

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016407.D
 Acq On : 17 Nov 2023 13:09
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:17:47 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	7.789	168	148717	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	243547	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	212865	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	101271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68587	50.461	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.715	113	73309	52.988	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.980%	
50) Toluene-d8	10.178	98	283141	50.467	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.483	95	93717	51.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.860%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.899	85	28477	19.556	ug/l 95
3) Chloromethane	2.113	50	31205	18.298	ug/l 100
4) Vinyl Chloride	2.247	62	32214	17.566	ug/l 99
5) Bromomethane	2.643	94	21340	17.707	ug/l 96
6) Chloroethane	2.790	64	21971	18.776	ug/l 99
7) Trichlorofluoromethane	3.119	101	54114	20.282	ug/l 99
8) Diethyl Ether	3.527	74	16093	20.182	ug/l 82
9) 1,1,2-Trichlorotrifluo...	3.893	101	32268	20.080	ug/l 96
10) Methyl Iodide	4.088	142	31851	18.352	ug/l 97
11) Tert butyl alcohol	4.942	59	10288	96.658	ug/l # 85
12) 1,1-Dichloroethene	3.869	96	29371	19.544	ug/l 88
13) Acrolein	3.722	56	11462	89.280	ug/l 95
14) Allyl chloride	4.472	41	39960	18.737	ug/l # 91
15) Acrylonitrile	5.155	53	31566	99.750	ug/l 98
16) Acetone	3.942	43	26997	120.077	ug/l # 89
17) Carbon Disulfide	4.192	76	75357	16.619	ug/l 99
18) Methyl Acetate	4.472	43	24169	20.230	ug/l # 90
19) Methyl tert-butyl Ether	5.216	73	71612	19.688	ug/l 99
20) Methylene Chloride	4.710	84	55104	33.549	ug/l 88
21) trans-1,2-Dichloroethene	5.216	96	33493	19.356	ug/l 94
22) Diisopropyl ether	6.112	45	91735	19.959	ug/l 88
23) Vinyl Acetate	6.057	43	210908	94.705	ug/l # 92
24) 1,1-Dichloroethane	6.008	63	57835	20.397	ug/l 94
25) 2-Butanone	6.984	43	41019	104.161	ug/l # 87
26) 2,2-Dichloropropane	6.978	77	52741	20.437	ug/l 95
27) cis-1,2-Dichloroethene	6.984	96	38859	20.839	ug/l 90
28) Bromochloromethane	7.331	49	20788	19.810	ug/l # 82
29) Tetrahydrofuran	7.350	42	23872	91.713	ug/l # 85
30) Chloroform	7.502	83	63073	21.371	ug/l 100
31) Cyclohexane	7.783	56	47488	17.746	ug/l 87
32) 1,1,1-Trichloroethane	7.703	97	56894	21.030	ug/l 96
36) 1,1-Dichloropropene	7.917	75	46279	19.264	ug/l 99
37) Ethyl Acetate	7.069	43	18382	18.938	ug/l # 93
38) Carbon Tetrachloride	7.898	117	52355	20.999	ug/l 99
39) Methylcyclohexane	9.185	83	54247	18.122	ug/l 91
40) Benzene	8.161	78	136662	20.248	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8079	16.507	ug/l	86
42) 1,2-Dichloroethane	8.240	62	35986	20.578	ug/l	92
43) Isopropyl Acetate	8.270	43	34319	18.291	ug/l #	87
44) Trichloroethene	8.941	130	39357	20.290	ug/l	99
45) 1,2-Dichloropropane	9.215	63	33334	20.565	ug/l	95
46) Dibromomethane	9.307	93	17998	20.490	ug/l	98
47) Bromodichloromethane	9.496	83	47050	20.835	ug/l	96
48) Methyl methacrylate	9.294	41	18256	17.605	ug/l #	83
49) 1,4-Dioxane	9.307	88	3388	363.310	ug/l #	62
51) 4-Methyl-2-Pentanone	10.069	43	88596	93.379	ug/l	90
52) Toluene	10.246	92	86226	20.210	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	44247	20.212	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	53972	20.641	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	25688	21.218	ug/l	94
56) Ethyl methacrylate	10.514	69	22153	19.384	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	42270	20.483	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	72692	93.805	ug/l	90
59) 2-Hexanone	10.831	43	67252	95.295	ug/l	87
60) Dibromochloromethane	10.983	129	32482	21.452	ug/l	98
61) 1,2-Dibromoethane	11.093	107	23829	20.659	ug/l	99
64) Tetrachloroethene	10.721	164	39485	20.659	ug/l	97
65) Chlorobenzene	11.520	112	94121	20.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36225	21.596	ug/l	98
67) Ethyl Benzene	11.593	91	165761	20.281	ug/l	99
68) m/p-Xylenes	11.703	106	127662	41.180	ug/l	95
69) o-Xylene	12.032	106	59520	20.679	ug/l	96
70) Styrene	12.044	104	87171	21.151	ug/l	96
71) Bromoform	12.209	173	19020	21.852	ug/l #	96
73) Isopropylbenzene	12.330	105	162005	19.755	ug/l	98
74) N-amyl acetate	12.148	43	28446	17.269	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	25718	19.544	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	34968	35.995	ug/l #	100
77) Bromobenzene	12.611	156	37643	20.310	ug/l	92
78) n-propylbenzene	12.672	91	194327	20.051	ug/l	99
79) 2-Chlorotoluene	12.757	91	106710	19.979	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	133910	20.253	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8631	19.284	ug/l	90
82) 4-Chlorotoluene	12.855	91	111130	20.136	ug/l	98
83) tert-Butylbenzene	13.080	119	119861	20.581	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	132795	20.398	ug/l	99
85) sec-Butylbenzene	13.257	105	168555	20.259	ug/l	100
86) p-Isopropyltoluene	13.373	119	145997	20.379	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73230	20.537	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	71921	20.638	ug/l	98
89) n-Butylbenzene	13.696	91	132490	20.025	ug/l	97
90) Hexachloroethane	13.964	117	28293	20.473	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	63039	20.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3778	18.045	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	34702	19.457	ug/l	99
94) Hexachlorobutadiene	15.117	225	22251	21.776	ug/l	97
95) Naphthalene	15.239	128	56895	17.836	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	27802	18.846	ug/l	98

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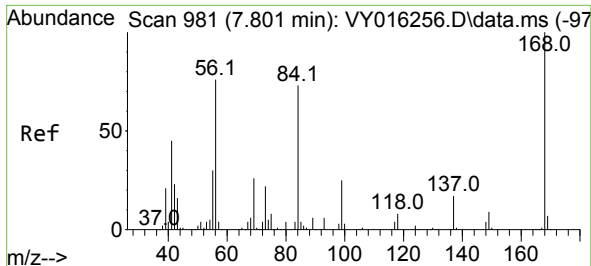
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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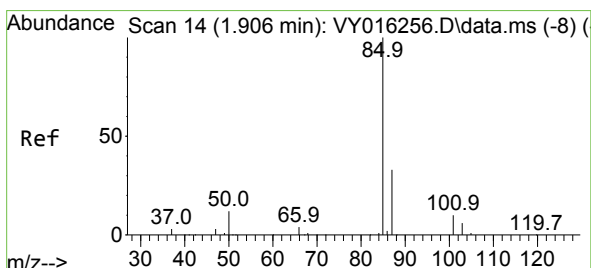
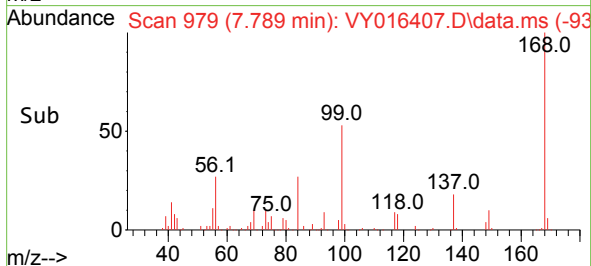
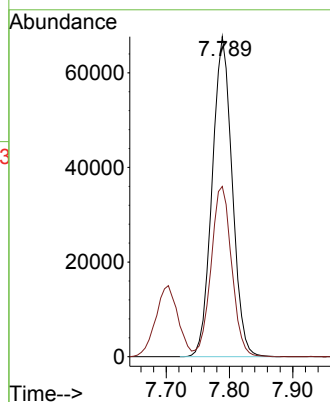
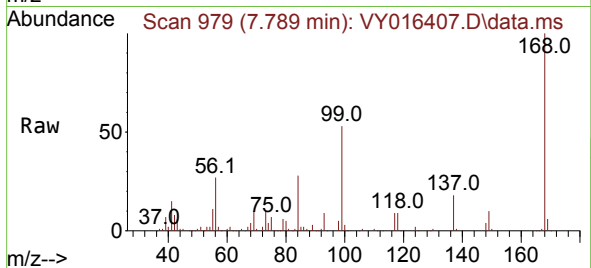




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016407.D
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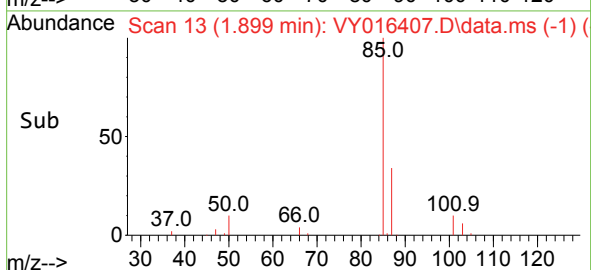
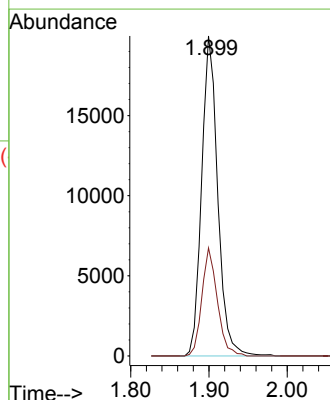
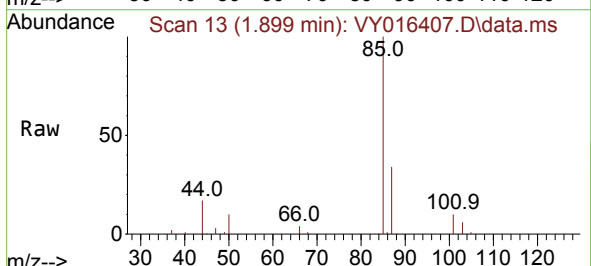
Instrument :
MSVOA_Y
ClientSampleId :

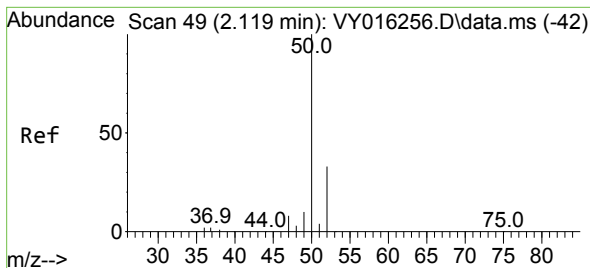
Tgt Ion:168 Resp: 148717
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.556 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 85 Resp: 28477
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8





#3

Chloromethane

Concen: 18.298 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

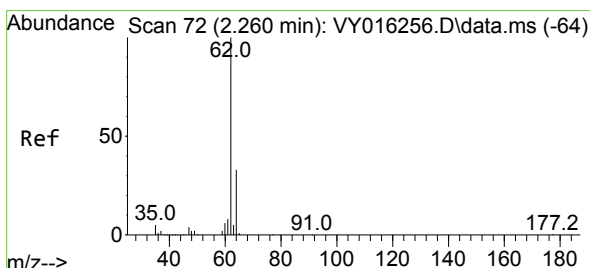
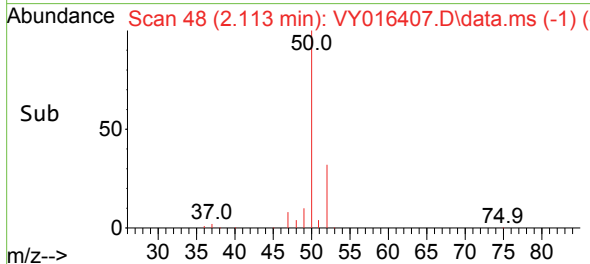
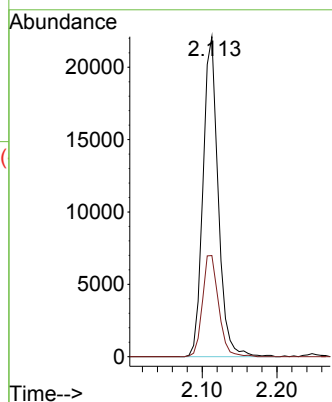
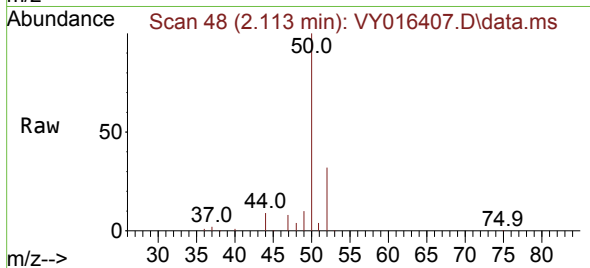
ClientSampleId :

Tgt Ion: 50 Resp: 31205

Ion Ratio Lower Upper

50 100

52 31.6 25.4 38.2



#4

Vinyl Chloride

Concen: 17.566 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.013 min

Lab File: VY016407.D

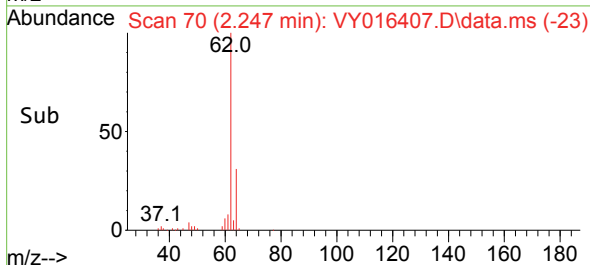
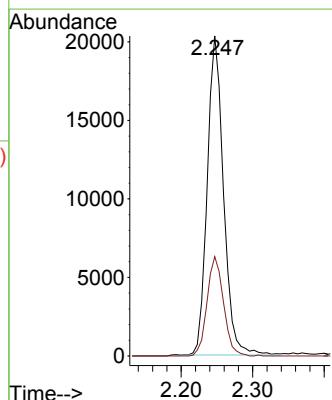
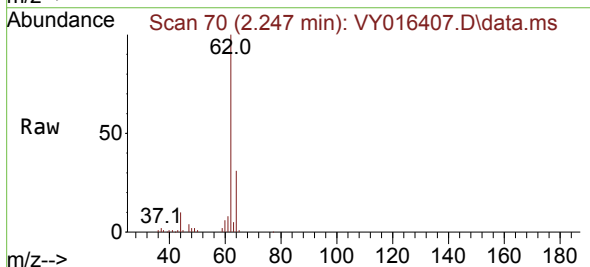
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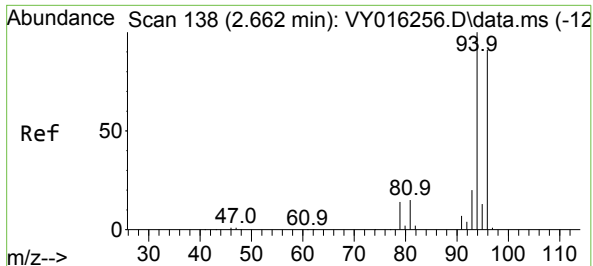
Tgt Ion: 62 Resp: 32214

Ion Ratio Lower Upper

62 100

64 31.1 24.3 36.5

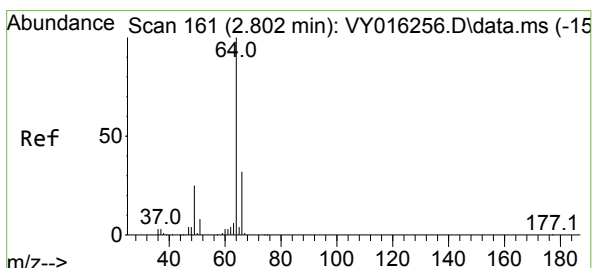
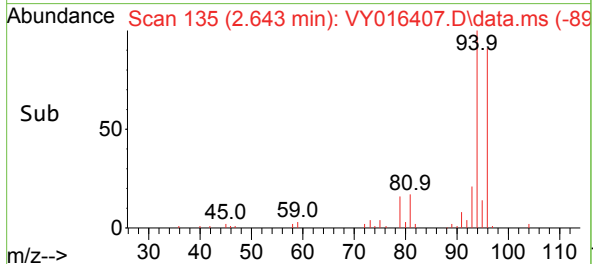
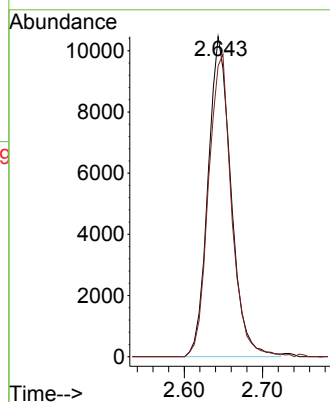
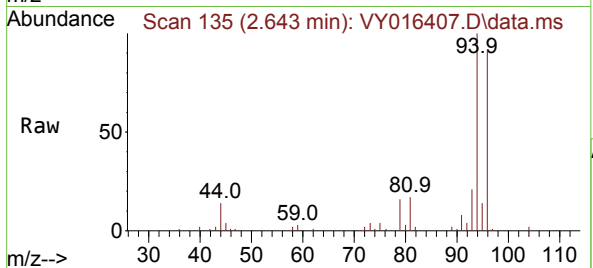




#5
Bromomethane
Concen: 17.707 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

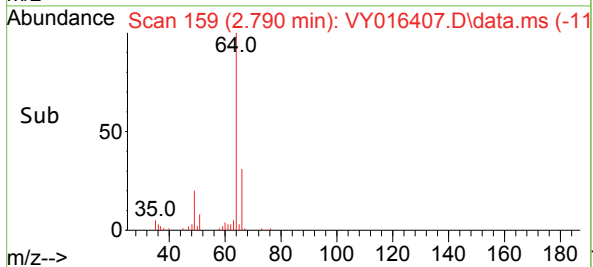
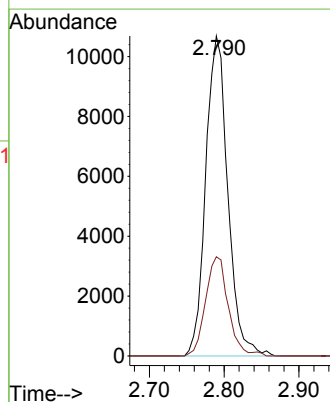
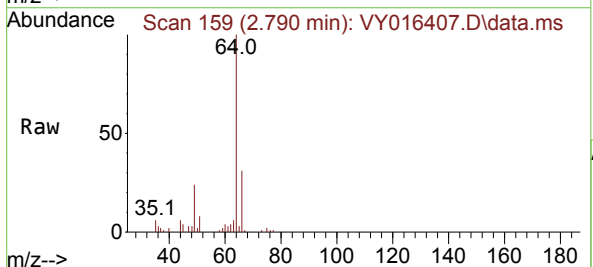
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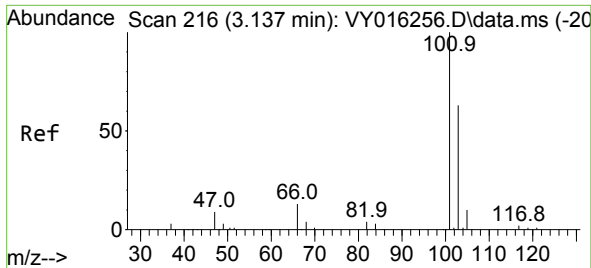
Tgt Ion: 94 Resp: 21340
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6



#6
Chloroethane
Concen: 18.776 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 64 Resp: 21971
Ion Ratio Lower Upper
64 100
66 31.0 24.4 36.6

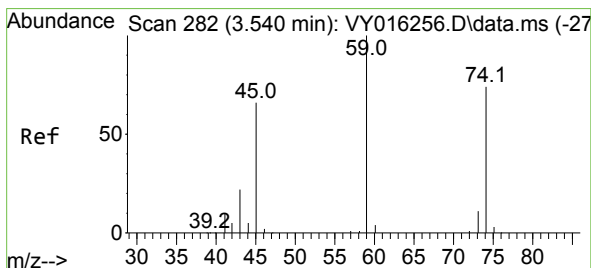
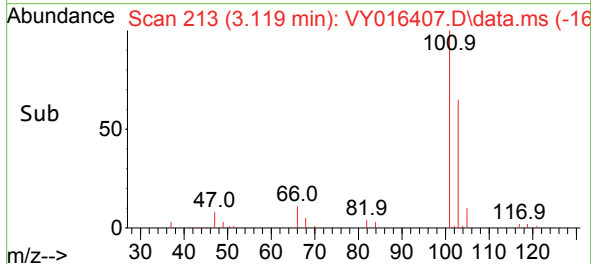
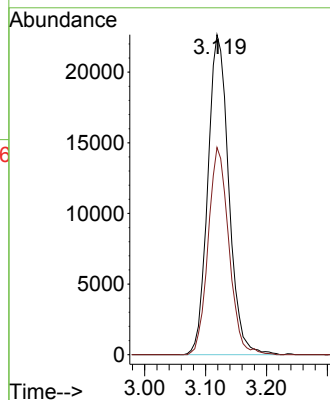
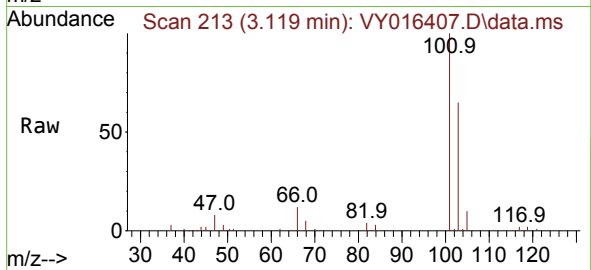




#7
 Trichlorofluoromethane
 Concen: 20.282 ug/l
 RT: 3.119 min Scan# 216
 Delta R.T. -0.019 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

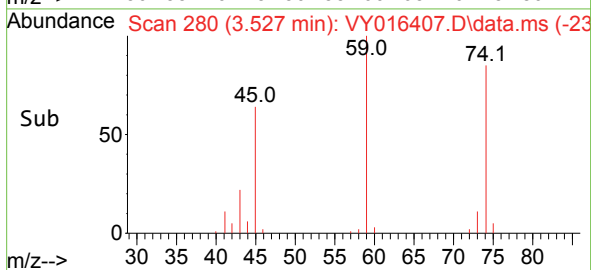
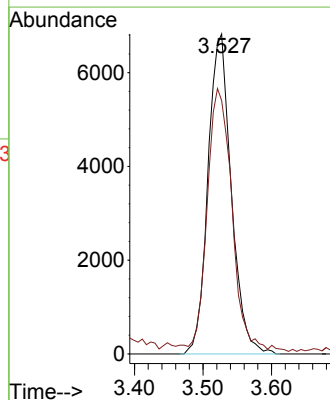
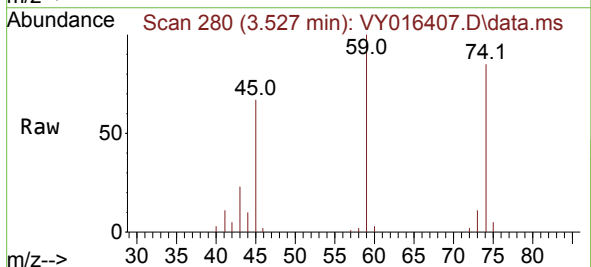
Instrument :
 MSVOA_Y
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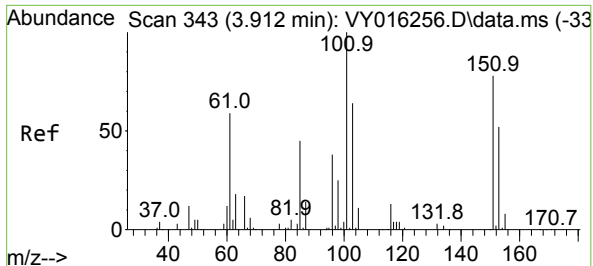
Tgt Ion:101 Resp: 54114
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.182 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.013 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

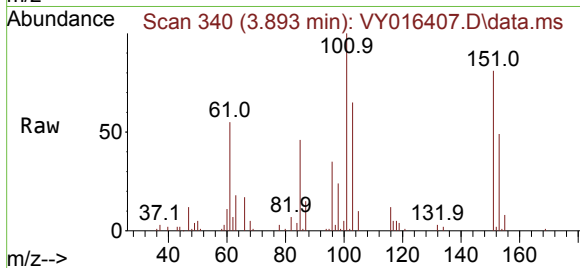
Tgt Ion: 74 Resp: 16093
 Ion Ratio Lower Upper
 74 100
 45 84.9 51.5 154.5



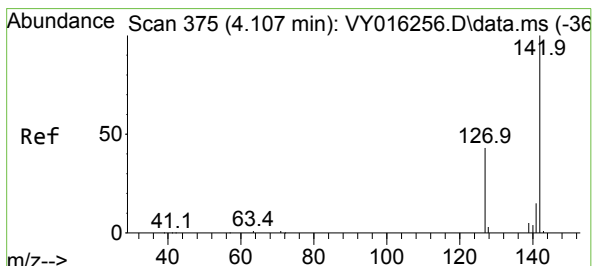
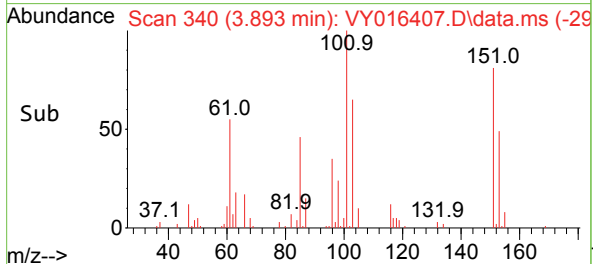
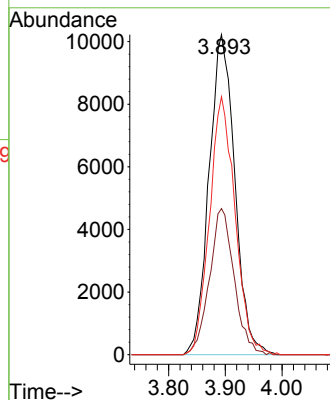


