

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015608.D
 Acq On : 16 Sep 2023 07:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 07:45:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199777	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	348169	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	318210	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	162843	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	109929	51.331	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.660%	
35) Dibromofluoromethane	7.728	113	101188	50.458	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.191	98	329767	45.409	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.820%	
62) 4-Bromofluorobenzene	12.489	95	134190	49.774	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	62927	36.236	ug/l	98
3) Chloromethane	2.119	50	104761	45.424	ug/l	99
4) Vinyl Chloride	2.253	62	120139	44.754	ug/l	98
5) Bromomethane	2.656	94	81547	42.693	ug/l	99
6) Chloroethane	2.796	64	84736	48.024	ug/l	98
7) Trichlorofluoromethane	3.125	101	172074	45.317	ug/l	97
8) Diethyl Ether	3.540	74	74940	57.749	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	98808	46.949	ug/l	96
10) Methyl Iodide	4.100	142	139222	56.331	ug/l	97
11) Tert butyl alcohol	5.009	59	126691	271.587	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	100041	50.375	ug/l	92
13) Acrolein	3.747	56	127718	216.312	ug/l	98
14) Allyl chloride	4.491	41	174556	55.206	ug/l	96
15) Acrylonitrile	5.186	53	265535	325.184	ug/l	98
16) Acetone	3.972	43	225811	252.617	ug/l	94
17) Carbon Disulfide	4.204	76	288787	48.641	ug/l	98
18) Methyl Acetate	4.497	43	232522	71.817	ug/l	93
19) Methyl tert-butyl Ether	5.240	73	387815	60.084	ug/l	100
20) Methylene Chloride	4.728	84	161851	57.883	ug/l	90
21) trans-1,2-Dichloroethene	5.234	96	122508	53.571	ug/l	96
22) Diisopropyl ether	6.137	45	398228	57.586	ug/l	93
23) Vinyl Acetate	6.076	43	1203189	275.569	ug/l	96
24) 1,1-Dichloroethane	6.033	63	220995	55.282	ug/l	97
25) 2-Butanone	7.002	43	386728	305.033	ug/l	97
26) 2,2-Dichloropropane	6.996	77	154075	45.379	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	144441	55.677	ug/l	93
28) Bromochloromethane	7.350	49	63323	51.655	ug/l	96
29) Tetrahydrofuran	7.362	42	265400	333.349	ug/l	92
30) Chloroform	7.521	83	237454	56.505	ug/l	98
31) Cyclohexane	7.795	56	178401	46.896	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	201137	53.586	ug/l	99
36) 1,1-Dichloropropene	7.929	75	170076	48.300	ug/l	99
37) Ethyl Acetate	7.094	43	163013	60.025	ug/l	96
38) Carbon Tetrachloride	7.911	117	177141	48.708	ug/l	99
39) Methylcyclohexane	9.191	83	203752	45.962	ug/l	94
40) Benzene	8.173	78	512550	52.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	81839	64.262	ug/l	91
42) 1,2-Dichloroethane	8.246	62	173071	52.831	ug/l	95
43) Isopropyl Acetate	8.283	43	277994	59.197	ug/l	97
44) Trichloroethene	8.953	130	145756	52.438	ug/l	95
45) 1,2-Dichloropropane	9.228	63	132363	53.446	ug/l	94
46) Dibromomethane	9.313	93	90830	55.213	ug/l	95
47) Bromodichloromethane	9.508	83	192013	54.579	ug/l	100
48) Methyl methacrylate	9.307	41	128335	59.562	ug/l	92
49) 1,4-Dioxane	9.325	88	38865	1271.900	ug/l #	49
51) 4-Methyl-2-Pentanone	10.081	43	863801	316.470	ug/l	93
52) Toluene	10.252	92	330941	52.558	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	201380	53.862	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	212714	52.301	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	124648	56.234	ug/l	96
56) Ethyl methacrylate	10.520	69	198911	60.556	ug/l	89
57) 1,3-Dichloropropane	10.800	76	211266	55.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	279715	238.573	ug/l	95
59) 2-Hexanone	10.843	43	651993	318.345	ug/l	91
60) Dibromochloromethane	10.996	129	147175	56.727	ug/l	100
61) 1,2-Dibromoethane	11.099	107	128677	57.291	ug/l	100
64) Tetrachloroethene	10.727	164	166884	57.780	ug/l	97
65) Chlorobenzene	11.526	112	363652	53.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	137740	54.881	ug/l	98
67) Ethyl Benzene	11.599	91	638632	51.868	ug/l	99
68) m/p-Xylenes	11.709	106	499216	104.600	ug/l	96
69) o-Xylene	12.038	106	243977	53.490	ug/l	97
70) Styrene	12.050	104	417739	54.470	ug/l	97
71) Bromoform	12.215	173	104675	59.789	ug/l #	99
73) Isopropylbenzene	12.337	105	623784	50.997	ug/l	99
74) N-amyl acetate	12.148	43	240685	58.570	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	166075	56.876	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	222596	103.079	ug/l #	100
77) Bromobenzene	12.617	156	154079	53.186	ug/l	95
78) n-propylbenzene	12.678	91	743008	50.201	ug/l	100
79) 2-Chlorotoluene	12.764	91	439372	52.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	559826	54.719	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	53474	54.624	ug/l	95
82) 4-Chlorotoluene	12.861	91	445891	51.681	ug/l	99
83) tert-Butylbenzene	13.081	119	460588	51.399	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	608350	59.888	ug/l	99
85) sec-Butylbenzene	13.257	105	669312	50.077	ug/l	99
86) p-Isopropyltoluene	13.379	119	562482	50.212	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	294379	51.471	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	297773	51.506	ug/l	99
89) n-Butylbenzene	13.702	91	525068	49.800	ug/l	95
90) Hexachloroethane	13.971	117	111411	55.609	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	279839	53.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	36715	63.563	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	172066	52.494	ug/l	99
94) Hexachlorobutadiene	15.117	225	85603	47.894	ug/l	98
95) Naphthalene	15.245	128	522011	64.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	164189	54.916	ug/l	99

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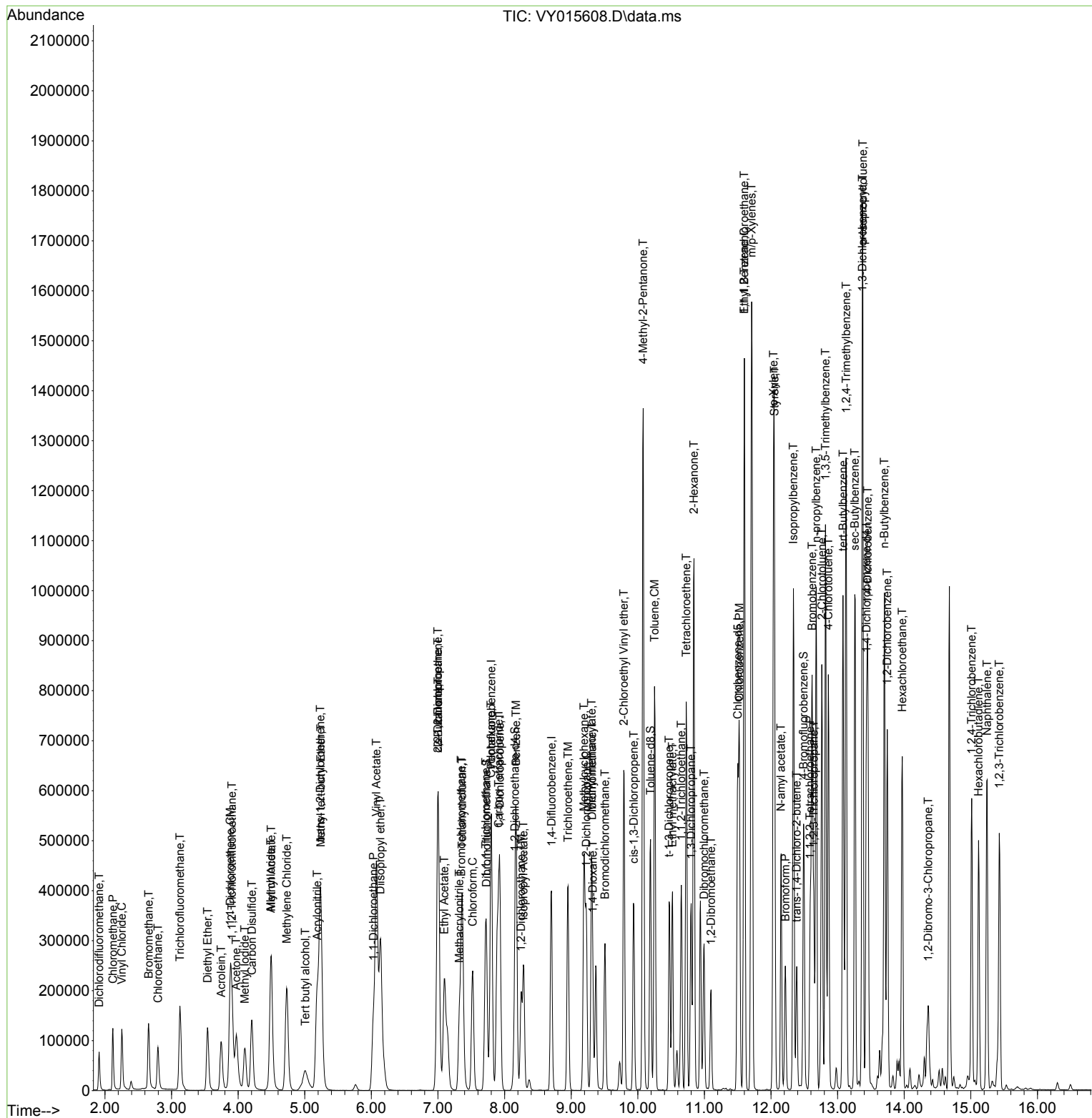
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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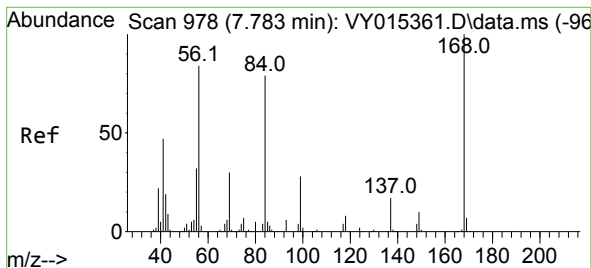
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

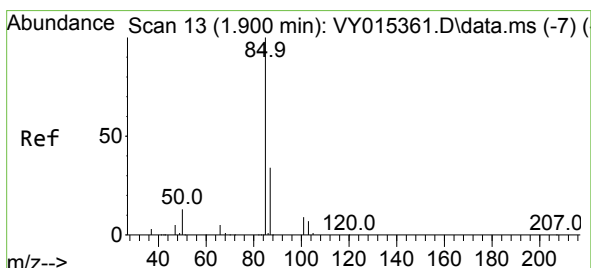
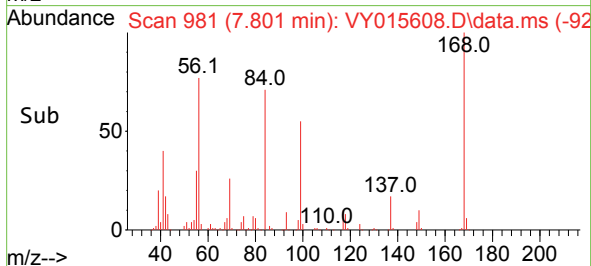
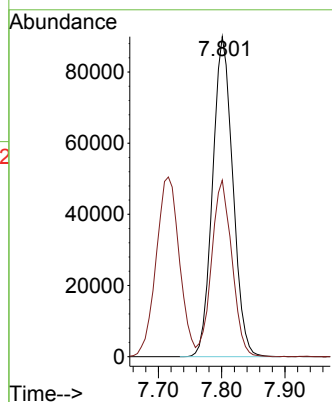
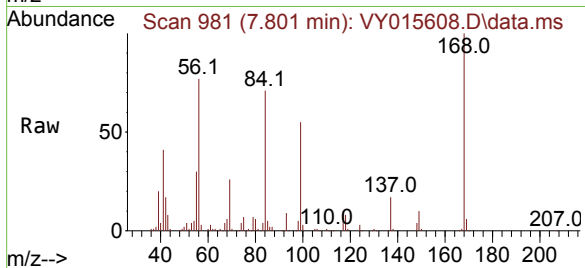
ClientSampleId :

Tgt Ion:168 Resp: 199777

Ion Ratio Lower Upper

168 100

99 55.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 36.236 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015608.D

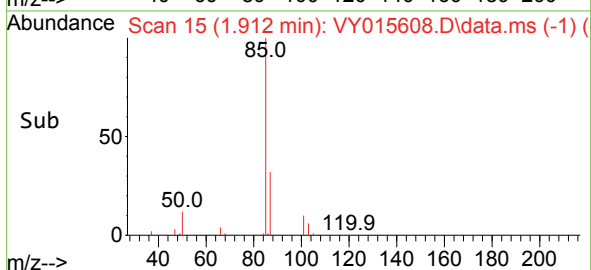
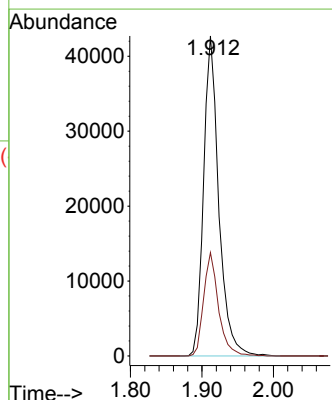
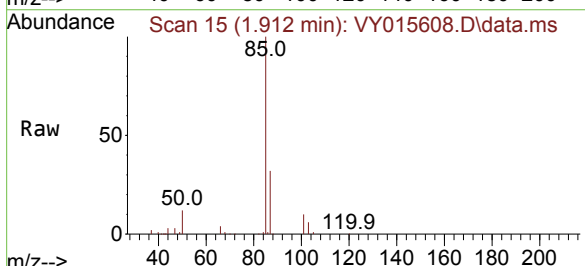
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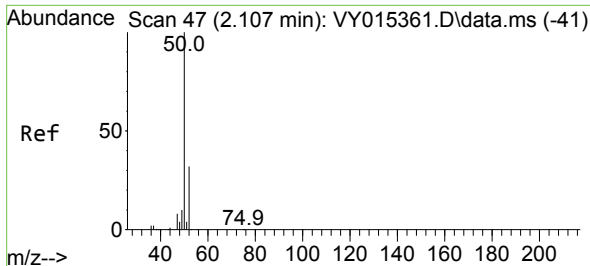
Tgt Ion: 85 Resp: 62927

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8

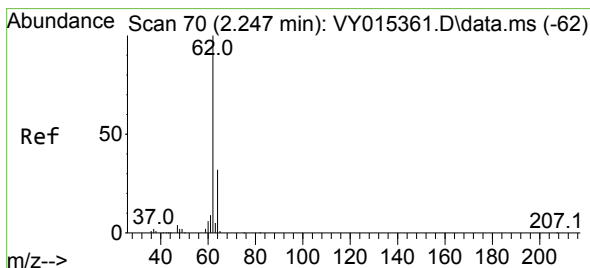
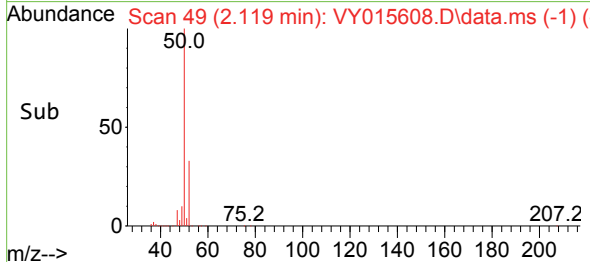
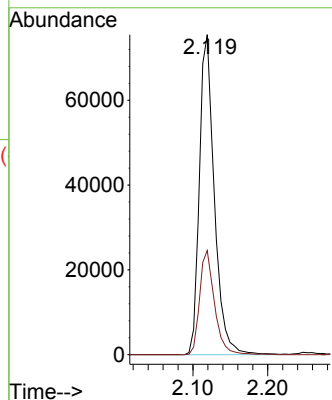
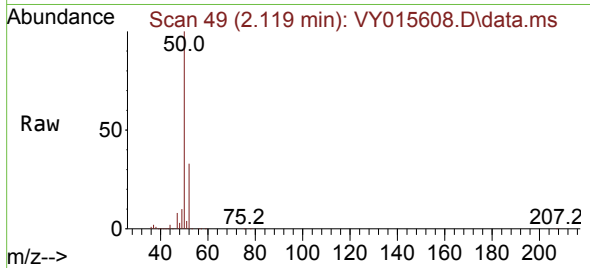




#3
Chloromethane
Concen: 45.424 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

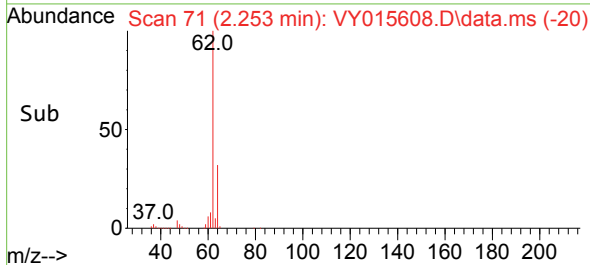
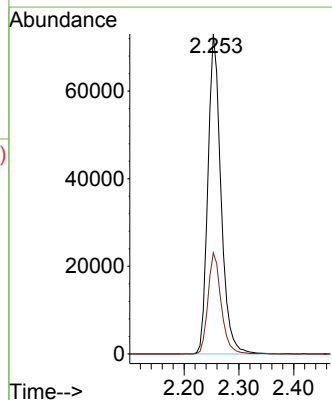
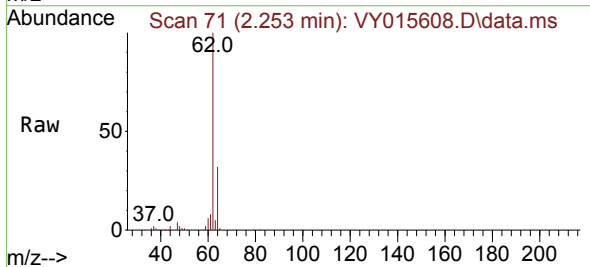
Instrument :
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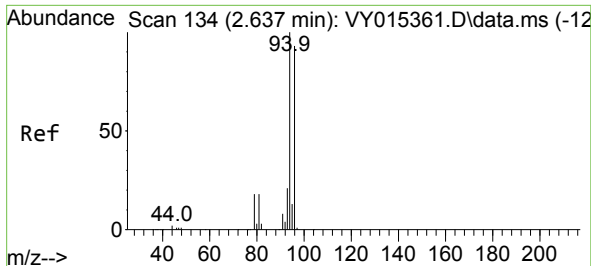
Tgt Ion: 50 Resp: 104761
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 44.754 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 62 Resp: 120139
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5

Bromomethane

Concen: 42.693 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

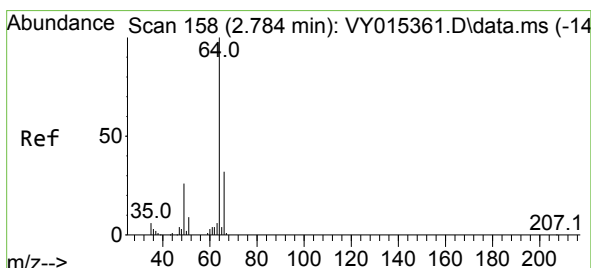
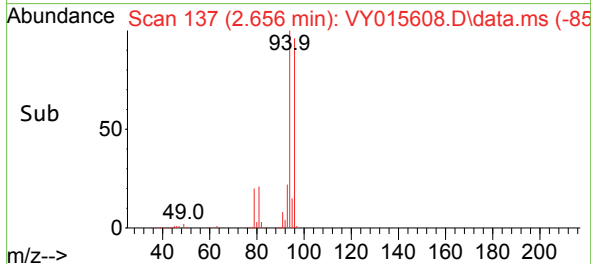
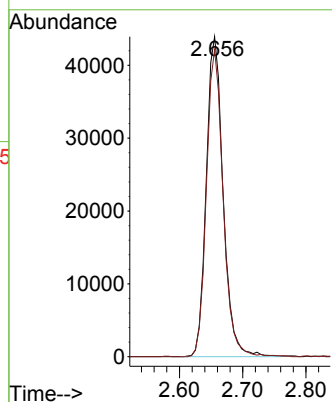
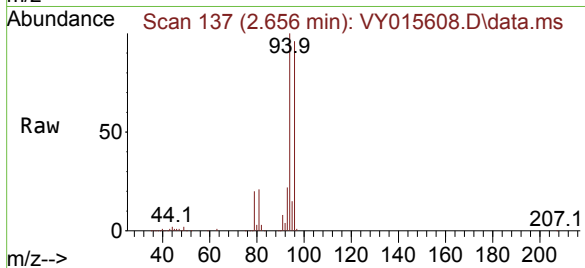
ClientSampleId :

Tgt Ion: 94 Resp: 81547

Ion Ratio Lower Upper

94 100

96 96.0 75.8 113.6



#6

Chloroethane

Concen: 48.024 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015608.D

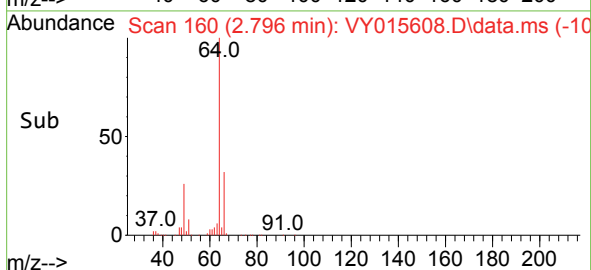
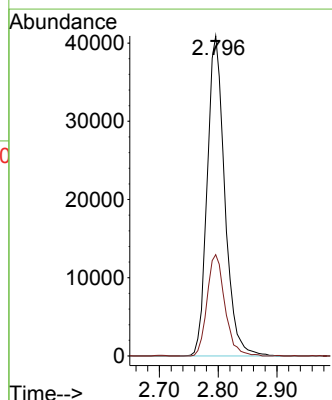
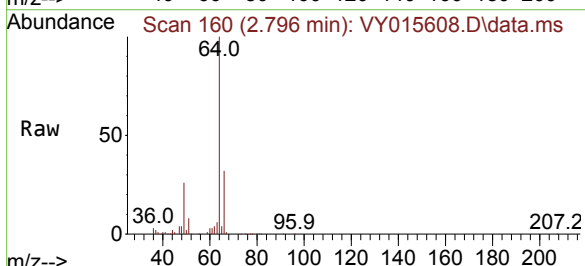
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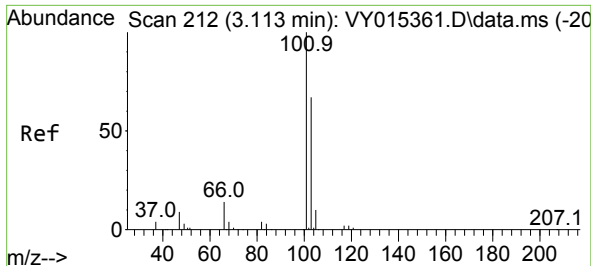
Tgt Ion: 64 Resp: 84736

Ion Ratio Lower Upper

64 100

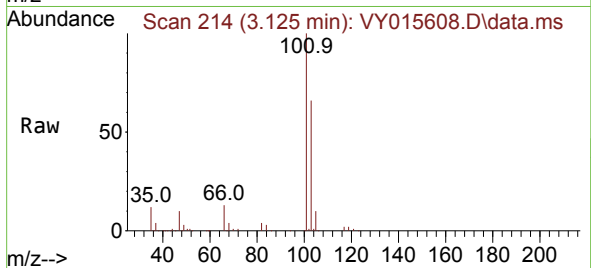
66 31.6 24.4 36.6



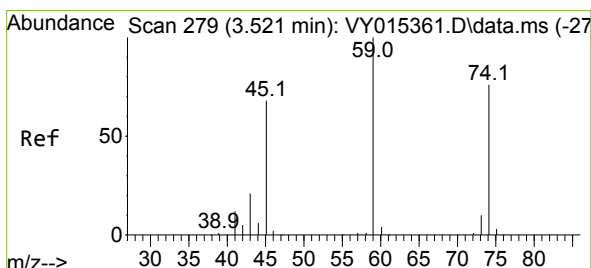
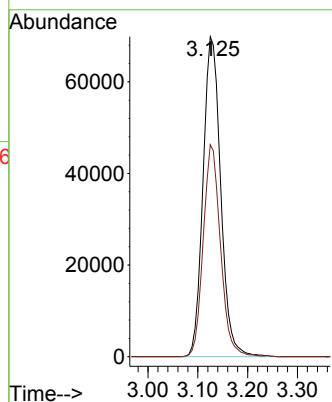
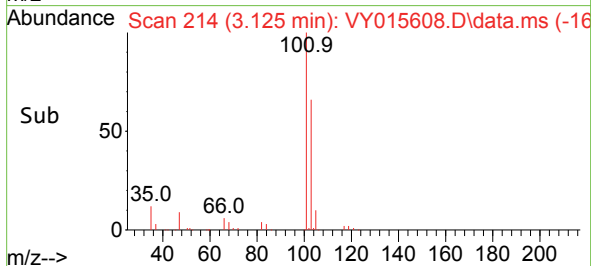


#7
 Trichlorofluoromethane
 Concen: 45.317 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

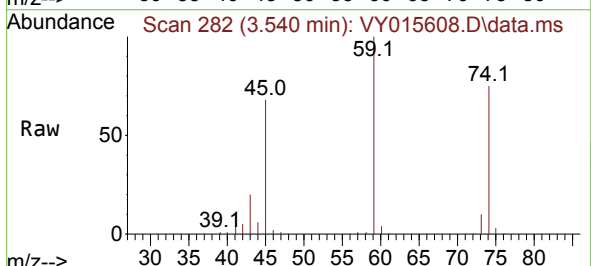
Instrument :
 MSVOA_Y
 ClientSampleId :



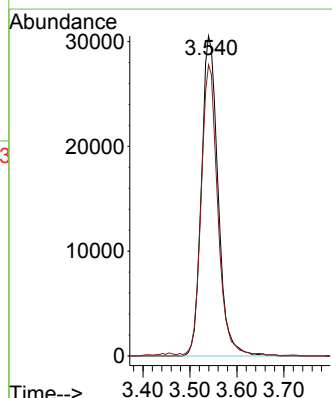
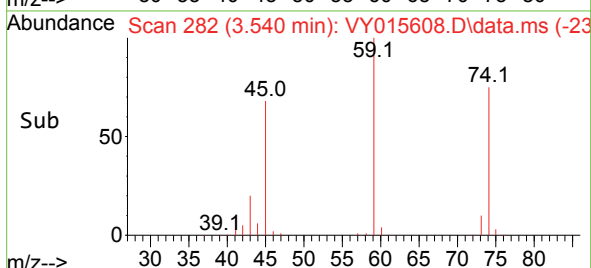
Tgt Ion:101 Resp: 172074
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0

