.904 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.007 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

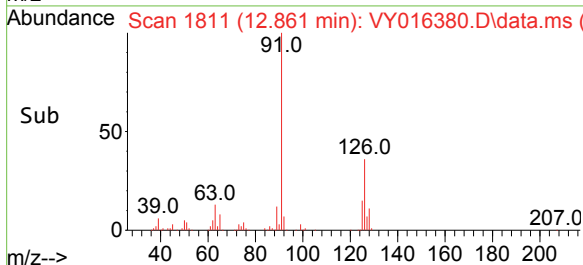
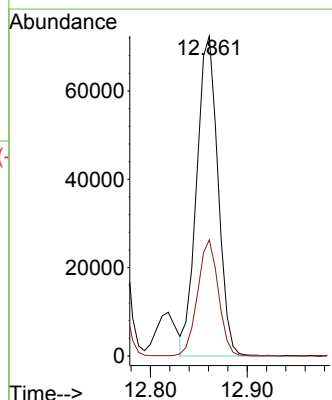
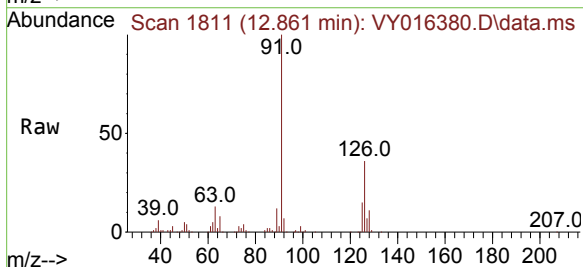
Instrument :
MSVOA_Y
ClientSampleId :

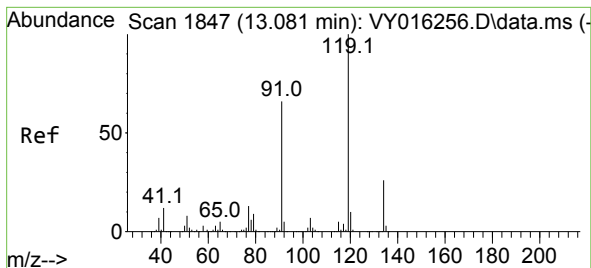
Tgt Ion: 75 Resp: 9011
Ion Ratio Lower Upper
75 100
53 90.2 77.8 116.8
89 46.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.881 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion: 91 Resp: 110984
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.774 ug/l

RT: 13.080 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

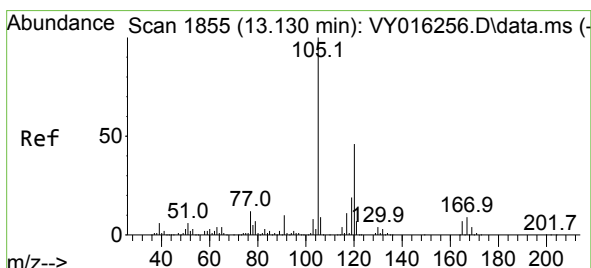
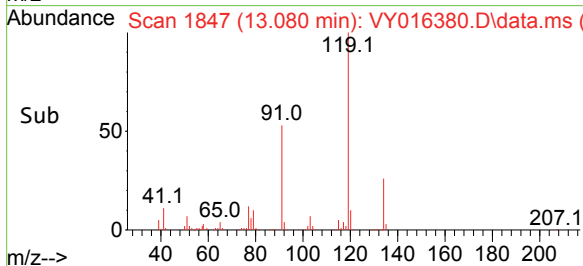
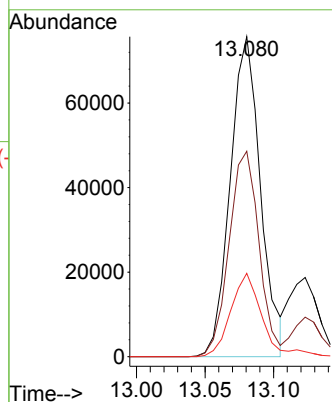
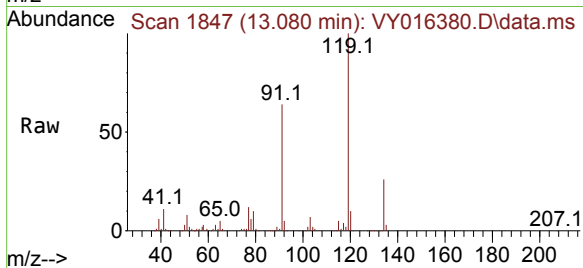
Tgt Ion:119 Resp: 116488

