

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015019.D
 Acq On : 10 Aug 2023 11:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 10 14:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	315329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	520595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	482317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	245403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	205214	53.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.716	113	186564	56.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.080%	
50) Toluene-d8	10.179	98	677162	53.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.477	95	257358	57.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	69547	38.950	ug/l	98
3) Chloromethane	2.113	50	109617	44.172	ug/l	97
4) Vinyl Chloride	2.247	62	131858	43.121	ug/l	95
5) Bromomethane	2.643	94	104092	53.463	ug/l	97
6) Chloroethane	2.784	64	99709	47.226	ug/l	100
7) Trichlorofluoromethane	3.119	101	207629	42.967	ug/l	100
8) Diethyl Ether	3.527	74	83108	46.608	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	120274	42.046	ug/l	98
10) Methyl Iodide	4.088	142	154081	52.098	ug/l	98
11) Tert butyl alcohol	4.954	59	166854	180.895	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	109525	43.943	ug/l	91
13) Acrolein	3.722	56	78533	250.278	ug/l	99
14) Allyl chloride	4.472	41	190823	45.976	ug/l	97
15) Acrylonitrile	5.155	53	255669	234.696	ug/l	98
16) Acetone	3.942	43	301444	252.936	ug/l	93
17) Carbon Disulfide	4.192	76	226236	41.054	ug/l	100
18) Methyl Acetate	4.472	43	207966	47.917	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	455986	48.356	ug/l	98
20) Methylene Chloride	4.710	84	201471	42.537	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	128241	45.139	ug/l	94
22) Diisopropyl ether	6.112	45	458162	47.391	ug/l	94
23) Vinyl Acetate	6.057	43	1342609	231.023	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	255476	46.588	ug/l	96
25) 2-Butanone	6.984	43	398244	233.303	ug/l	97
26) 2,2-Dichloropropane	6.978	77	249046	44.884	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	171331	47.654	ug/l	95
28) Bromochloromethane	7.332	49	122107	49.396	ug/l	89
29) Tetrahydrofuran	7.344	42	229194	228.963	ug/l	90
30) Chloroform	7.502	83	286302	48.062	ug/l	95
31) Cyclohexane	7.783	56	169213	42.256	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	246106	46.880	ug/l	98
36) 1,1-Dichloropropene	7.917	75	181042	43.803	ug/l	99
37) Ethyl Acetate	7.069	43	152548	46.498	ug/l #	95
38) Carbon Tetrachloride	7.899	117	213405	45.928	ug/l	97
39) Methylcyclohexane	9.179	83	202395	41.178	ug/l	93
40) Benzene	8.155	78	553954	45.516	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	216877	136.029	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	199071	46.990	ug/l	96
43) Isopropyl Acetate	8.270	43	283909	46.578	ug/l	97
44) Trichloroethene	8.935	130	164240	47.031	ug/l	96
45) 1,2-Dichloropropane	9.209	63	151017	46.689	ug/l	97
46) Dibromomethane	9.301	93	98431	47.239	ug/l	99
47) Bromodichloromethane	9.496	83	231808	48.311	ug/l	98
48) Methyl methacrylate	9.289	41	124972	46.730	ug/l	93
49) 1,4-Dioxane	9.295	88	35873	925.587	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	806563	234.811	ug/l	94
52) Toluene	10.240	92	367753	46.956	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	251395	50.311	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	260776	48.304	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	148289	48.966	ug/l	97
56) Ethyl methacrylate	10.508	69	219021	50.508	ug/l	90
57) 1,3-Dichloropropane	10.788	76	244711	48.840	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	471864	230.136	ug/l	92
59) 2-Hexanone	10.831	43	625373	246.458	ug/l	92
60) Dibromochloromethane	10.983	129	185169	51.352	ug/l	99
61) 1,2-Dibromoethane	11.087	107	140701	48.675	ug/l	99
64) Tetrachloroethene	10.715	164	184641	50.892	ug/l	97
65) Chlorobenzene	11.514	112	431826	47.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	177417	49.472	ug/l	100
67) Ethyl Benzene	11.593	91	750310	46.715	ug/l	100
68) m/p-Xylenes	11.703	106	573171	93.285	ug/l	96
69) o-Xylene	12.026	106	288294	47.951	ug/l	97
70) Styrene	12.044	104	495656	48.240	ug/l	98
71) Bromoform	12.209	173	124775	50.478	ug/l #	99
73) Isopropylbenzene	12.325	105	752197	45.598	ug/l	100
74) N-amyl acetate	12.142	43	261335	46.367	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	184717	45.820	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	248259	84.427	ug/l #	100
77) Bromobenzene	12.605	156	189810	47.436	ug/l	100
78) n-propylbenzene	12.666	91	898867	45.557	ug/l	99
79) 2-Chlorotoluene	12.751	91	524062	46.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	640052	47.083	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	63810	47.806	ug/l	99
82) 4-Chlorotoluene	12.849	91	545977	46.967	ug/l	100
83) tert-Butylbenzene	13.074	119	574876	46.227	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	640607	47.034	ug/l	98
85) sec-Butylbenzene	13.251	105	831359	45.549	ug/l	100
86) p-Isopropyltoluene	13.367	119	704497	46.631	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	371356	47.413	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	368340	47.157	ug/l	99
89) n-Butylbenzene	13.696	91	652595	45.973	ug/l	96
90) Hexachloroethane	13.958	117	140895	48.023	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	343914	47.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	38036	48.323	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	228545	49.409	ug/l	99
94) Hexachlorobutadiene	15.111	225	118436	47.218	ug/l	98
95) Naphthalene	15.233	128	570653	52.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	204333	48.803	ug/l	99

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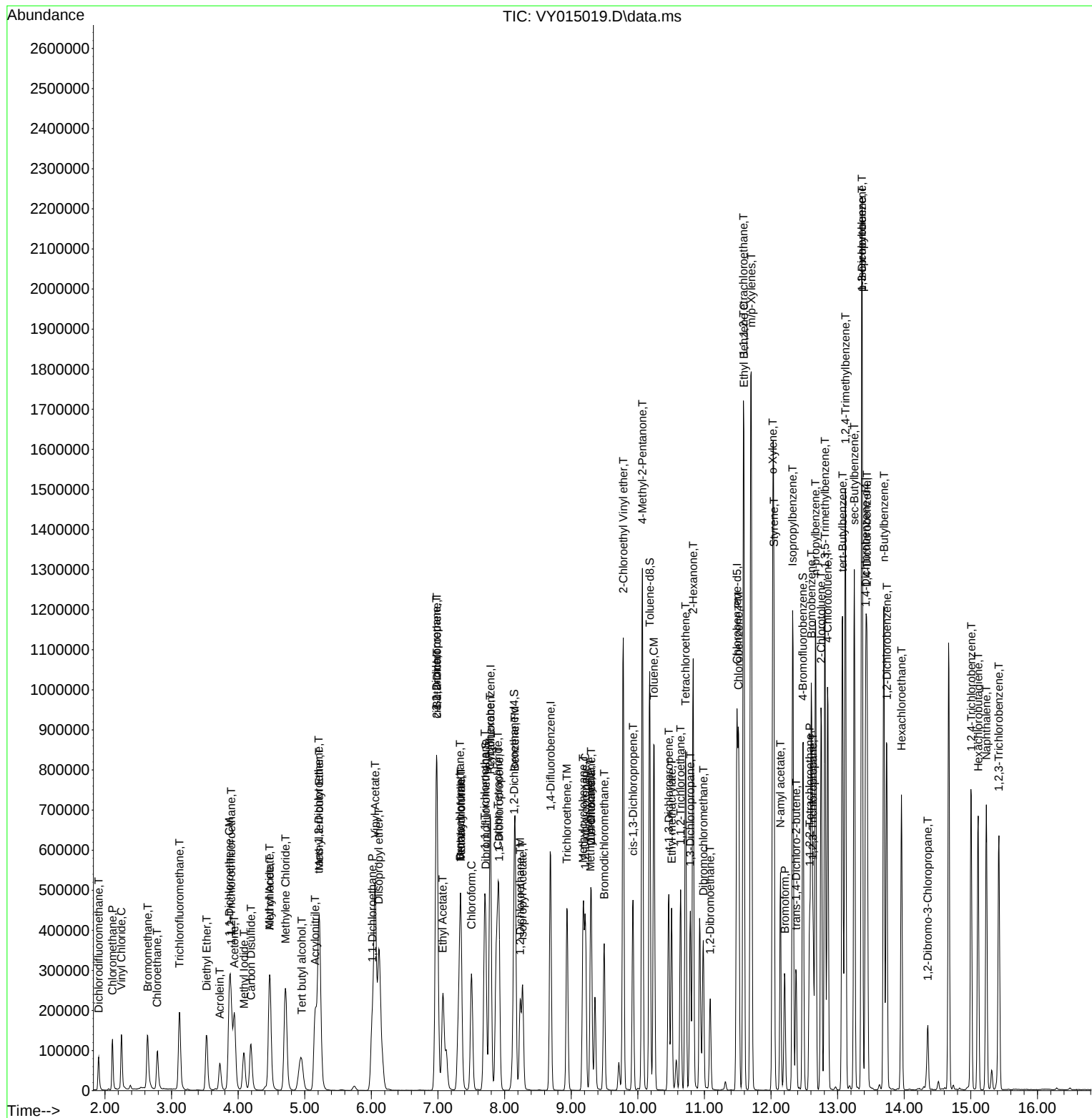
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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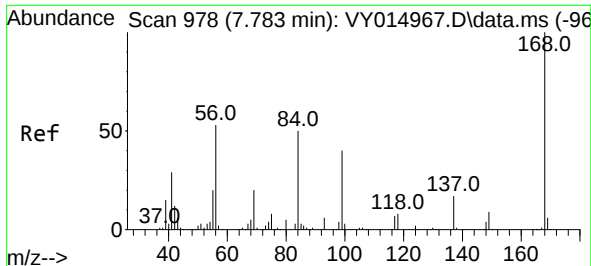
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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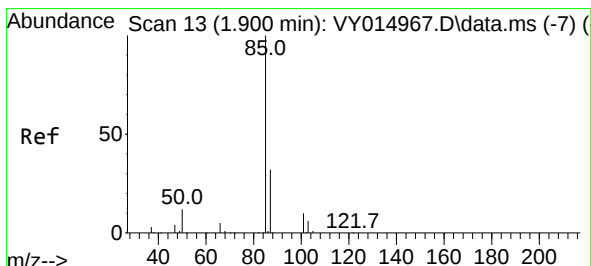
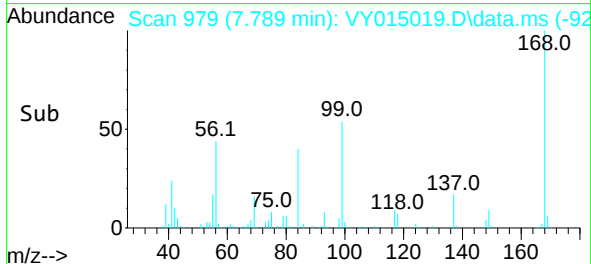
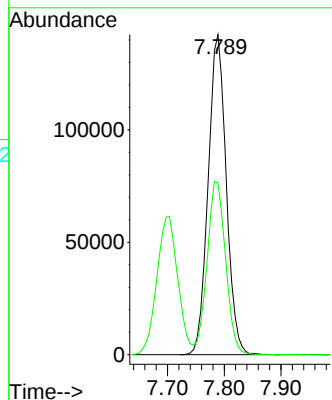
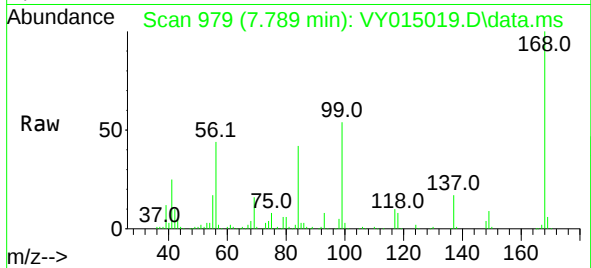




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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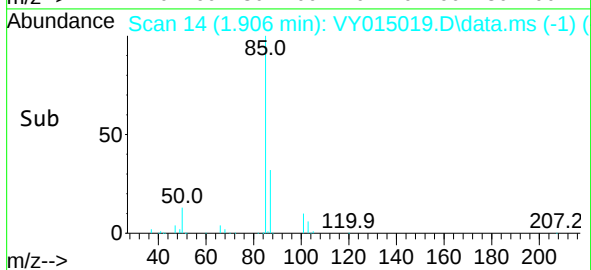
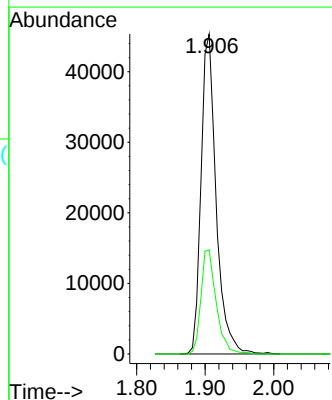
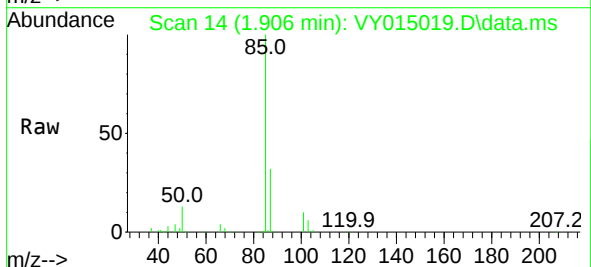
Instrument :
MSVOA_Y
ClientSampleId :

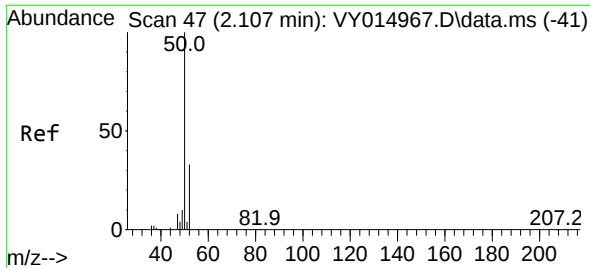
Tgt Ion:168 Resp: 315329
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 38.950 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 85 Resp: 69547
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

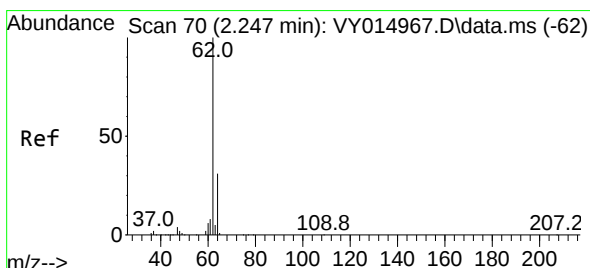
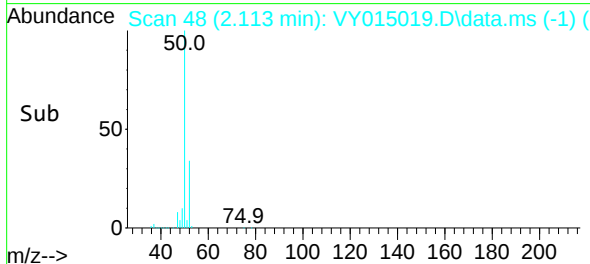
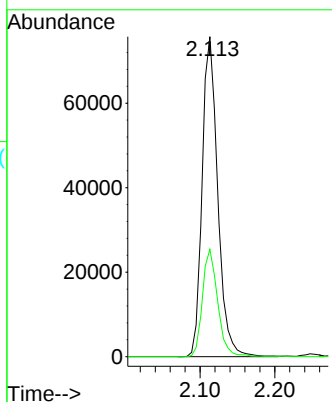
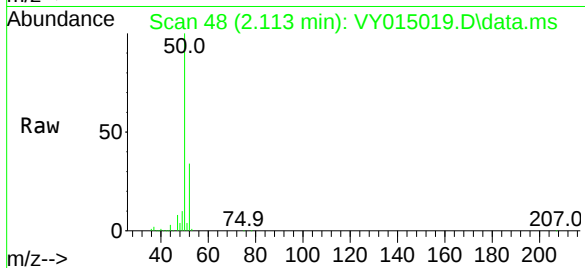




#3
Chloromethane
Concen: 44.172 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015019.D
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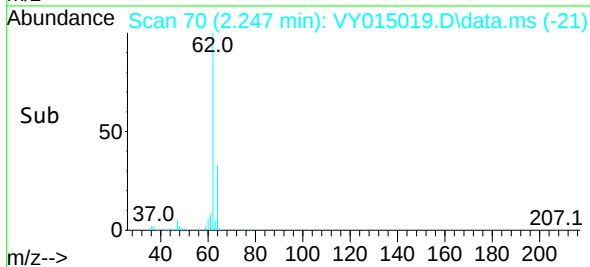
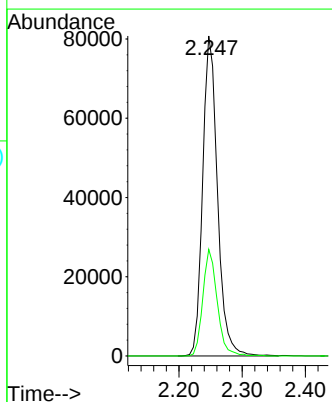
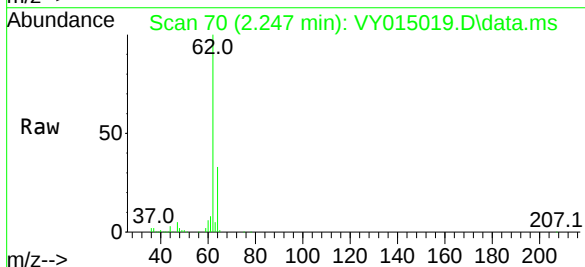
Instrument :
MSVOA_Y
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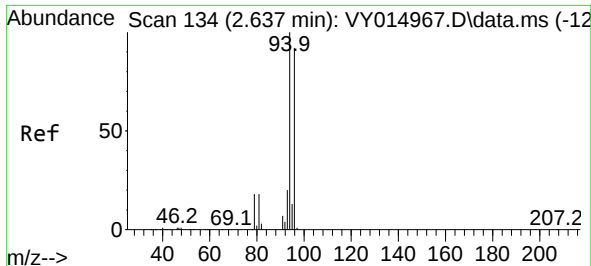
Tgt Ion: 50 Resp: 109617
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 43.121 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 62 Resp: 131858
Ion Ratio Lower Upper
62 100
64 33.3 24.3 36.5

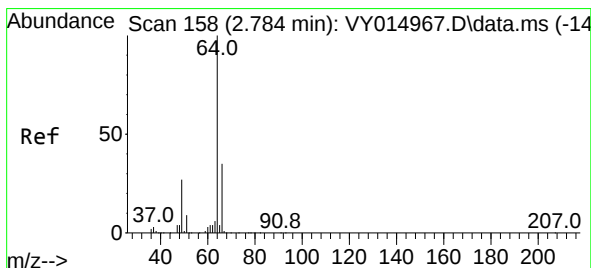
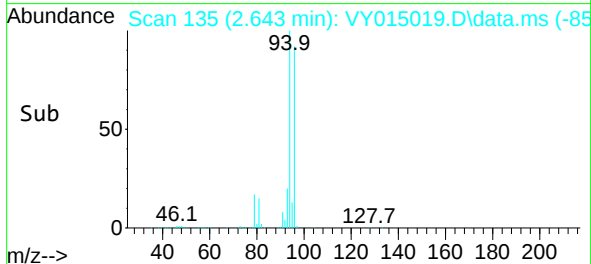
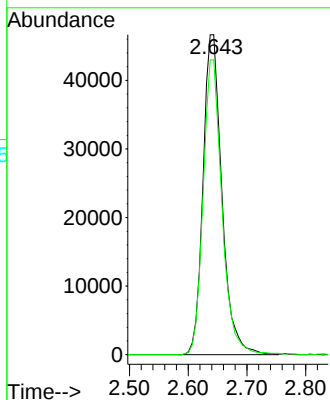
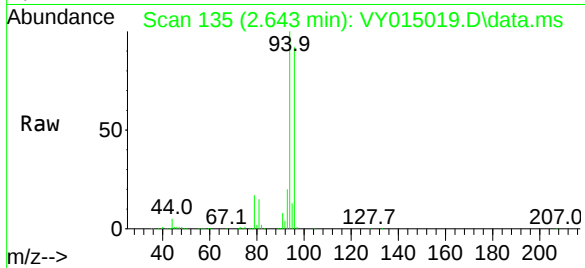




#5
Bromomethane
Concen: 53.463 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
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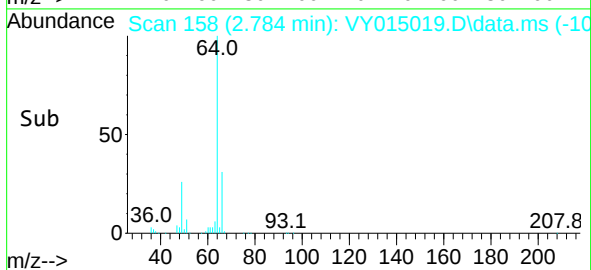
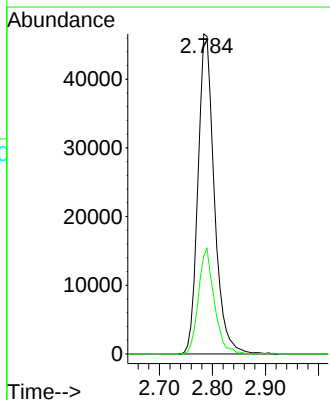
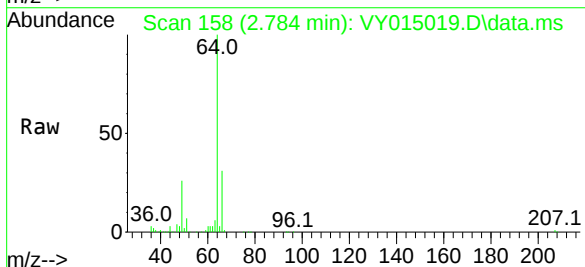
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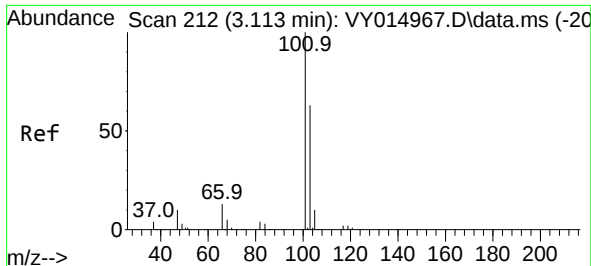
Tgt Ion: 94 Resp: 104092
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 47.226 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015019.D
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Tgt Ion: 64 Resp: 99709
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6