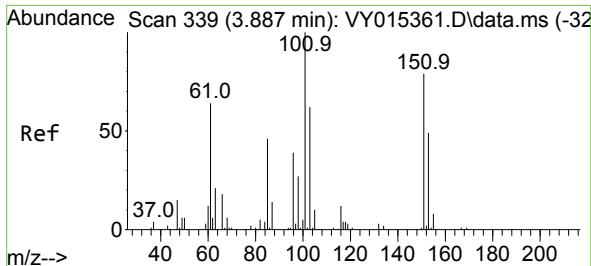


#8
 Diethyl Ether
 Concen: 57.749 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.018 min
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Tgt Ion: 74 Resp: 74940
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.5 154.5

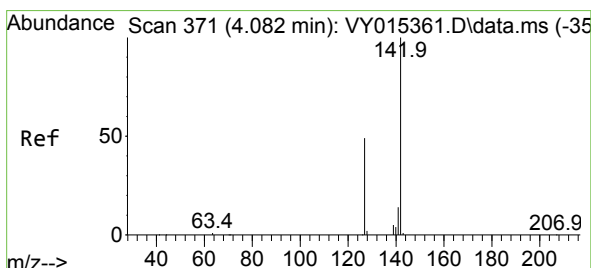
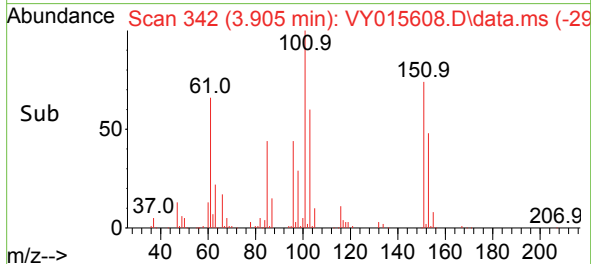
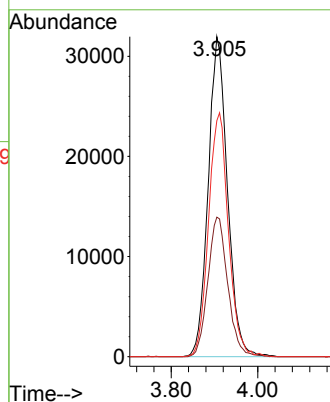
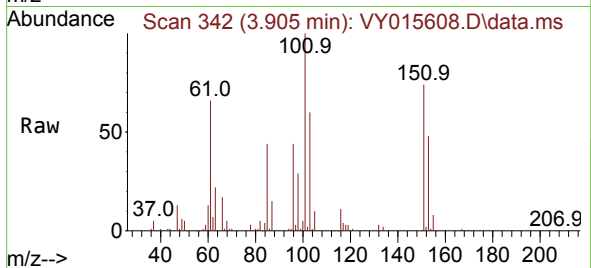




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.949 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

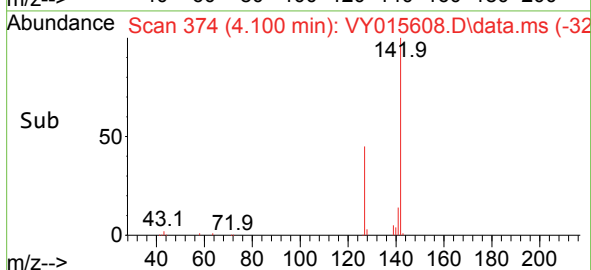
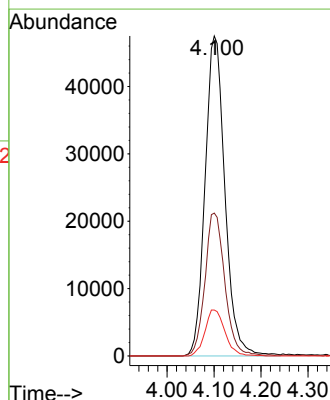
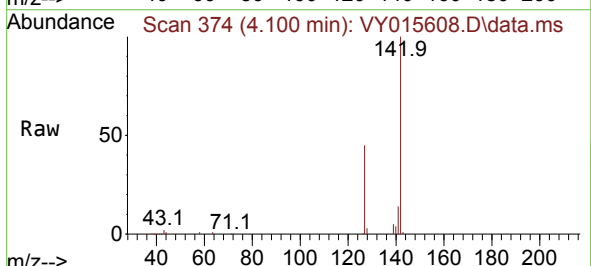
Instrument :
MSVOA_Y
ClientSampleId :

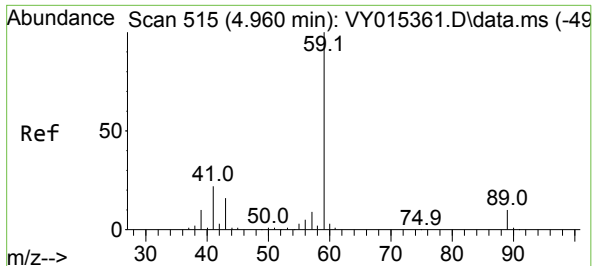
Tgt Ion:101 Resp: 98808
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 56.331 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion:142 Resp: 139222
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.5 11.8 17.8

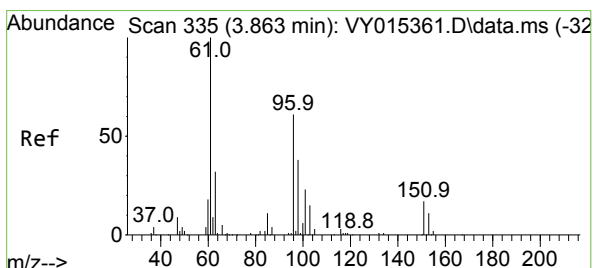
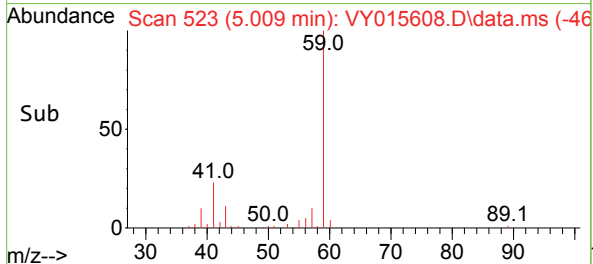
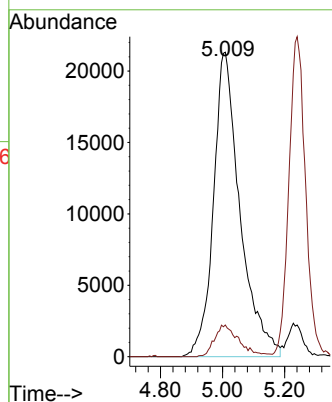
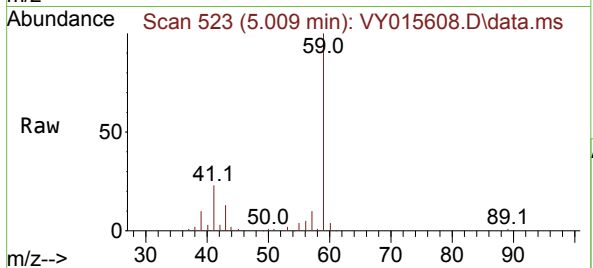




#11
Tert butyl alcohol
Concen: 271.587 ug/l
RT: 5.009 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

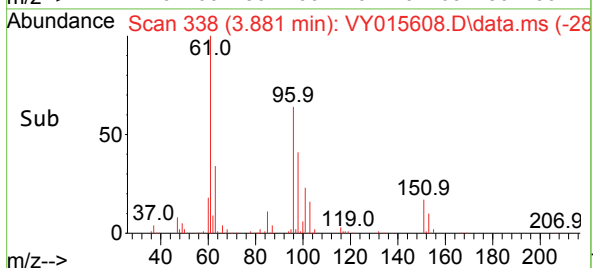
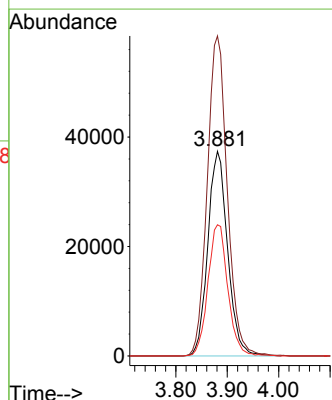
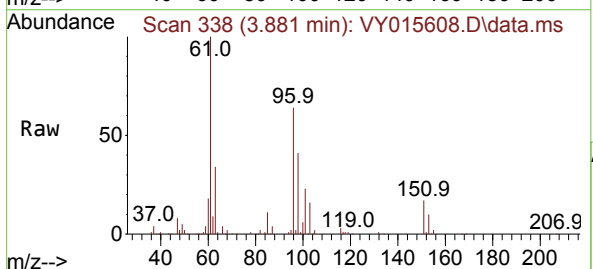
Instrument :
MSVOA_Y
ClientSampleId :

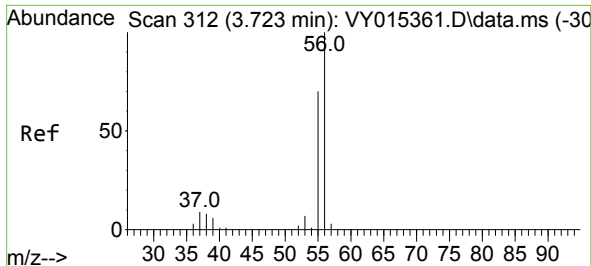
Tgt Ion: 59 Resp: 126691
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.375 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 96 Resp: 100041
Ion Ratio Lower Upper
96 100
61 156.3 136.4 204.6
98 64.1 49.4 74.2





#13

Acrolein

Concen: 216.312 ug/l

RT: 3.747 min Scan# 312

Delta R.T. 0.024 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

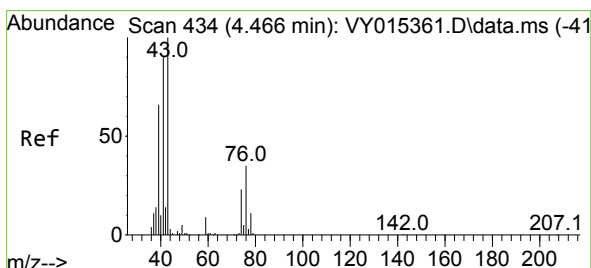
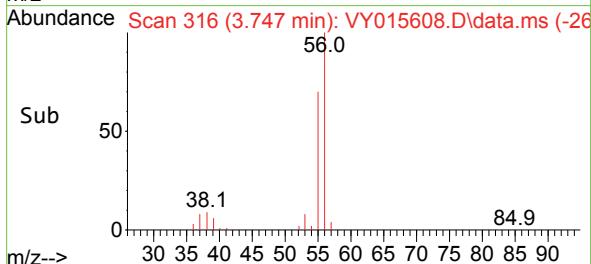
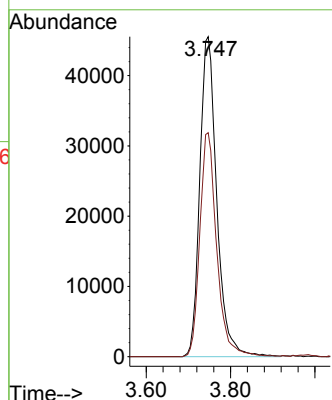
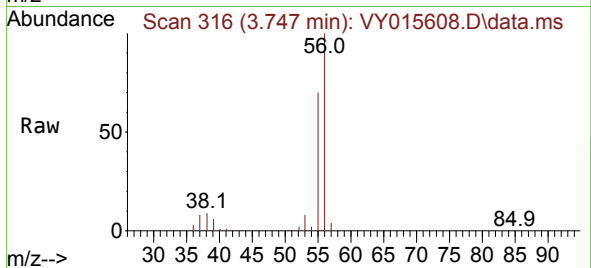
ClientSampleId :

Tgt Ion: 56 Resp: 127718

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 55.206 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.018 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

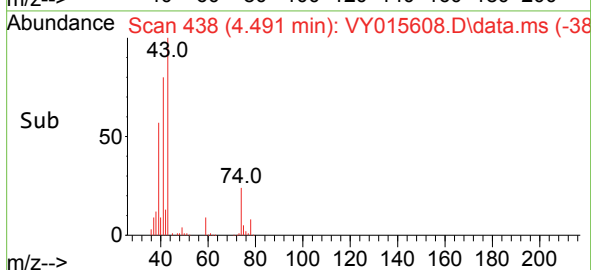
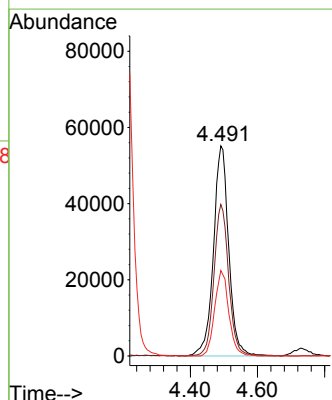
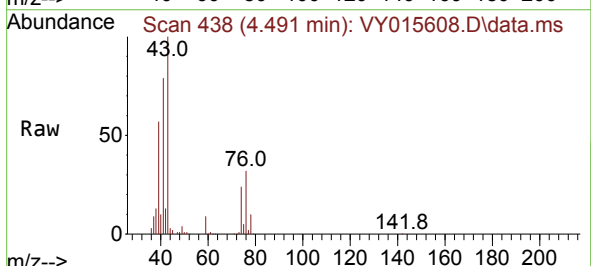
Tgt Ion: 41 Resp: 174556

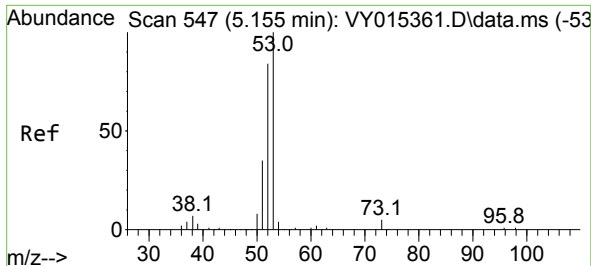
Ion Ratio Lower Upper

41 100

39 69.4 58.0 87.0

76 37.5 27.4 41.2





#15

Acrylonitrile

Concen: 325.184 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

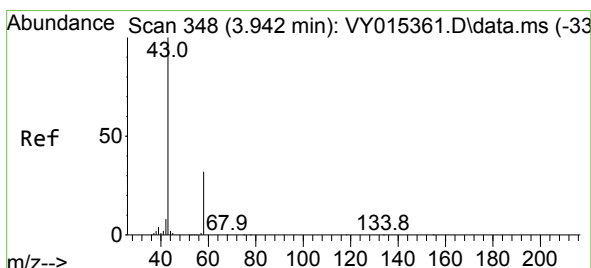
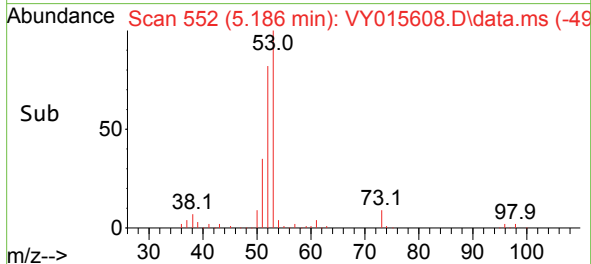
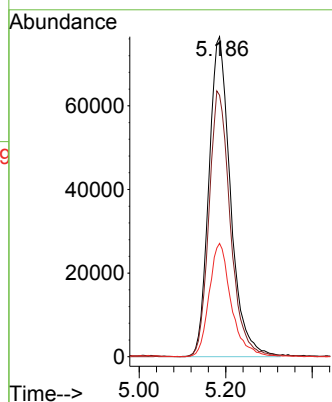
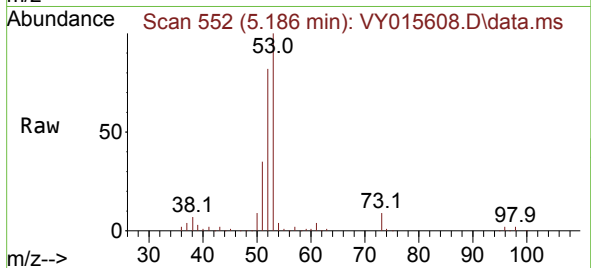
Tgt Ion: 53 Resp: 265535

Ion Ratio Lower Upper

53 100

52 82.2 66.9 100.3

51 36.2 29.8 44.6



#16

Acetone

Concen: 252.617 ug/l

RT: 3.972 min Scan# 353

Delta R.T. 0.030 min

Lab File: VY015608.D

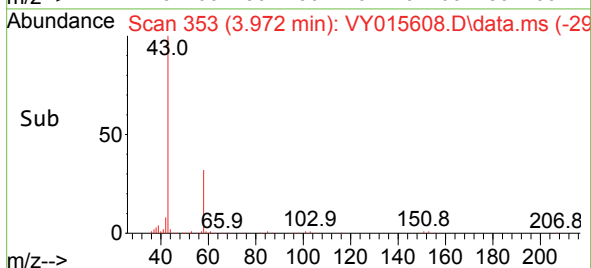
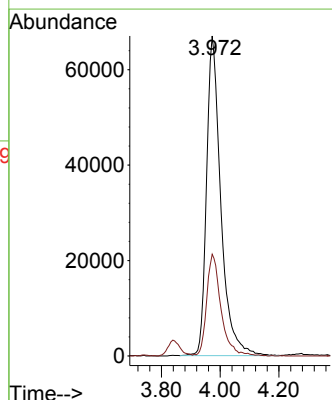
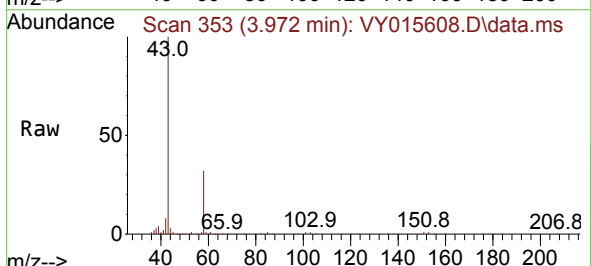
Acq: 16 Sep 2023 07:26

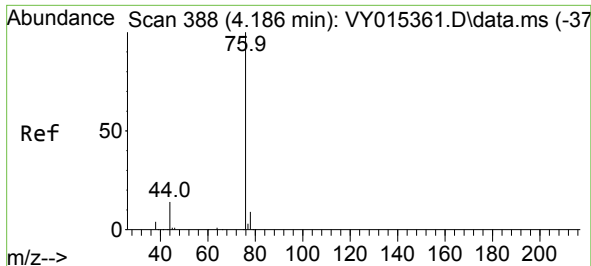
Tgt Ion: 43 Resp: 225811

Ion Ratio Lower Upper

43 100

58 31.8 22.7 34.1

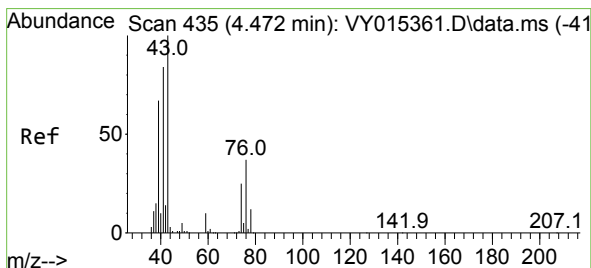
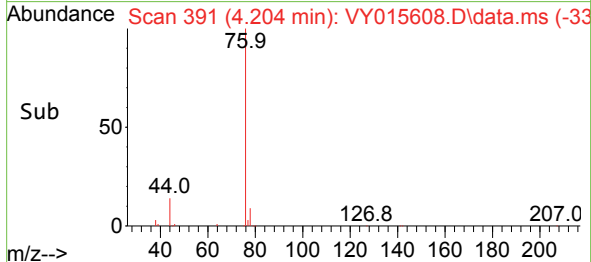
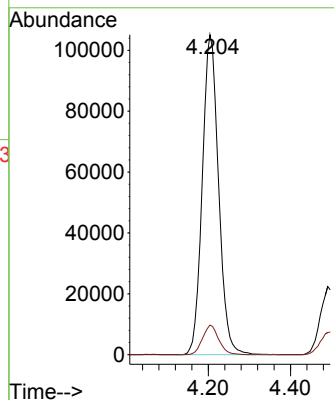
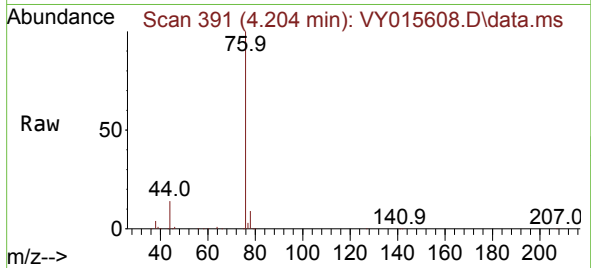




#17
Carbon Disulfide
Concen: 48.641 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

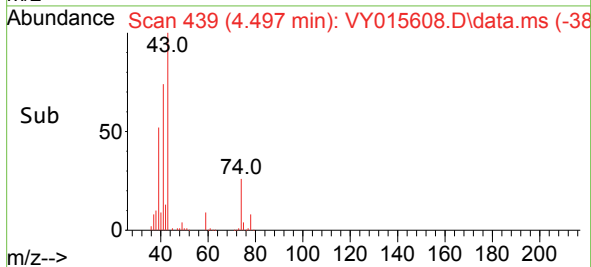
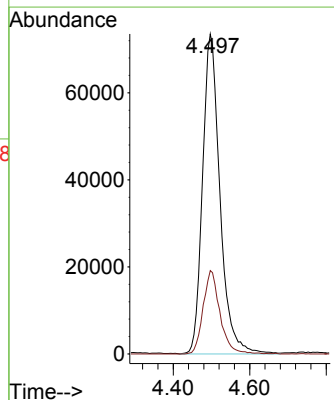
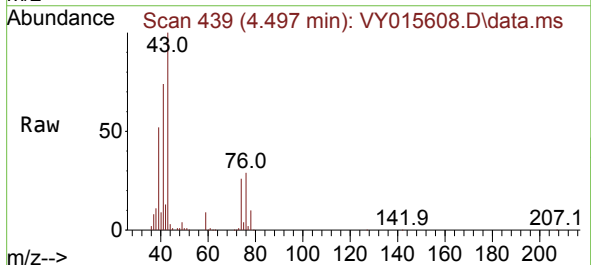
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 288787
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 71.817 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.024 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

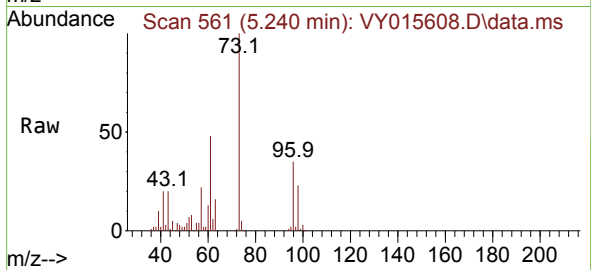
Tgt Ion: 43 Resp: 232522
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0



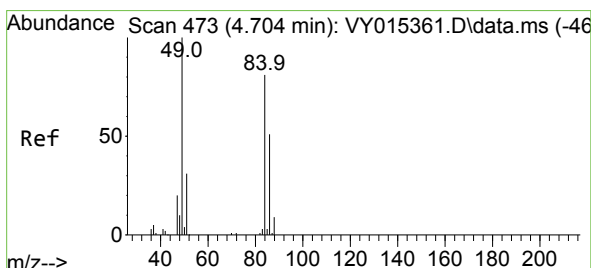
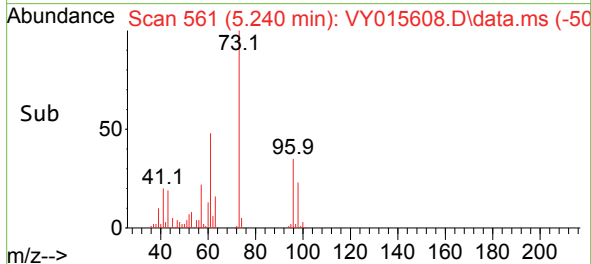
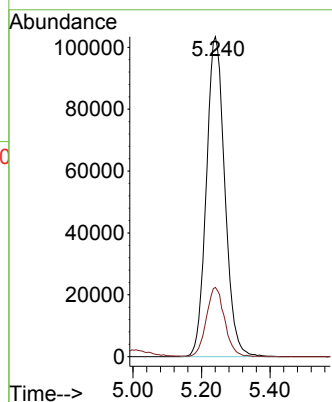


#19
Methyl tert-butyl Ether
Concen: 60.084 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.030 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Instrument :
MSVOA_Y
ClientSampleId :

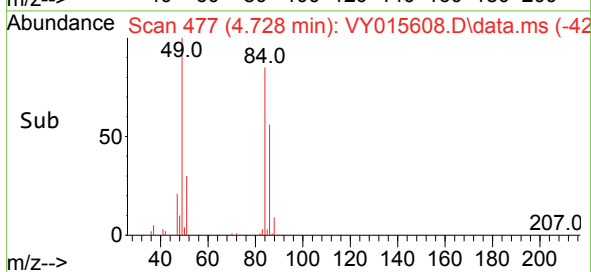
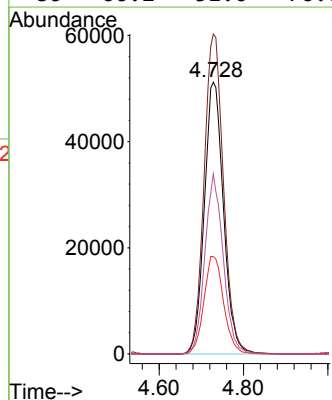
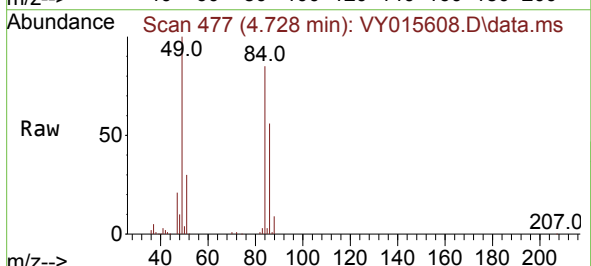


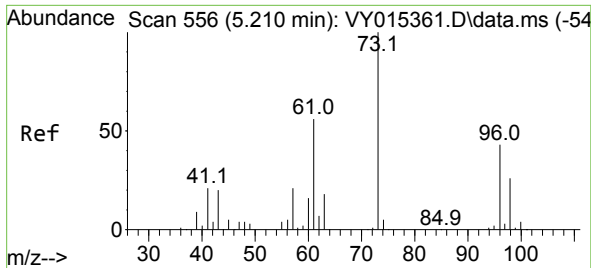
Tgt Ion: 73 Resp: 387815
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 57.883 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.024 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 84 Resp: 161851
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 35.8 33.2 49.8
86 66.2 51.0 76.6