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.962 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.007 min

Lab File: VY016380.D

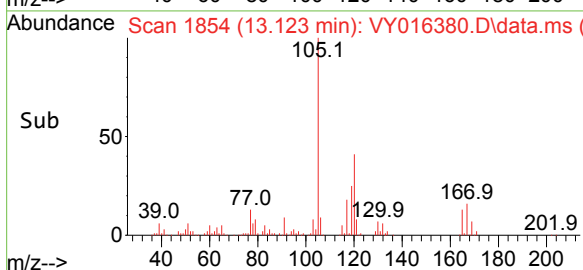
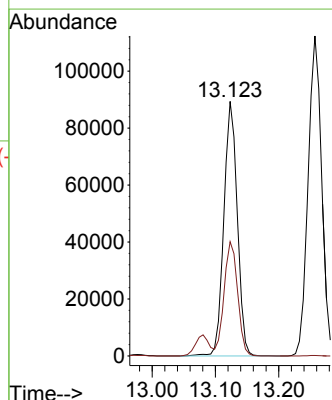
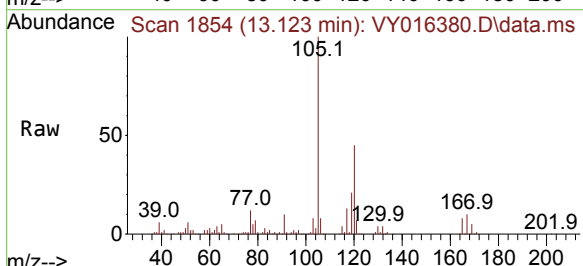
Acq: 16 Nov 2023 11:05

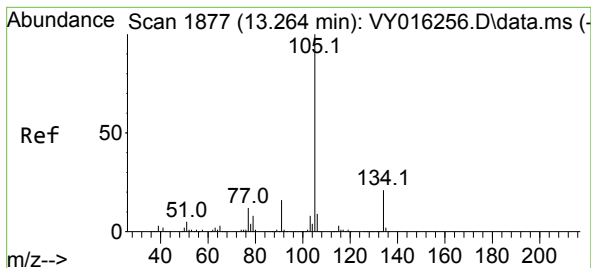
Tgt Ion:105 Resp: 131456

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.822 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

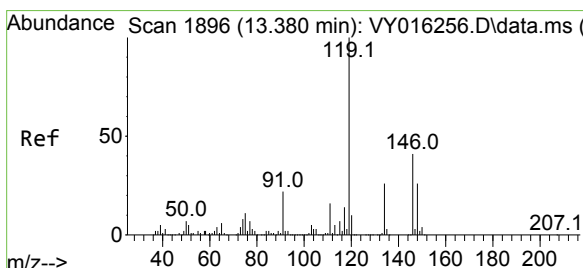
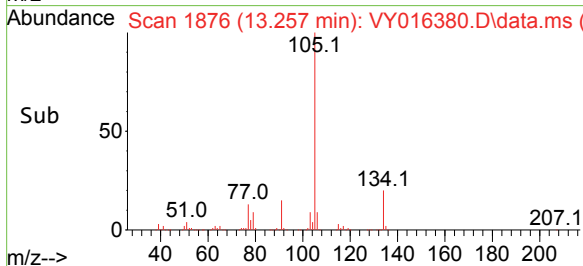
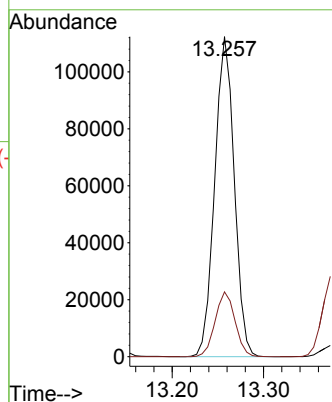
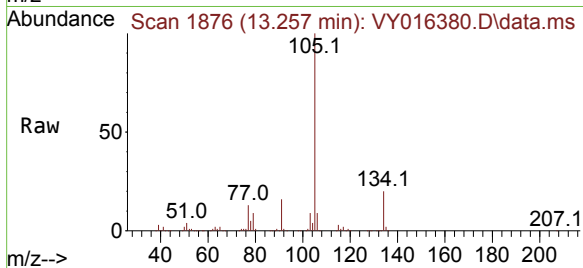
ClientSampleId :