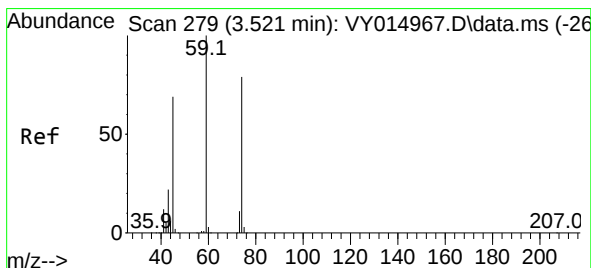
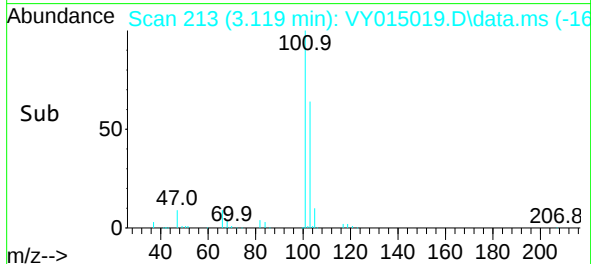
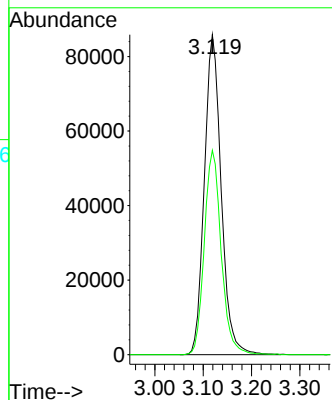
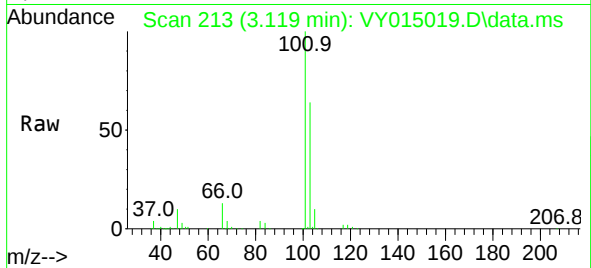




#7
 Trichlorofluoromethane
 Concen: 42.967 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015019.D
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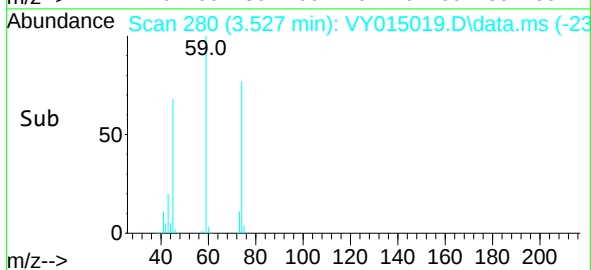
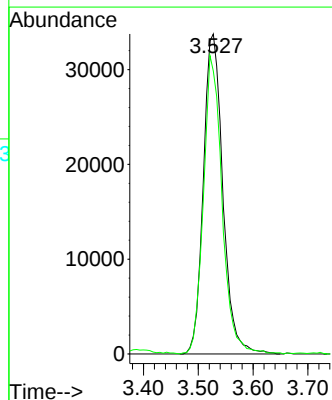
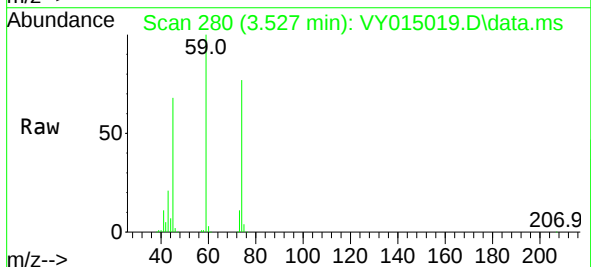
Instrument :
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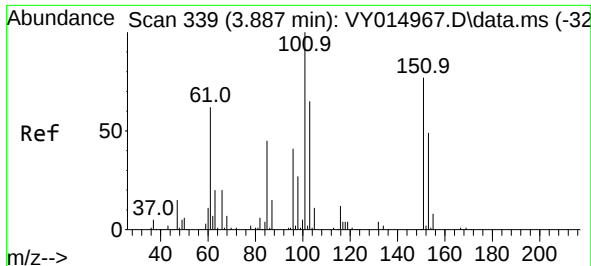
Tgt Ion:101 Resp: 207629
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.608 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 83108
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.5 154.5

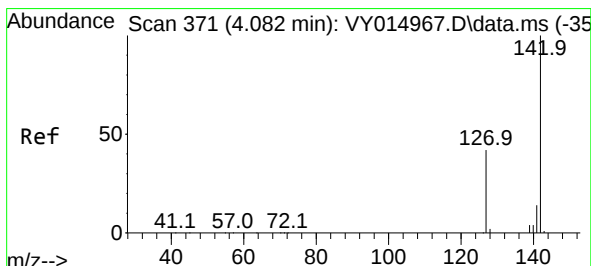
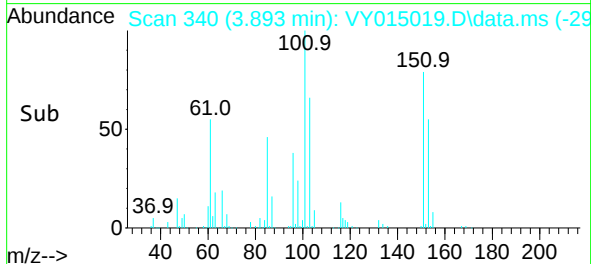
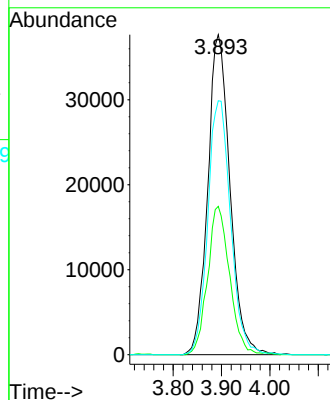
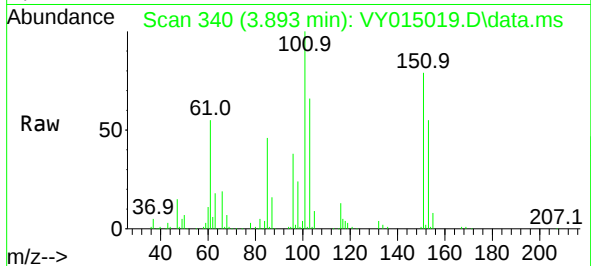




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.046 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

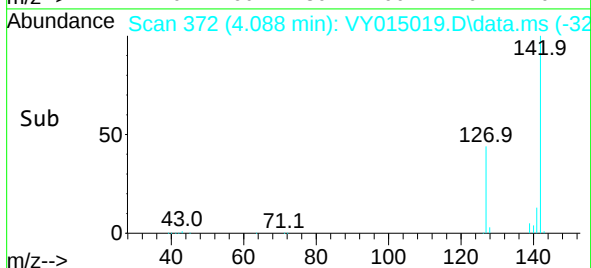
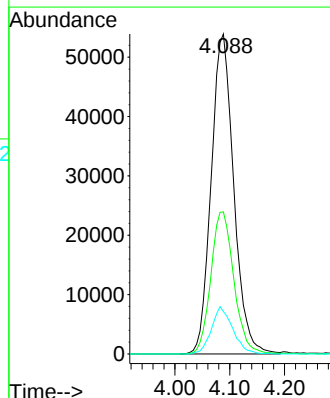
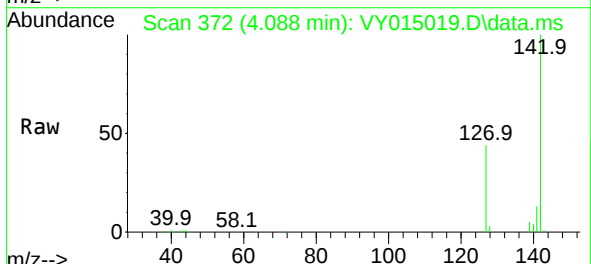
Instrument :
MSVOA_Y
ClientSampleId :

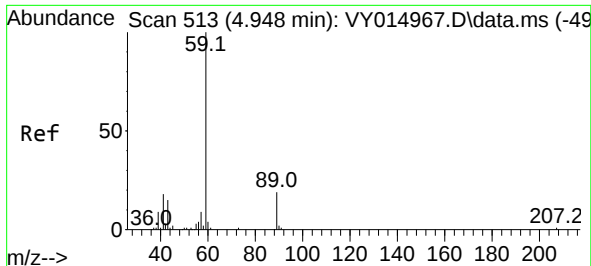
Tgt Ion:101 Resp: 120274
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 81.6 67.0 100.6



#10
Methyl Iodide
Concen: 52.098 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

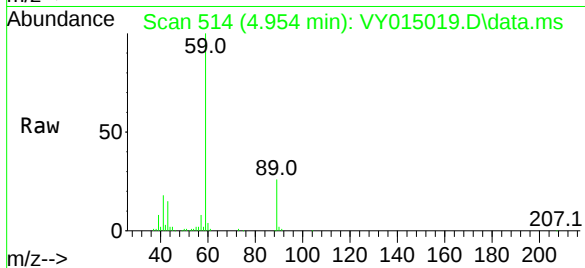
Tgt Ion:142 Resp: 154081
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 13.9 11.8 17.8



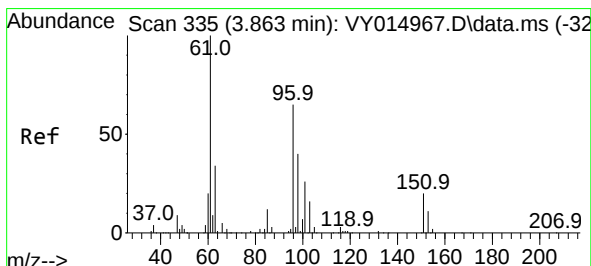
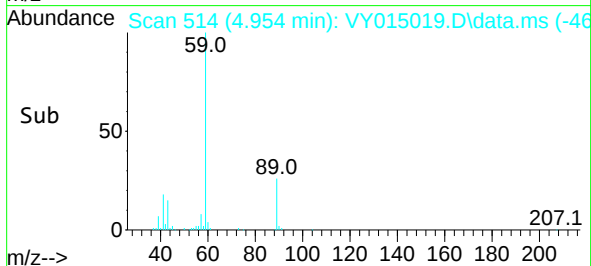
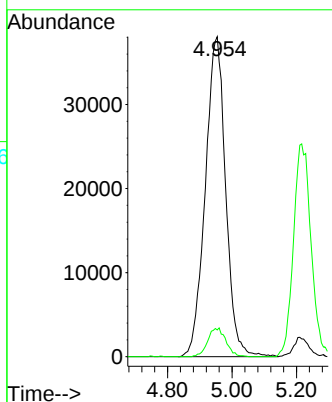


#11
Tert butyl alcohol
Concen: 180.895 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

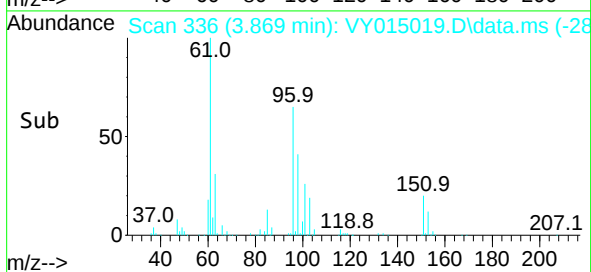
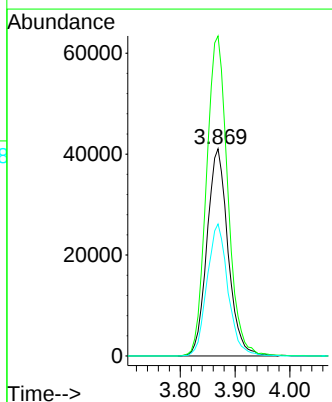
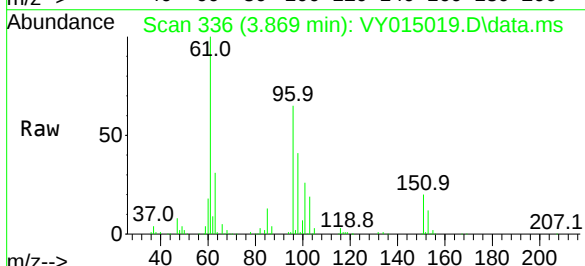


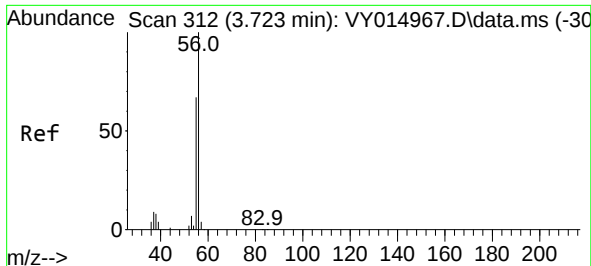
Tgt Ion: 59 Resp: 166854
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 43.943 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

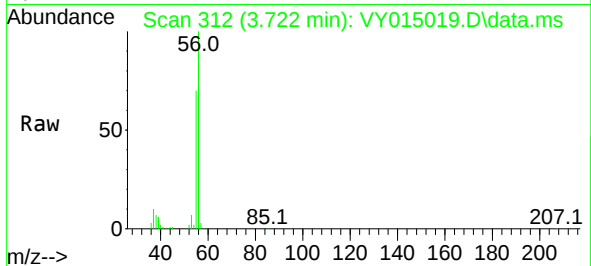
Tgt Ion: 96 Resp: 109525
Ion Ratio Lower Upper
96 100
61 154.4 136.4 204.6
98 63.7 49.4 74.2



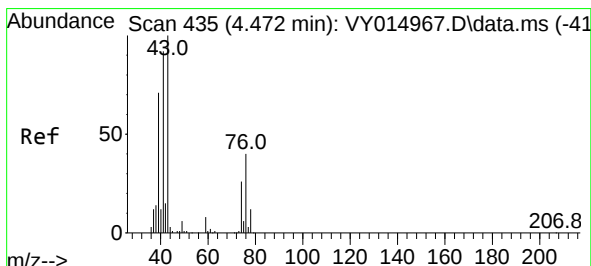
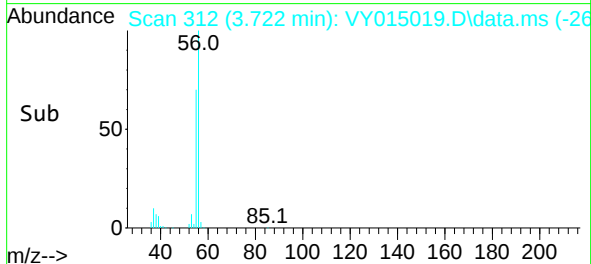
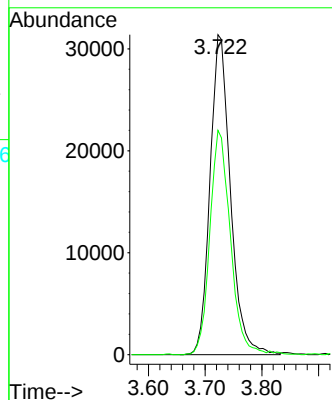


#13
Acrolein
Concen: 250.278 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

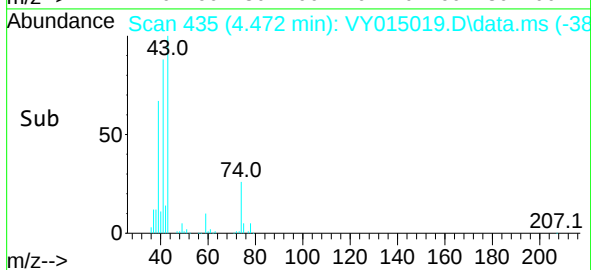
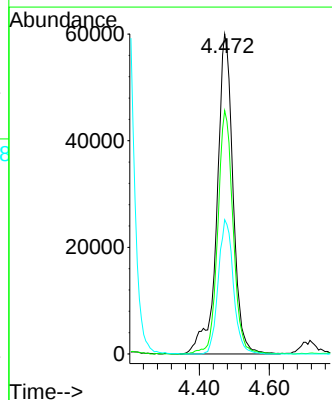
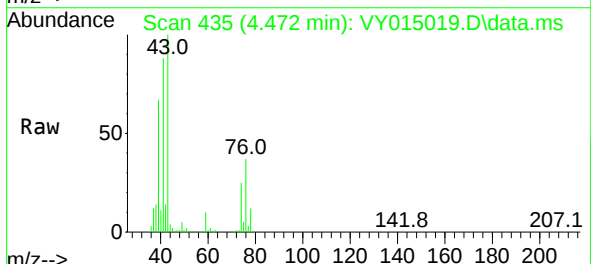


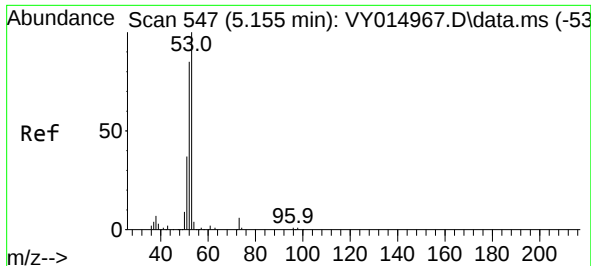
Tgt Ion: 56 Resp: 78533
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 45.976 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

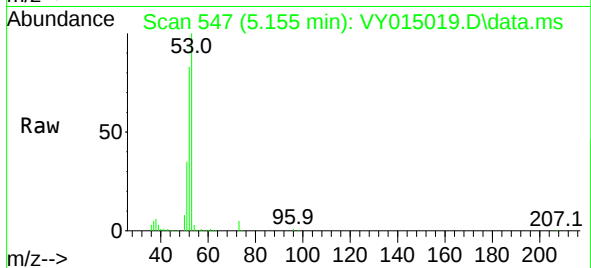
Tgt Ion: 41 Resp: 190823
Ion Ratio Lower Upper
41 100
39 72.3 58.0 87.0
76 39.4 27.4 41.2



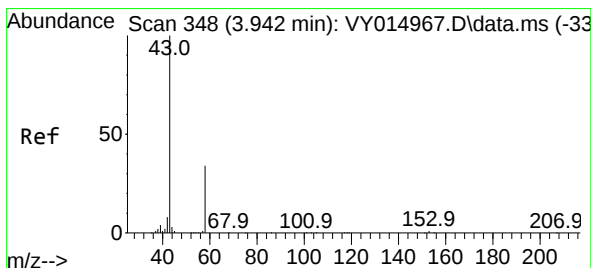
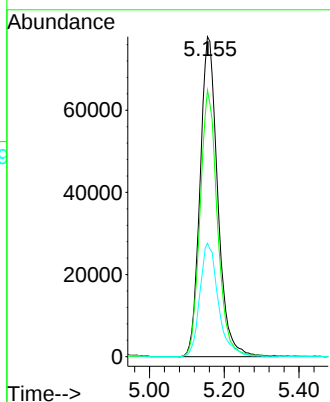
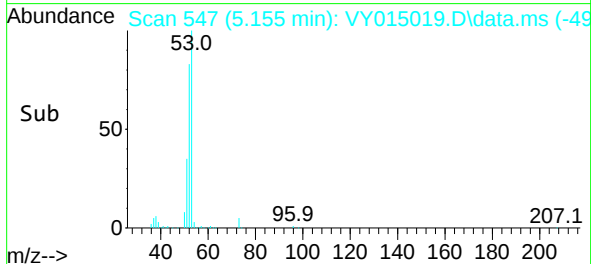


#15
Acrylonitrile
Concen: 234.696 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

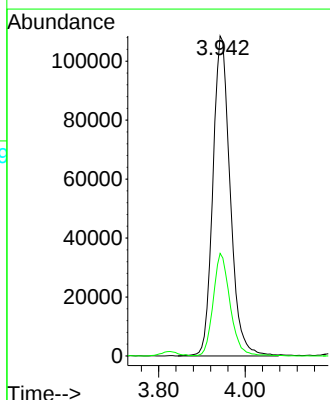
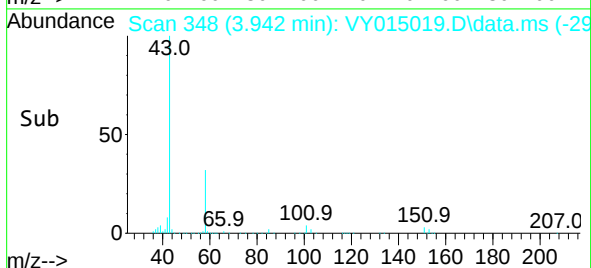
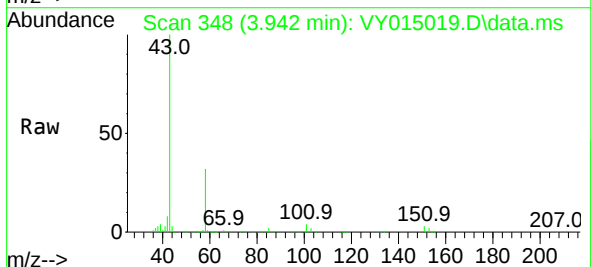


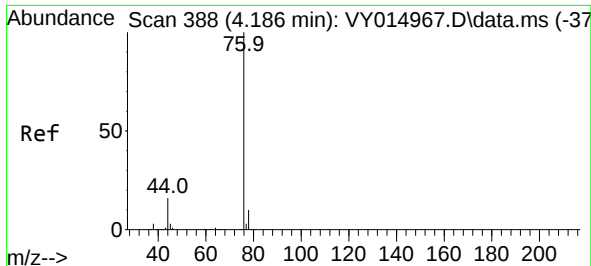
Tgt Ion: 53 Resp: 255669
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 37.1 29.8 44.6



#16
Acetone
Concen: 252.936 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 43 Resp: 301444
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

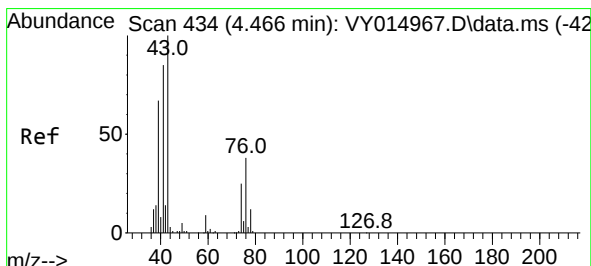
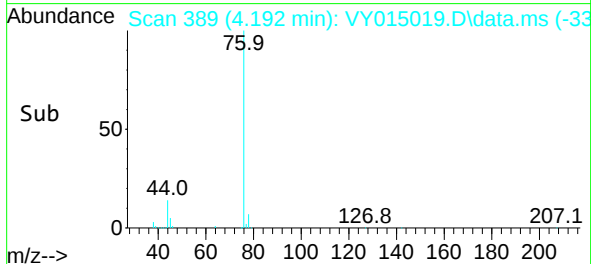
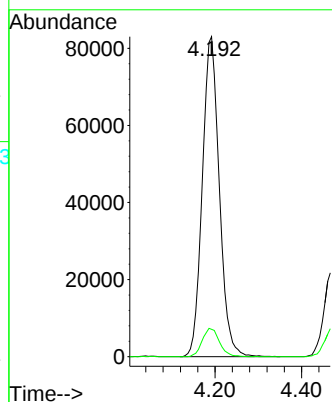
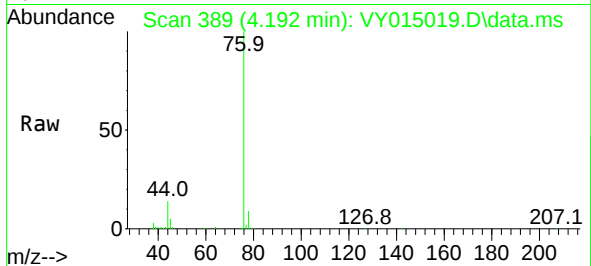




#17
Carbon Disulfide
Concen: 41.054 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