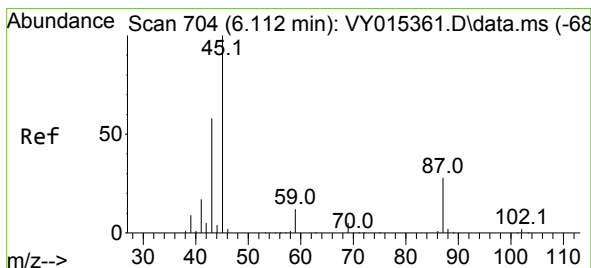
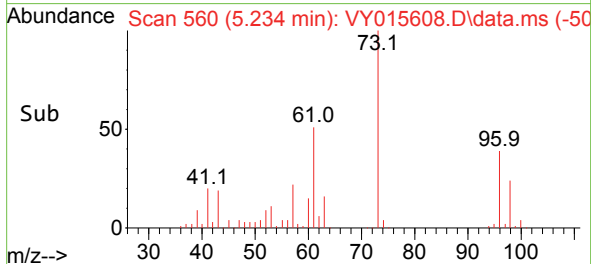
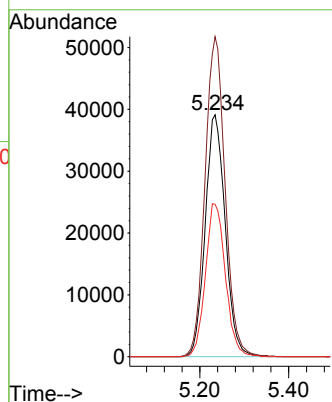
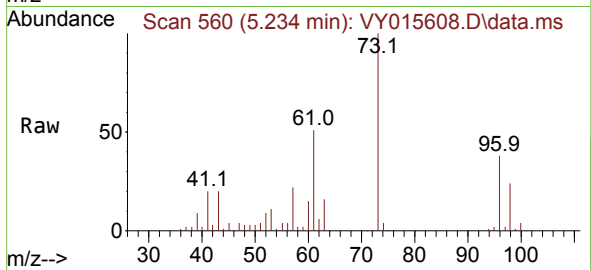




#21
trans-1,2-Dichloroethene
Concen: 53.571 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.024 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

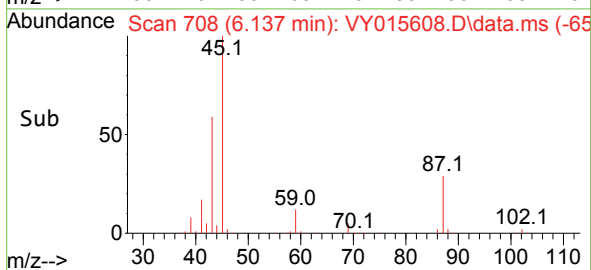
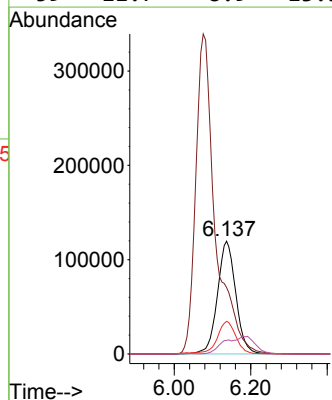
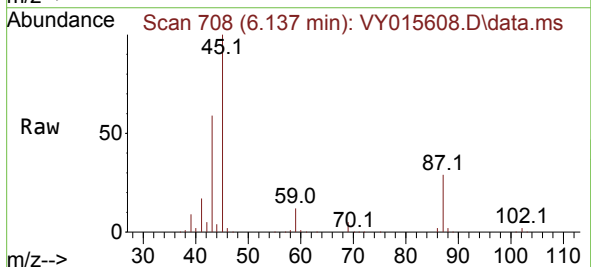
Instrument :
MSVOA_Y
ClientSampleId :

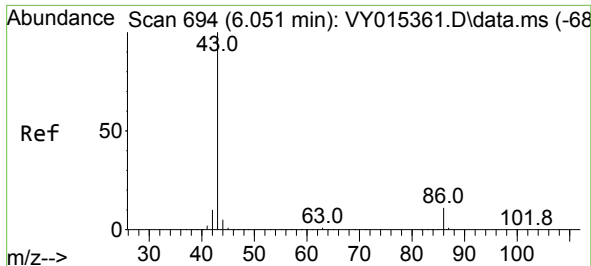
Tgt Ion: 96 Resp: 122508
Ion Ratio Lower Upper
96 100
61 132.3 110.2 165.4
98 62.9 51.8 77.6



#22
Diisopropyl ether
Concen: 57.586 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.024 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 45 Resp: 398228
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 28.9 21.0 31.6
59 11.7 8.9 13.3

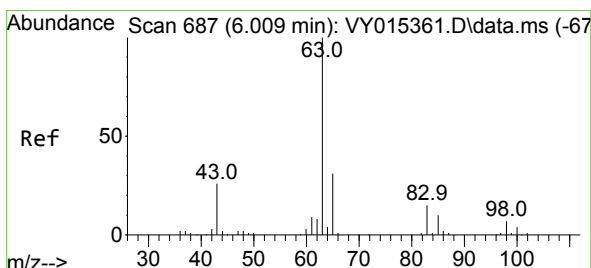
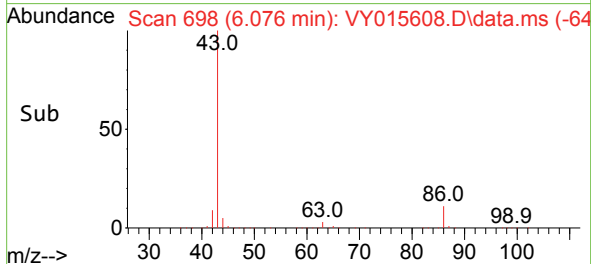
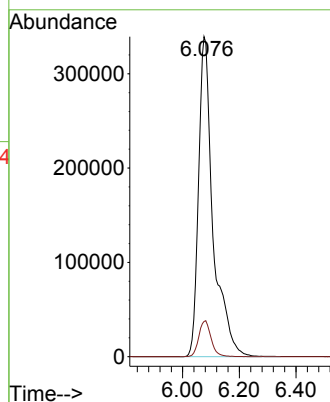
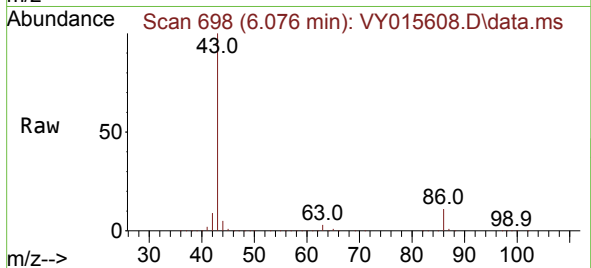




#23
 Vinyl Acetate
 Concen: 275.569 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.024 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

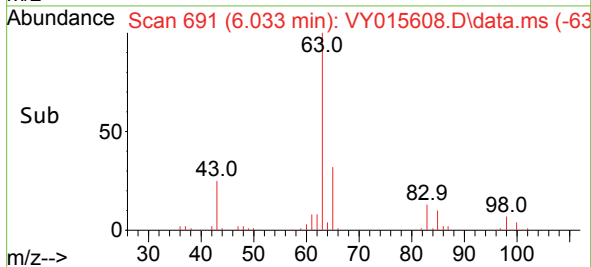
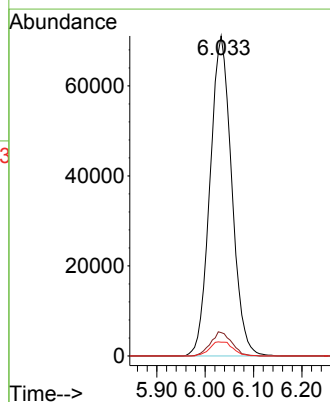
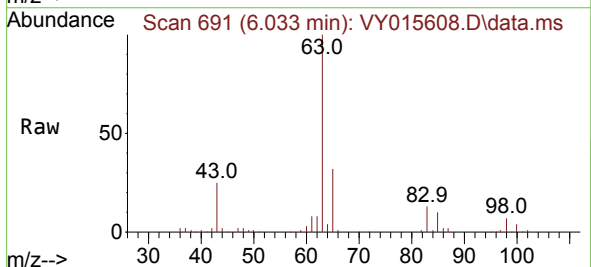
Instrument :
 MSVOA_Y
 ClientSampleId :

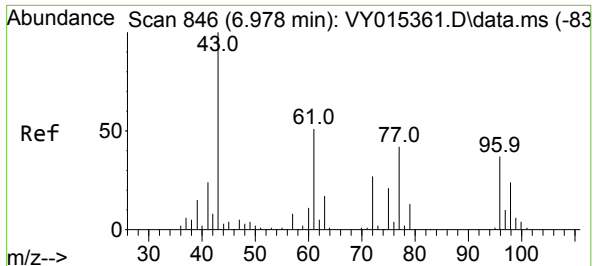
Tgt Ion: 43 Resp: 1203189
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 55.282 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.030 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

Tgt Ion: 63 Resp: 220995
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 305.033 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.024 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

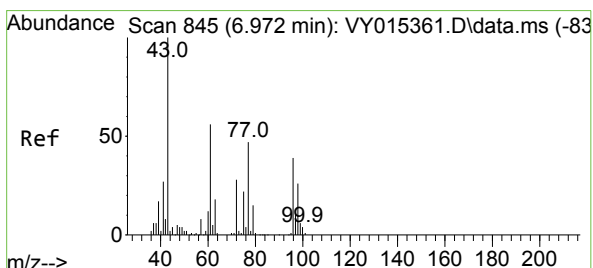
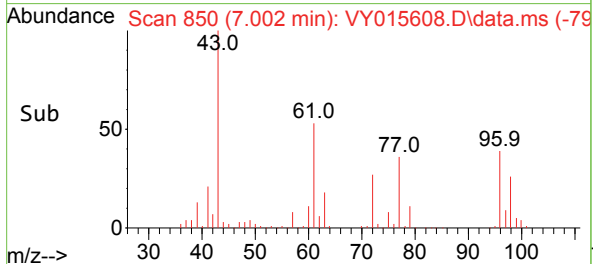
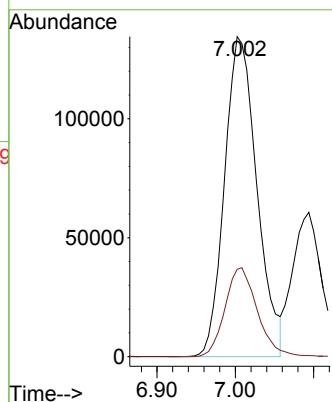
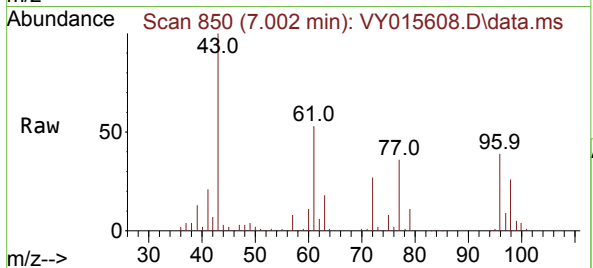
ClientSampleId :

Tgt Ion: 43 Resp: 386728

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.379 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.024 min

Lab File: VY015608.D

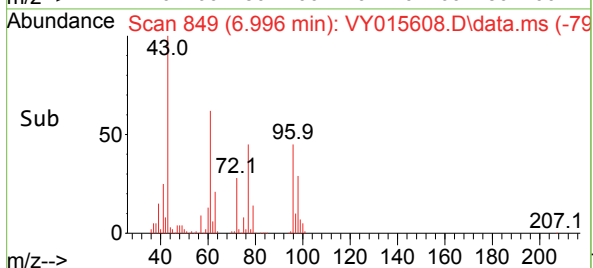
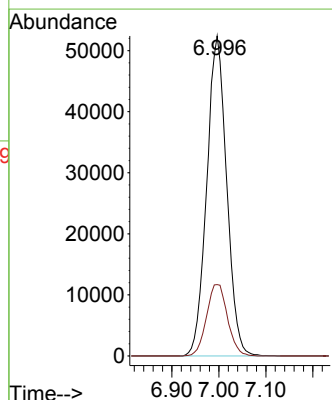
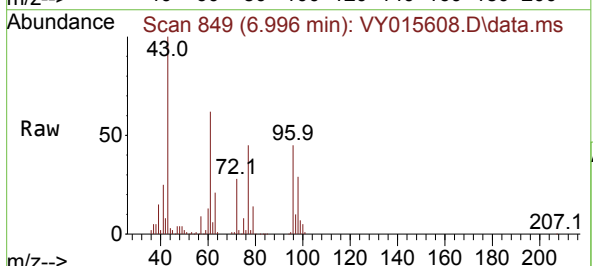
Acq: 16 Sep 2023 07:26

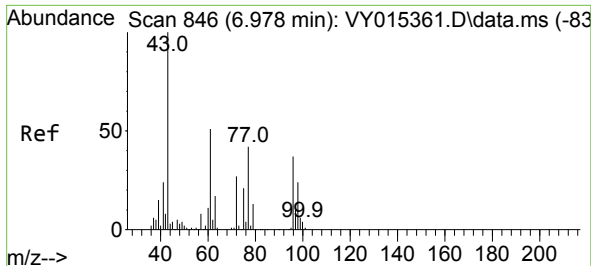
Tgt Ion: 77 Resp: 154075

Ion Ratio Lower Upper

77 100

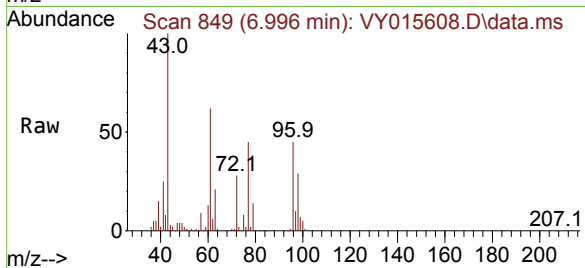
97 23.5 10.9 32.9



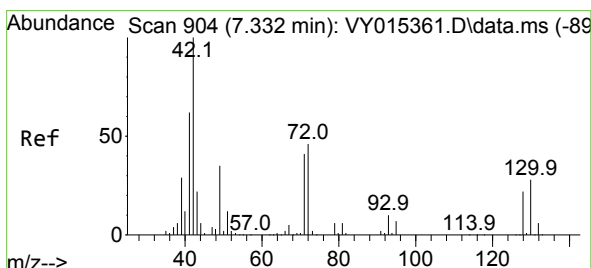
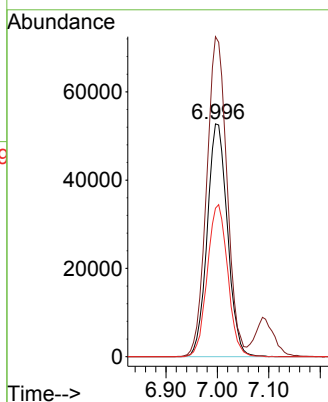
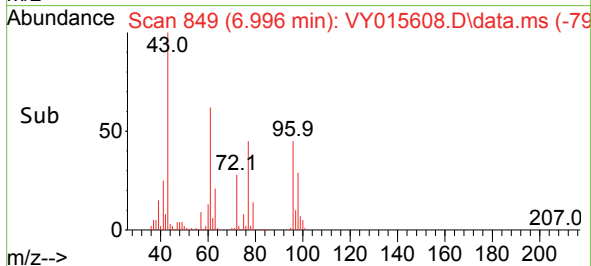


#27
 cis-1,2-Dichloroethene
 Concen: 55.677 ug/l
 RT: 6.996 min Scan# 846
 Delta R.T. 0.018 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

Instrument :
 MSVOA_Y
 ClientSampleId :

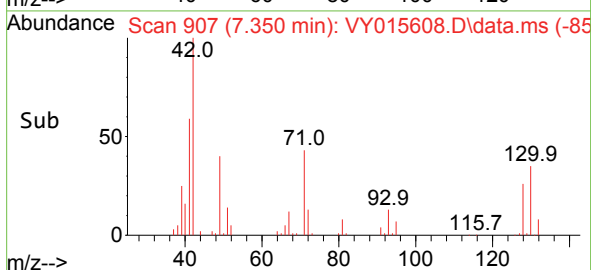
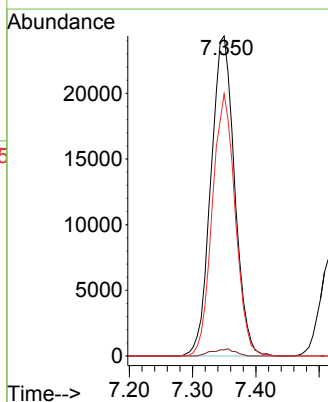
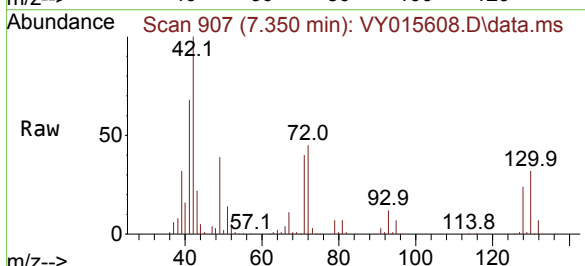


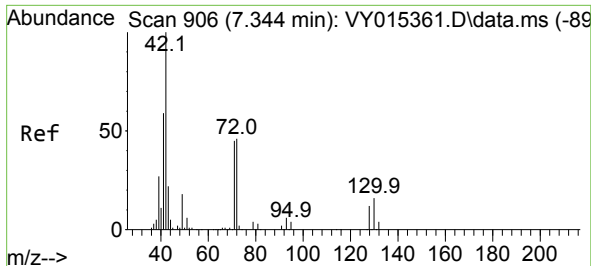
Tgt Ion: 96 Resp: 144441
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 301.4
 98 65.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 51.655 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.024 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

Tgt Ion: 49 Resp: 63323
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 79.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 333.349 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

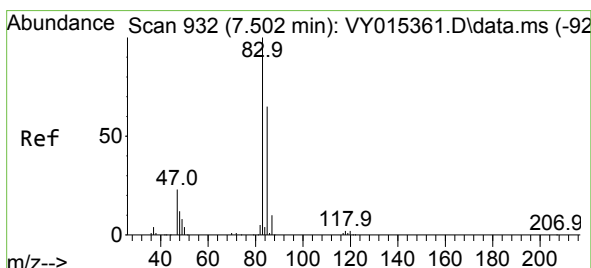
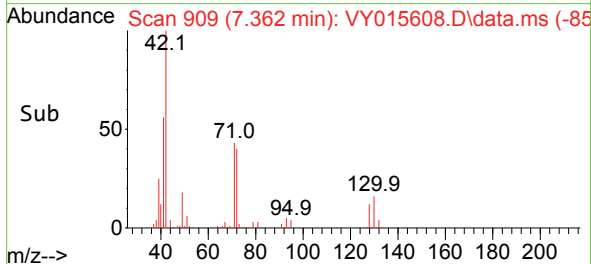
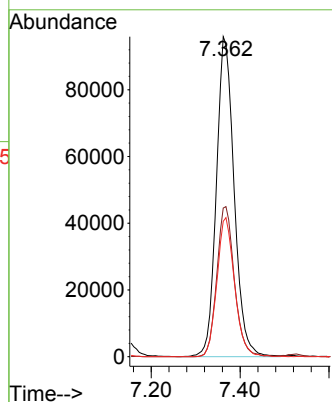
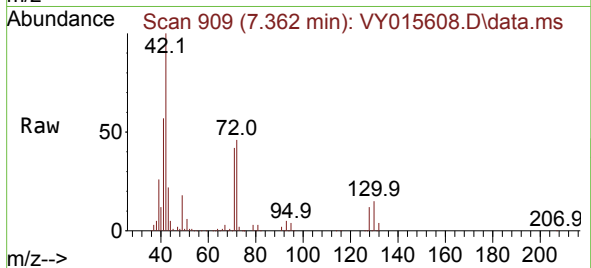
Tgt Ion: 42 Resp: 265400

Ion Ratio Lower Upper

42 100

72 46.4 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 56.505 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.024 min

Lab File: VY015608.D

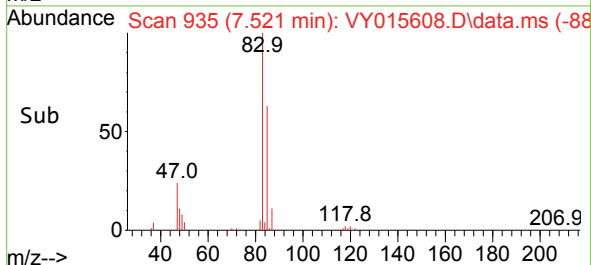
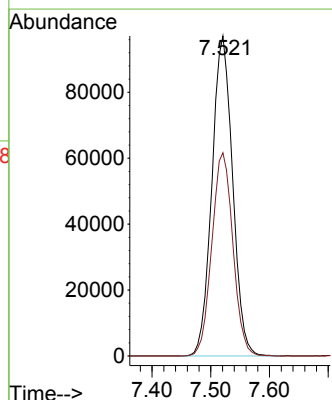
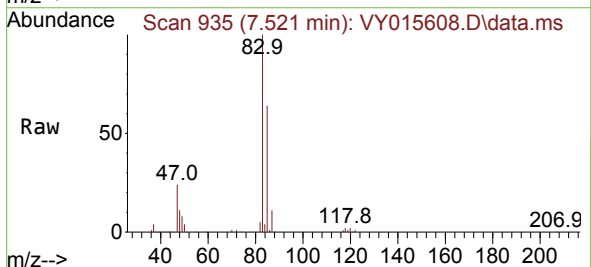
Acq: 16 Sep 2023 07:26

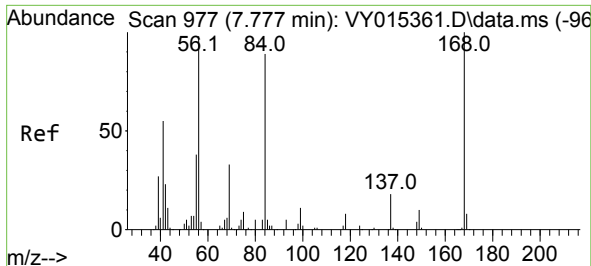
Tgt Ion: 83 Resp: 237454

Ion Ratio Lower Upper

83 100

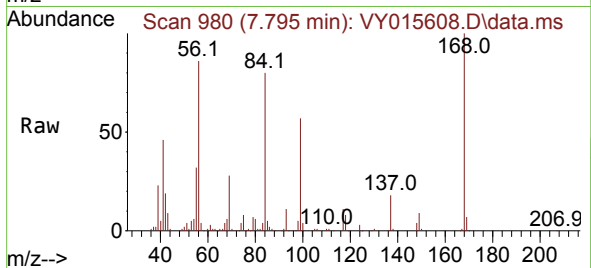
85 63.5 49.7 74.5



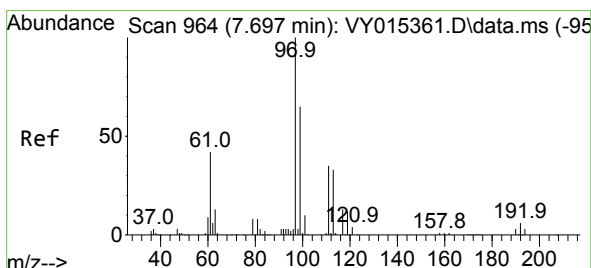
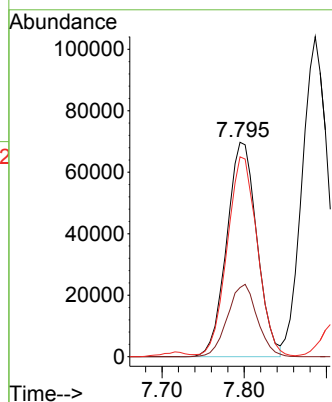
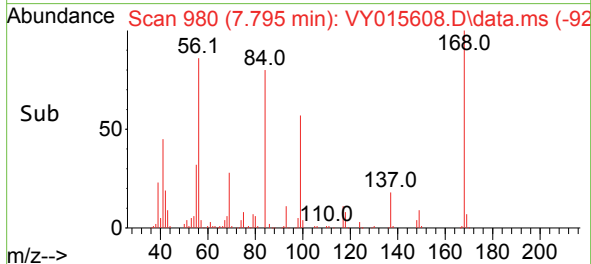


#31
Cyclohexane
Concen: 46.896 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Instrument :
MSVOA_Y
ClientSampleId :

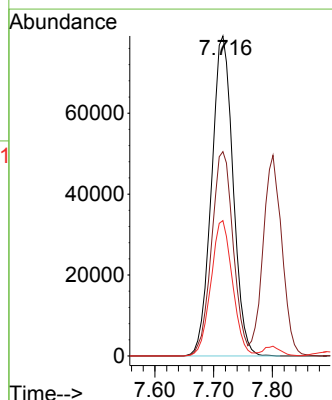
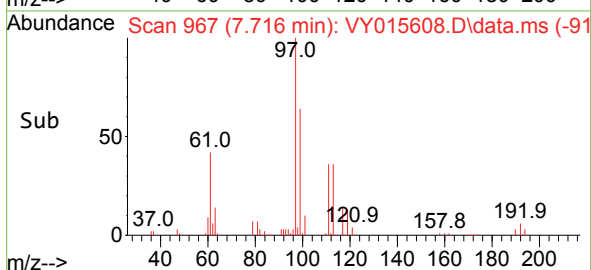
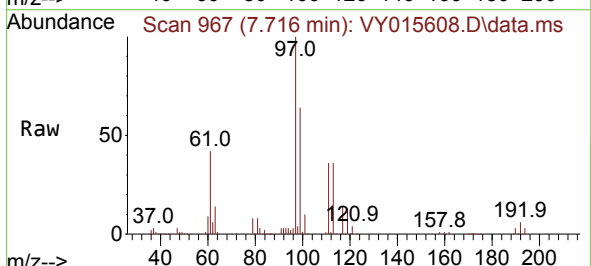


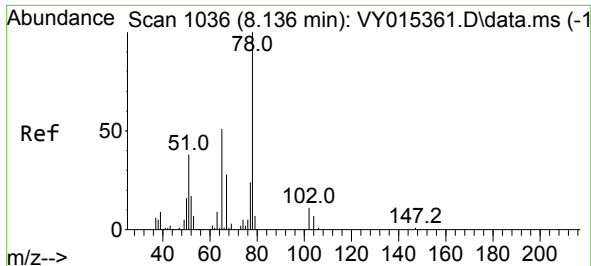
Tgt Ion: 56 Resp: 178401
Ion Ratio Lower Upper
56 100
69 32.3 27.8 41.6
84 91.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.586 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.024 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 97 Resp: 201137
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.331 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.018 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