Tgt Ion:105 Resp: 166818

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.908 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

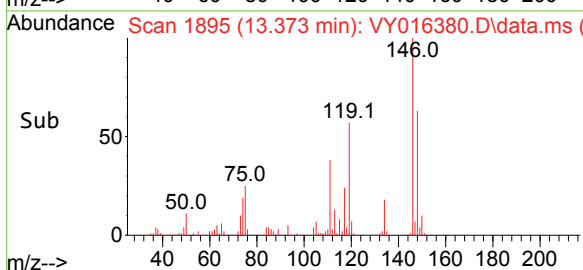
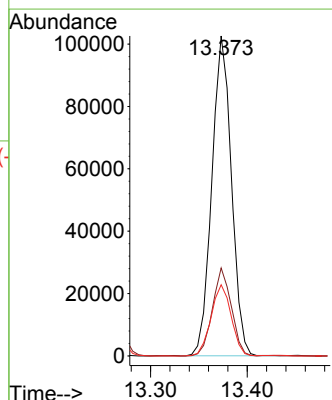
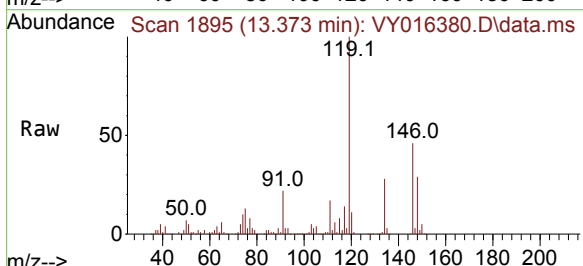
Tgt Ion:119 Resp: 144269

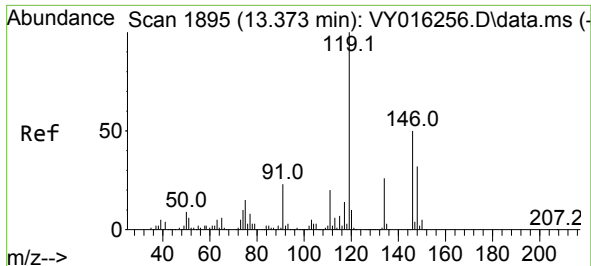
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.8 12.4 37.4

