

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016408.D
 Acq On : 17 Nov 2023 14:15
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:18:38 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	7.783	168	159212	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	253597	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	221730	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	108235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74440	51.157	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.320%	
35) Dibromofluoromethane	7.715	113	78304	54.355	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.178	98	301215	51.561	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.483	95	100997	53.230	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	30089	19.301	ug/l	93
3) Chloromethane	2.107	50	31874	17.458	ug/l	100
4) Vinyl Chloride	2.247	62	33671	17.151	ug/l	96
5) Bromomethane	2.643	94	21813	16.906	ug/l	96
6) Chloroethane	2.789	64	21686	17.311	ug/l	96
7) Trichlorofluoromethane	3.119	101	56889	19.917	ug/l	99
8) Diethyl Ether	3.527	74	16601	19.446	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	33957	19.738	ug/l	96
10) Methyl Iodide	4.082	142	33818	18.201	ug/l	98
11) Tert butyl alcohol	4.948	59	12681	111.287	ug/l #	84
12) 1,1-Dichloroethene	3.862	96	29657	18.433	ug/l	89
13) Acrolein	3.728	56	12430	90.438	ug/l	100
14) Allyl chloride	4.472	41	40886	17.908	ug/l #	91
15) Acrylonitrile	5.155	53	36124	106.629	ug/l	96
16) Acetone	3.942	43	34134	141.813	ug/l #	84
17) Carbon Disulfide	4.192	76	76111	15.679	ug/l	97
18) Methyl Acetate	4.472	43	25881	20.235	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	77980	20.025	ug/l	96
20) Methylene Chloride	4.710	84	44807	24.582	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	34273	18.501	ug/l	93
22) Diisopropyl ether	6.112	45	92527	18.805	ug/l #	89
23) Vinyl Acetate	6.051	43	227714	95.511	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	58131	19.150	ug/l	94
25) 2-Butanone	6.978	43	49335	117.020	ug/l	92
26) 2,2-Dichloropropane	6.978	77	55995	20.268	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	38373	19.221	ug/l	91
28) Bromochloromethane	7.325	49	21809	19.413	ug/l	85
29) Tetrahydrofuran	7.350	42	27919	100.190	ug/l #	85
30) Chloroform	7.502	83	64405	20.384	ug/l	98
31) Cyclohexane	7.783	56	49156	17.158	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	58901	20.337	ug/l	97
36) 1,1-Dichloropropene	7.917	75	45976	18.380	ug/l	97
37) Ethyl Acetate	7.069	43	20832	20.611	ug/l #	95
38) Carbon Tetrachloride	7.898	117	53274	20.520	ug/l	96
39) Methylcyclohexane	9.185	83	55871	17.925	ug/l	90
40) Benzene	8.154	78	138428	19.697	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11481	22.529	ug/l	92
42) 1,2-Dichloroethane	8.234	62	38058	20.900	ug/l	92
43) Isopropyl Acetate	8.270	43	38165	19.535	ug/l #	88
44) Trichloroethene	8.941	130	39689	19.650	ug/l	95
45) 1,2-Dichloropropane	9.215	63	33124	19.625	ug/l	100
46) Dibromomethane	9.307	93	18631	20.370	ug/l	98
47) Bromodichloromethane	9.496	83	48681	20.703	ug/l	97
48) Methyl methacrylate	9.288	41	21193	19.628	ug/l #	82
49) 1,4-Dioxane	9.294	88	4180	430.476	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	101451	102.690	ug/l	89
52) Toluene	10.245	92	87605	19.720	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	46766	20.516	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	54625	20.063	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	27387	21.725	ug/l	96
56) Ethyl methacrylate	10.508	69	24544	20.625	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	44521	20.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	80301	99.517	ug/l	90
59) 2-Hexanone	10.831	43	77751	105.805	ug/l	86
60) Dibromochloromethane	10.983	129	34412	21.826	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25434	21.177	ug/l	99
64) Tetrachloroethene	10.721	164	42684	21.439	ug/l	96
65) Chlorobenzene	11.514	112	95221	20.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36556	20.922	ug/l	97
67) Ethyl Benzene	11.593	91	167397	19.662	ug/l	98
68) m/p-Xylenes	11.703	106	130095	40.287	ug/l	93
69) o-Xylene	12.032	106	60442	20.160	ug/l	95
70) Styrene	12.044	104	88257	20.558	ug/l	98
71) Bromoform	12.209	173	19996	22.055	ug/l #	100
73) Isopropylbenzene	12.330	105	167542	19.116	ug/l	100
74) N-amyl acetate	12.148	43	33208	18.863	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.580	83	28106	19.984	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	38260	36.849	ug/l #	100
77) Bromobenzene	12.611	156	38438	19.404	ug/l	96
78) n-propylbenzene	12.672	91	194667	18.794	ug/l	98
79) 2-Chlorotoluene	12.757	91	108968	19.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	136244	19.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9800	20.487	ug/l	90
82) 4-Chlorotoluene	12.855	91	112618	19.093	ug/l	98
83) tert-Butylbenzene	13.074	119	122179	19.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	136438	19.609	ug/l	98
85) sec-Butylbenzene	13.257	105	173476	19.509	ug/l	99
86) p-Isopropyltoluene	13.373	119	150045	19.596	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	74636	19.584	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	74209	19.924	ug/l	99
89) n-Butylbenzene	13.696	91	136410	19.291	ug/l	96
90) Hexachloroethane	13.964	117	28979	19.620	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	66145	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4683	20.929	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	39332	20.634	ug/l	98
94) Hexachlorobutadiene	15.117	225	24348	22.295	ug/l	95
95) Naphthalene	15.238	128	70515	20.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	33206	21.061	ug/l	98

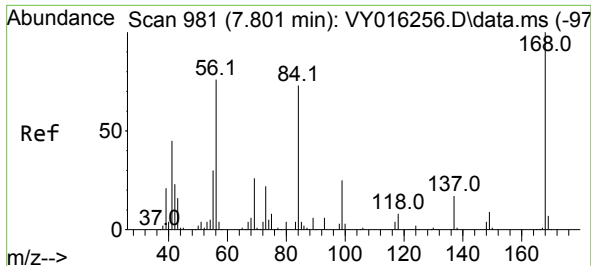
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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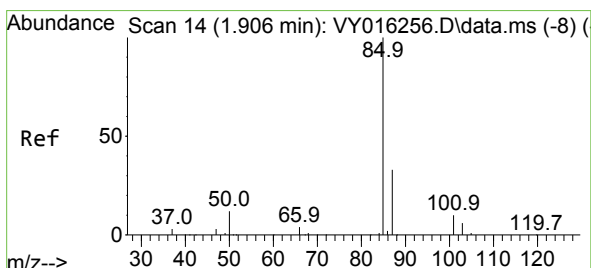
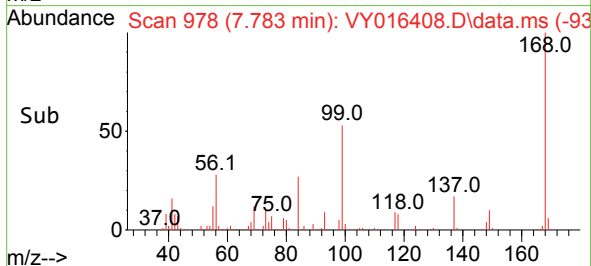
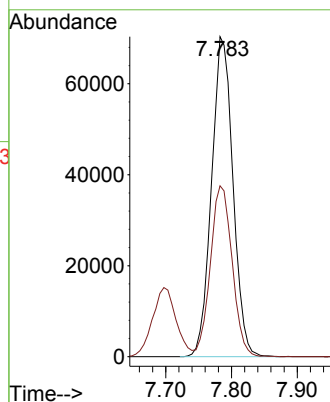
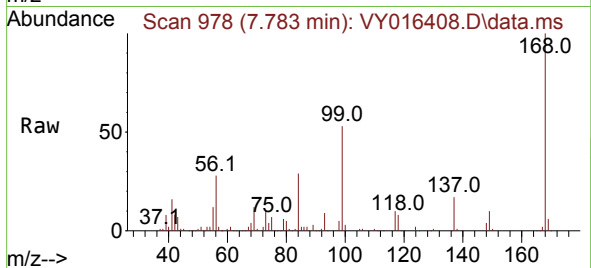
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

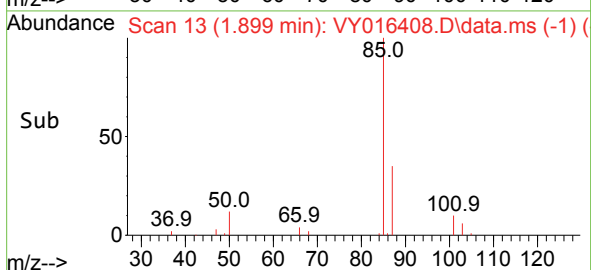
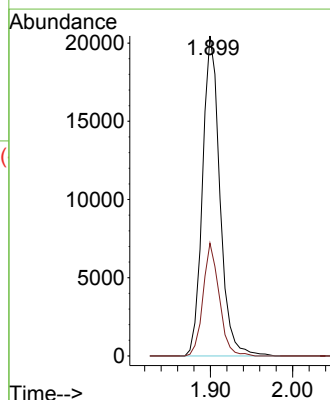
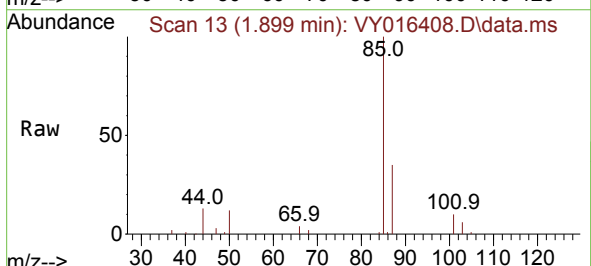
Instrument :
MSVOA_Y
ClientSampleId :

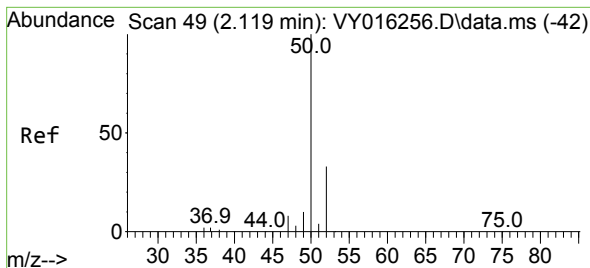
Tgt Ion:168 Resp: 159212
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.301 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 85 Resp: 30089
Ion Ratio Lower Upper
85 100
87 35.3 15.6 46.8





#3

Chloromethane

Concen: 17.458 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

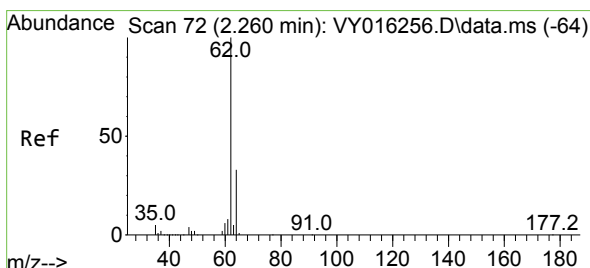
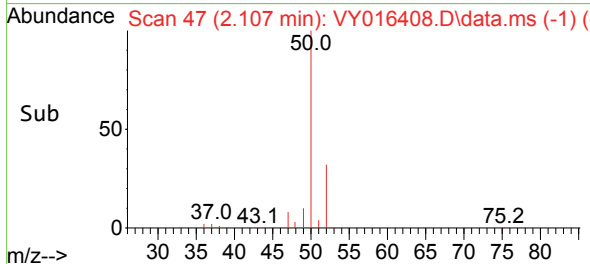
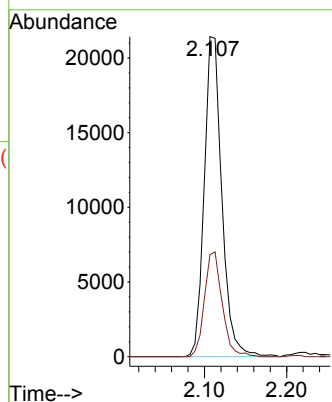
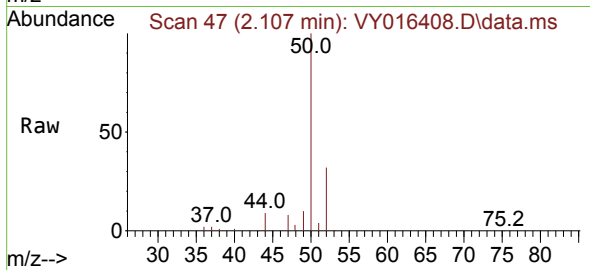
ClientSampleId :

Tgt Ion: 50 Resp: 31874

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 17.151 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.013 min

Lab File: VY016408.D

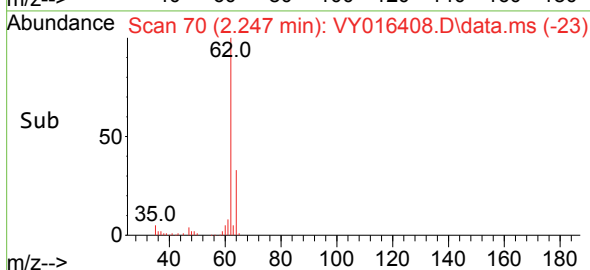
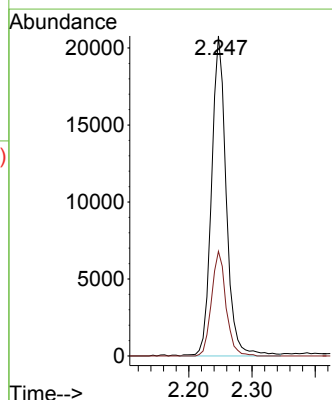
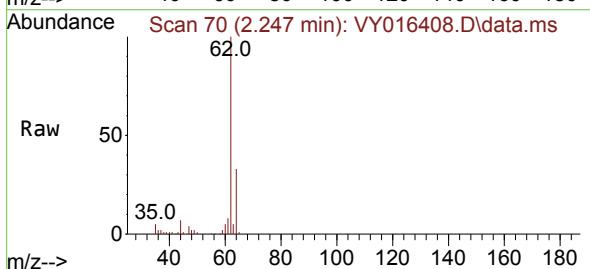
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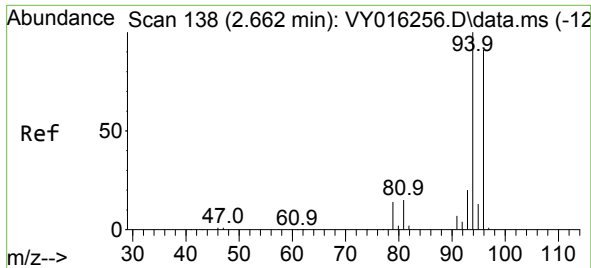
Tgt Ion: 62 Resp: 33671

Ion Ratio Lower Upper

62 100

64 32.7 24.3 36.5

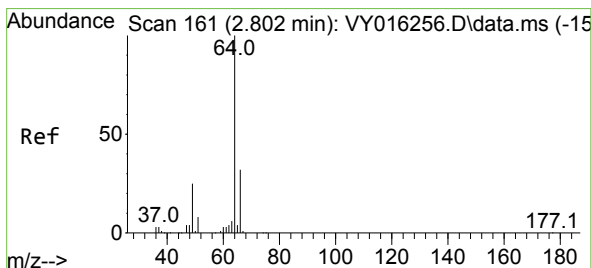
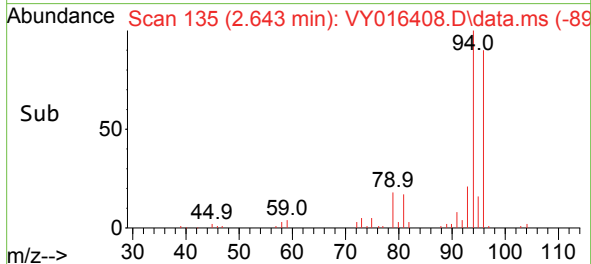
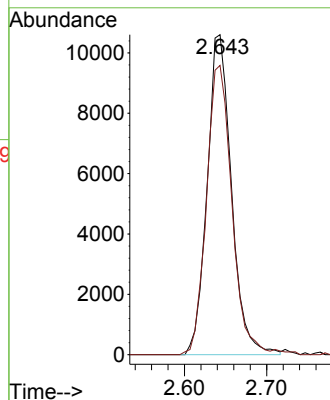
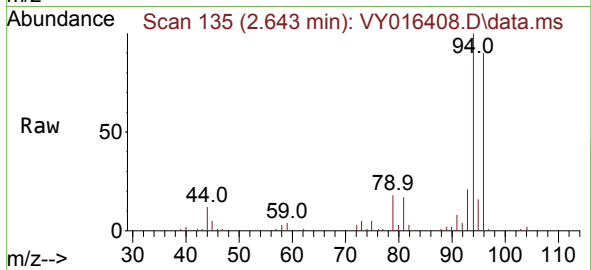




#5
Bromomethane
Concen: 16.906 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

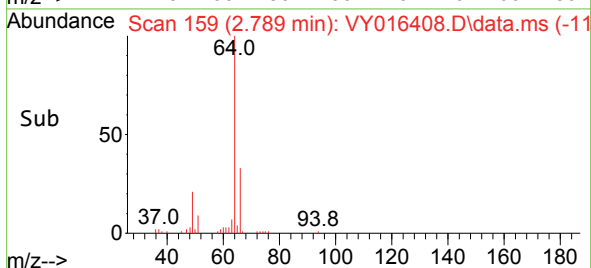
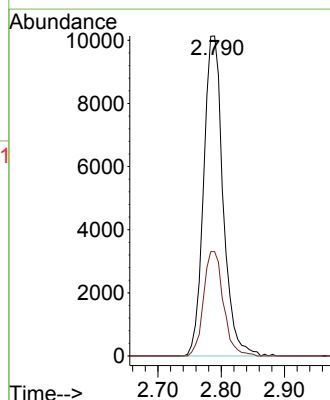
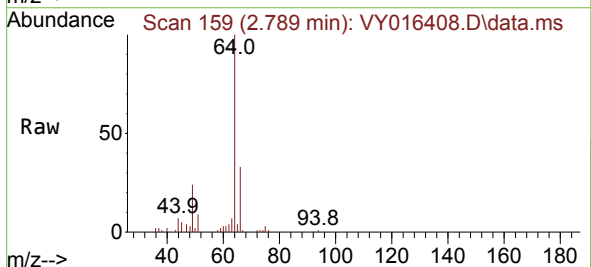
Instrument :
MSVOA_Y
ClientSampleId :

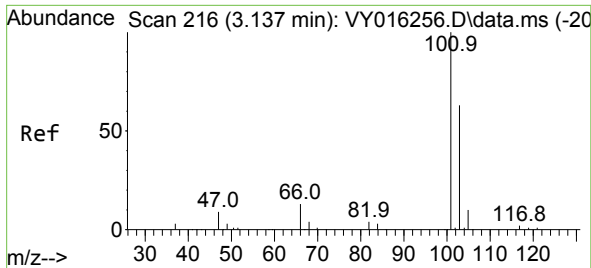
Tgt Ion: 94 Resp: 21813
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6



#6
Chloroethane
Concen: 17.311 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 64 Resp: 21686
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

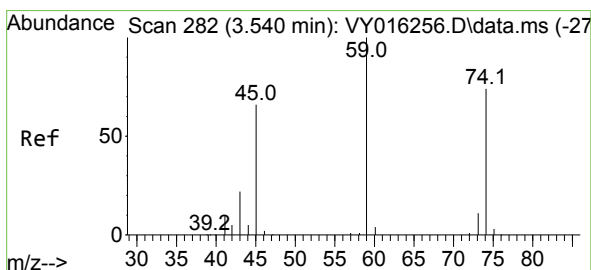
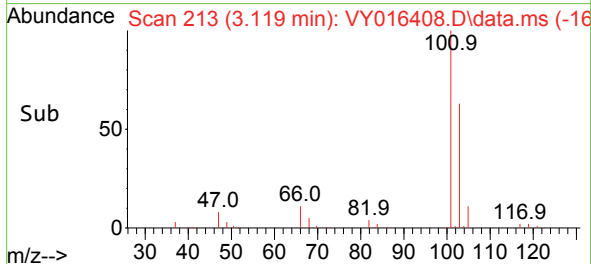
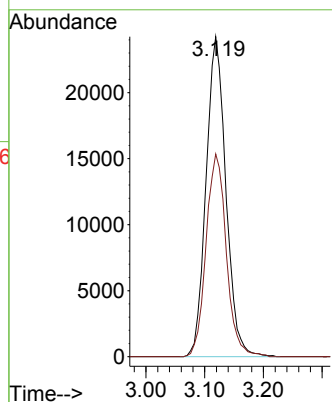
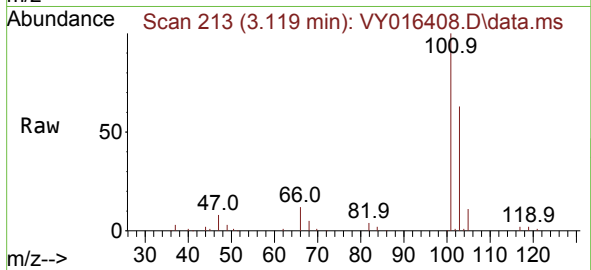




#7
 Trichlorofluoromethane
 Concen: 19.917 ug/l
 RT: 3.119 min Scan# 216
 Delta R.T. -0.019 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

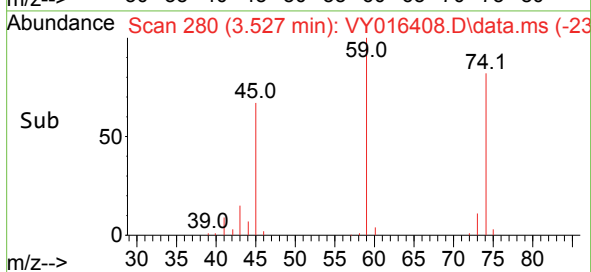
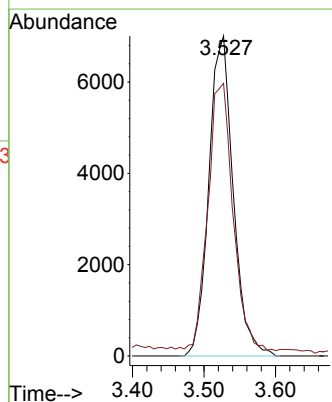
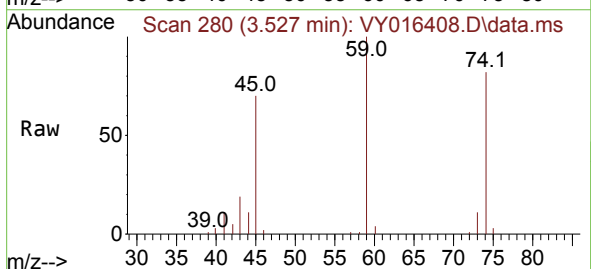
Instrument :
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 ClientSampleId :

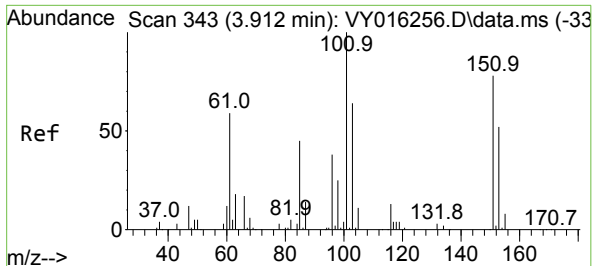
Tgt Ion:101 Resp: 56889
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.446 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.013 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

Tgt Ion: 74 Resp: 16601
 Ion Ratio Lower Upper
 74 100
 45 86.0 51.5 154.5

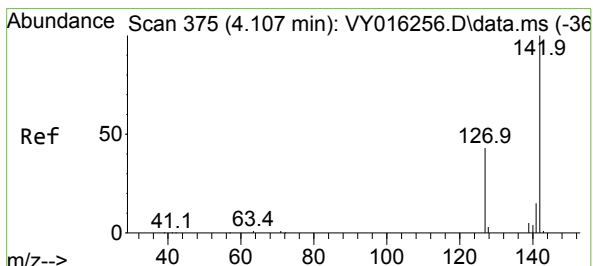
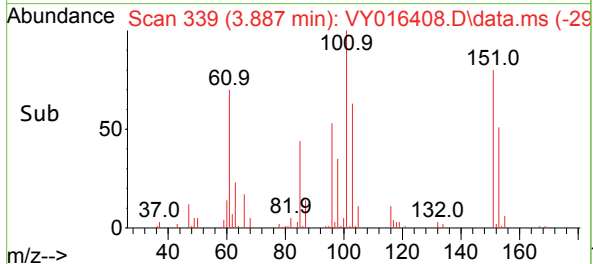
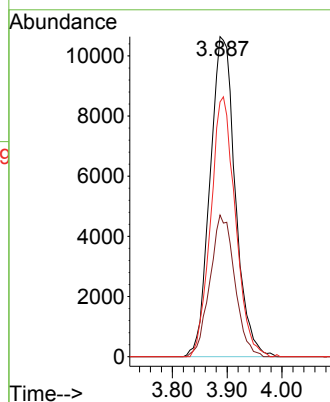
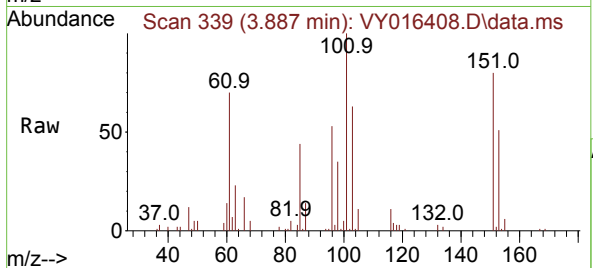




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.738 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

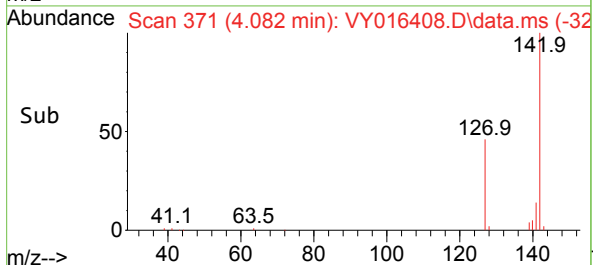
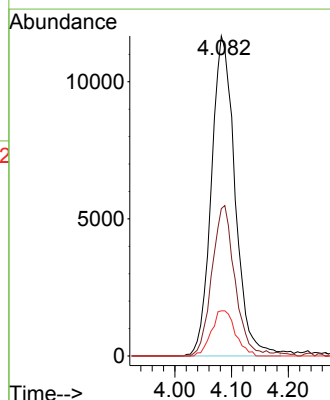
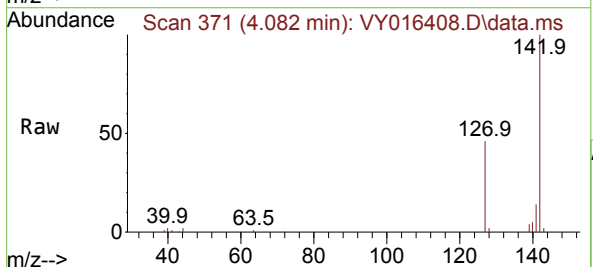
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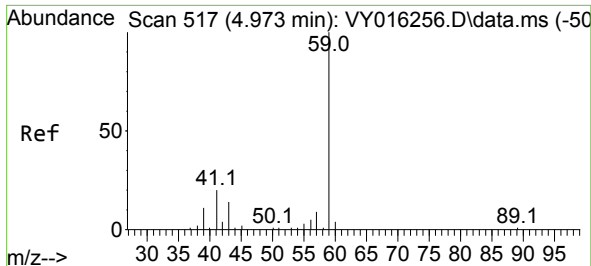
Tgt Ion:101 Resp: 33957
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 79.5 67.0 100.6