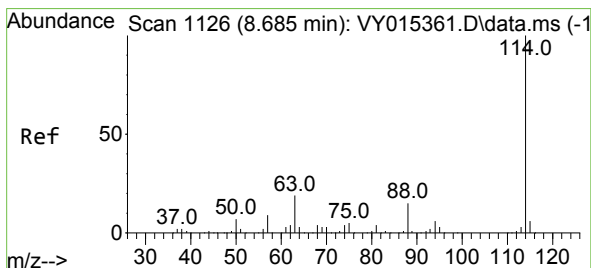
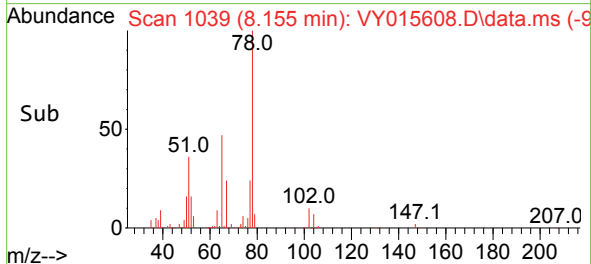
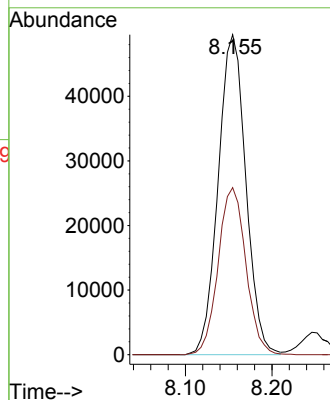
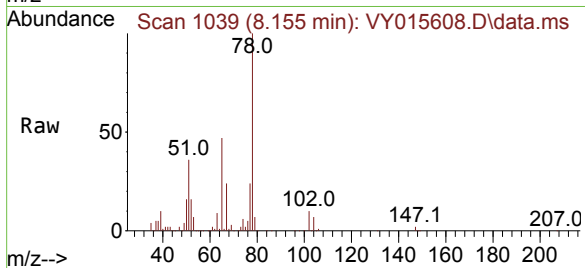
ClientSampleId :

Tgt Ion: 65 Resp: 109929

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

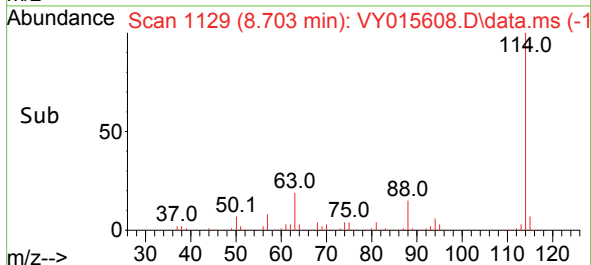
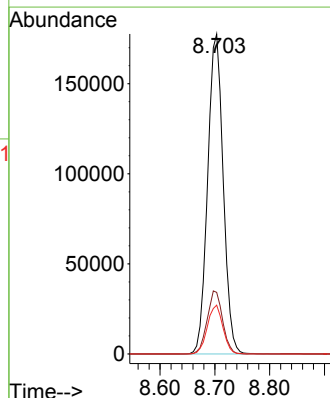
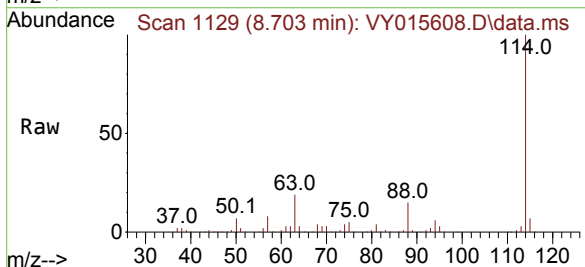
Tgt Ion: 114 Resp: 348169

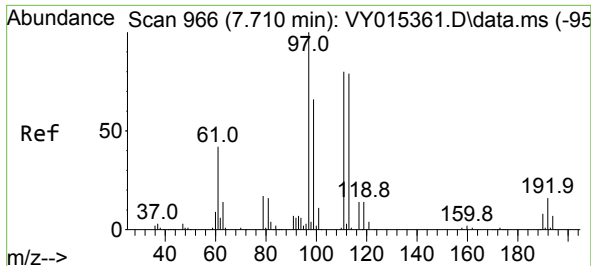
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.3 0.0 30.6

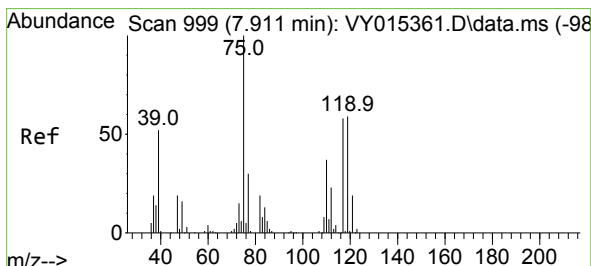
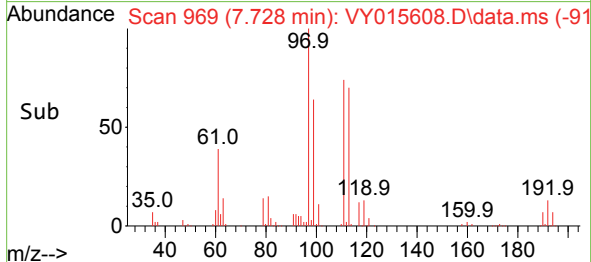
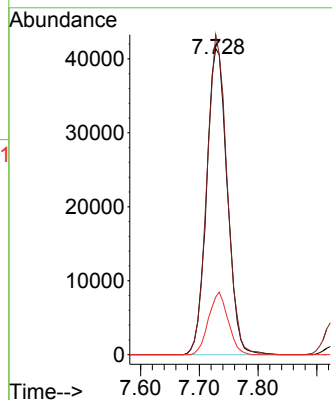
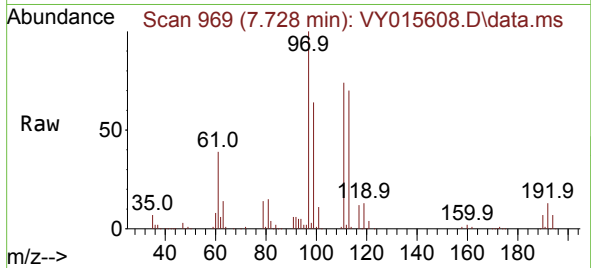




#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

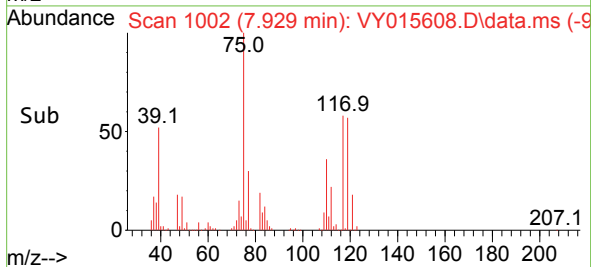
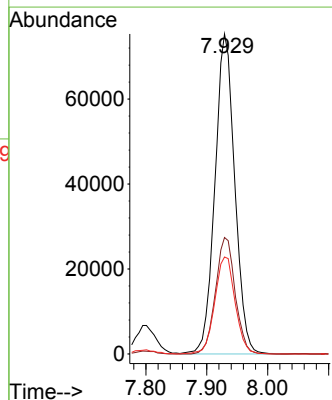
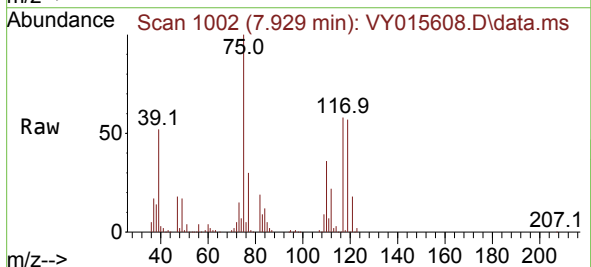
Instrument :
MSVOA_Y
ClientSampleId :

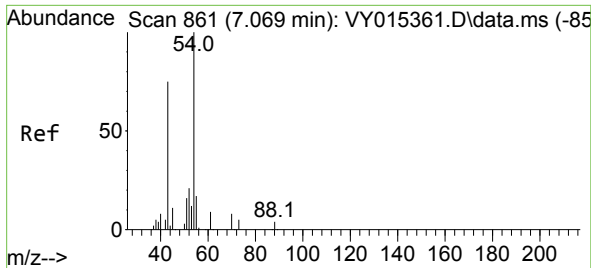
Tgt Ion:113 Resp: 101188
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.300 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 75 Resp: 170076
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.2 24.4 36.6



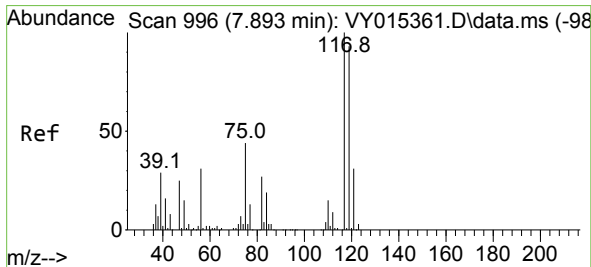
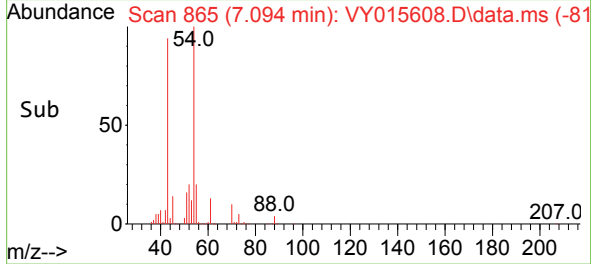
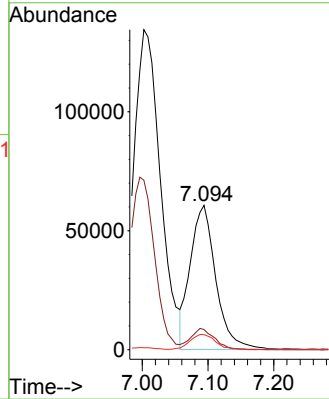
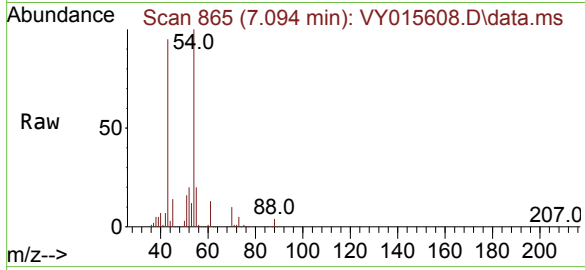


#37
Ethyl Acetate
Concen: 60.025 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.030 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 163013

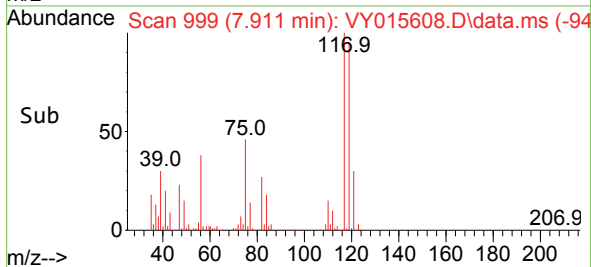
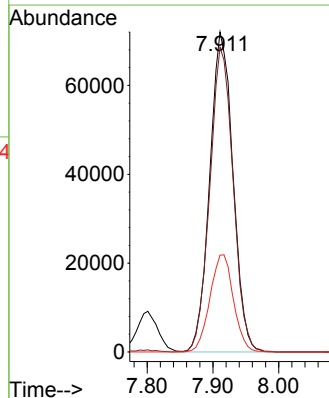
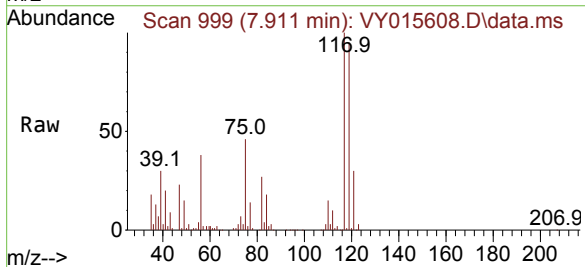
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.1	15.1
70	10.7	7.1	10.7

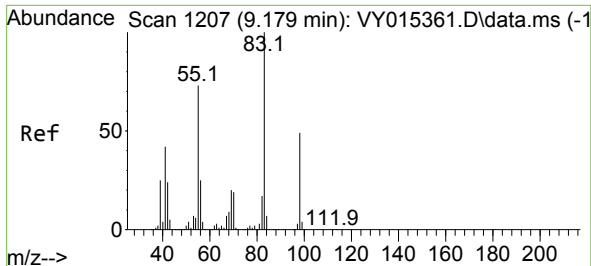


#38
Carbon Tetrachloride
Concen: 48.708 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 117 Resp: 177141

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
121	30.2	25.8	38.6





#39

Methylcyclohexane

Concen: 45.962 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

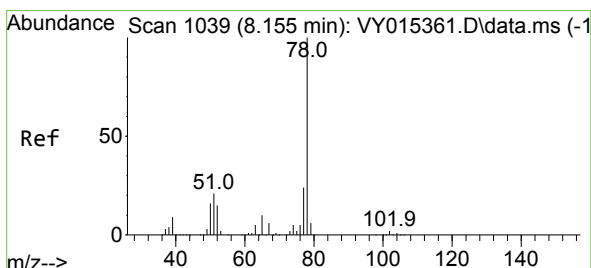
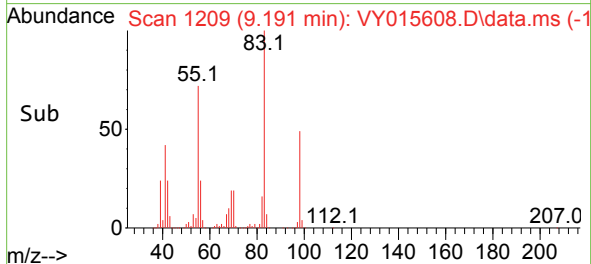
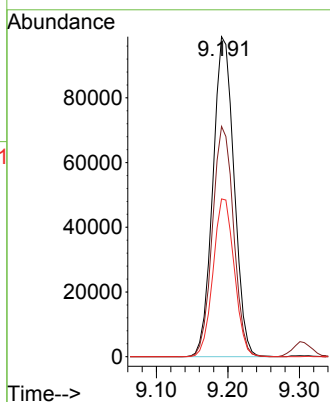
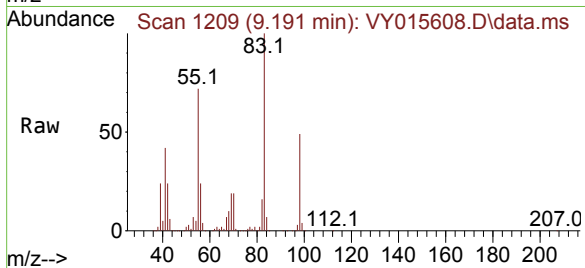
Tgt Ion: 83 Resp: 203752

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 52.173 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.024 min

Lab File: VY015608.D

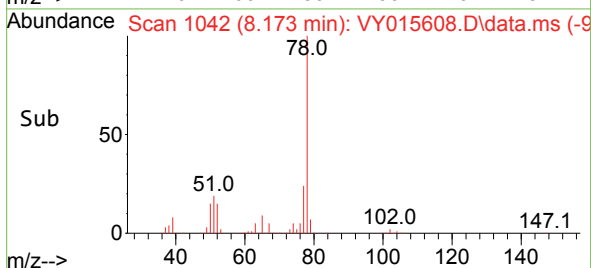
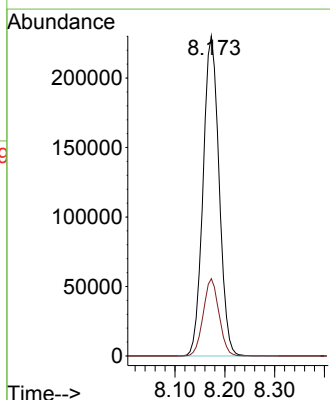
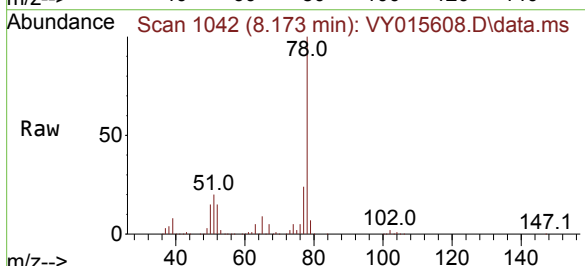
Acq: 16 Sep 2023 07:26

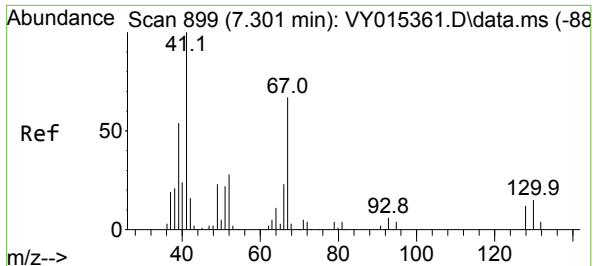
Tgt Ion: 78 Resp: 512550

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



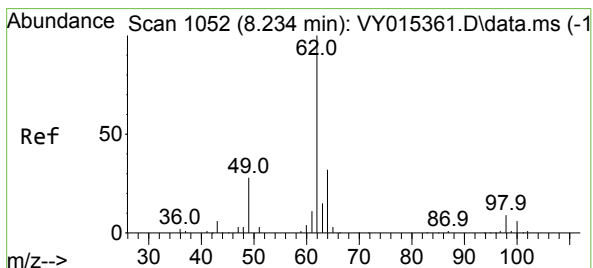
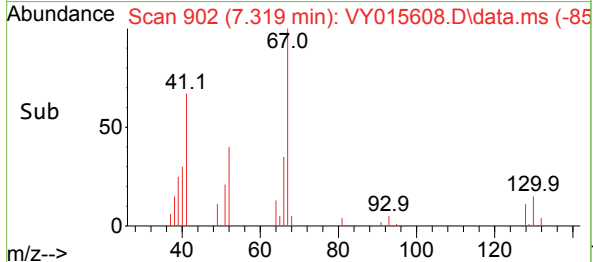
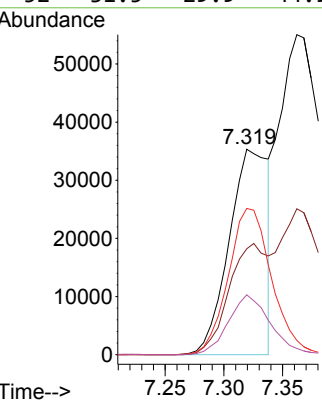
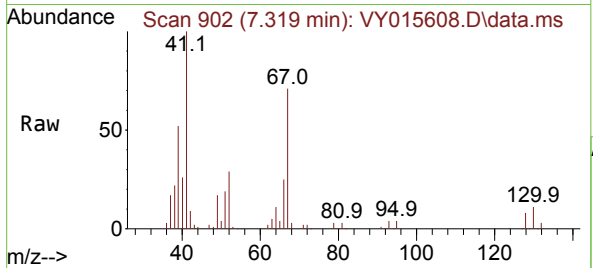


#41
Methacrylonitrile
Concen: 64.262 ug/l
RT: 7.319 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 81839

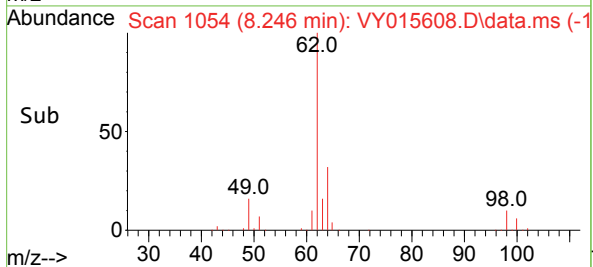
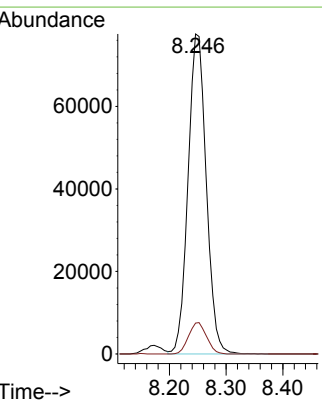
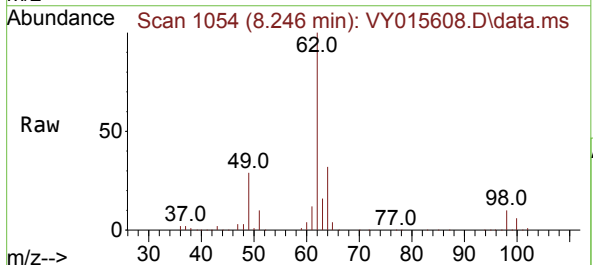
Ion	Ratio	Lower	Upper
41	100		
39	53.5	52.1	78.1
67	79.3	66.2	99.2
52	31.5	29.9	44.9

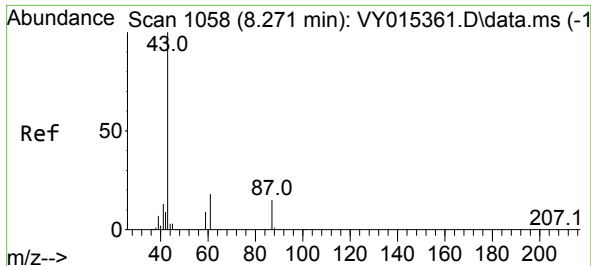


#42
1,2-Dichloroethane
Concen: 52.831 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 62 Resp: 173071

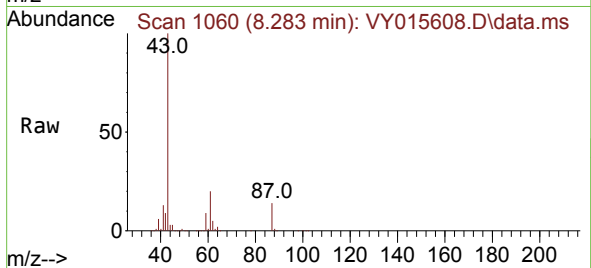
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8



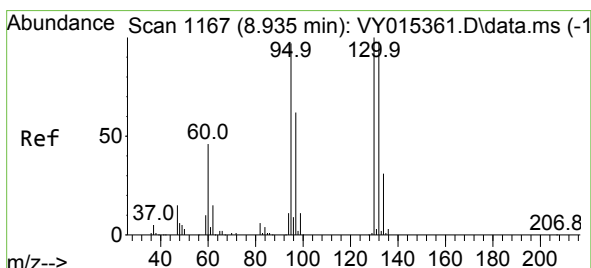
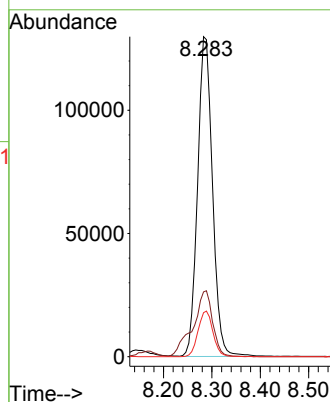
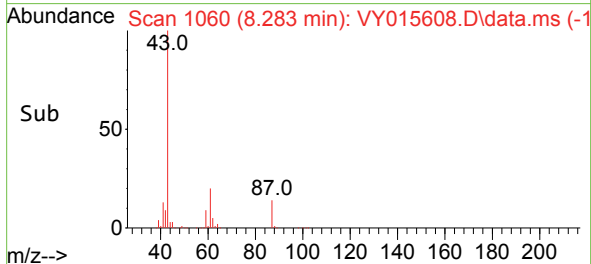


#43
Isopropyl Acetate
Concen: 59.197 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Instrument :
MSVOA_Y
ClientSampleId :

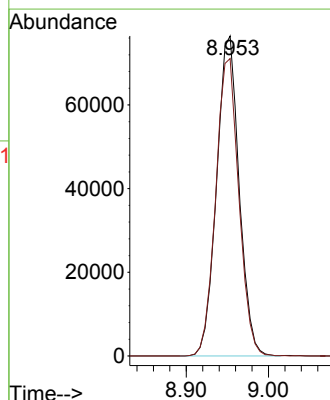
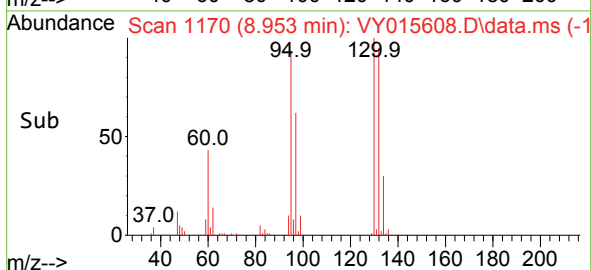
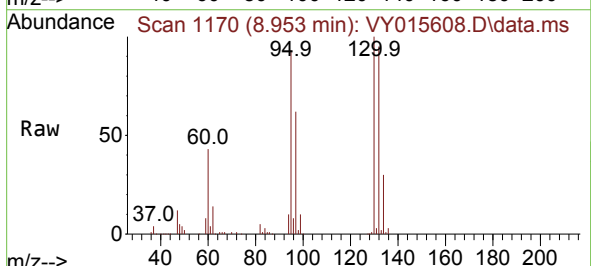


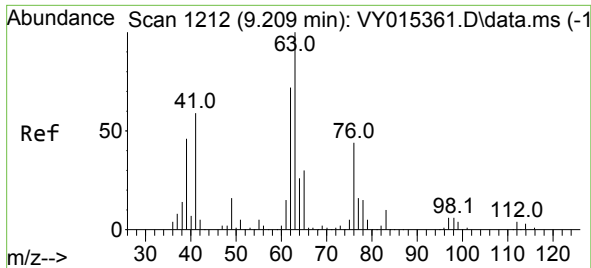
Tgt Ion: 43 Resp: 277994
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 52.438 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion:130 Resp: 145756
Ion Ratio Lower Upper
130 100
95 93.0 0.0 196.0

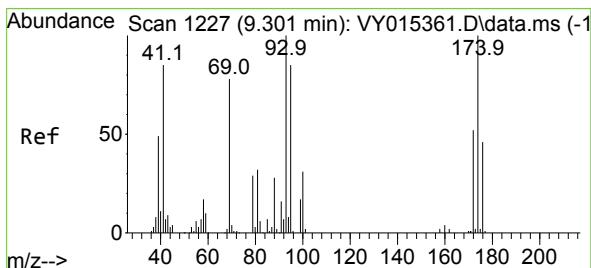
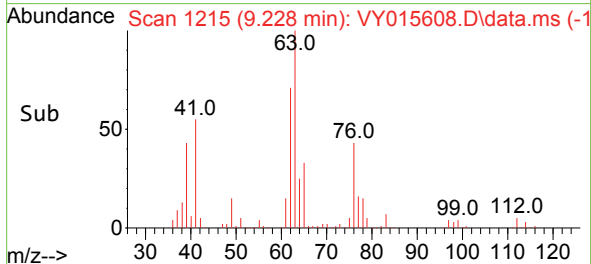
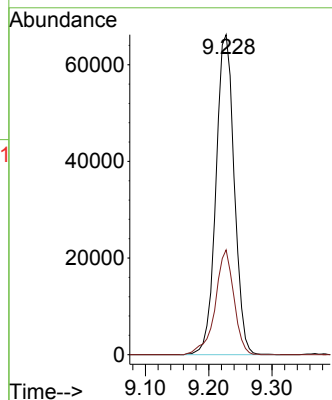
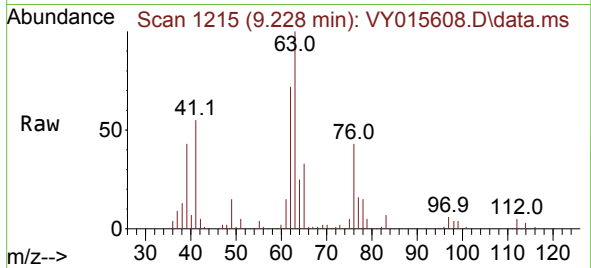