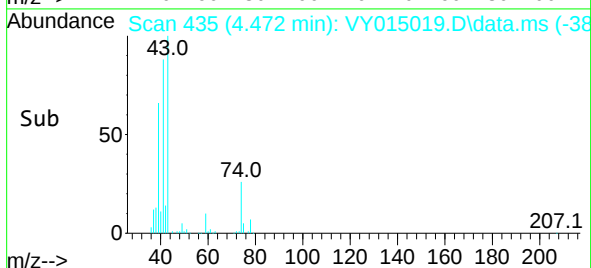
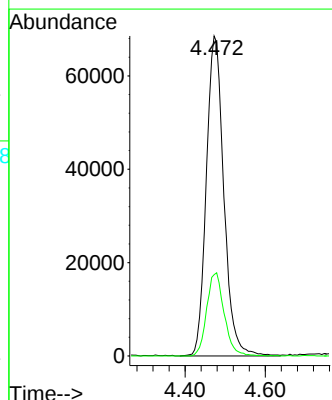
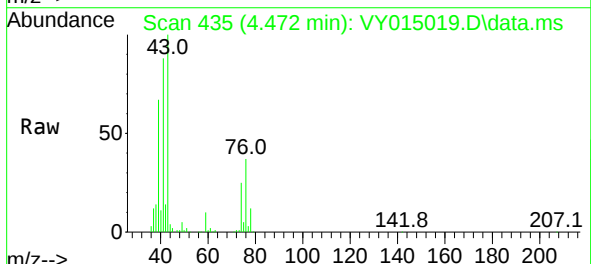
Instrument :
MSVOA_Y
ClientSampleId :

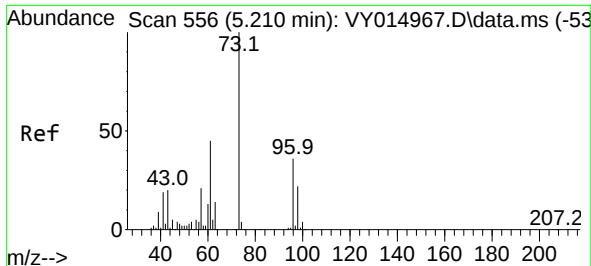
Tgt Ion: 76 Resp: 226236
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 47.917 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

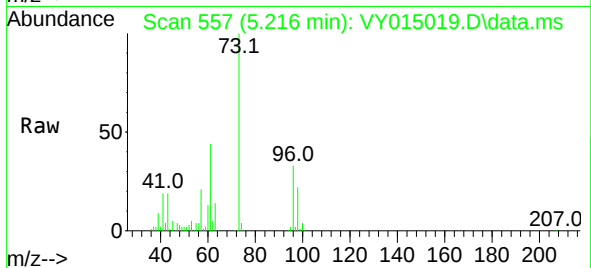
Tgt Ion: 43 Resp: 207966
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0



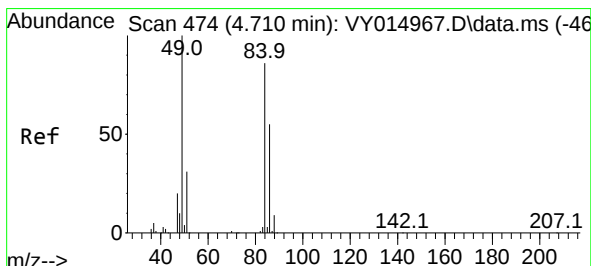
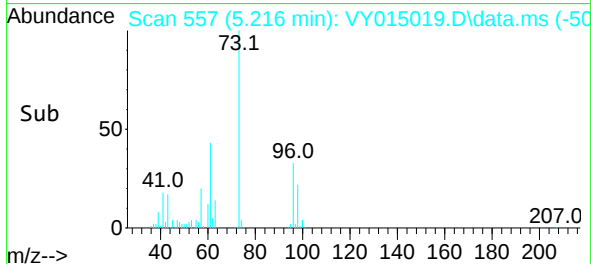
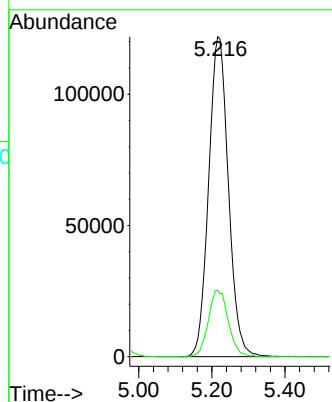


#19
Methyl tert-butyl Ether
Concen: 48.356 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

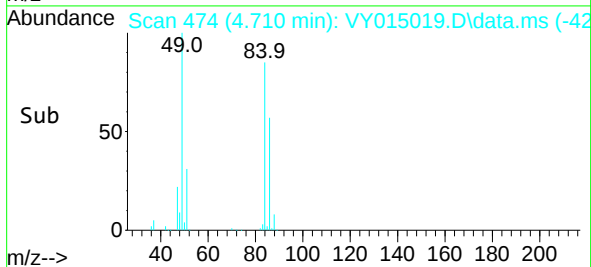
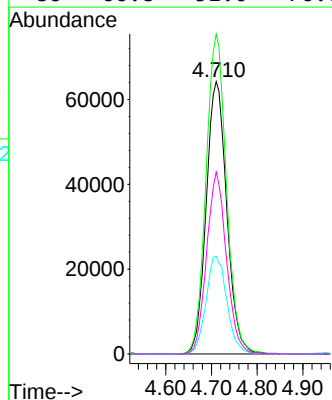
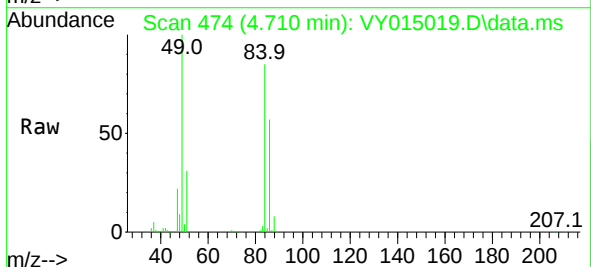


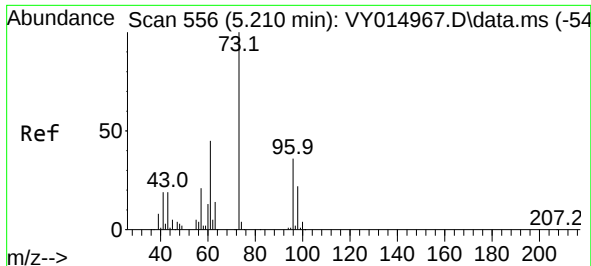
Tgt Ion: 73 Resp: 455986
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 42.537 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

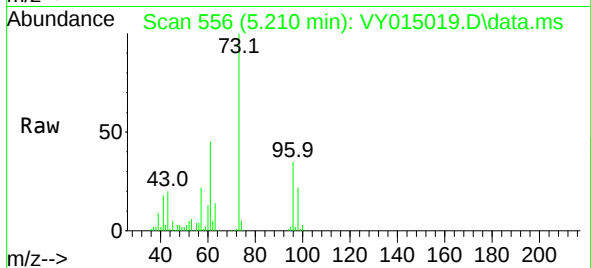
Tgt Ion: 84 Resp: 201471
Ion Ratio Lower Upper
84 100
49 117.5 106.9 160.3
51 35.9 33.2 49.8
86 66.8 51.0 76.6



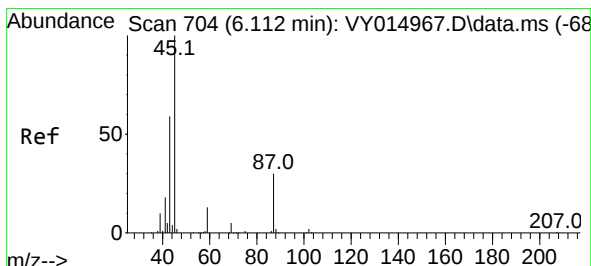
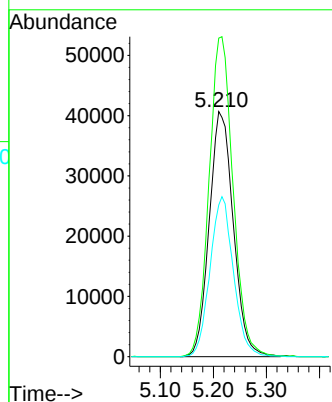
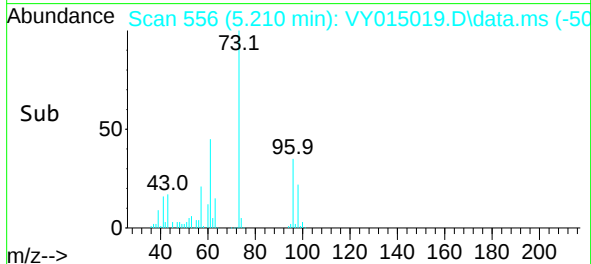


#21
trans-1,2-Dichloroethene
Concen: 45.139 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

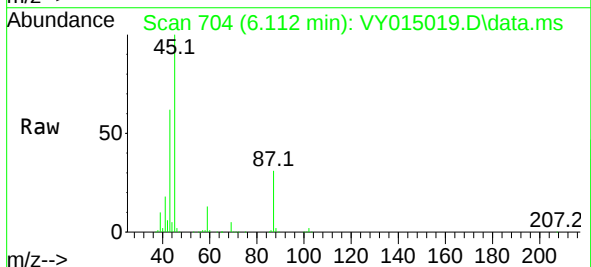
Instrument :
MSVOA_Y
ClientSampleId :



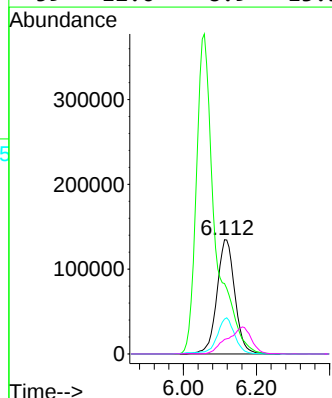
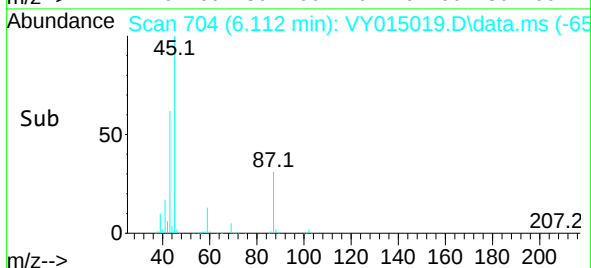
Tgt Ion: 96 Resp: 128241
Ion Ratio Lower Upper
96 100
61 130.0 110.2 165.4
98 61.9 51.8 77.6

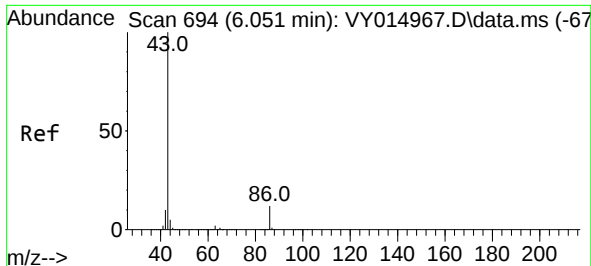


#22
Diisopropyl ether
Concen: 47.391 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12



Tgt Ion: 45 Resp: 458162
Ion Ratio Lower Upper
45 100
43 61.4 52.2 78.4
87 30.6 21.0 31.6
59 12.6 8.9 13.3

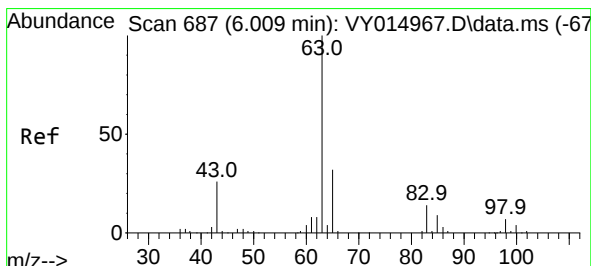
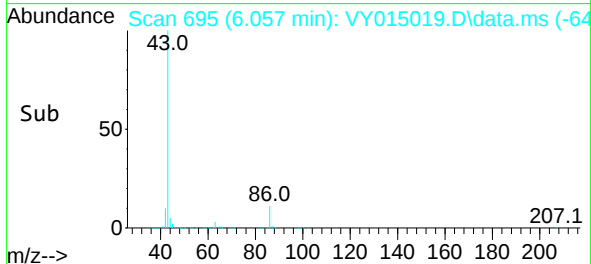
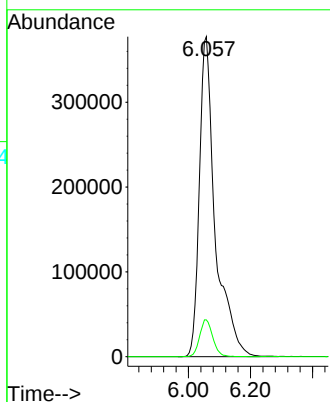
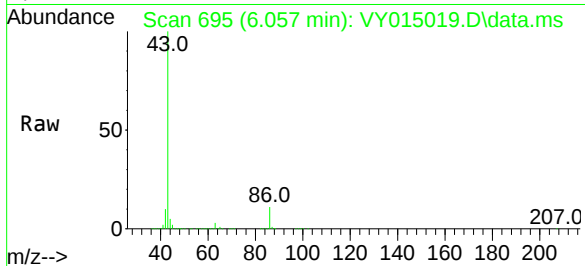




#23
 Vinyl Acetate
 Concen: 231.023 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

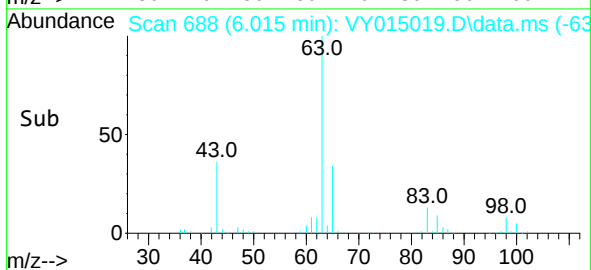
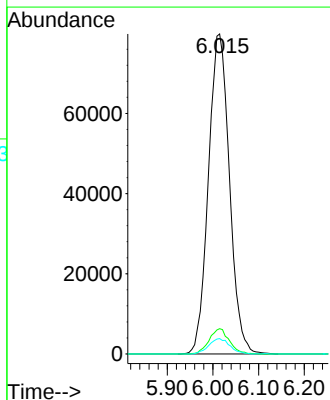
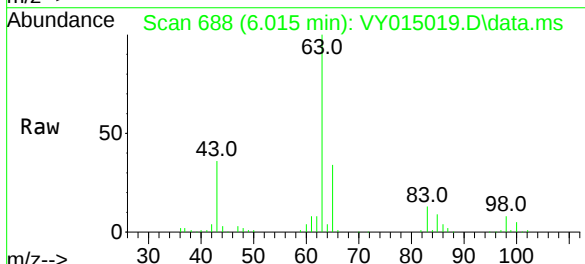
Instrument :
 MSVOA_Y
 ClientSampleId :

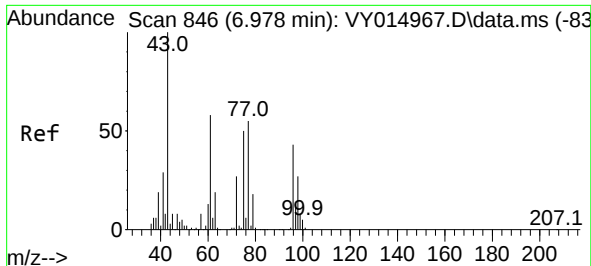
Tgt Ion: 43 Resp: 1342609
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.588 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

Tgt Ion: 63 Resp: 255476
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.8 1.8 5.5

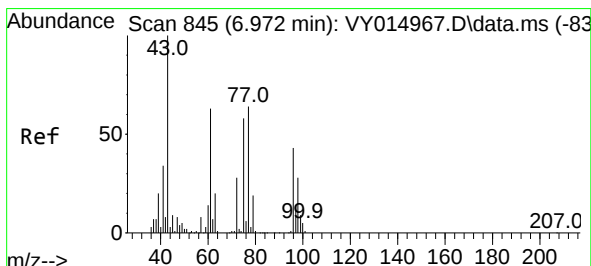
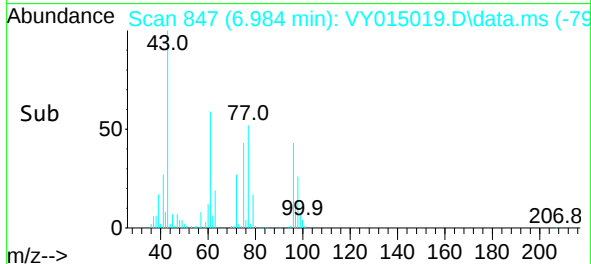
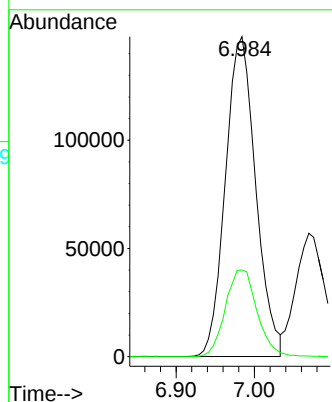
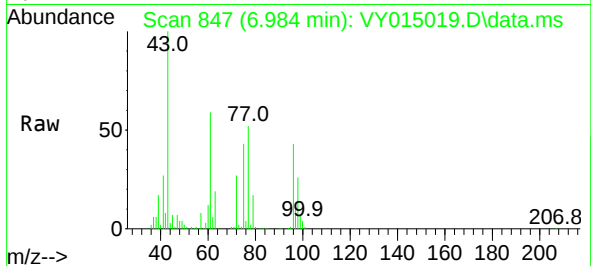




#25
2-Butanone
Concen: 233.303 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

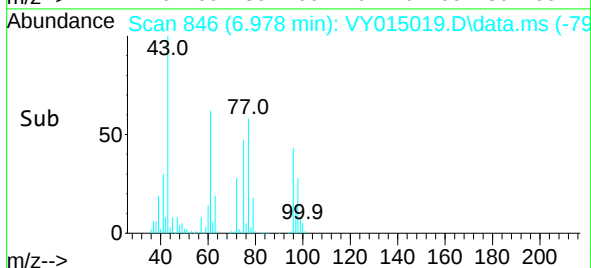
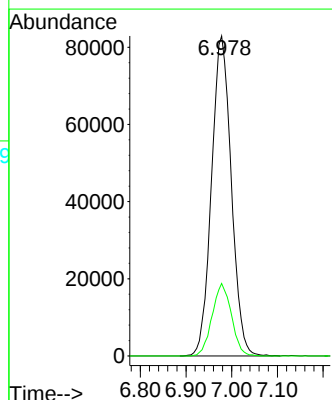
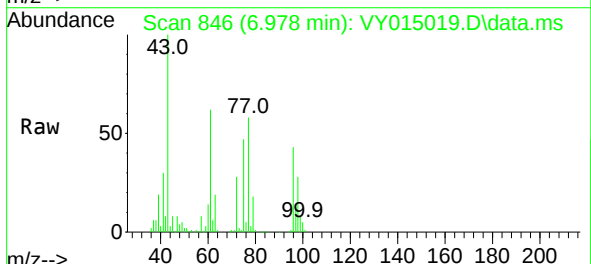
Instrument :
MSVOA_Y
ClientSampleId :

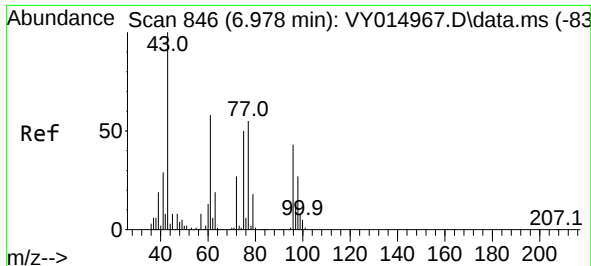
Tgt Ion: 43 Resp: 398244
Ion Ratio Lower Upper
43 100
72 27.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 44.884 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 77 Resp: 249046
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.654 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

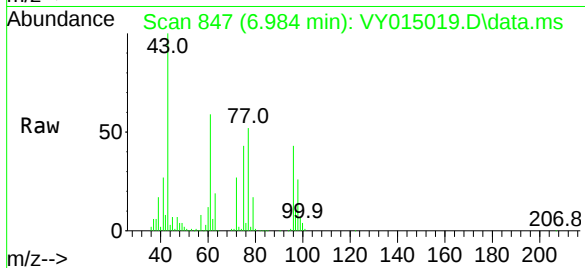
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :



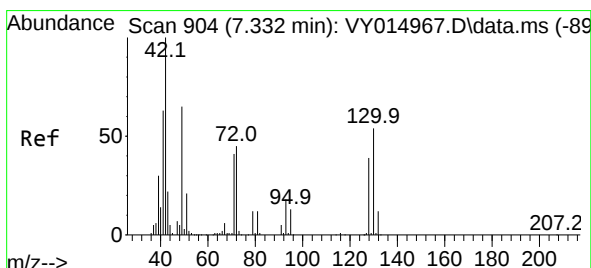
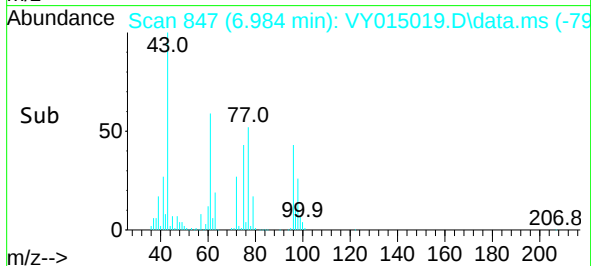
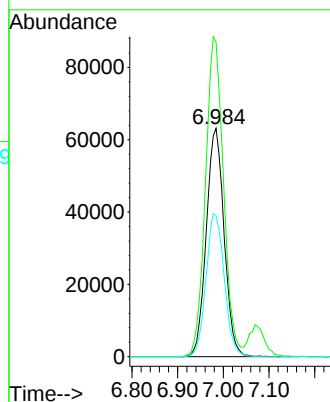
Tgt Ion: 96 Resp: 171331

Ion Ratio Lower Upper

96 100

61 141.4 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 49.396 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

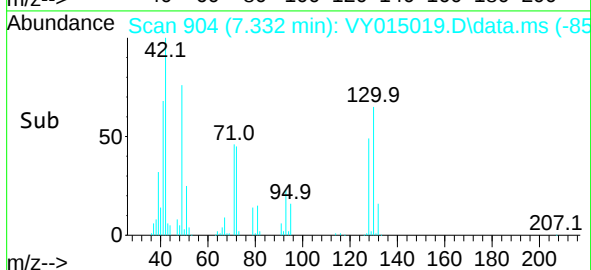
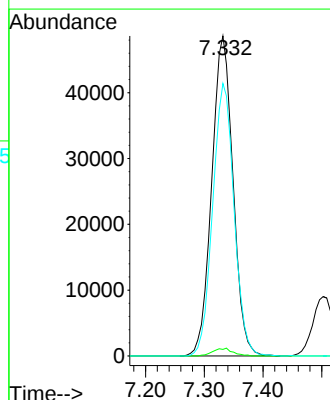
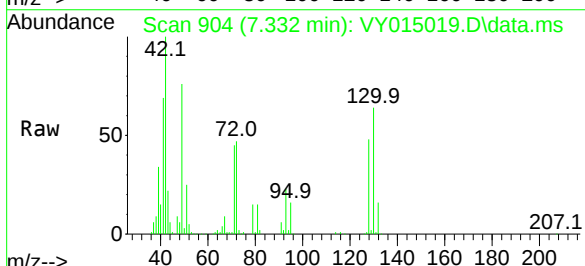
Tgt Ion: 49 Resp: 122107

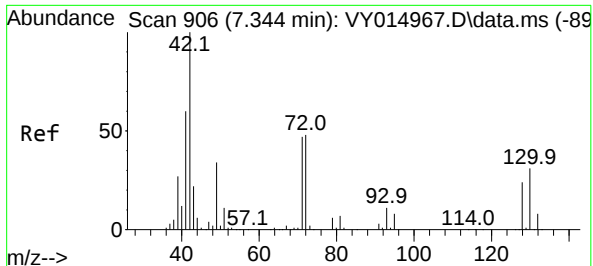
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 85.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 228.963 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