#10
Methyl Iodide
Concen: 18.201 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

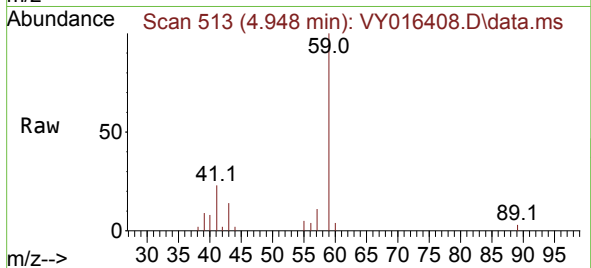
Tgt Ion:142 Resp: 33818
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.3 11.8 17.8



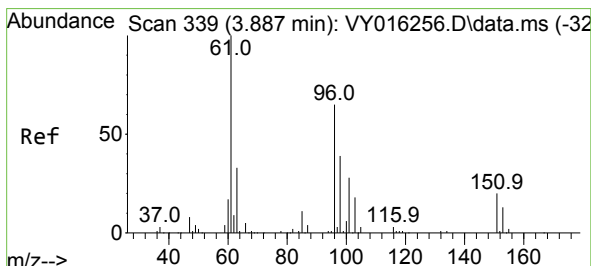
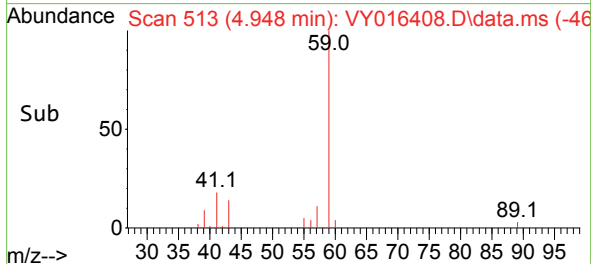
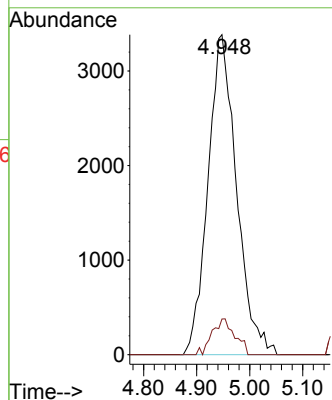


#11
Tert butyl alcohol
Concen: 111.287 ug/l
RT: 4.948 min Scan# 517
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :

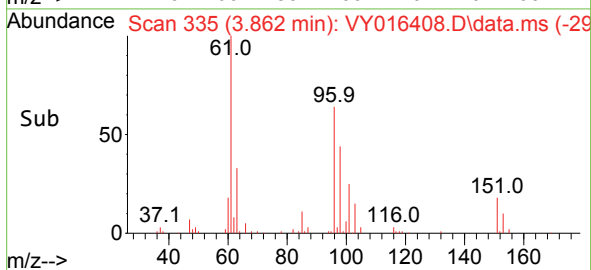
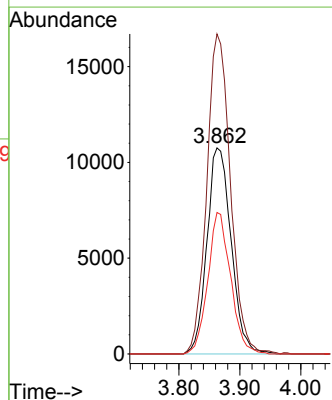
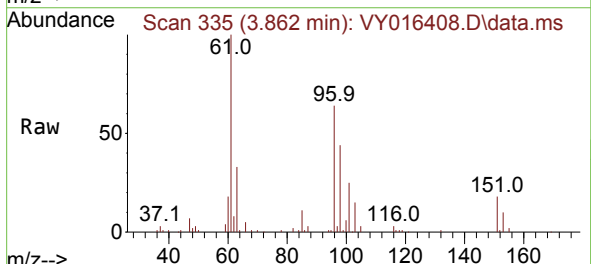


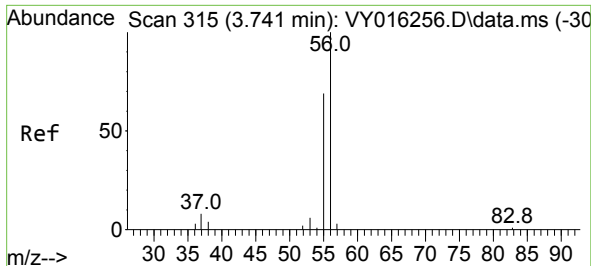
Tgt Ion: 59 Resp: 12681
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.433 ug/l
RT: 3.862 min Scan# 335
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 96 Resp: 29657
Ion Ratio Lower Upper
96 100
61 155.3 136.4 204.6
98 68.7 49.4 74.2





#13

Acrolein

Concen: 90.438 ug/l

RT: 3.728 min Scan# 31

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

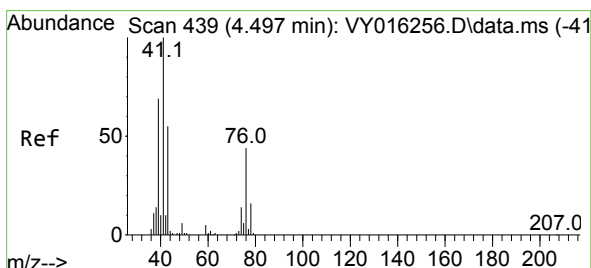
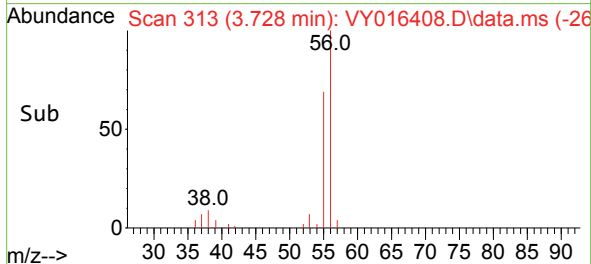
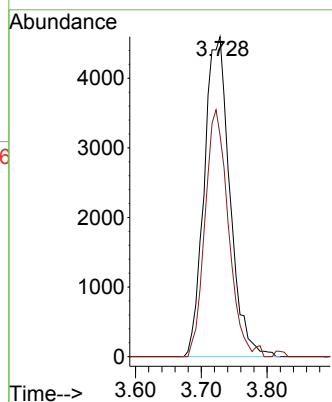
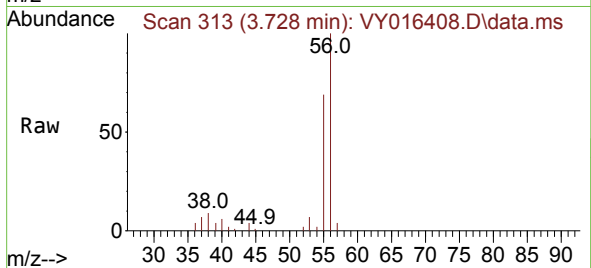
ClientSampleId :

Tgt Ion: 56 Resp: 12430

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 17.908 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.025 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

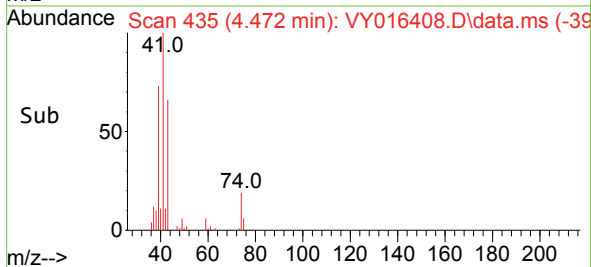
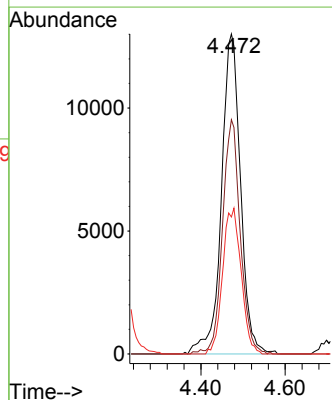
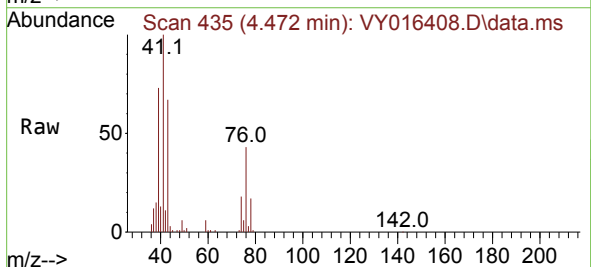
Tgt Ion: 41 Resp: 40886

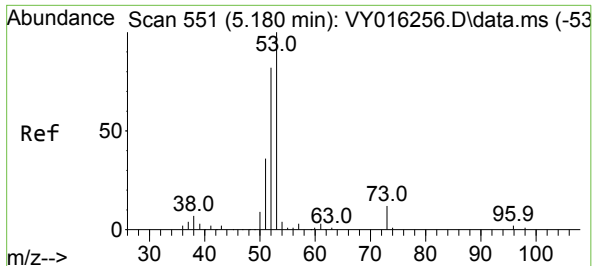
Ion Ratio Lower Upper

41 100

39 67.9 58.0 87.0

76 44.0 27.4 41.2#





#15

Acrylonitrile

Concen: 106.629 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.025 min

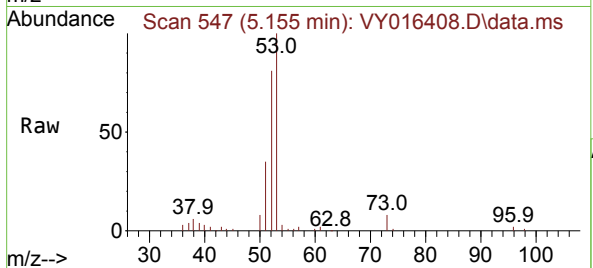
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

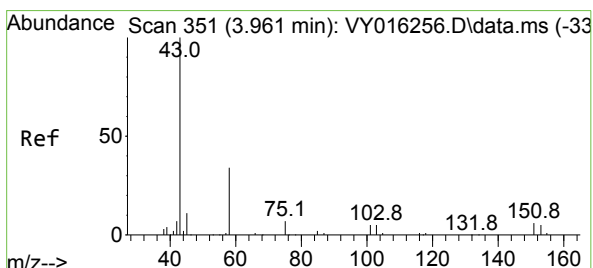
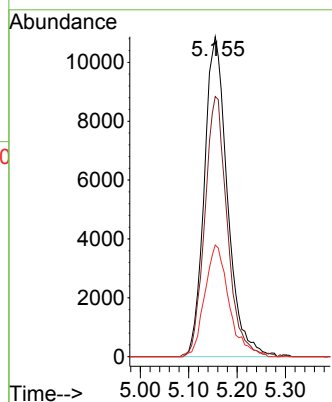
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	36124
Ion	Ratio	Lower	Upper
53	100		
52	79.0	66.9	100.3
51	36.7	29.8	44.6



#16

Acetone

Concen: 141.813 ug/l

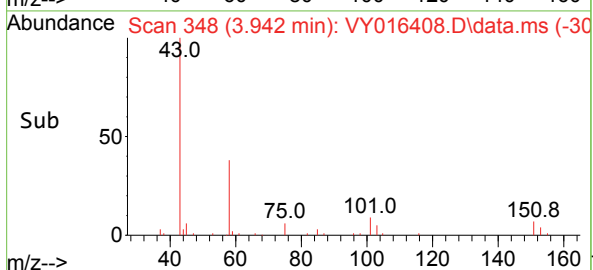
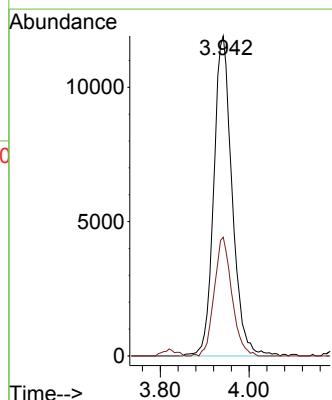
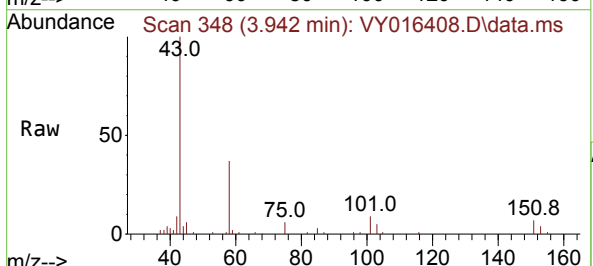
RT: 3.942 min Scan# 348

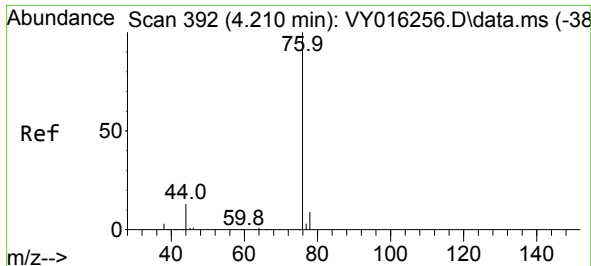
Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:	43	Resp:	34134
Ion	Ratio	Lower	Upper
43	100		
58	37.1	22.7	34.1#





#17

Carbon Disulfide

Concen: 15.679 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

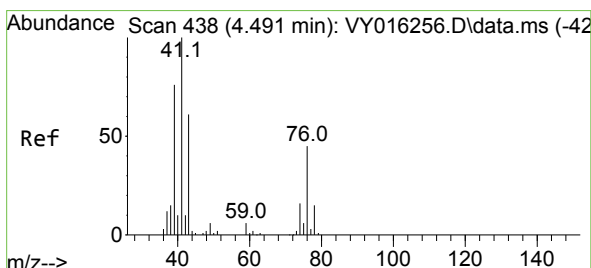
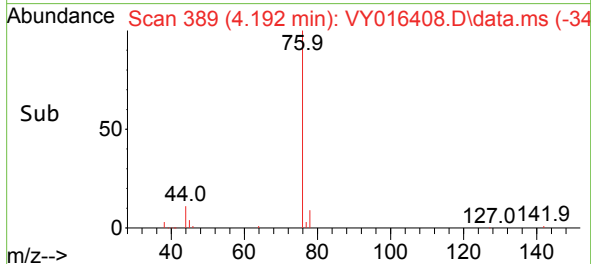
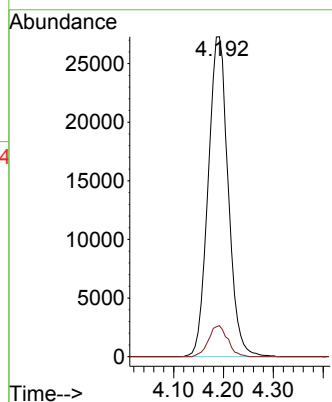
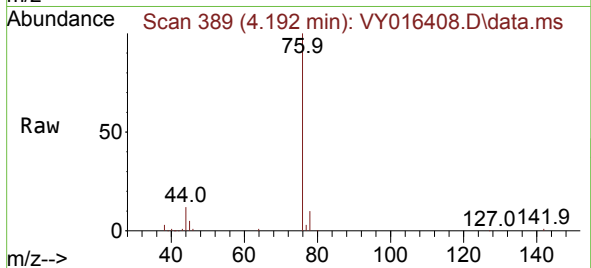
ClientSampleId :

Tgt Ion: 76 Resp: 76111

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4



#18

Methyl Acetate

Concen: 20.235 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.019 min

Lab File: VY016408.D

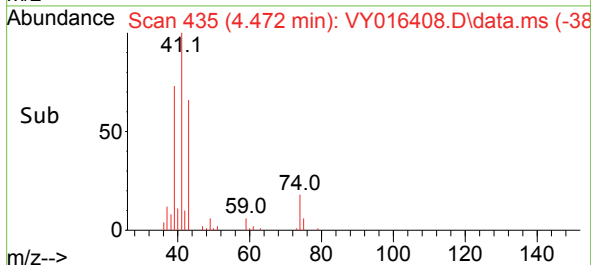
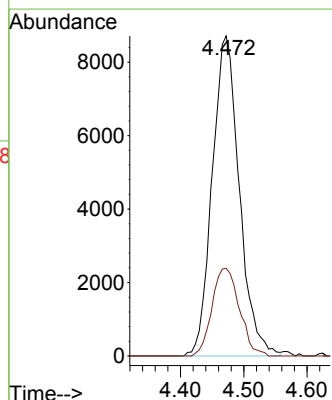
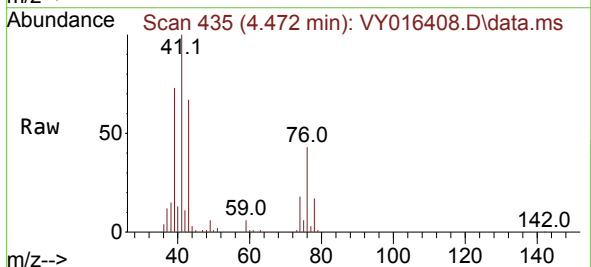
Acq: 17 Nov 2023 14:15

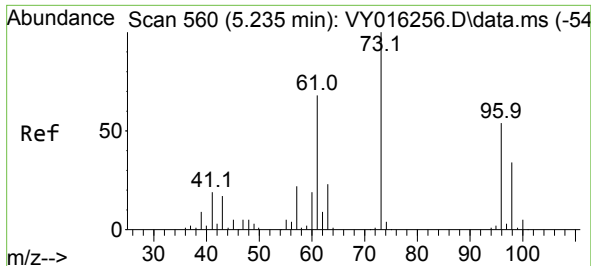
Tgt Ion: 43 Resp: 25881

Ion Ratio Lower Upper

43 100

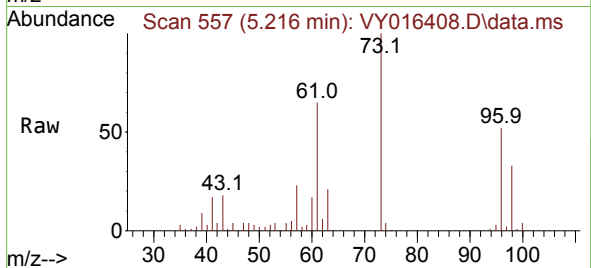
74 27.7 17.4 26.0#



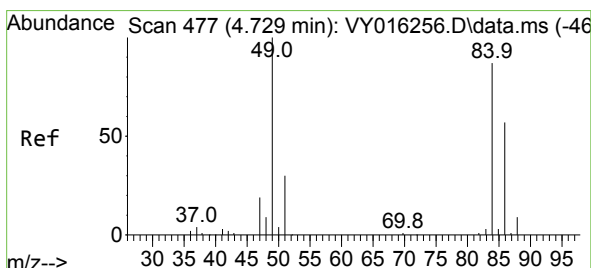
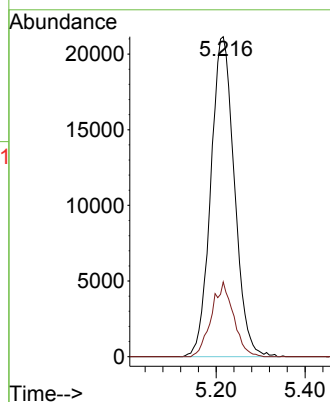
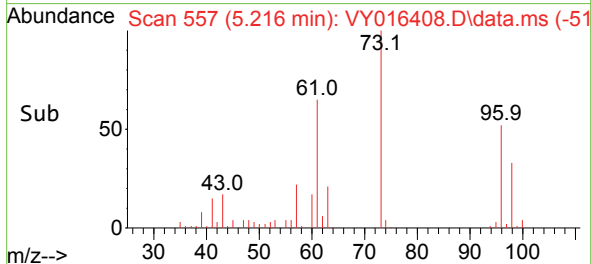


#19
Methyl tert-butyl Ether
Concen: 20.025 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :

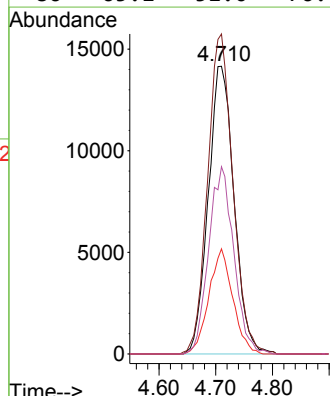
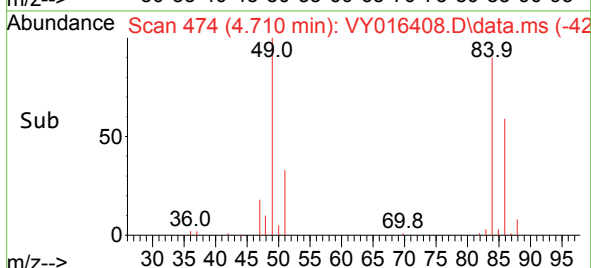
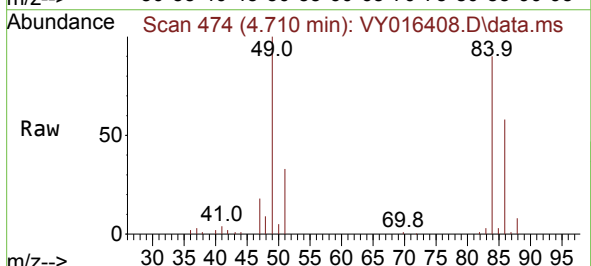


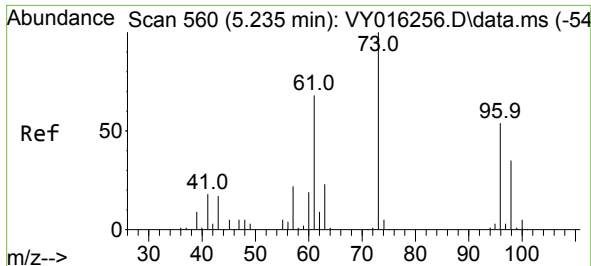
Tgt Ion: 73 Resp: 77980
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9



#20
Methylene Chloride
Concen: 24.582 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

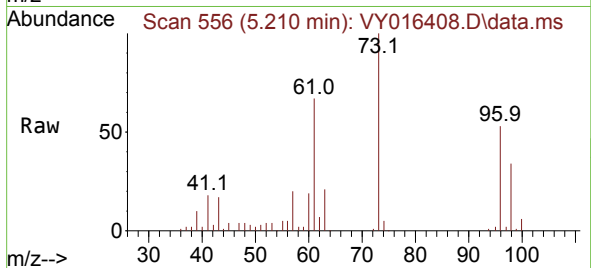
Tgt Ion: 84 Resp: 44807
Ion Ratio Lower Upper
84 100
49 111.2 106.9 160.3
51 36.5 33.2 49.8
86 65.1 51.0 76.6



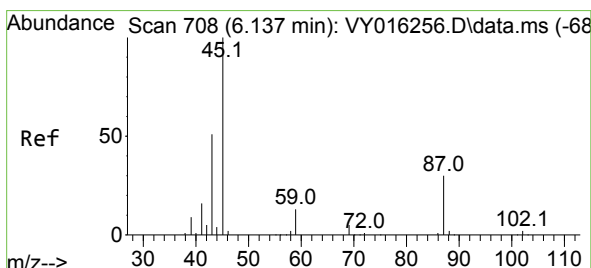
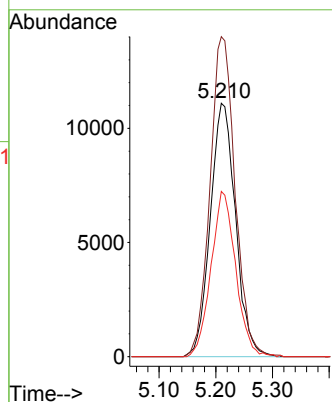
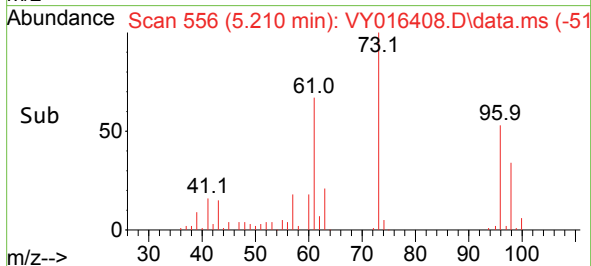


#21
trans-1,2-Dichloroethene
Concen: 18.501 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

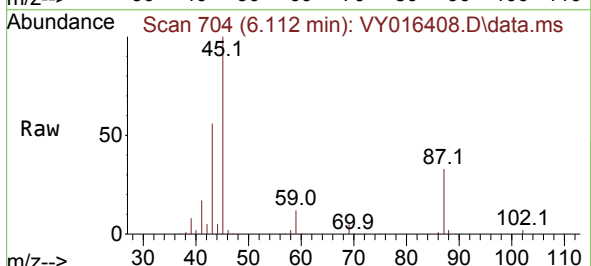
Instrument :
MSVOA_Y
ClientSampleId :



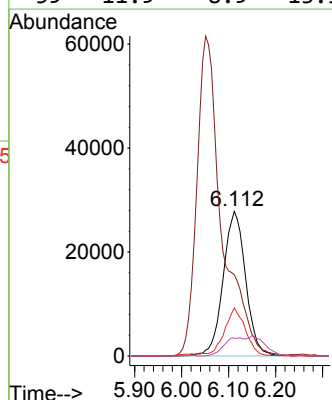
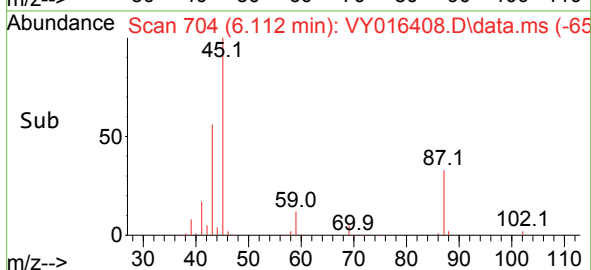
Tgt Ion: 96 Resp: 34273
Ion Ratio Lower Upper
96 100
61 126.3 110.2 165.4
98 65.2 51.8 77.6