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.080 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY016407.D
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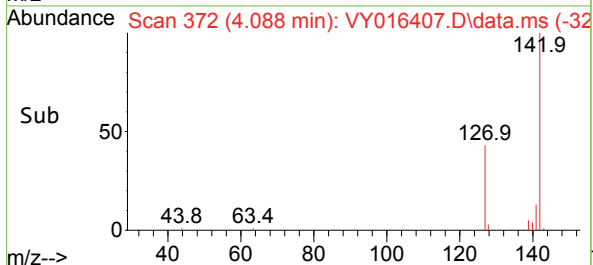
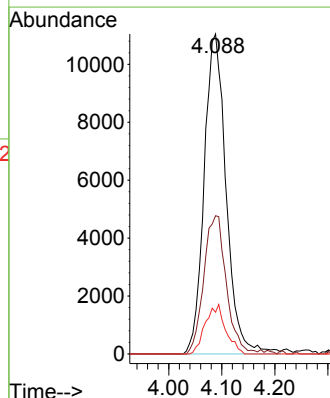
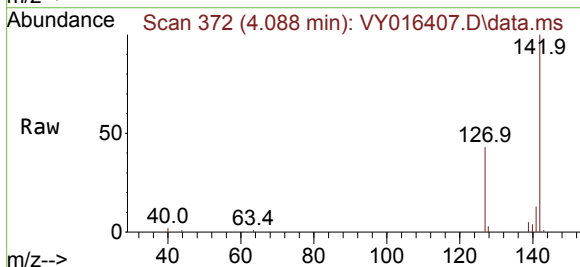


Tgt Ion:101 Resp: 32268
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 80.0 67.0 100.6



#10
Methyl Iodide
Concen: 18.352 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion:142 Resp: 31851
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.2 11.8 17.8

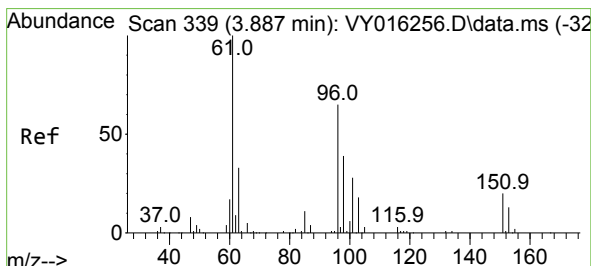
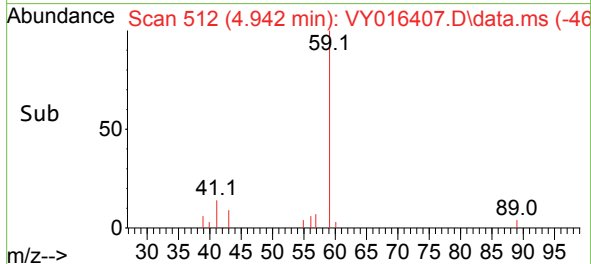
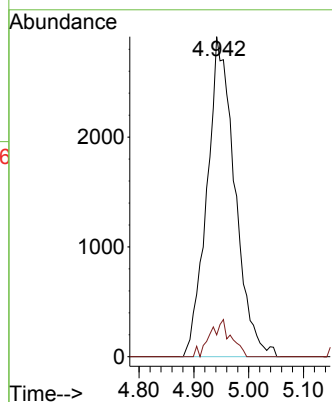
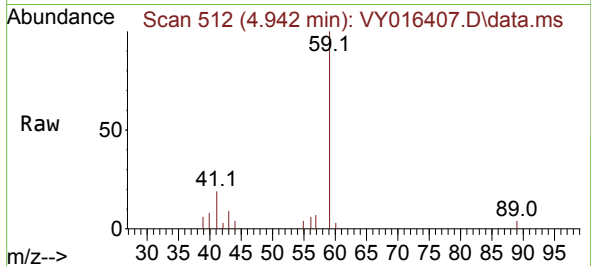




#11
Tert butyl alcohol
Concen: 96.658 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.031 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

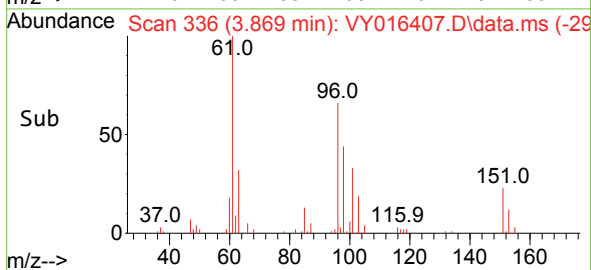
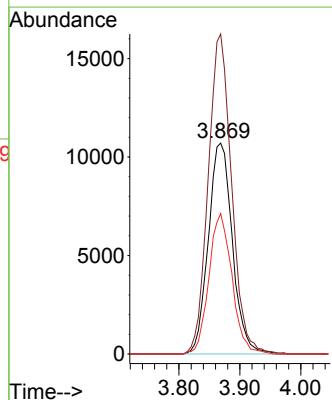
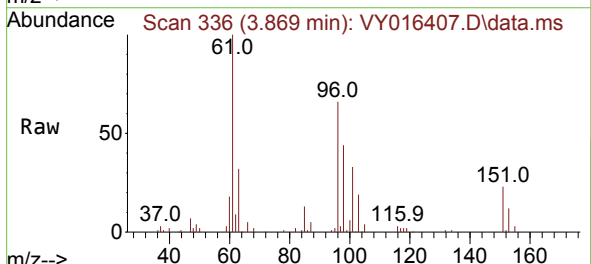
Instrument :
MSVOA_Y
ClientSampleId :

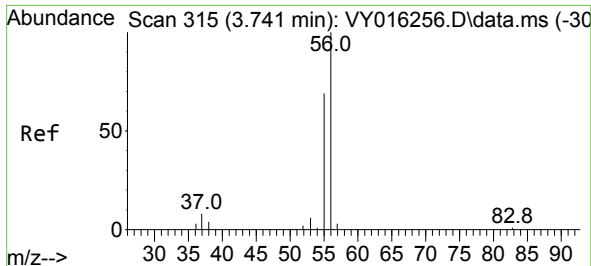
Tgt Ion: 59 Resp: 10288
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.544 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 96 Resp: 29371
Ion Ratio Lower Upper
96 100
61 151.8 136.4 204.6
98 66.6 49.4 74.2





#13

Acrolein

Concen: 89.280 ug/l

RT: 3.722 min Scan# 315

Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

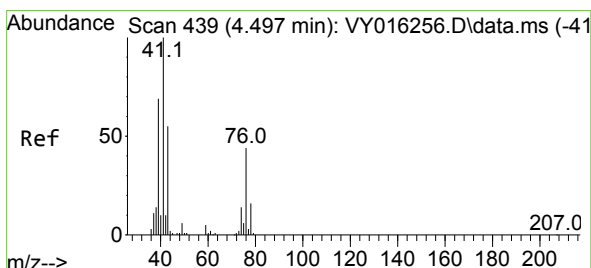
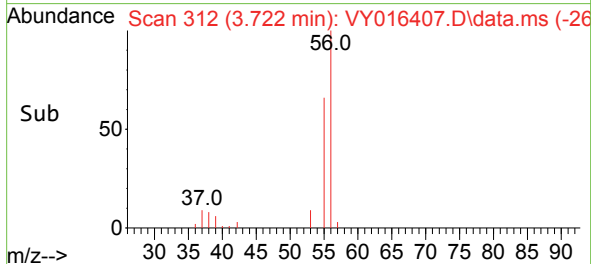
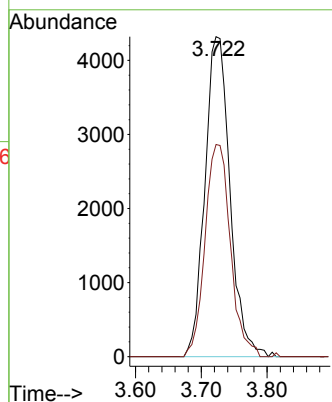
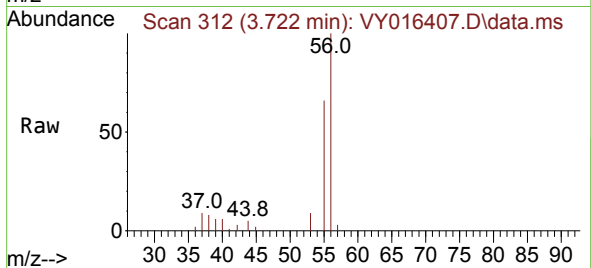
ClientSampleId :

Tgt Ion: 56 Resp: 11462

Ion Ratio Lower Upper

56 100

55 67.0 57.0 85.4



#14

Allyl chloride

Concen: 18.737 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.025 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

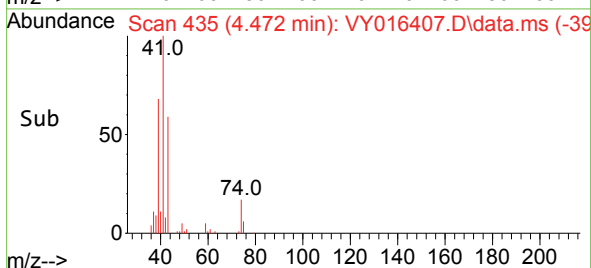
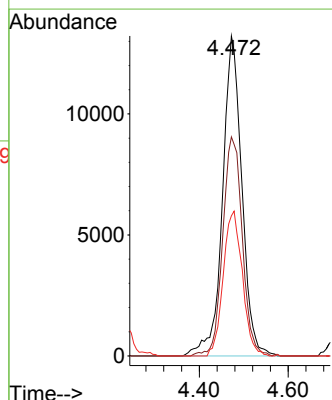
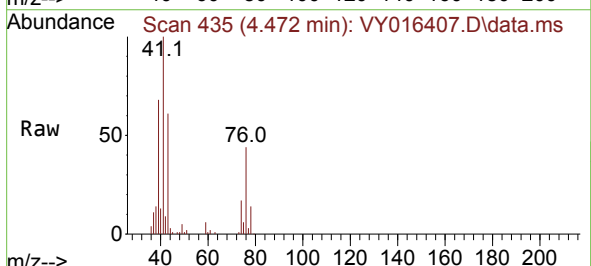
Tgt Ion: 41 Resp: 39960

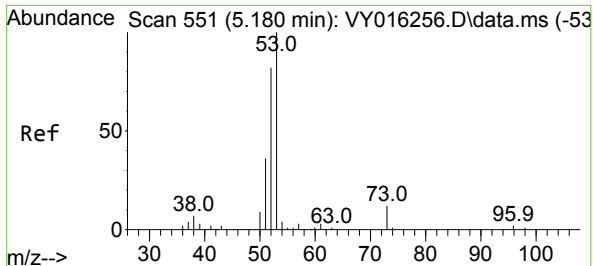
Ion Ratio Lower Upper

41 100

39 68.9 58.0 87.0

76 44.7 27.4 41.2#

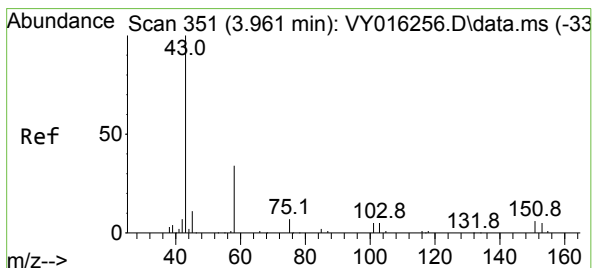
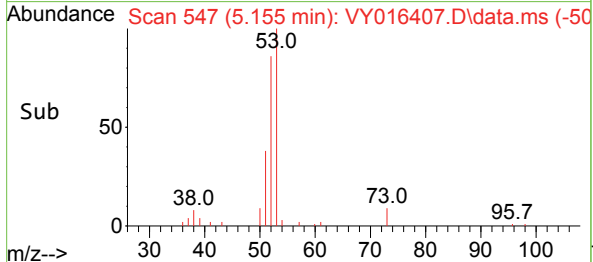
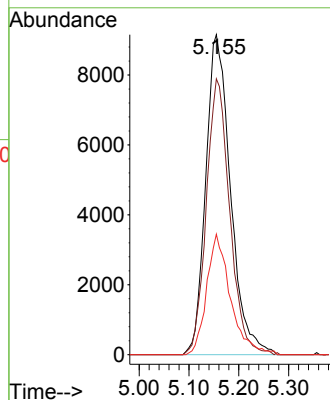
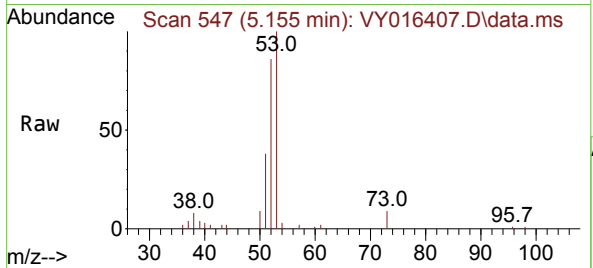




#15
Acrylonitrile
Concen: 99.750 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.025 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

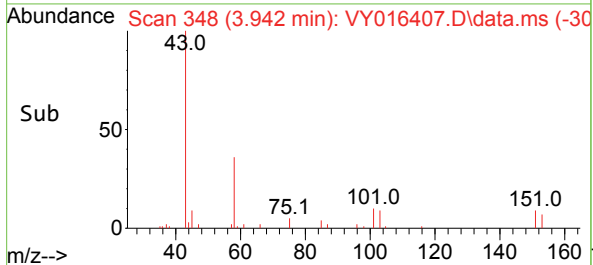
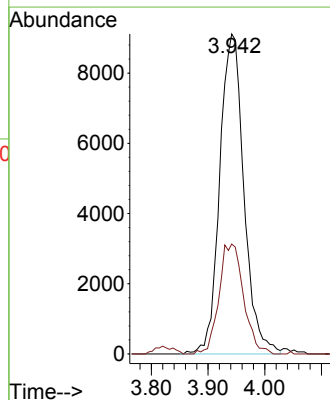
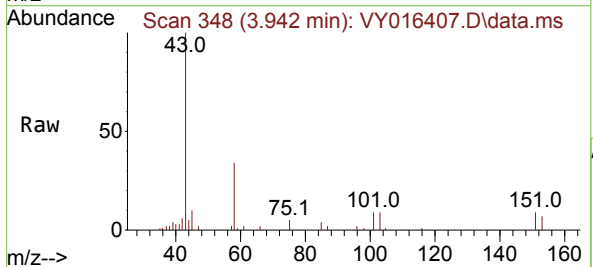
Instrument :
MSVOA_Y
ClientSampleId :

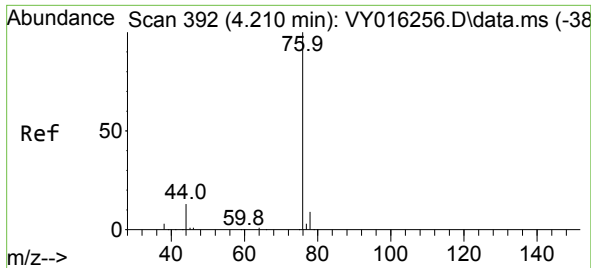
Tgt Ion: 53 Resp: 31566
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 120.077 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 43 Resp: 26997
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#

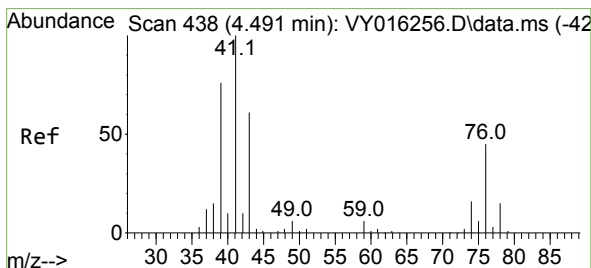
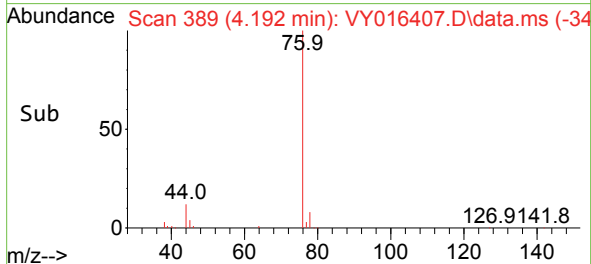
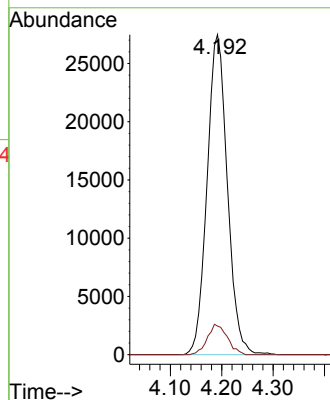
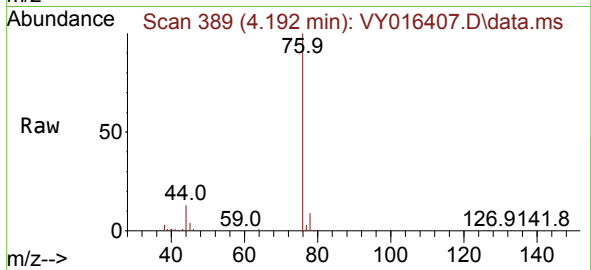




#17
Carbon Disulfide
Concen: 16.619 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

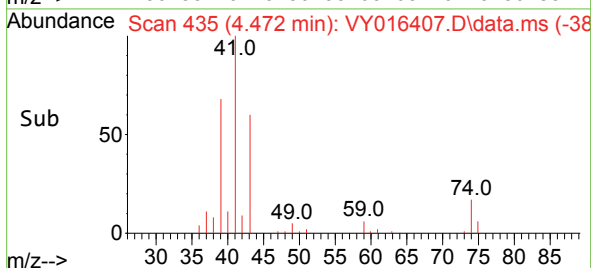
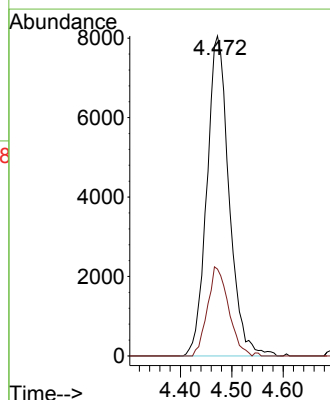
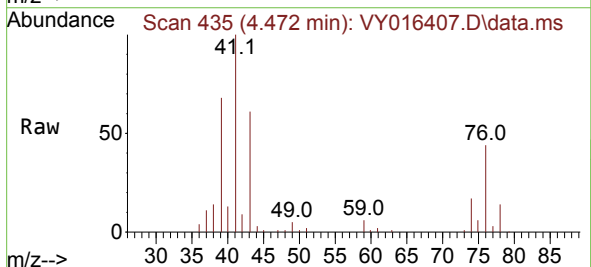
Instrument :
MSVOA_Y
ClientSampleId :

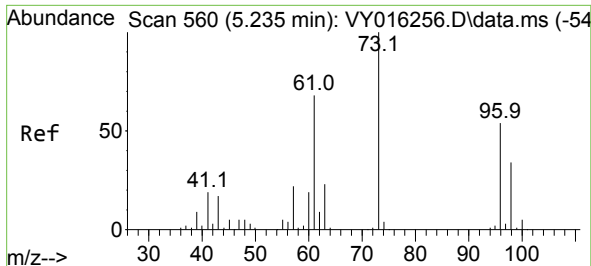
Tgt Ion: 76 Resp: 75357
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 20.230 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 43 Resp: 24169
Ion Ratio Lower Upper
43 100
74 26.4 17.4 26.0#

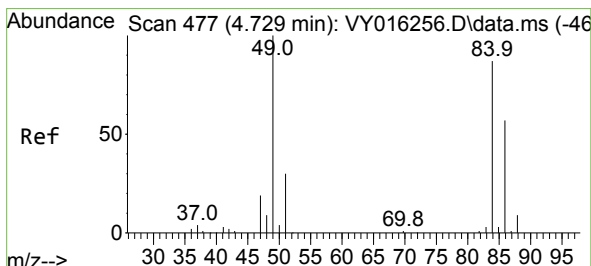
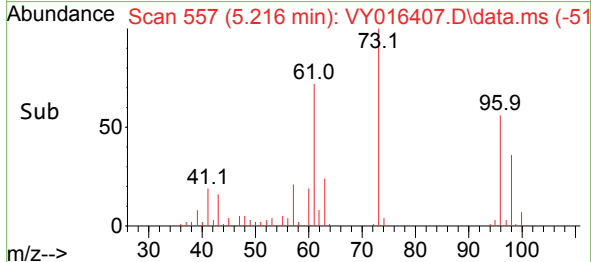
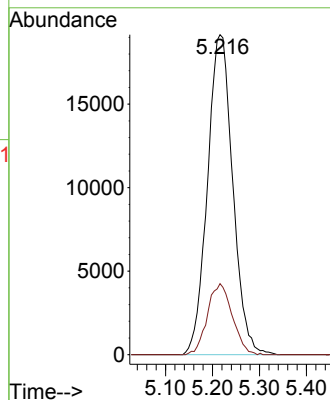
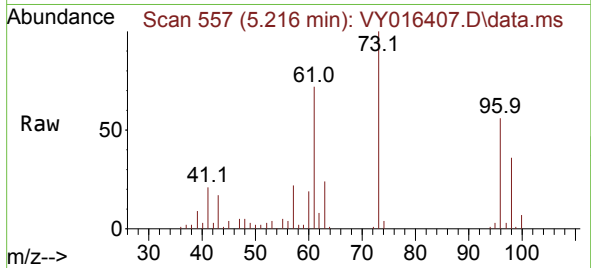




#19
Methyl tert-butyl Ether
Concen: 19.688 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

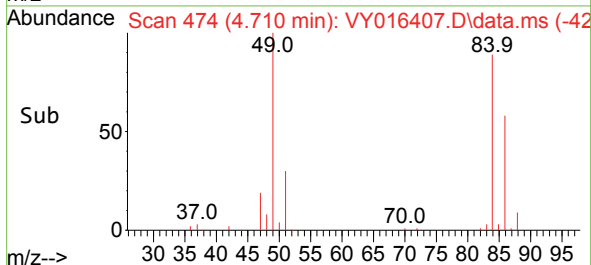
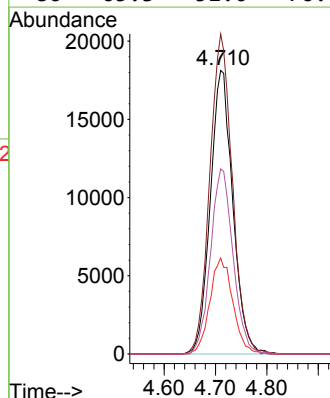
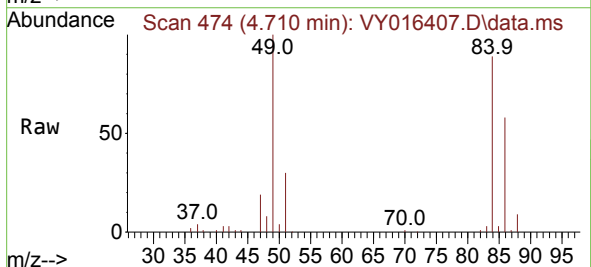
Instrument :
MSVOA_Y
ClientSampleId :

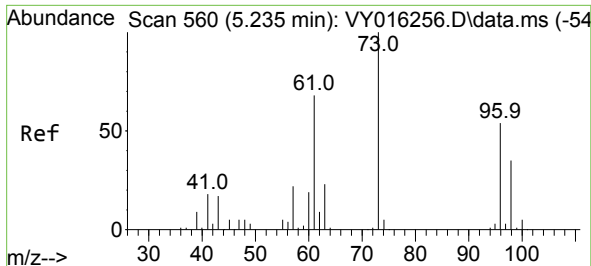
Tgt Ion: 73 Resp: 71612
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 33.549 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 84 Resp: 55104
Ion Ratio Lower Upper
84 100
49 112.8 106.9 160.3
51 33.9 33.2 49.8
86 65.3 51.0 76.6

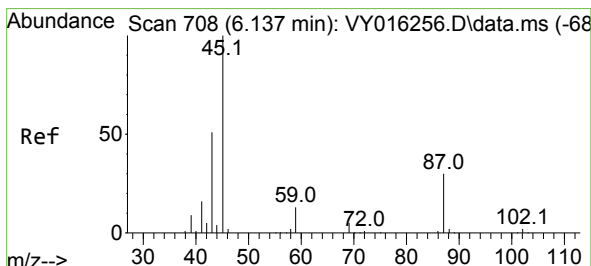
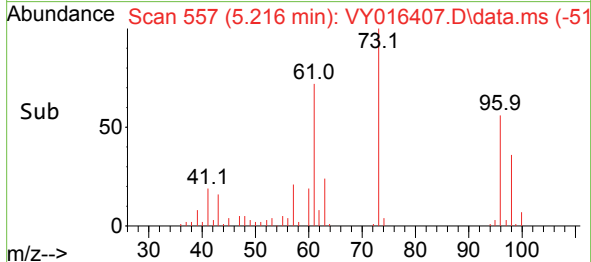
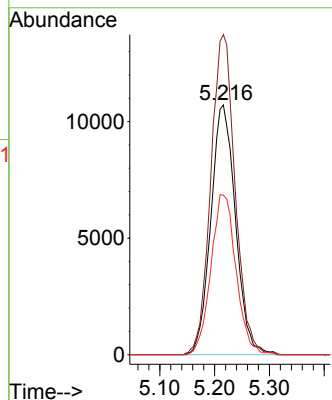
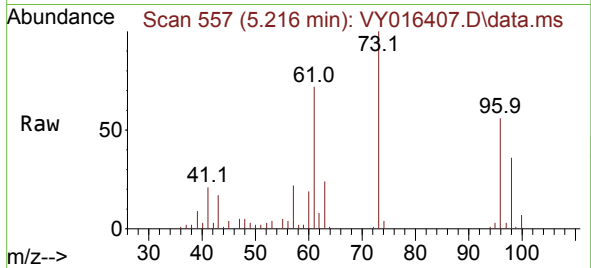




#21
trans-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

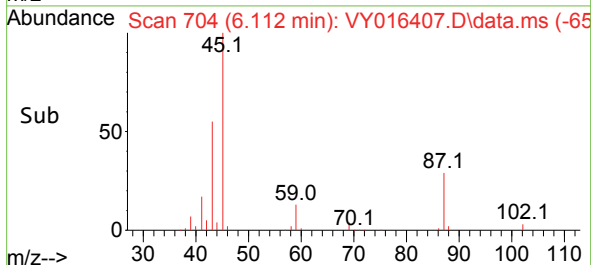
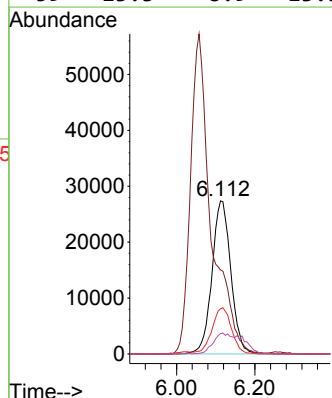
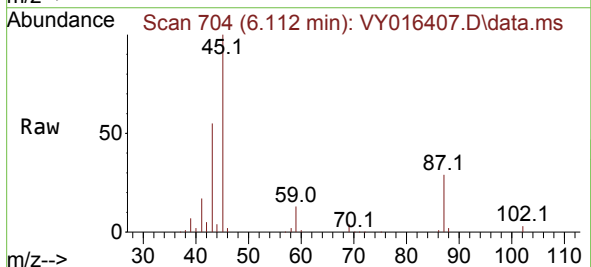
Instrument :
MSVOA_Y
ClientSampleId :