#45
1,2-Dichloropropane
Concen: 53.446 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

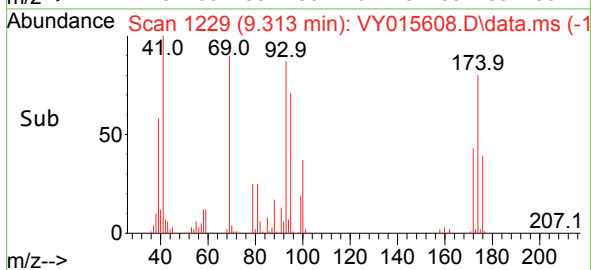
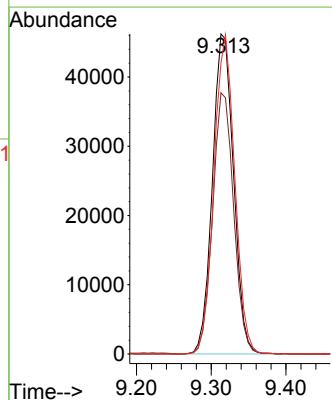
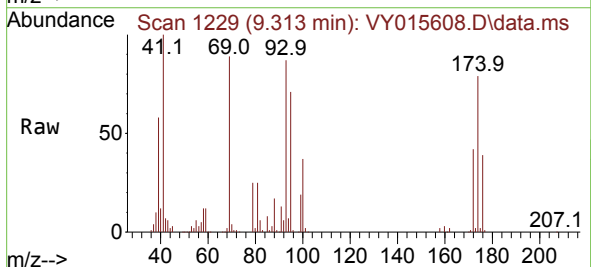
Instrument :
MSVOA_Y
ClientSampleId :

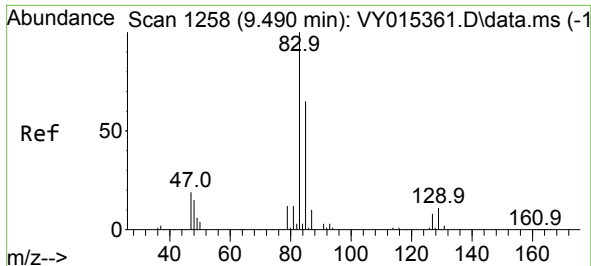
Tgt Ion: 63 Resp: 132363
Ion Ratio Lower Upper
63 100
65 32.8 23.8 35.6



#46
Dibromomethane
Concen: 55.213 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 93 Resp: 90830
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 98.0 84.8 127.2

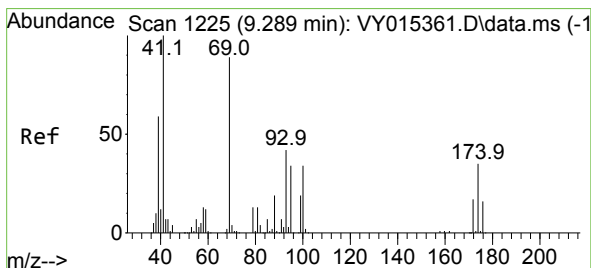
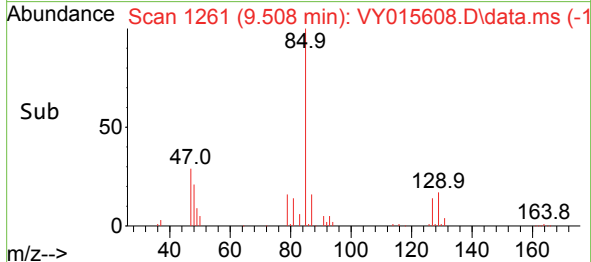
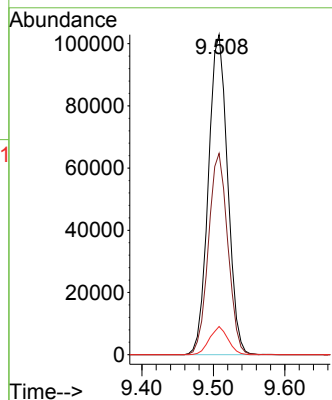
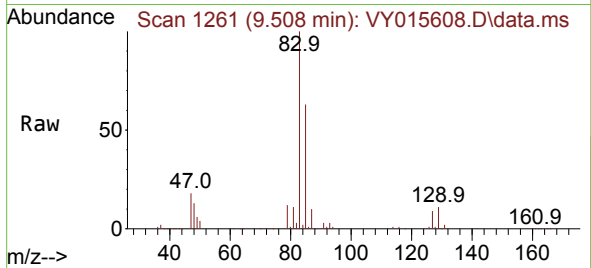




#47
Bromodichloromethane
Concen: 54.579 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

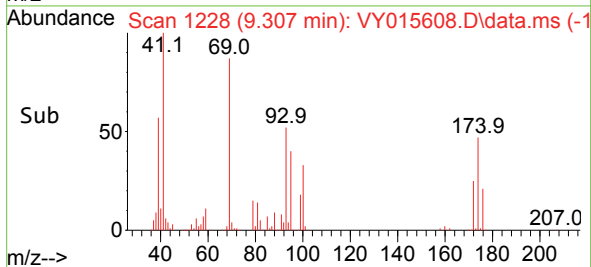
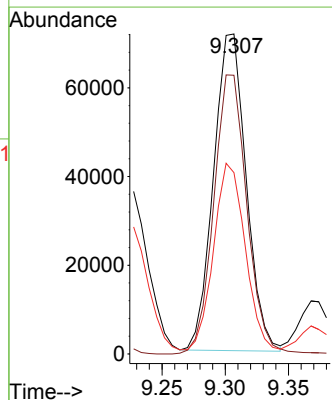
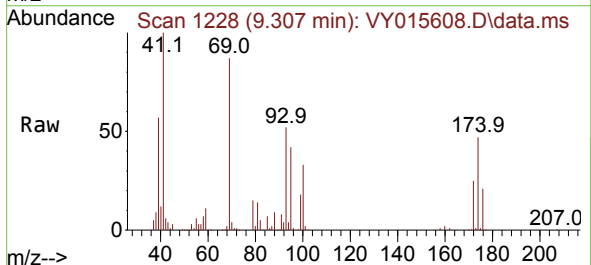
Instrument :
MSVOA_Y
ClientSampleId :

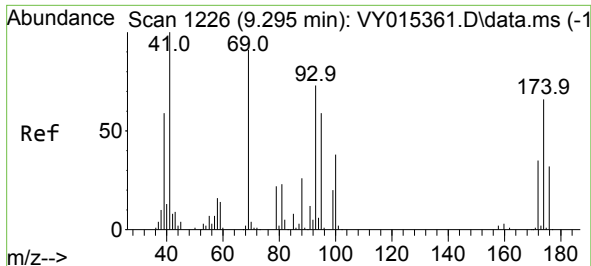
Tgt Ion: 83 Resp: 192013
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 59.562 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.018 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 41 Resp: 128335
Ion Ratio Lower Upper
41 100
69 89.4 64.5 96.7
39 59.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1271.900 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.036 min

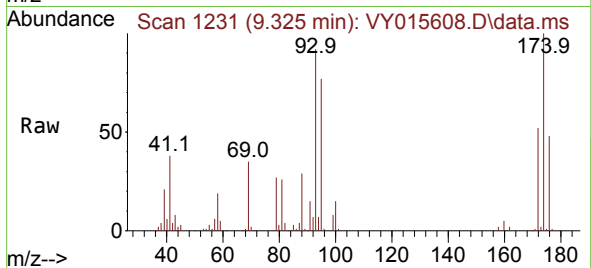
Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :



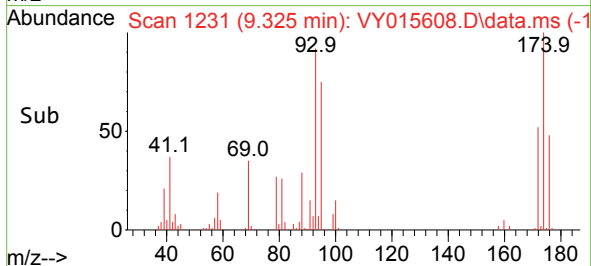
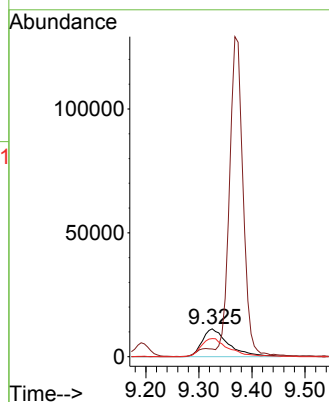
Tgt Ion: 88 Resp: 38865

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.5 30.9 46.3#



#50

Toluene-d8

Concen: 45.409 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.012 min

Lab File: VY015608.D

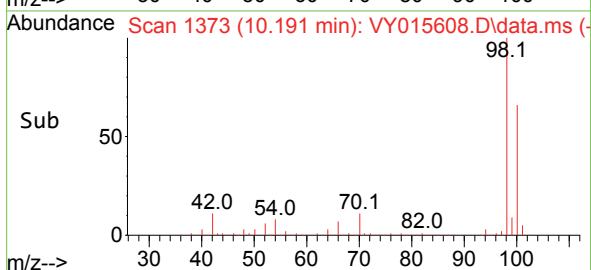
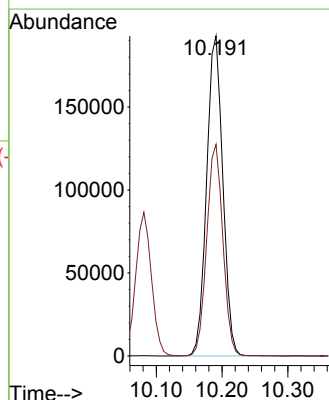
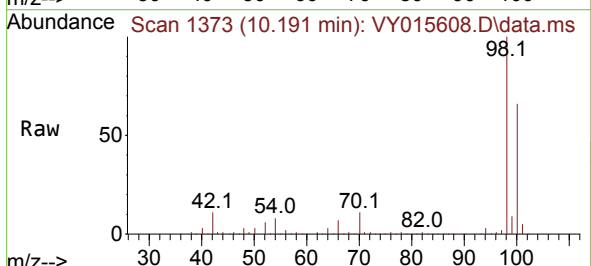
Acq: 16 Sep 2023 07:26

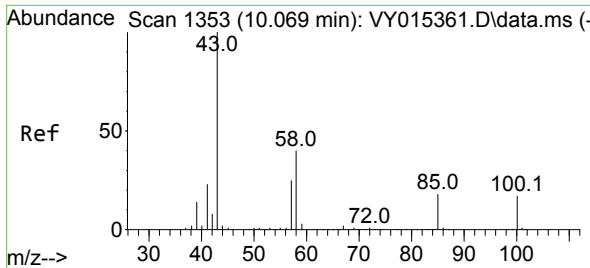
Tgt Ion: 98 Resp: 329767

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

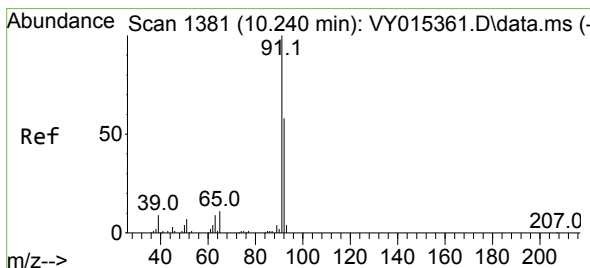
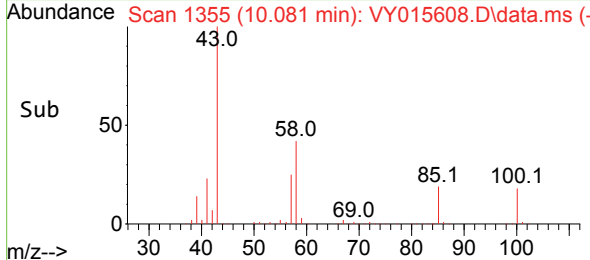
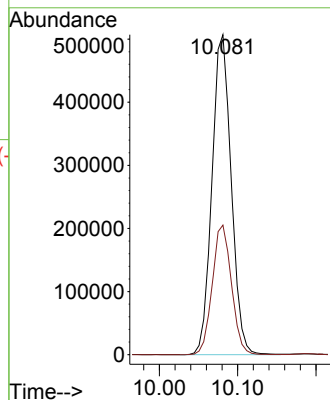
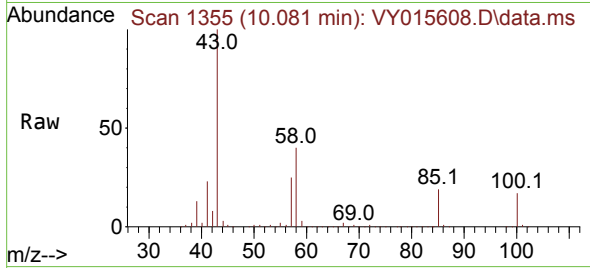




#51
4-Methyl-2-Pentanone
Concen: 316.470 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

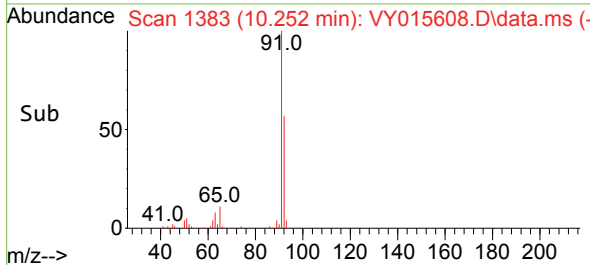
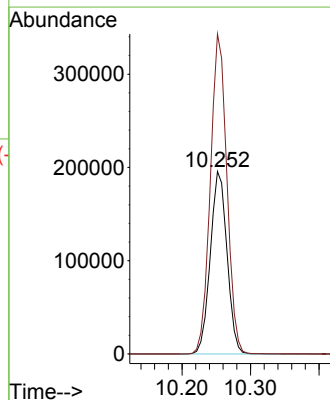
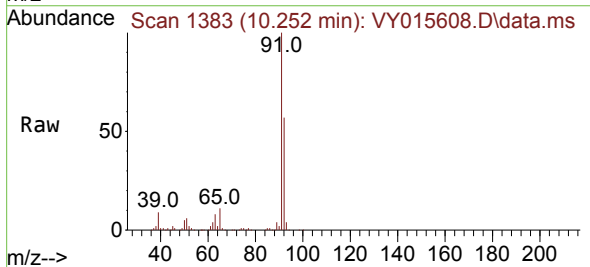
Instrument :
MSVOA_Y
ClientSampleId :

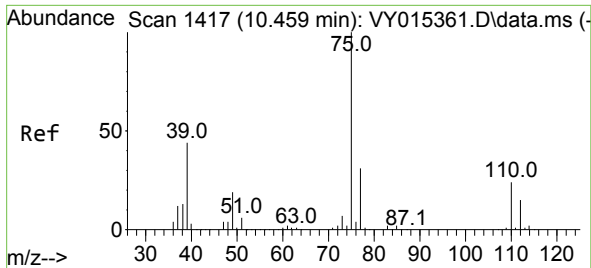
Tgt Ion: 43 Resp: 863801
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6



#52
Toluene
Concen: 52.558 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 92 Resp: 330941
Ion Ratio Lower Upper
92 100
91 173.4 143.8 215.6

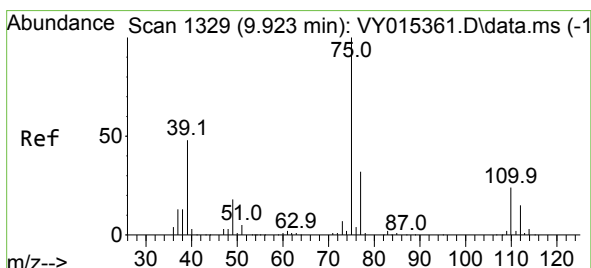
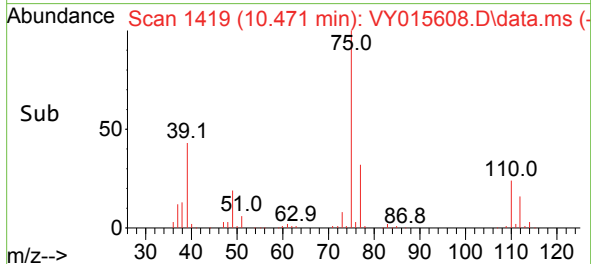
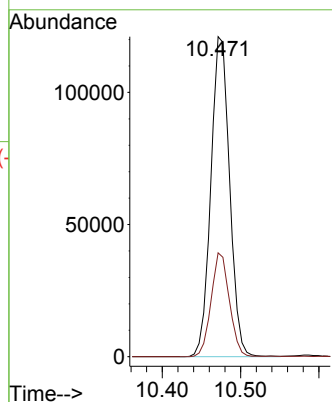
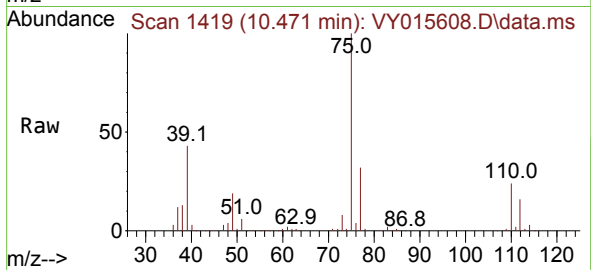




#53
 t-1,3-Dichloropropene
 Concen: 53.862 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

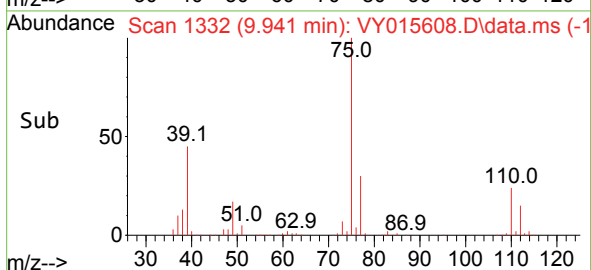
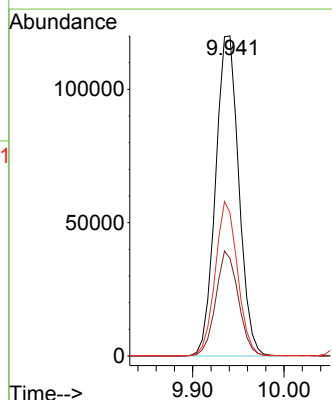
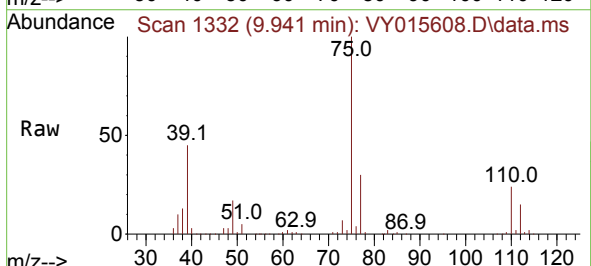
Instrument :
 MSVOA_Y
 ClientSampleId :

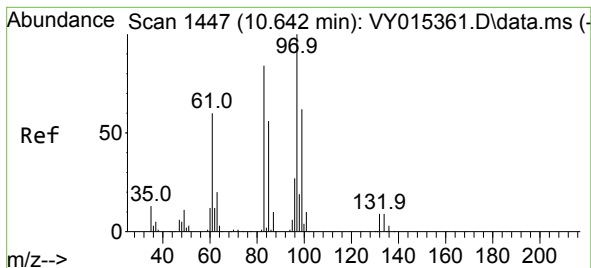
Tgt Ion: 75 Resp: 201380
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.301 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.018 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

Tgt Ion: 75 Resp: 212714
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.2 36.4
 39 44.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 56.234 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 124648

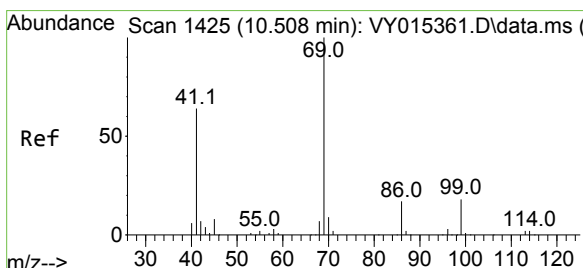
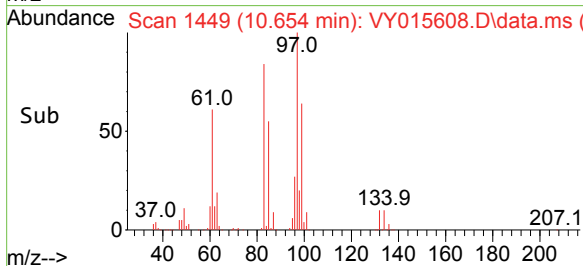
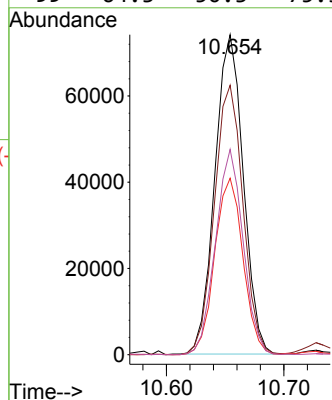
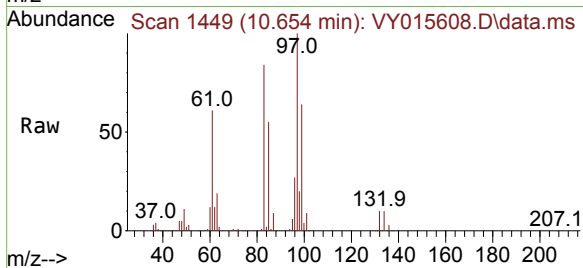
Ion Ratio Lower Upper

97 100

83 84.3 72.0 108.0

85 55.3 45.4 68.0

99 64.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 60.556 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

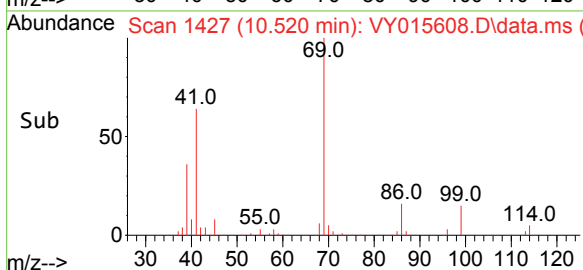
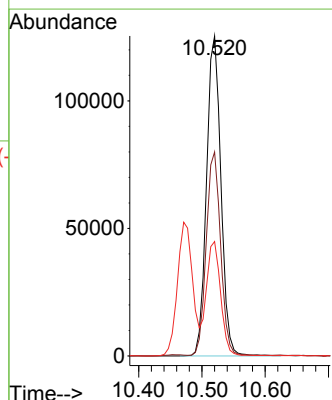
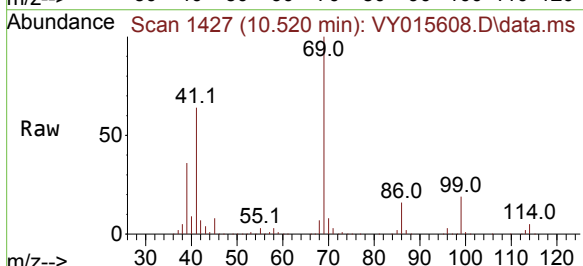
Tgt Ion: 69 Resp: 198911

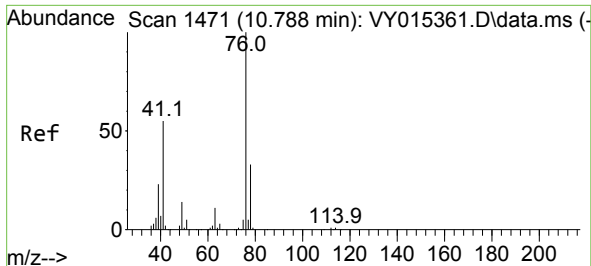
Ion Ratio Lower Upper

69 100

41 63.2 57.6 86.4

39 35.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 55.369 ug/l

RT: 10.800 min Scan# 1471

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

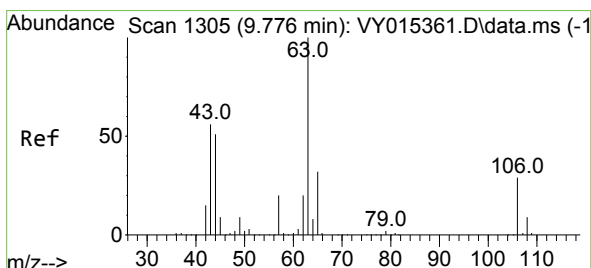
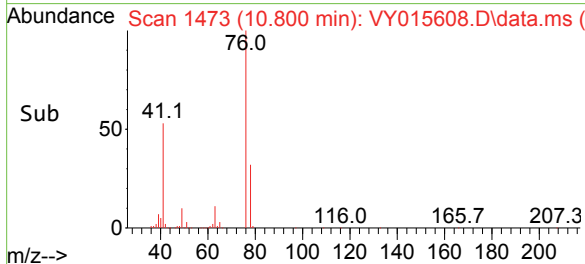
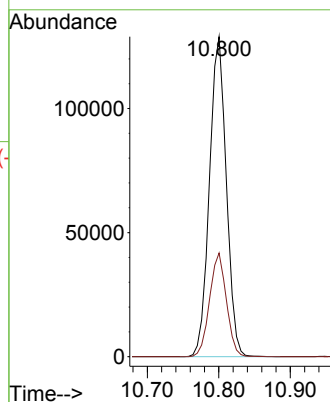
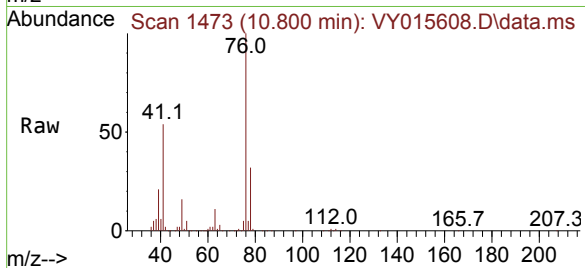
ClientSampleId :

Tgt Ion: 76 Resp: 211266

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 238.573 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015608.D