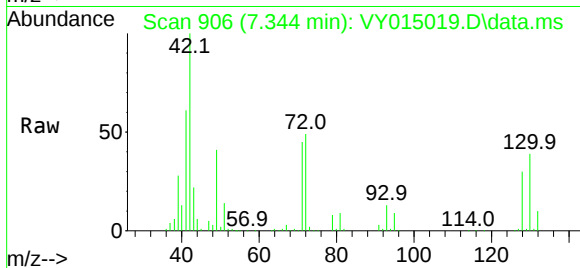
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :



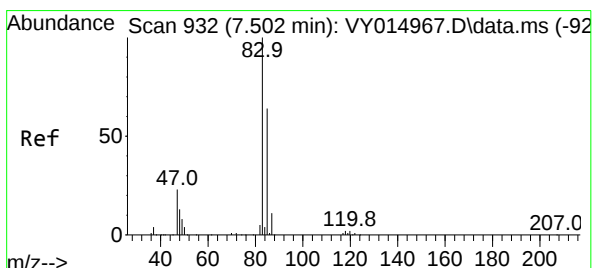
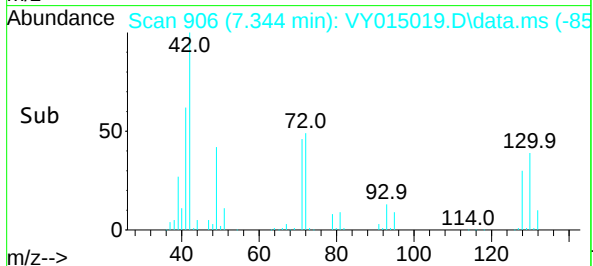
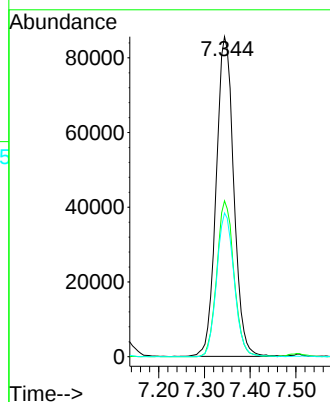
Tgt Ion: 42 Resp: 229194

Ion Ratio Lower Upper

42 100

72 47.6 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 48.062 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY015019.D

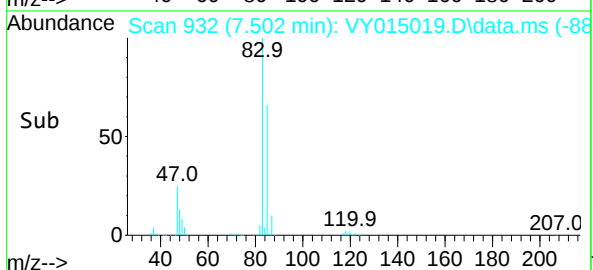
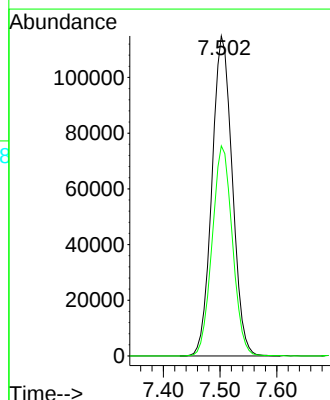
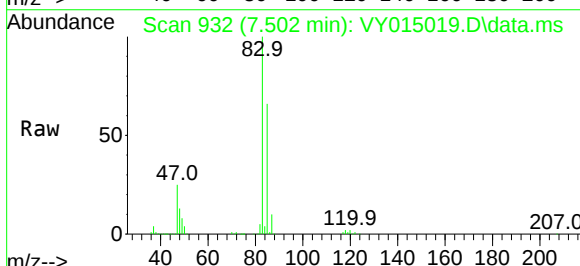
Acq: 10 Aug 2023 11:12

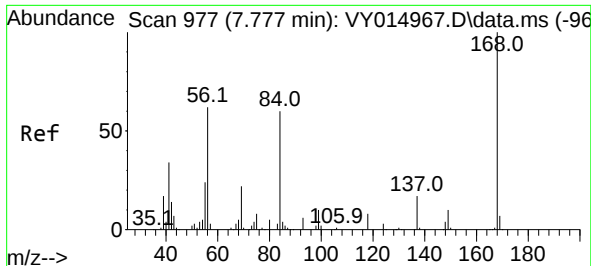
Tgt Ion: 83 Resp: 286302

Ion Ratio Lower Upper

83 100

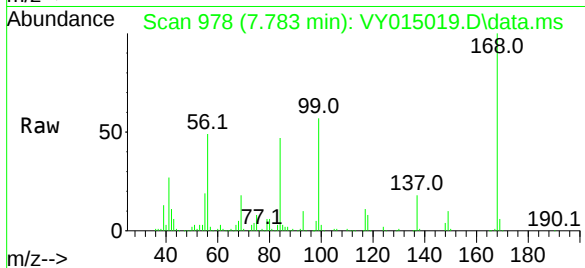
85 65.7 49.7 74.5



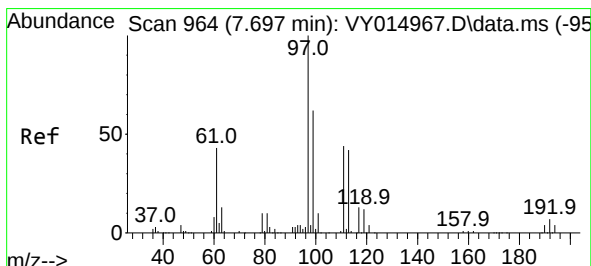
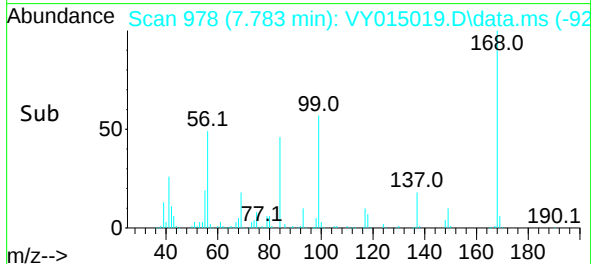
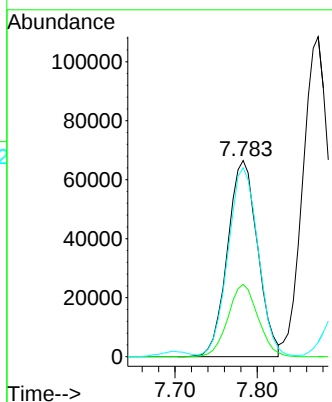


#31
Cyclohexane
Concen: 42.256 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

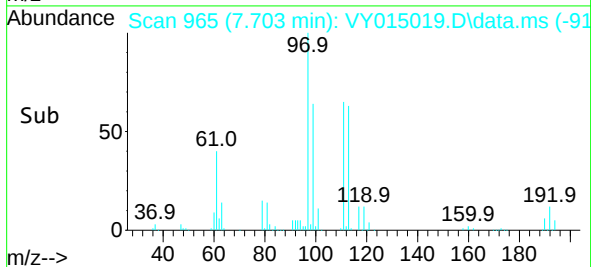
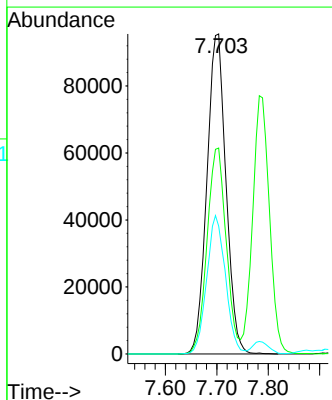
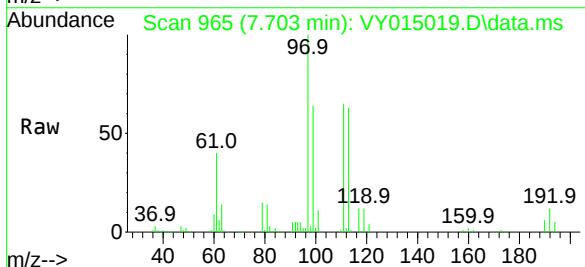


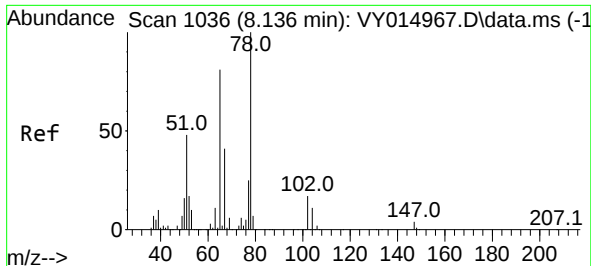
Tgt Ion: 56 Resp: 169213
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 93.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.880 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 97 Resp: 246106
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.695 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

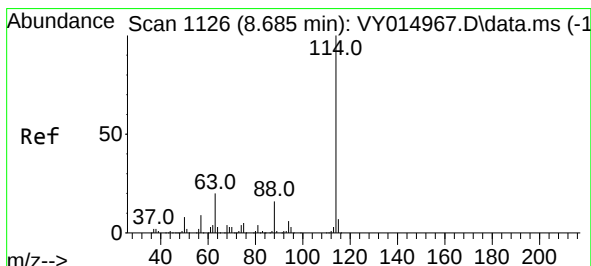
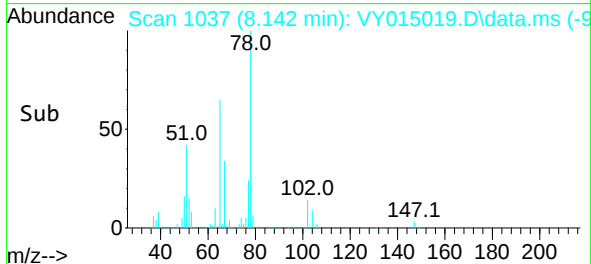
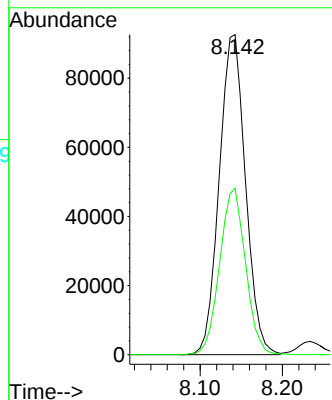
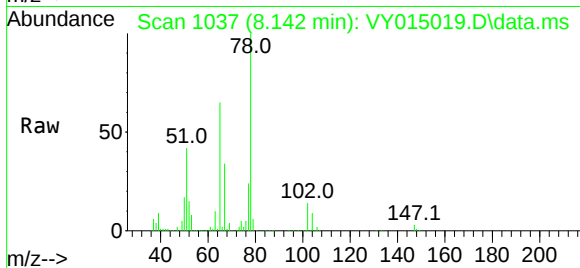
ClientSampleId :

Tgt Ion: 65 Resp: 205214

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

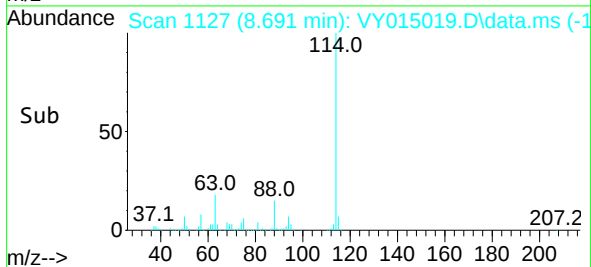
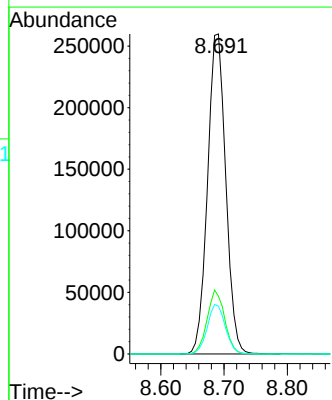
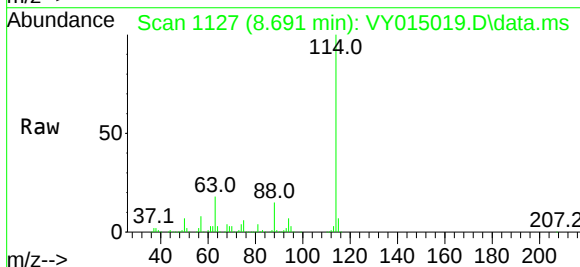
Tgt Ion: 114 Resp: 520595

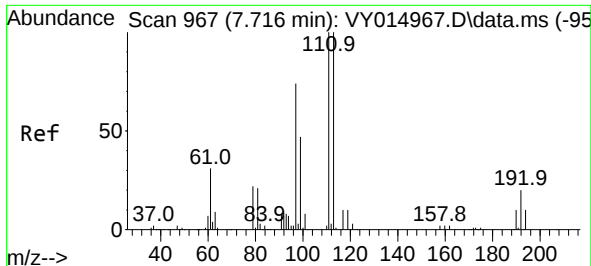
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.0 0.0 30.6

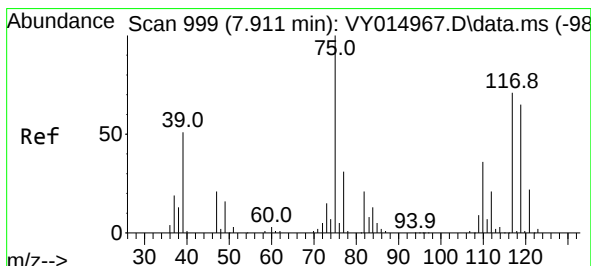
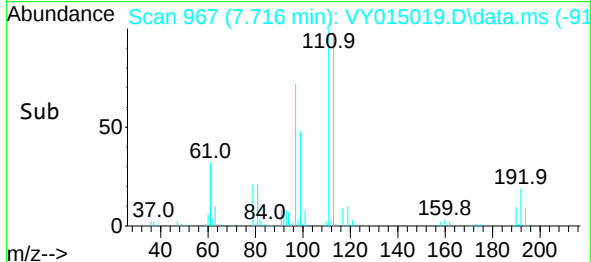
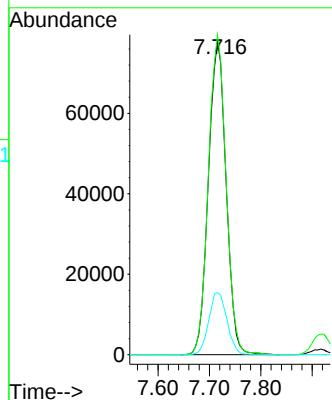
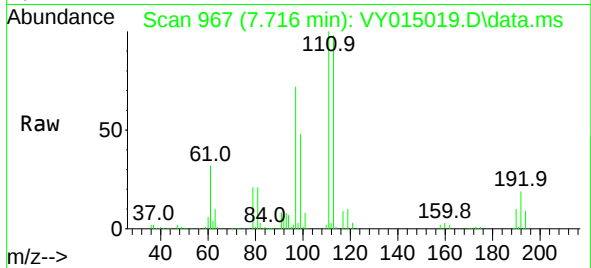




#35
Dibromofluoromethane
Concen: 56.040 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

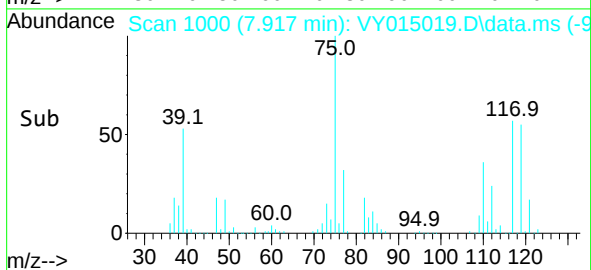
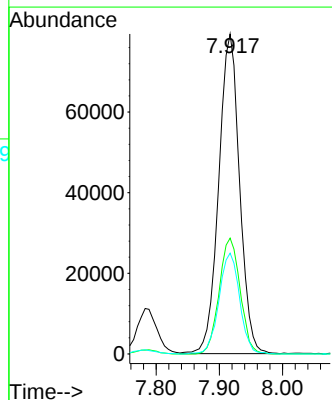
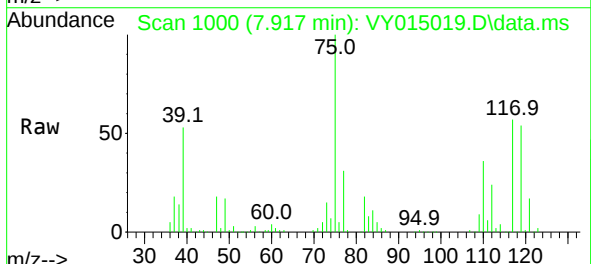
Instrument :
MSVOA_Y
ClientSampleId :

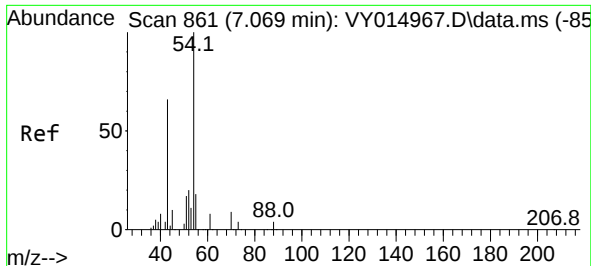
Tgt Ion:113 Resp: 186564
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 43.803 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 75 Resp: 181042
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.4 24.4 36.6

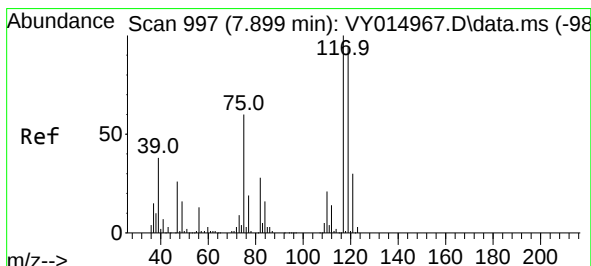
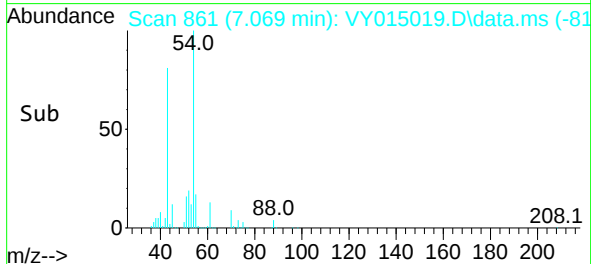
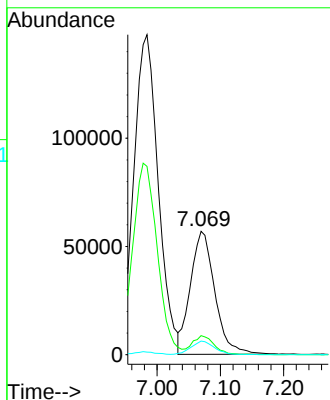
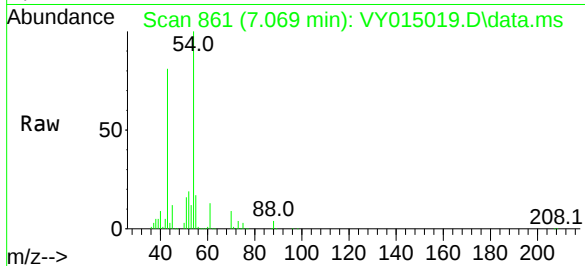




#37
Ethyl Acetate
Concen: 46.498 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

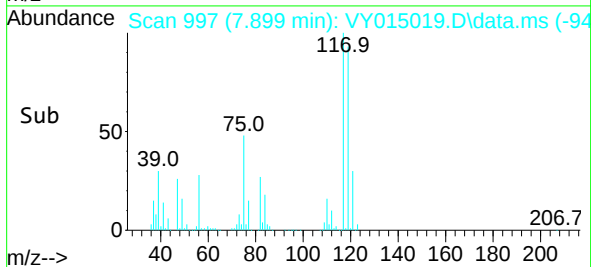
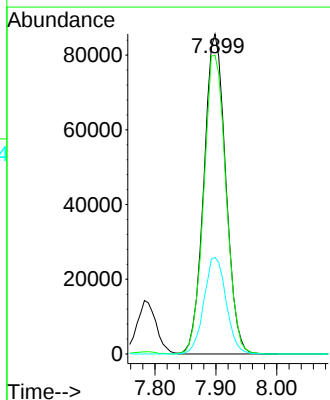
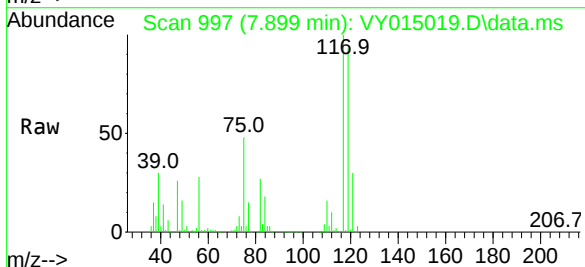
Instrument :
MSVOA_Y
ClientSampleId :

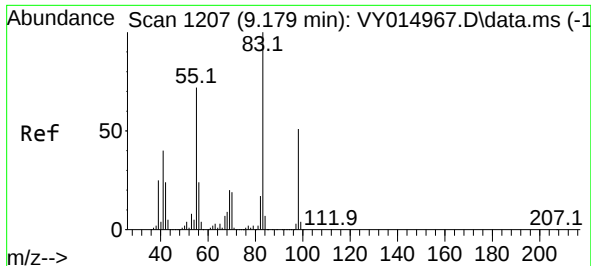
Tgt Ion: 43 Resp: 152548
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 45.928 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 117 Resp: 213405
Ion Ratio Lower Upper
117 100
119 93.3 76.4 114.6
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 41.178 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

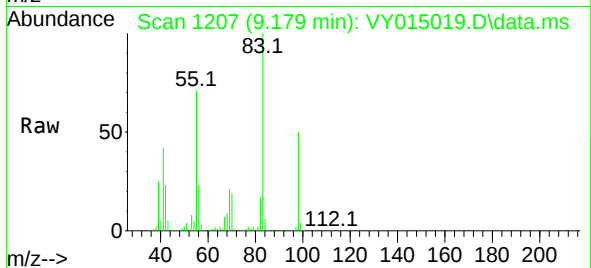
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :



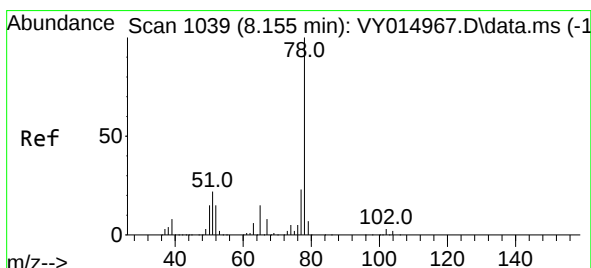
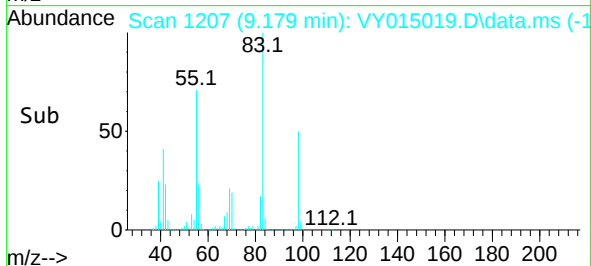
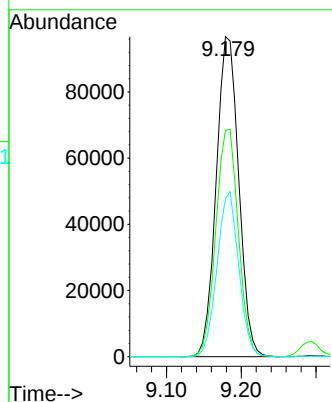
Tgt Ion: 83 Resp: 202395