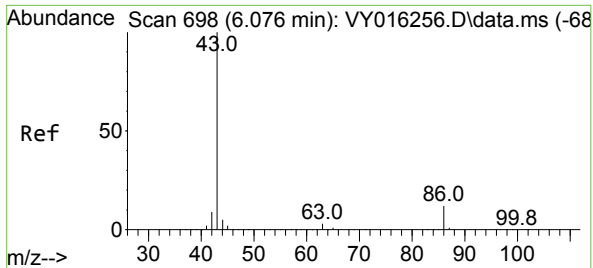
Tgt Ion: 96 Resp: 33493
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 19.959 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.025 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 45 Resp: 91735
Ion Ratio Lower Upper
45 100
43 53.5 52.2 78.4
87 29.5 21.0 31.6
59 13.3 8.9 13.3

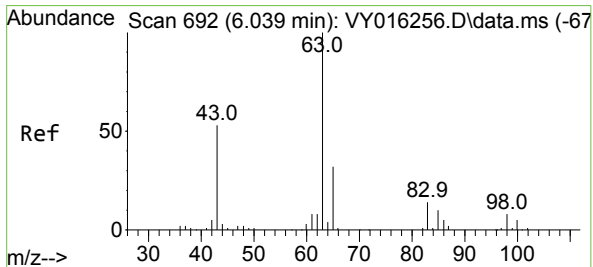
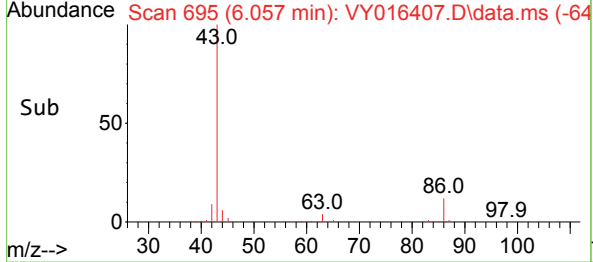
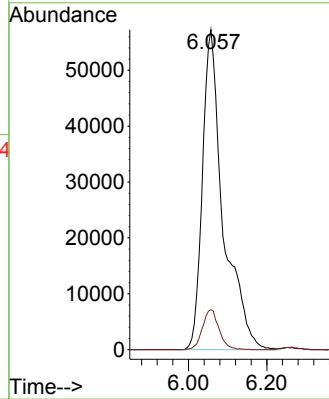
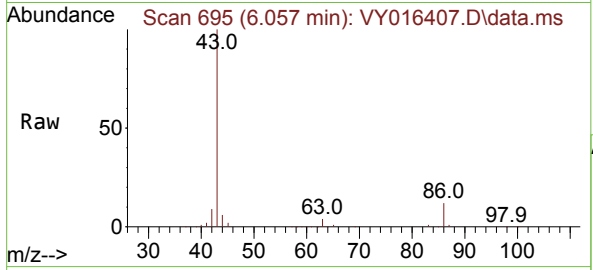




#23
 Vinyl Acetate
 Concen: 94.705 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

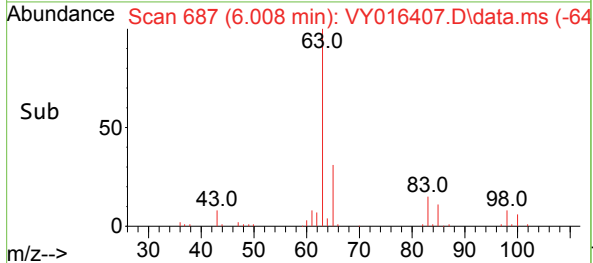
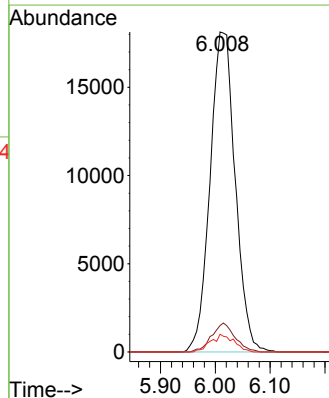
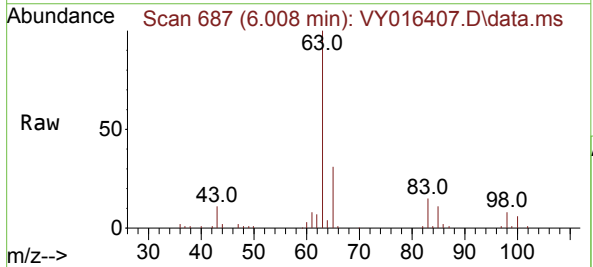
Instrument :
 MSVOA_Y
 ClientSampleId :

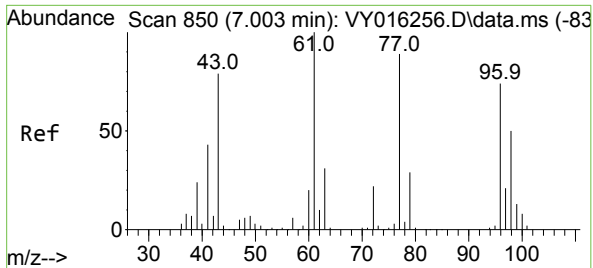
Tgt Ion: 43 Resp: 210908
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.397 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.031 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

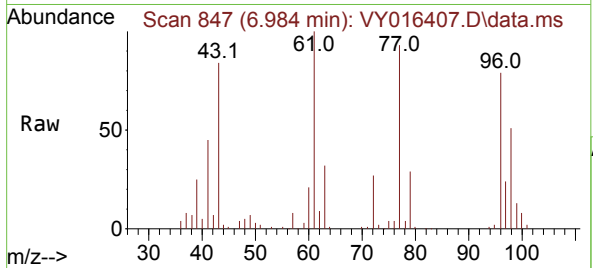
Tgt Ion: 63 Resp: 57835
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 5.5 1.8 5.5



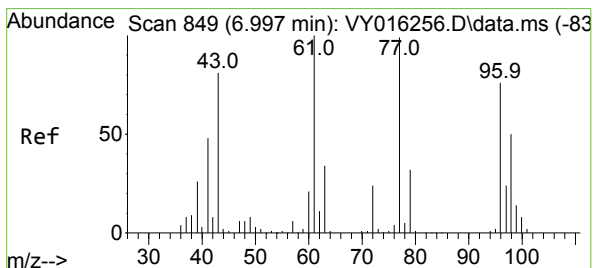
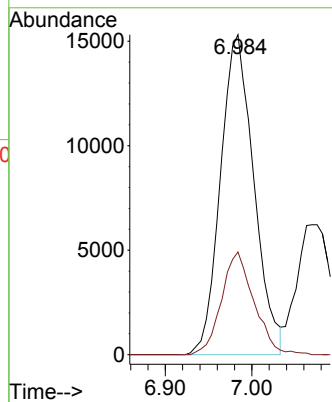
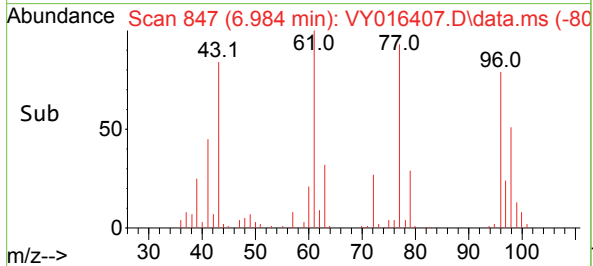


#25
2-Butanone
Concen: 104.161 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :

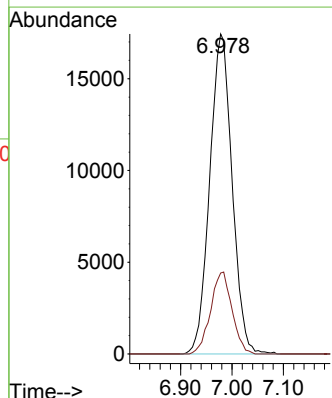
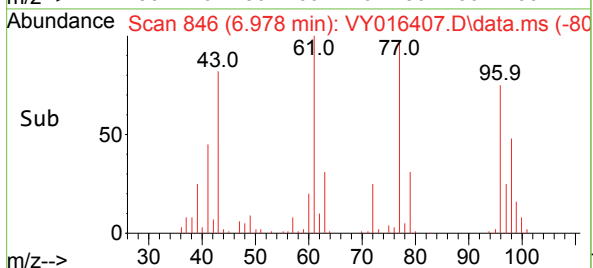
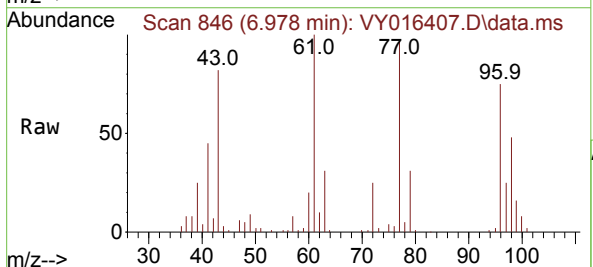


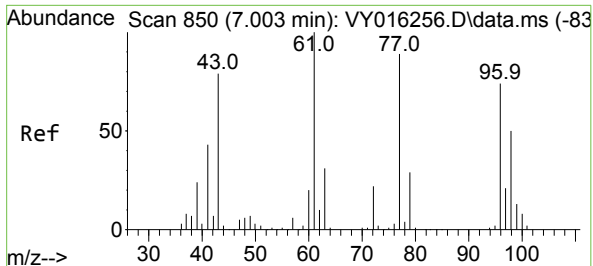
Tgt Ion: 43 Resp: 41019
Ion Ratio Lower Upper
43 100
72 32.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 20.437 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 77 Resp: 52741
Ion Ratio Lower Upper
77 100
97 24.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.839 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

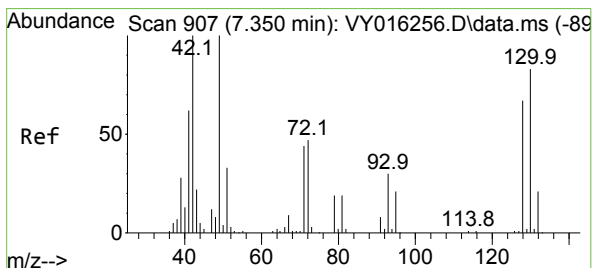
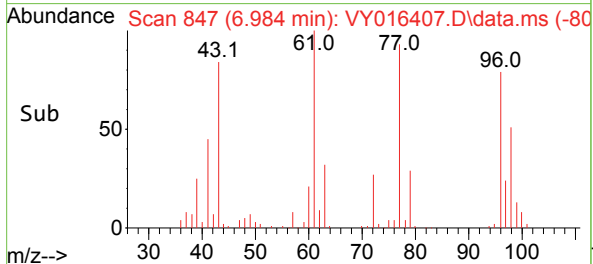
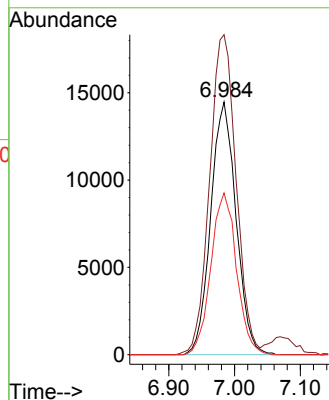
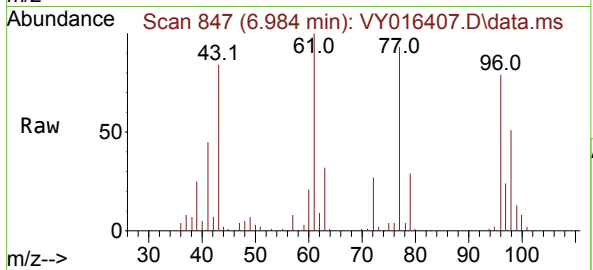
Tgt Ion: 96 Resp: 38859

Ion Ratio Lower Upper

96 100

61 132.3 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.810 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

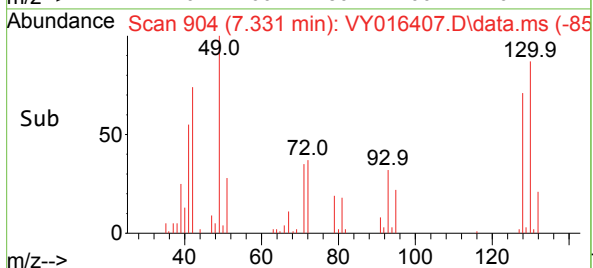
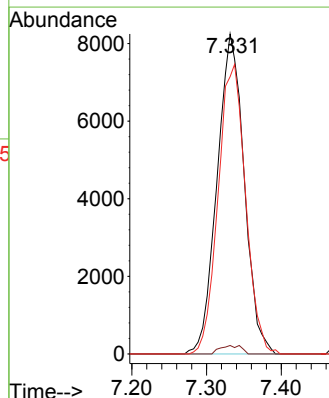
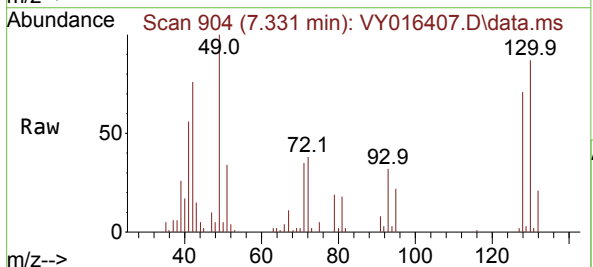
Tgt Ion: 49 Resp: 20788

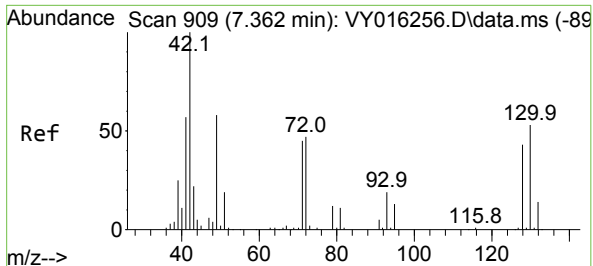
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 91.4 60.7 91.1#





#29

Tetrahydrofuran

Concen: 91.713 ug/l

RT: 7.350 min Scan# 909

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

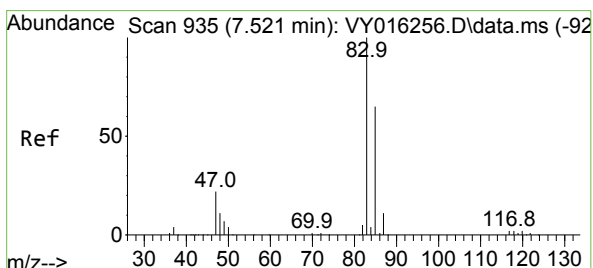
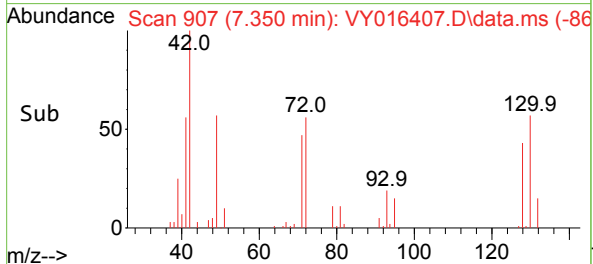
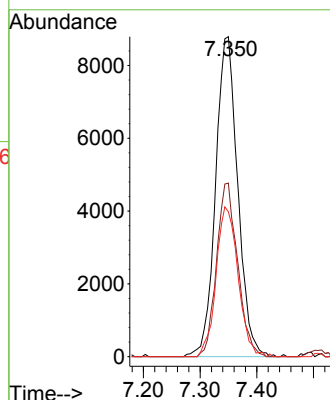
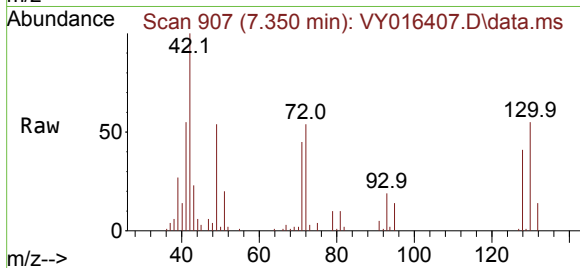
Tgt Ion: 42 Resp: 23872

Ion Ratio Lower Upper

42 100

72 51.6 32.8 49.2#

71 46.5 31.0 46.4#



#30

Chloroform

Concen: 21.371 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.019 min

Lab File: VY016407.D

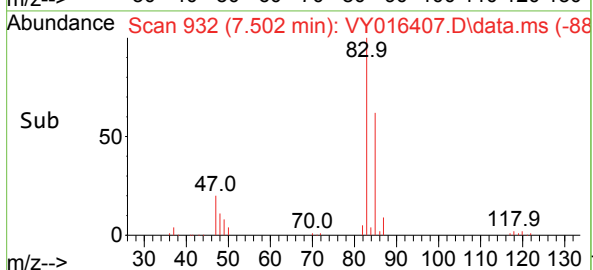
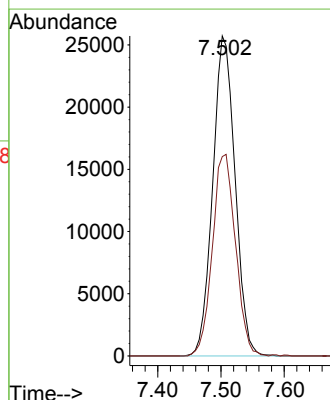
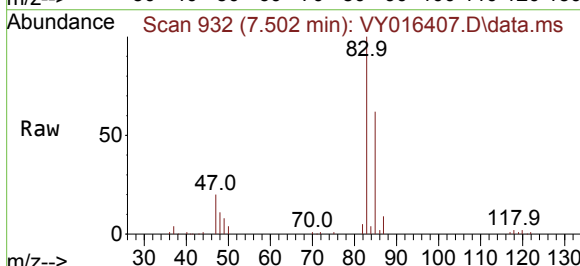
Acq: 17 Nov 2023 13:09

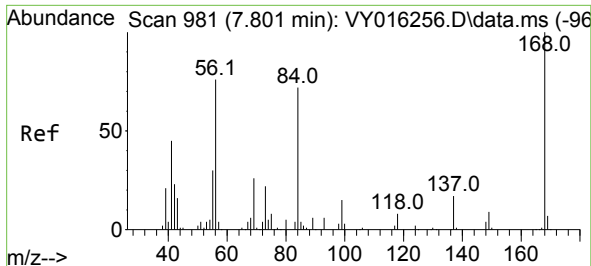
Tgt Ion: 83 Resp: 63073

Ion Ratio Lower Upper

83 100

85 62.3 49.7 74.5

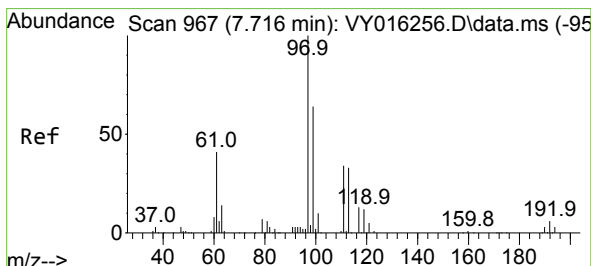
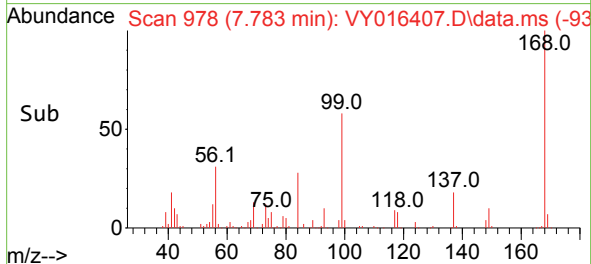
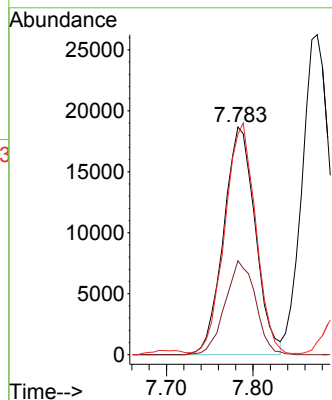
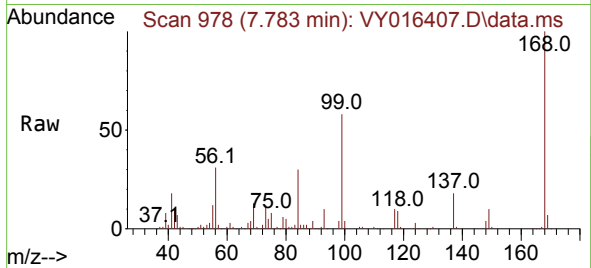




#31
Cyclohexane
Concen: 17.746 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

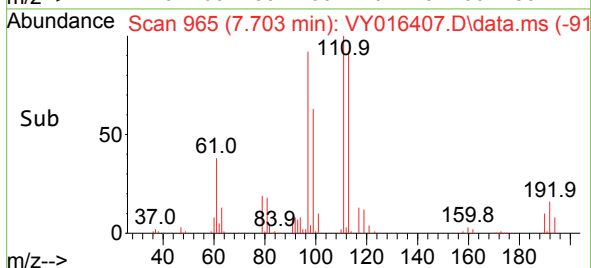
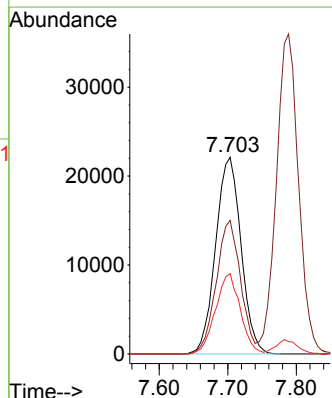
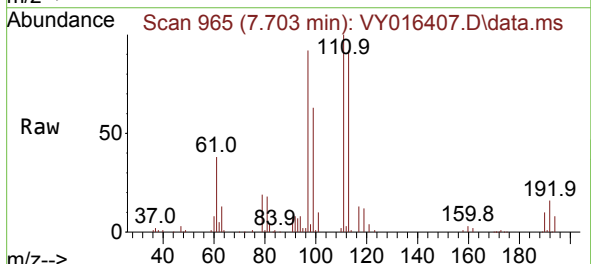
Instrument :
MSVOA_Y
ClientSampleId :

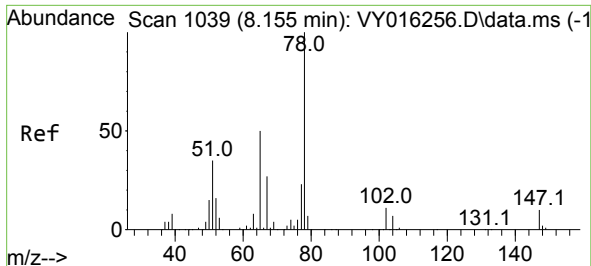
Tgt Ion: 56 Resp: 47488
Ion Ratio Lower Upper
56 100
69 41.3 27.8 41.6
84 95.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.030 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 97 Resp: 56894
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 39.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.461 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

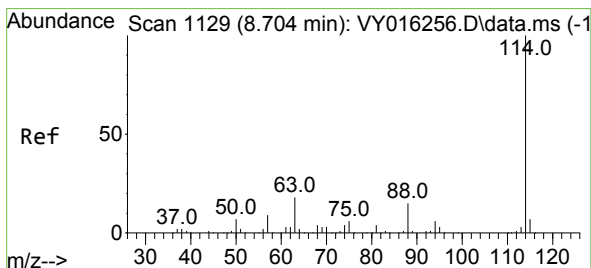
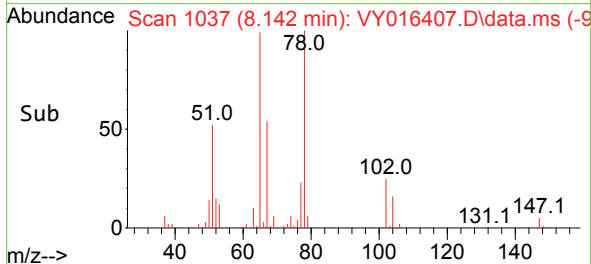
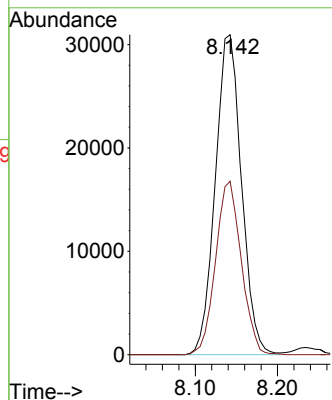
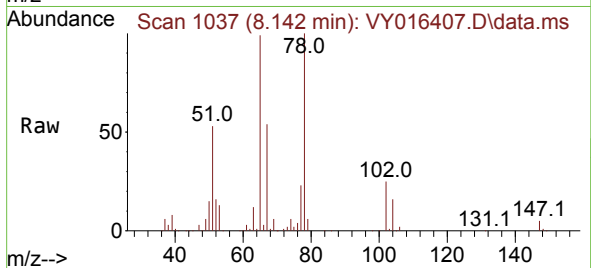
ClientSampleId :

Tgt Ion: 65 Resp: 68587

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016407.D

Acq: 17 Nov 2023 13:09

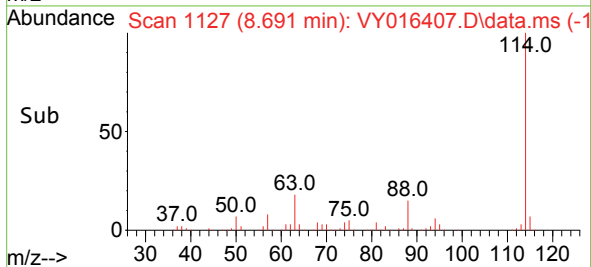
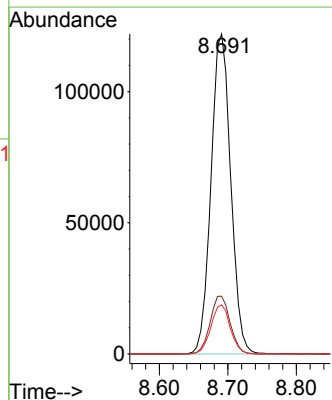
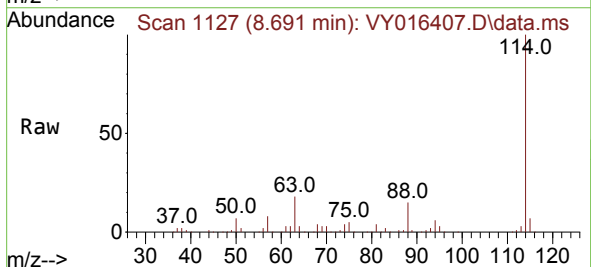
Tgt Ion: 114 Resp: 243547