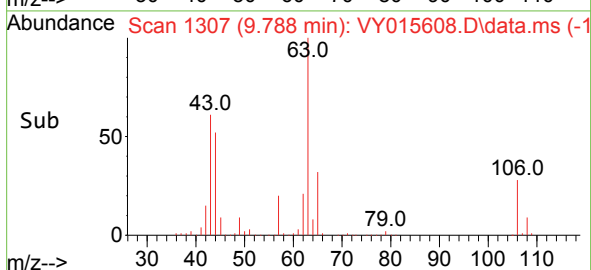
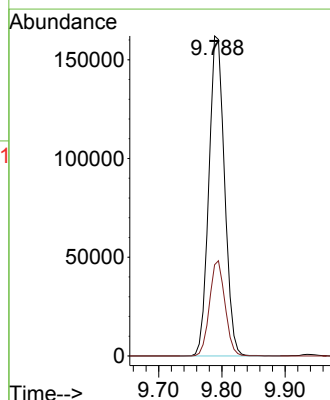
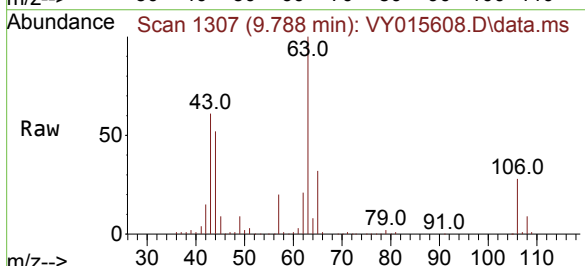
Acq: 16 Sep 2023 07:26

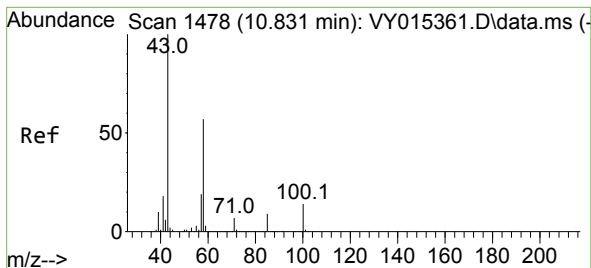
Tgt Ion: 63 Resp: 279715

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

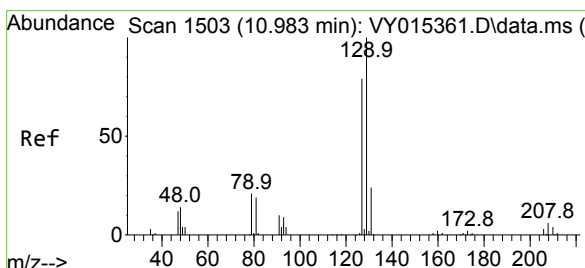
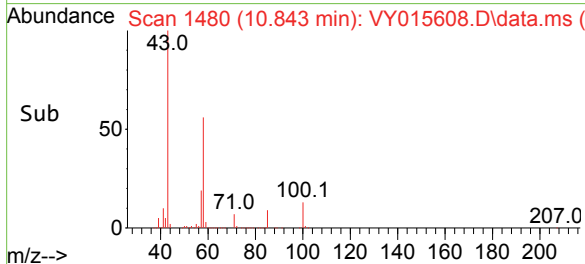
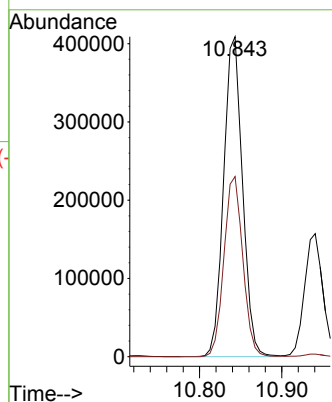
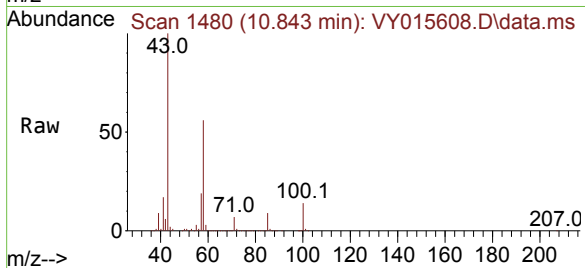




#59
2-Hexanone
Concen: 318.345 ug/l
RT: 10.843 min Scan# 1478
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

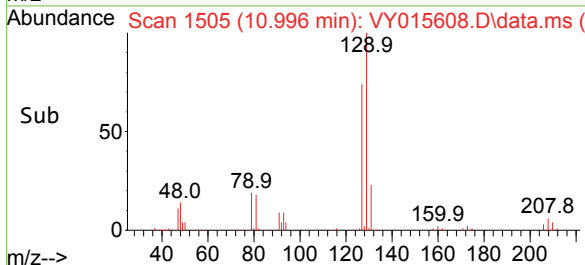
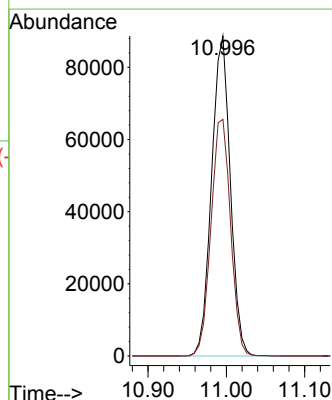
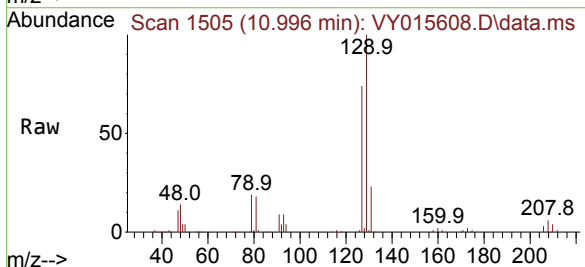
Instrument :
MSVOA_Y
ClientSampleId :

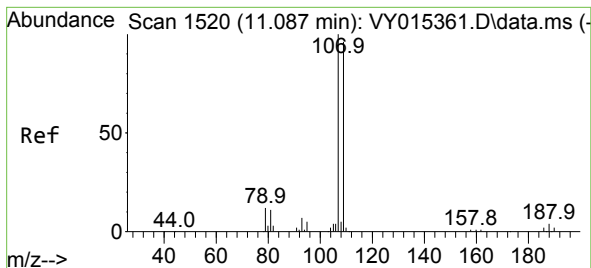
Tgt Ion: 43 Resp: 651993
Ion Ratio Lower Upper
43 100
58 56.4 25.1 75.3



#60
Dibromochloromethane
Concen: 56.727 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion:129 Resp: 147175
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

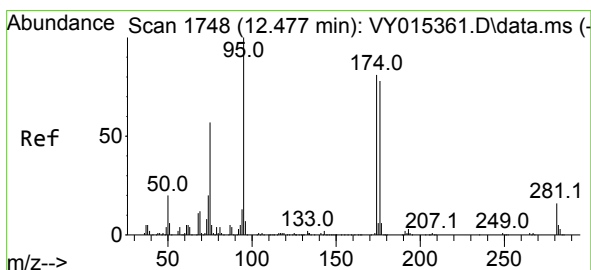
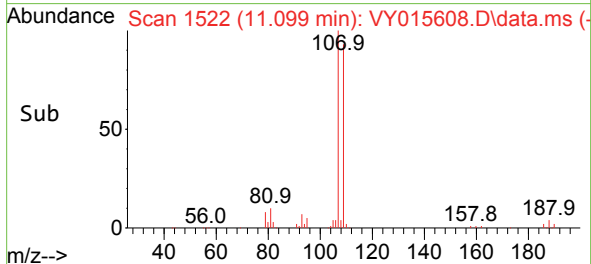
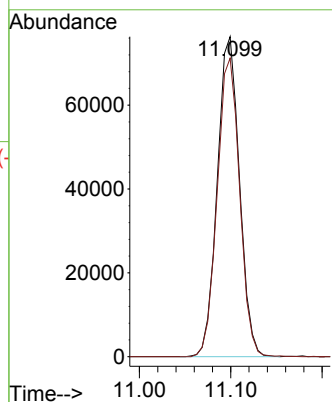
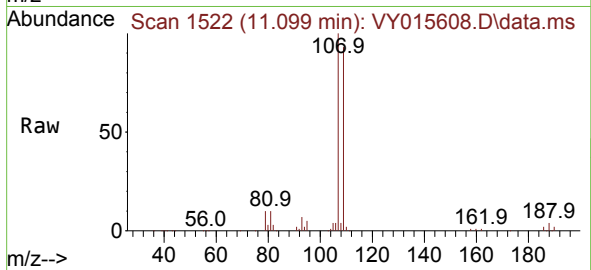




#61
1,2-Dibromoethane
Concen: 57.291 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

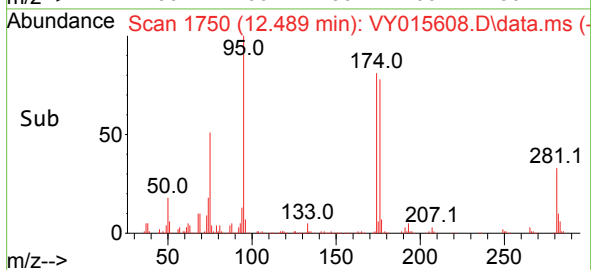
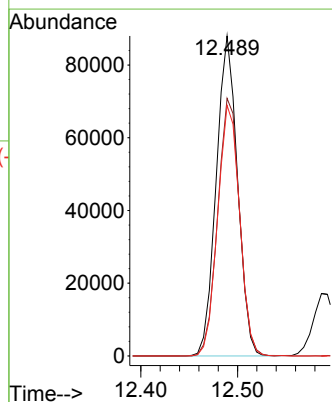
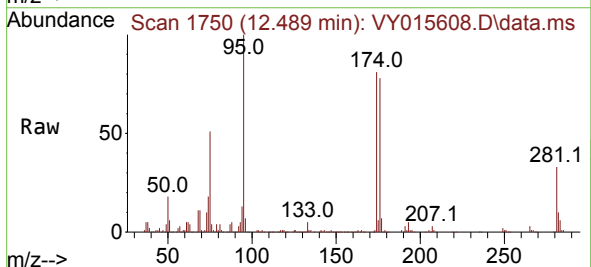
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 128677
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 95 Resp: 134190
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

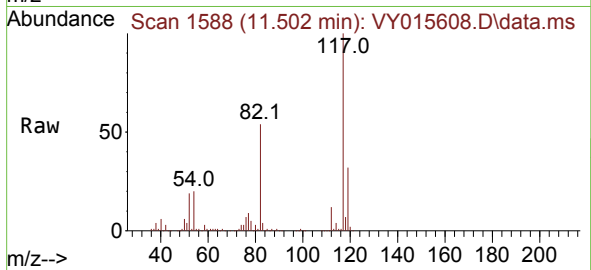
Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :



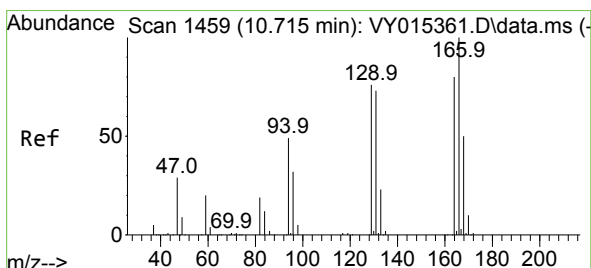
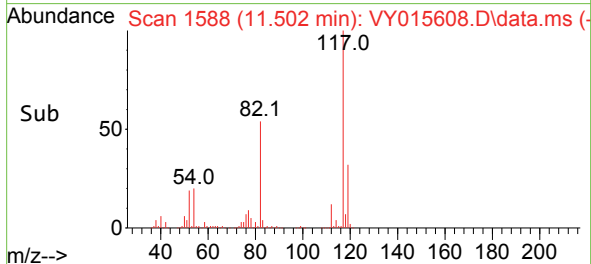
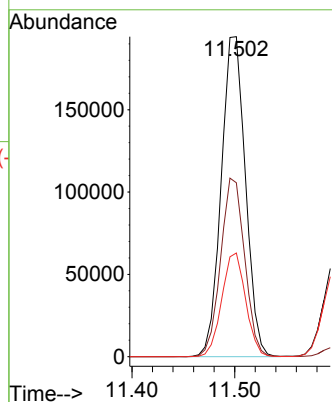
Tgt Ion:117 Resp: 318210

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 57.780 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Tgt Ion:164 Resp: 166884

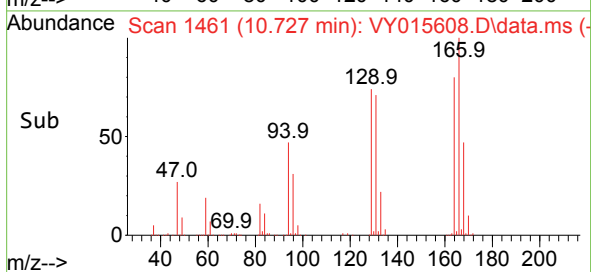
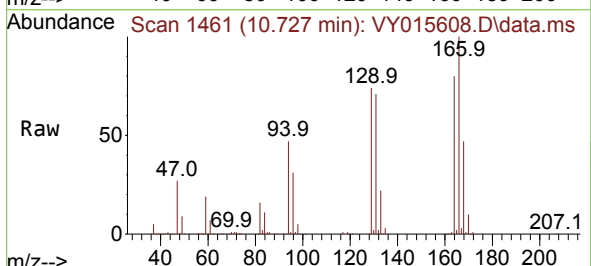
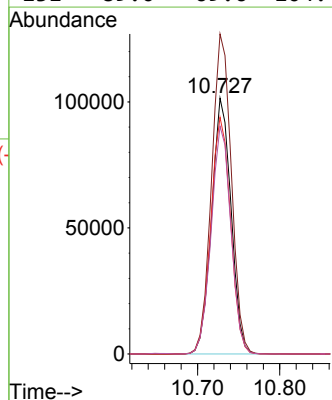
Ion Ratio Lower Upper

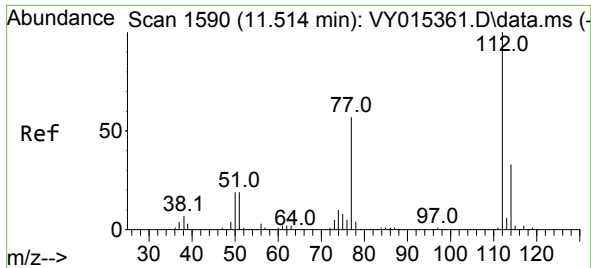
164 100

166 125.1 103.0 154.6

129 92.5 77.2 115.8

131 89.0 69.6 104.4

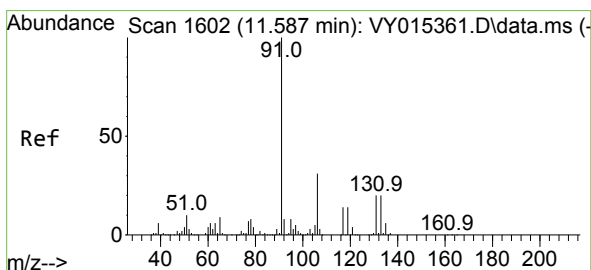
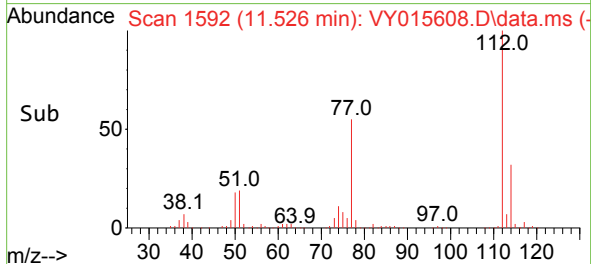
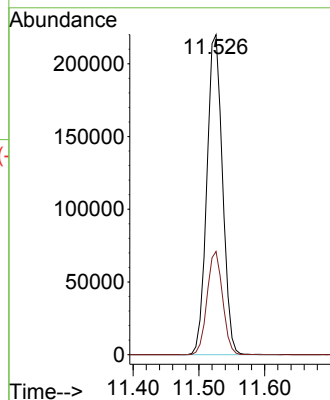
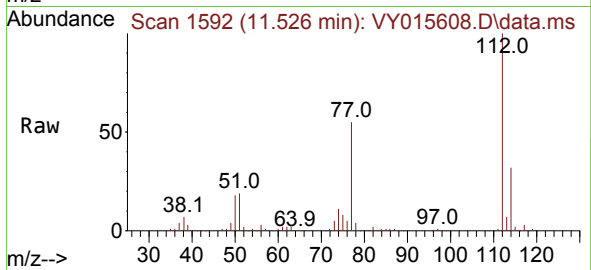




#65
Chlorobenzene
Concen: 53.034 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

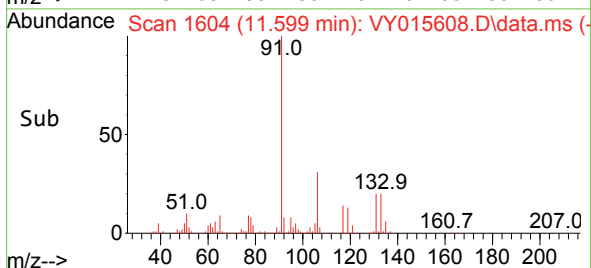
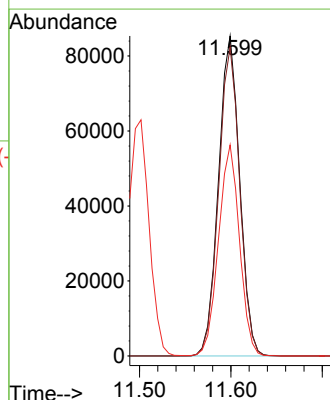
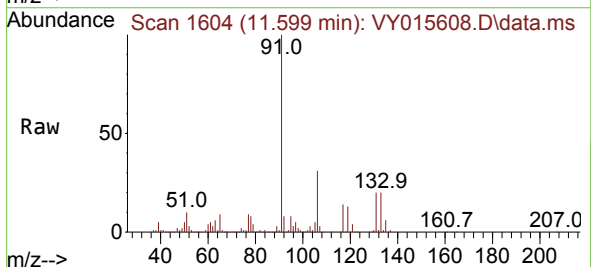
Instrument :
MSVOA_Y
ClientSampleId :

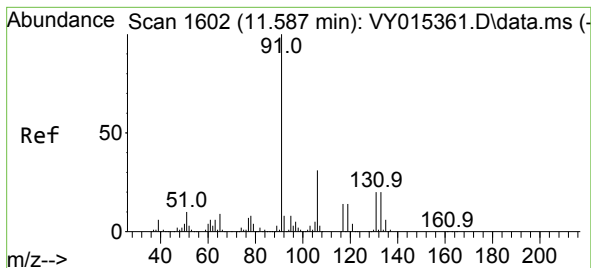
Tgt Ion:112 Resp: 363652
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.881 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion:131 Resp: 137740
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 51.868 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

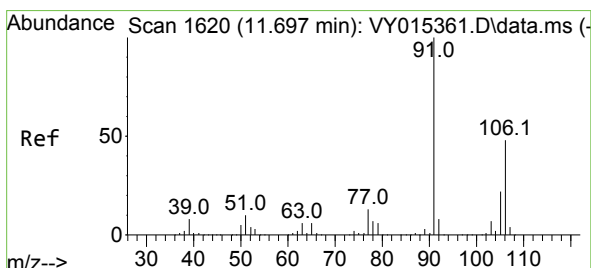
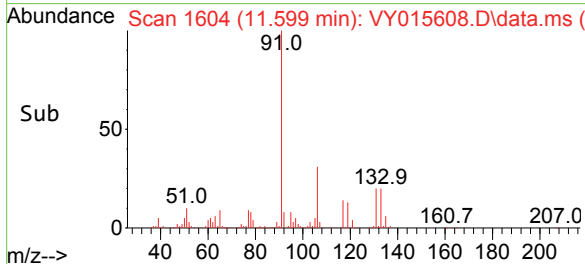
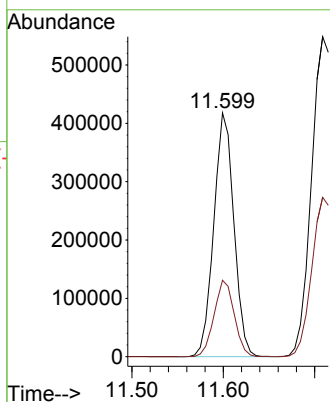
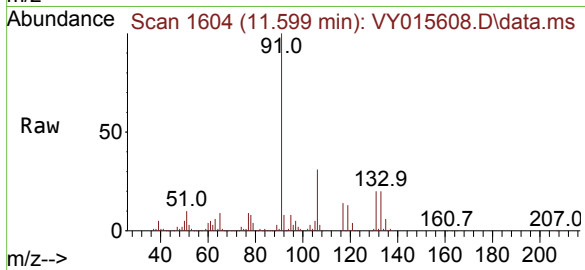
ClientSampleId :

Tgt Ion: 91 Resp: 638632

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 104.600 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015608.D

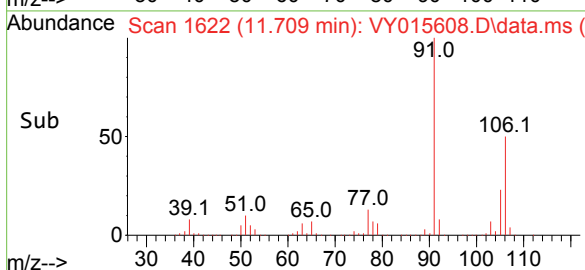
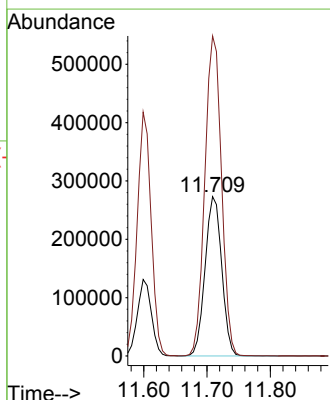
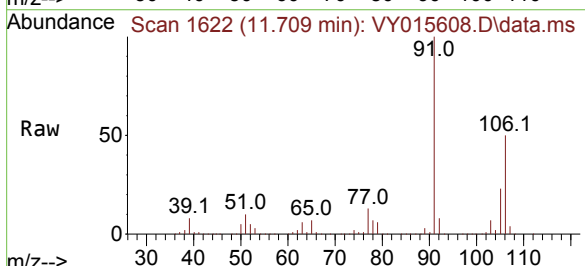
Acq: 16 Sep 2023 07:26

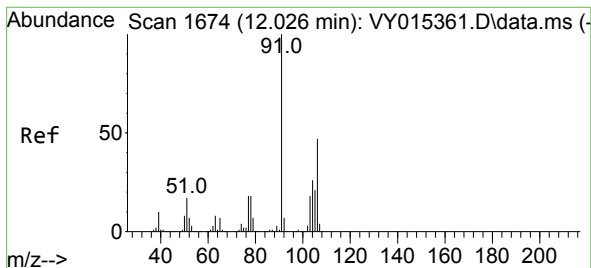
Tgt Ion:106 Resp: 499216

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1





#69

o-Xylene

Concen: 53.490 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

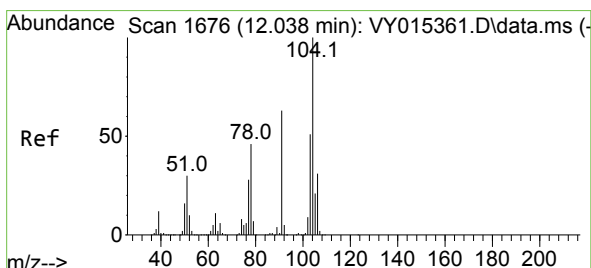
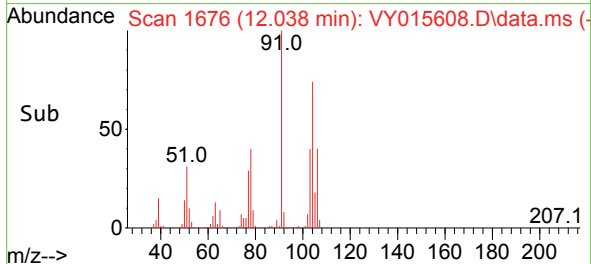
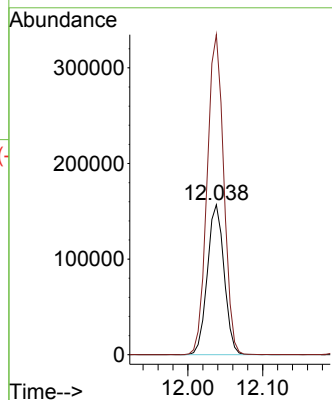
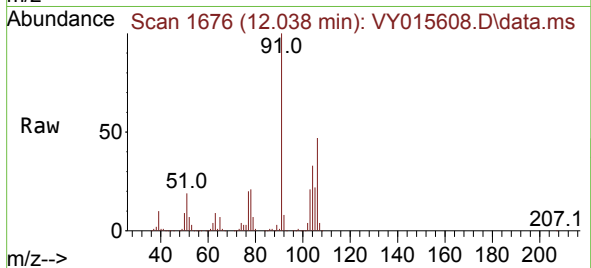
ClientSampleId :

Tgt Ion:106 Resp: 243977

Ion Ratio Lower Upper

106 100

91 212.1 108.1 324.3



#70

Styrene

Concen: 54.470 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

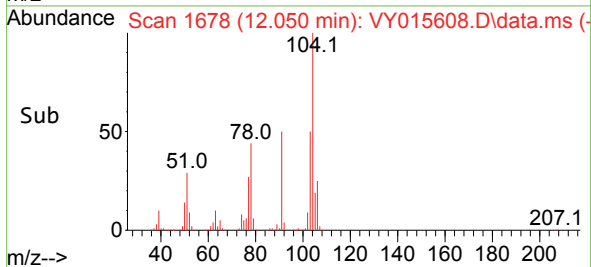
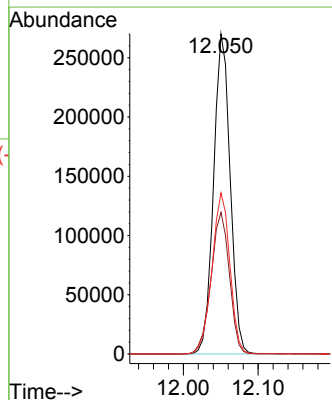
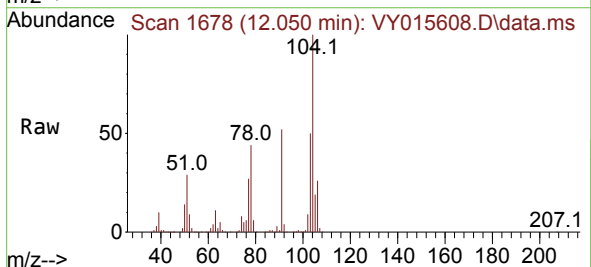
Tgt Ion:104 Resp: 417739

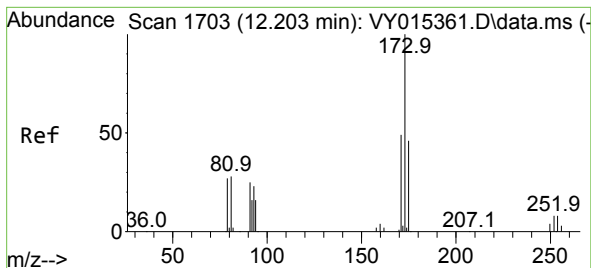
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 59.789 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