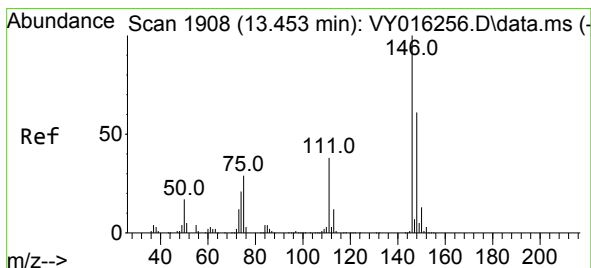
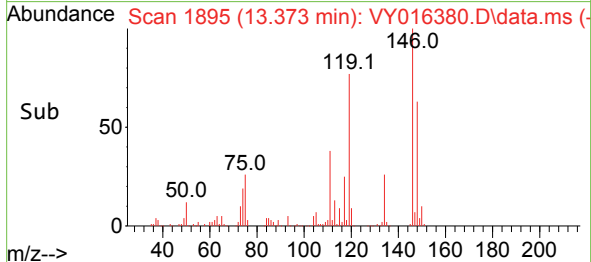
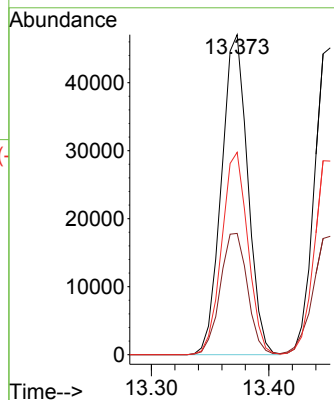
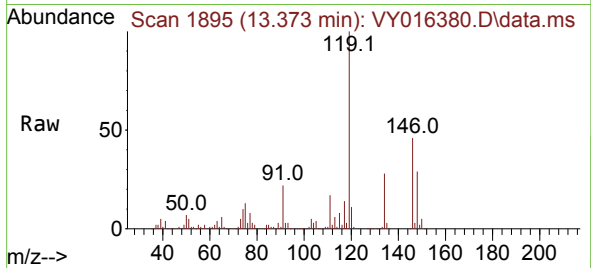




#87
1,3-Dichlorobenzene
Concen: 20.299 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

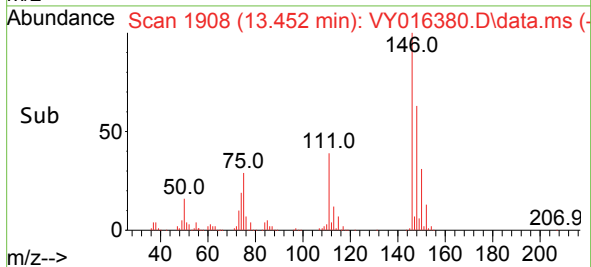
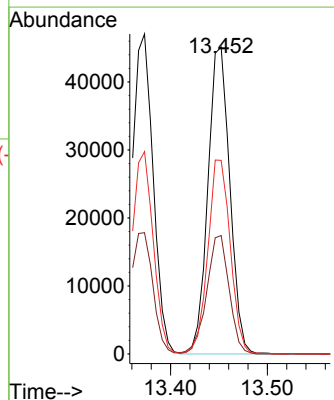
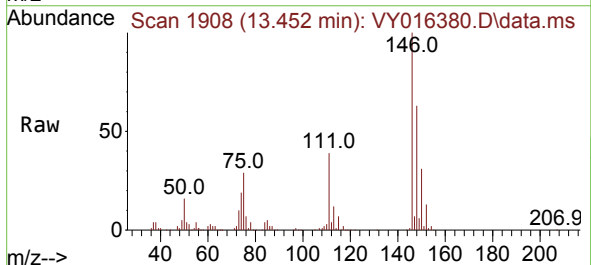
Instrument :
MSVOA_Y
ClientSampleId :

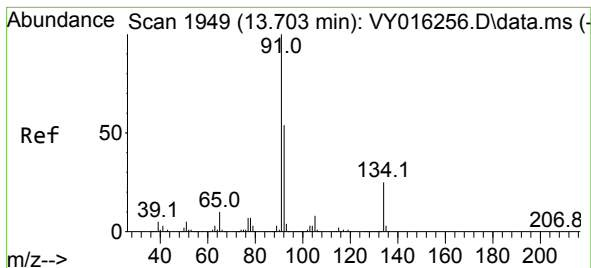
Tgt Ion:146 Resp: 73217
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 62.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.202 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016380.D
Acq: 16 Nov 2023 11:05

Tgt Ion:146 Resp: 71212
Ion Ratio Lower Upper
146 100
111 39.6 18.9 56.7
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.833 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