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 45.516 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015019.D

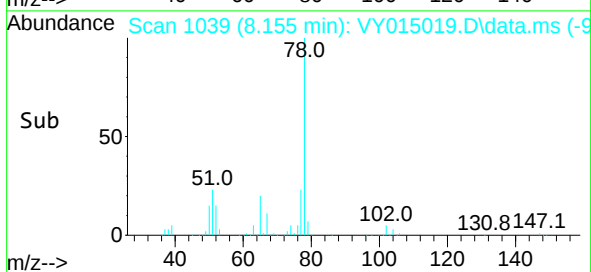
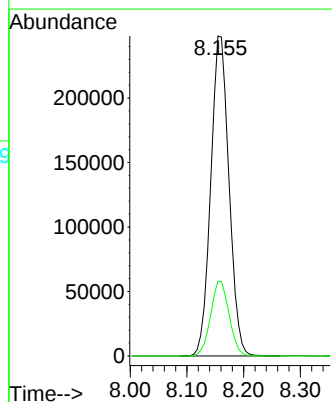
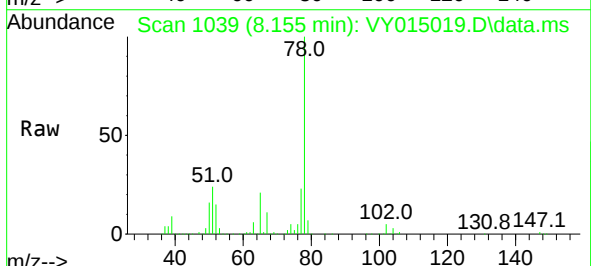
Acq: 10 Aug 2023 11:12

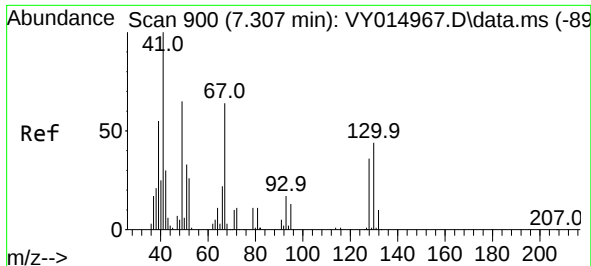
Tgt Ion: 78 Resp: 553954

Ion Ratio Lower Upper

78 100

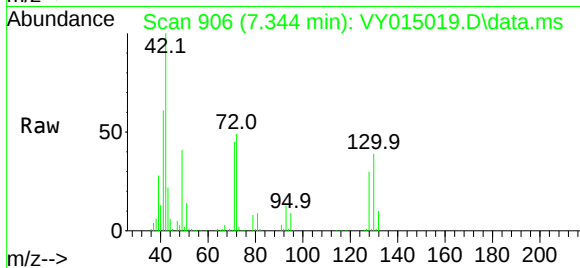
77 23.3 19.0 28.6



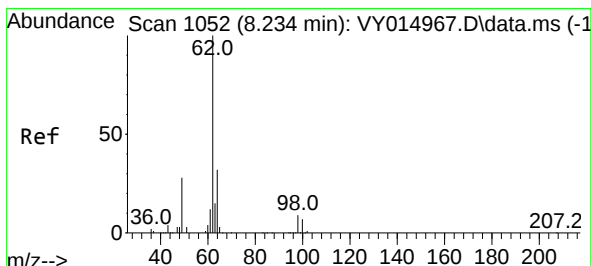
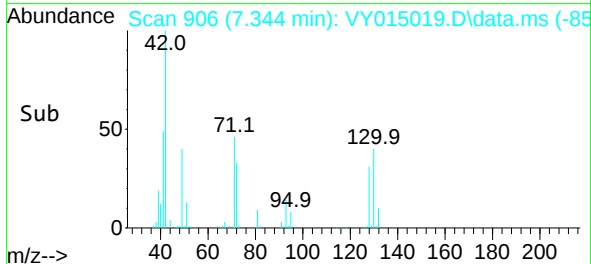
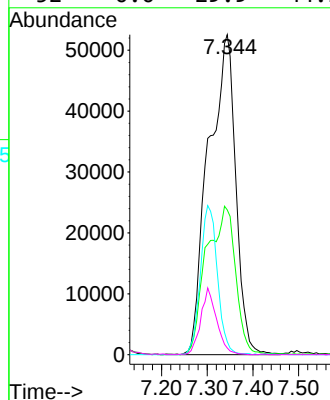


#41
Methacrylonitrile
Concen: 136.029 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

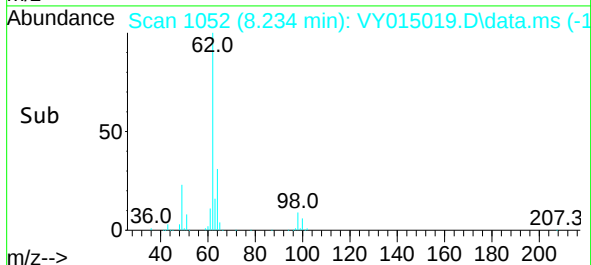
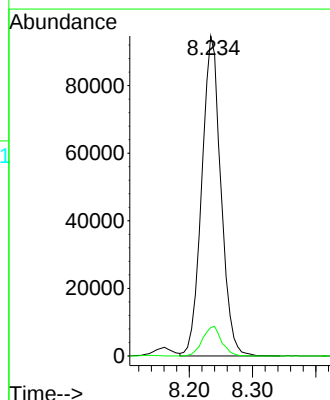
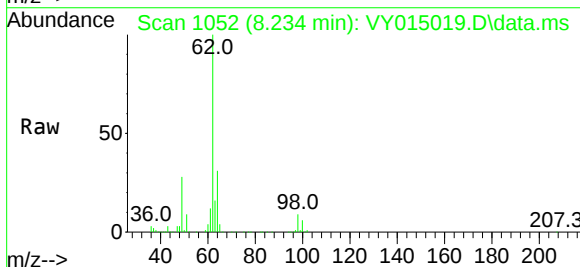


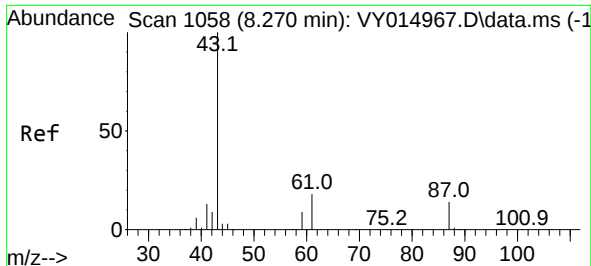
Tgt Ion: 41 Resp: 216877
Ion Ratio Lower Upper
41 100
39 49.6 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 46.990 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

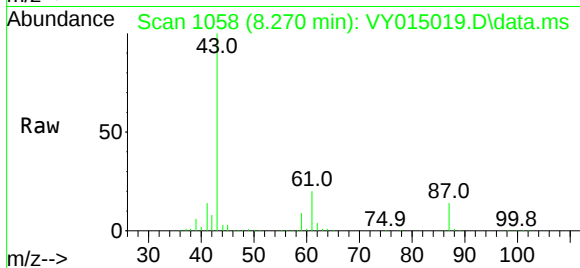
Tgt Ion: 62 Resp: 199071
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8



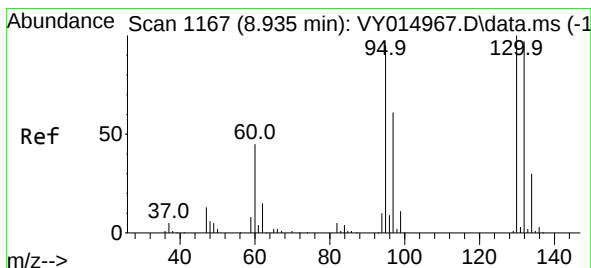
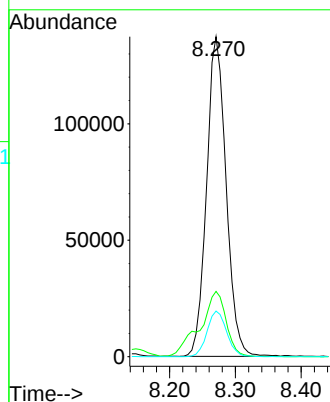
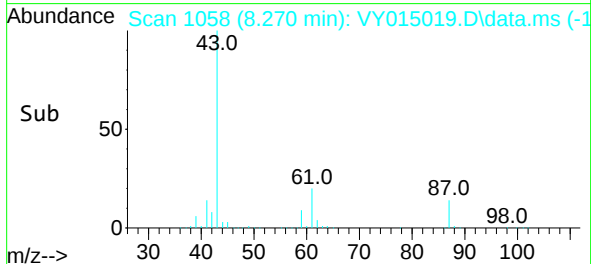


#43
Isopropyl Acetate
Concen: 46.578 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

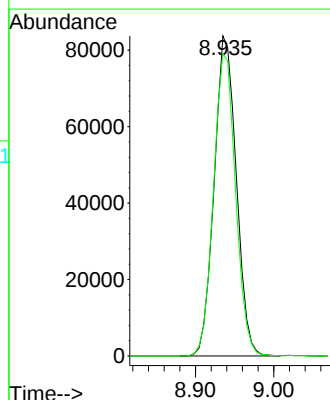
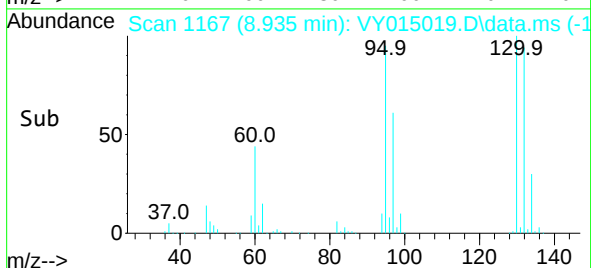
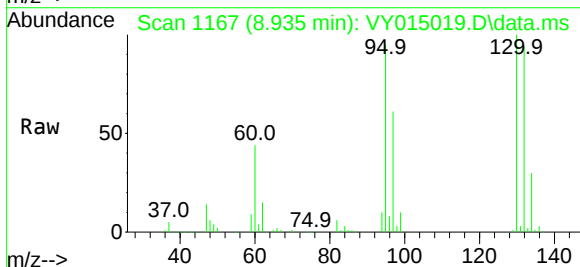


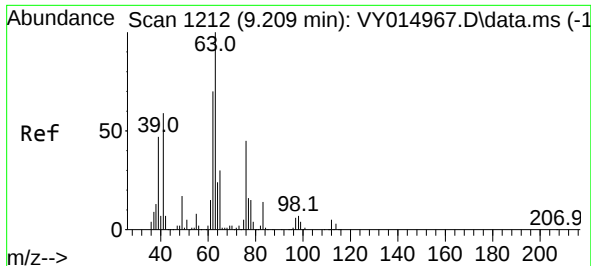
Tgt Ion: 43 Resp: 283909
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 47.031 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion:130 Resp: 164240
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 46.689 ug/l

RT: 9.209 min Scan# 1

Delta R.T. -0.000 min

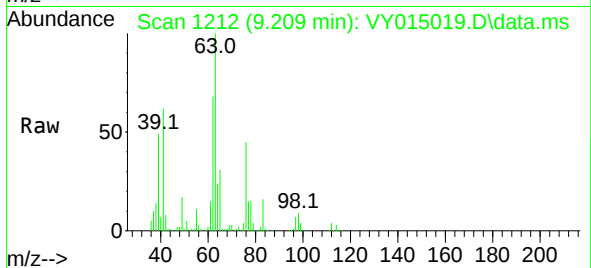
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

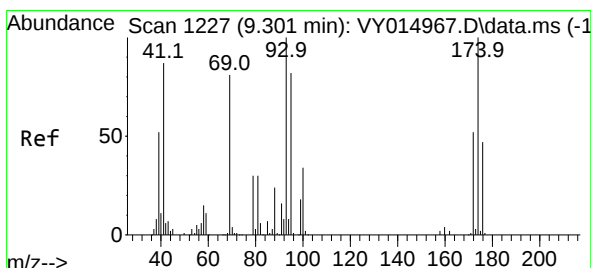
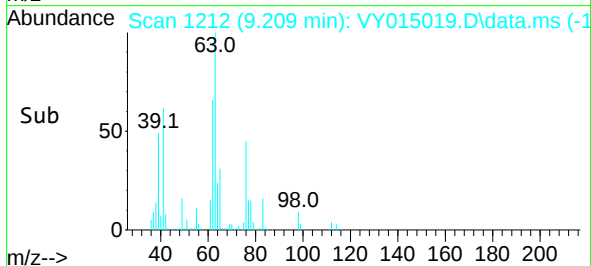
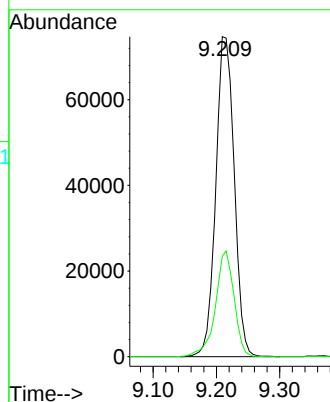


Tgt Ion: 63 Resp: 151017

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 47.239 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

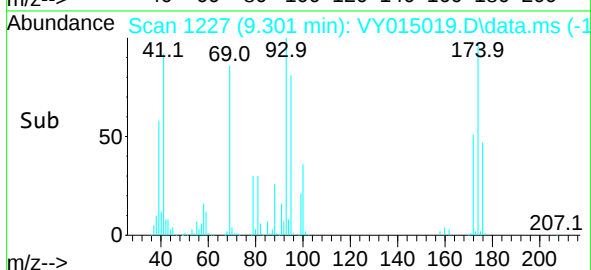
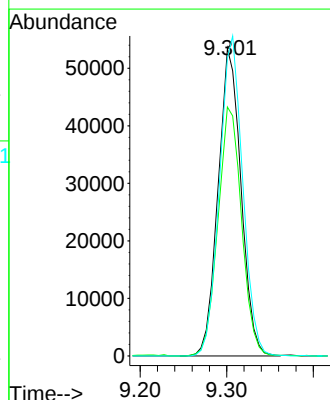
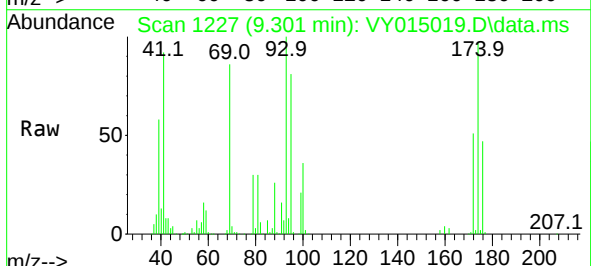
Tgt Ion: 93 Resp: 98431

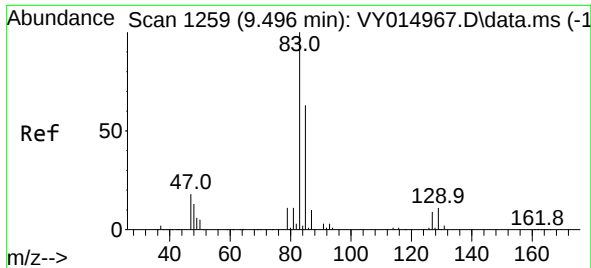
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

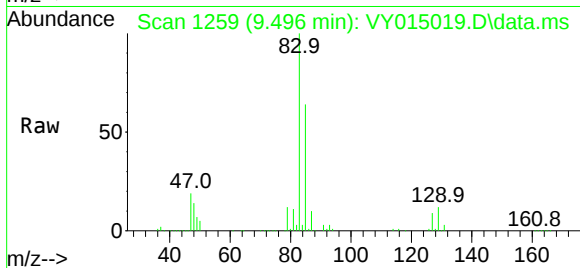
174 104.9 84.8 127.2



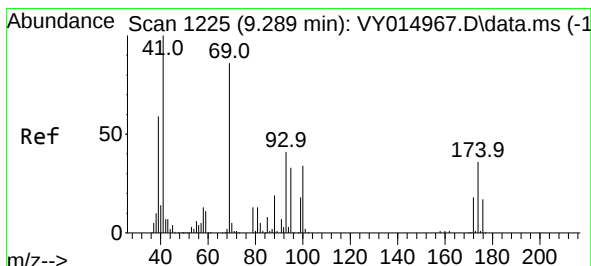
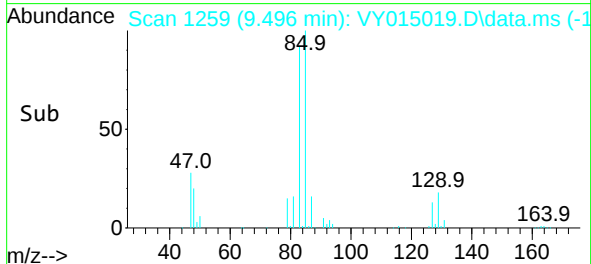
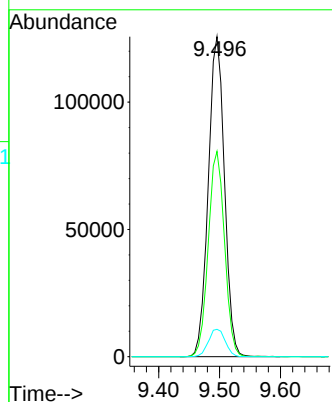


#47
Bromodichloromethane
Concen: 48.311 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

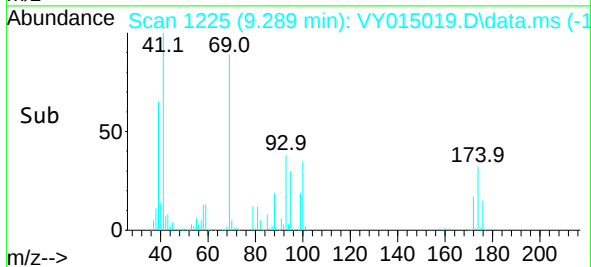
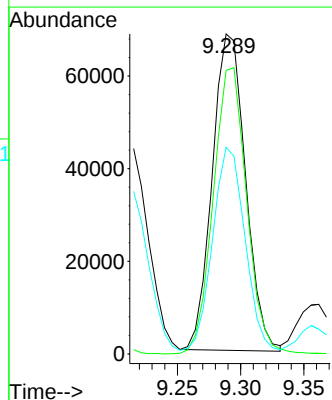
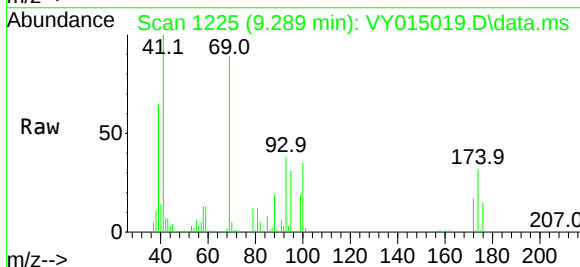


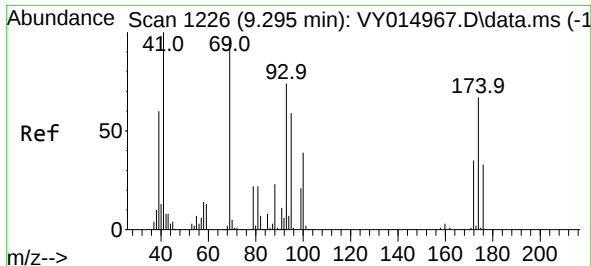
Tgt Ion: 83 Resp: 231808
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 46.730 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 41 Resp: 124972
Ion Ratio Lower Upper
41 100
69 90.9 64.5 96.7
39 64.5 50.8 76.2





#49

1,4-Dioxane

Concen: 925.587 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

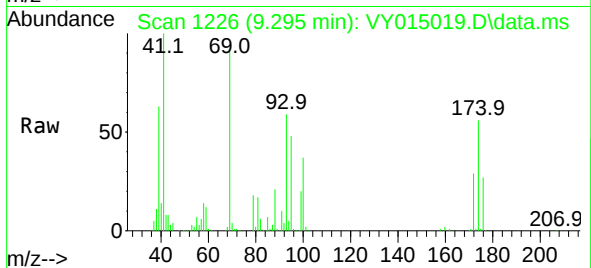
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :



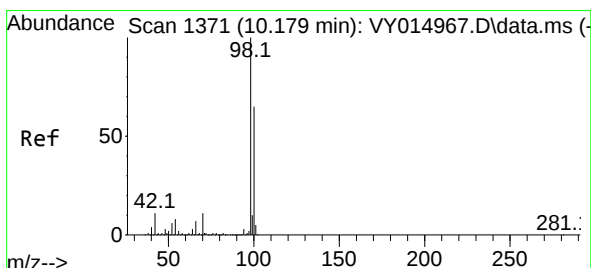
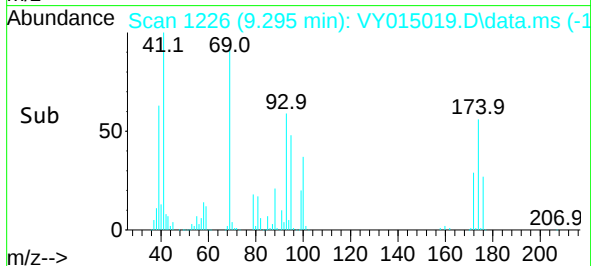
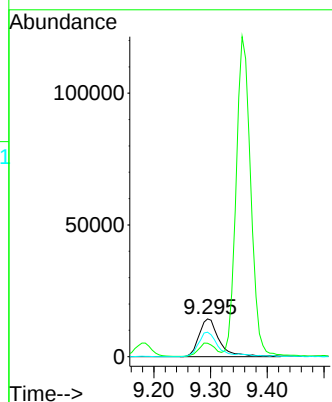
Tgt Ion: 88 Resp: 35873

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 59.1 30.9 46.3#



#50

Toluene-d8

Concen: 53.441 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015019.D

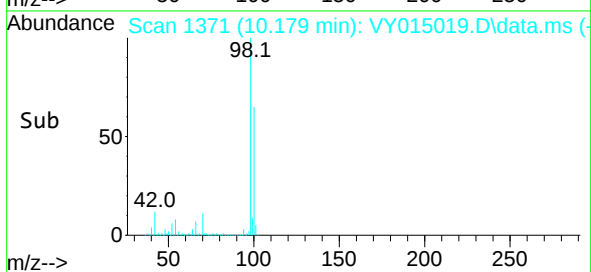
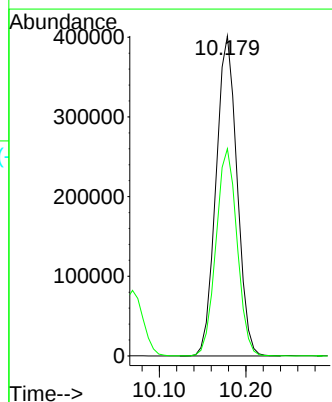
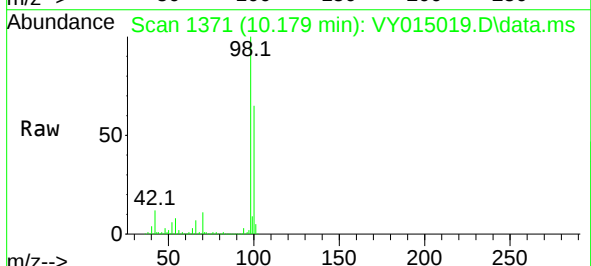
Acq: 10 Aug 2023 11:12