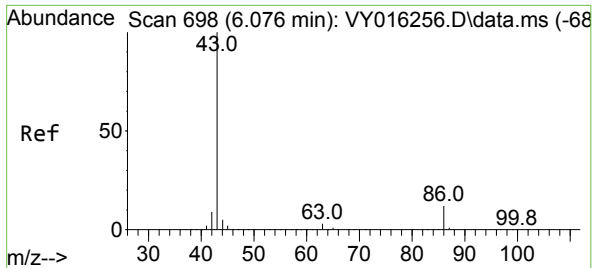


#22
Diisopropyl ether
Concen: 18.805 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.025 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15



Tgt Ion: 45 Resp: 92527
Ion Ratio Lower Upper
45 100
43 55.5 52.2 78.4
87 32.9 21.0 31.6#
59 11.9 8.9 13.3

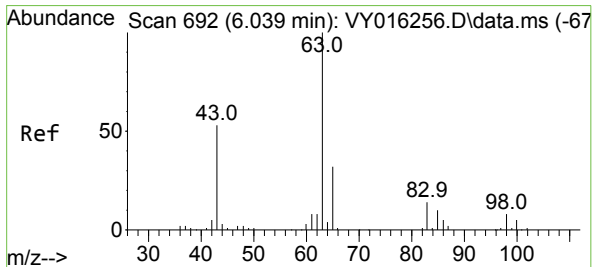
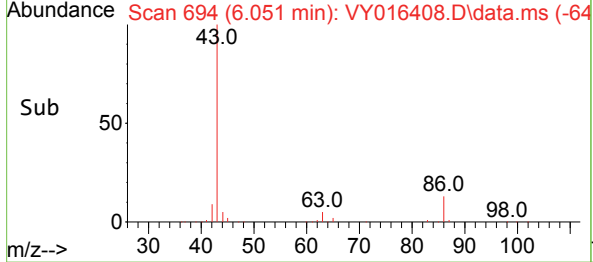
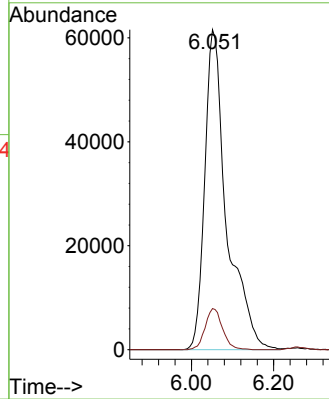
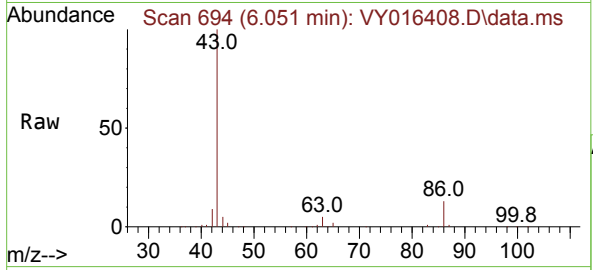




#23
 Vinyl Acetate
 Concen: 95.511 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.025 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

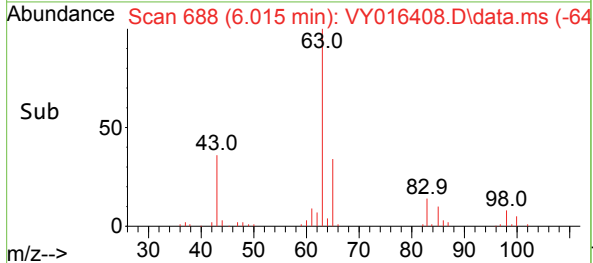
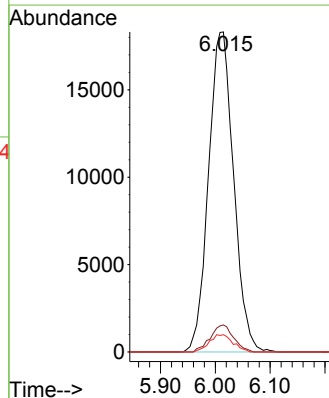
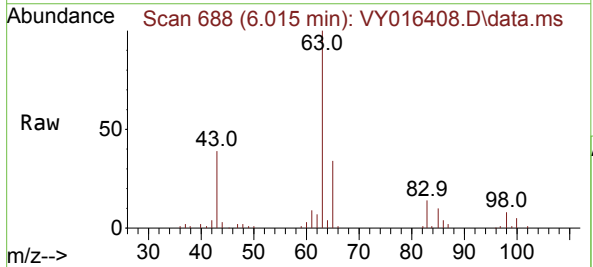
Instrument :
 MSVOA_Y
 ClientSampleId :

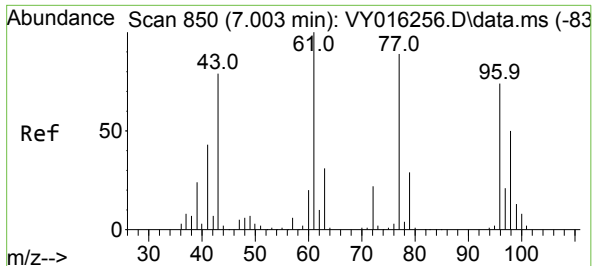
Tgt Ion: 43 Resp: 227714
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.150 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.025 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

Tgt Ion: 63 Resp: 58131
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 5.4 1.8 5.5





#25

2-Butanone

Concen: 117.020 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.025 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

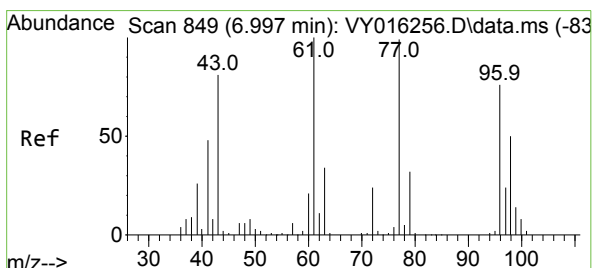
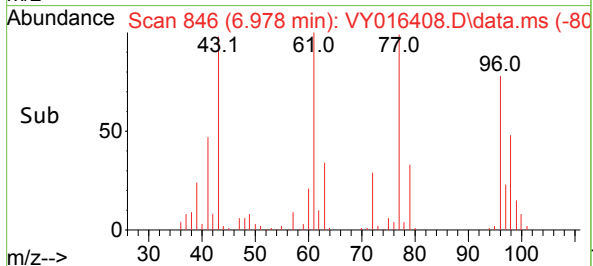
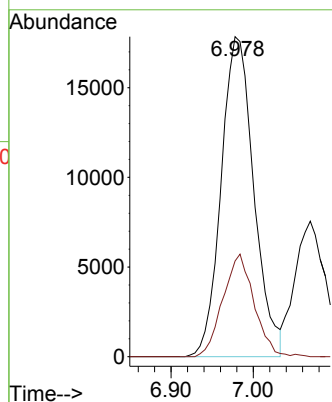
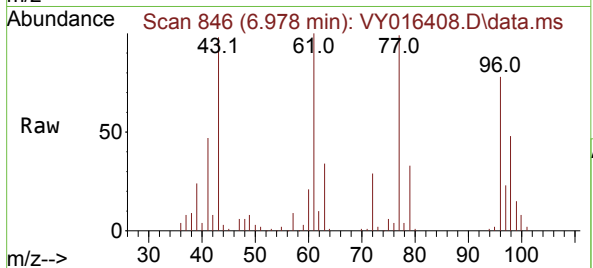
ClientSampleId :

Tgt Ion: 43 Resp: 49335

Ion Ratio Lower Upper

43 100

72 29.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.268 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.019 min

Lab File: VY016408.D

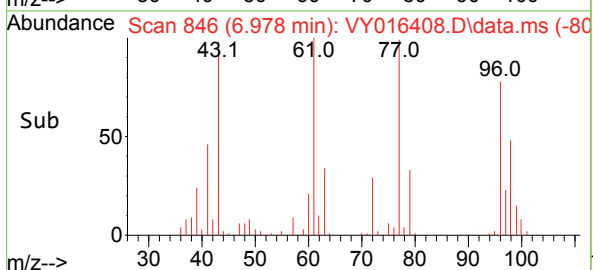
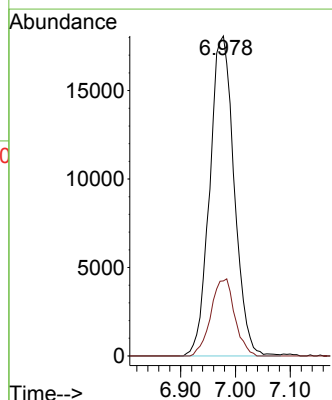
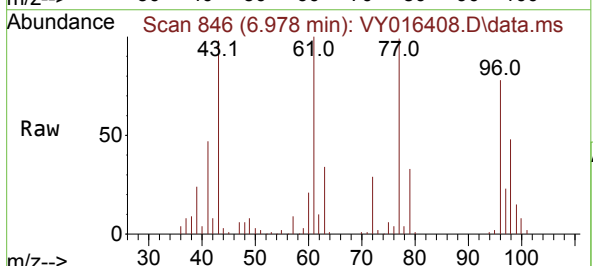
Acq: 17 Nov 2023 14:15

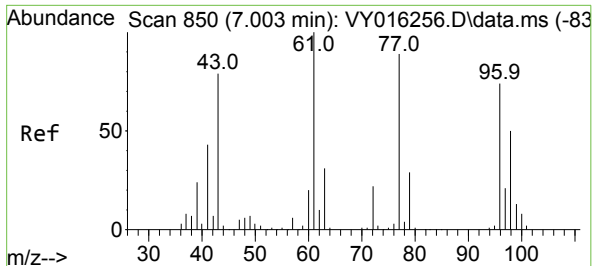
Tgt Ion: 77 Resp: 55995

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.221 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.025 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

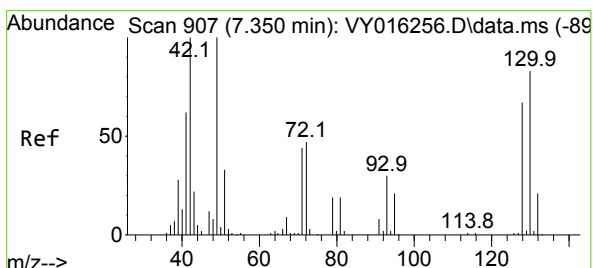
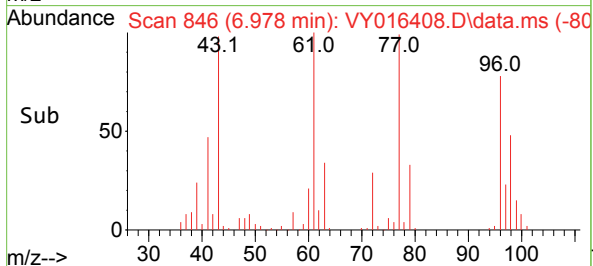
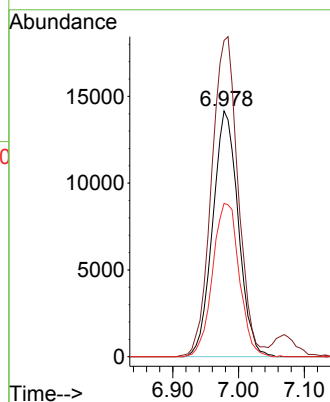
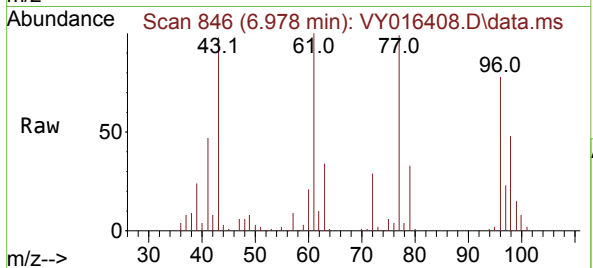
Tgt Ion: 96 Resp: 38373

Ion Ratio Lower Upper

96 100

61 135.3 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 19.413 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.025 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

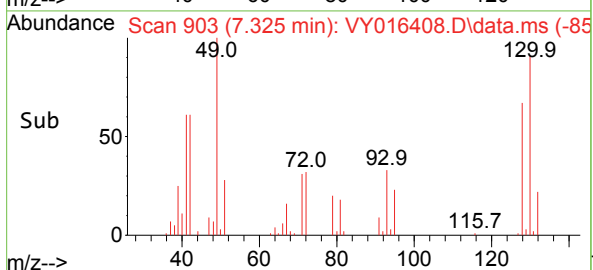
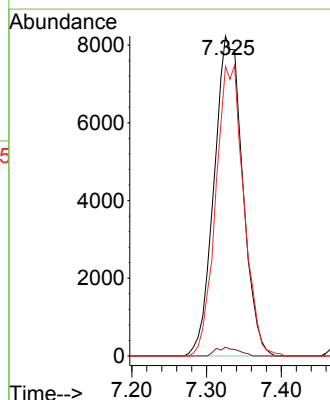
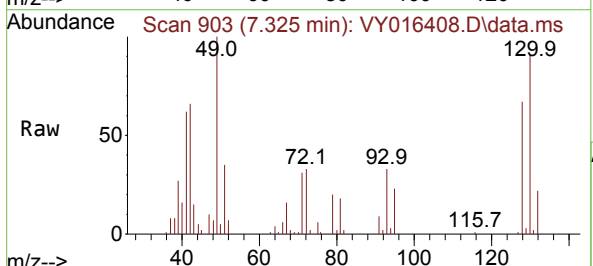
Tgt Ion: 49 Resp: 21809

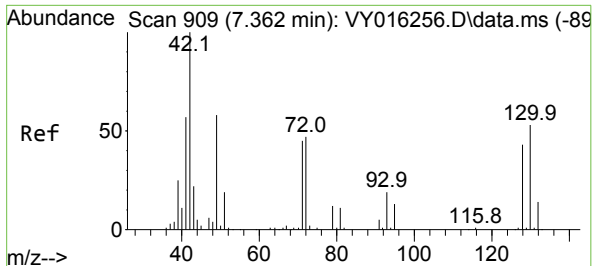
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 89.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 100.190 ug/l

RT: 7.350 min Scan# 909

Delta R.T. -0.013 min

Lab File: VY016408.D

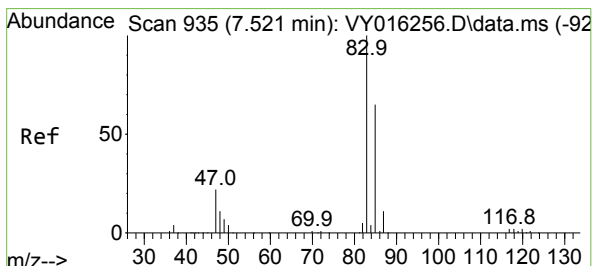
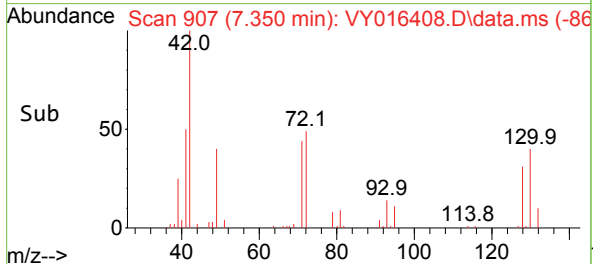
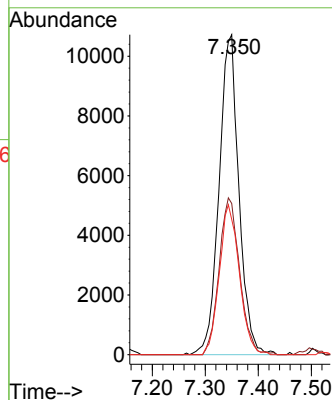
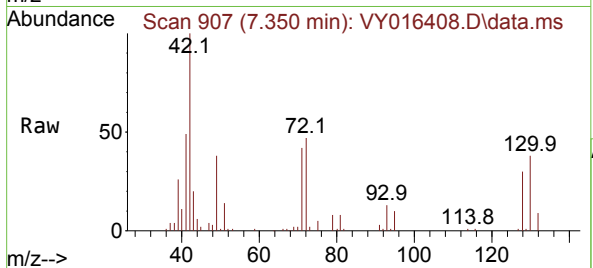
Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	27919
Ion	Ratio	Lower	Upper
42	100		
72	50.7	32.8	49.2#
71	47.2	31.0	46.4#



#30

Chloroform

Concen: 20.384 ug/l

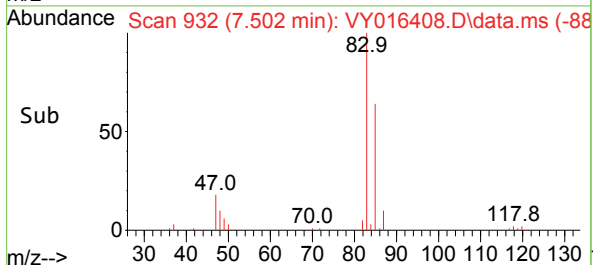
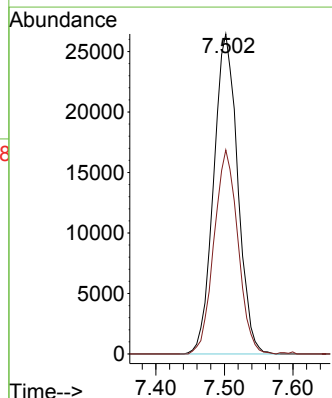
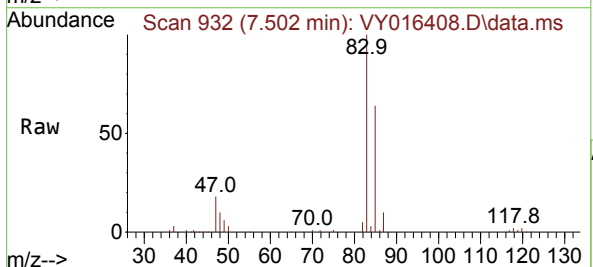
RT: 7.502 min Scan# 932

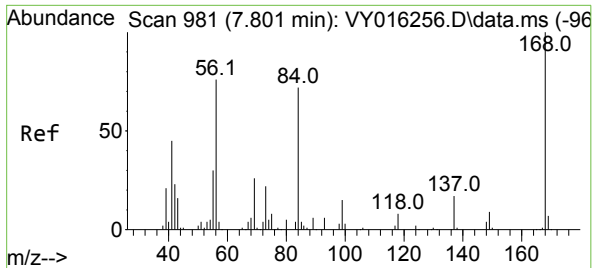
Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:	83	Resp:	64405
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5

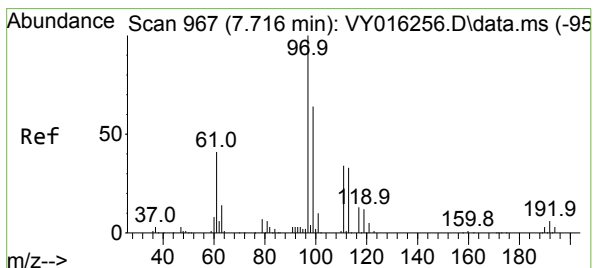
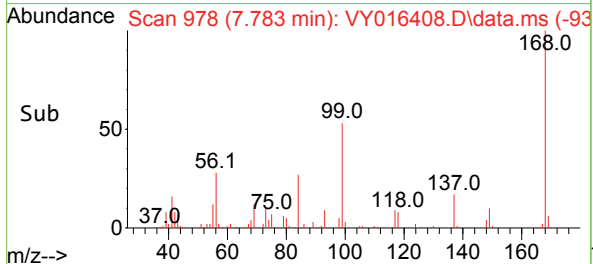
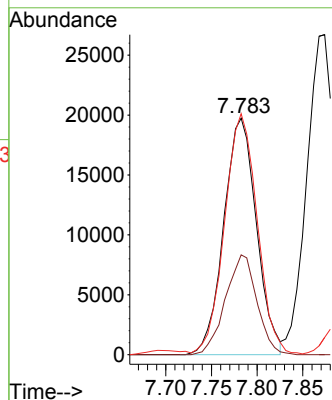
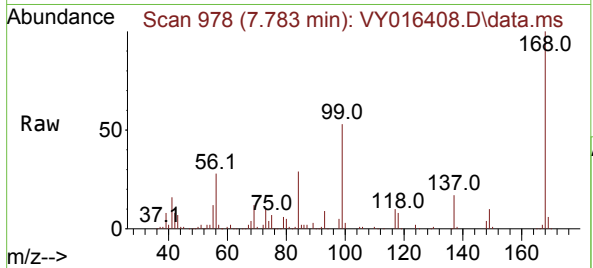




#31
Cyclohexane
Concen: 17.158 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

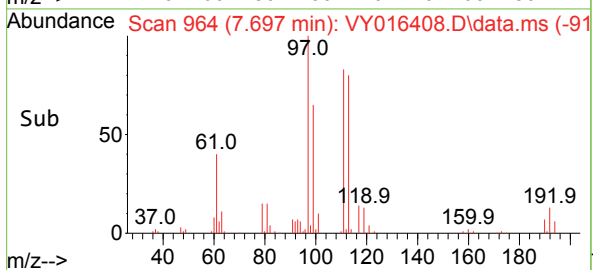
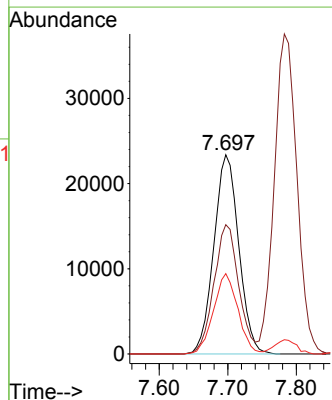
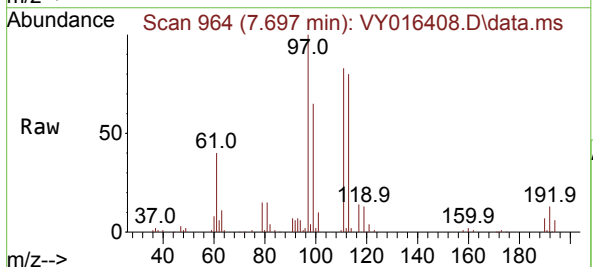
Instrument :
MSVOA_Y
ClientSampleId :

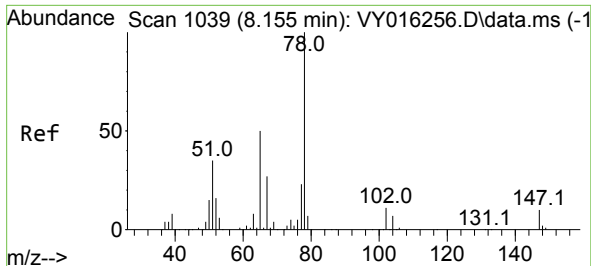
Tgt Ion: 56 Resp: 49156
Ion Ratio Lower Upper
56 100
69 42.2 27.8 41.6#
84 100.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.337 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 97 Resp: 58901
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 39.7 35.1 52.7

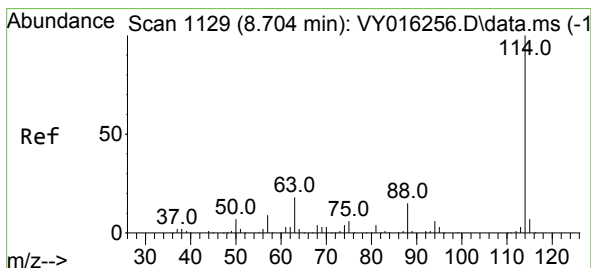
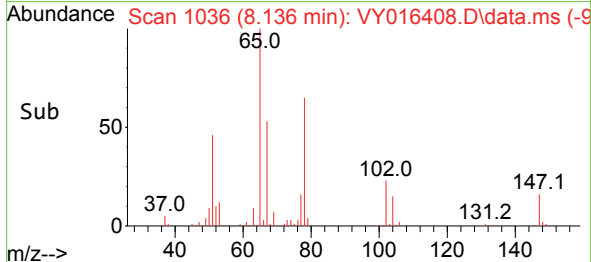
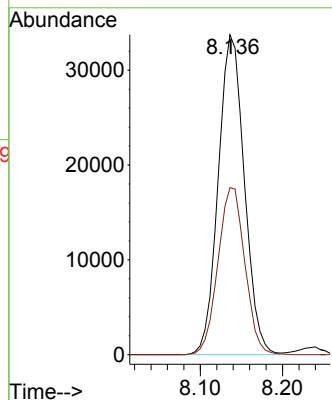
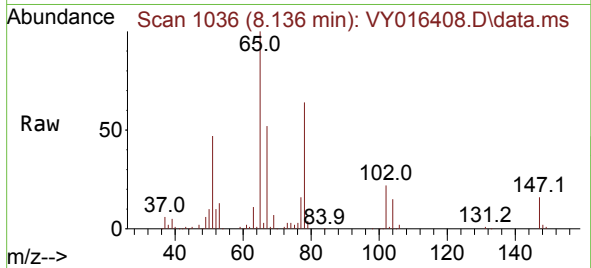




#33
 1,2-Dichloroethane-d4
 Concen: 51.157 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.019 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

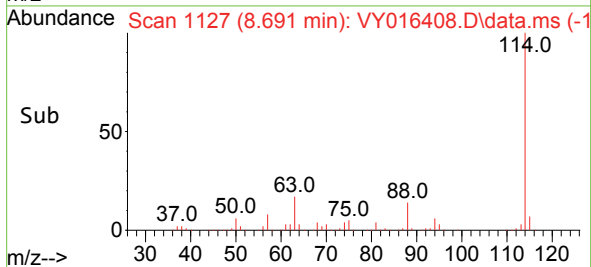
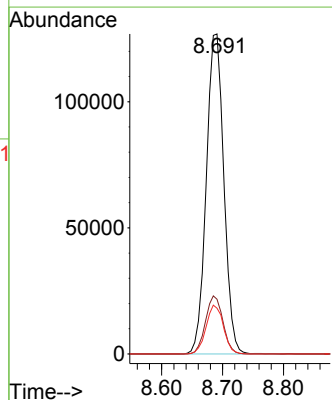
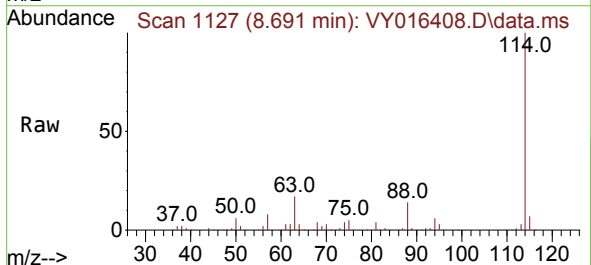
Instrument :
 MSVOA_Y
 ClientSampleId :

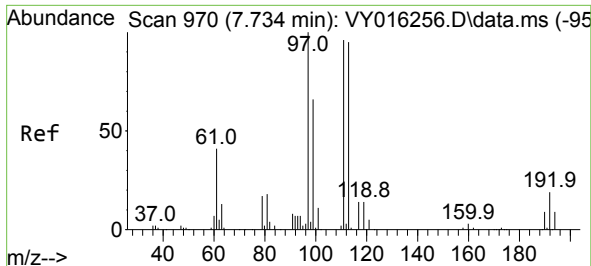
Tgt Ion: 65 Resp: 74440
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.013 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