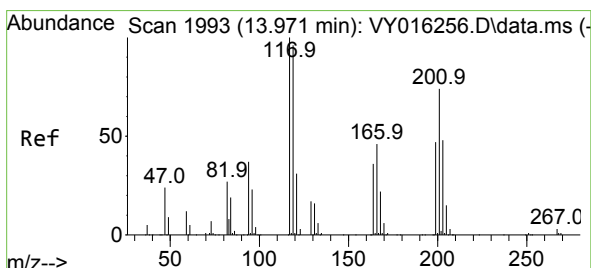
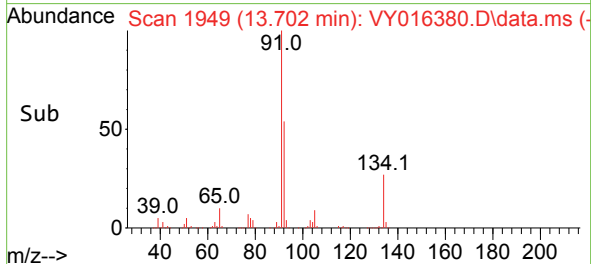
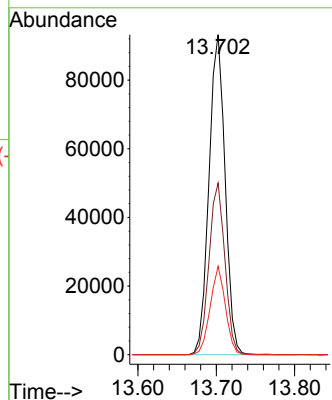
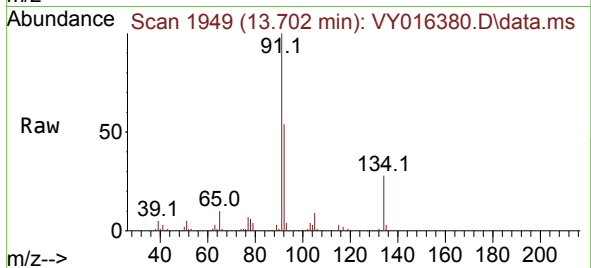
Tgt Ion: 91 Resp: 132732

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 19.719 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.007 min

Lab File: VY016380.D

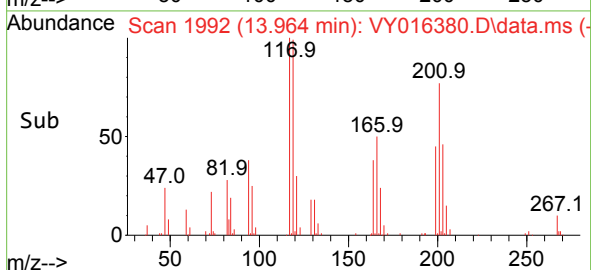
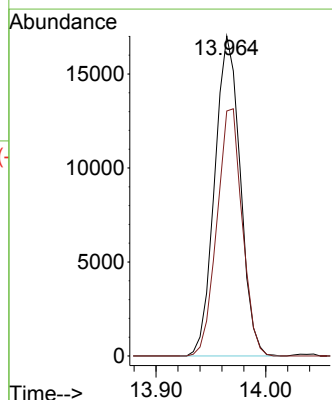
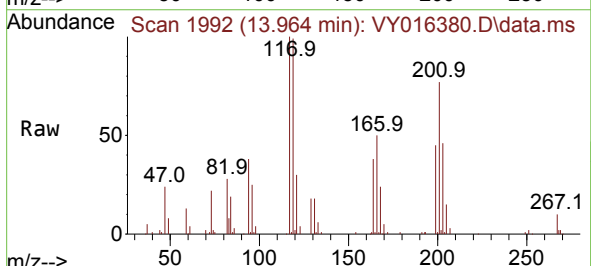
Acq: 16 Nov 2023 11:05