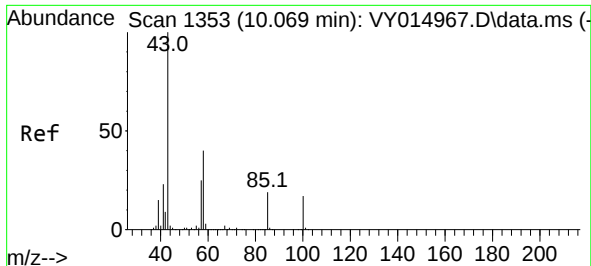
Tgt Ion: 98 Resp: 677162

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

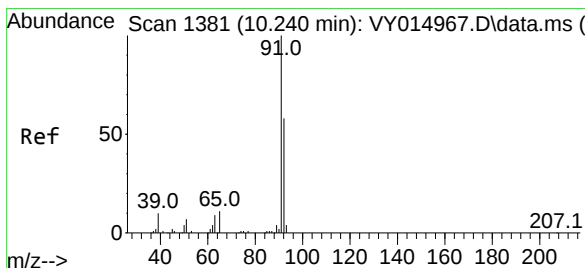
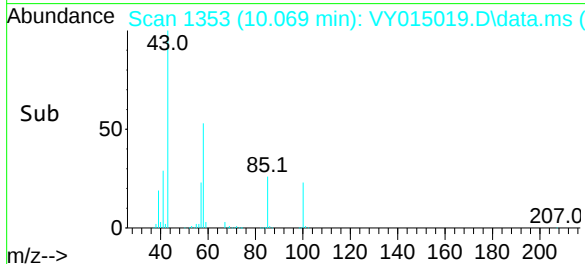
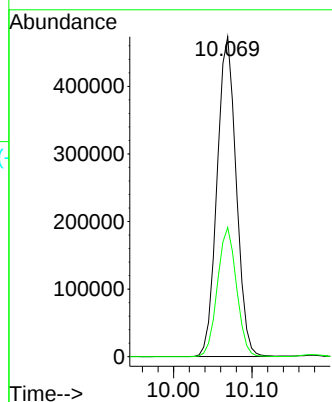
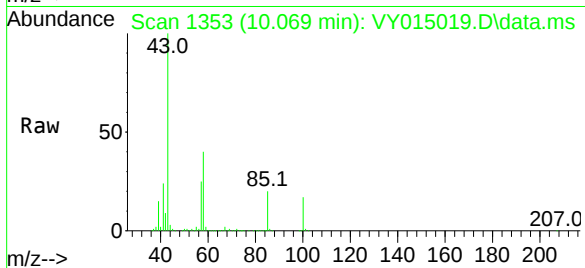




#51
4-Methyl-2-Pentanone
Concen: 234.811 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

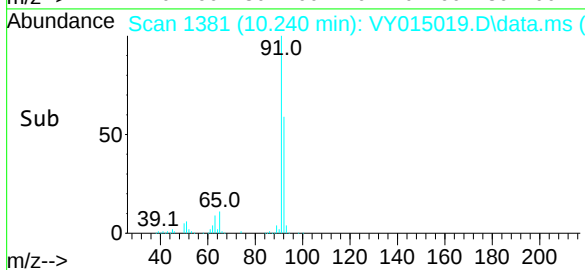
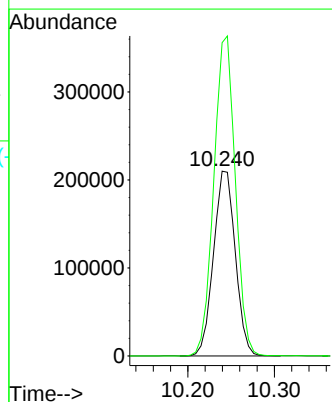
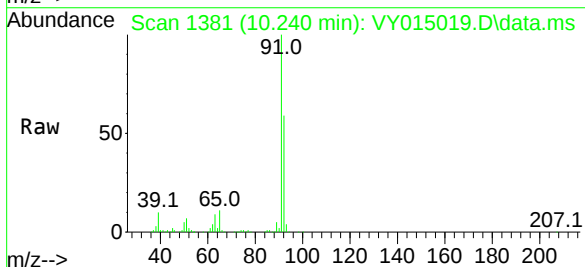
Instrument :
MSVOA_Y
ClientSampleId :

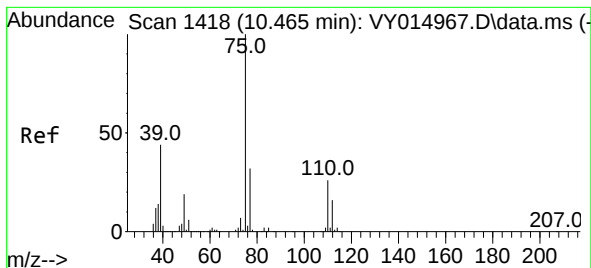
Tgt Ion: 43 Resp: 806563
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 46.956 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 92 Resp: 367753
Ion Ratio Lower Upper
92 100
91 170.6 143.8 215.6

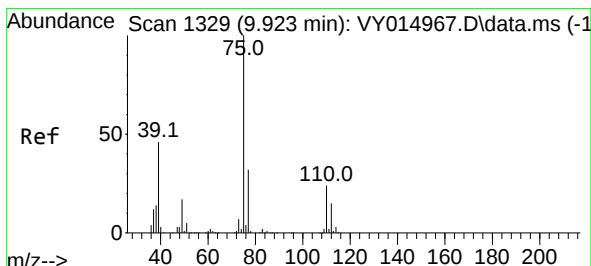
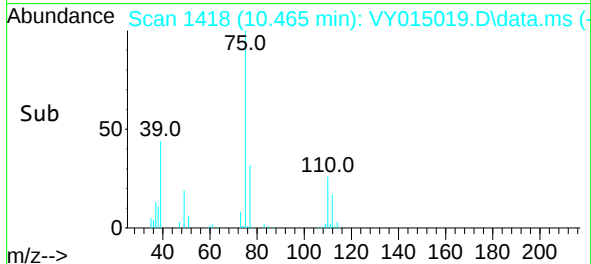
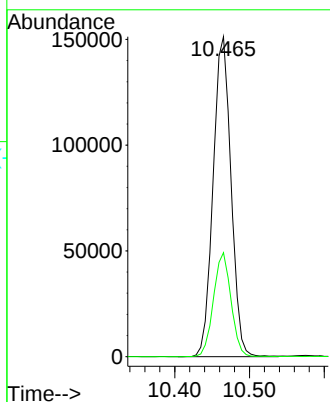
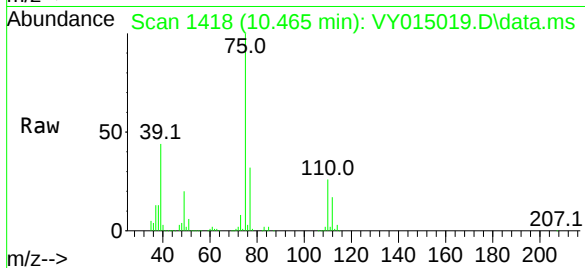




#53
 t-1,3-Dichloropropene
 Concen: 50.311 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

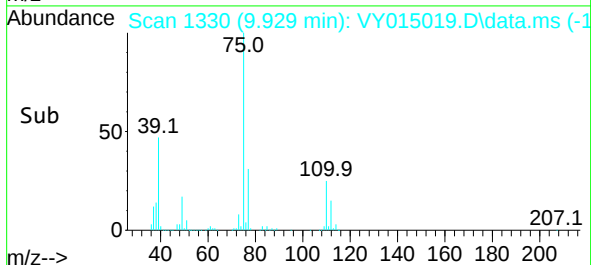
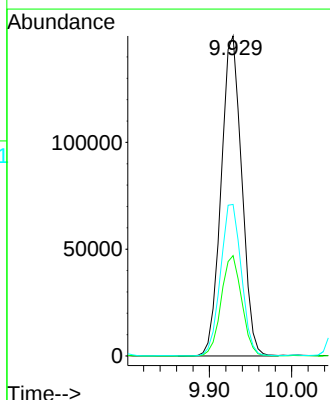
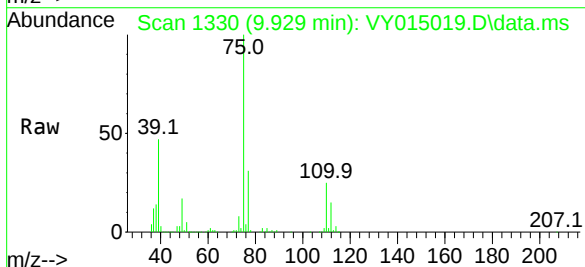
Instrument :
 MSVOA_Y
 ClientSampleId :

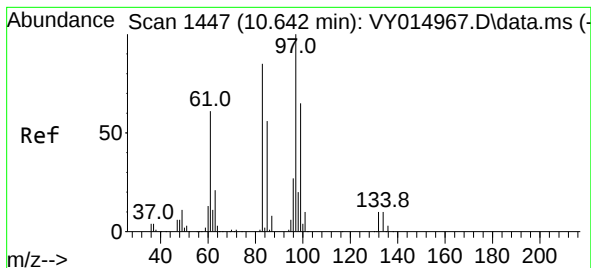
Tgt Ion: 75 Resp: 251395
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.304 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

Tgt Ion: 75 Resp: 260776
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 47.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 48.966 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 148289

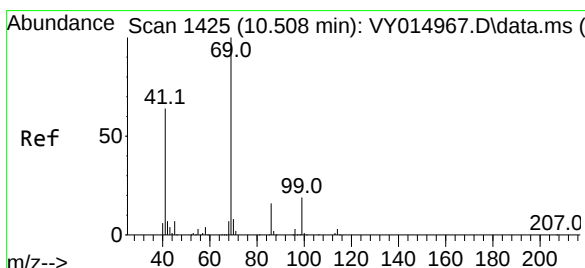
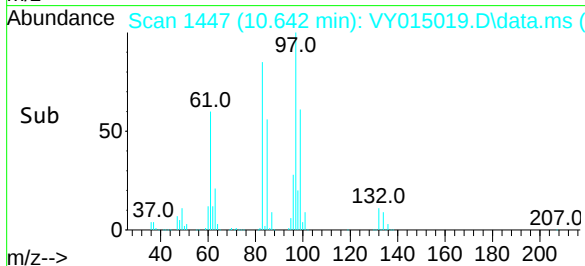
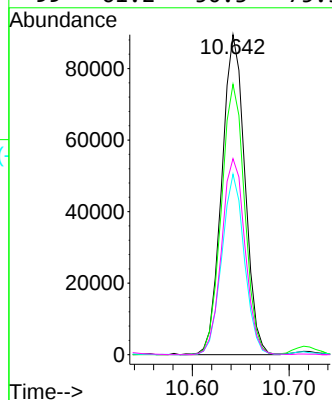
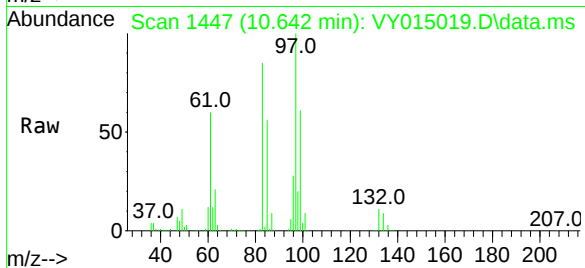
Ion Ratio Lower Upper

97 100

83 84.5 72.0 108.0

85 56.4 45.4 68.0

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.508 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

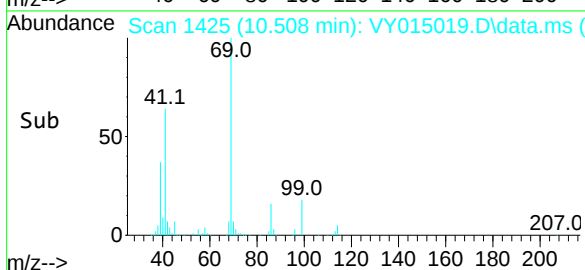
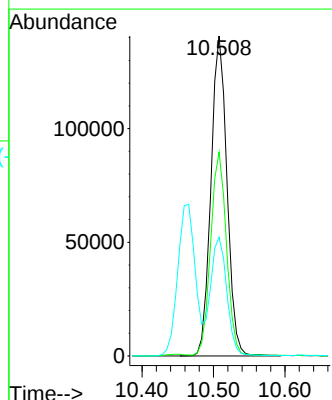
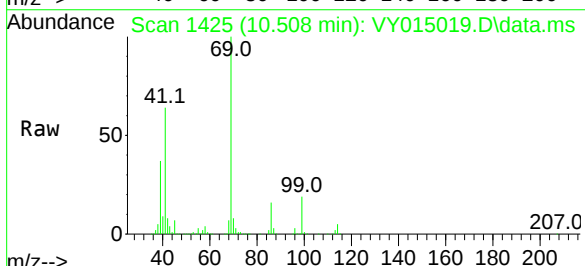
Tgt Ion: 69 Resp: 219021

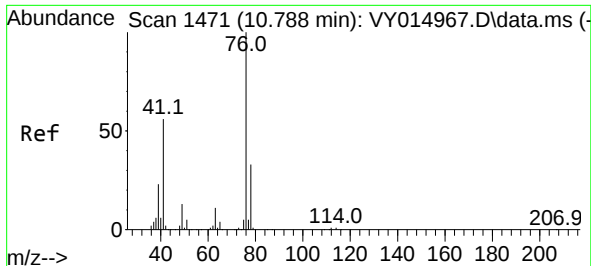
Ion Ratio Lower Upper

69 100

41 62.8 57.6 86.4

39 38.0 34.1 51.1





#57

1,3-Dichloropropane

Concen: 48.840 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

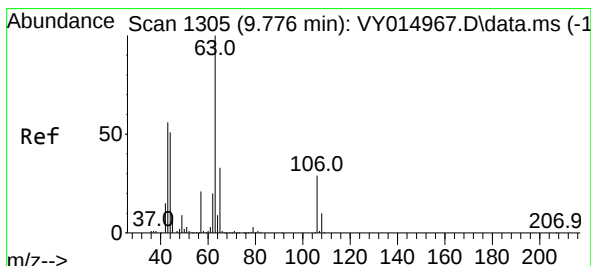
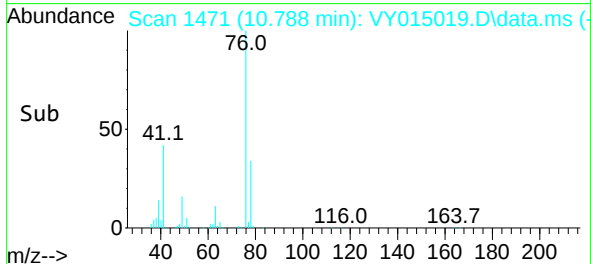
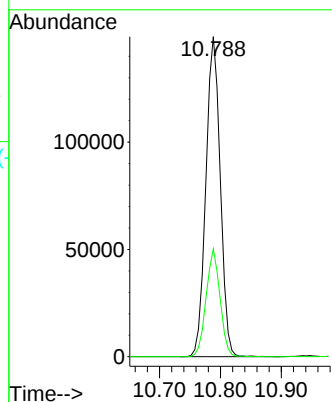
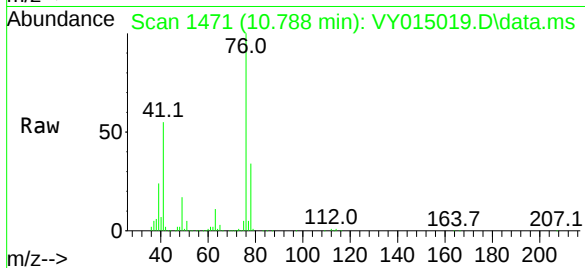
ClientSampleId :

Tgt Ion: 76 Resp: 244711

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 230.136 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015019.D

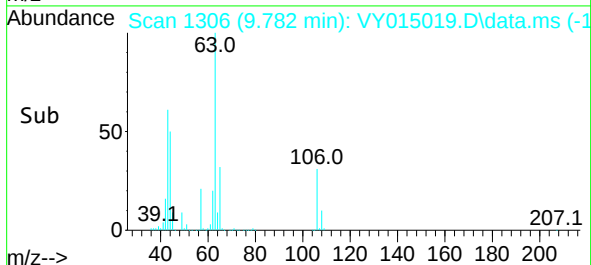
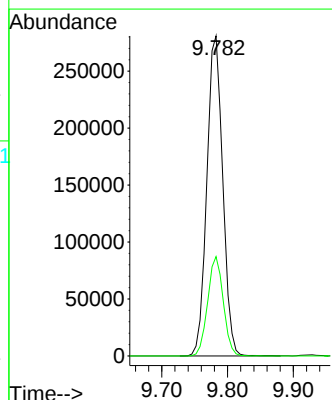
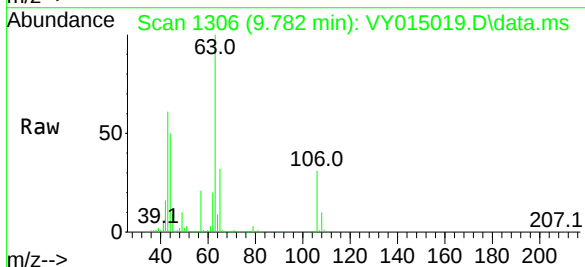
Acq: 10 Aug 2023 11:12

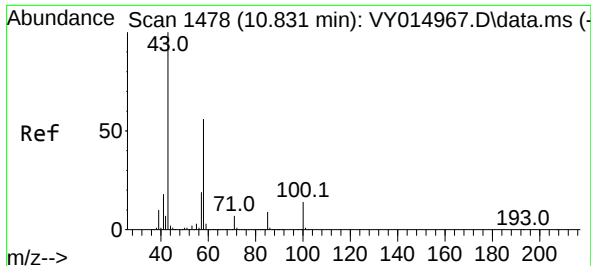
Tgt Ion: 63 Resp: 471864

Ion Ratio Lower Upper

63 100

106 30.5 21.2 31.8

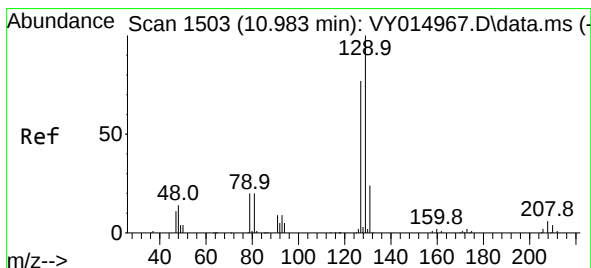
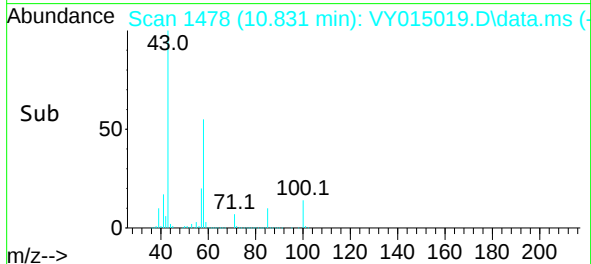
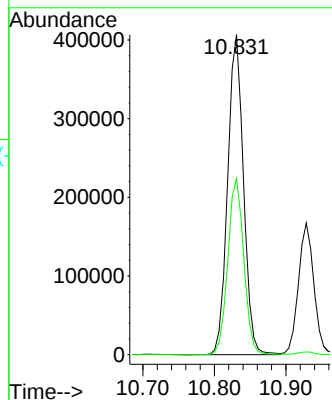
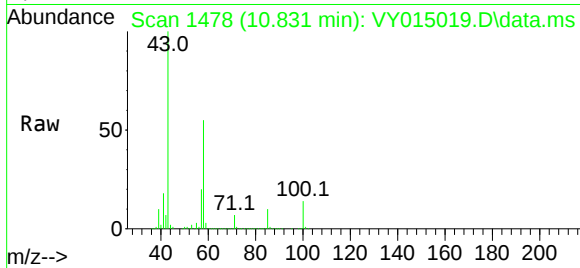




#59
2-Hexanone
Concen: 246.458 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

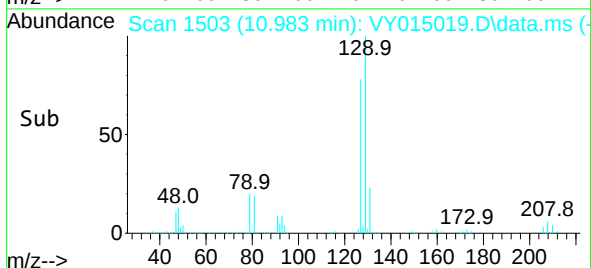
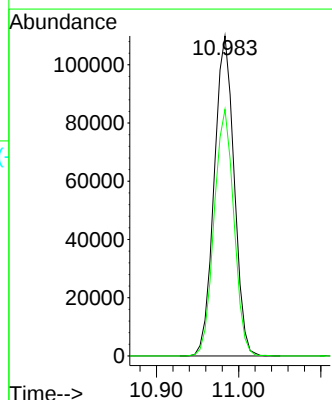
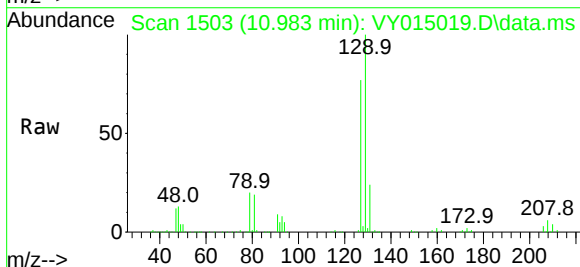
Instrument :
MSVOA_Y
ClientSampleId :

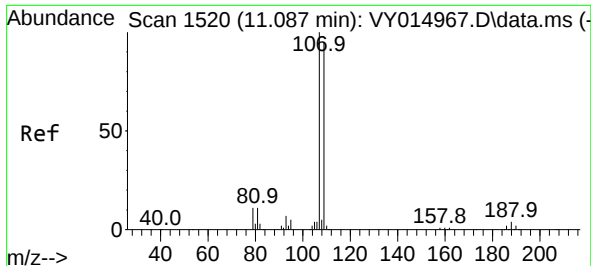
Tgt Ion: 43 Resp: 625373
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 51.352 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 129 Resp: 185169
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

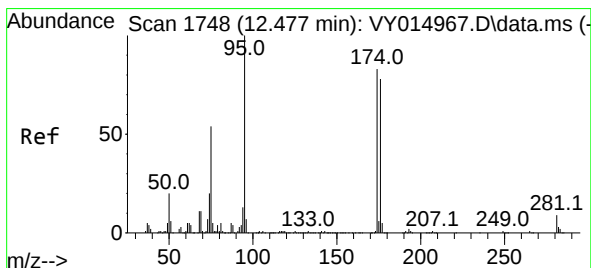
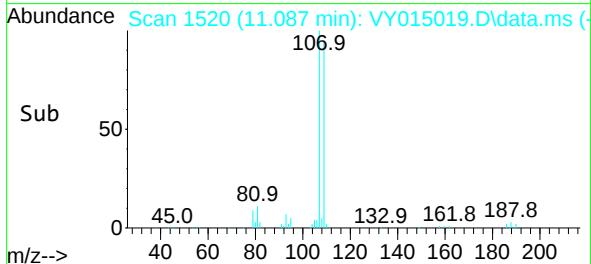
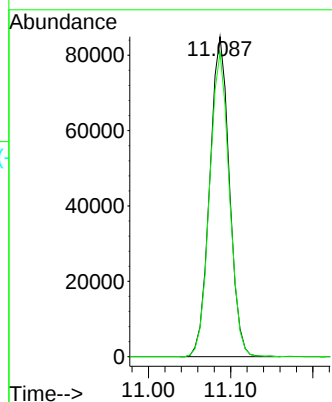
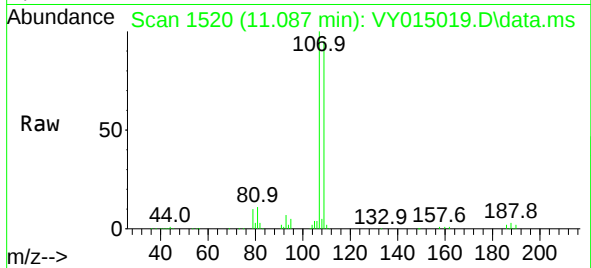