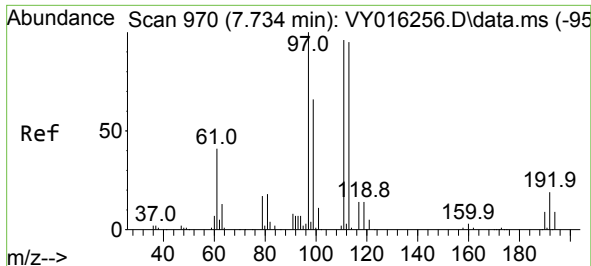
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

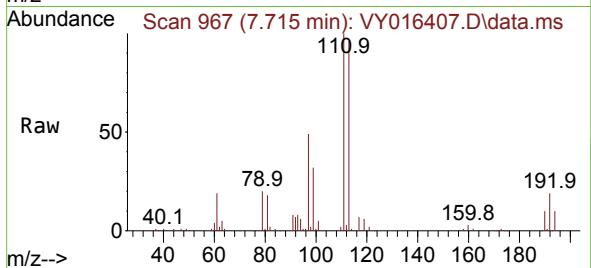
88 15.3 0.0 30.6



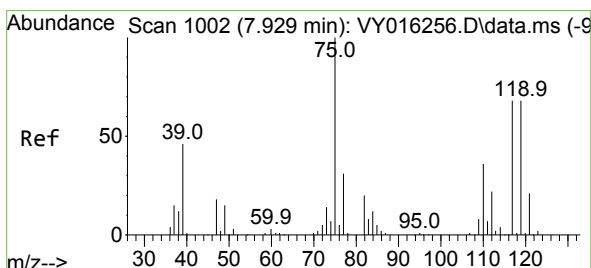
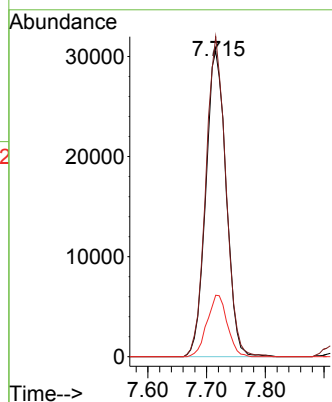
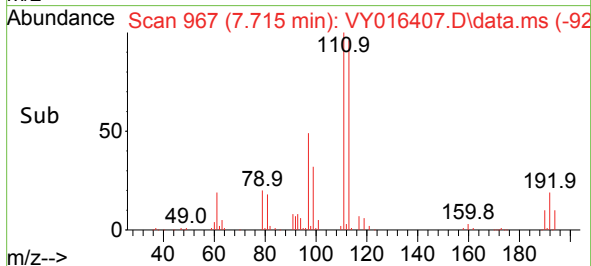


#35
Dibromofluoromethane
Concen: 52.988 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :

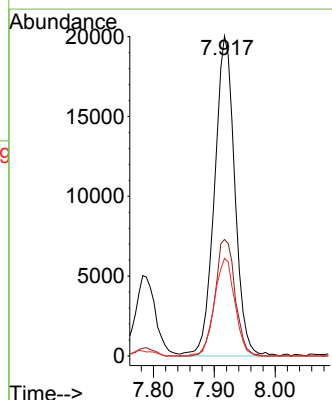
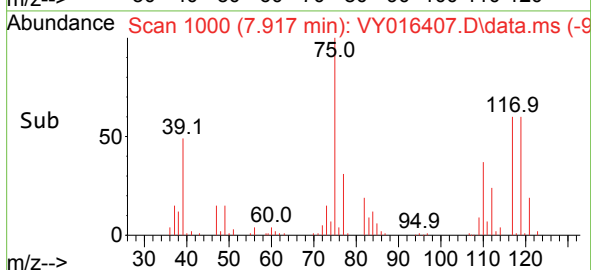
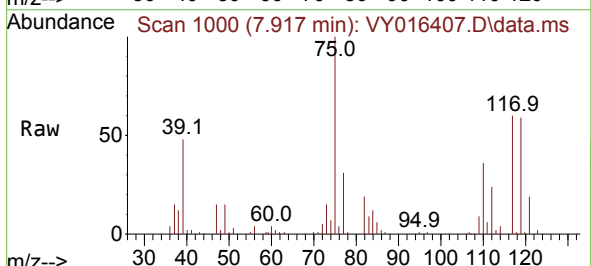


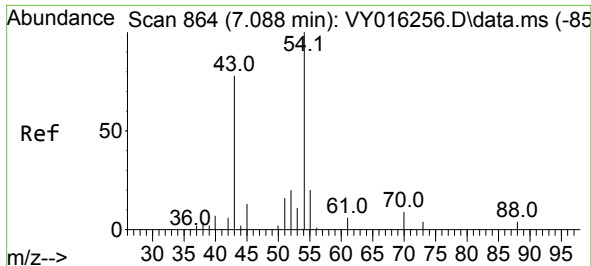
Tgt Ion:113 Resp: 73309
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.264 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 75 Resp: 46279
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 18.938 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.019 min

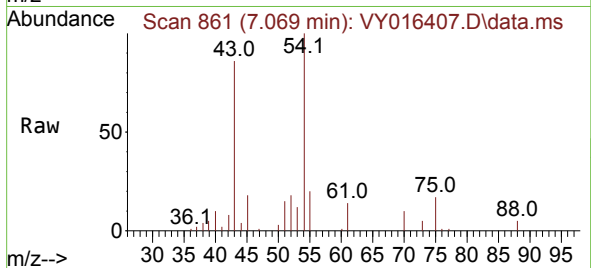
Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

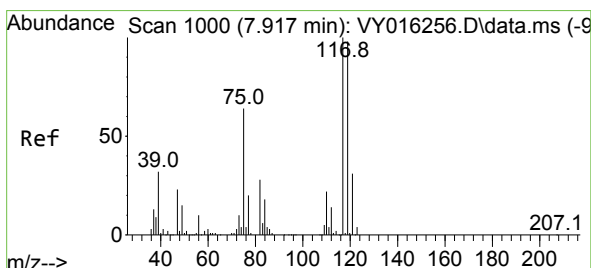
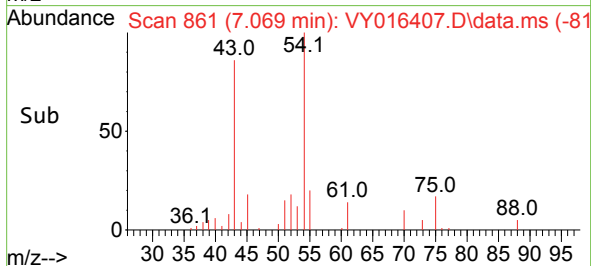
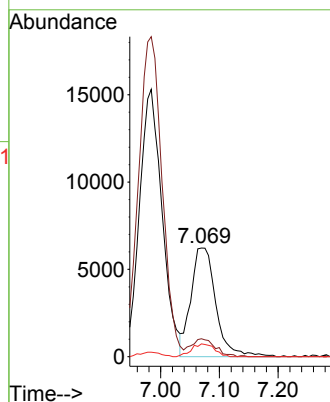
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 18382
Ion Ratio	Lower Upper
43	100
61	16.2 10.1 15.1#
70	10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.999 ug/l

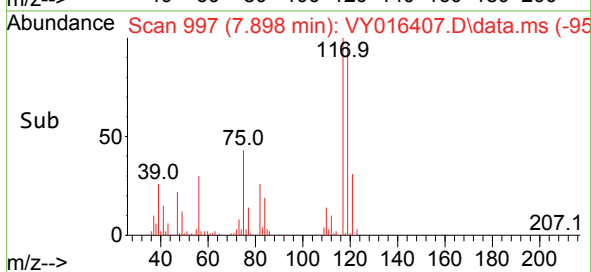
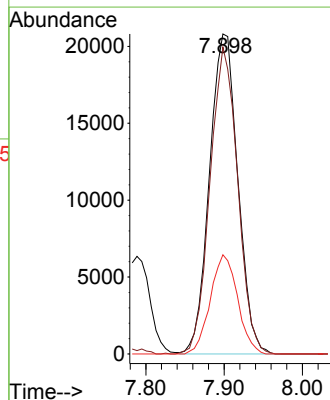
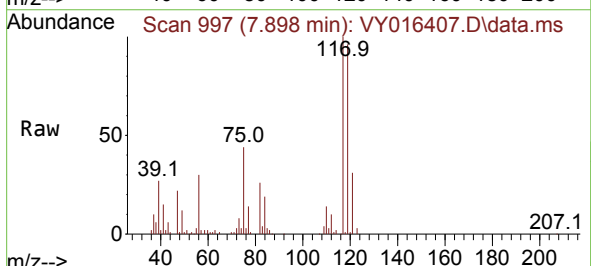
RT: 7.898 min Scan# 997

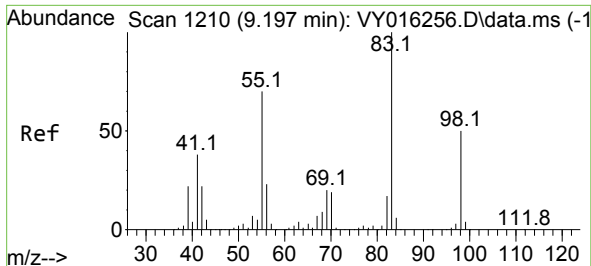
Delta R.T. -0.019 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion: 117	Resp: 52355
Ion Ratio	Lower Upper
117	100
119	95.9 76.4 114.6
121	31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 18.122 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

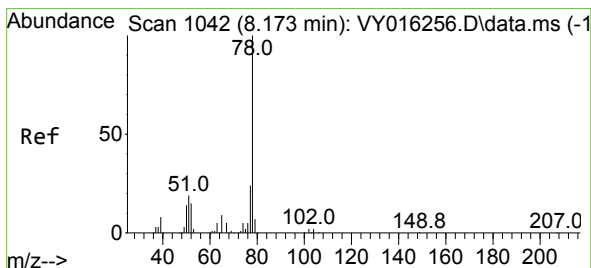
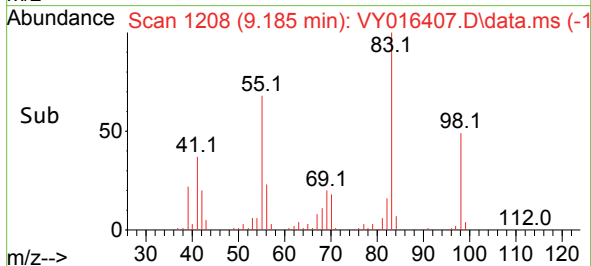
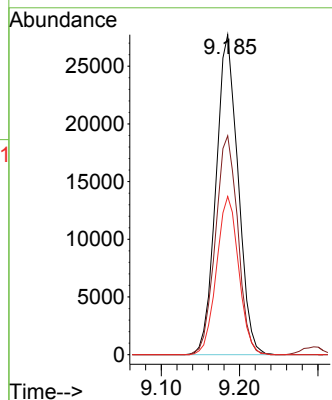
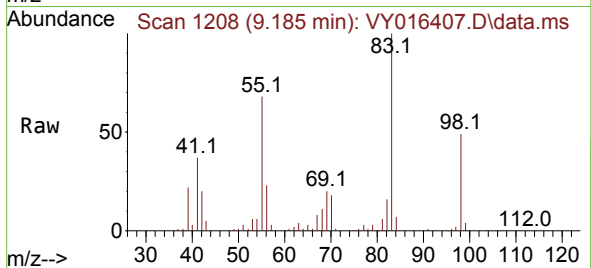
Tgt Ion: 83 Resp: 54247

Ion Ratio Lower Upper

83 100

55 68.4 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 20.248 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.013 min

Lab File: VY016407.D

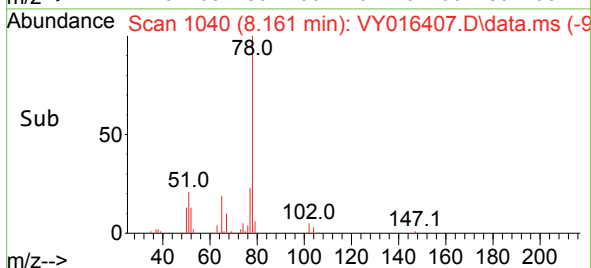
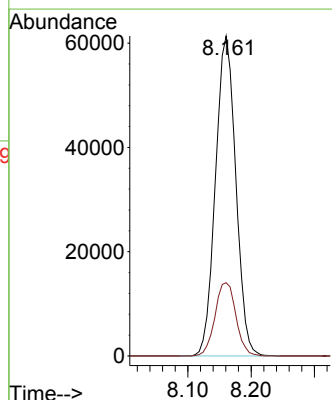
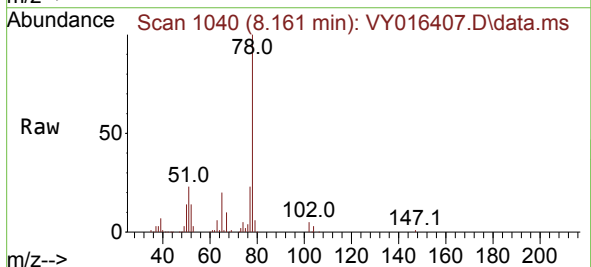
Acq: 17 Nov 2023 13:09

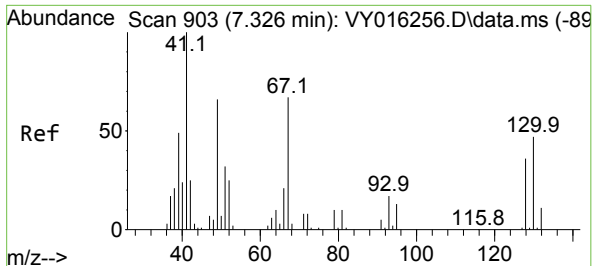
Tgt Ion: 78 Resp: 136662

Ion Ratio Lower Upper

78 100

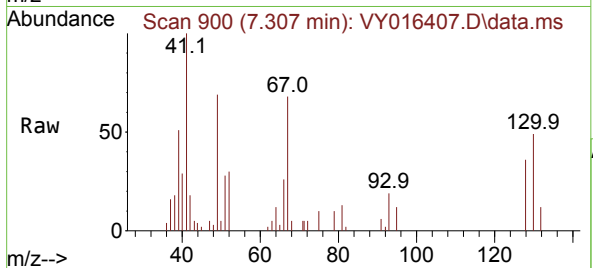
77 22.9 19.0 28.6





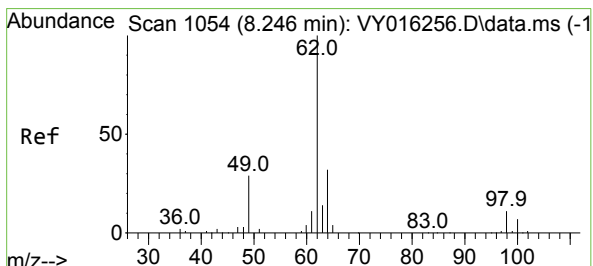
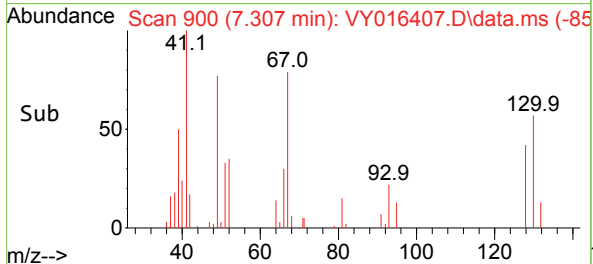
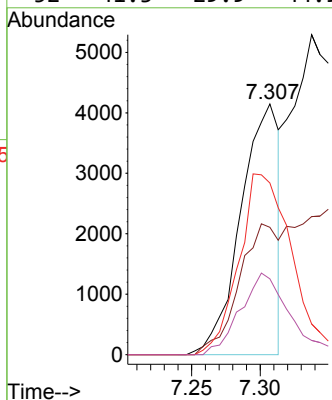
#41
Methacrylonitrile
Concen: 16.507 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.019 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 8079

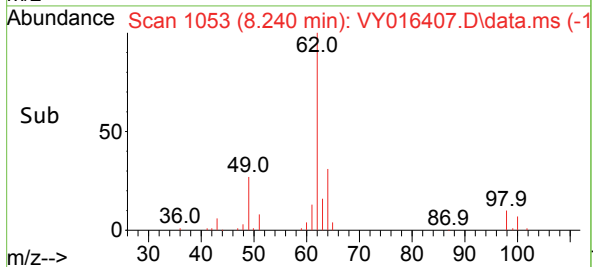
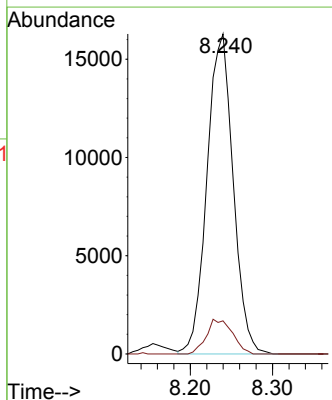
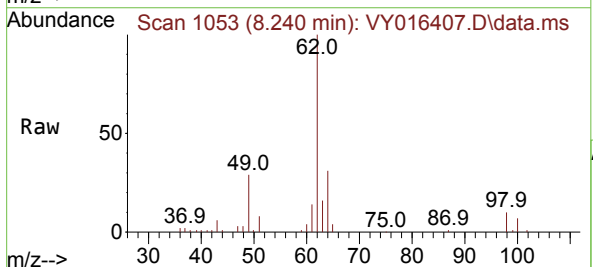
Ion	Ratio	Lower	Upper
41	100		
39	53.7	52.1	78.1
67	98.7	66.2	99.2
52	41.3	29.9	44.9

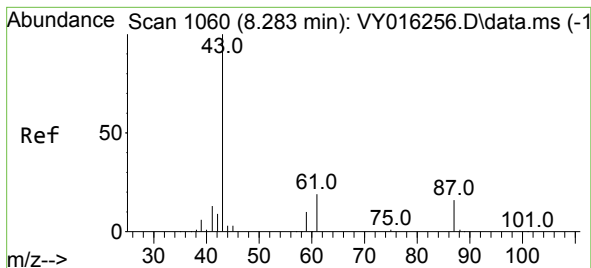


#42
1,2-Dichloroethane
Concen: 20.578 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 62 Resp: 35986

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.291 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.013 min

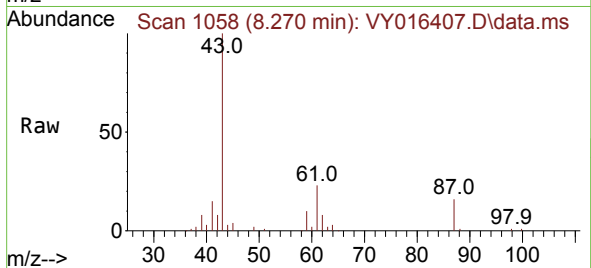
Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :



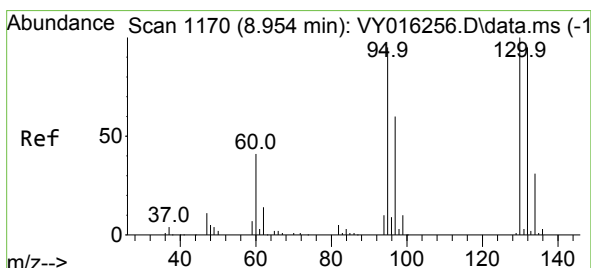
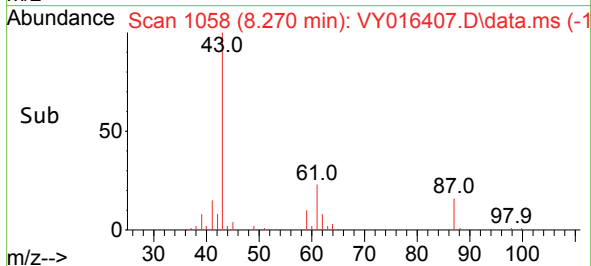
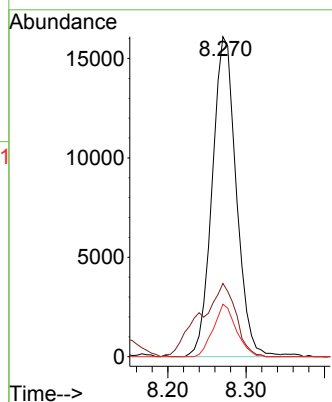
Tgt Ion: 43 Resp: 34319

Ion Ratio Lower Upper

43 100

61 34.1 21.1 31.7#

87 15.6 9.8 14.8#



#44

Trichloroethene

Concen: 20.290 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.013 min

Lab File: VY016407.D

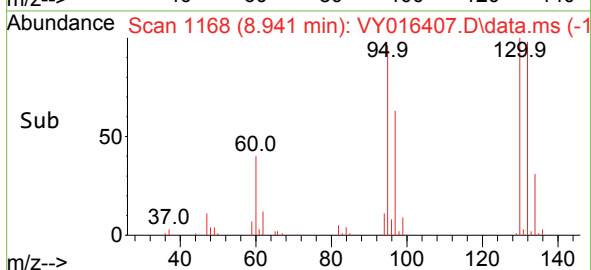
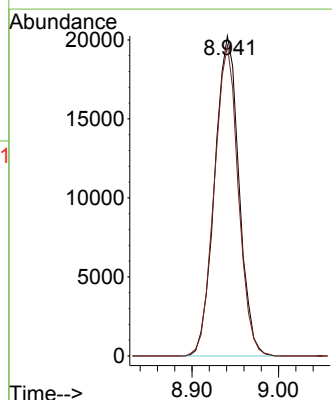
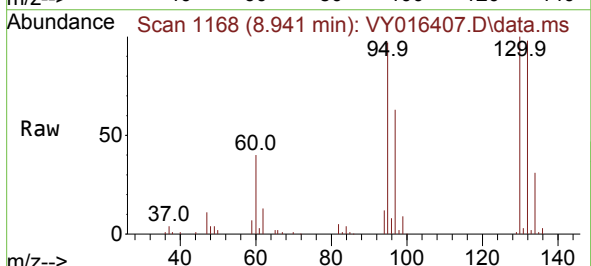
Acq: 17 Nov 2023 13:09

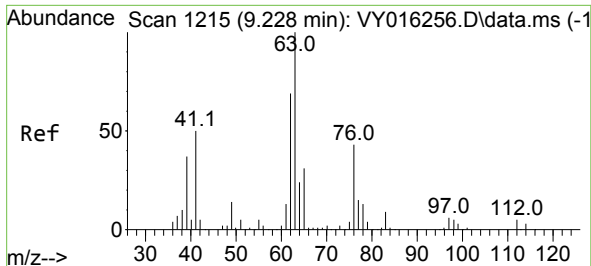
Tgt Ion:130 Resp: 39357

Ion Ratio Lower Upper

130 100

95 97.1 0.0 196.0

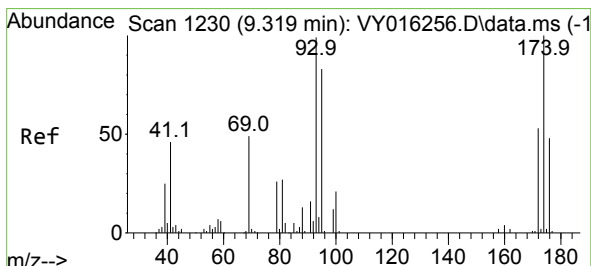
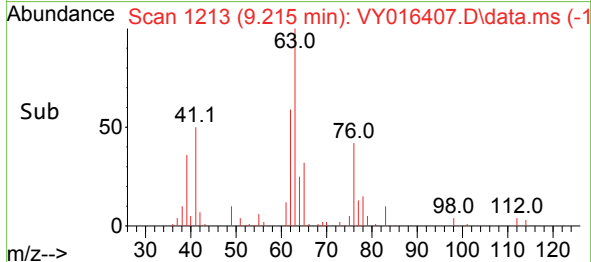
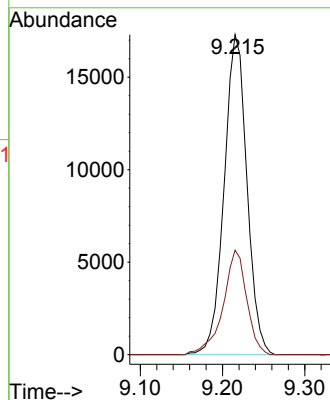
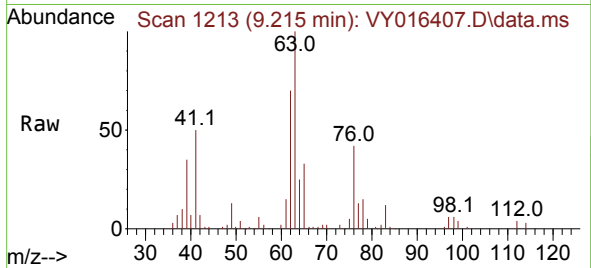




#45
1,2-Dichloropropane
Concen: 20.565 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

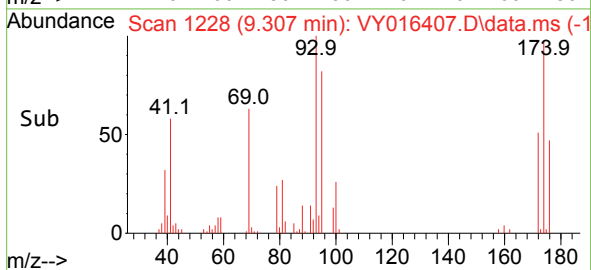
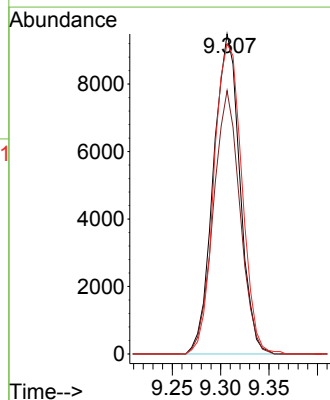
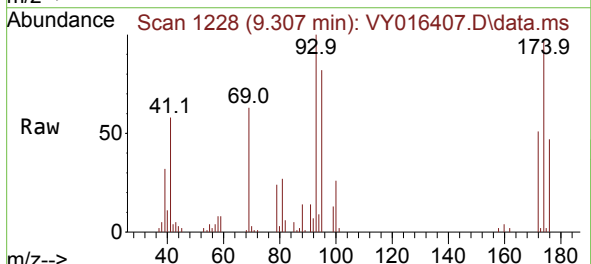
Instrument :
MSVOA_Y
ClientSampleId :

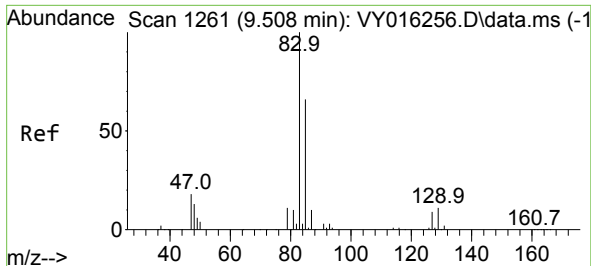
Tgt Ion: 63 Resp: 33334
Ion Ratio Lower Upper
63 100
65 32.7 23.8 35.6