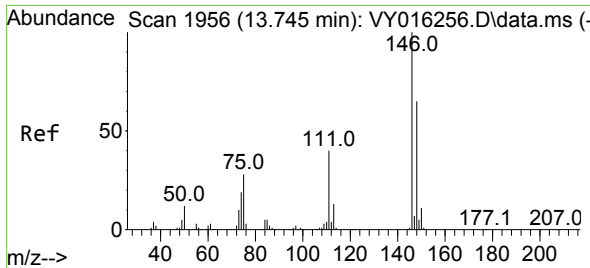
Tgt Ion: 117 Resp: 27566

Ion Ratio Lower Upper

117 100

201 76.5 41.6 124.8

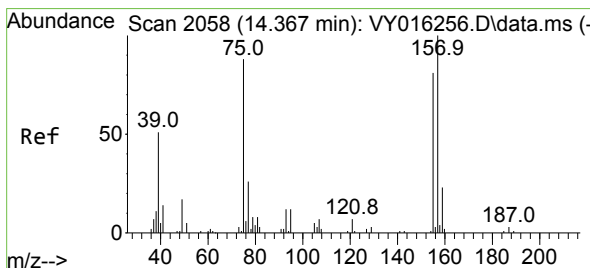
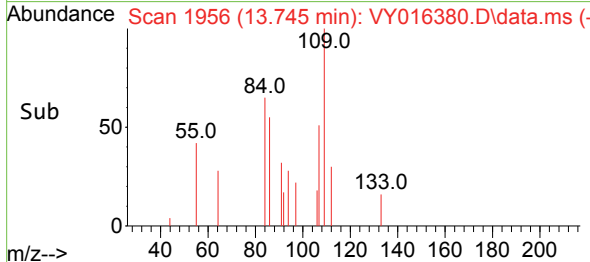
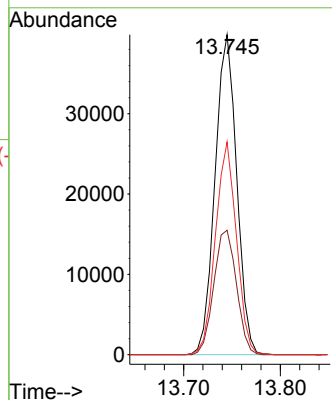
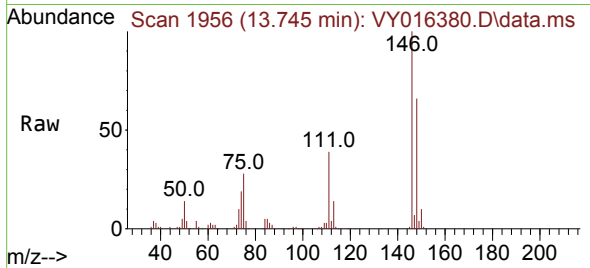




#91
 1,2-Dichlorobenzene
 Concen: 20.082 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

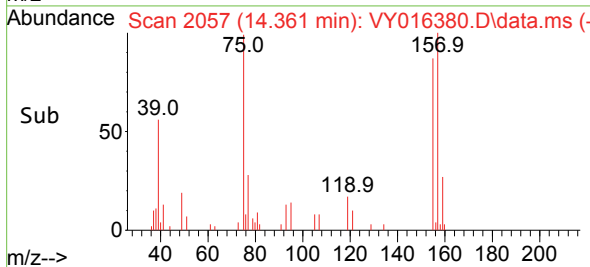
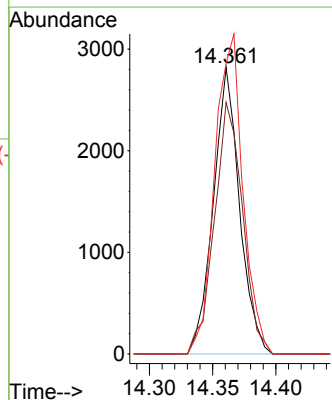
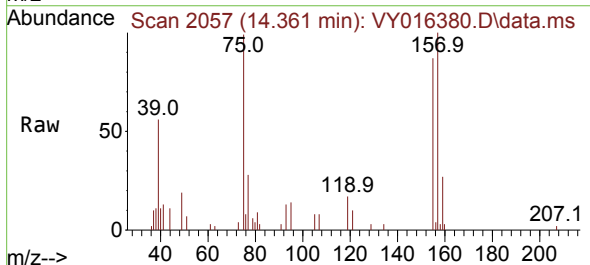
Instrument :
 MSVOA_Y
 ClientSampleId :