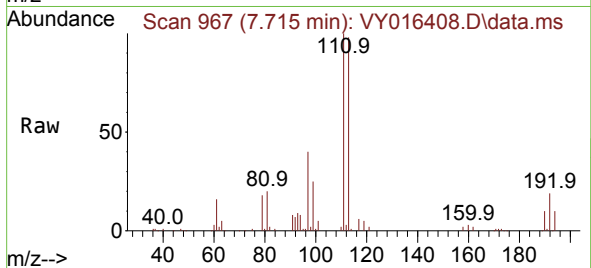
Tgt Ion: 114 Resp: 253597
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 14.3 0.0 30.6



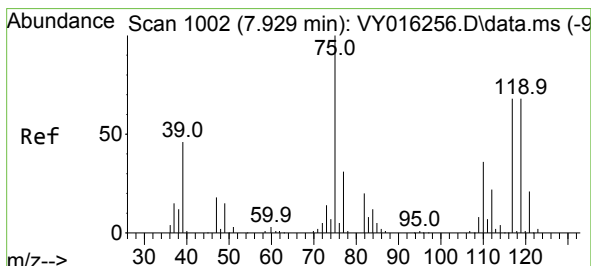
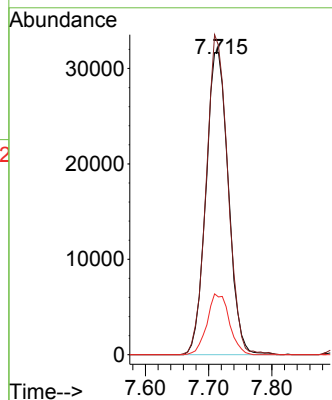
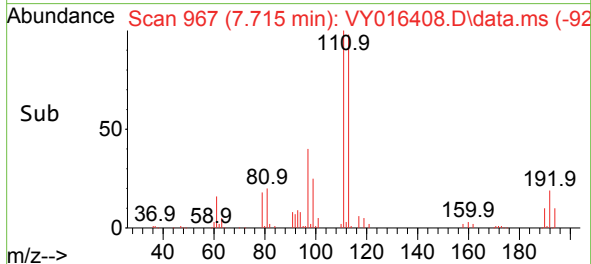


#35
Dibromofluoromethane
Concen: 54.355 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

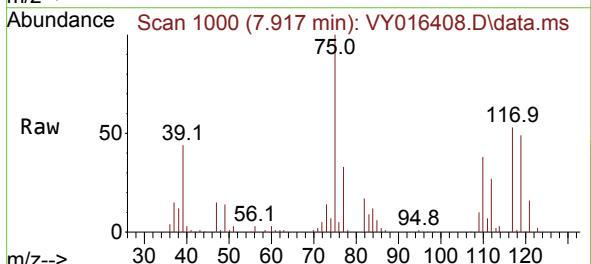
Instrument :
MSVOA_Y
ClientSampleId :



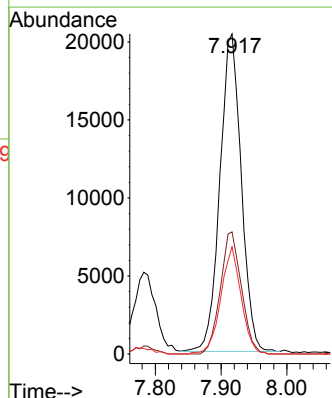
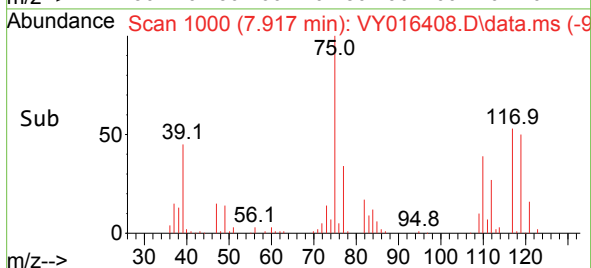
Tgt Ion:113 Resp: 78304
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.9 16.9 25.3

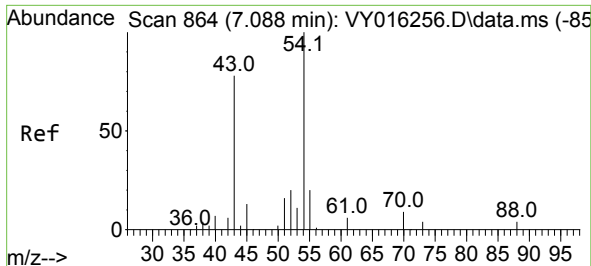


#36
1,1-Dichloropropene
Concen: 18.380 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15



Tgt Ion: 75 Resp: 45976
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 20.611 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

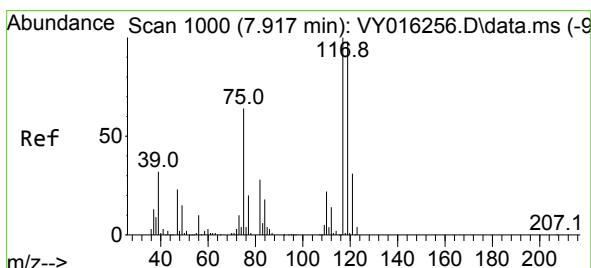
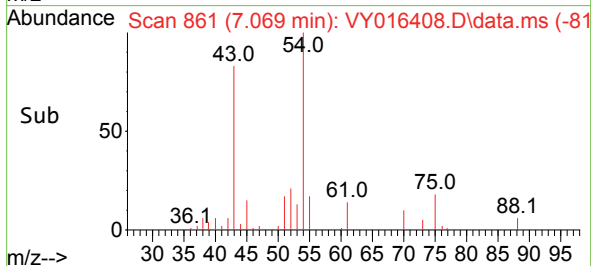
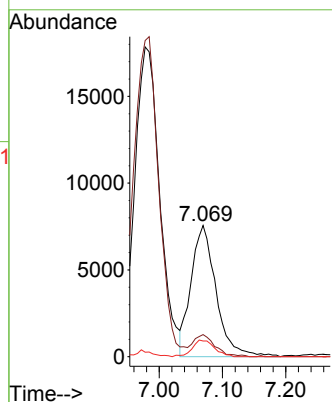
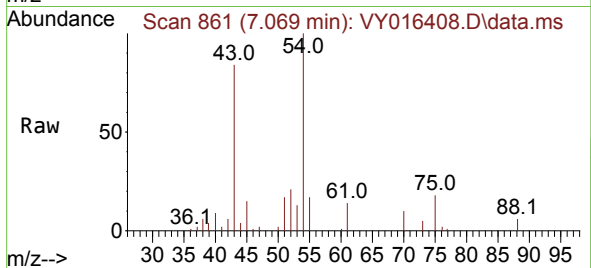
Tgt Ion: 43 Resp: 20832

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.520 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.019 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

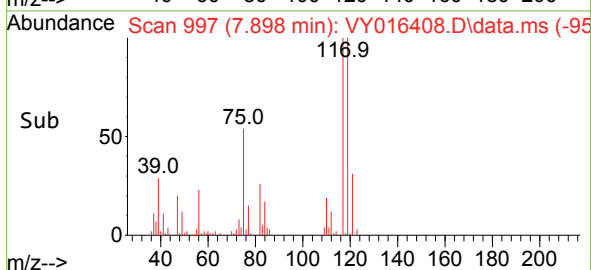
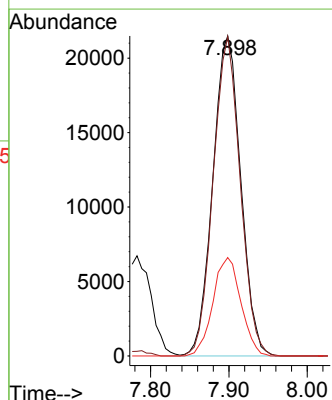
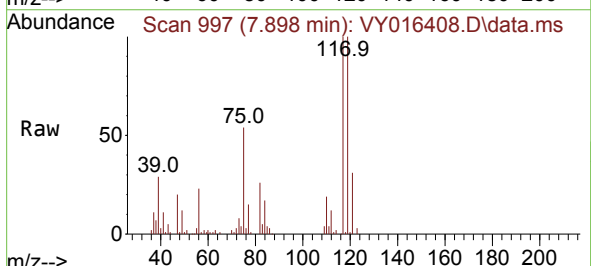
Tgt Ion: 117 Resp: 53274

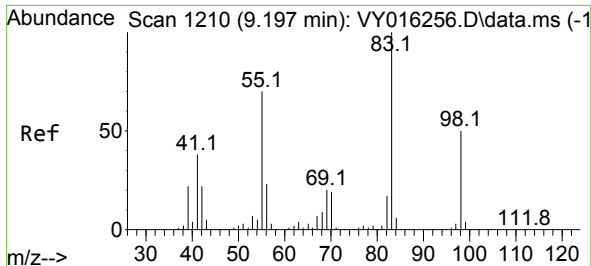
Ion Ratio Lower Upper

117 100

119 99.7 76.4 114.6

121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 17.925 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

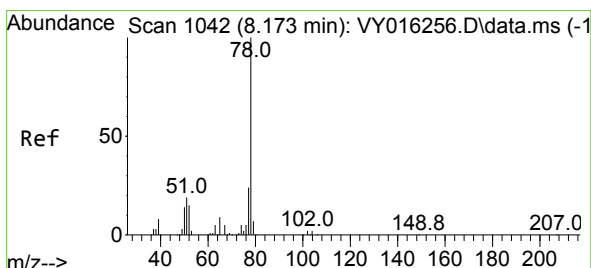
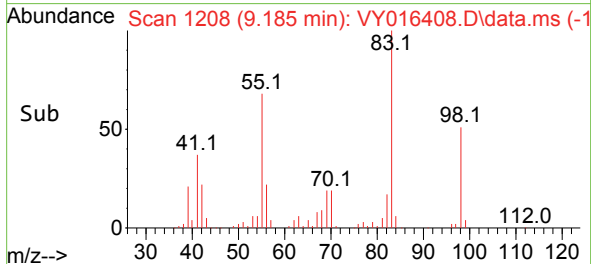
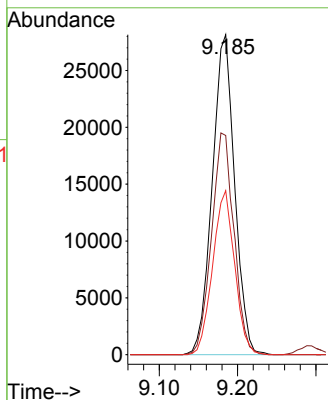
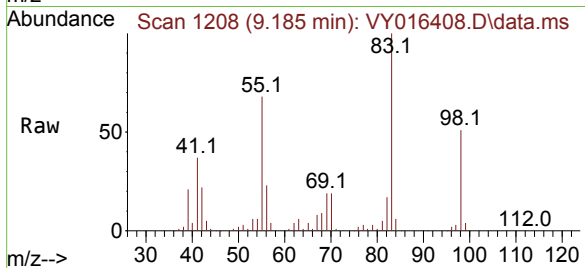
Tgt Ion: 83 Resp: 55871

Ion Ratio Lower Upper

83 100

55 68.5 63.0 94.4

98 51.2 37.4 56.2



#40

Benzene

Concen: 19.697 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.019 min

Lab File: VY016408.D

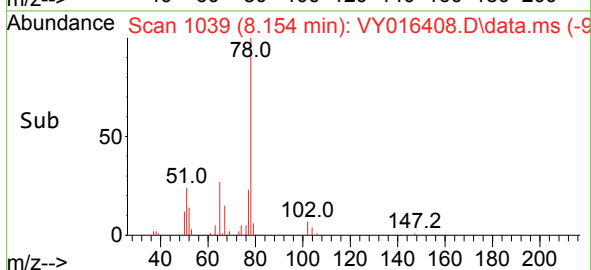
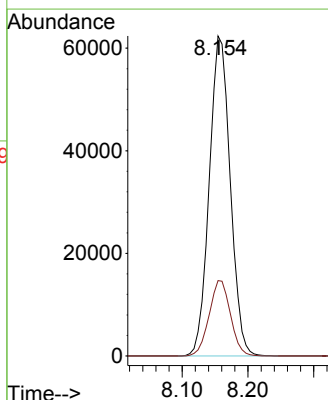
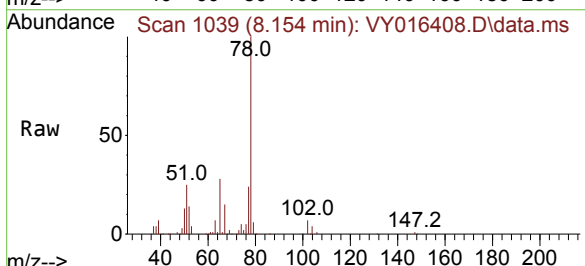
Acq: 17 Nov 2023 14:15

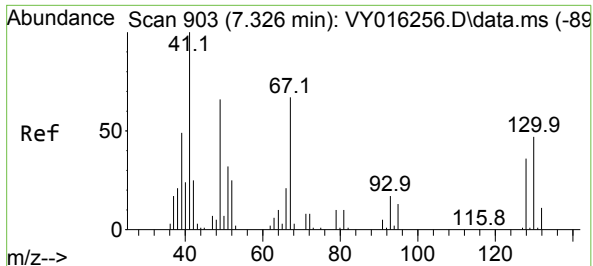
Tgt Ion: 78 Resp: 138428

Ion Ratio Lower Upper

78 100

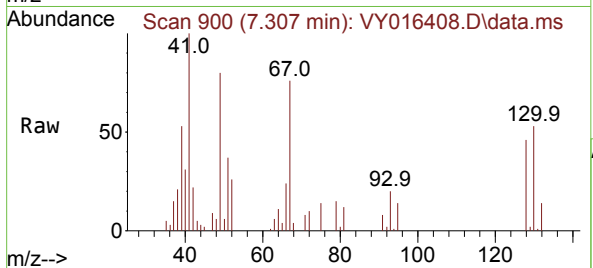
77 23.6 19.0 28.6



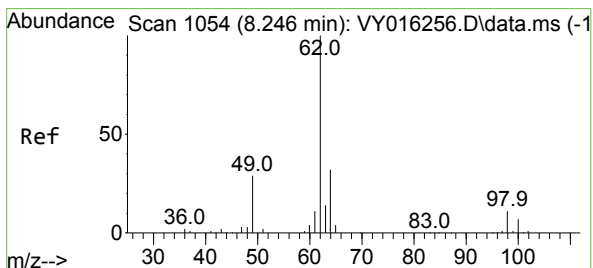
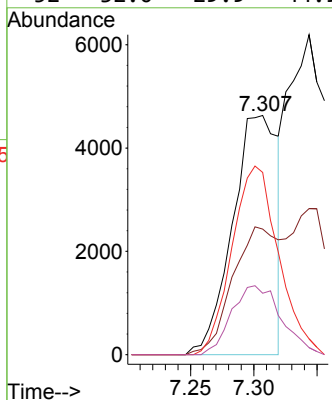
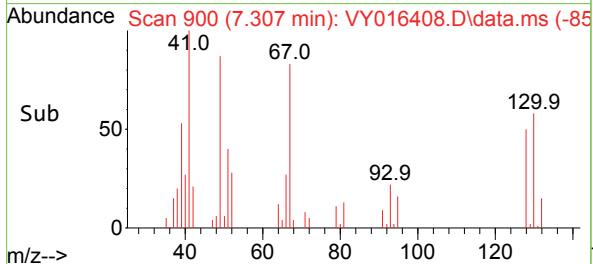


#41
Methacrylonitrile
Concen: 22.529 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.019 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :

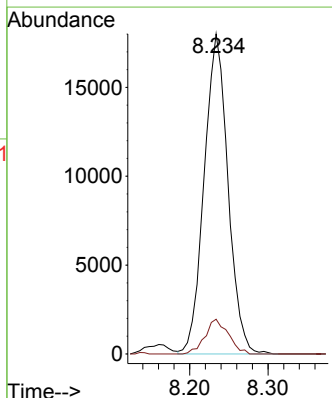
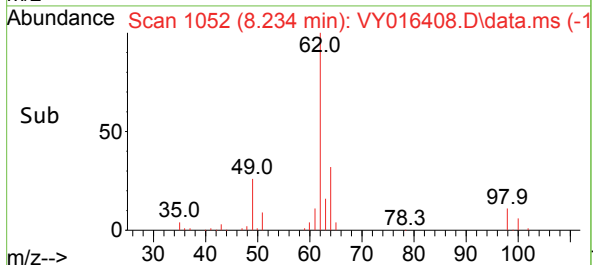
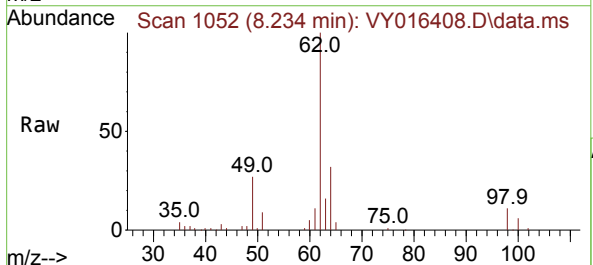


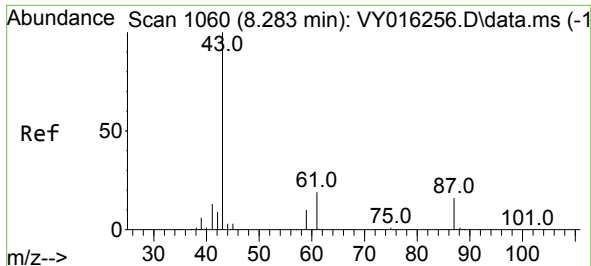
Tgt Ion: 41 Resp: 11481
Ion Ratio Lower Upper
41 100
39 53.0 52.1 78.1
67 81.4 66.2 99.2
52 32.0 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.900 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

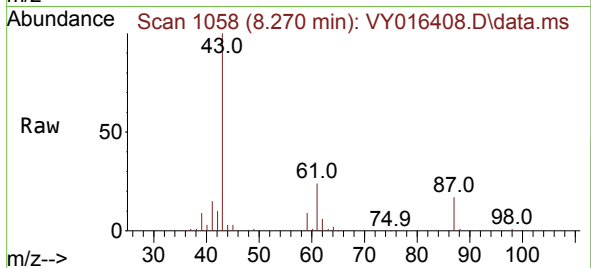
Tgt Ion: 62 Resp: 38058
Ion Ratio Lower Upper
62 100
98 10.6 0.0 15.8



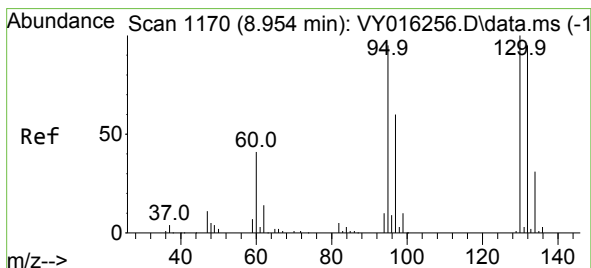
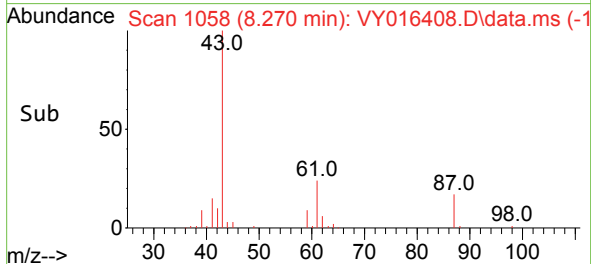
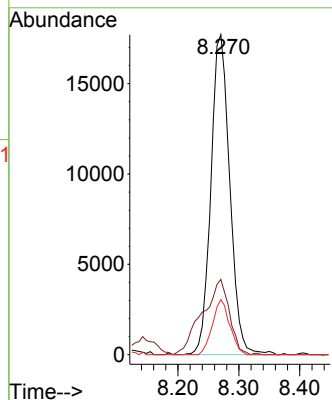


#43
Isopropyl Acetate
Concen: 19.535 ug/l
RT: 8.270 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :

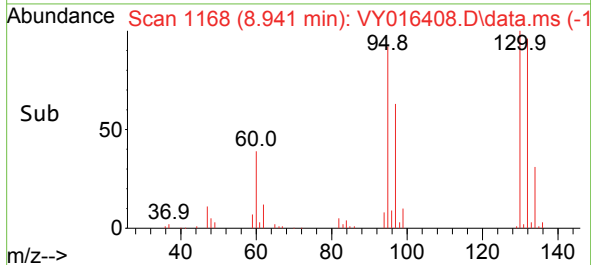
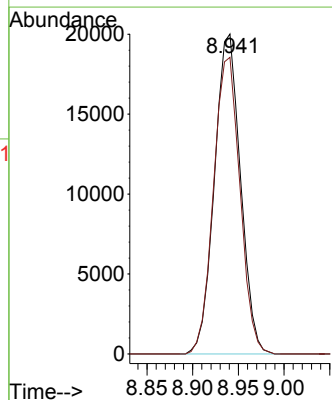
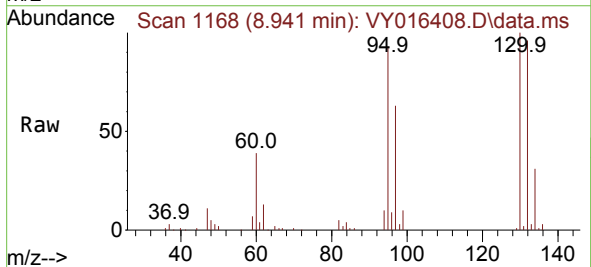


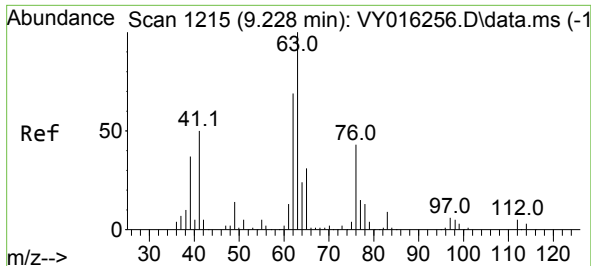
Tgt Ion: 43 Resp: 38165
Ion Ratio Lower Upper
43 100
61 33.5 21.1 31.7#
87 15.8 9.8 14.8#



#44
Trichloroethene
Concen: 19.650 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:130 Resp: 39689
Ion Ratio Lower Upper
130 100
95 92.7 0.0 196.0

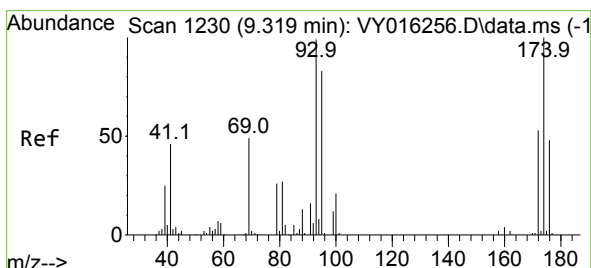
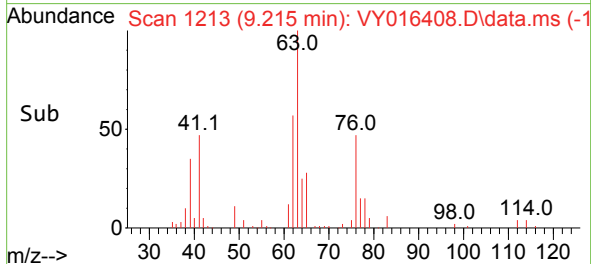
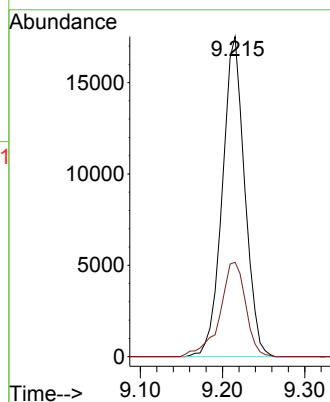
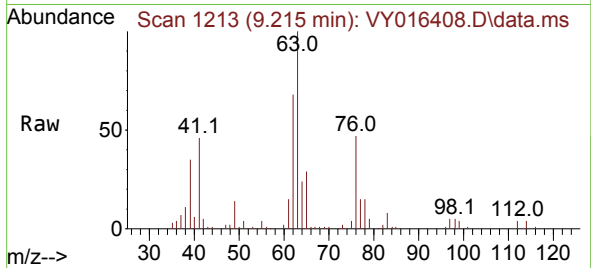




#45
1,2-Dichloropropane
Concen: 19.625 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

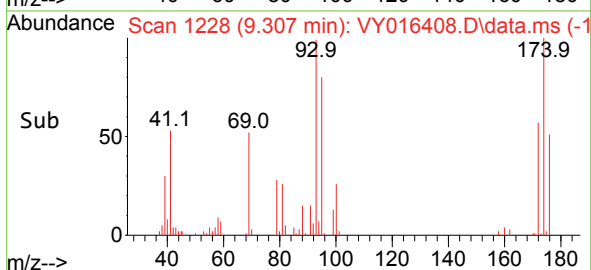
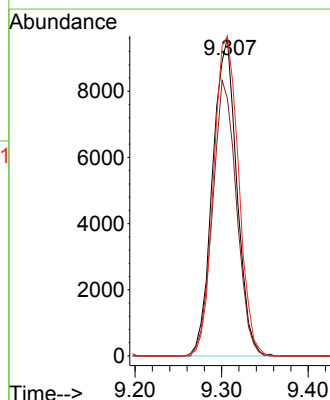
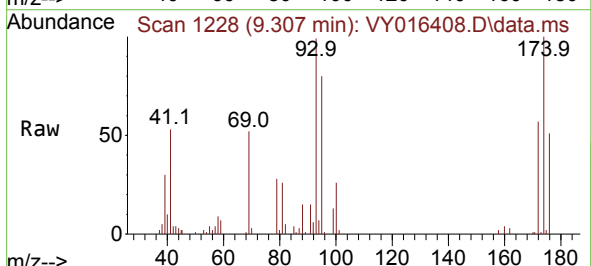
Instrument :
MSVOA_Y
ClientSampleId :

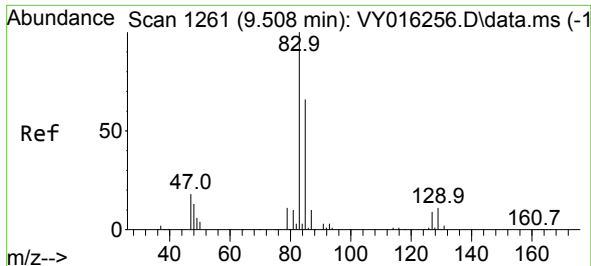
Tgt Ion: 63 Resp: 33124
Ion Ratio Lower Upper
63 100
65 29.5 23.8 35.6



#46
Dibromomethane
Concen: 20.370 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 93 Resp: 18631
Ion Ratio Lower Upper
93 100
95 85.6 66.6 100.0
174 103.8 84.8 127.2