#61
1,2-Dibromoethane
Concen: 48.675 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

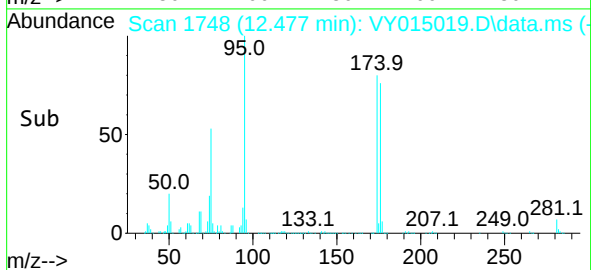
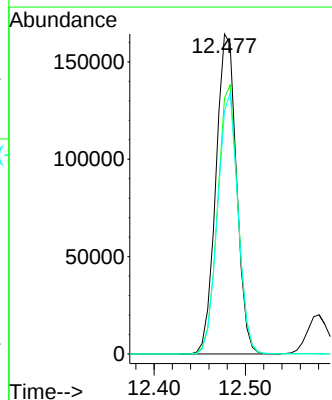
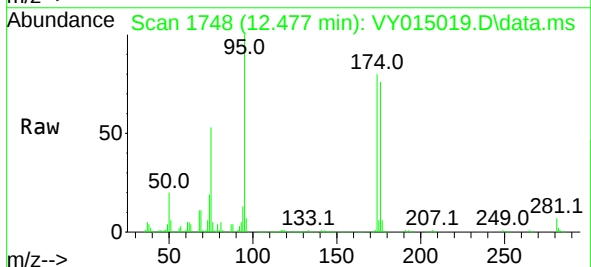
Instrument :
MSVOA_Y
ClientSampleId :

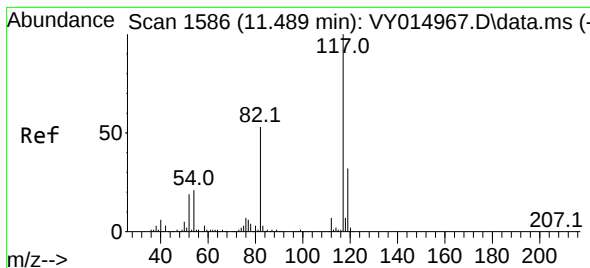
Tgt Ion:107 Resp: 140701
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.306 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 95 Resp: 257358
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

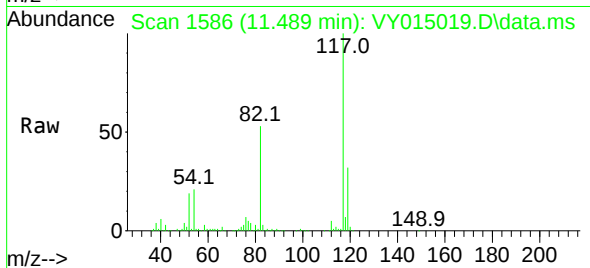
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :



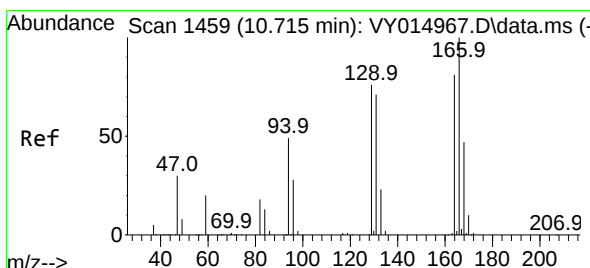
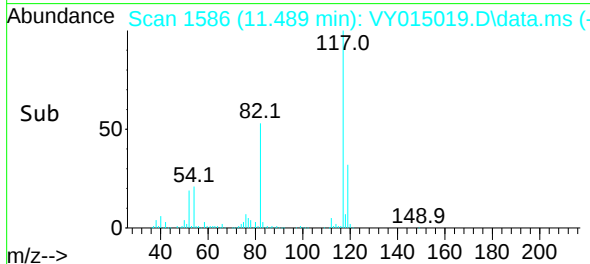
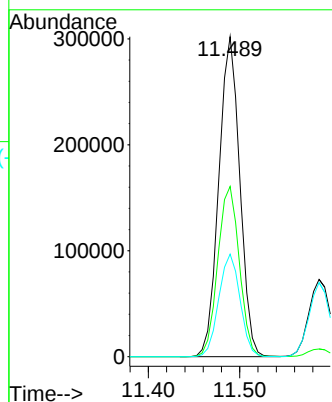
Tgt Ion:117 Resp: 482317

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 50.892 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Tgt Ion:164 Resp: 184641

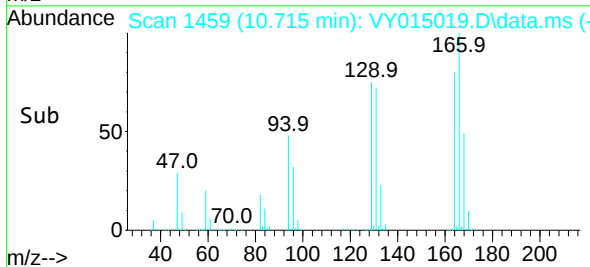
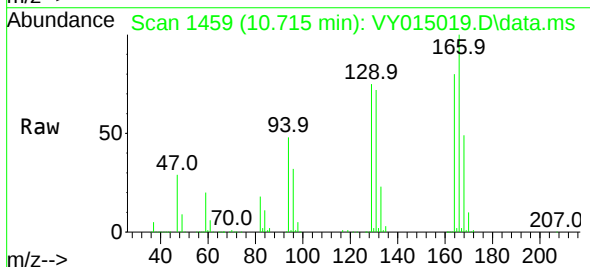
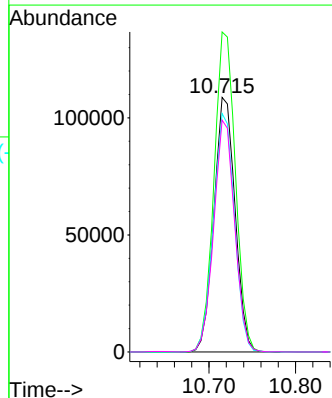
Ion Ratio Lower Upper

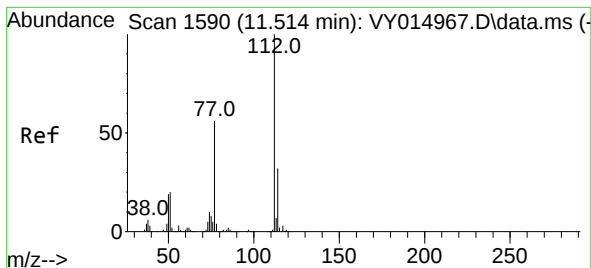
164 100

166 125.7 103.0 154.6

129 93.7 77.2 115.8

131 91.1 69.6 104.4





#65

Chlorobenzene

Concen: 47.184 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

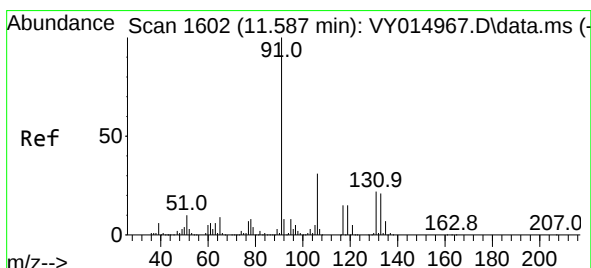
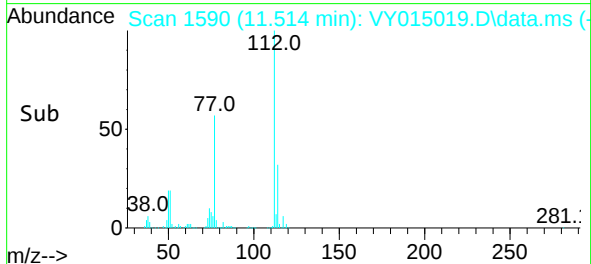
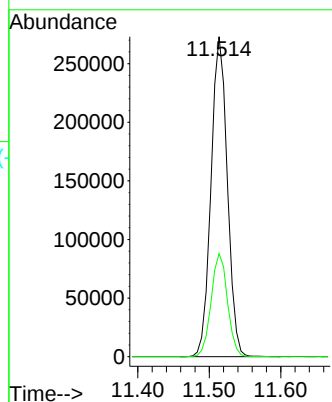
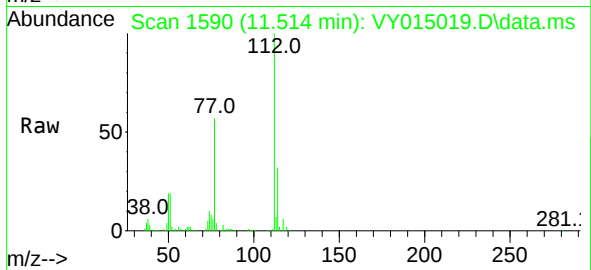
ClientSampleId :

Tgt Ion:112 Resp: 431826

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.472 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

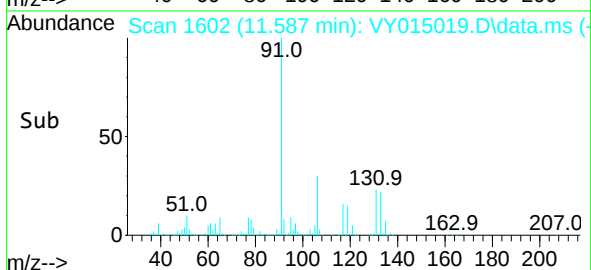
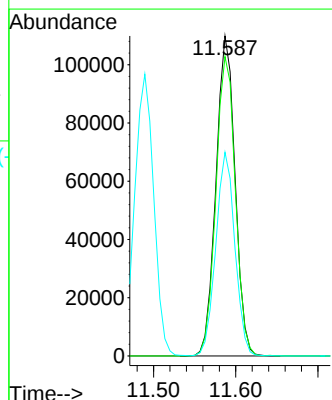
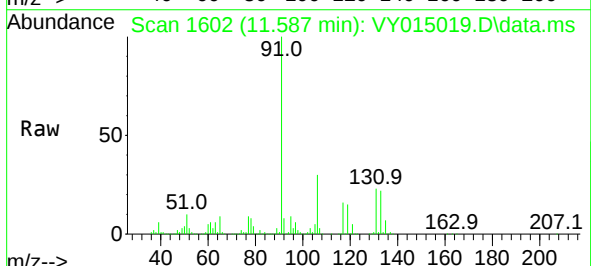
Tgt Ion:131 Resp: 177417

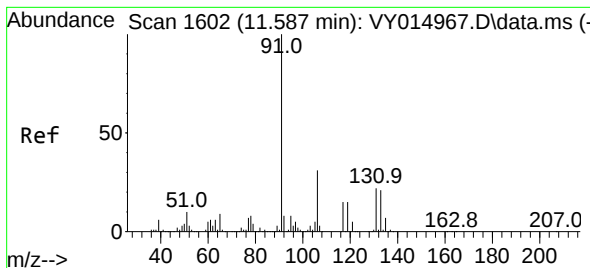
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 63.6 31.6 94.7





#67

Ethyl Benzene

Concen: 46.715 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

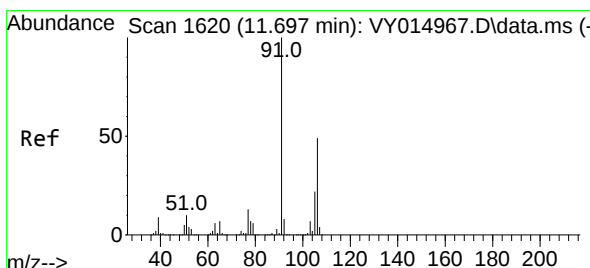
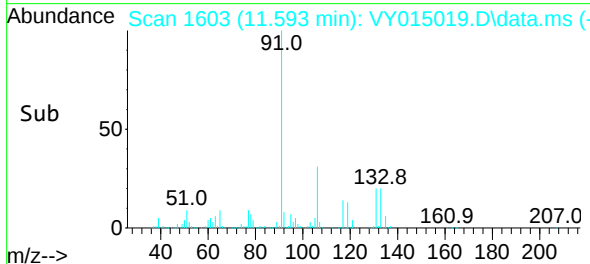
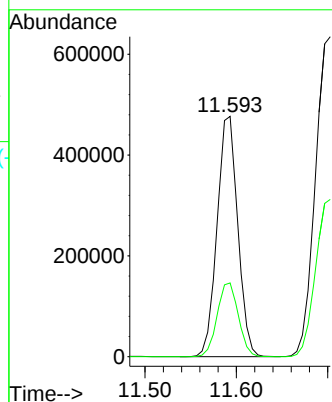
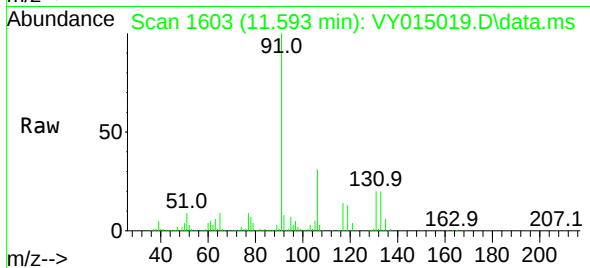
ClientSampleId :

Tgt Ion: 91 Resp: 750310

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 93.285 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015019.D

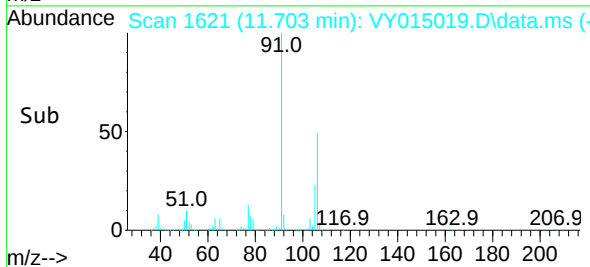
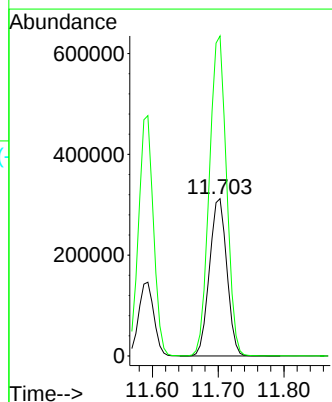
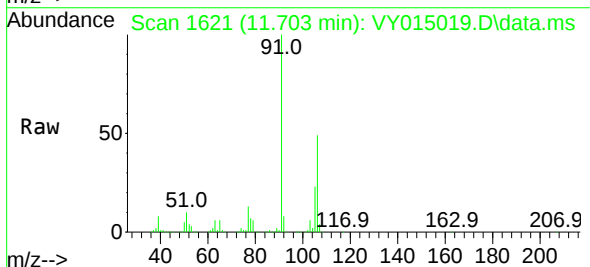
Acq: 10 Aug 2023 11:12

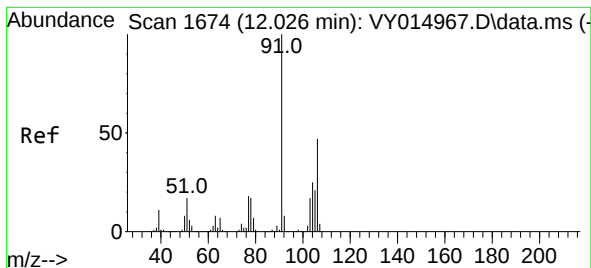
Tgt Ion:106 Resp: 573171

Ion Ratio Lower Upper

106 100

91 201.7 166.1 249.1





#69

o-Xylene

Concen: 47.951 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

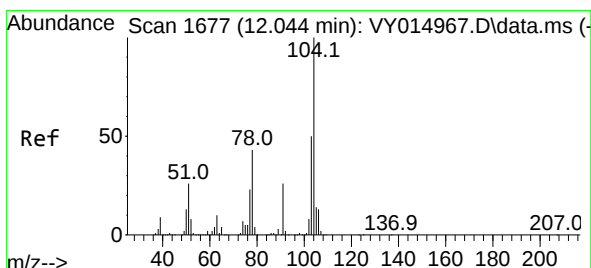
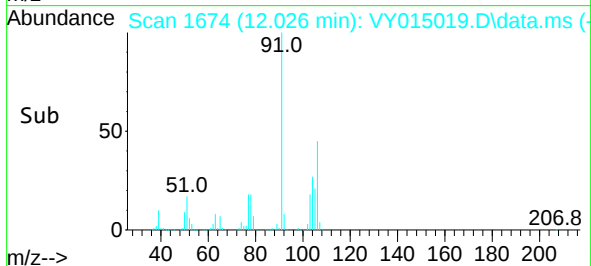
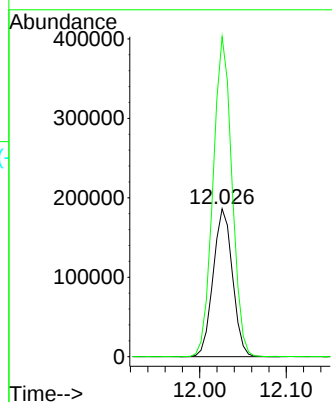
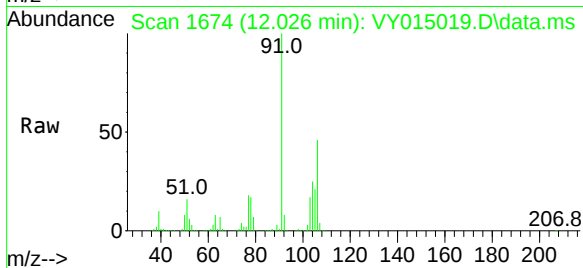
ClientSampleId :

Tgt Ion:106 Resp: 288294

Ion Ratio Lower Upper

106 100

91 212.2 108.1 324.3



#70

Styrene

Concen: 48.240 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

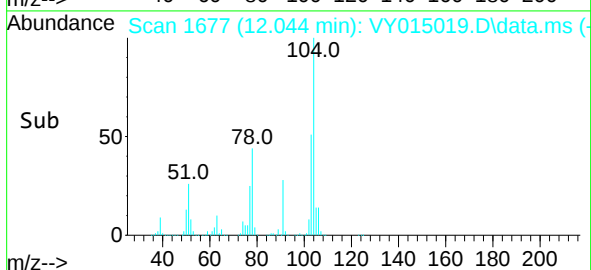
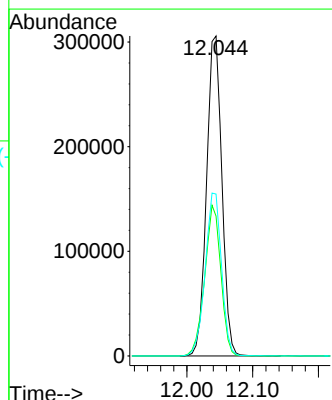
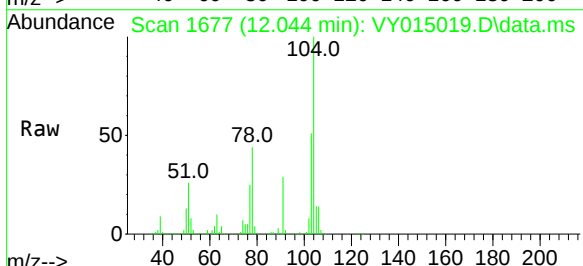
Tgt Ion:104 Resp: 495656

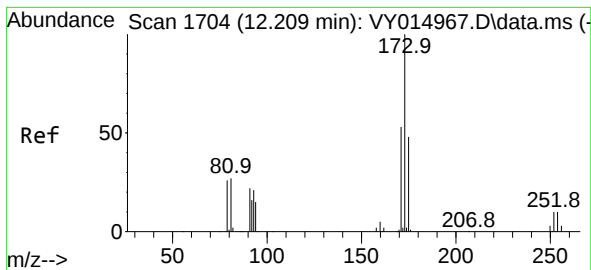
Ion Ratio Lower Upper

104 100

78 49.7 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 50.478 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

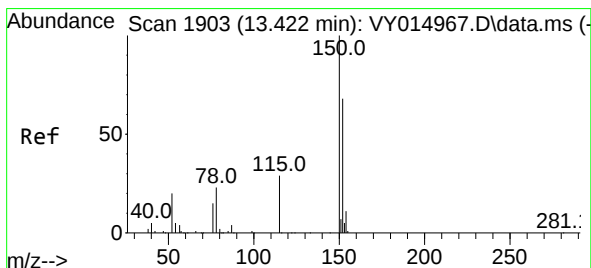
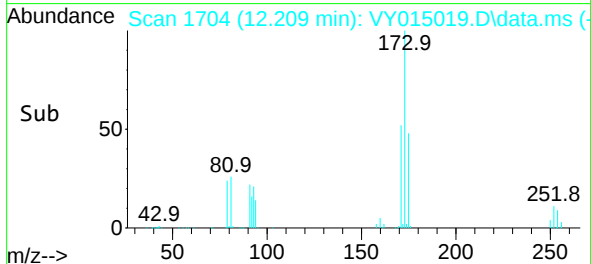
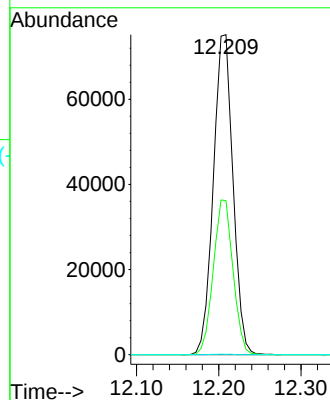
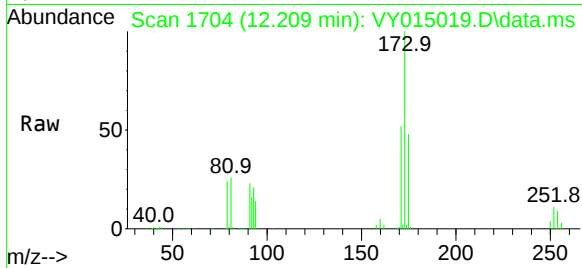
Tgt Ion:173 Resp: 124775

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

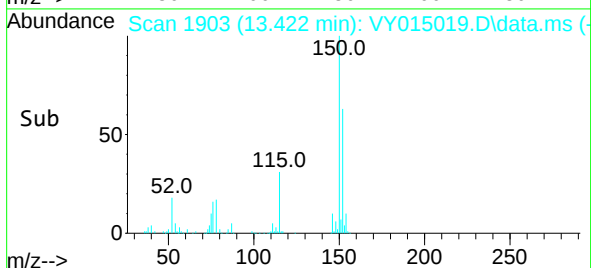
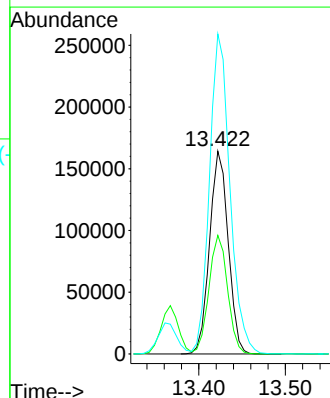
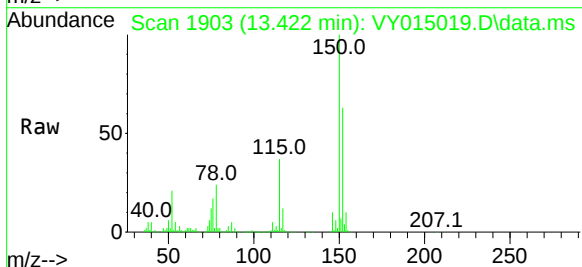
Tgt Ion:152 Resp: 245403