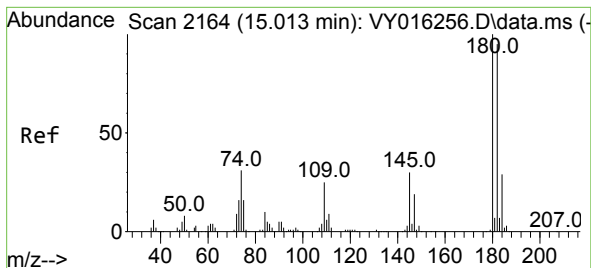
Tgt Ion:146 Resp: 62070
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.7 59.0
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.185 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.007 min
 Lab File: VY016380.D
 Acq: 16 Nov 2023 11:05

Tgt Ion: 75 Resp: 4063
 Ion Ratio Lower Upper
 75 100
 155 94.4 41.5 124.6
 157 119.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.048 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

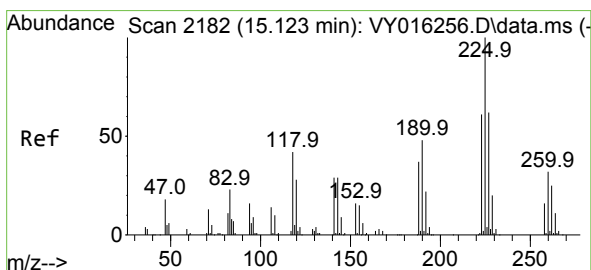
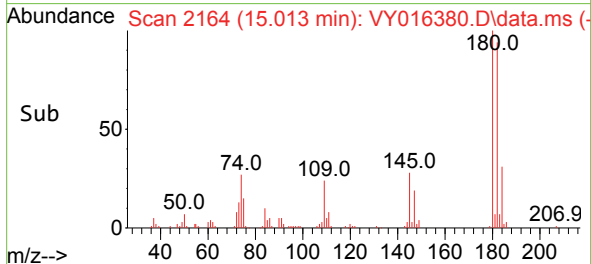
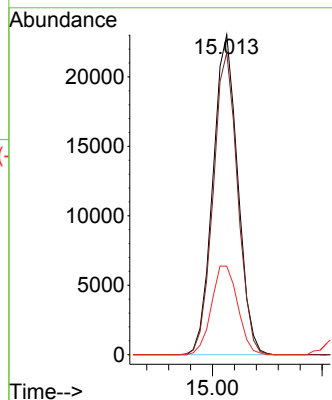
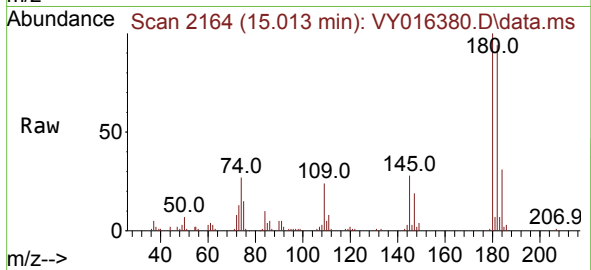
Tgt Ion:180 Resp: 36169

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.2

145 29.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.016 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