#46
Dibromomethane
Concen: 20.490 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

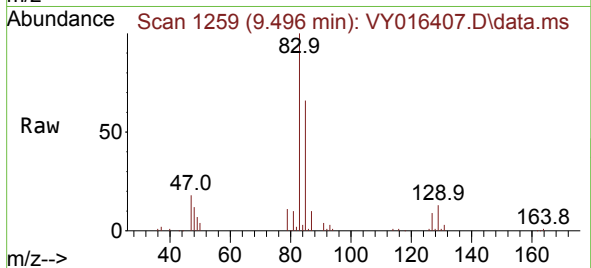
Tgt Ion: 93 Resp: 17998
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 102.2 84.8 127.2



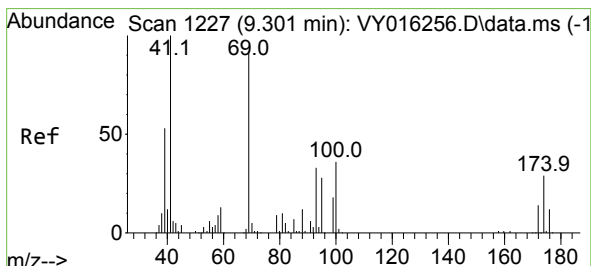
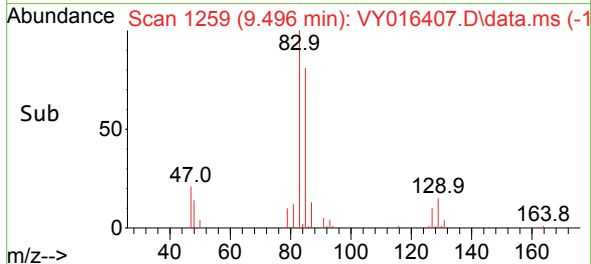
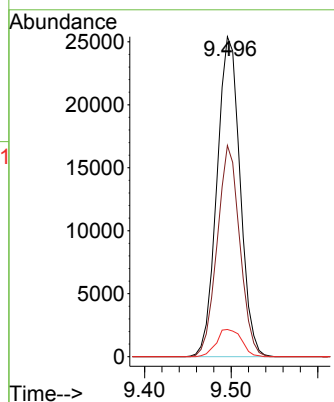


#47
 Bromodichloromethane
 Concen: 20.835 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.013 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

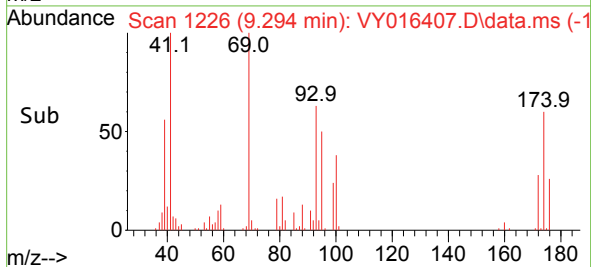
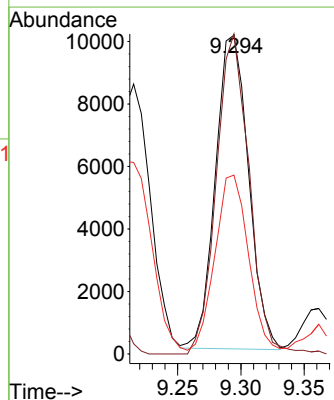
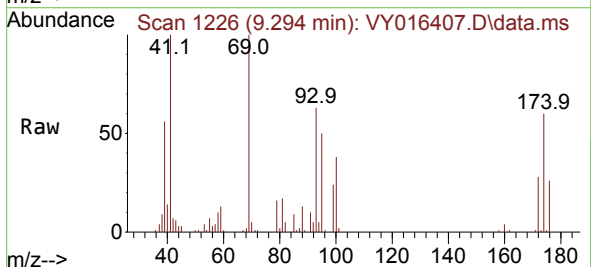


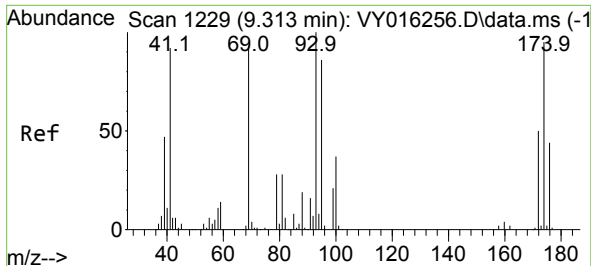
Tgt Ion: 83 Resp: 47050
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.1 75.1
 127 8.5 7.1 10.7



#48
 Methyl methacrylate
 Concen: 17.605 ug/l
 RT: 9.294 min Scan# 1226
 Delta R.T. -0.007 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Tgt Ion: 41 Resp: 18256
 Ion Ratio Lower Upper
 41 100
 69 101.2 64.5 96.7#
 39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 363.310 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

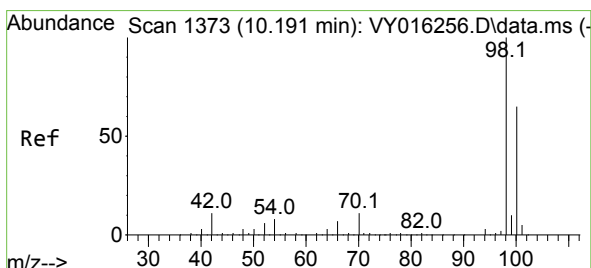
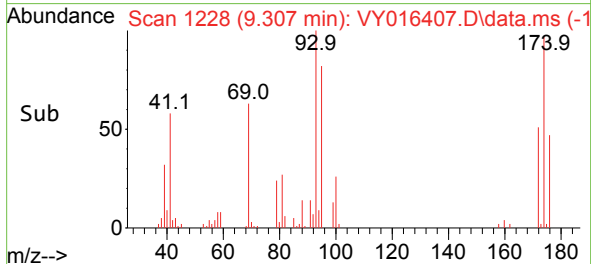
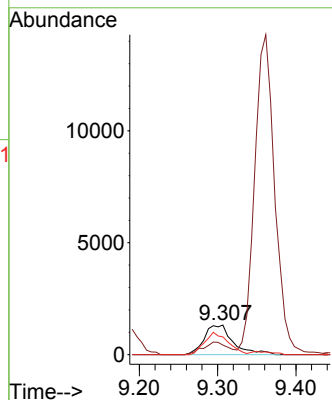
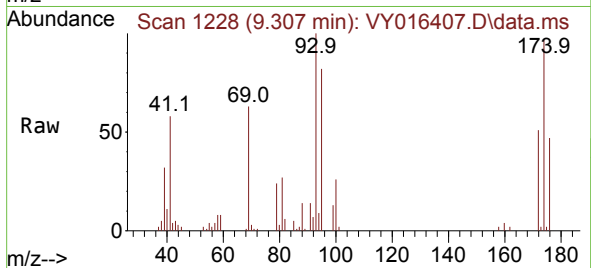
Tgt Ion: 88 Resp: 3388

Ion Ratio Lower Upper

88 100

43 37.8 0.0 0.0#

58 61.6 30.9 46.3#



#50

Toluene-d8

Concen: 50.467 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.013 min

Lab File: VY016407.D

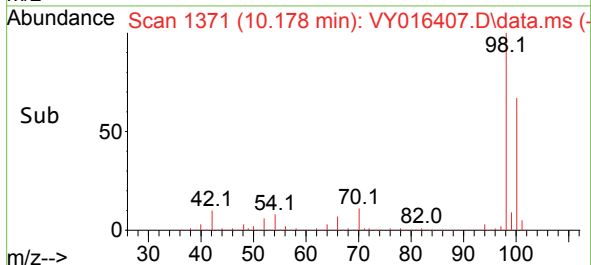
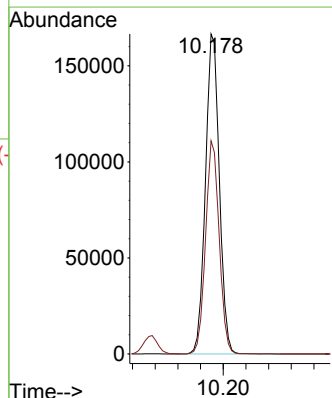
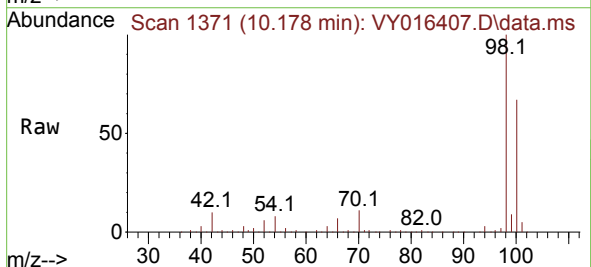
Acq: 17 Nov 2023 13:09

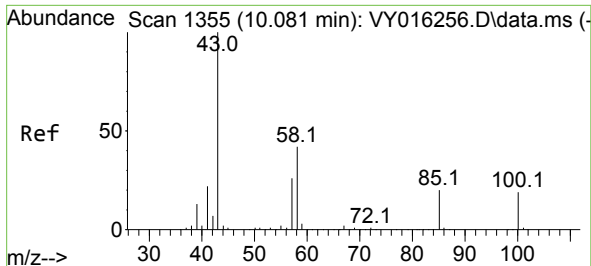
Tgt Ion: 98 Resp: 283141

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 93.379 ug/l

RT: 10.069 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

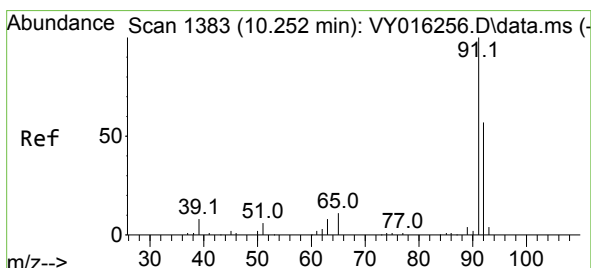
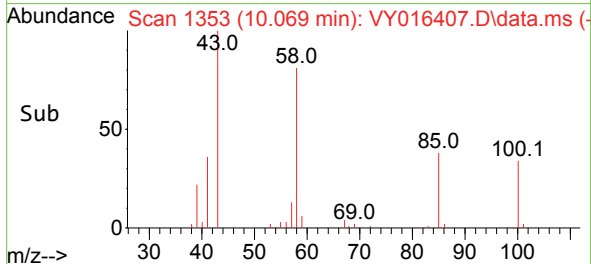
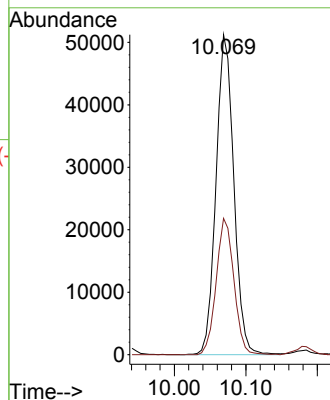
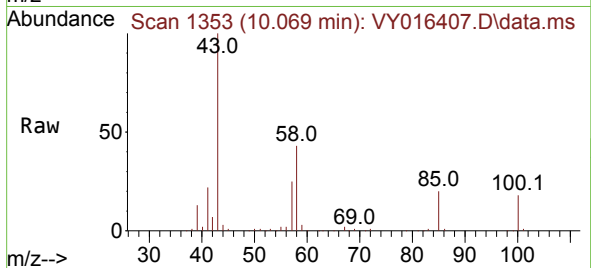
ClientSampleId :

Tgt Ion: 43 Resp: 88596

Ion Ratio Lower Upper

43 100

58 42.4 29.0 43.6



#52

Toluene

Concen: 20.210 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.007 min

Lab File: VY016407.D

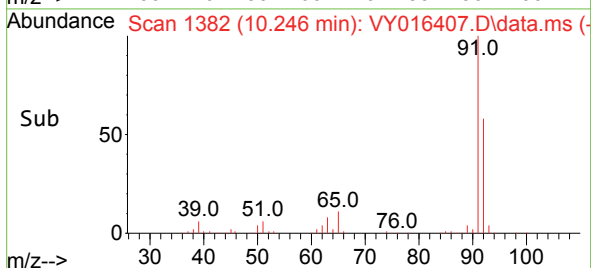
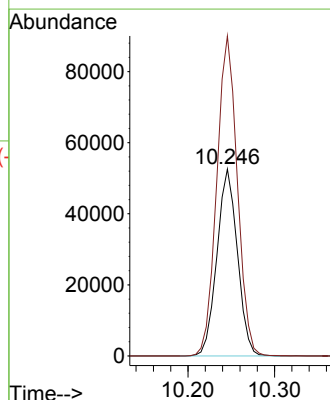
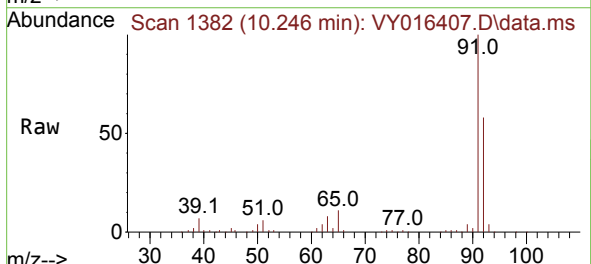
Acq: 17 Nov 2023 13:09

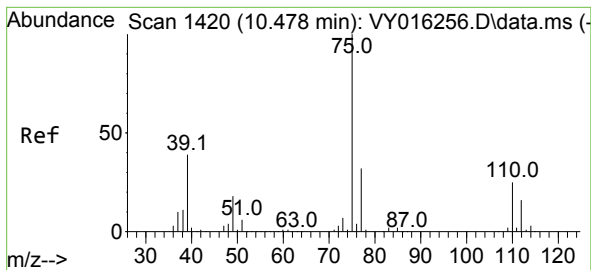
Tgt Ion: 92 Resp: 86226

Ion Ratio Lower Upper

92 100

91 172.6 143.8 215.6

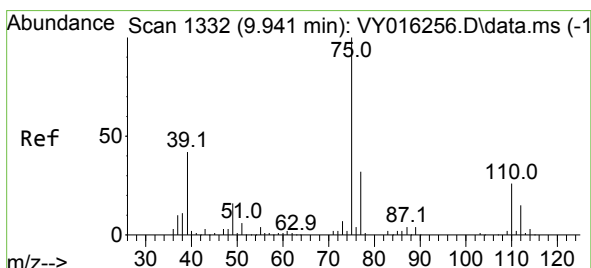
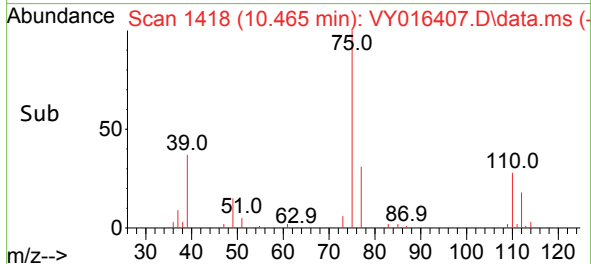
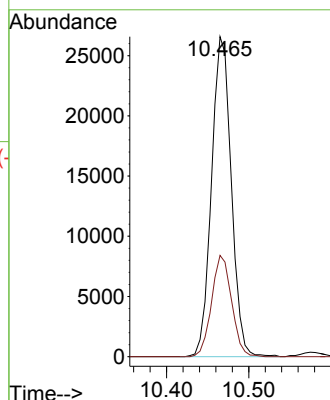
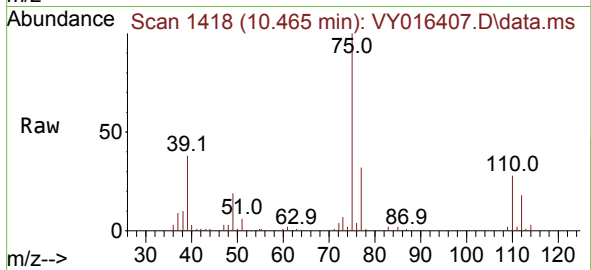




#53
 t-1,3-Dichloropropene
 Concen: 20.212 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.013 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

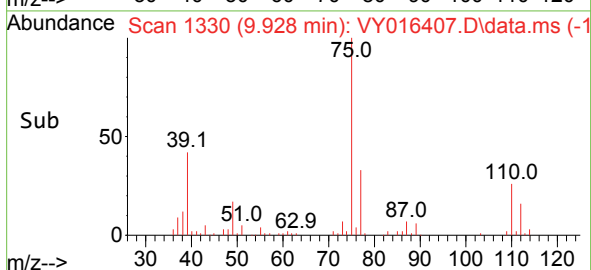
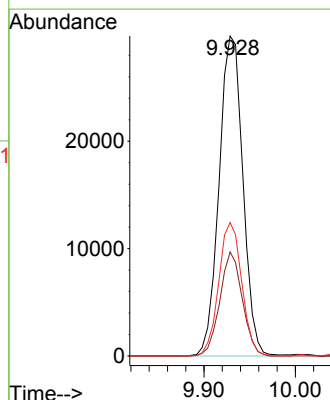
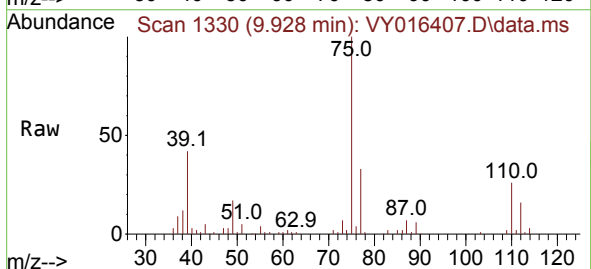
Instrument :
 MSVOA_Y
 ClientSampleId :

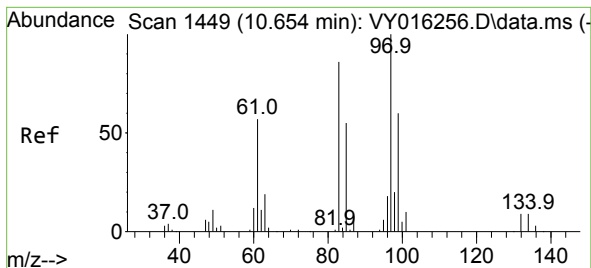
Tgt Ion: 75 Resp: 44247
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.641 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. -0.013 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Tgt Ion: 75 Resp: 53972
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 41.7 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.218 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25688

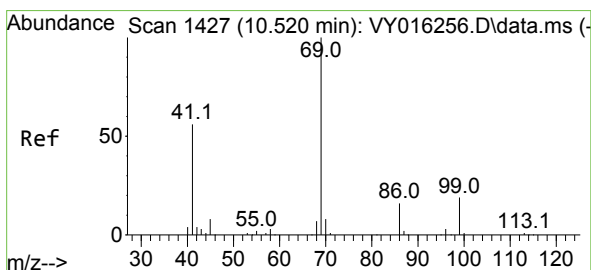
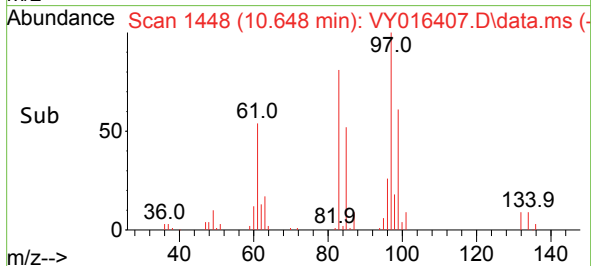
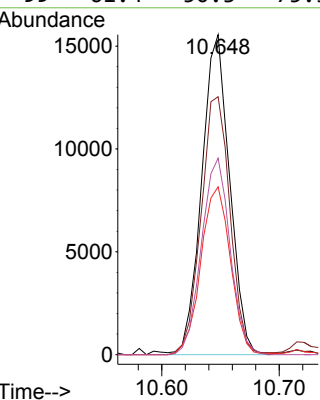
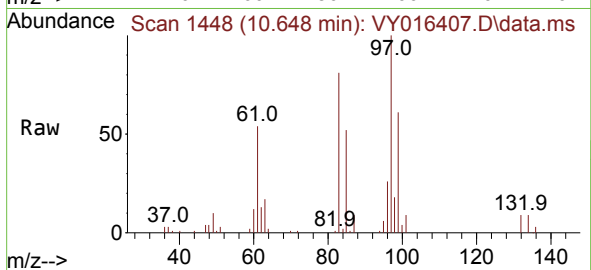
Ion Ratio Lower Upper

97 100

83 80.6 72.0 108.0

85 52.4 45.4 68.0

99 61.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.384 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

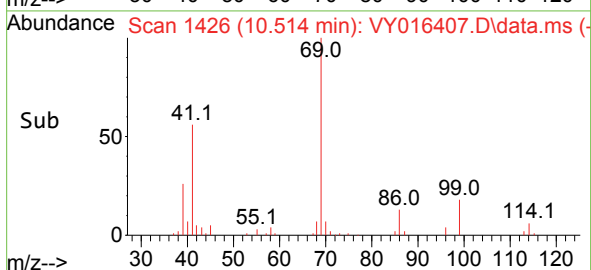
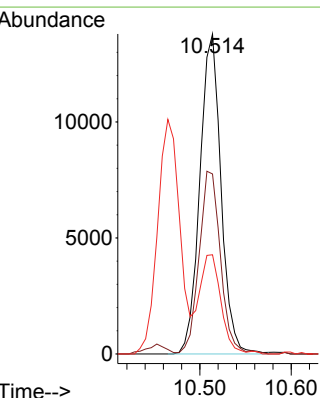
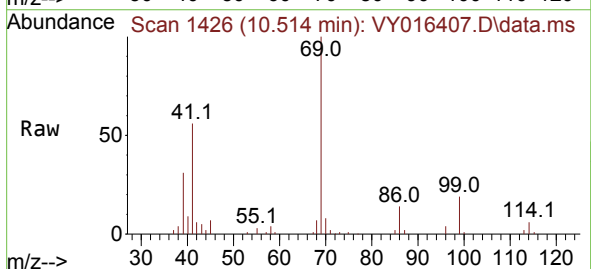
Tgt Ion: 69 Resp: 22153

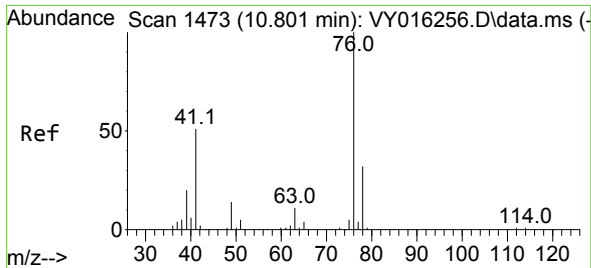
Ion Ratio Lower Upper

69 100

41 57.8 57.6 86.4

39 32.1 34.1 51.1#

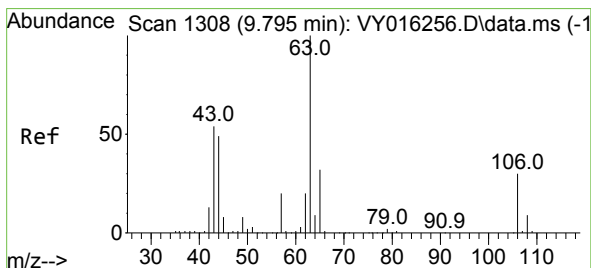
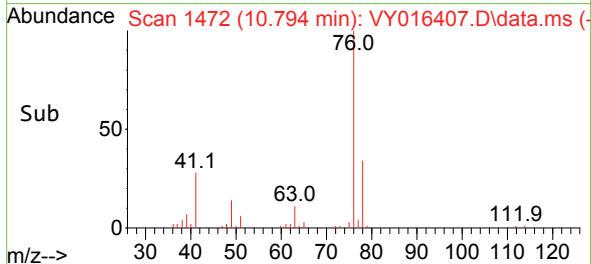
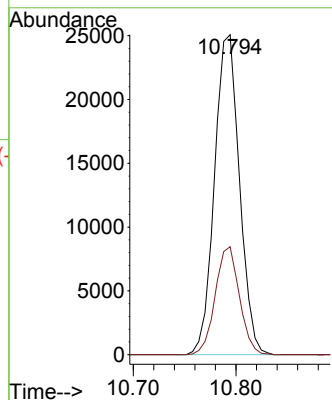
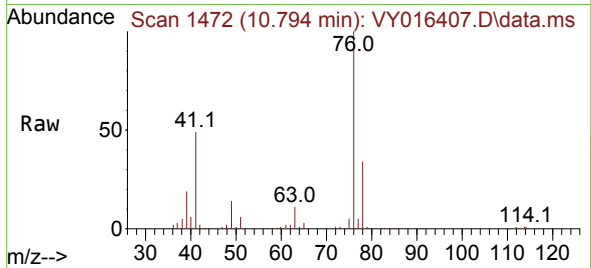




#57
1,3-Dichloropropane
Concen: 20.483 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

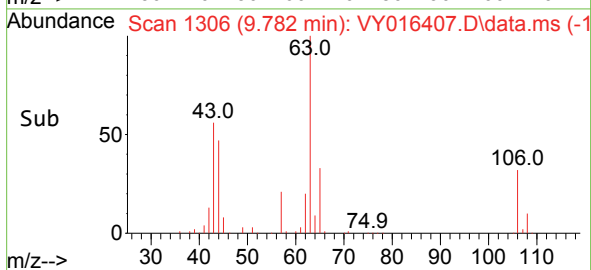
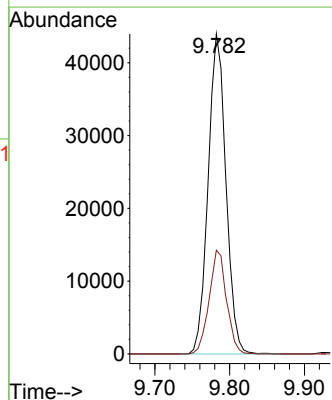
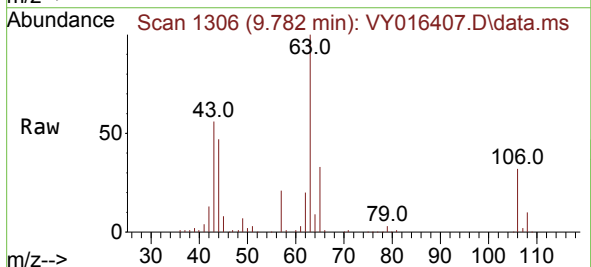
Instrument :
MSVOA_Y
ClientSampleId :