#47

Bromodichloromethane

Concen: 20.703 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.013 min

Lab File: VY016408.D

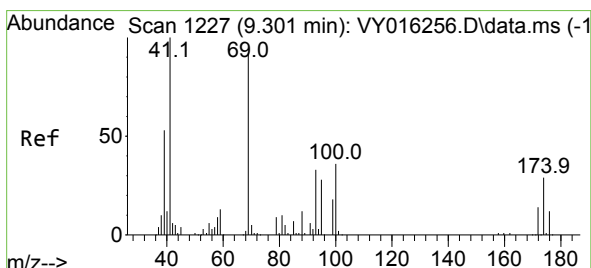
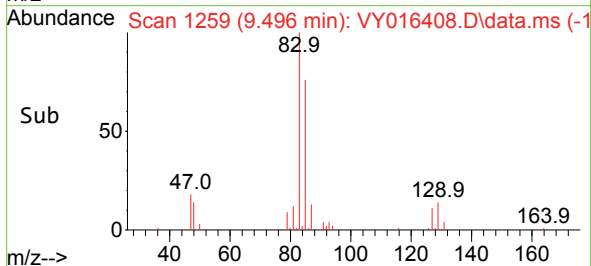
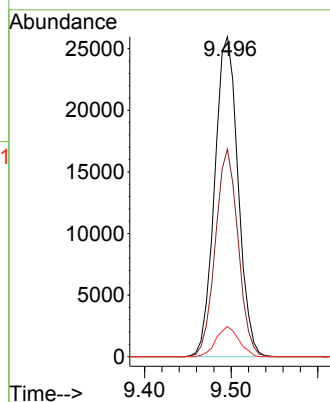
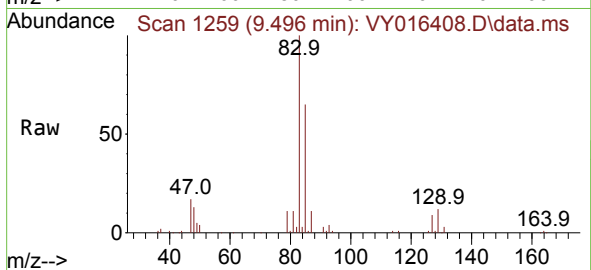
Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 48681
Ion Ratio	Lower Upper
83	100
85	64.9 50.1 75.1
127	9.4 7.1 10.7



#48

Methyl methacrylate

Concen: 19.628 ug/l

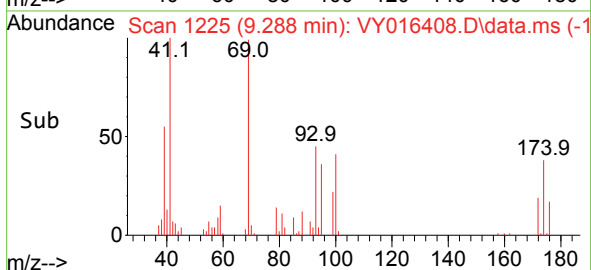
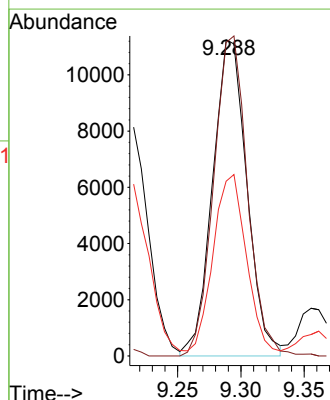
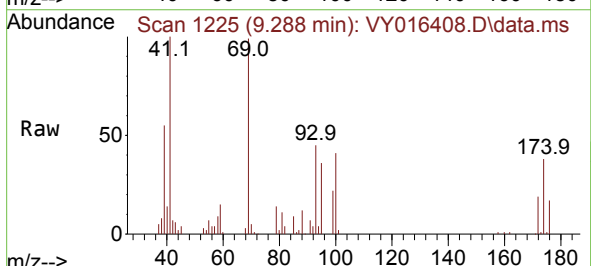
RT: 9.288 min Scan# 1225

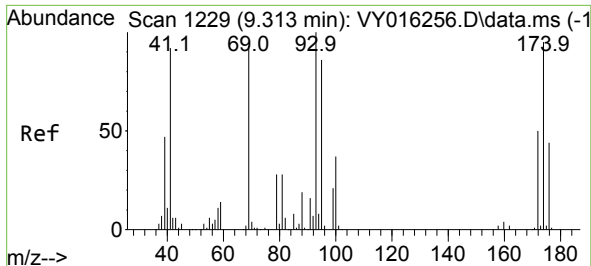
Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion: 41	Resp: 21193
Ion Ratio	Lower Upper
41	100
69	99.6 64.5 96.7
39	53.7 50.8 76.2





#49

1,4-Dioxane

Concen: 430.476 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.019 min

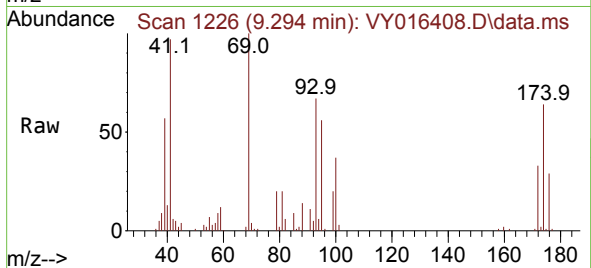
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :



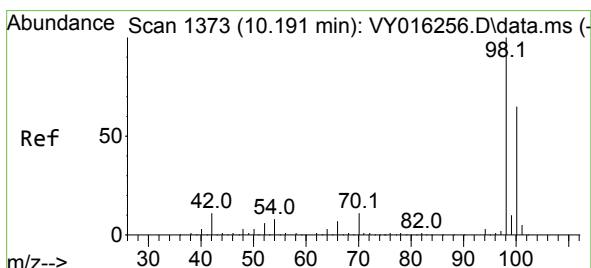
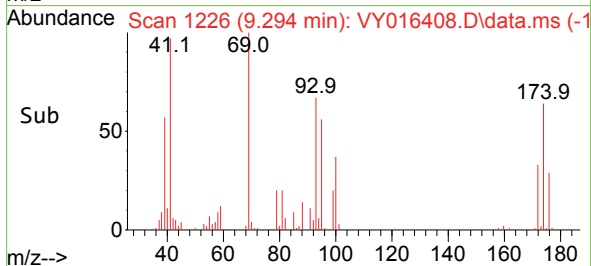
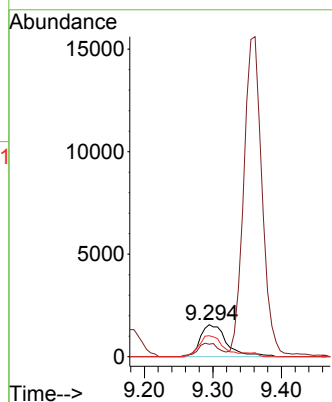
Tgt Ion: 88 Resp: 4180

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0#

58 60.9 30.9 46.3#



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.013 min

Lab File: VY016408.D

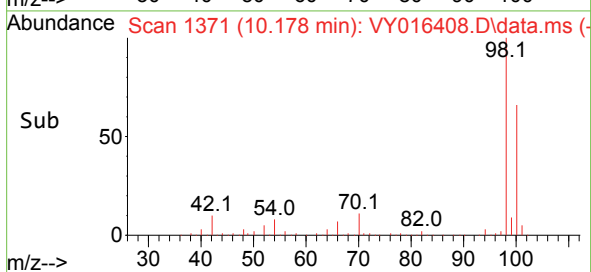
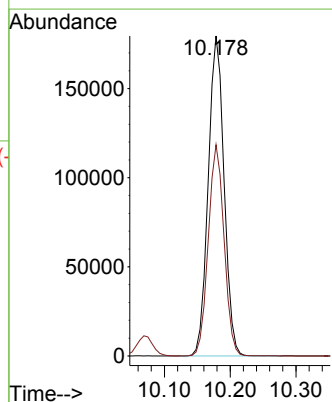
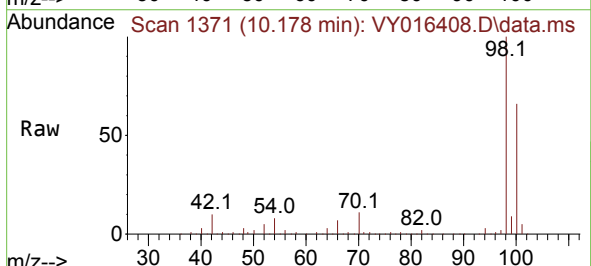
Acq: 17 Nov 2023 14:15

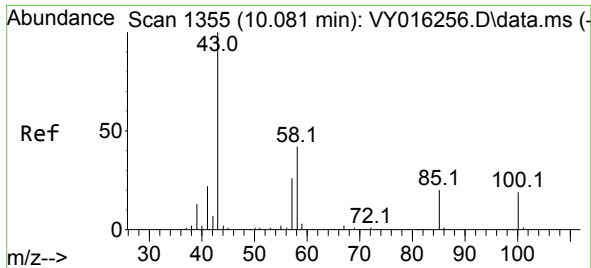
Tgt Ion: 98 Resp: 301215

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 102.690 ug/l

RT: 10.069 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

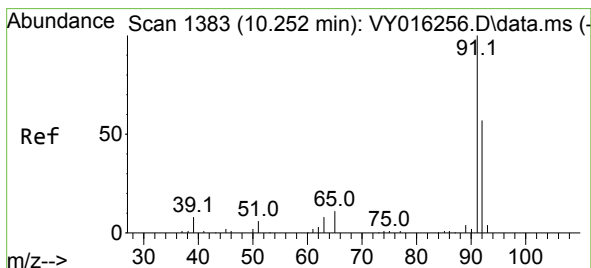
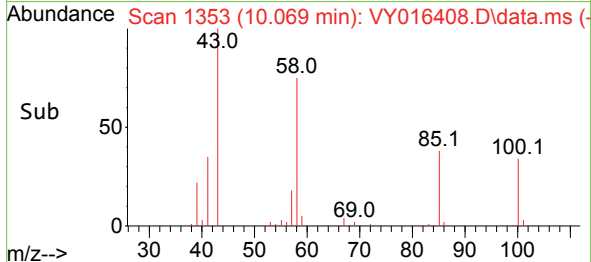
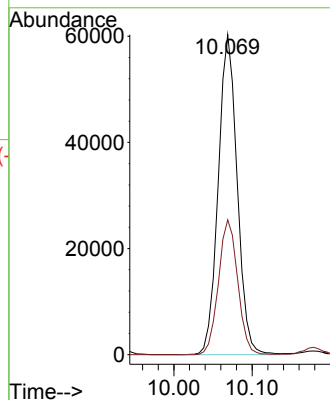
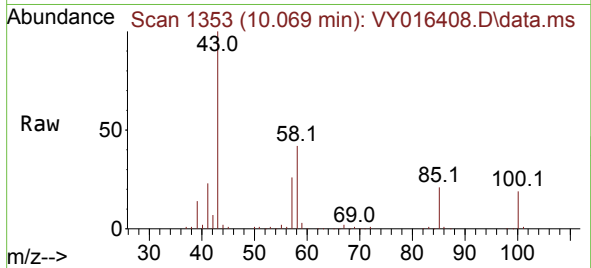
ClientSampleId :

Tgt Ion: 43 Resp: 101451

Ion Ratio Lower Upper

43 100

58 42.8 29.0 43.6



#52

Toluene

Concen: 19.720 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. -0.007 min

Lab File: VY016408.D

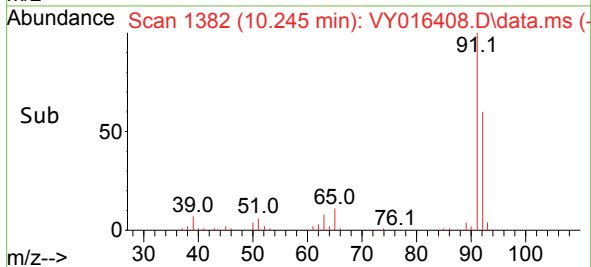
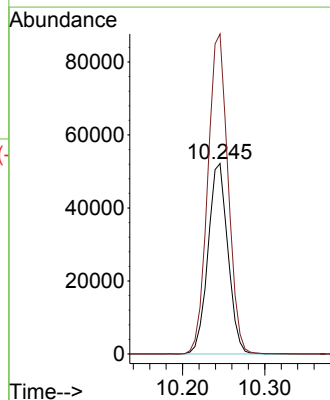
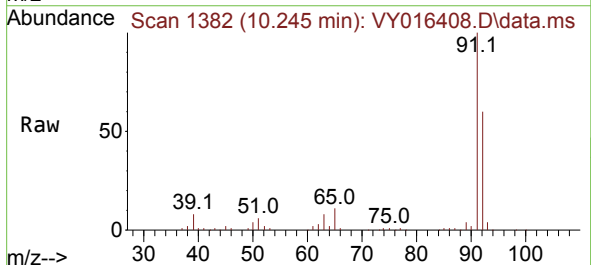
Acq: 17 Nov 2023 14:15

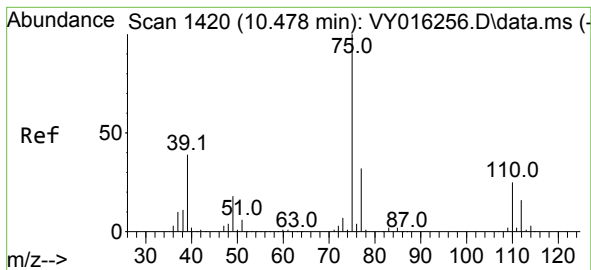
Tgt Ion: 92 Resp: 87605

Ion Ratio Lower Upper

92 100

91 171.5 143.8 215.6

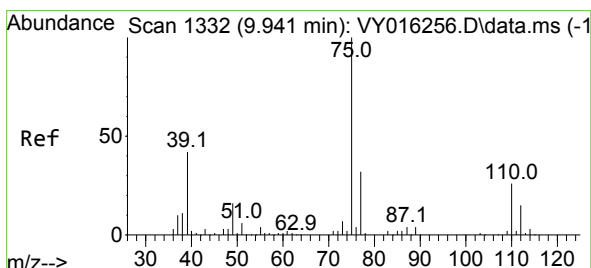
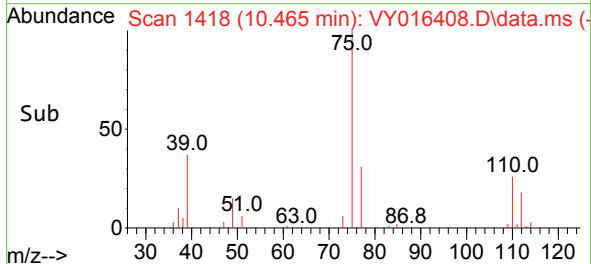
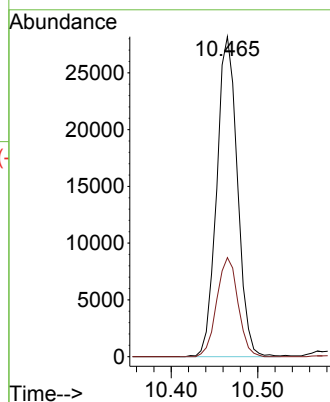
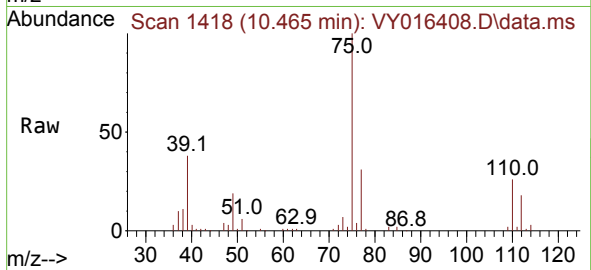




#53
t-1,3-Dichloropropene
Concen: 20.516 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

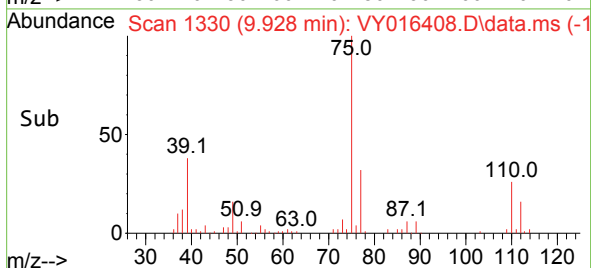
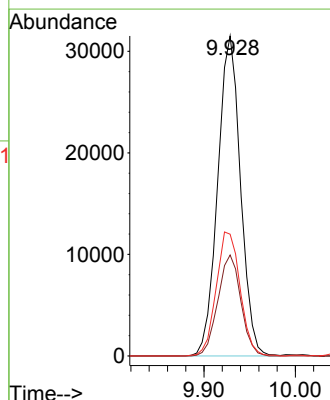
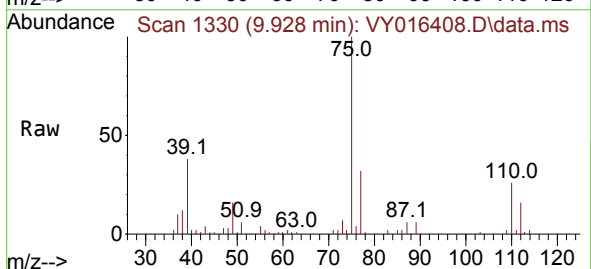
Instrument :
MSVOA_Y
ClientSampleId :

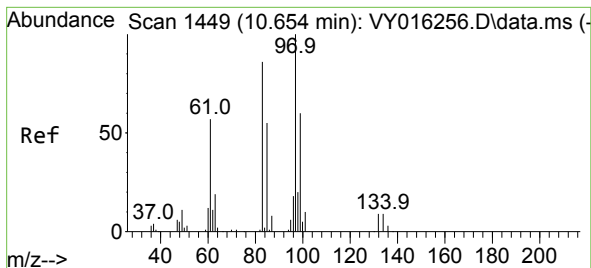
Tgt Ion: 75 Resp: 46766
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.063 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 75 Resp: 54625
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 38.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.725 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.013 min

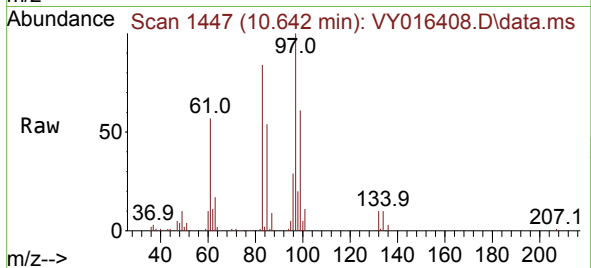
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 27387

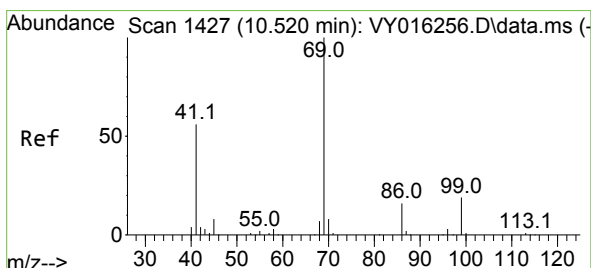
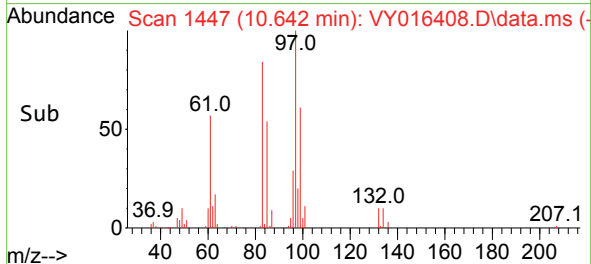
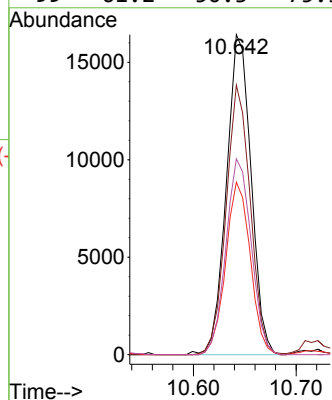
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 53.9 45.4 68.0

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.625 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

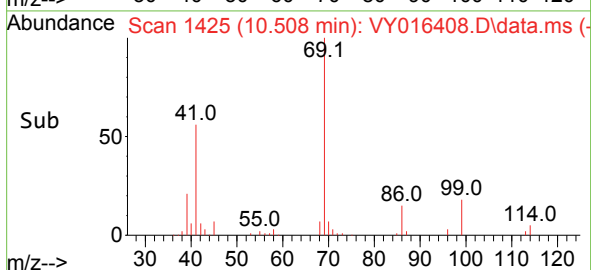
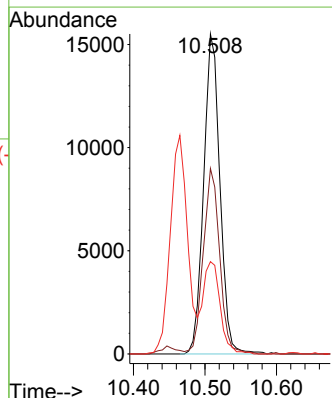
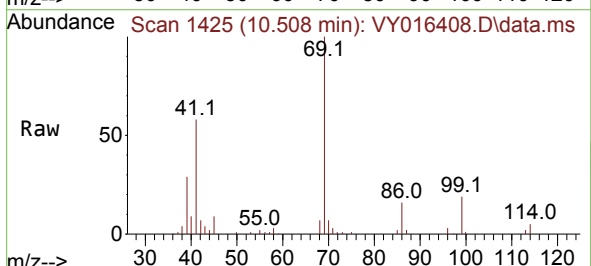
Tgt Ion: 69 Resp: 24544

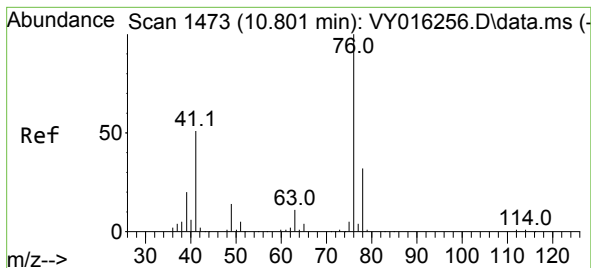
Ion Ratio Lower Upper

69 100

41 58.4 57.6 86.4

39 30.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.718 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.013 min

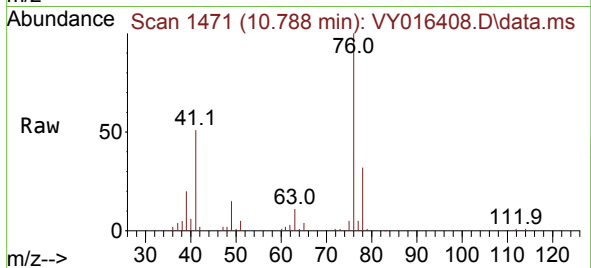
Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

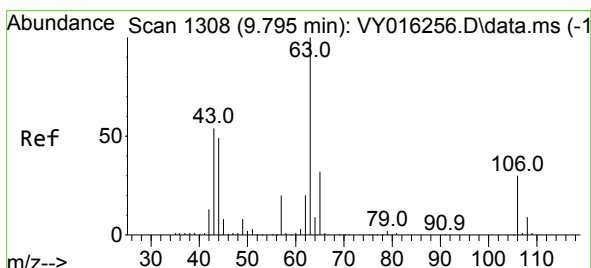
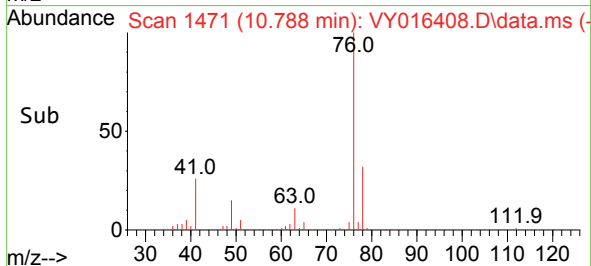
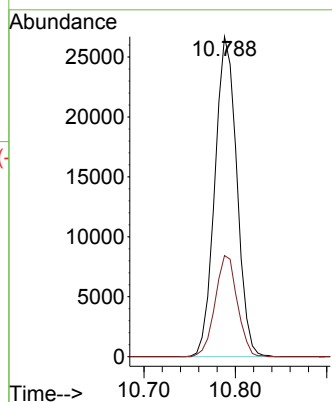


Tgt Ion: 76 Resp: 44521

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.517 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.013 min

Lab File: VY016408.D

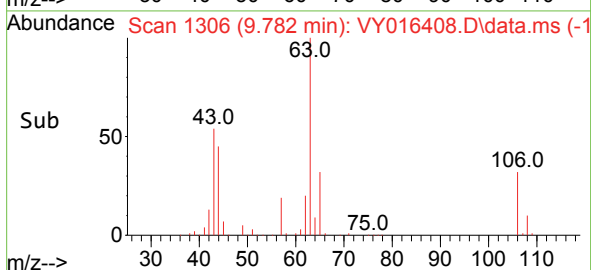
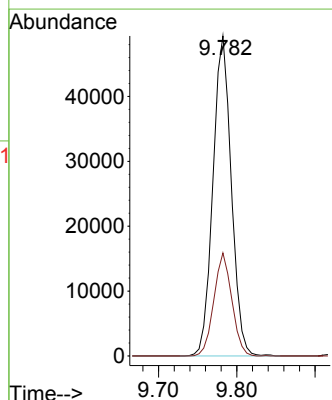
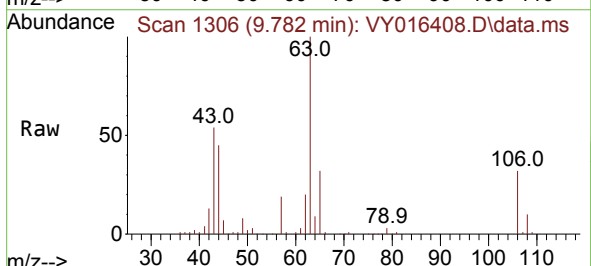
Acq: 17 Nov 2023 14:15