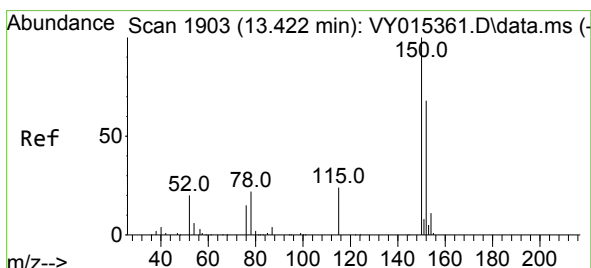
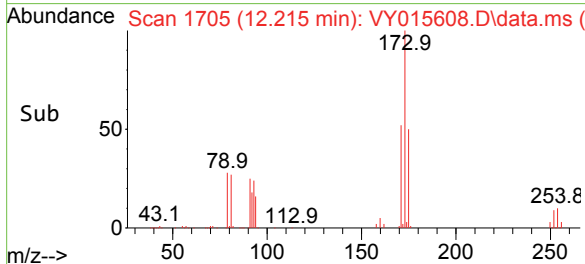
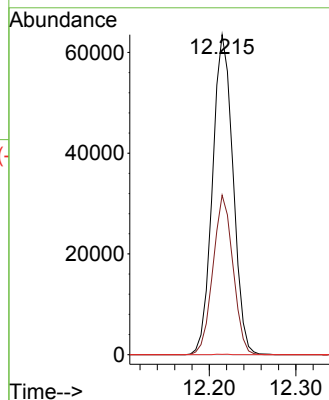
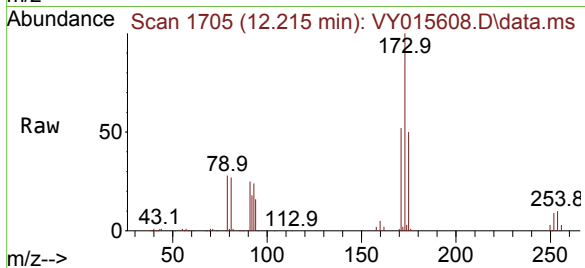
Tgt Ion:173 Resp: 104675

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

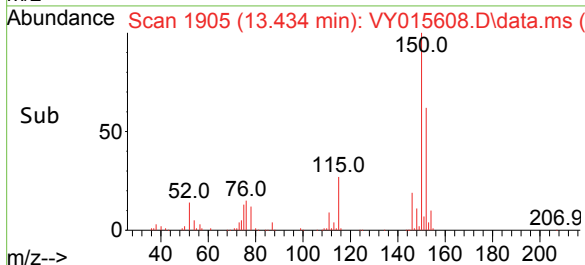
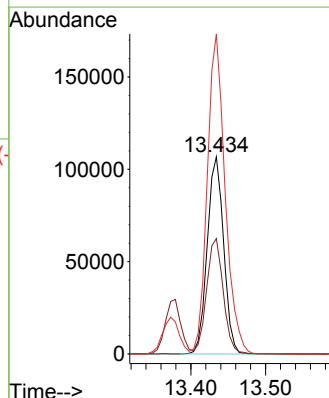
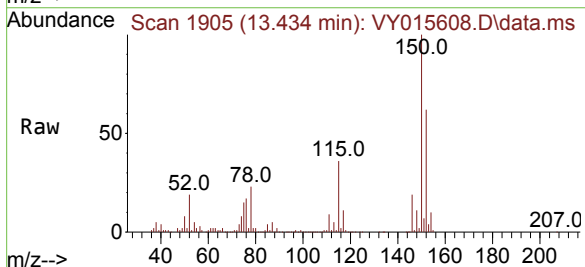
Tgt Ion:152 Resp: 162843

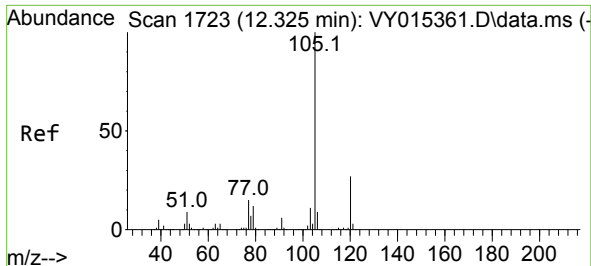
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 175.9 0.0 348.8

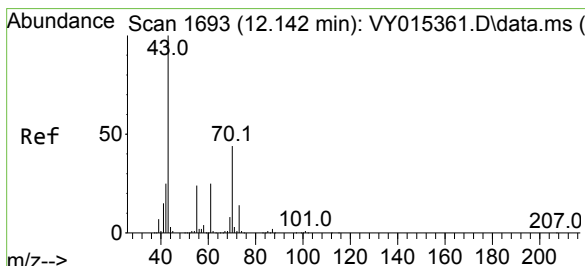
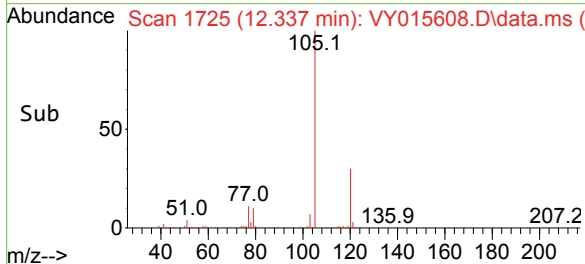
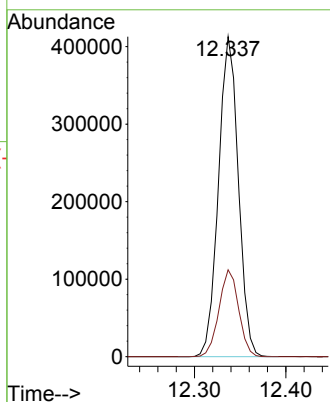
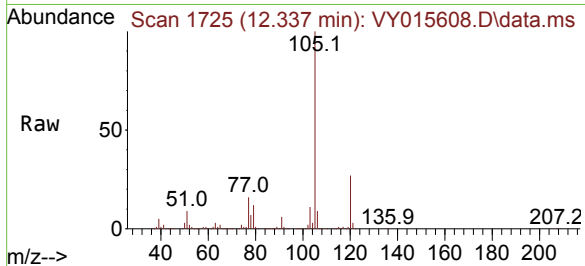




#73
Isopropylbenzene
Concen: 50.997 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

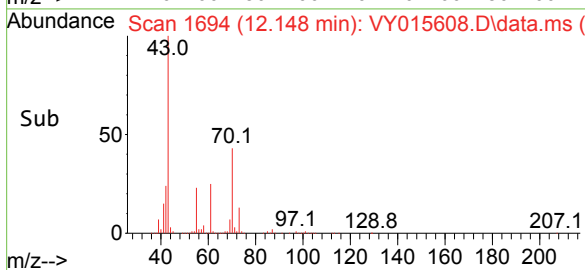
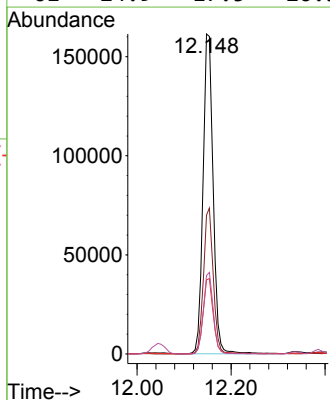
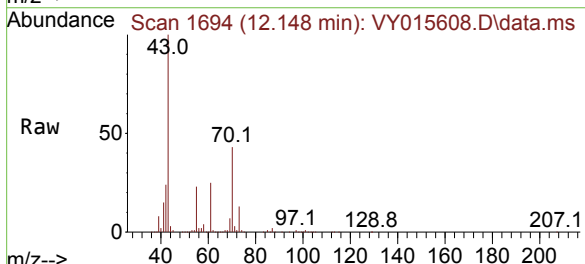
Instrument :
MSVOA_Y
ClientSampleId :

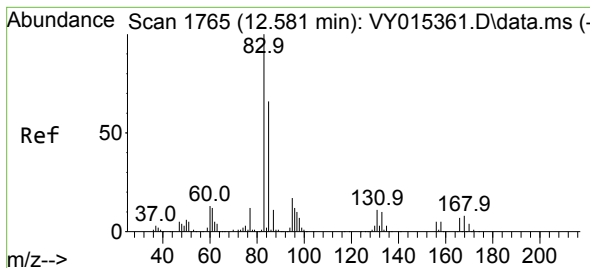
Tgt Ion:105 Resp: 623784
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 58.570 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 43 Resp: 240685
Ion Ratio Lower Upper
43 100
70 44.4 29.7 44.5
55 23.9 18.3 27.5
61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 56.876 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

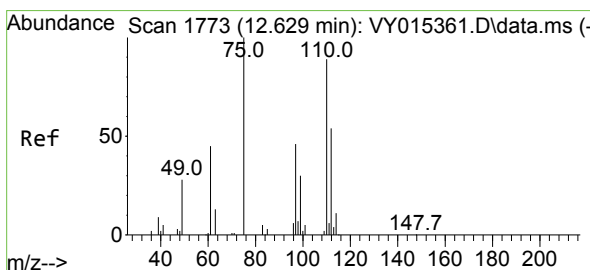
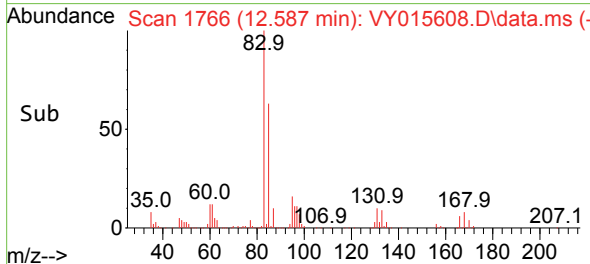
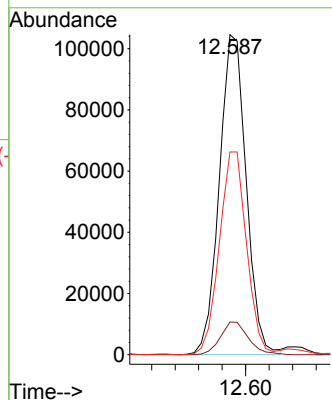
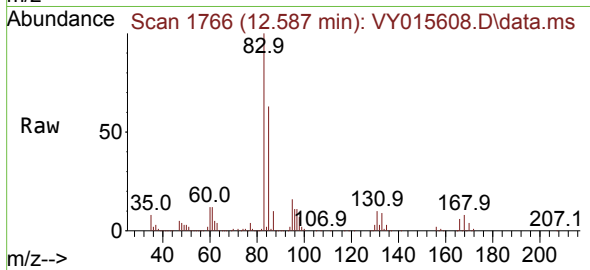
Tgt Ion: 83 Resp: 166075

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 103.079 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY015608.D

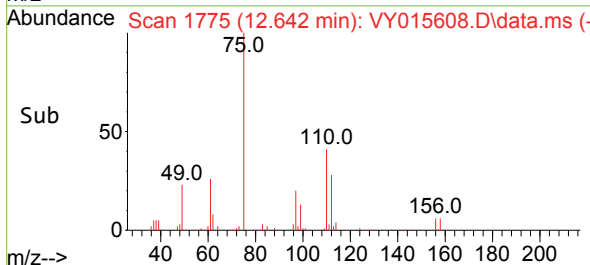
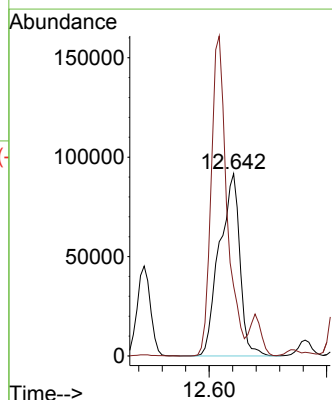
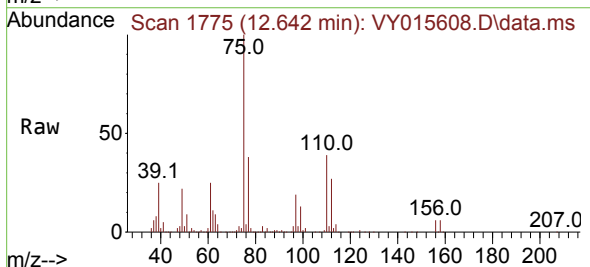
Acq: 16 Sep 2023 07:26

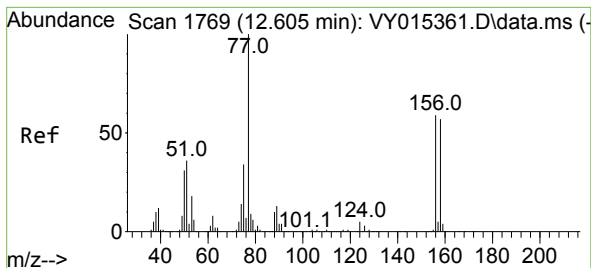
Tgt Ion: 75 Resp: 222596

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.186 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

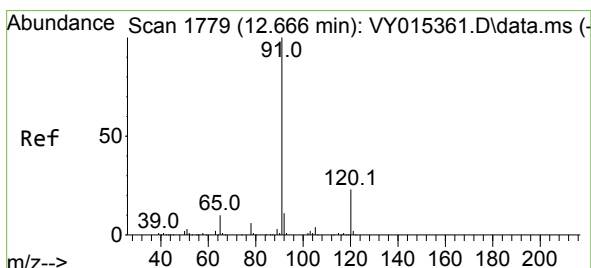
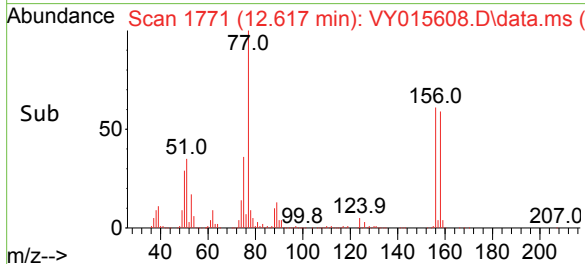
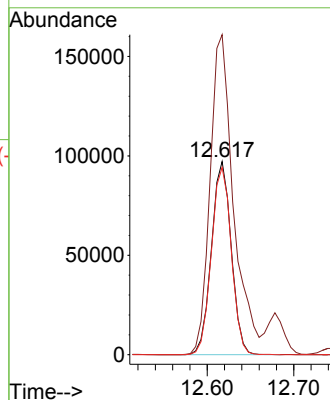
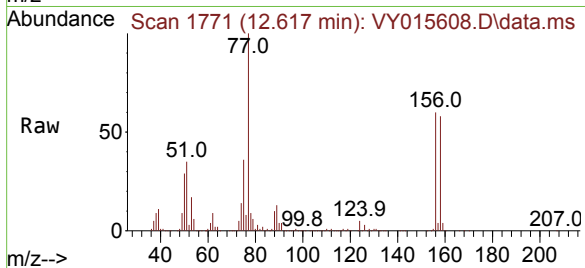
Tgt Ion:156 Resp: 154079

Ion Ratio Lower Upper

156 100

77 195.6 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 50.201 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015608.D

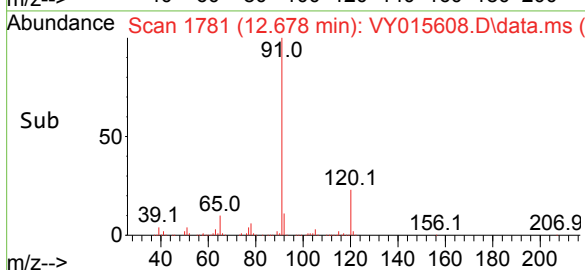
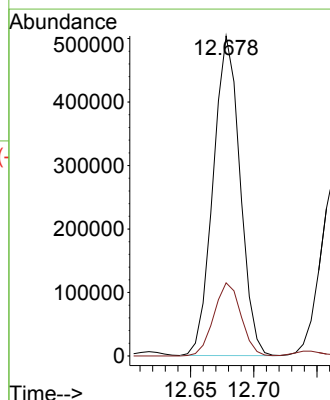
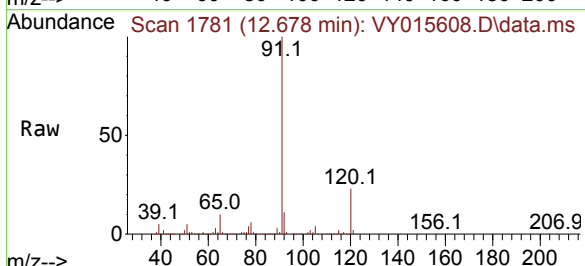
Acq: 16 Sep 2023 07:26

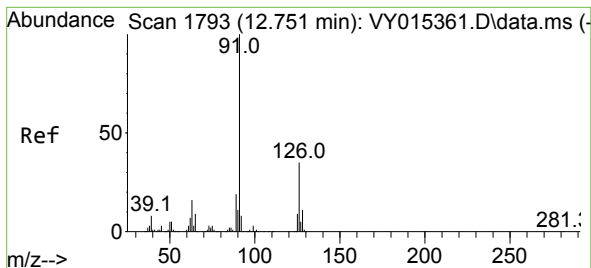
Tgt Ion: 91 Resp: 743008

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

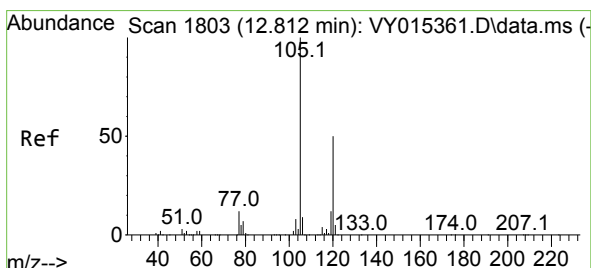
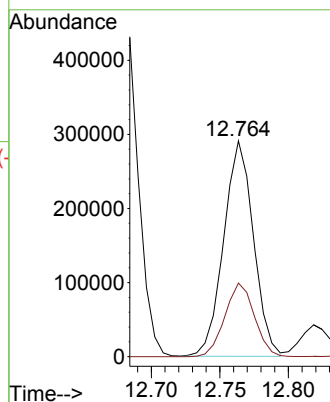
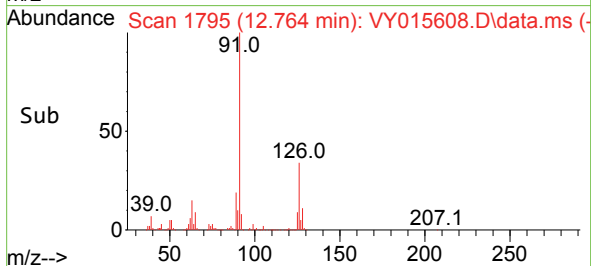
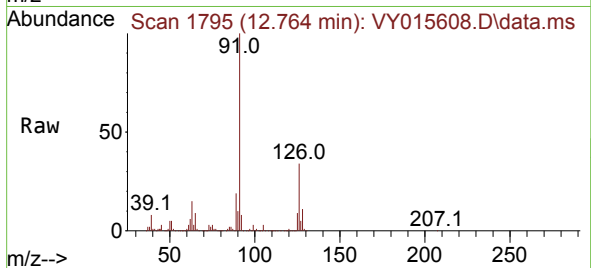




#79
2-Chlorotoluene
Concen: 52.927 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

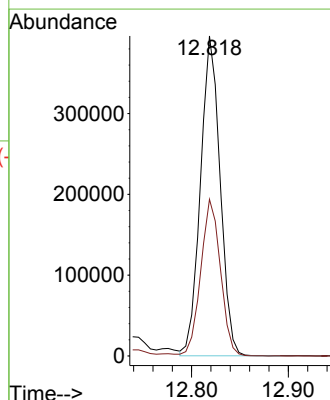
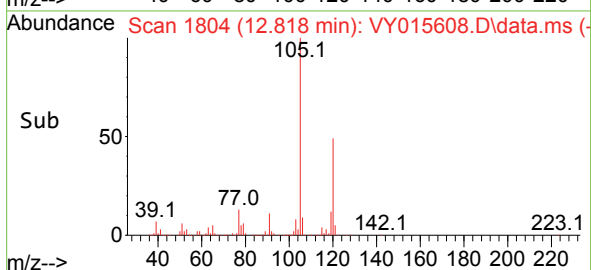
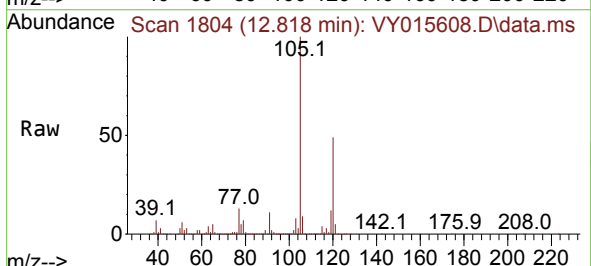
Instrument :
MSVOA_Y
ClientSampleId :

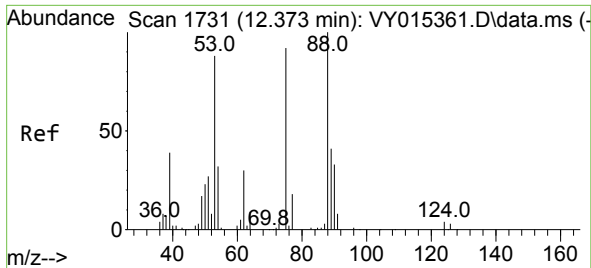
Tgt Ion: 91 Resp: 439372
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 54.719 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015608.D
Acq: 16 Sep 2023 07:26

Tgt Ion: 105 Resp: 559826
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

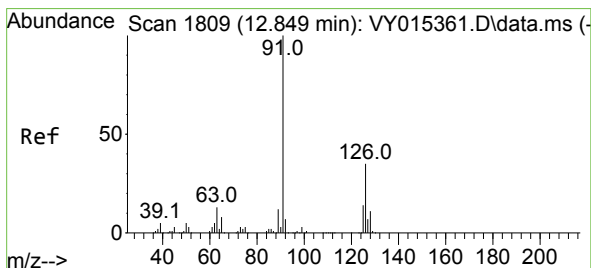
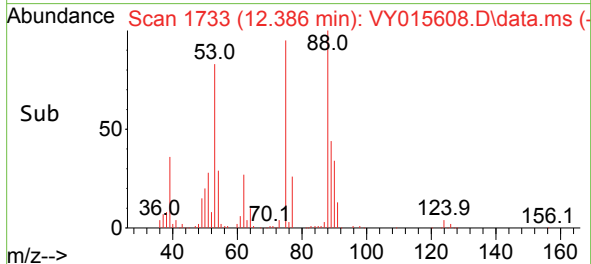
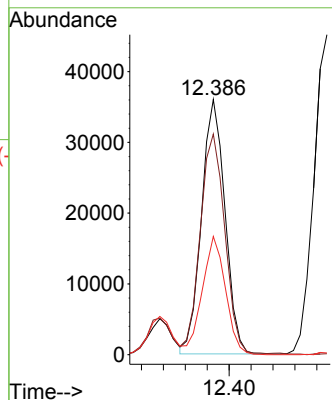
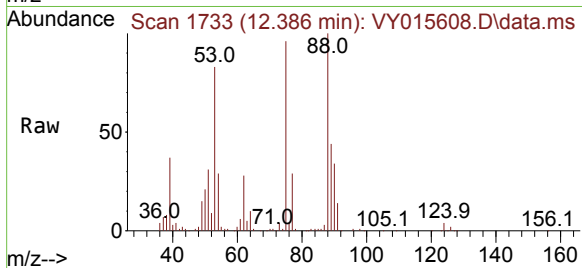




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.624 ug/l
 RT: 12.386 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

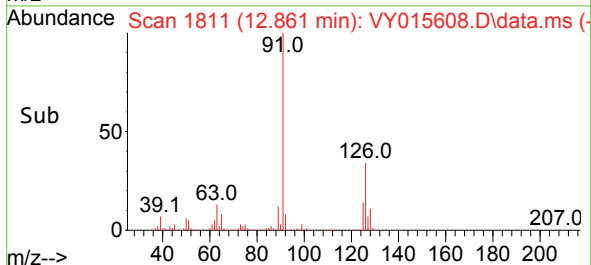
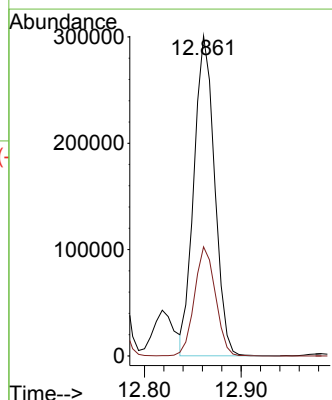
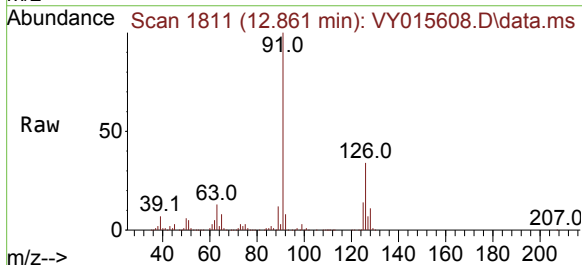
Instrument :
 MSVOA_Y
 ClientSampleId :

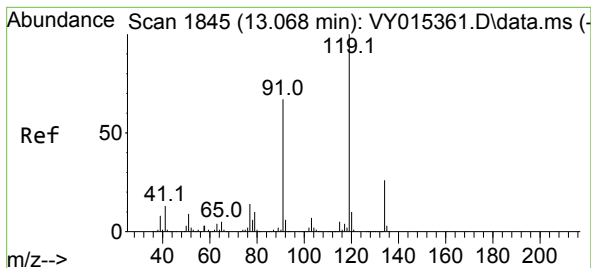
Tgt Ion: 75 Resp: 53474
 Ion Ratio Lower Upper
 75 100
 53 90.3 77.8 116.8
 89 46.3 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 51.681 ug/l
 RT: 12.861 min Scan# 1811
 Delta R.T. 0.012 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

Tgt Ion: 91 Resp: 445891
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.399 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