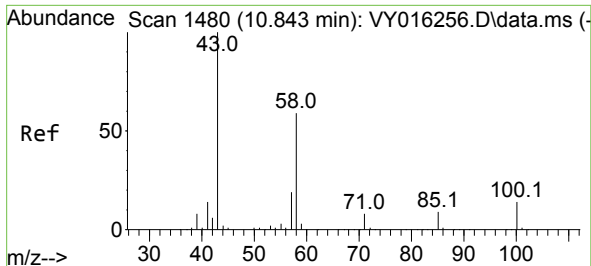
Tgt Ion: 76 Resp: 42270
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 93.805 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 63 Resp: 72692
Ion Ratio Lower Upper
63 100
106 31.6 21.2 31.8

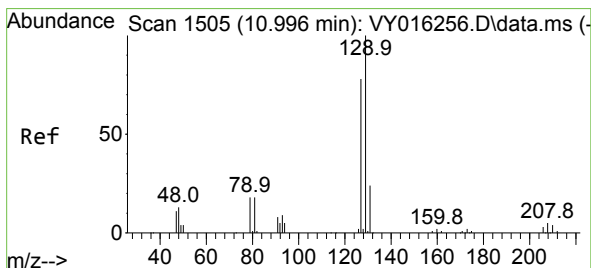
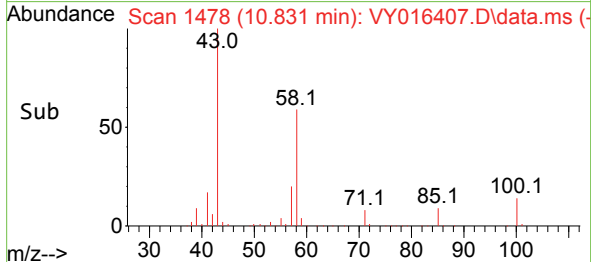
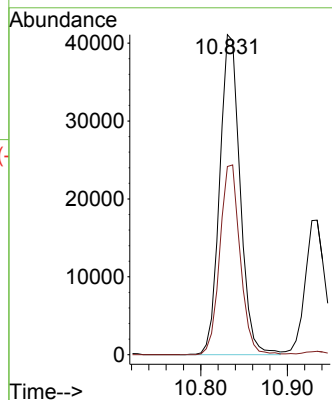
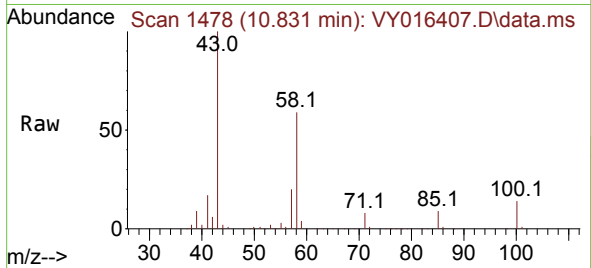




#59
2-Hexanone
Concen: 95.295 ug/l
RT: 10.831 min Scan# 1480
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

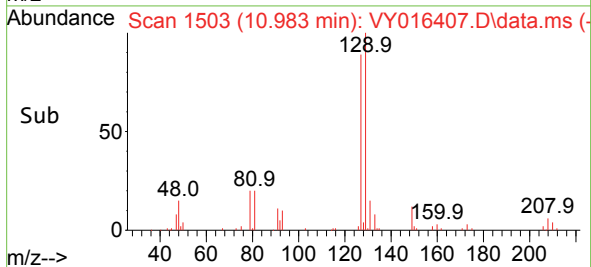
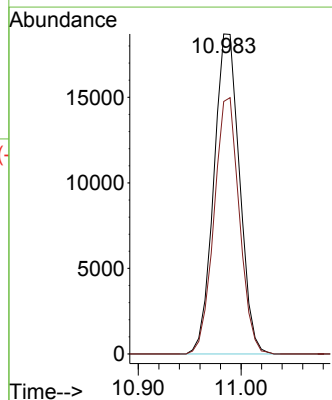
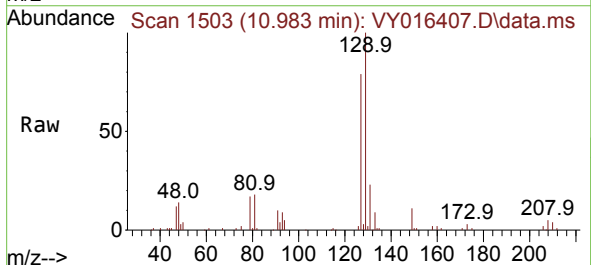
Instrument :
MSVOA_Y
ClientSampleId :

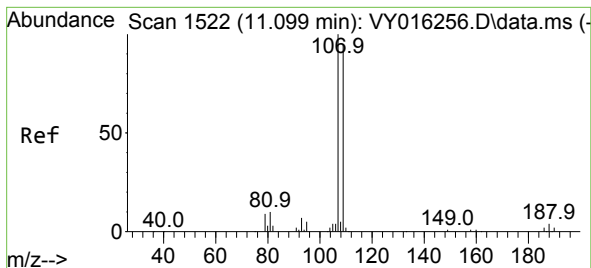
Tgt Ion: 43 Resp: 67252
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3



#60
Dibromochloromethane
Concen: 21.452 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.013 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 129 Resp: 32482
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5

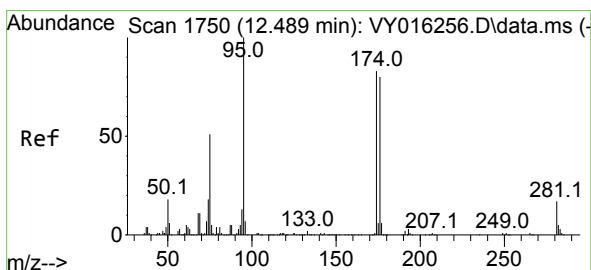
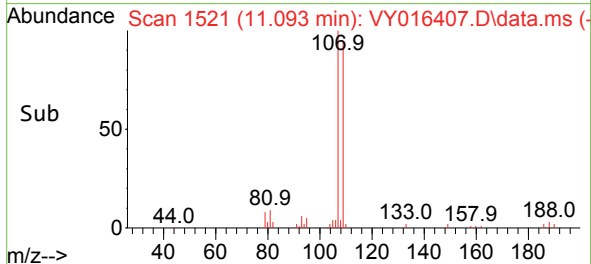
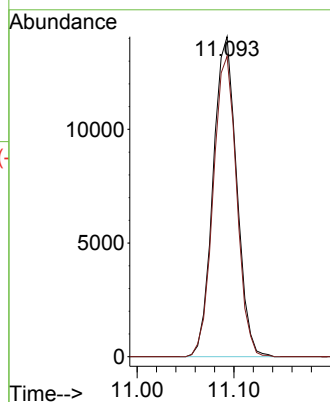
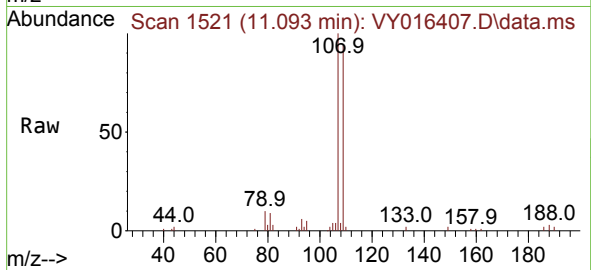




#61
1,2-Dibromoethane
Concen: 20.659 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

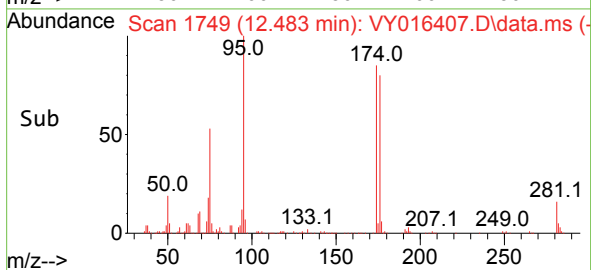
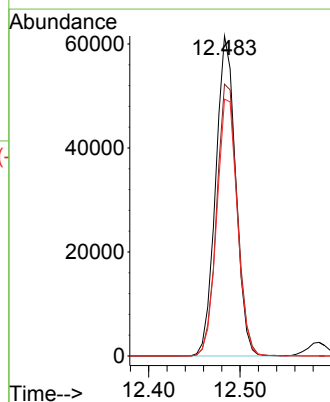
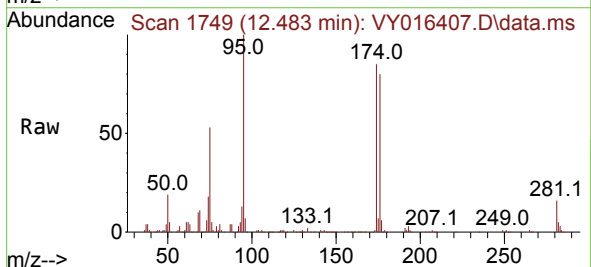
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 23829
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 95 Resp: 93717
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 82.7 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: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

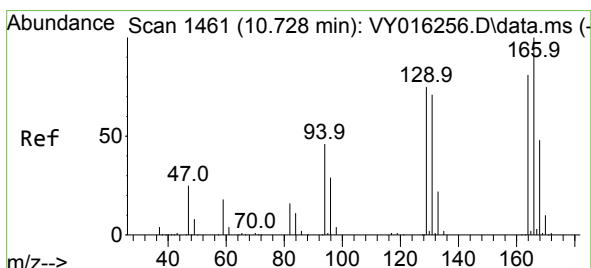
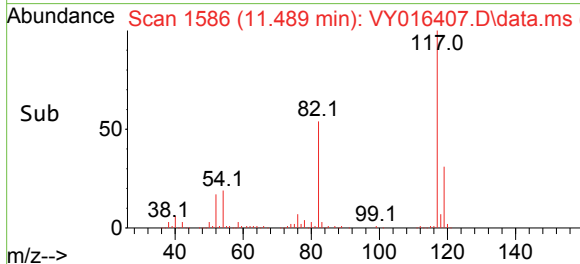
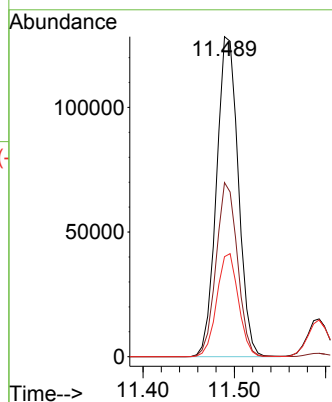
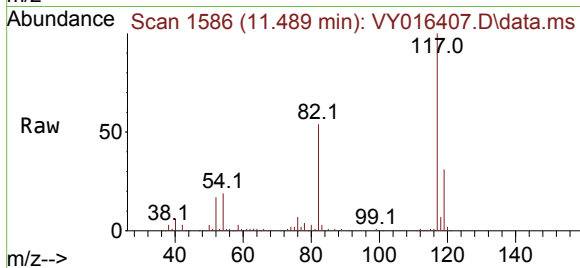
Tgt Ion:117 Resp: 212865

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.2 26.3 39.5



#64

Tetrachloroethene

Concen: 20.659 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion:164 Resp: 39485

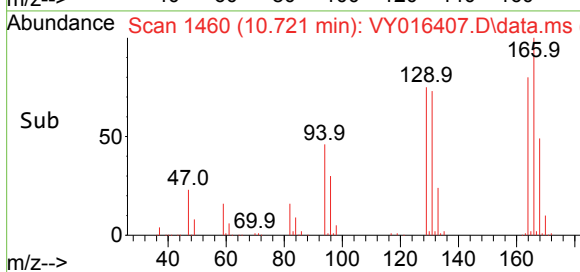
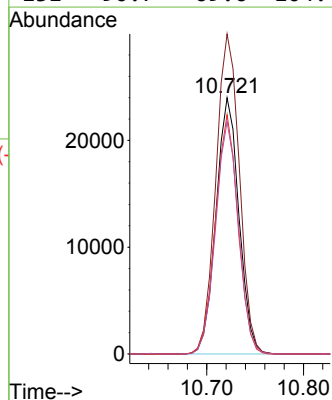
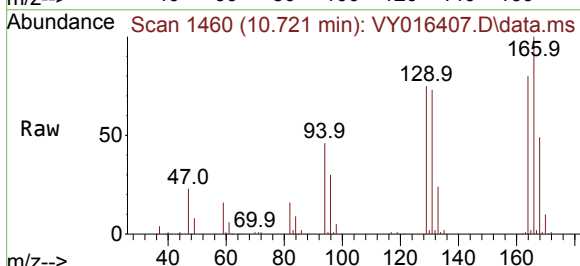
Ion Ratio Lower Upper

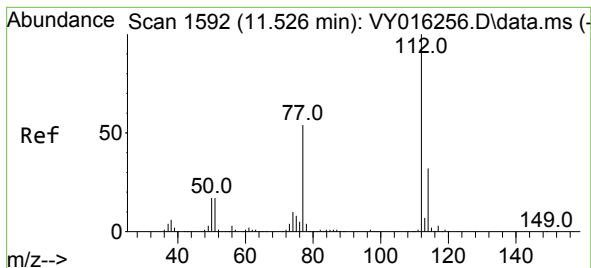
164 100

166 124.9 103.0 154.6

129 93.4 77.2 115.8

131 90.7 69.6 104.4





#65

Chlorobenzene

Concen: 20.695 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

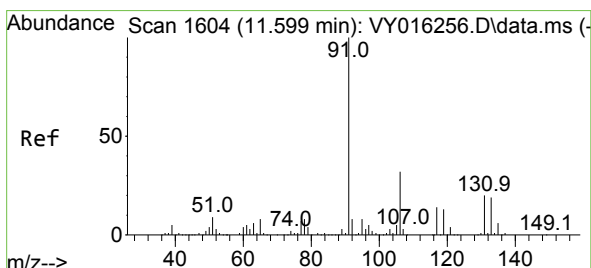
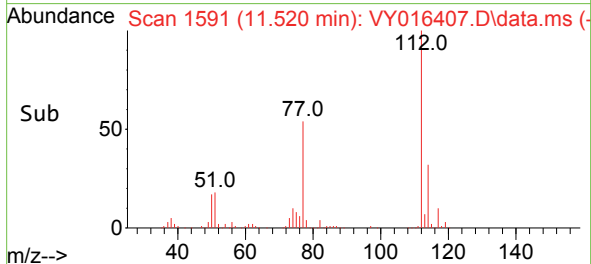
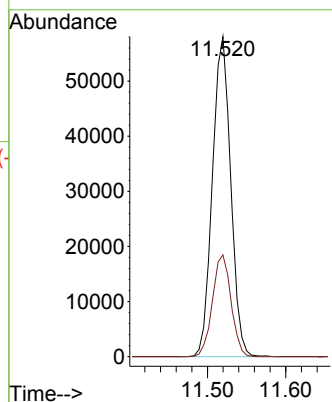
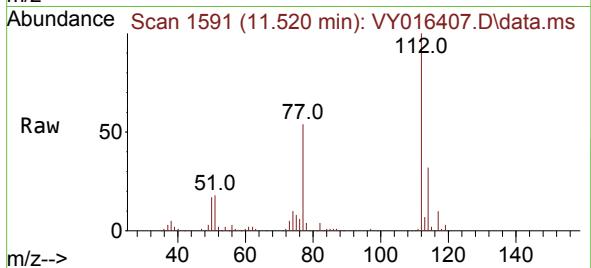
ClientSampleId :

Tgt Ion:112 Resp: 94121

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.596 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

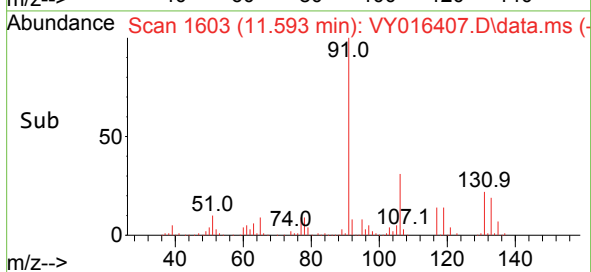
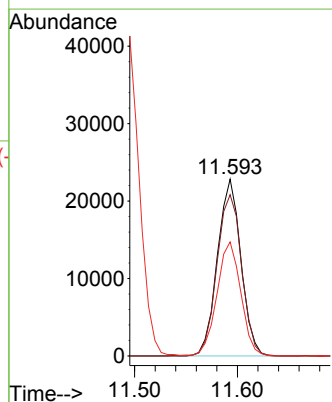
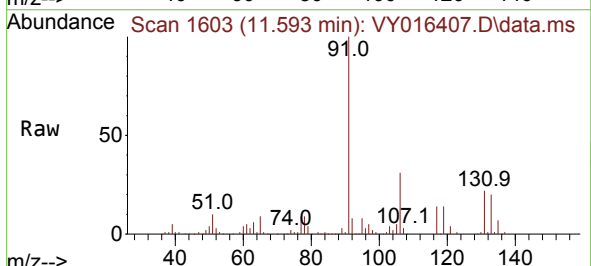
Tgt Ion:131 Resp: 36225

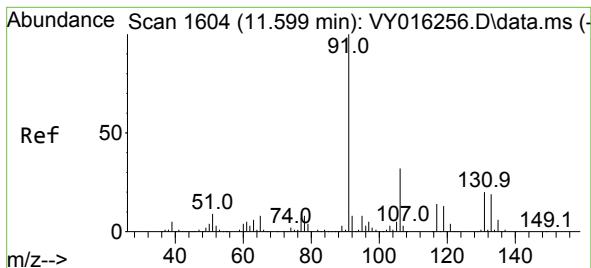
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 20.281 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

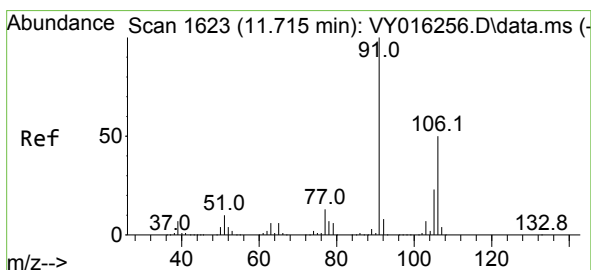
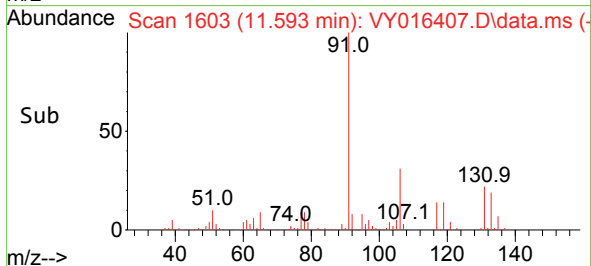
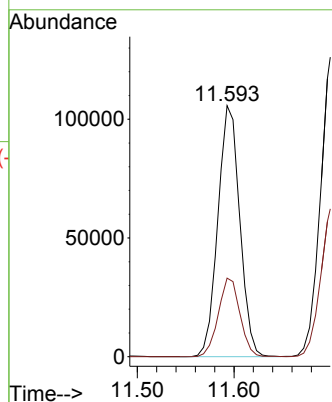
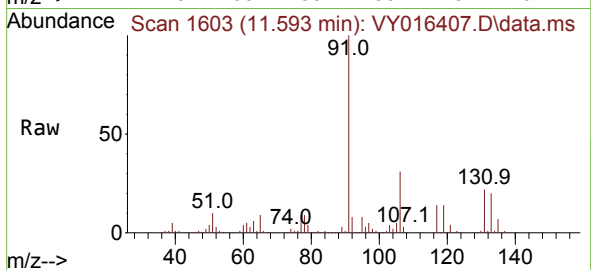
ClientSampleId :

Tgt Ion: 91 Resp: 165761

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 41.180 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.013 min

Lab File: VY016407.D

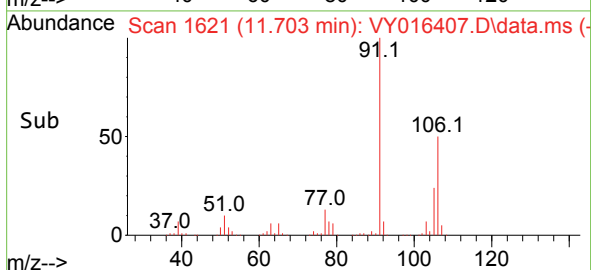
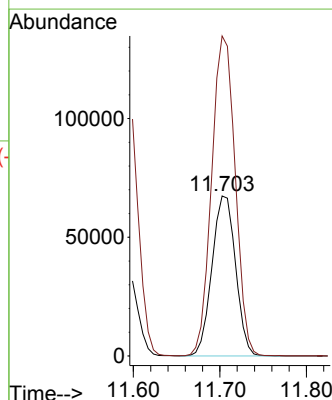
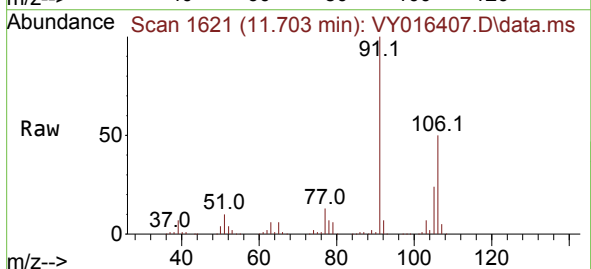
Acq: 17 Nov 2023 13:09

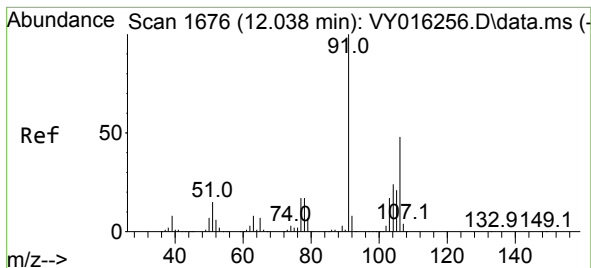
Tgt Ion:106 Resp: 127662

Ion Ratio Lower Upper

106 100

91 199.6 166.1 249.1





#69

o-Xylene

Concen: 20.679 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

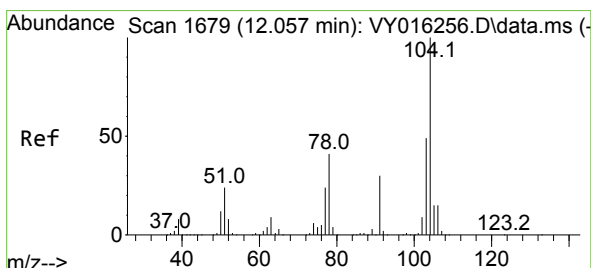
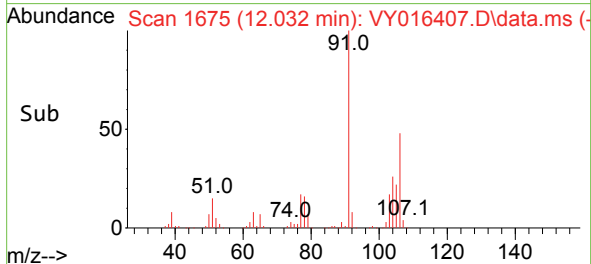
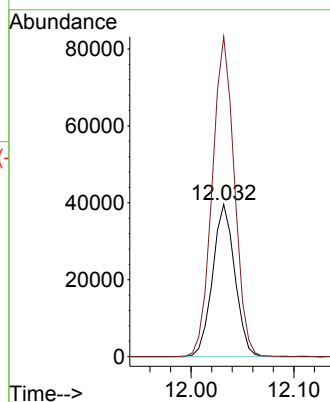
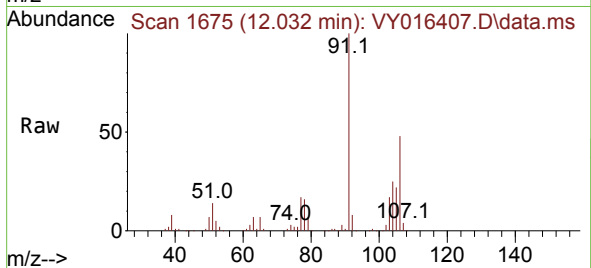
ClientSampleId :

Tgt Ion:106 Resp: 59520

Ion Ratio Lower Upper

106 100

91 209.3 108.1 324.3



#70

Styrene

Concen: 21.151 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

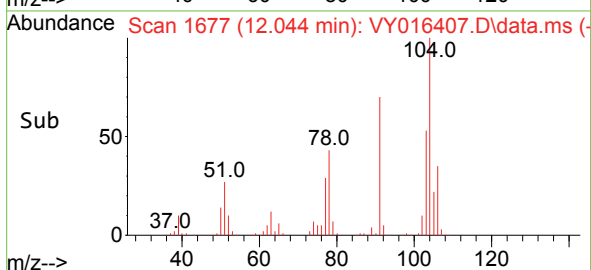
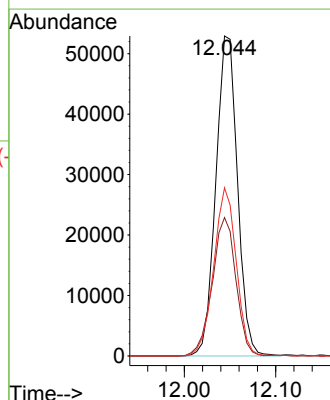
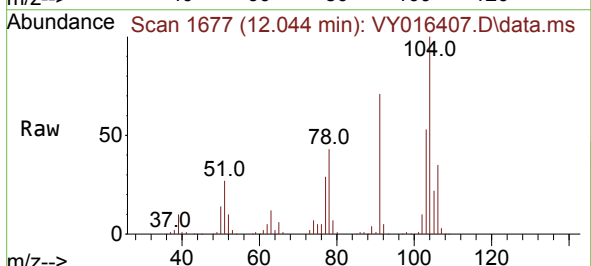
Tgt Ion:104 Resp: 87171

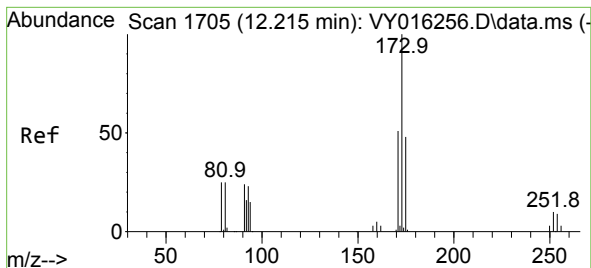
Ion Ratio Lower Upper

104 100

78 47.2 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 21.852 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