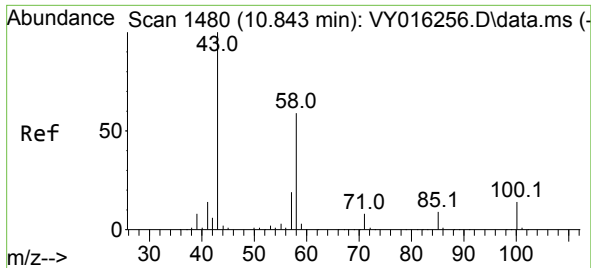
Tgt Ion: 63 Resp: 80301

Ion Ratio Lower Upper

63 100

106 31.5 21.2 31.8

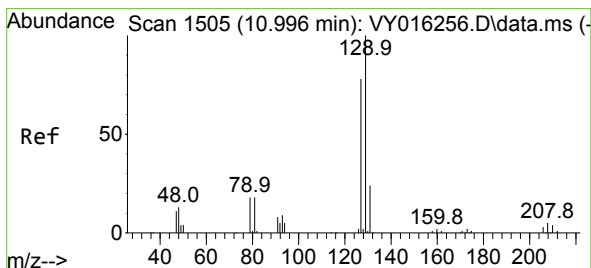
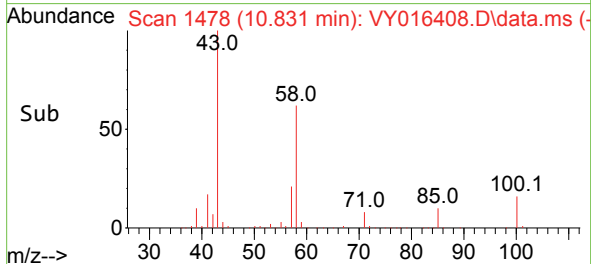
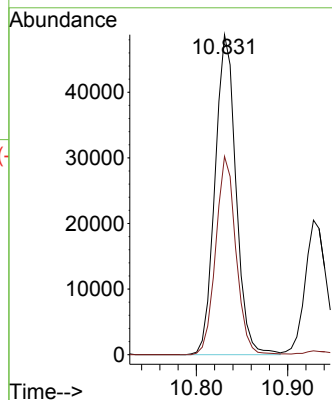
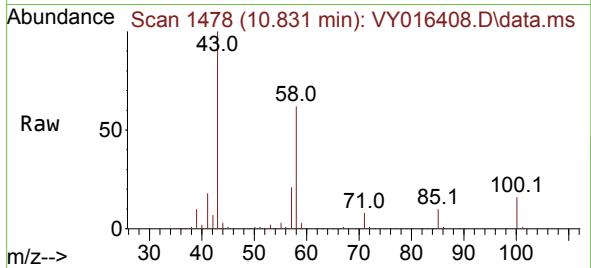




#59
2-Hexanone
Concen: 105.805 ug/l
RT: 10.831 min Scan# 14
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

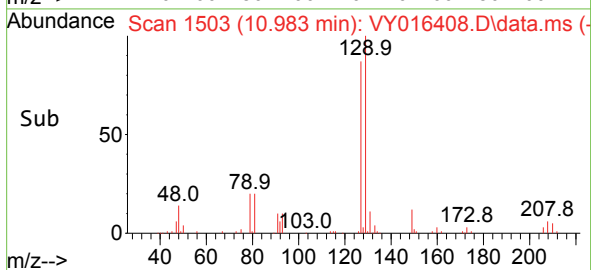
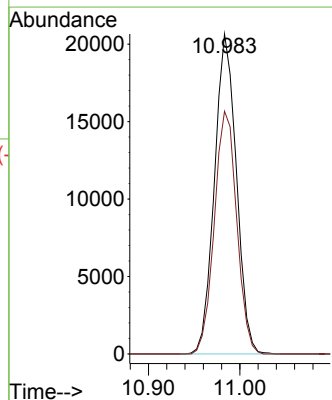
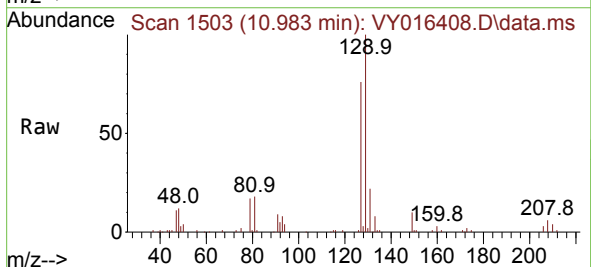
Instrument :
MSVOA_Y
ClientSampleId :

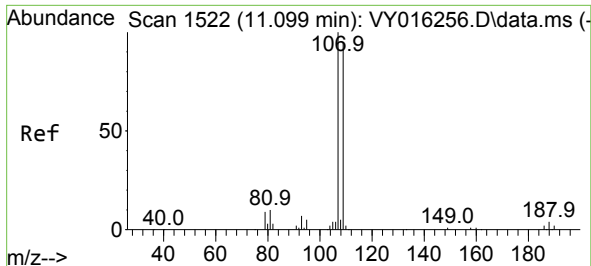
Tgt Ion: 43 Resp: 77751
Ion Ratio Lower Upper
43 100
58 59.9 25.1 75.3



#60
Dibromochloromethane
Concen: 21.826 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 129 Resp: 34412
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

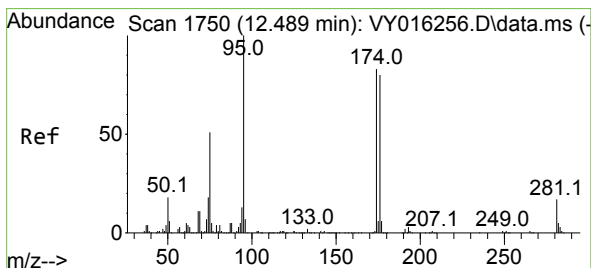
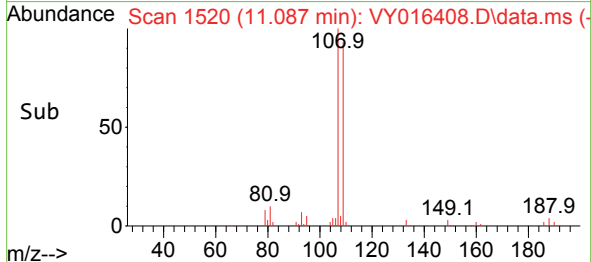
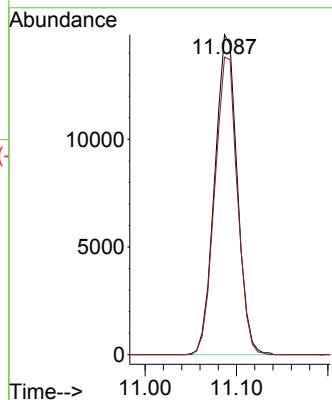
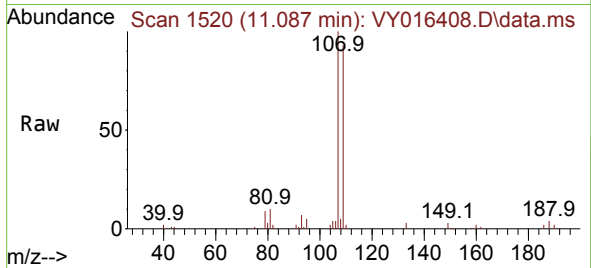




#61
1,2-Dibromoethane
Concen: 21.177 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

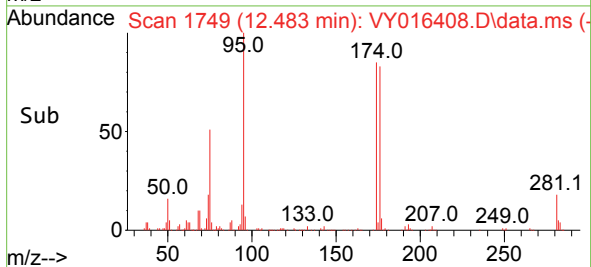
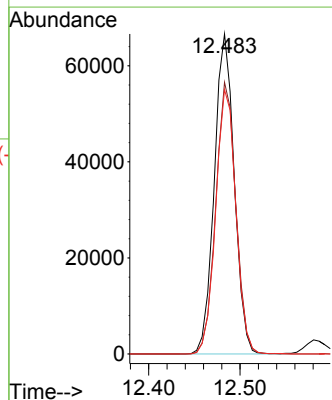
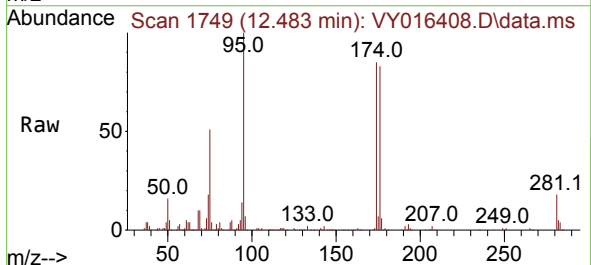
Instrument :
MSVOA_Y
ClientSampleId :

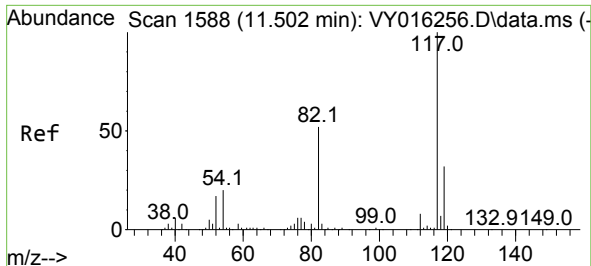
Tgt Ion:107 Resp: 25434
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

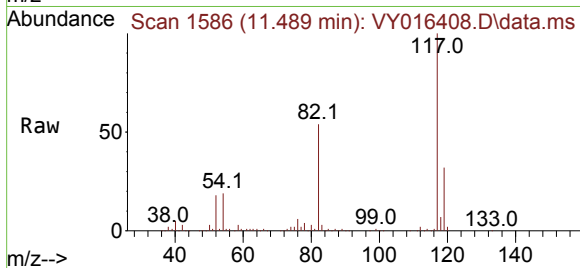
Tgt Ion: 95 Resp: 100997
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.6 0.0 173.8



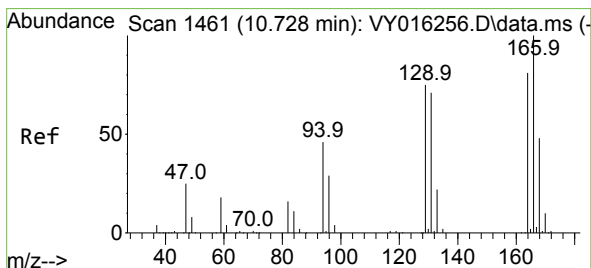
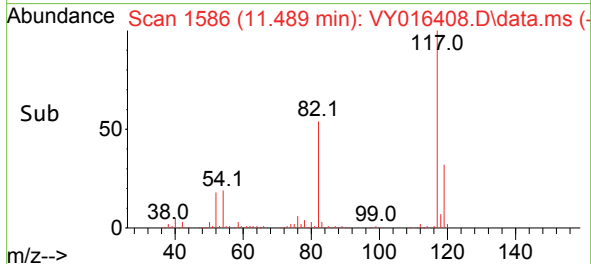
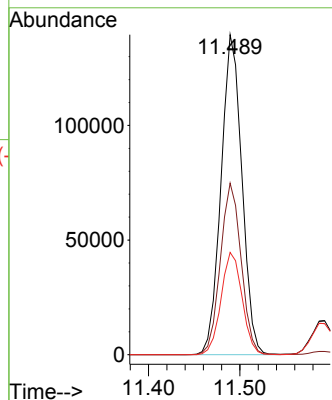


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :

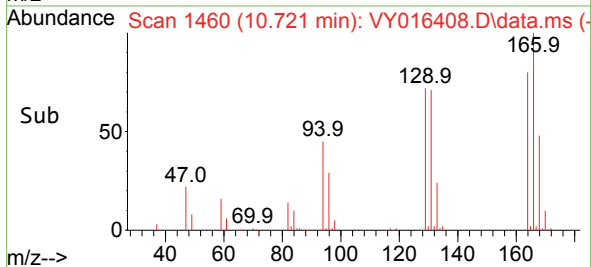
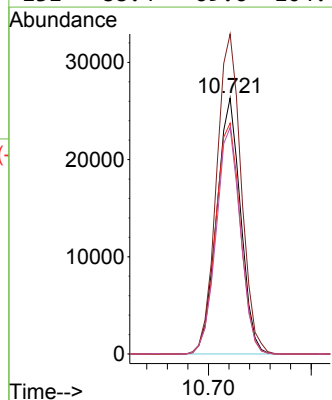
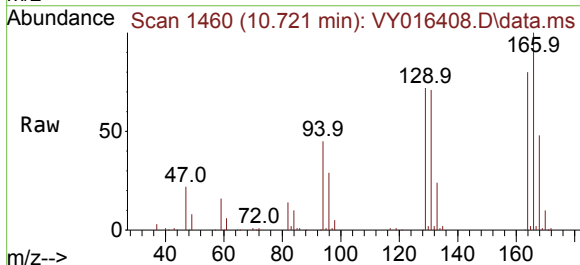


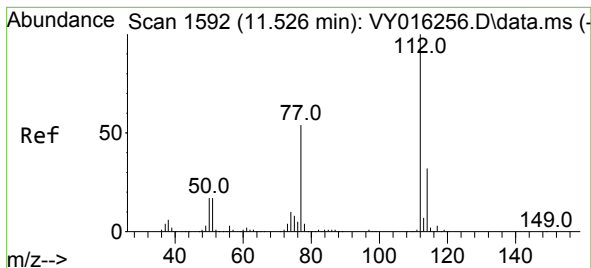
Tgt Ion:117 Resp: 221730
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 21.439 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion:164 Resp: 42684
Ion Ratio Lower Upper
164 100
166 125.0 103.0 154.6
129 90.2 77.2 115.8
131 88.4 69.6 104.4





#65

Chlorobenzene

Concen: 20.100 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

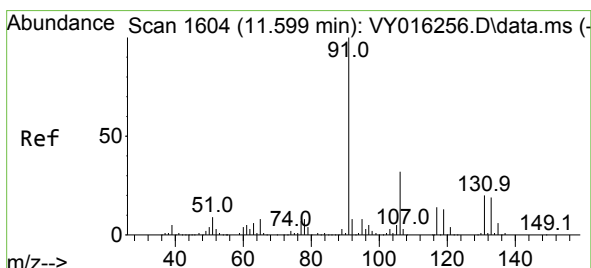
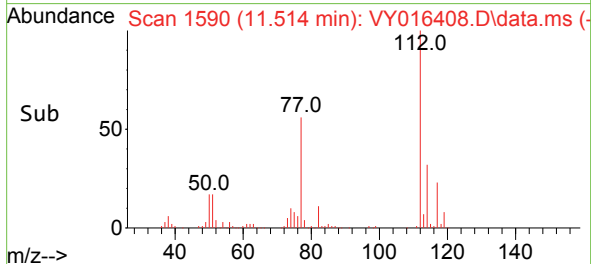
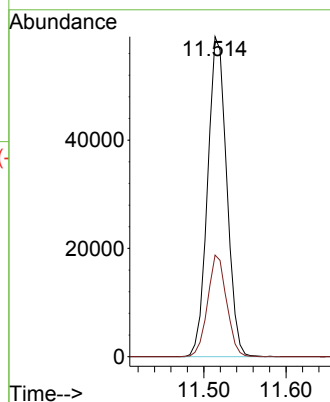
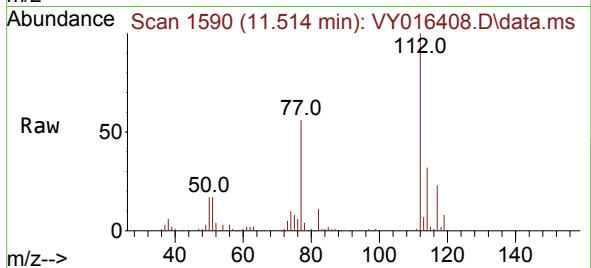
ClientSampleId :

Tgt Ion:112 Resp: 95221

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.922 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

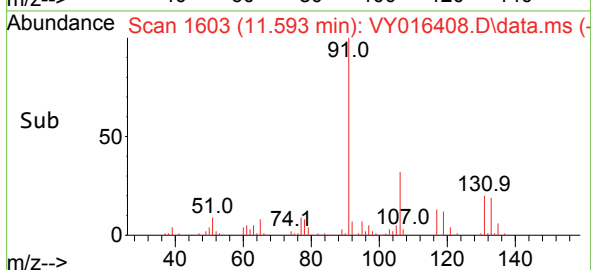
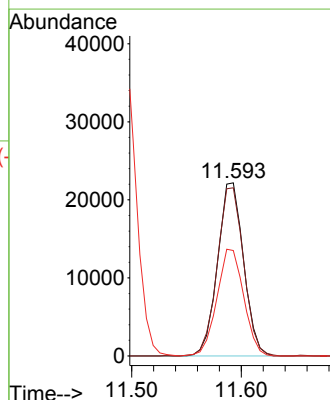
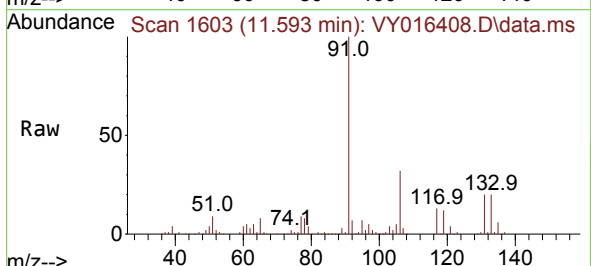
Tgt Ion:131 Resp: 36556

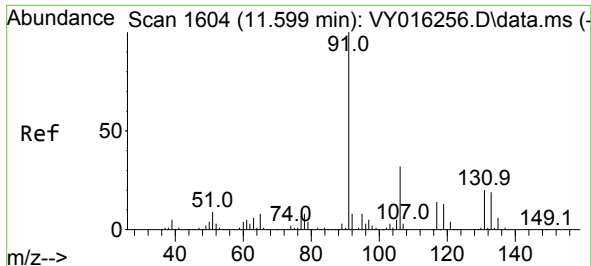
Ion Ratio Lower Upper

131 100

133 98.9 47.5 142.6

119 63.5 31.6 94.7





#67

Ethyl Benzene

Concen: 19.662 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

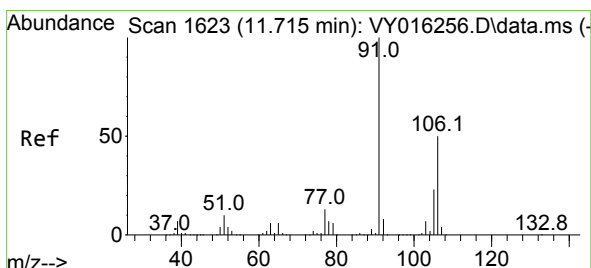
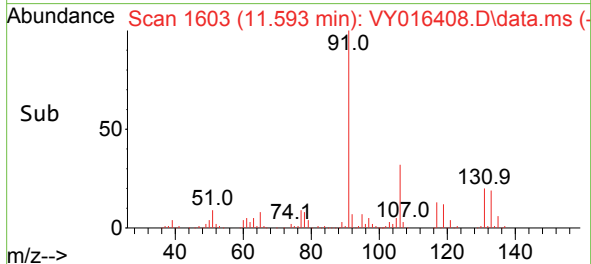
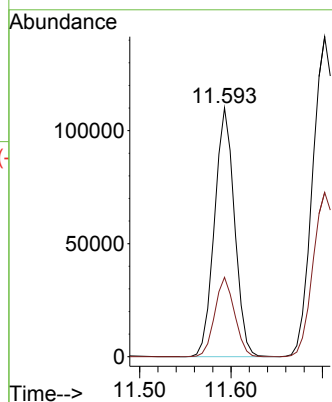
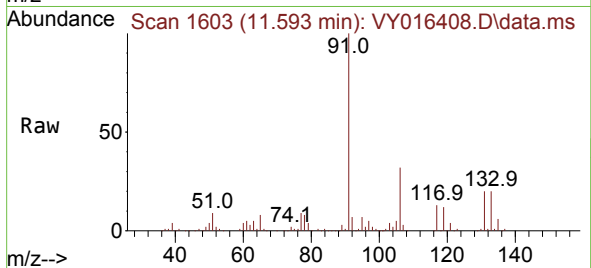
ClientSampleId :

Tgt Ion: 91 Resp: 167397

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 40.287 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.013 min

Lab File: VY016408.D

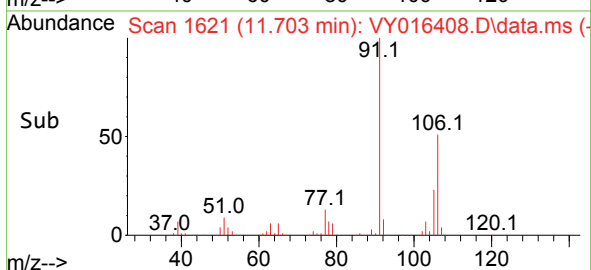
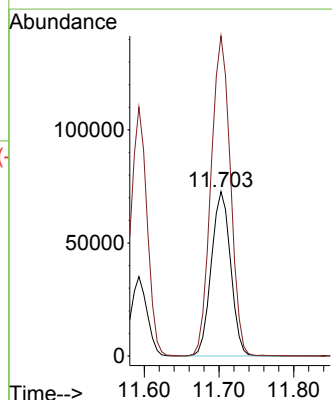
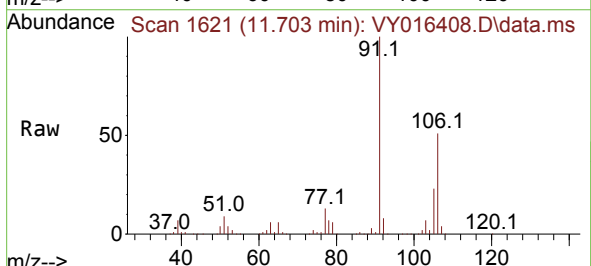
Acq: 17 Nov 2023 14:15

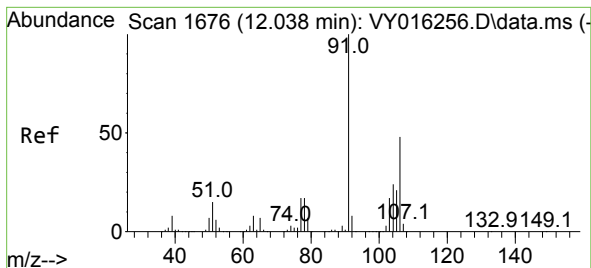
Tgt Ion:106 Resp: 130095

Ion Ratio Lower Upper

106 100

91 196.7 166.1 249.1





#69

o-Xylene

Concen: 20.160 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

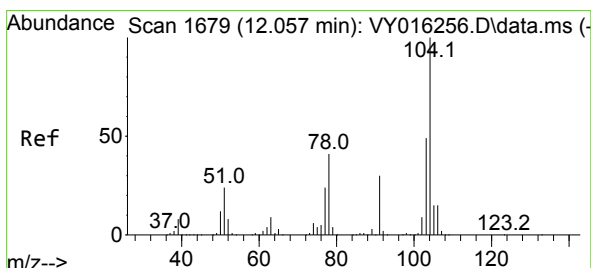
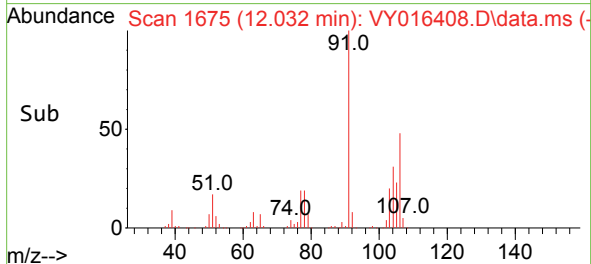
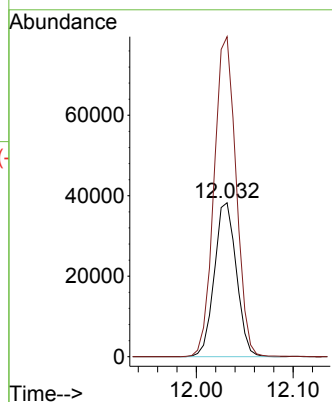
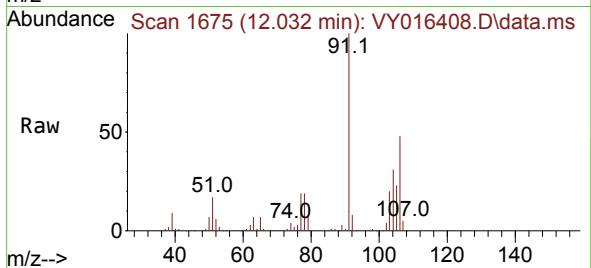
ClientSampleId :

Tgt Ion:106 Resp: 60442

Ion Ratio Lower Upper

106 100

91 208.4 108.1 324.3



#70

Styrene

Concen: 20.558 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

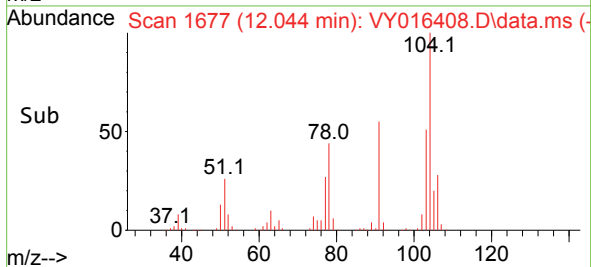
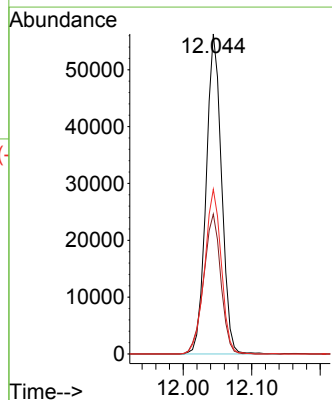
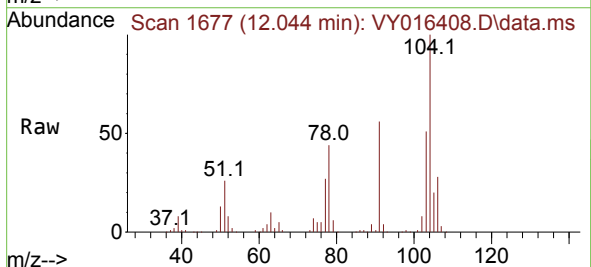
Tgt Ion:104 Resp: 88257

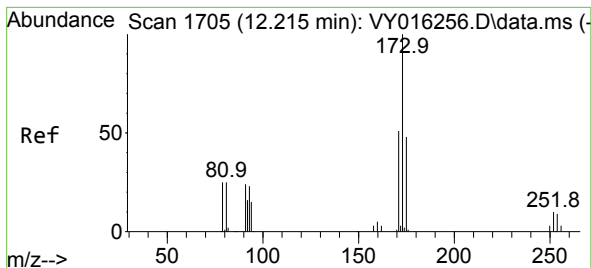
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 22.055 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