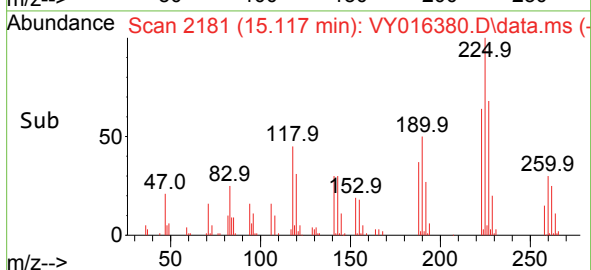
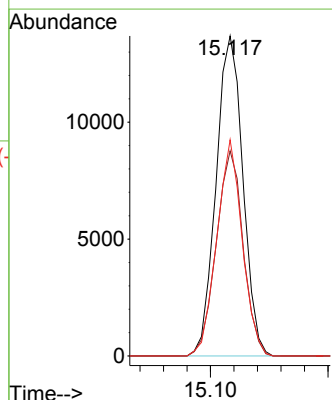
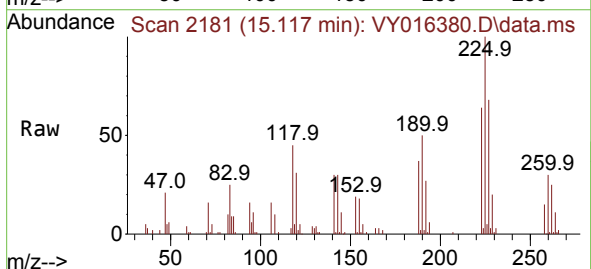
Tgt Ion:225 Resp: 21722

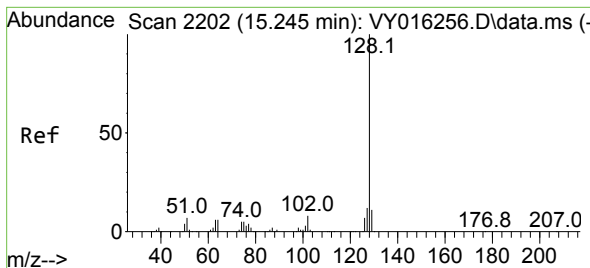
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 19.622 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016380.D

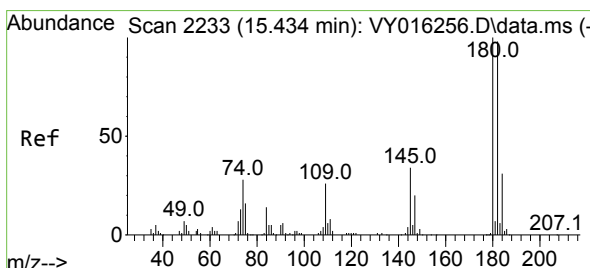
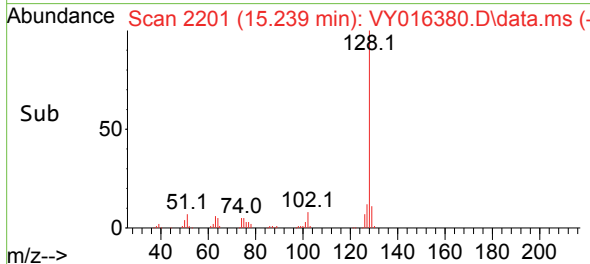
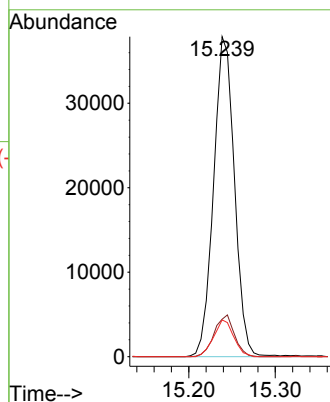
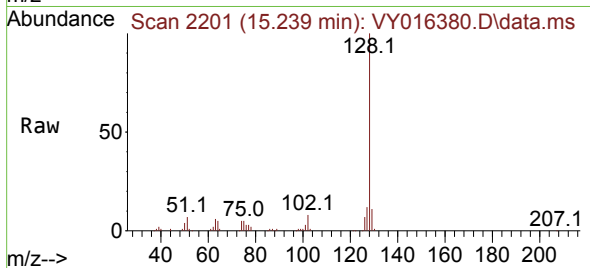
Acq: 16 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 63313
Ion Ratio	Lower Upper
128 100	
127 12.6	10.8 16.2
129 11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.650 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.007 min

Lab File: VY016380.D

Acq: 16 Nov 2023 11:05

Tgt Ion:180	Resp: 29322
Ion Ratio	Lower Upper
180 100	
182 95.4	47.3 141.8
145 34.8	15.4 46.2