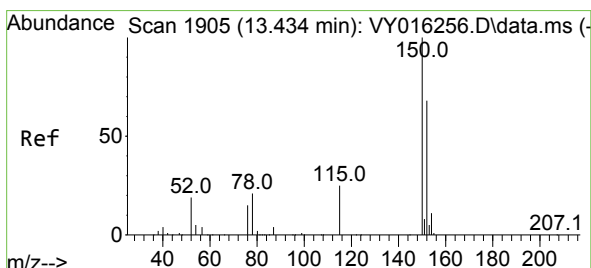
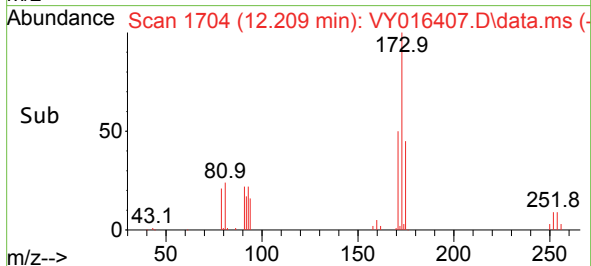
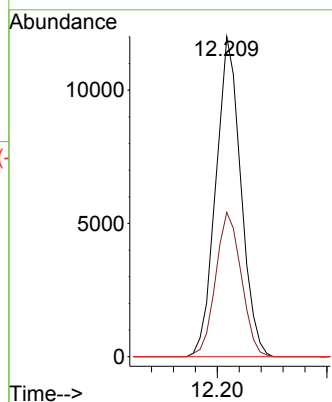
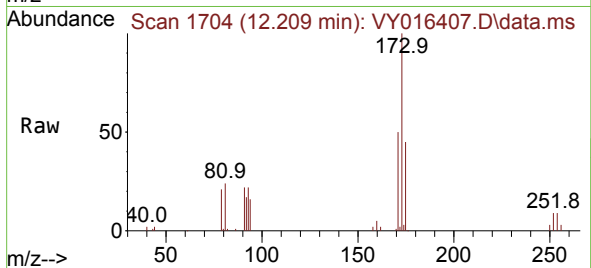
Tgt Ion:173 Resp: 19020

Ion Ratio Lower Upper

173 100

175 46.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

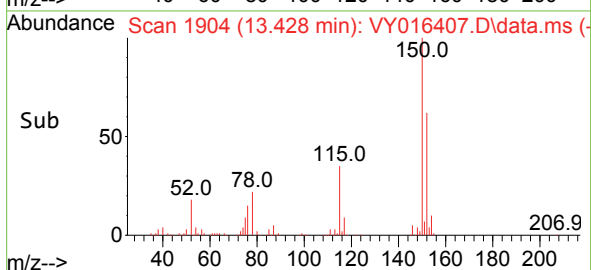
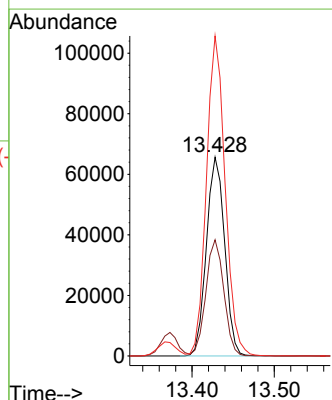
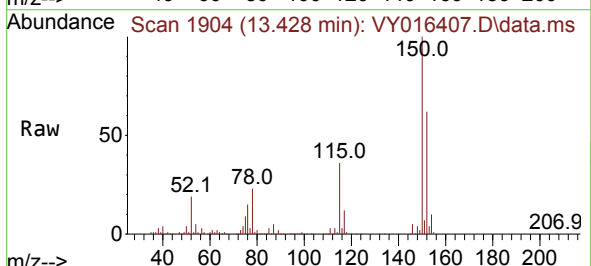
Tgt Ion:152 Resp: 101271

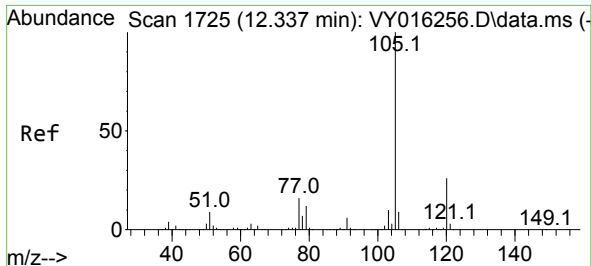
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

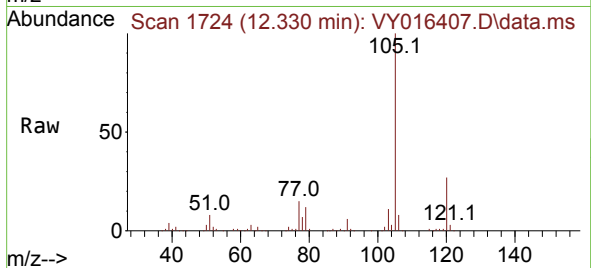
150 164.8 0.0 348.8



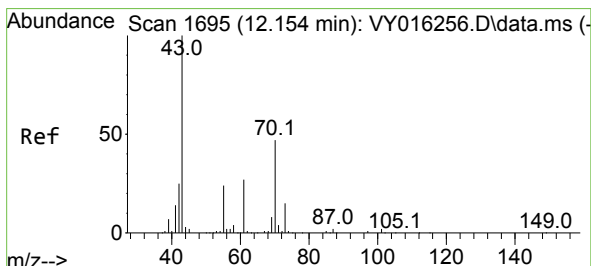
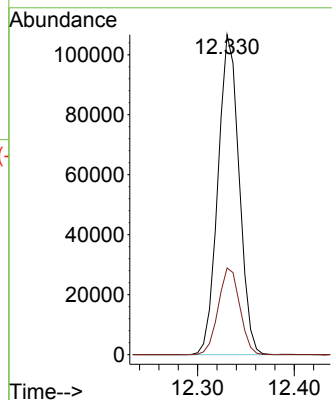
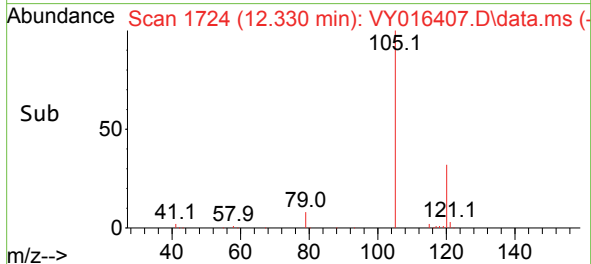


#73
Isopropylbenzene
Concen: 19.755 ug/l
RT: 12.330 min Scan# 1725
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

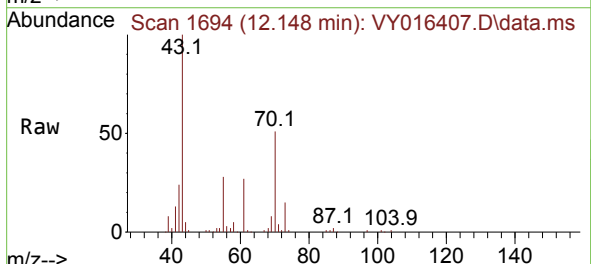
Instrument :
MSVOA_Y
ClientSampleId :



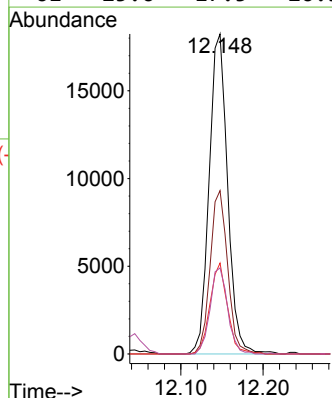
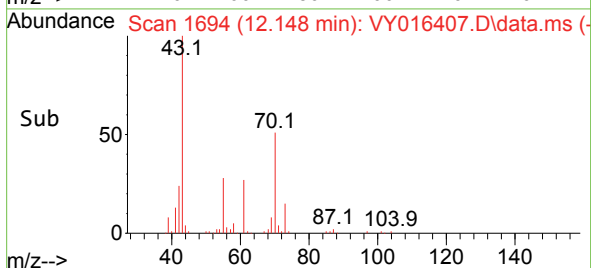
Tgt Ion:105 Resp: 162005
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9

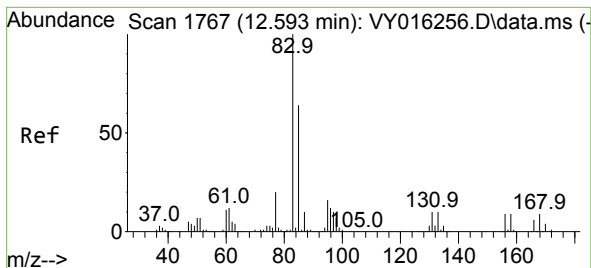


#74
N-ethyl acetate
Concen: 17.269 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09



Tgt Ion: 43 Resp: 28446
Ion Ratio Lower Upper
43 100
70 48.5 29.7 44.5#
55 26.9 18.3 27.5
61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.544 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

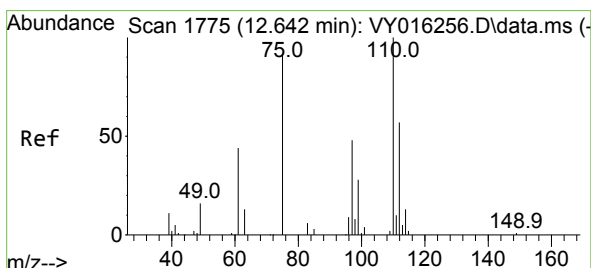
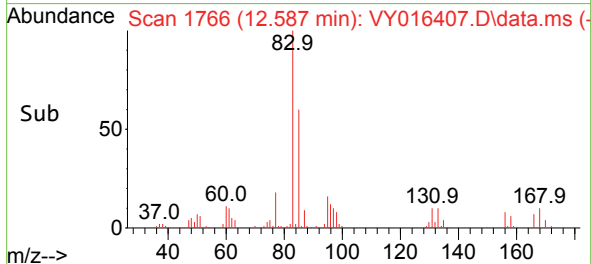
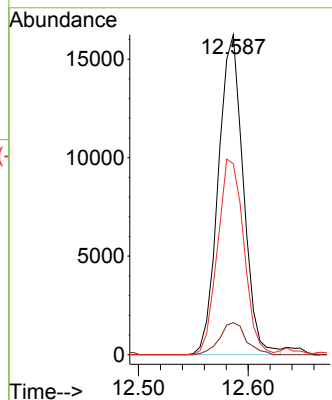
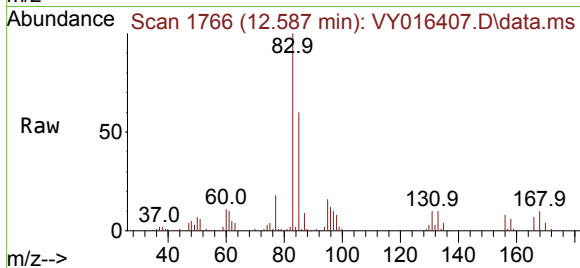
Tgt Ion: 83 Resp: 25718

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.995 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.007 min

Lab File: VY016407.D

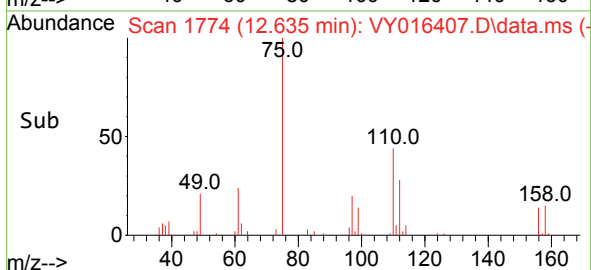
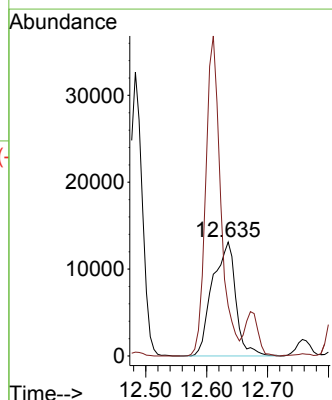
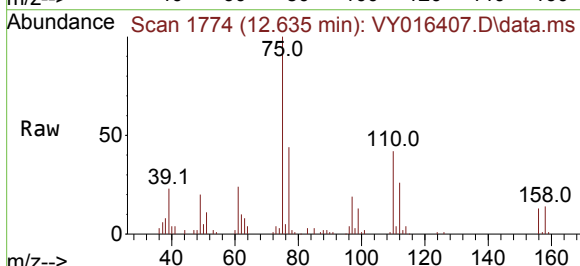
Acq: 17 Nov 2023 13:09

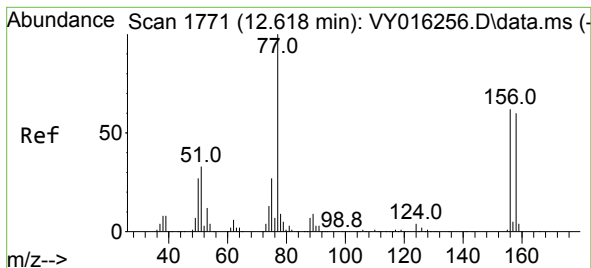
Tgt Ion: 75 Resp: 34968

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.310 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

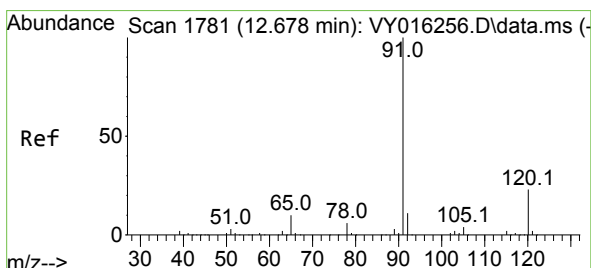
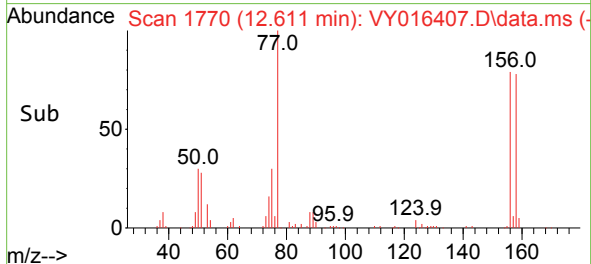
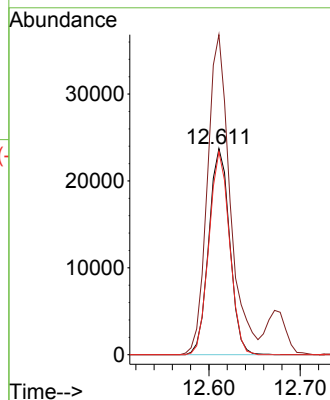
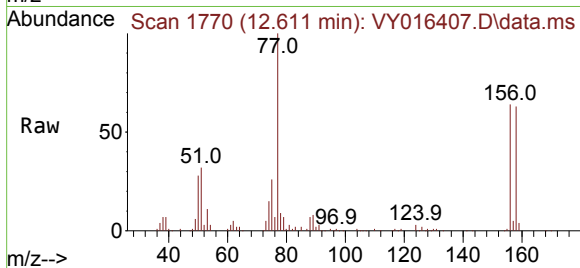
Tgt Ion:156 Resp: 37643

Ion Ratio Lower Upper

156 100

77 168.8 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.051 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.007 min

Lab File: VY016407.D

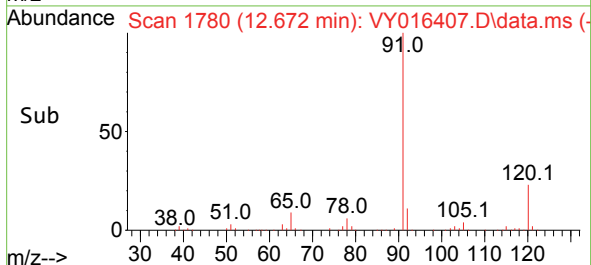
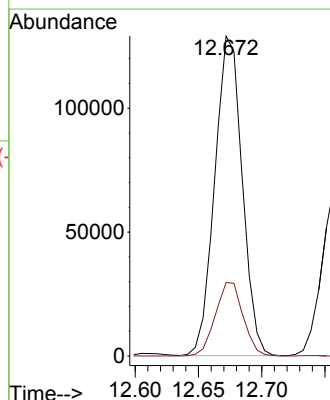
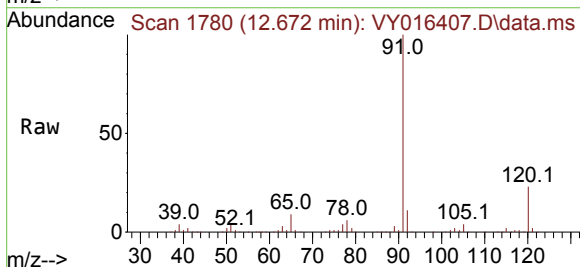
Acq: 17 Nov 2023 13:09

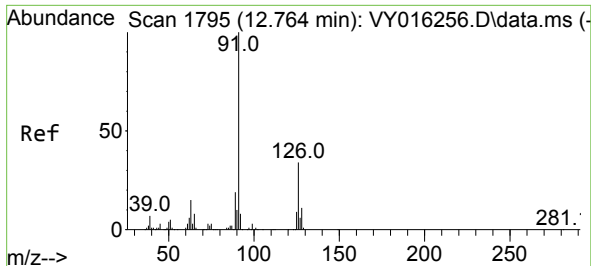
Tgt Ion: 91 Resp: 194327

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

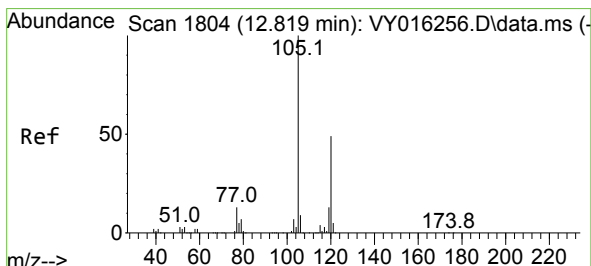
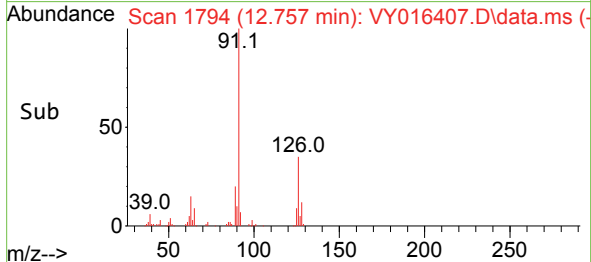
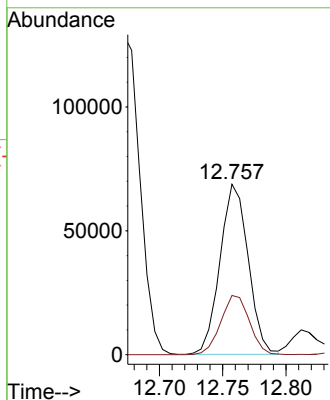
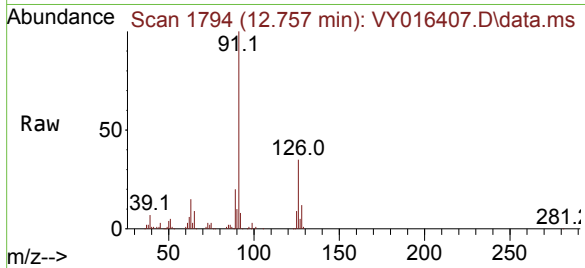




#79
2-Chlorotoluene
Concen: 19.979 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

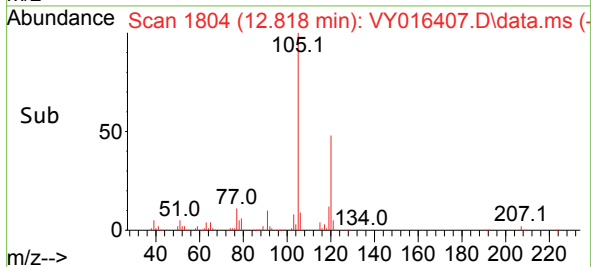
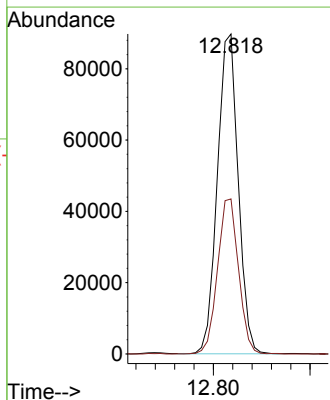
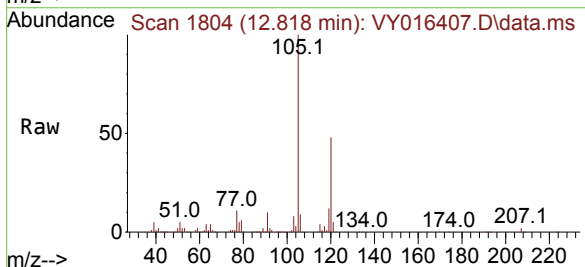
Instrument :
MSVOA_Y
ClientSampleId :

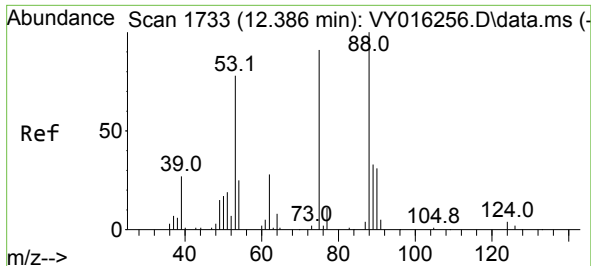
Tgt Ion: 91 Resp: 106710
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.253 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 105 Resp: 133910
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

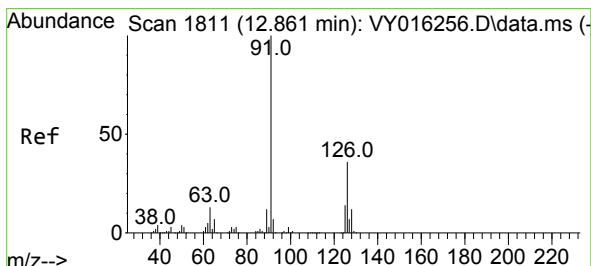
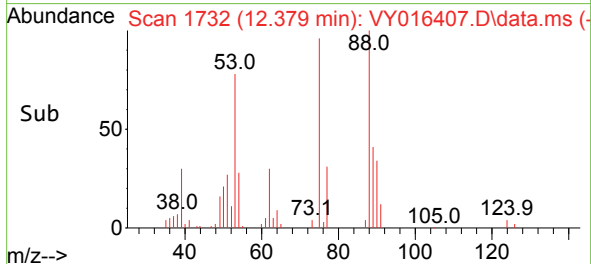
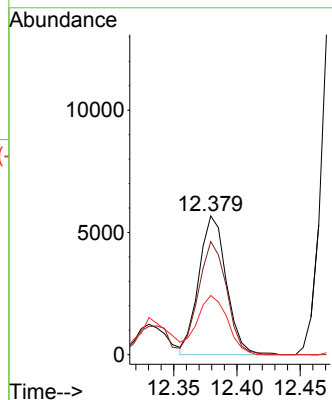
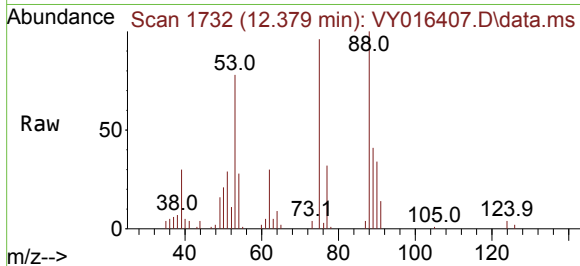




#81
trans-1,4-Dichloro-2-butene
Concen: 19.284 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

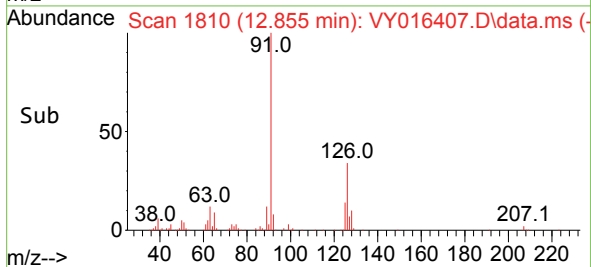
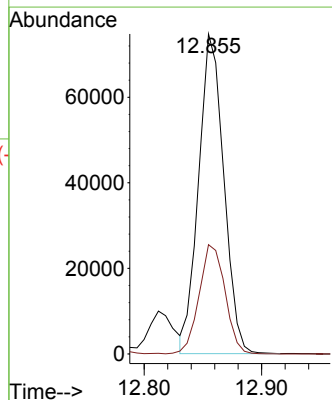
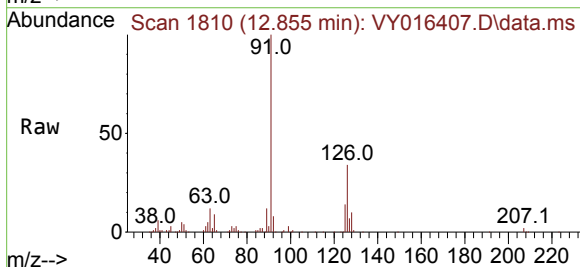
Instrument :
MSVOA_Y
ClientSampleId :

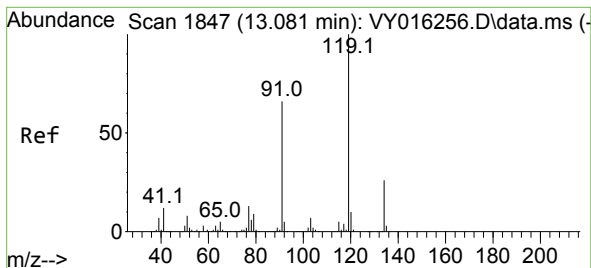
Tgt Ion: 75 Resp: 8631
Ion Ratio Lower Upper
75 100
53 82.9 77.8 116.8
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.136 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.007 min
Lab File: VY016407.D
Acq: 17 Nov 2023 13:09

Tgt Ion: 91 Resp: 111130
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.581 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

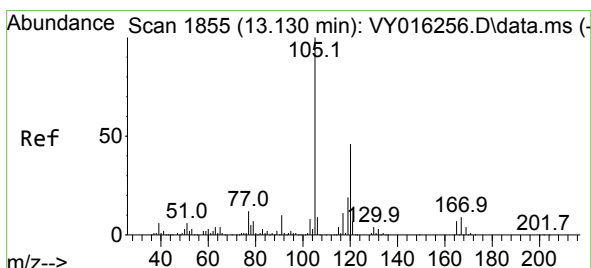
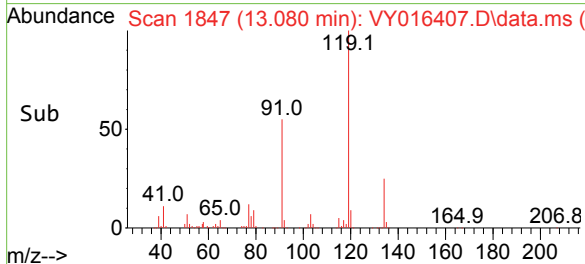
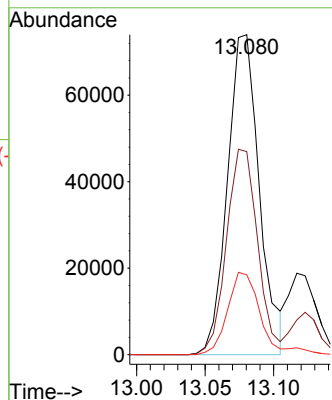
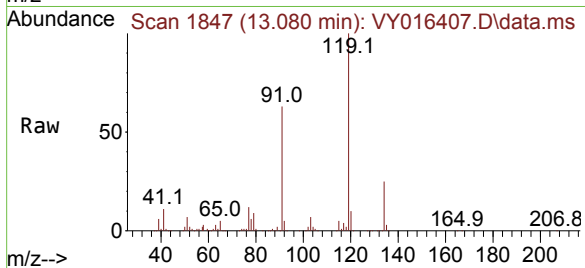
Tgt Ion:119 Resp: 119861