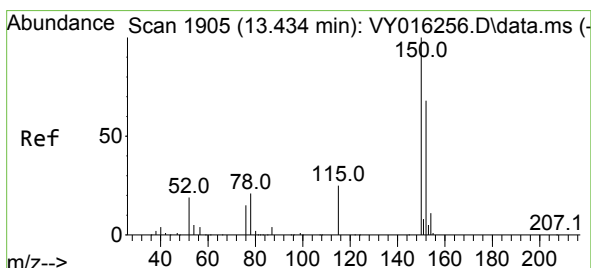
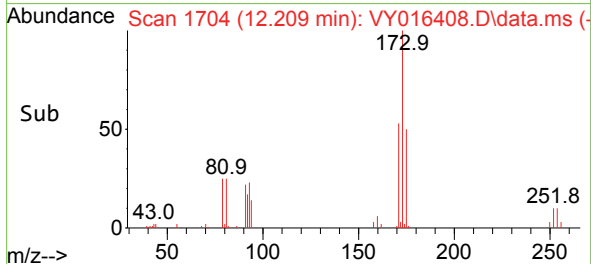
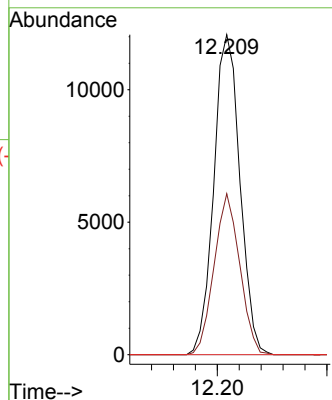
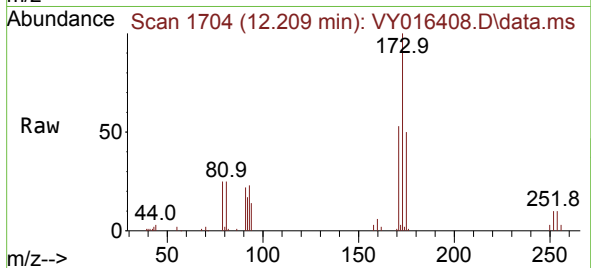
Tgt Ion:173 Resp: 19996

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

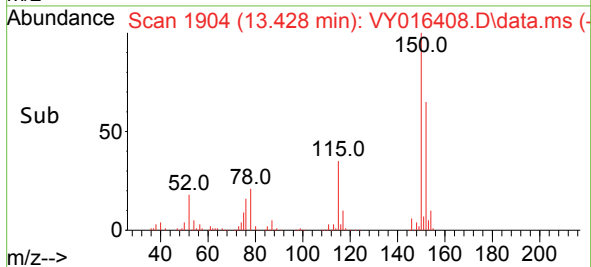
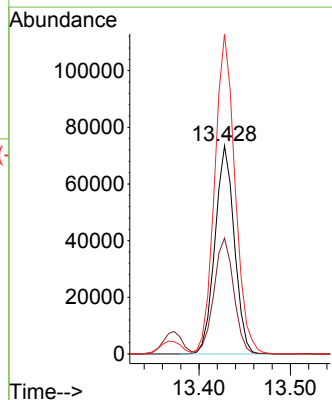
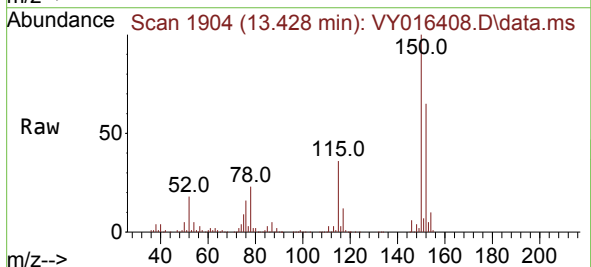
Tgt Ion:152 Resp: 108235

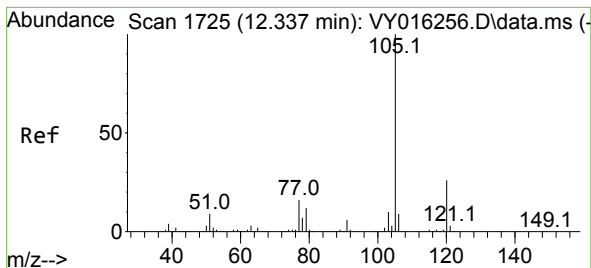
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 161.4 0.0 348.8





#73

Isopropylbenzene

Concen: 19.116 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

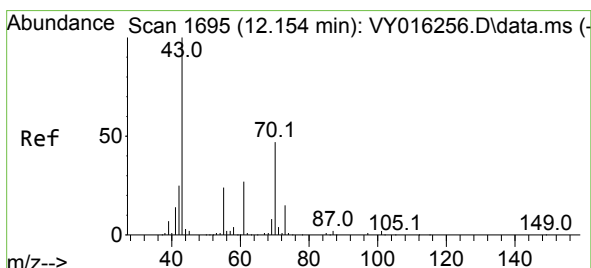
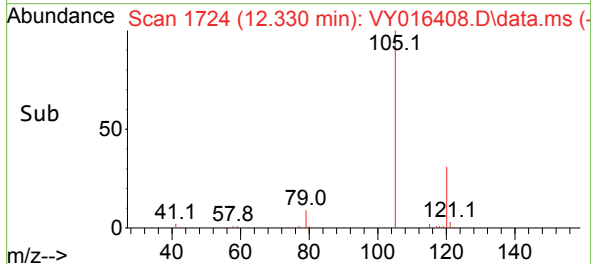
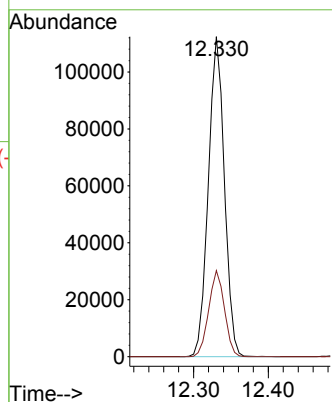
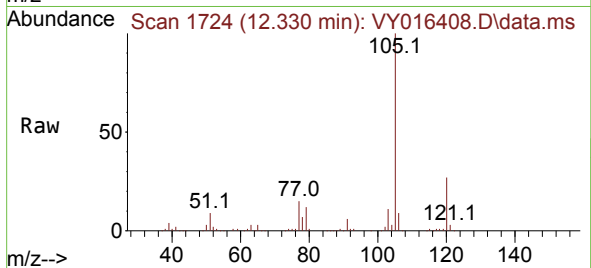
ClientSampleId :

Tgt Ion:105 Resp: 167542

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 18.863 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion: 43 Resp: 33208

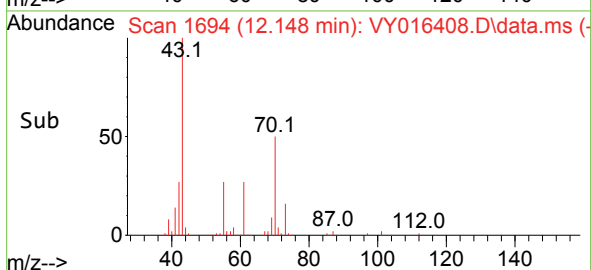
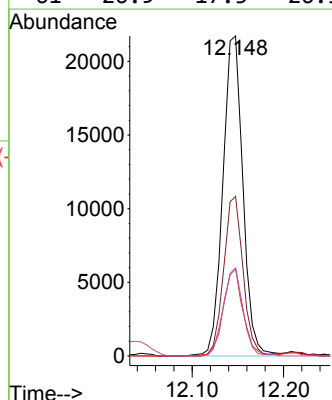
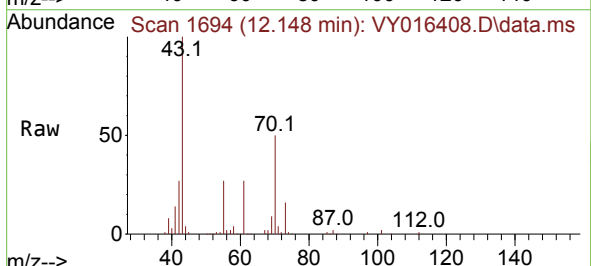
Ion Ratio Lower Upper

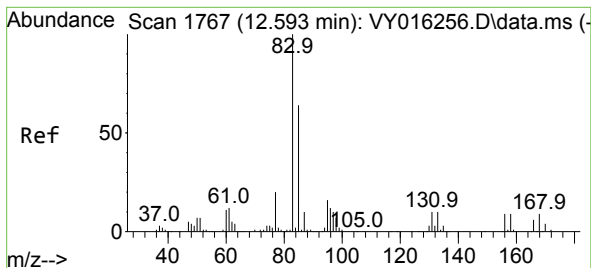
43 100

70 48.3 29.7 44.5#

55 26.9 18.3 27.5

61 26.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.984 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.013 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

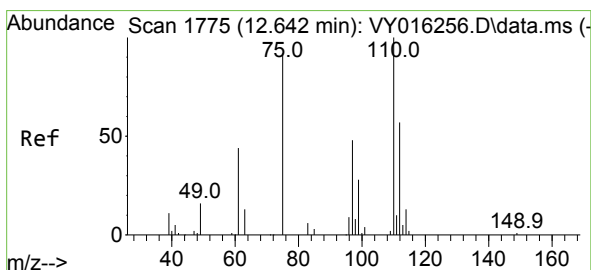
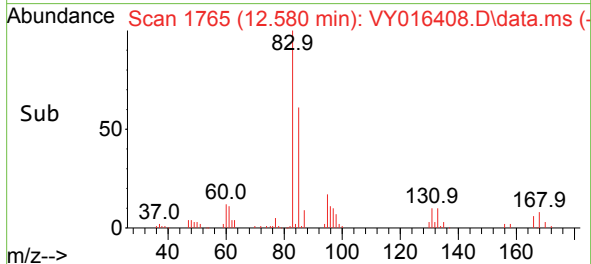
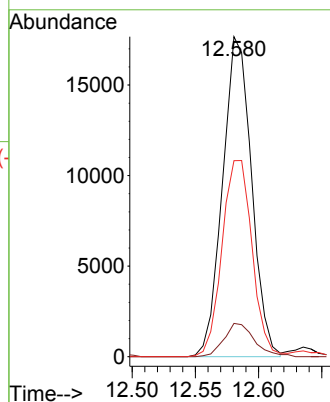
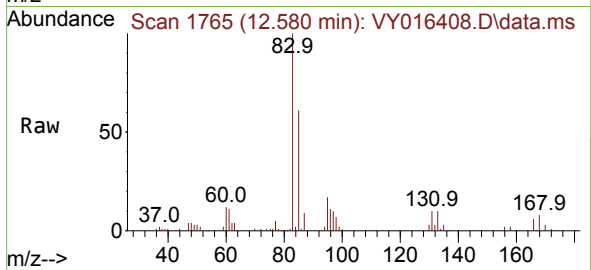
Tgt Ion: 83 Resp: 28106

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.849 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.007 min

Lab File: VY016408.D

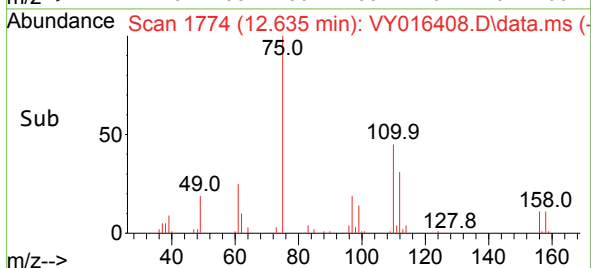
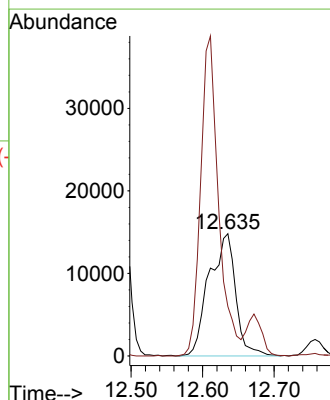
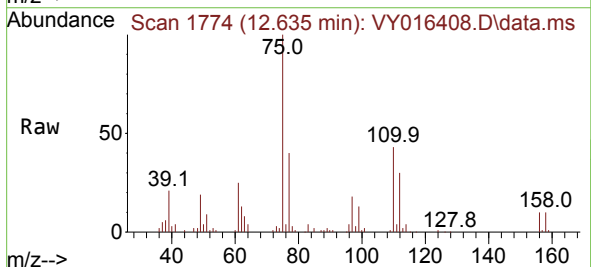
Acq: 17 Nov 2023 14:15

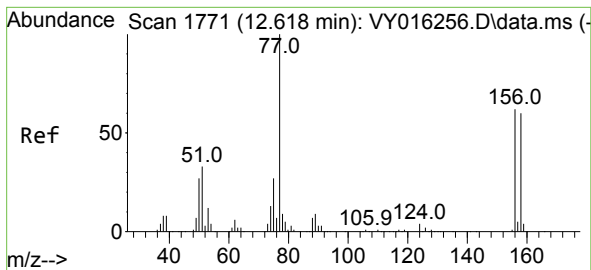
Tgt Ion: 75 Resp: 38260

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.404 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

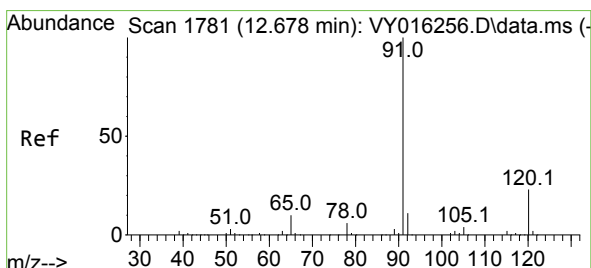
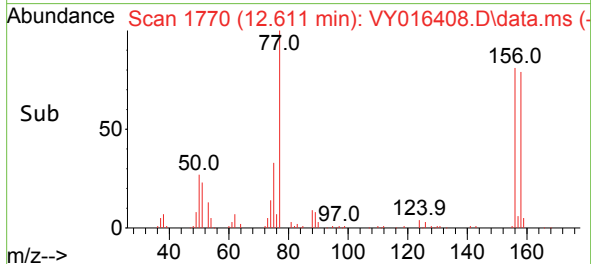
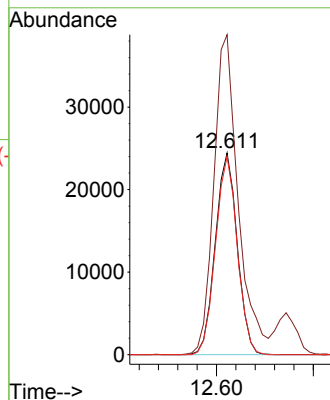
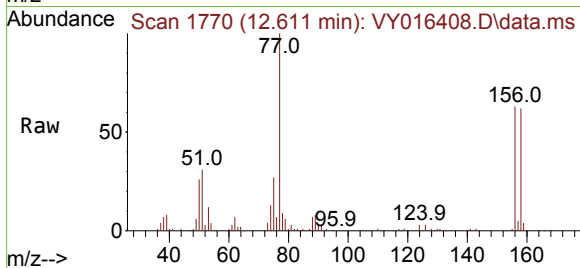
Tgt Ion:156 Resp: 38438

Ion Ratio Lower Upper

156 100

77 176.1 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 18.794 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.007 min

Lab File: VY016408.D

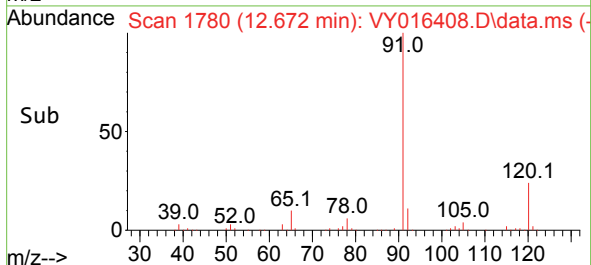
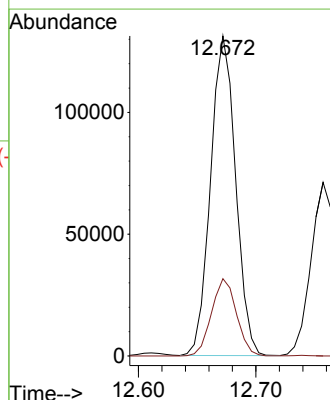
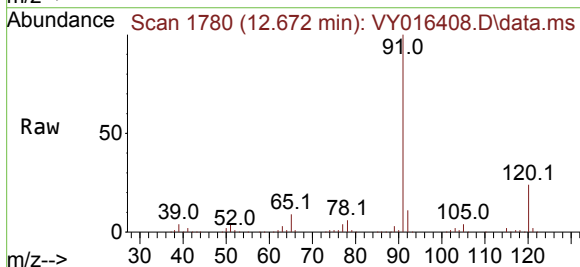
Acq: 17 Nov 2023 14:15

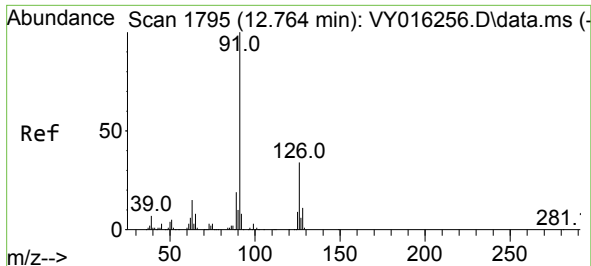
Tgt Ion: 91 Resp: 194667

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

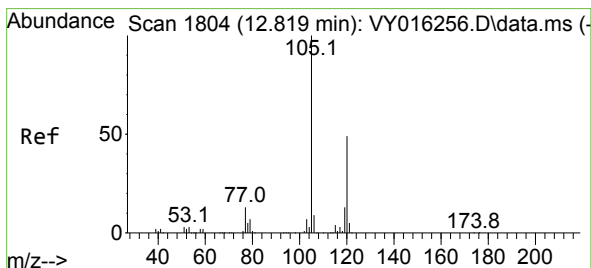
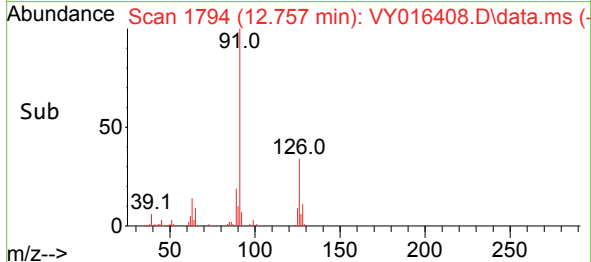
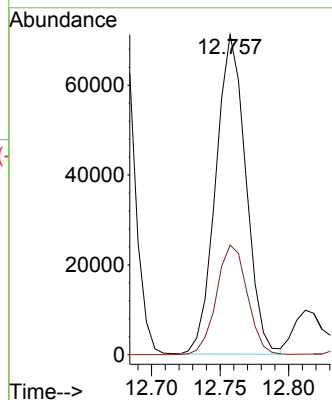
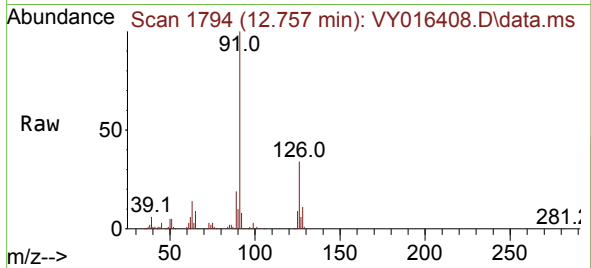




#79
2-Chlorotoluene
Concen: 19.090 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

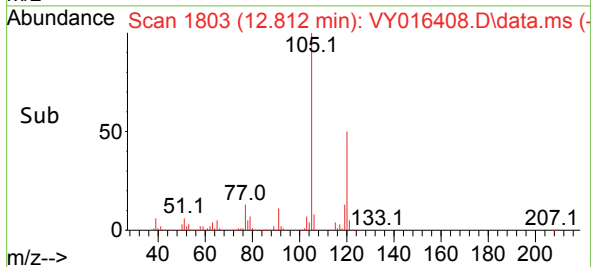
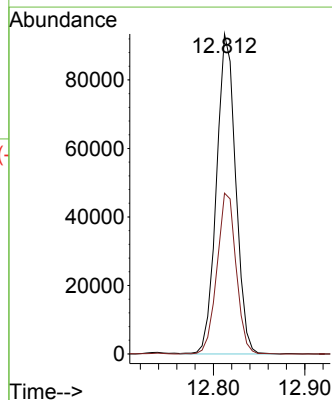
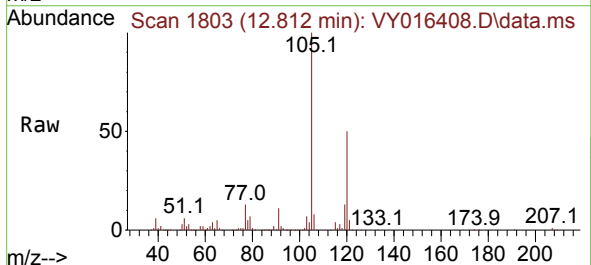
Instrument :
MSVOA_Y
ClientSampleId :

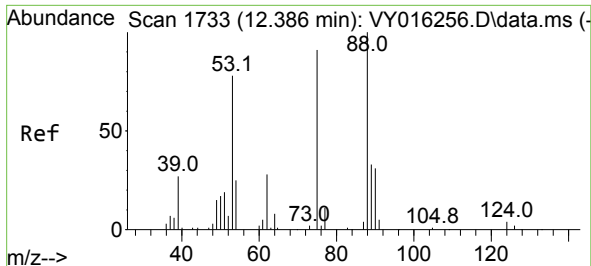
Tgt Ion: 91 Resp: 108968
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.280 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

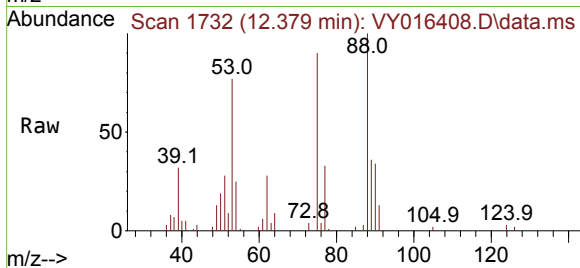
Tgt Ion: 105 Resp: 136244
Ion Ratio Lower Upper
105 100
120 50.1 23.9 71.7



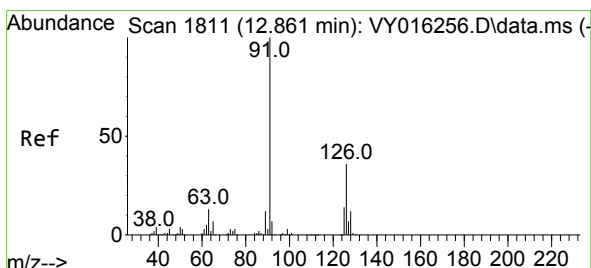
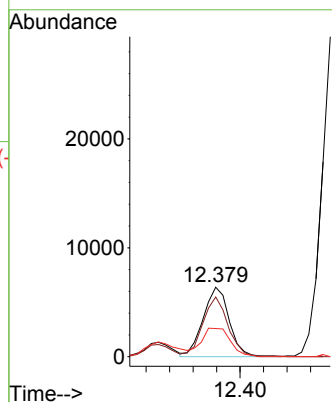
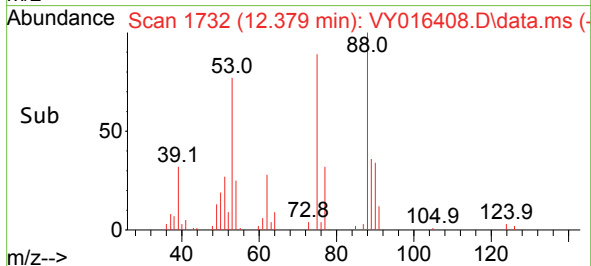


#81
trans-1,4-Dichloro-2-butene
Concen: 20.487 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :

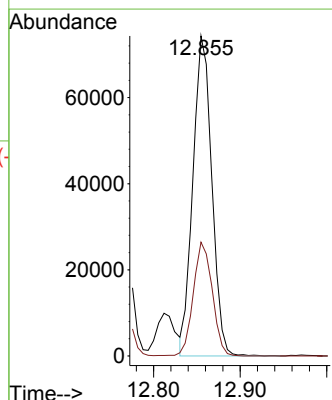
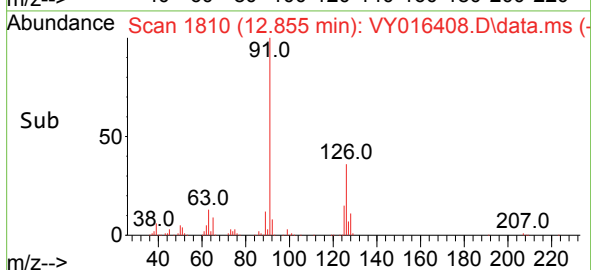
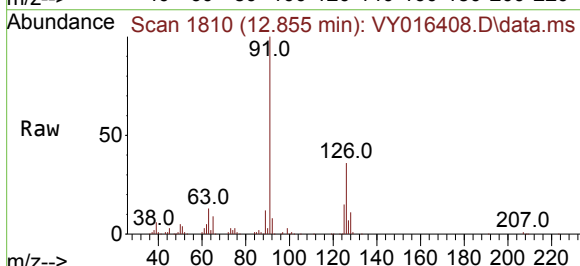


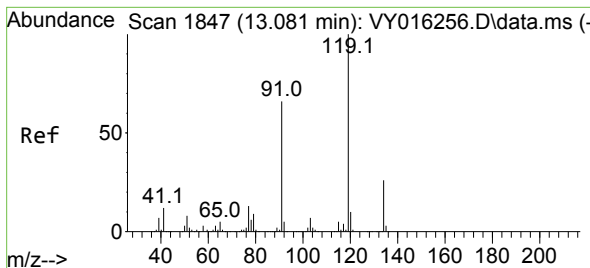
Tgt Ion: 75 Resp: 9800
Ion Ratio Lower Upper
75 100
53 83.9 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.093 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 91 Resp: 112618
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.630 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

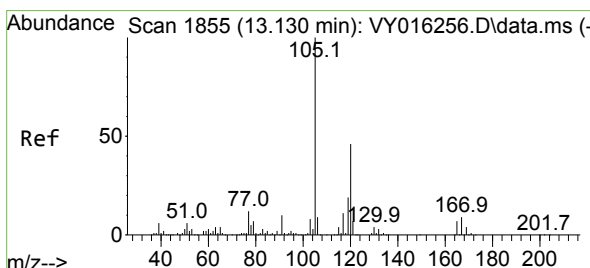
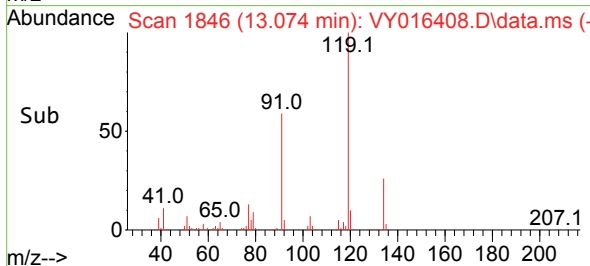
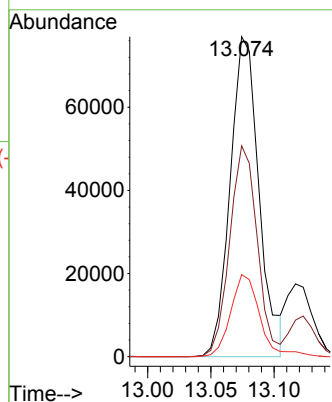
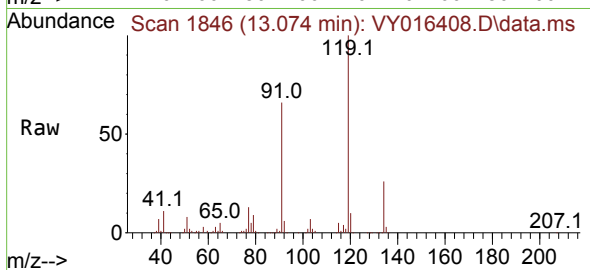
Tgt Ion:119 Resp: 122179