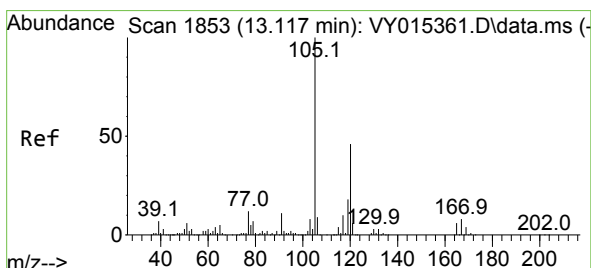
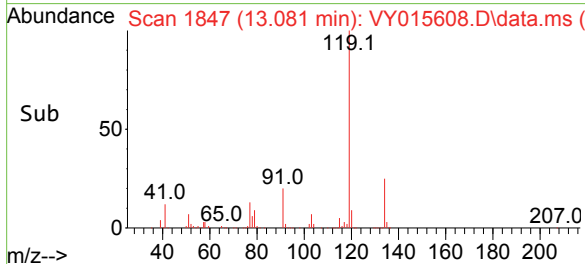
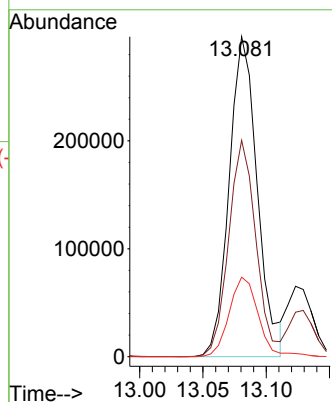
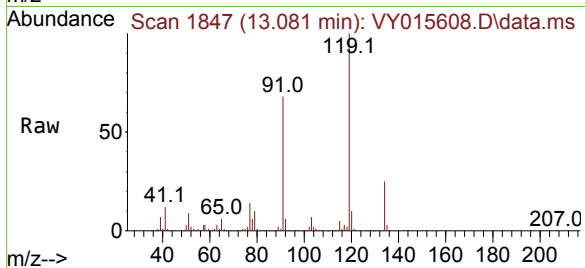
Tgt Ion:119 Resp: 460588

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 59.888 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY015608.D

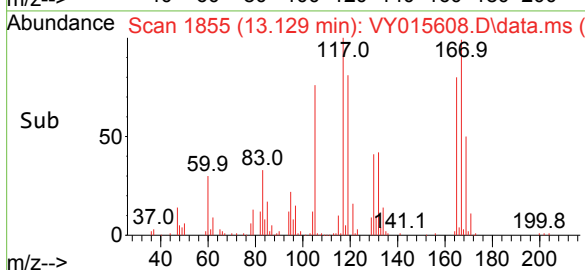
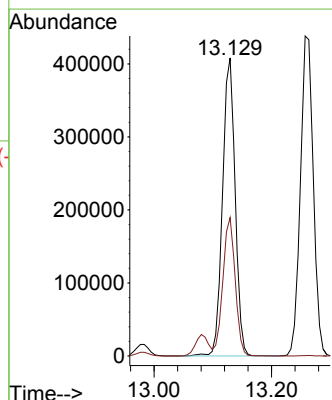
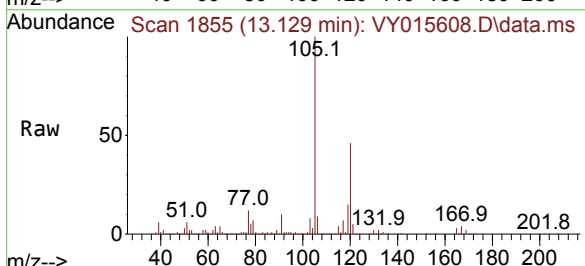
Acq: 16 Sep 2023 07:26

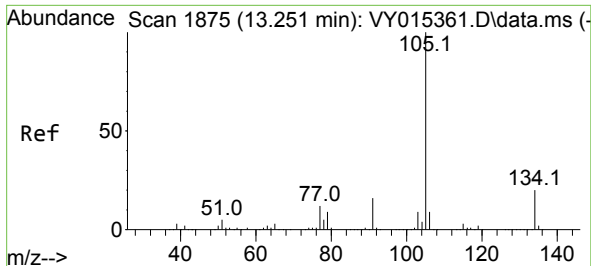
Tgt Ion:105 Resp: 608350

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

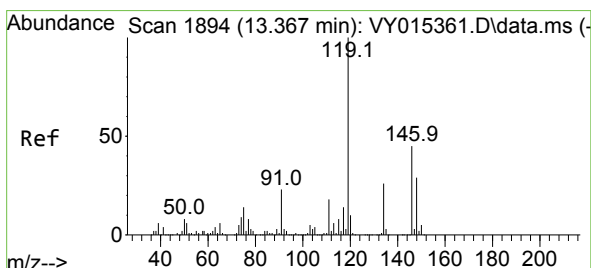
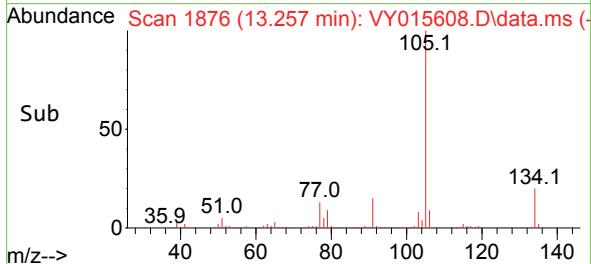
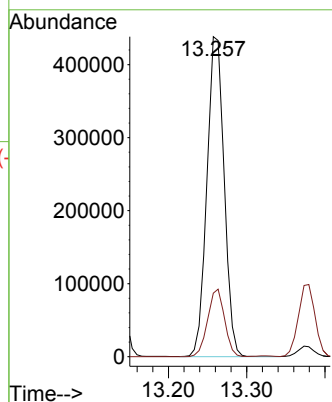
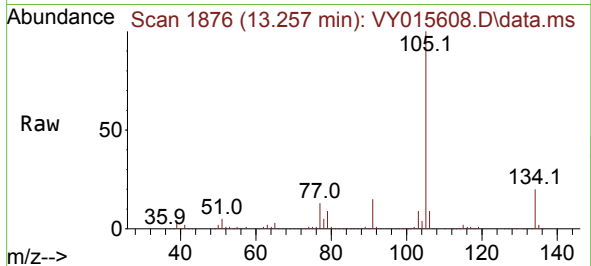




#85
 sec-Butylbenzene
 Concen: 50.077 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

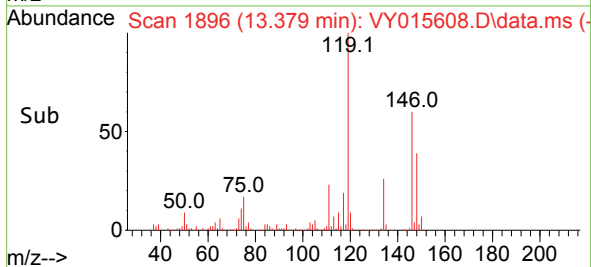
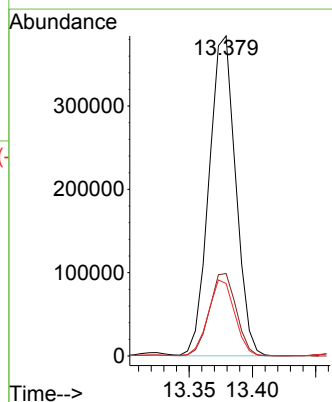
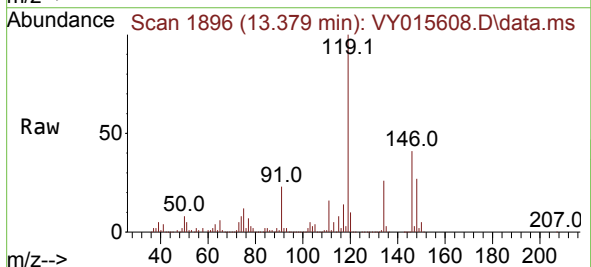
Instrument :
 MSVOA_Y
 ClientSampleId :

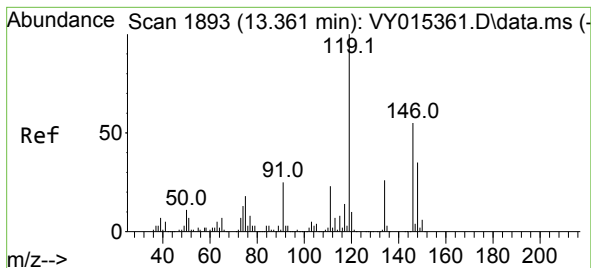
Tgt Ion:105 Resp: 669312
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.212 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.012 min
 Lab File: VY015608.D
 Acq: 16 Sep 2023 07:26

Tgt Ion:119 Resp: 562482
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.471 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

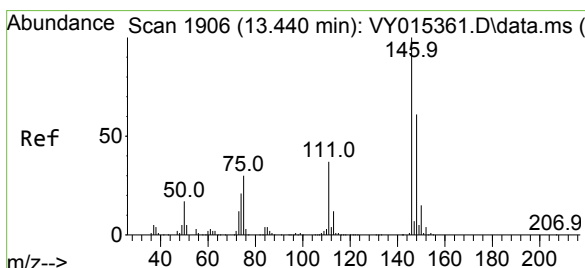
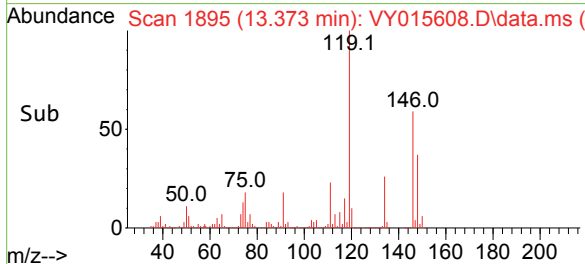
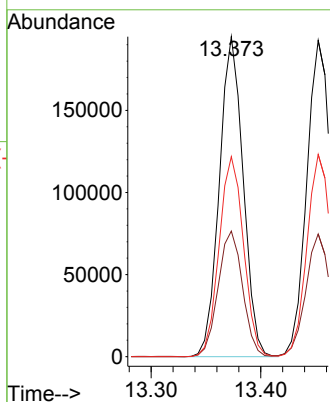
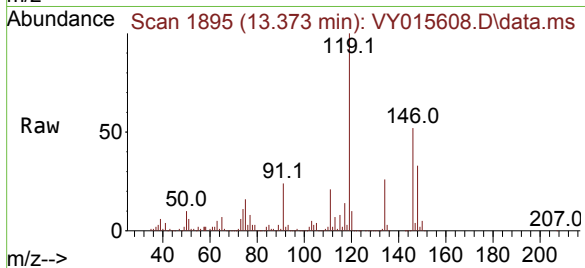
Tgt Ion:146 Resp: 294379

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.506 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

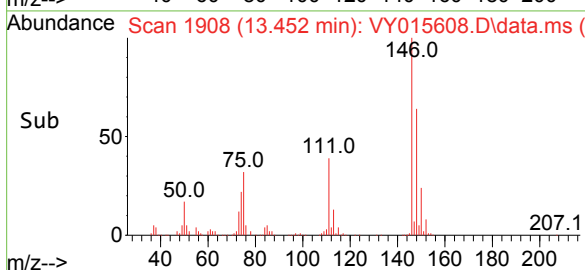
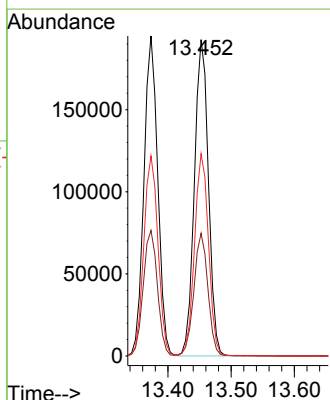
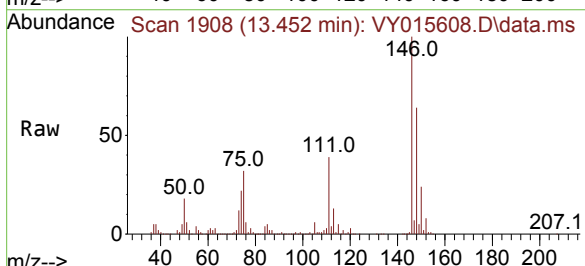
Tgt Ion:146 Resp: 297773

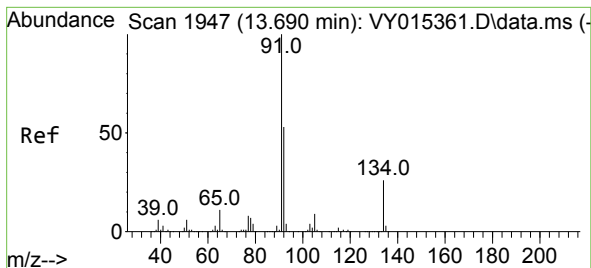
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 49.800 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

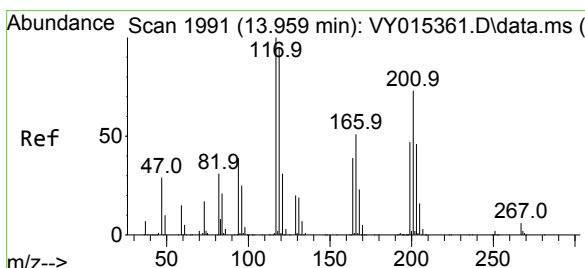
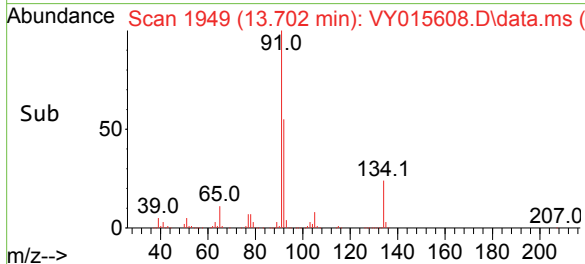
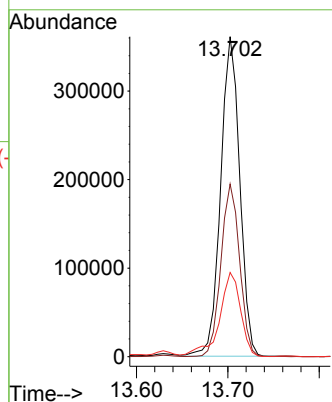
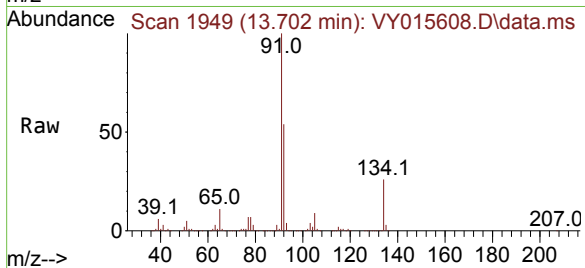
Tgt Ion: 91 Resp: 525068

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 29.2 12.6 37.6



#90

Hexachloroethane

Concen: 55.609 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015608.D

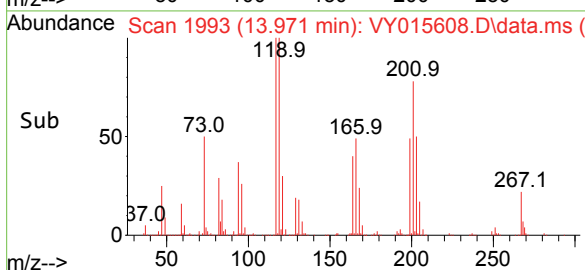
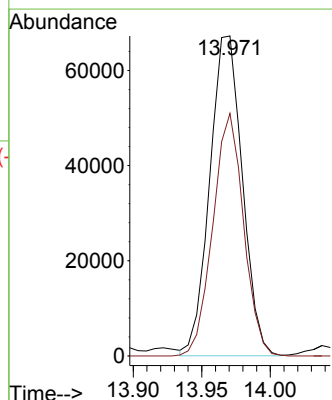
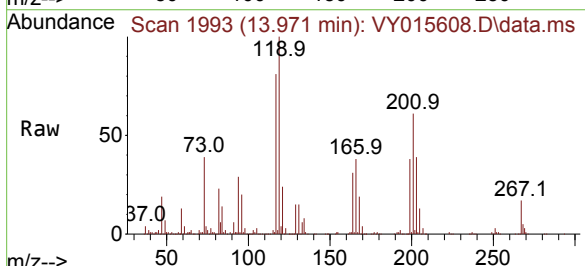
Acq: 16 Sep 2023 07:26

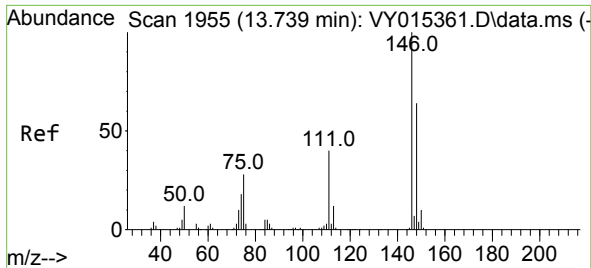
Tgt Ion: 117 Resp: 111411

Ion Ratio Lower Upper

117 100

201 71.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.616 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

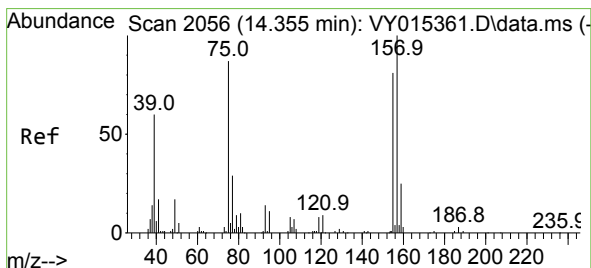
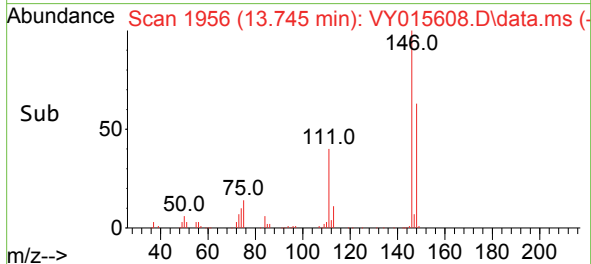
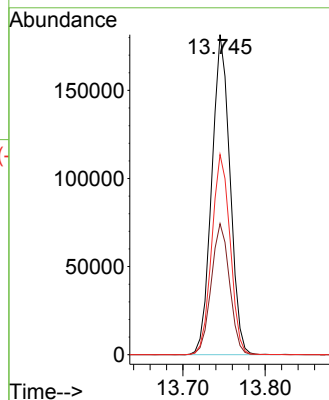
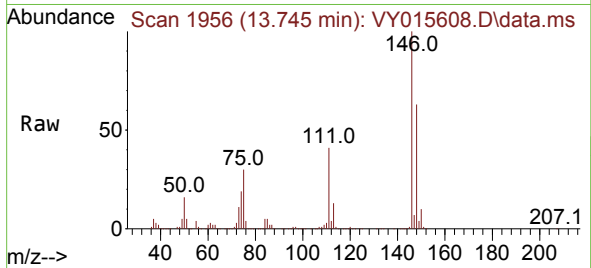
Tgt Ion:146 Resp: 279839

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.563 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

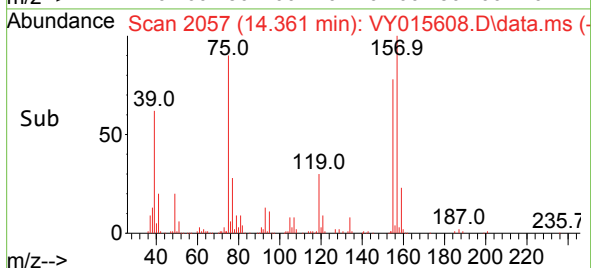
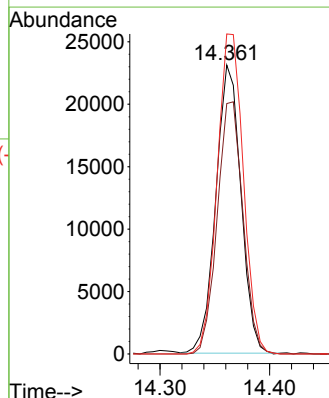
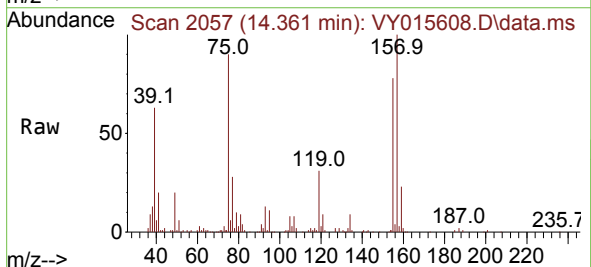
Tgt Ion: 75 Resp: 36715

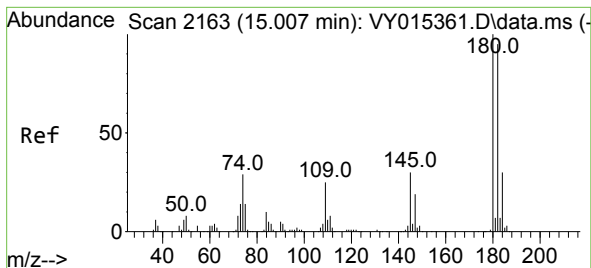
Ion Ratio Lower Upper

75 100

155 89.5 41.5 124.6

157 116.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.494 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

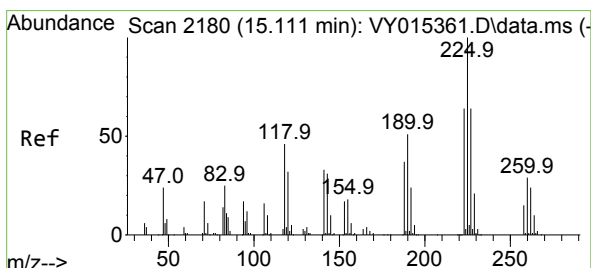
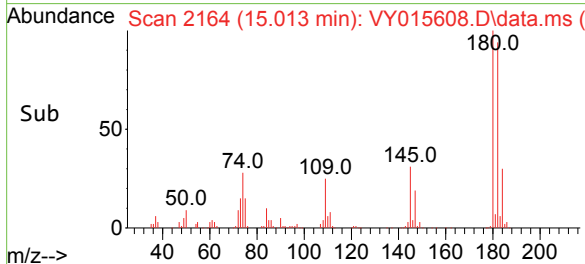
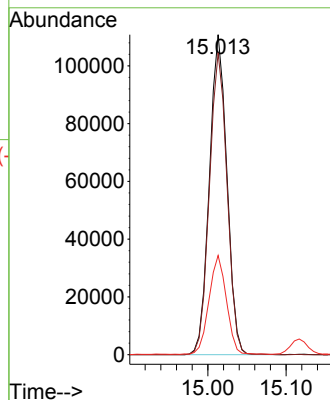
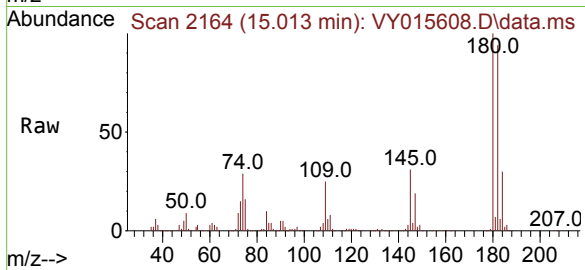
Tgt Ion:180 Resp: 172066

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.894 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

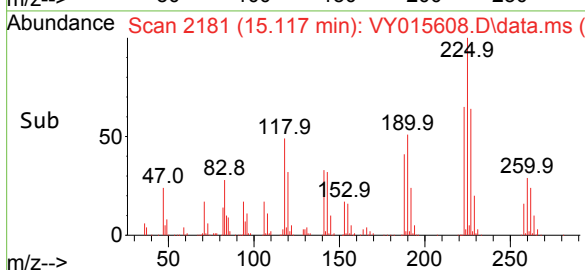
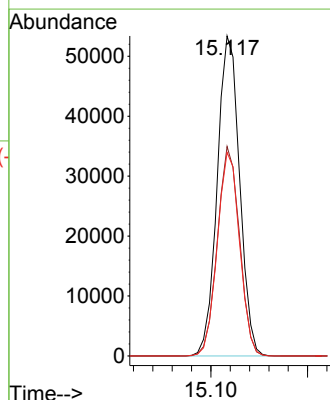
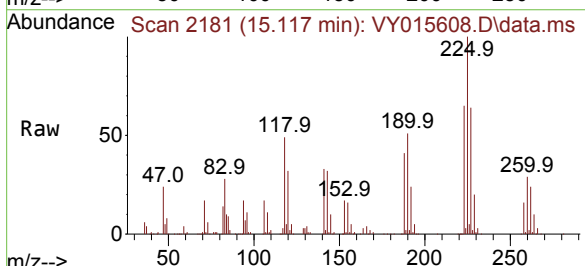
Tgt Ion:225 Resp: 85603

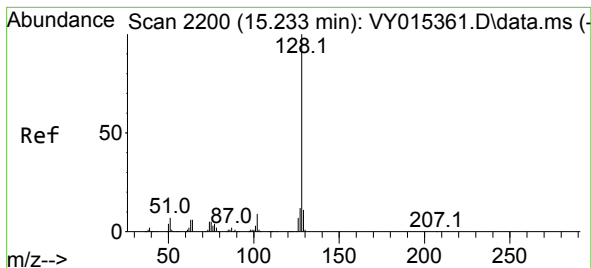
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 64.291 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Instrument :

MSVOA_Y

ClientSampleId :

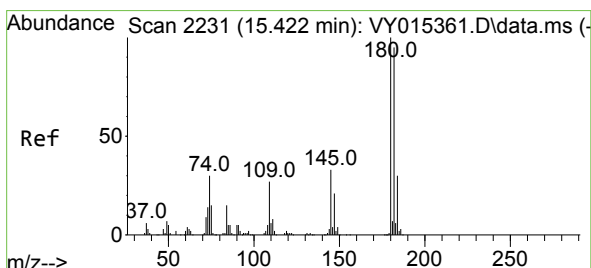
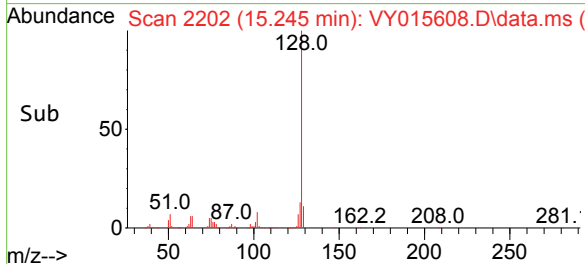
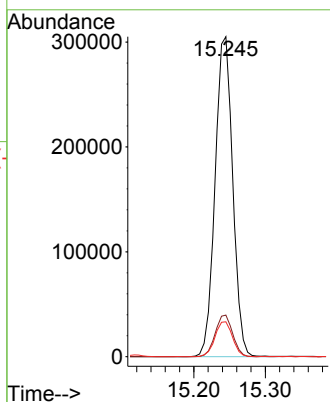
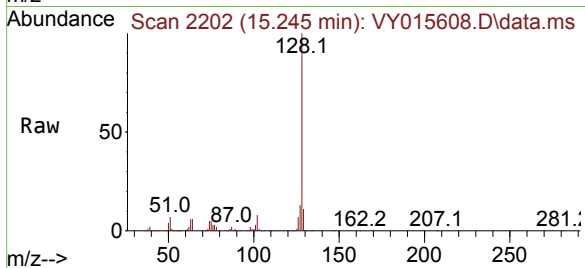
Tgt Ion:128 Resp: 522011

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.916 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015608.D

Acq: 16 Sep 2023 07:26

Tgt Ion:180 Resp: 164189

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 33.3 15.4 46.2