Ion Ratio Lower Upper

119 100

91 62.8 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.398 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.007 min

Lab File: VY016407.D

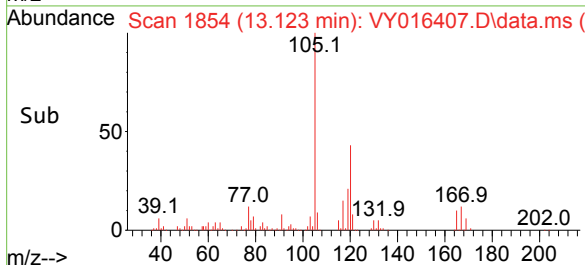
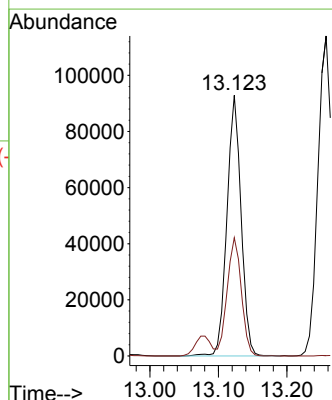
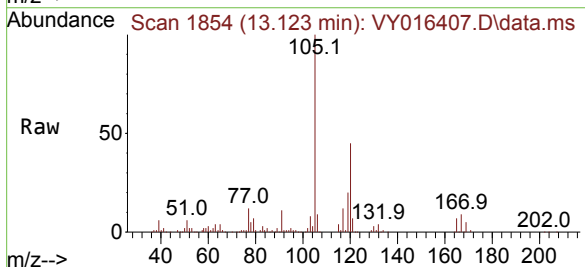
Acq: 17 Nov 2023 13:09

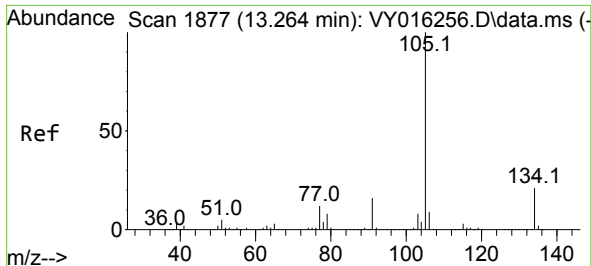
Tgt Ion:105 Resp: 132795

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6

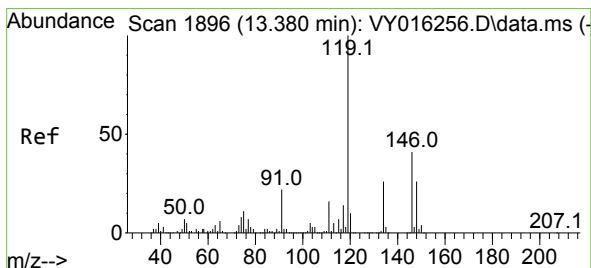
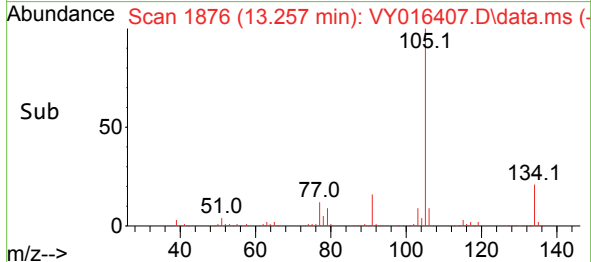
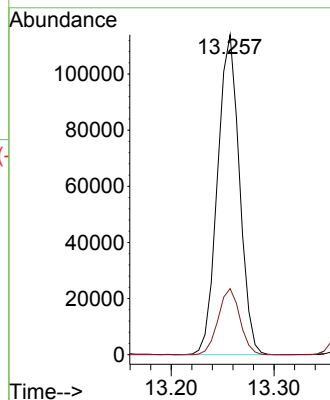
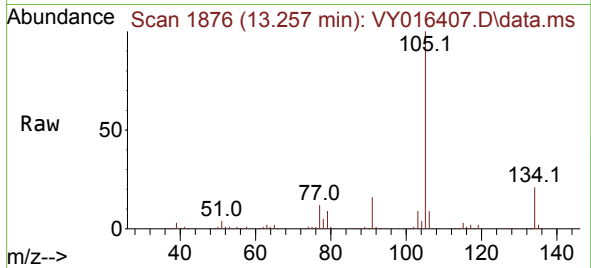




#85
 sec-Butylbenzene
 Concen: 20.259 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.007 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

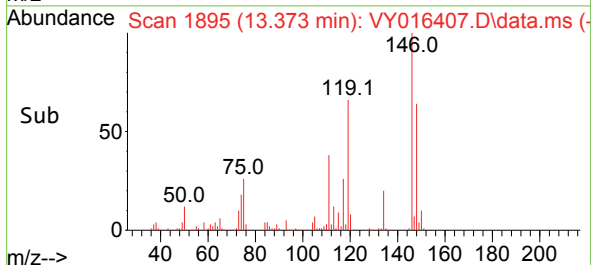
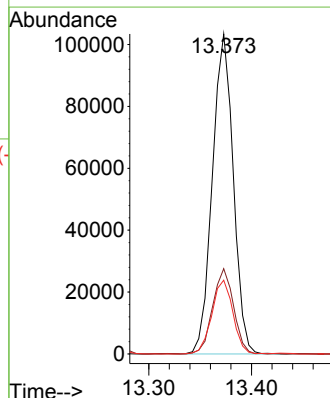
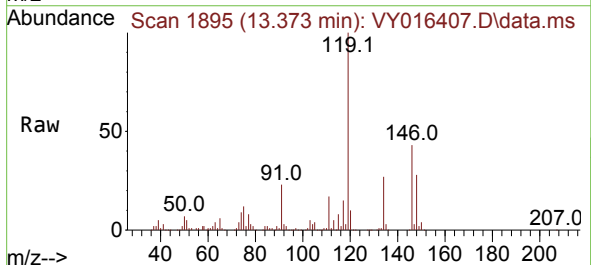
Instrument :
 MSVOA_Y
 ClientSampleId :

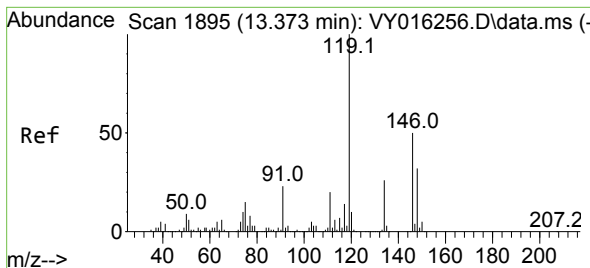
Tgt Ion:105 Resp: 168555
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.379 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.007 min
 Lab File: VY016407.D
 Acq: 17 Nov 2023 13:09

Tgt Ion:119 Resp: 145997
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.537 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

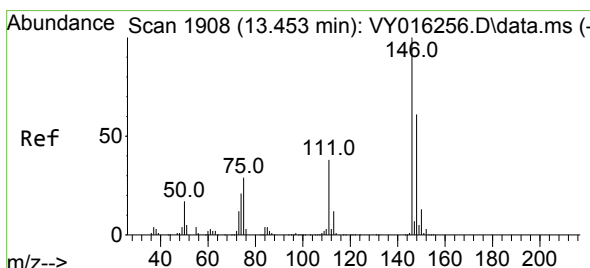
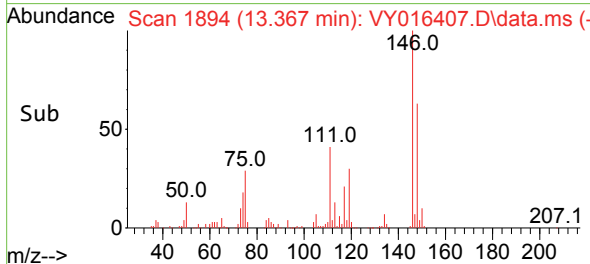
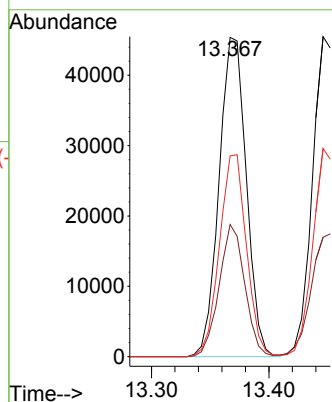
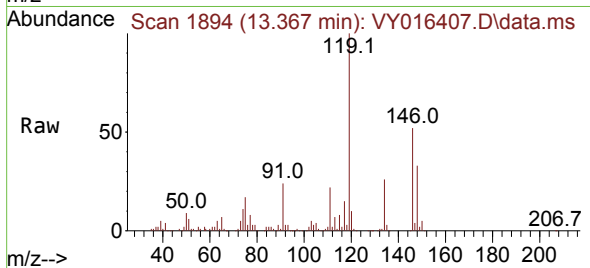
Tgt Ion:146 Resp: 73230

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 62.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.638 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

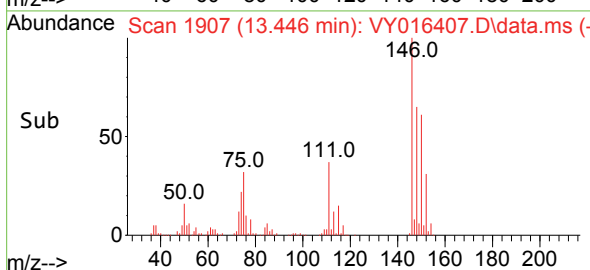
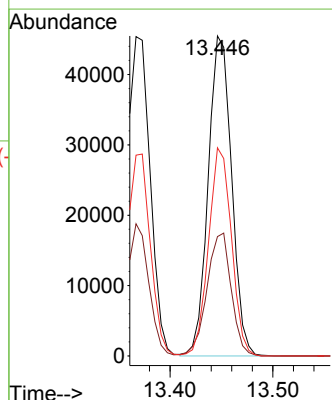
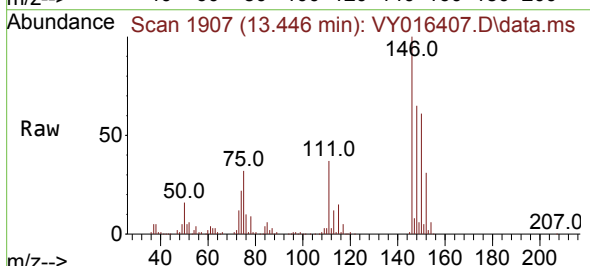
Tgt Ion:146 Resp: 71921

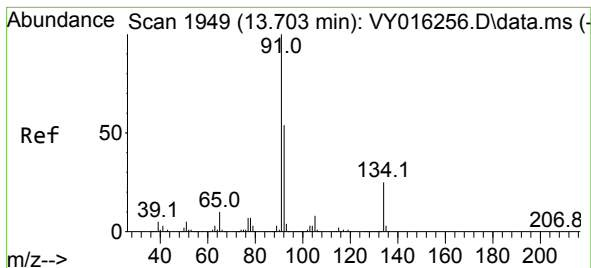
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.025 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

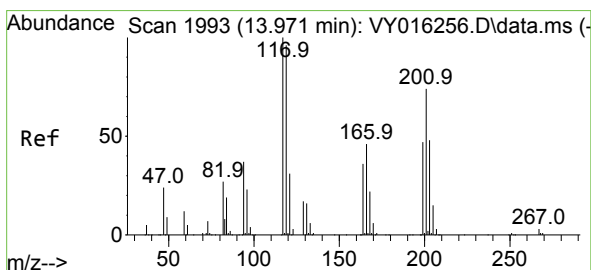
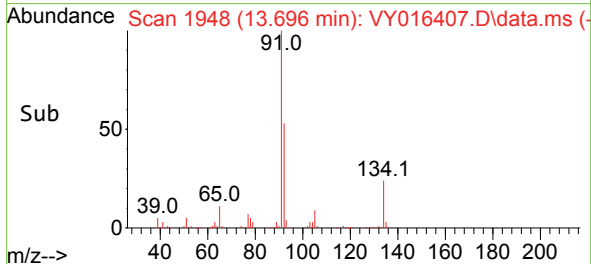
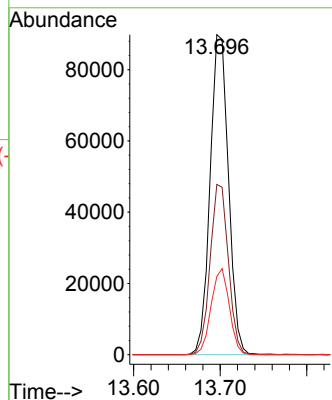
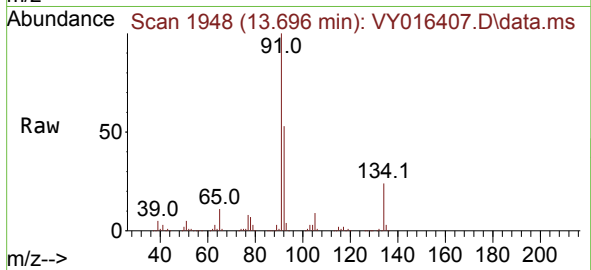
Tgt Ion: 91 Resp: 132490

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 20.473 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.007 min

Lab File: VY016407.D

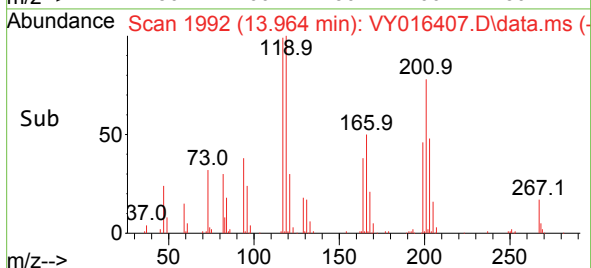
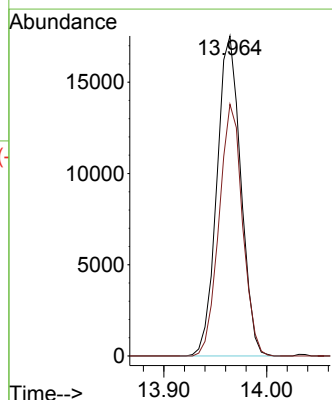
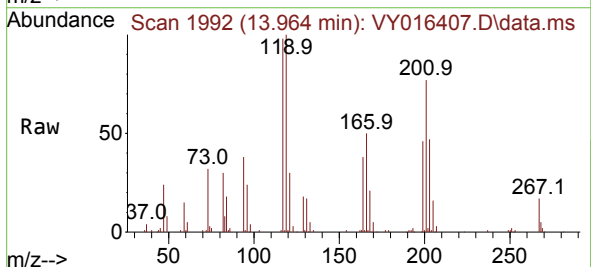
Acq: 17 Nov 2023 13:09

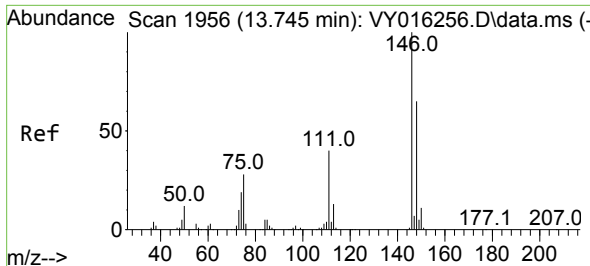
Tgt Ion: 117 Resp: 28293

Ion Ratio Lower Upper

117 100

201 77.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.631 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

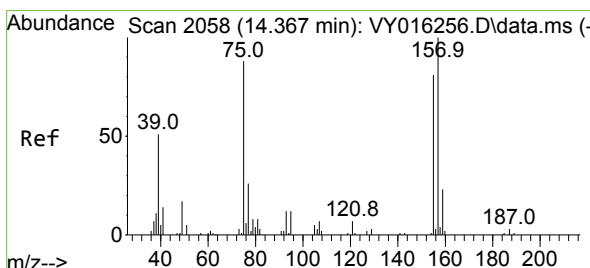
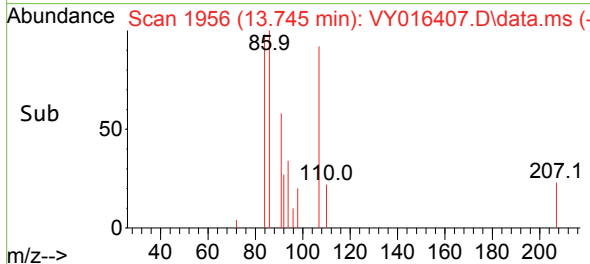
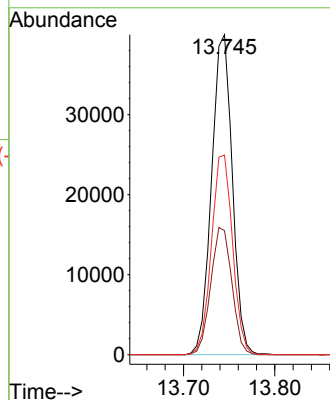
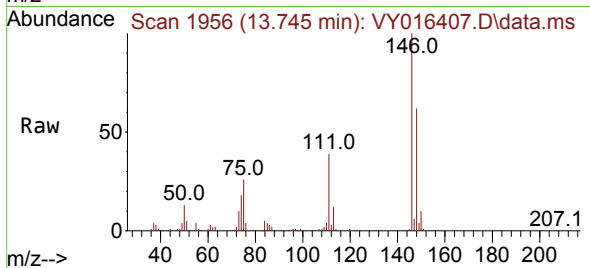
Tgt Ion:146 Resp: 63039

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.045 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.013 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

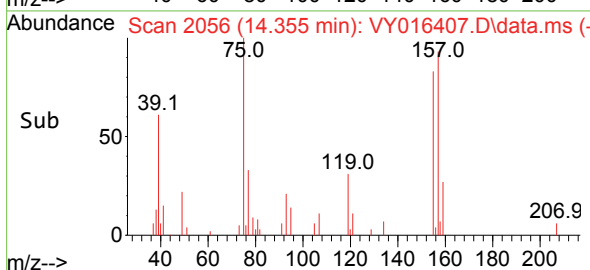
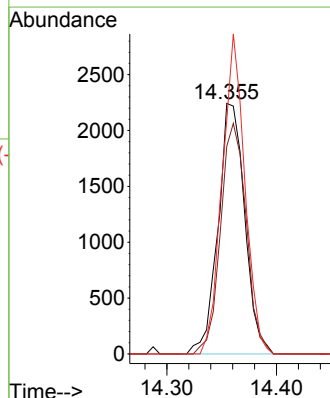
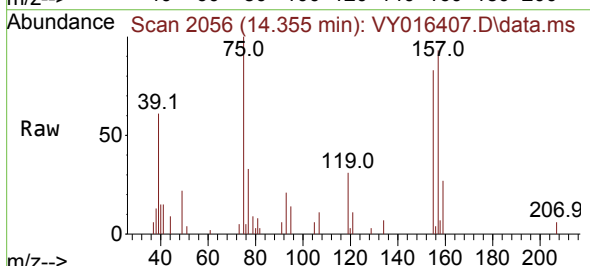
Tgt Ion: 75 Resp: 3778

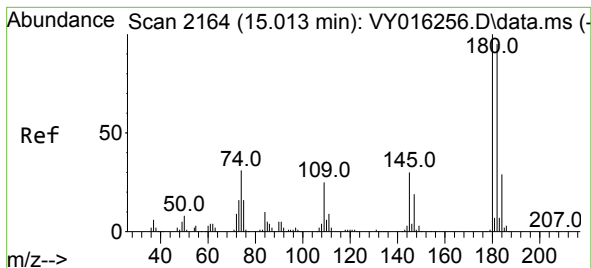
Ion Ratio Lower Upper

75 100

155 88.8 41.5 124.6

157 108.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.457 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

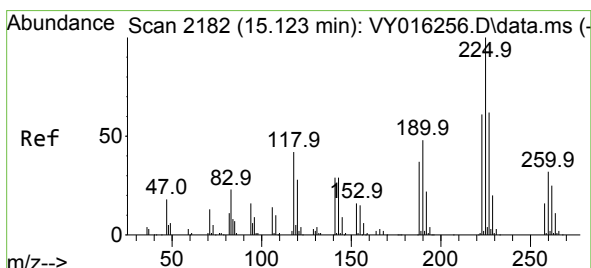
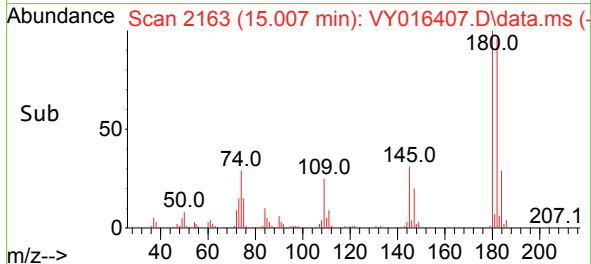
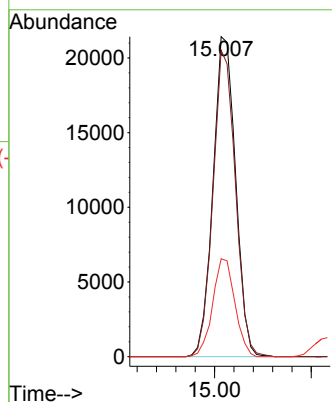
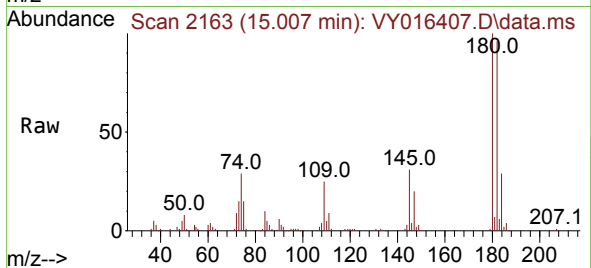
Tgt Ion:180 Resp: 34702

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.776 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

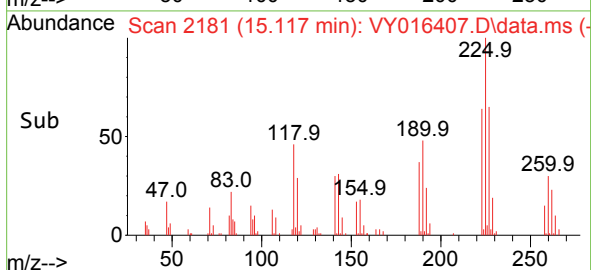
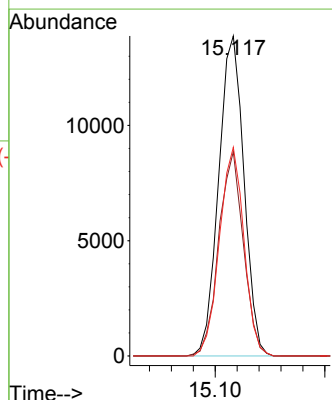
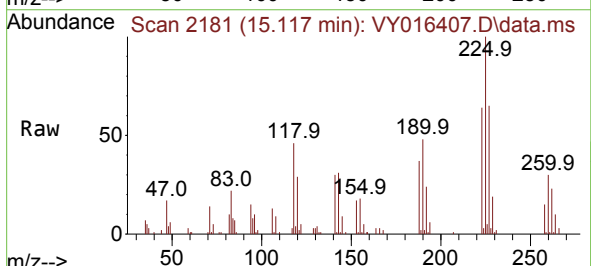
Tgt Ion:225 Resp: 22251

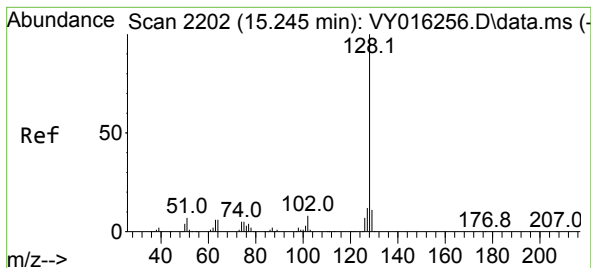
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 17.836 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.007 min

Lab File: VY016407.D

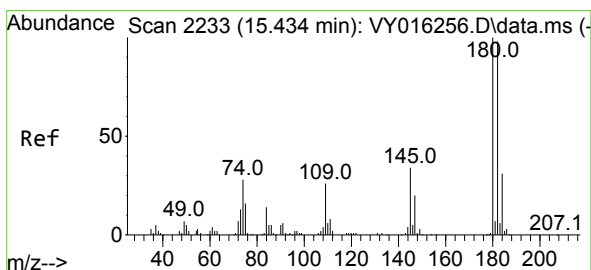
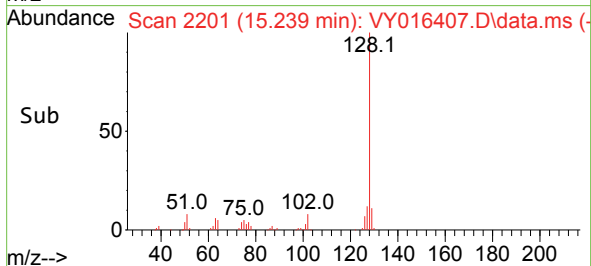
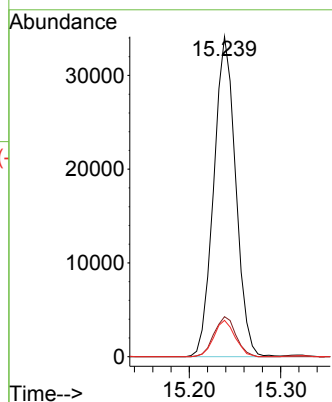
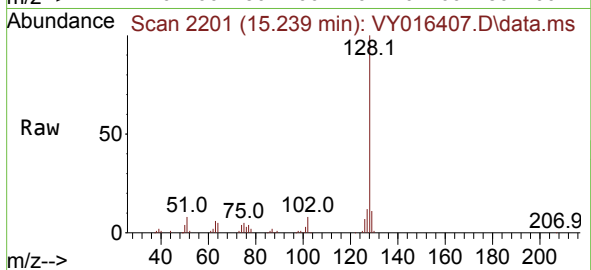
Acq: 17 Nov 2023 13:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 56895
Ion Ratio	Lower Upper
128	100
127	12.5 10.8 16.2
129	11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.846 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.007 min

Lab File: VY016407.D

Acq: 17 Nov 2023 13:09

Tgt Ion:180	Resp: 27802
Ion Ratio	Lower Upper
180	100
182	93.1 47.3 141.8
145	32.4 15.4 46.2