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.609 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.007 min

Lab File: VY016408.D

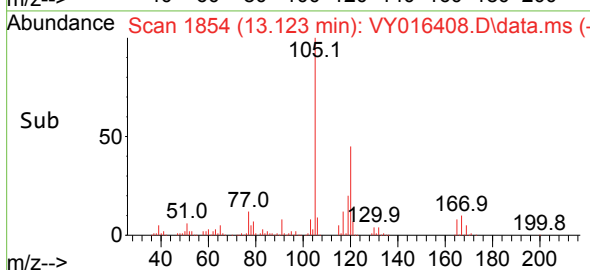
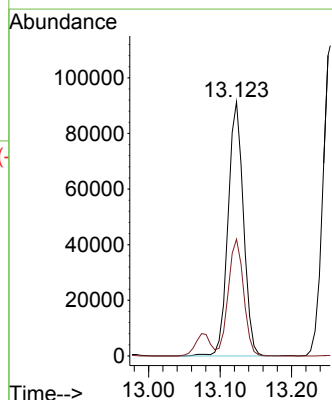
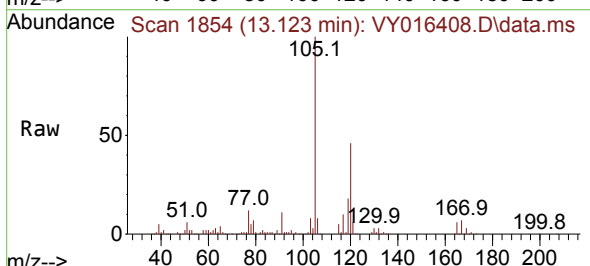
Acq: 17 Nov 2023 14:15

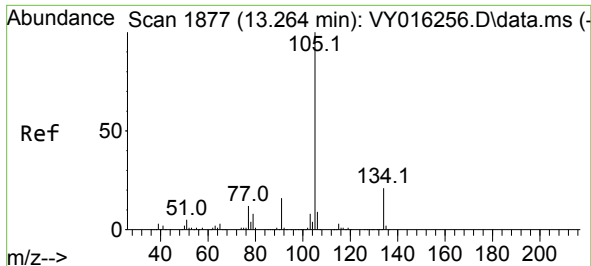
Tgt Ion:105 Resp: 136438

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6

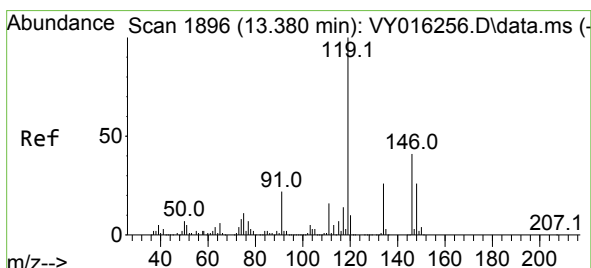
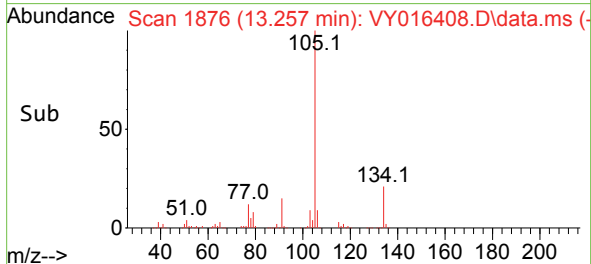
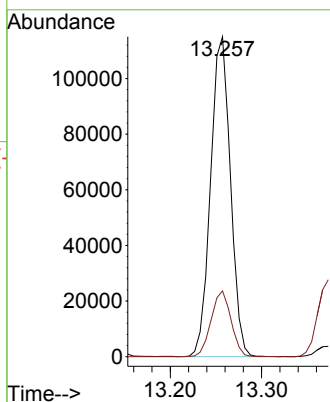
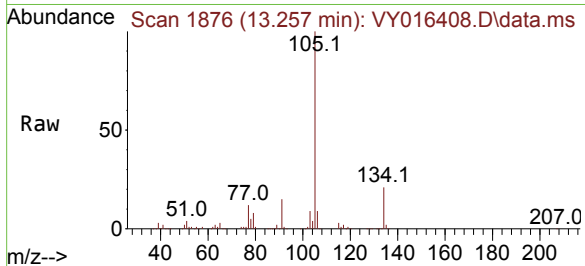




#85
 sec-Butylbenzene
 Concen: 19.509 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.007 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

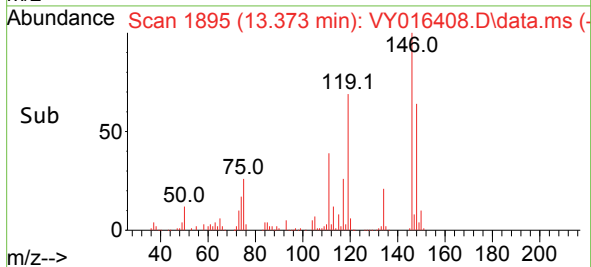
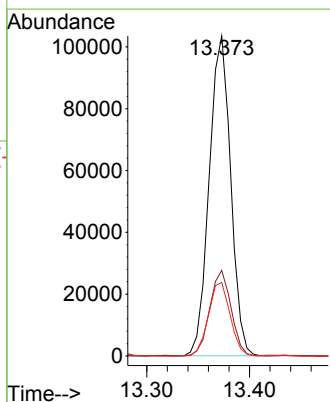
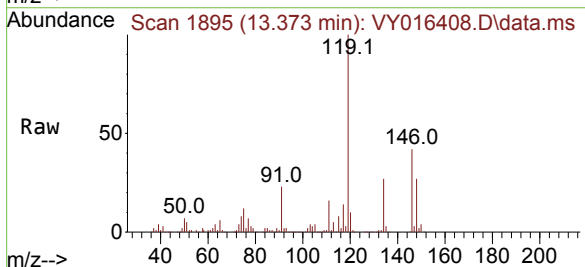
Instrument :
 MSVOA_Y
 ClientSampleId :

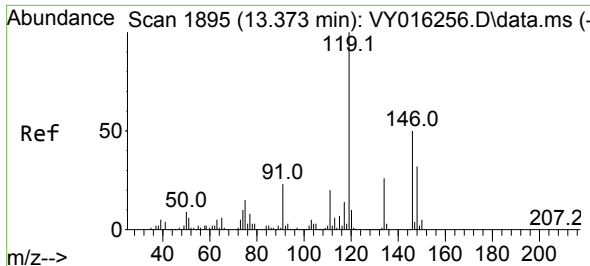
Tgt Ion:105 Resp: 173476
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.596 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.007 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

Tgt Ion:119 Resp: 150045
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.4 12.4 37.4

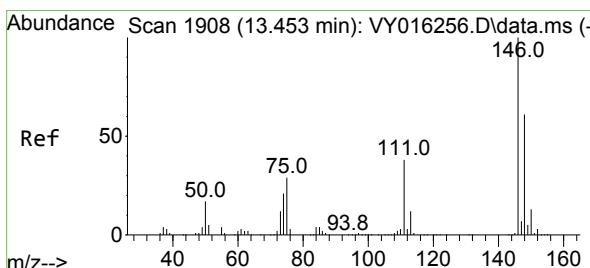
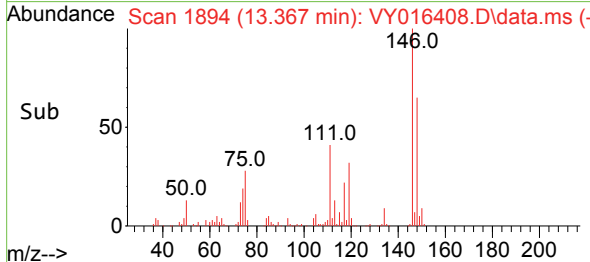
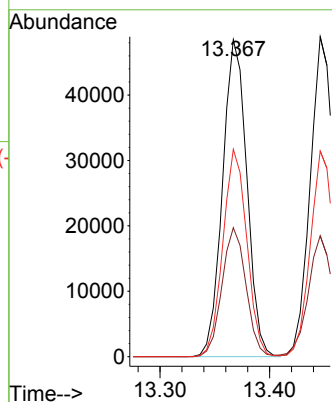
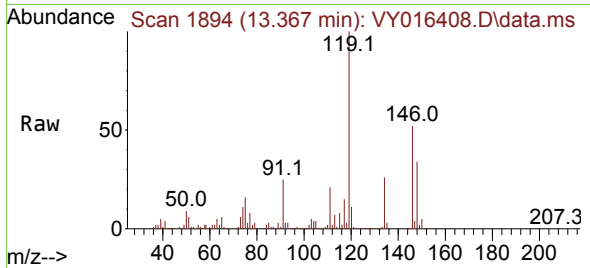




#87
 1,3-Dichlorobenzene
 Concen: 19.584 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

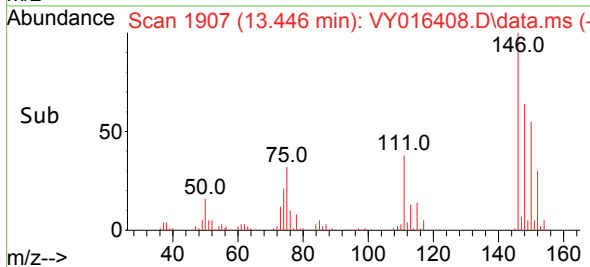
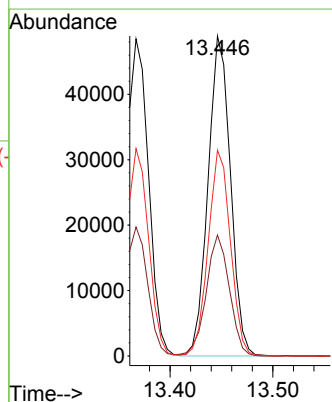
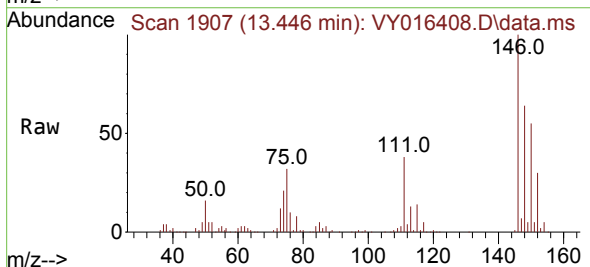
Instrument :
 MSVOA_Y
 ClientSampleId :

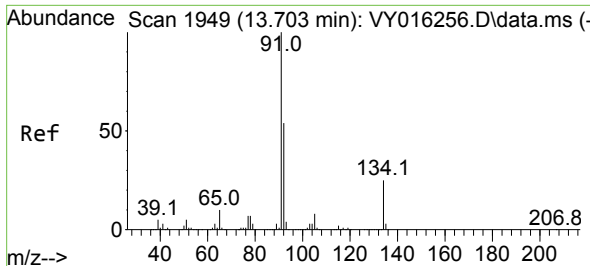
Tgt Ion:146 Resp: 74636
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.2
 148 64.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.924 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.007 min
 Lab File: VY016408.D
 Acq: 17 Nov 2023 14:15

Tgt Ion:146 Resp: 74209
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.9 56.7
 148 63.9 32.1 96.5

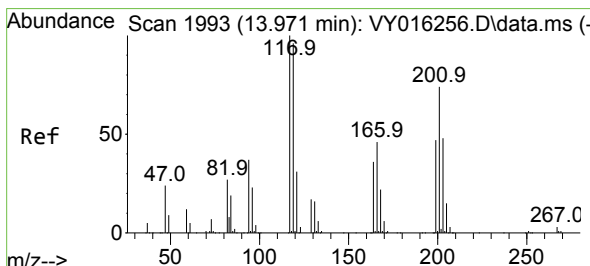
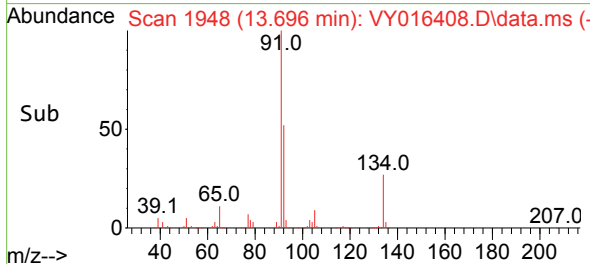
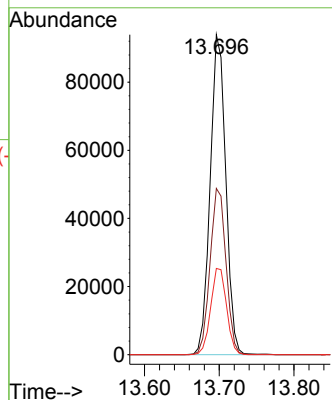
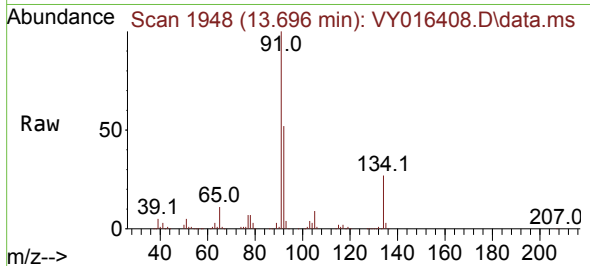




#89
n-Butylbenzene
Concen: 19.291 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

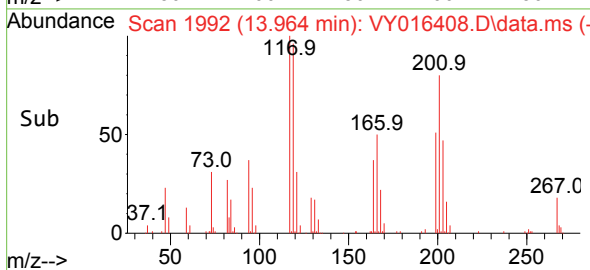
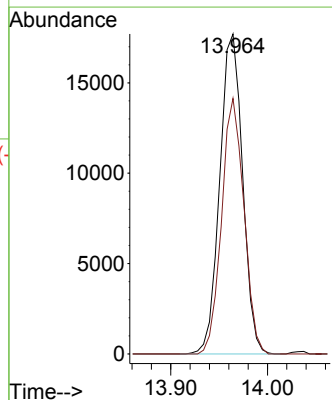
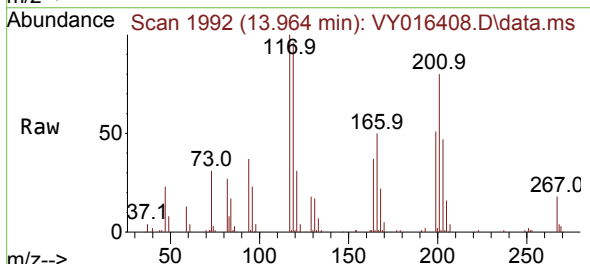
Instrument :
MSVOA_Y
ClientSampleId :

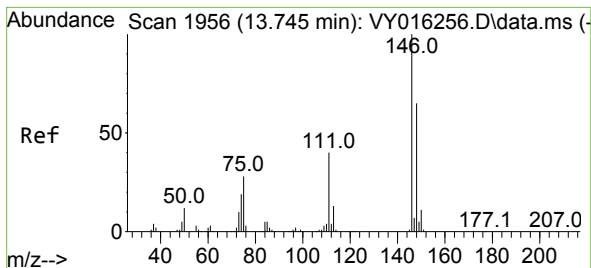
Tgt Ion: 91 Resp: 136410
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 27.4 12.6 37.6



#90
Hexachloroethane
Concen: 19.620 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.007 min
Lab File: VY016408.D
Acq: 17 Nov 2023 14:15

Tgt Ion: 117 Resp: 28979
Ion Ratio Lower Upper
117 100
201 78.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.255 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.007 min

Lab File: VY016408.D

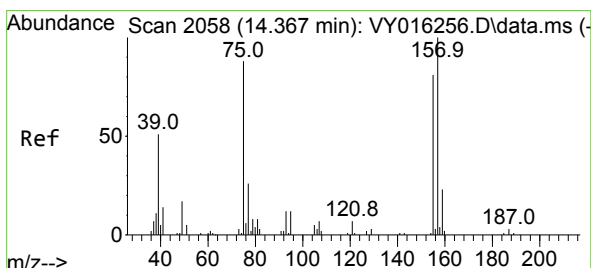
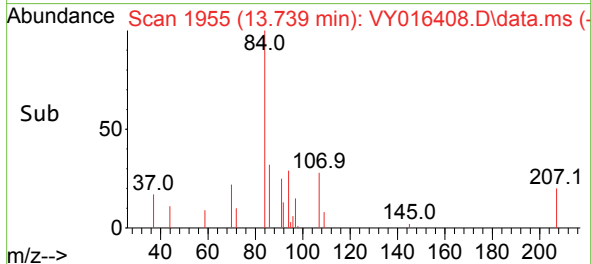
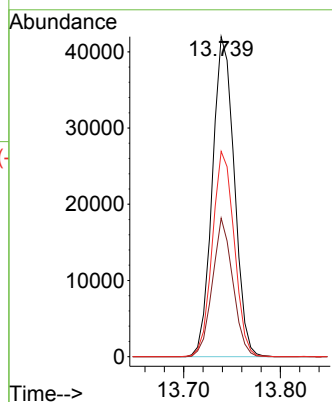
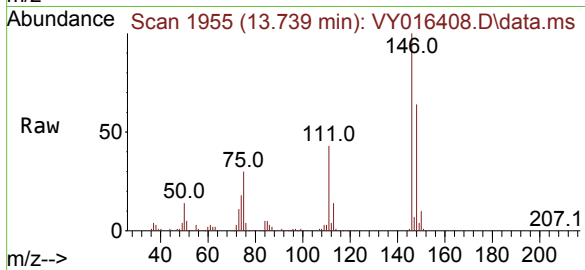
Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	66145
Ion Ratio	Lower	Upper
146	100	
111	40.2	19.7 59.0
148	64.0	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.929 ug/l

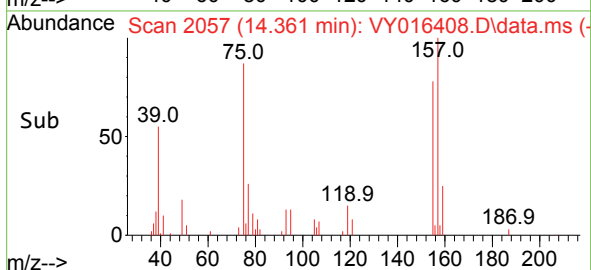
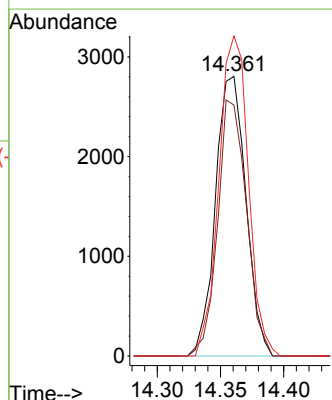
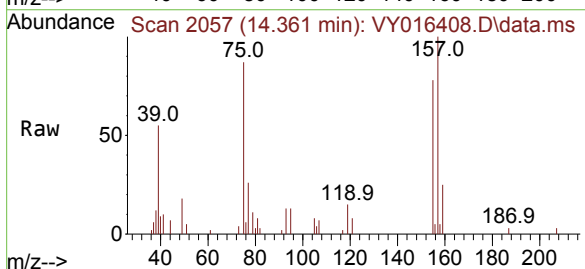
RT: 14.361 min Scan# 2057

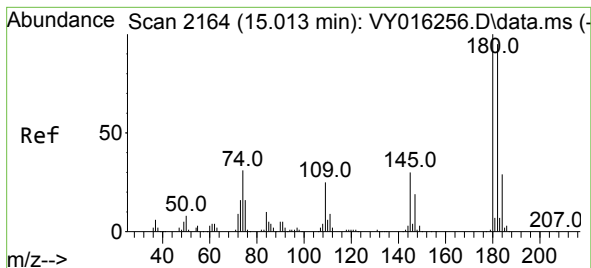
Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion: 75	Resp:	4683
Ion Ratio	Lower	Upper
75	100	
155	86.8	41.5 124.6
157	111.1	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.634 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

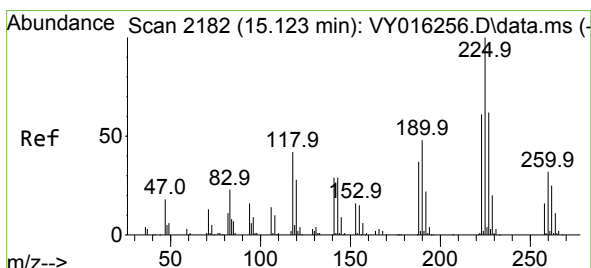
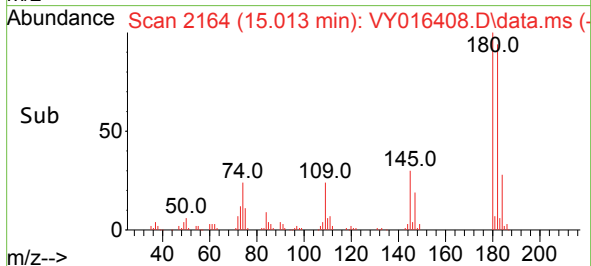
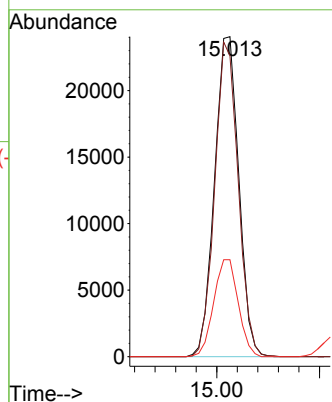
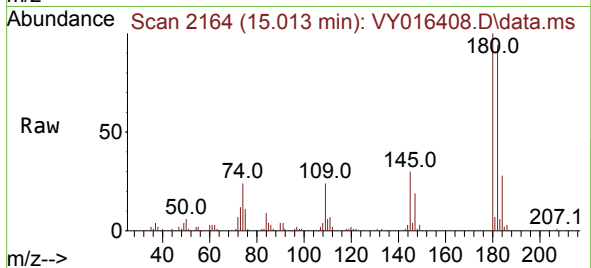
Tgt Ion:180 Resp: 39332

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.295 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

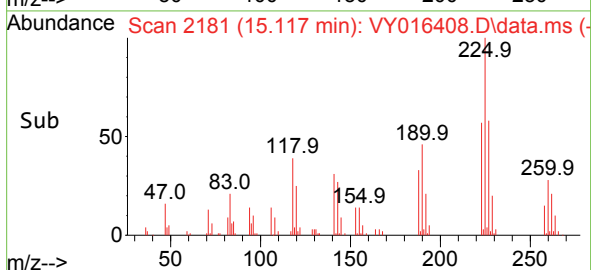
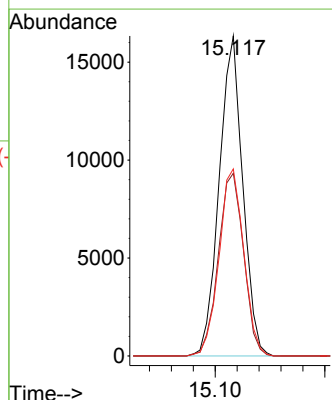
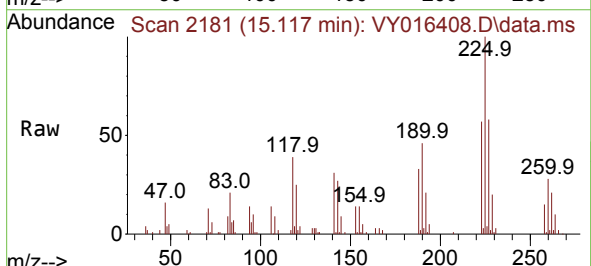
Tgt Ion:225 Resp: 24348

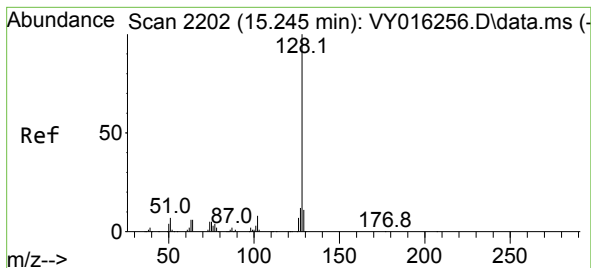
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.9

227 61.4 33.0 98.9





#95

Naphthalene

Concen: 20.683 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

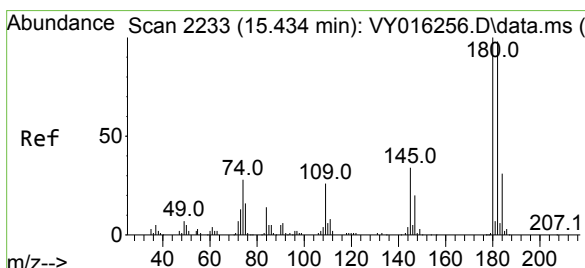
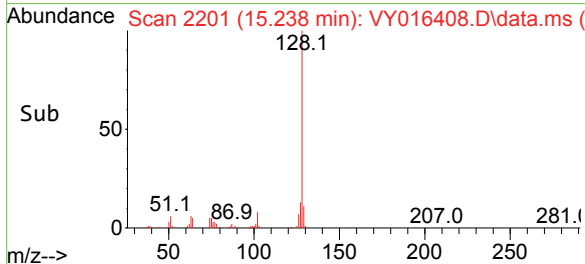
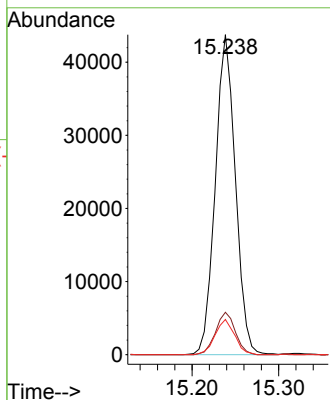
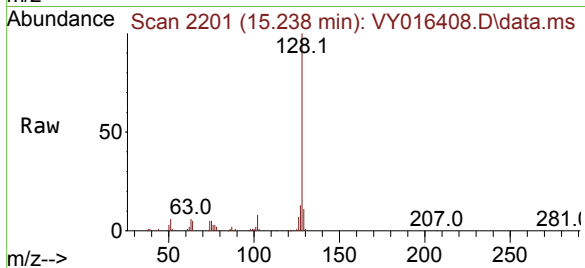
Tgt Ion:128 Resp: 70515

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.061 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.007 min

Lab File: VY016408.D

Acq: 17 Nov 2023 14:15

Tgt Ion:180 Resp: 33206

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 33.4 15.4 46.2