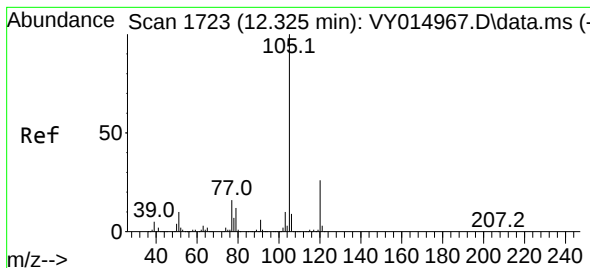
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 173.1 0.0 348.8





#73

Isopropylbenzene

Concen: 45.598 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

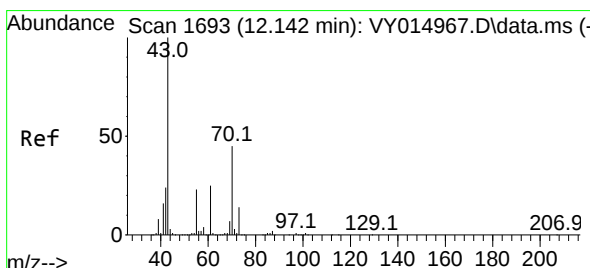
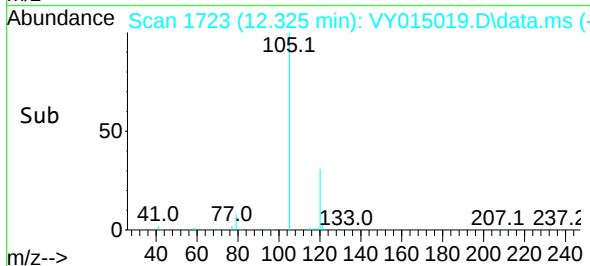
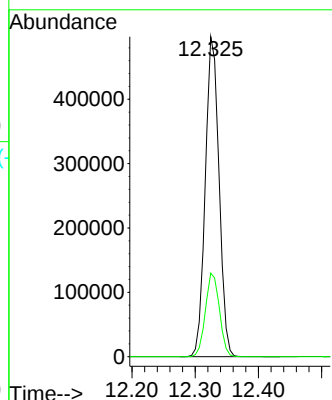
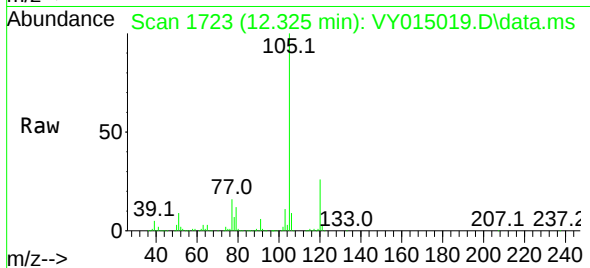
ClientSampleId :

Tgt Ion:105 Resp: 752197

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 46.367 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Tgt Ion: 43 Resp: 261335

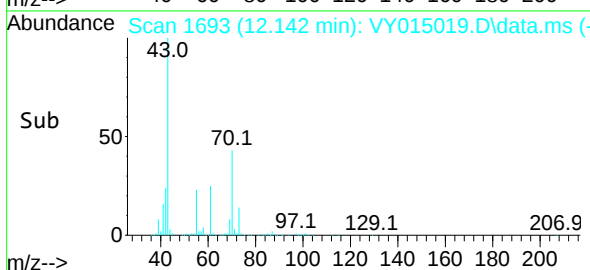
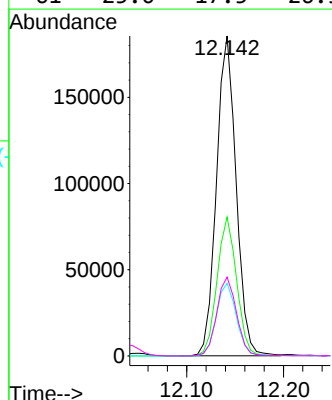
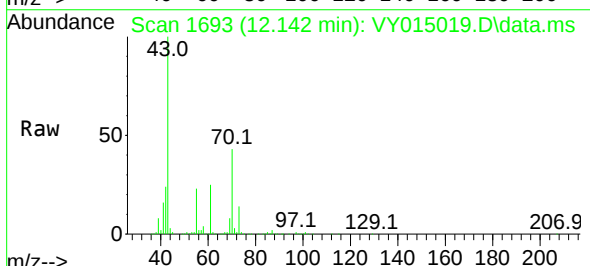
Ion Ratio Lower Upper

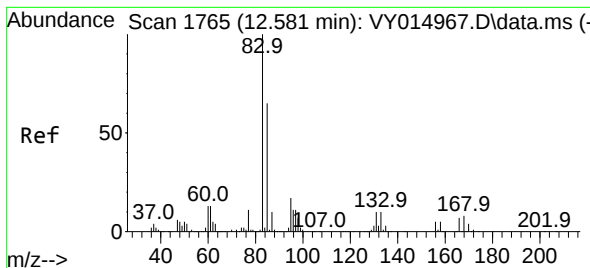
43 100

70 43.5 29.7 44.5

55 23.4 18.3 27.5

61 25.0 17.5 26.3

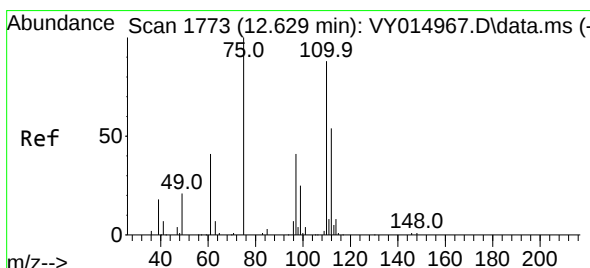
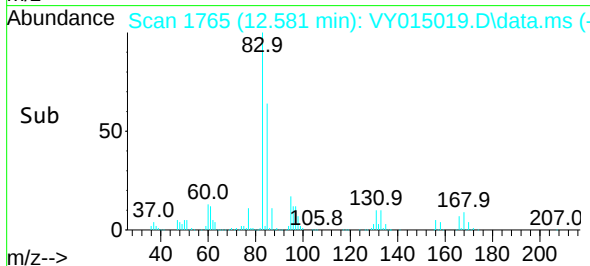
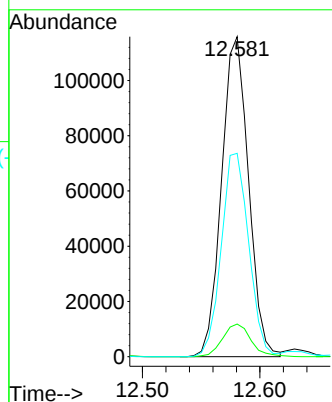
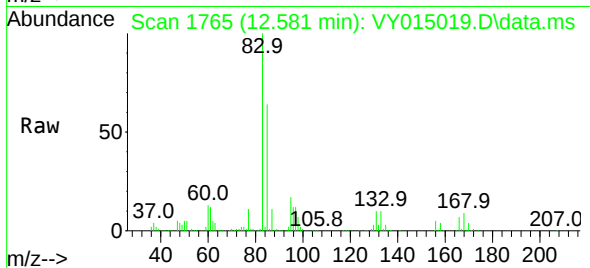




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.820 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

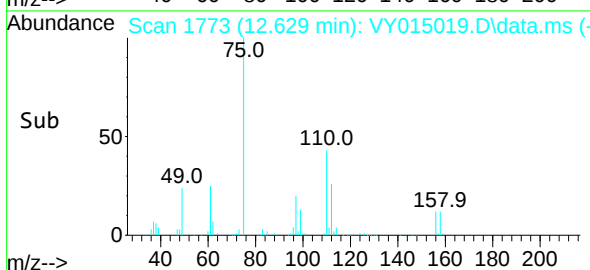
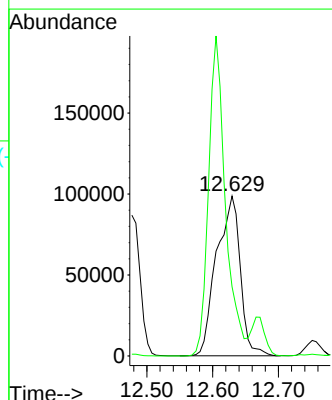
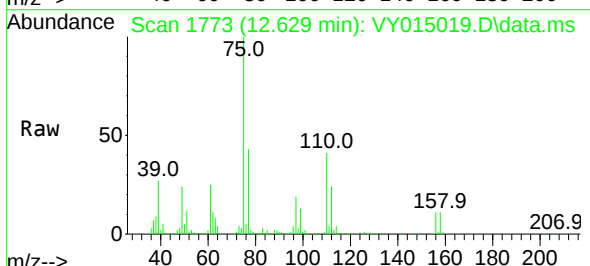
Instrument :
 MSVOA_Y
 ClientSampleId :

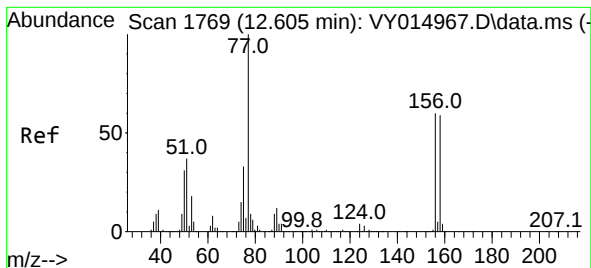
Tgt Ion: 83 Resp: 184717
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 64.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 84.427 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

Tgt Ion: 75 Resp: 248259
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.436 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

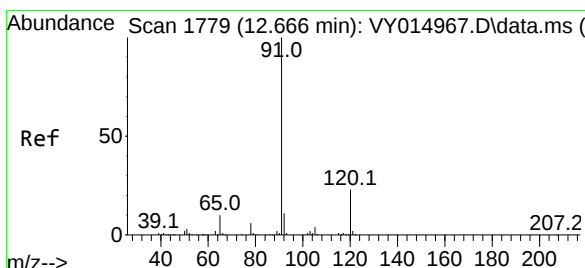
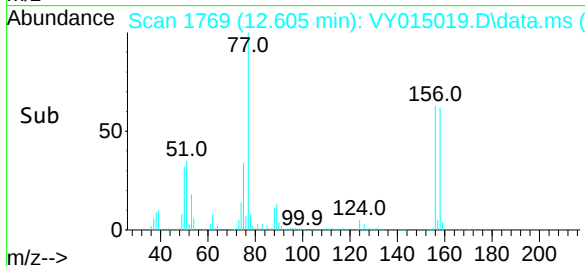
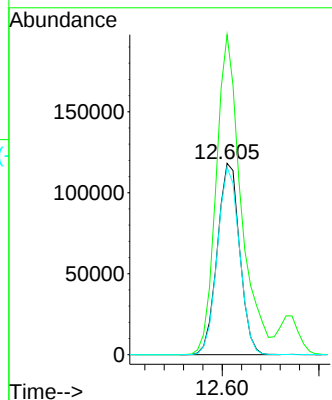
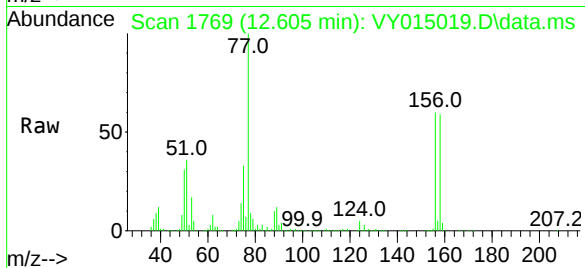
Tgt Ion:156 Resp: 189810

Ion Ratio Lower Upper

156 100

77 185.0 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 45.557 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY015019.D

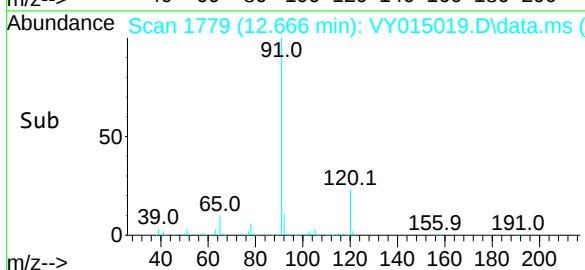
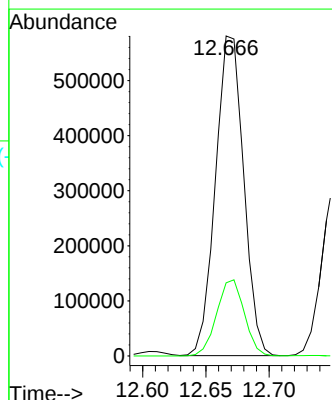
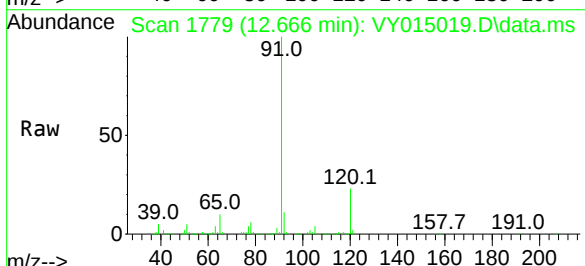
Acq: 10 Aug 2023 11:12

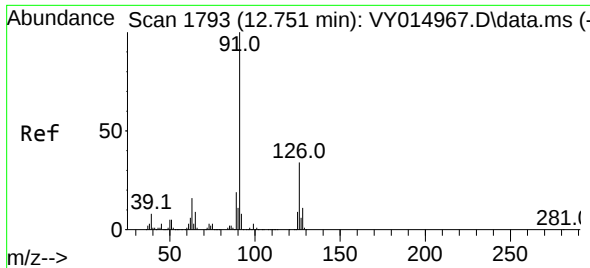
Tgt Ion: 91 Resp: 898867

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

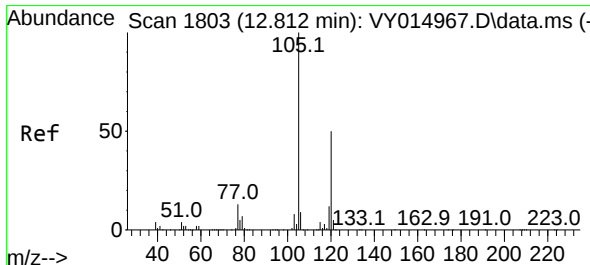
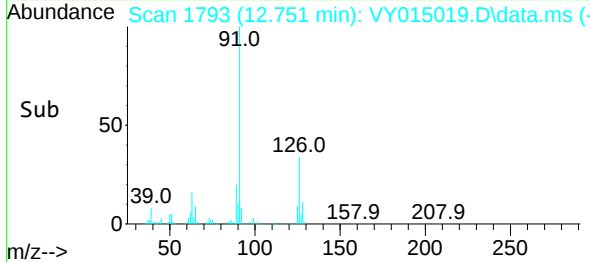
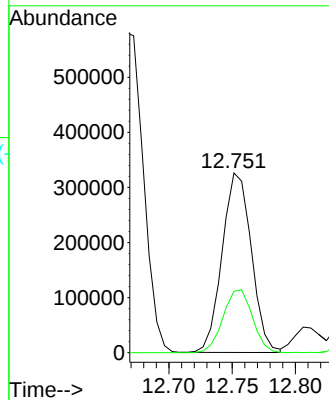
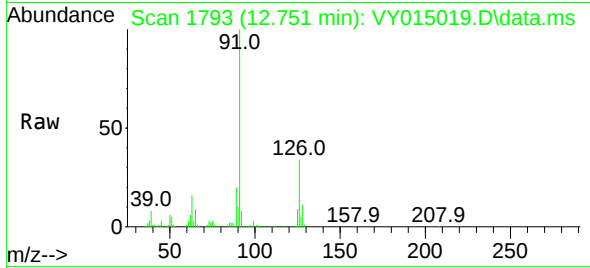




#79
2-Chlorotoluene
Concen: 46.605 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

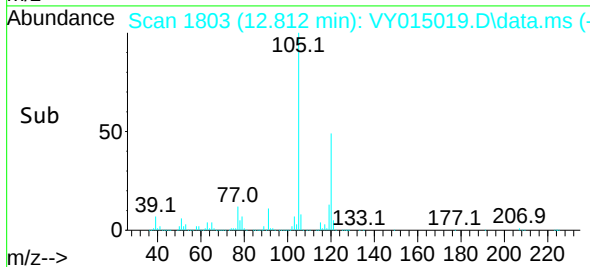
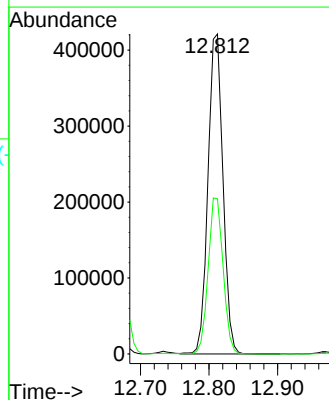
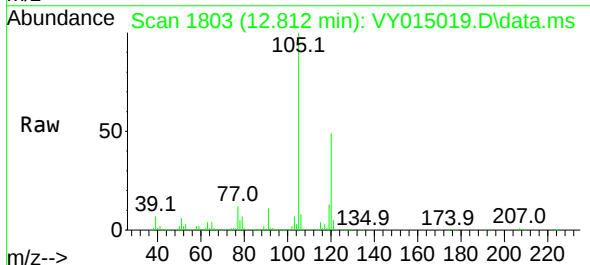
Instrument :
MSVOA_Y
ClientSampleId :

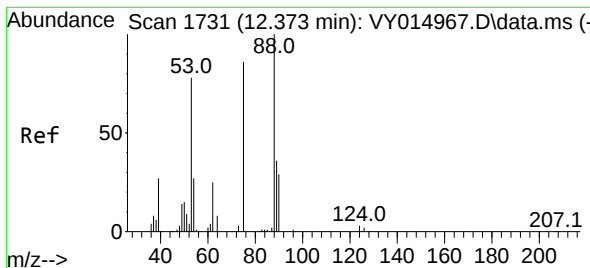
Tgt Ion: 91 Resp: 524062
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.083 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 105 Resp: 640052
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

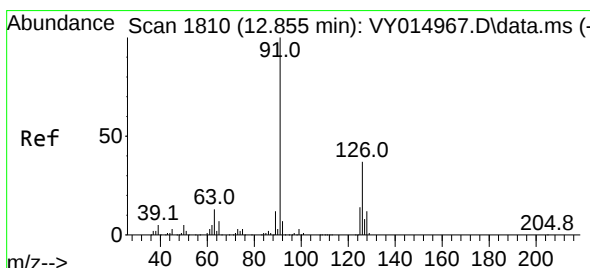
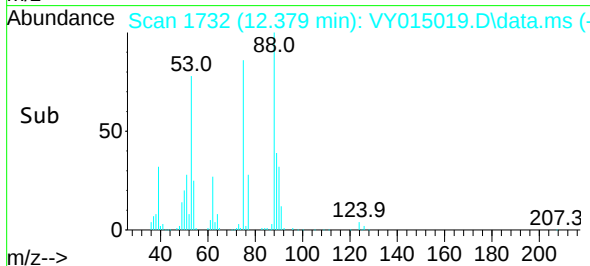
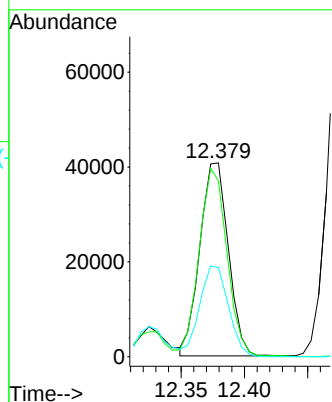
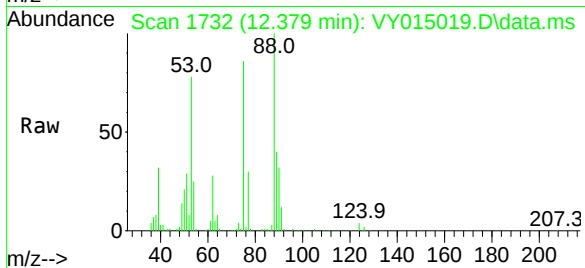




#81
trans-1,4-Dichloro-2-butene
Concen: 47.806 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

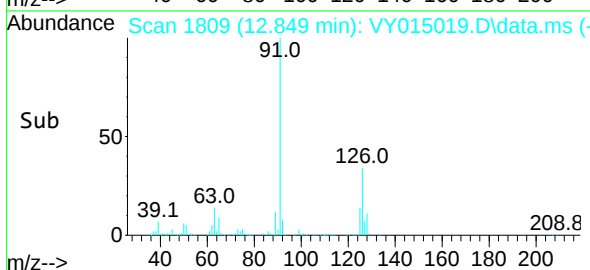
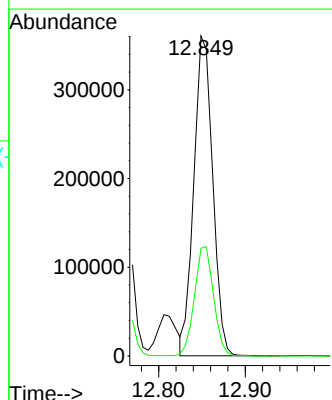
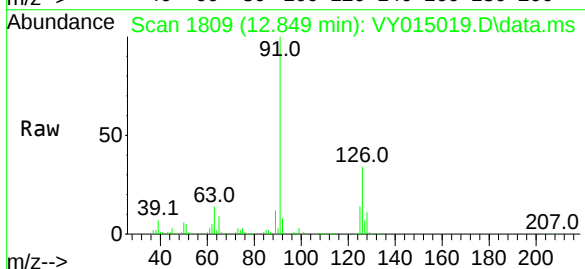
Instrument :
MSVOA_Y
ClientSampleId :

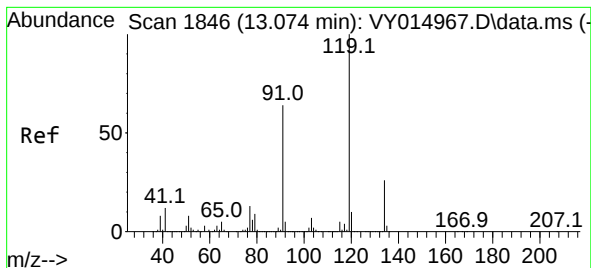
Tgt Ion: 75 Resp: 63810
Ion Ratio Lower Upper
75 100
53 96.3 77.8 116.8
89 47.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.967 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 91 Resp: 545977
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.227 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

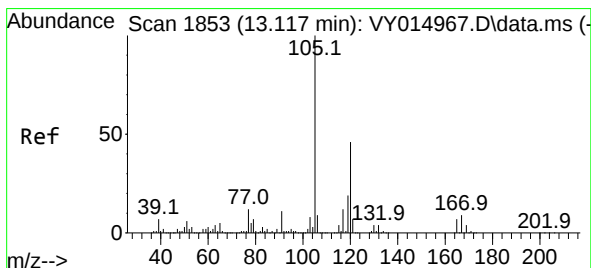
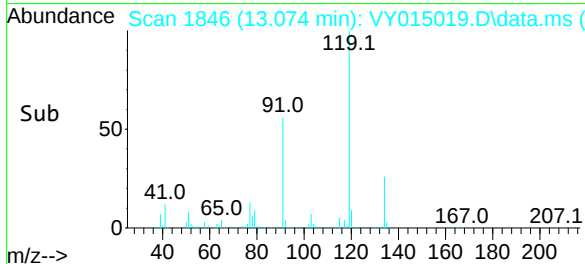
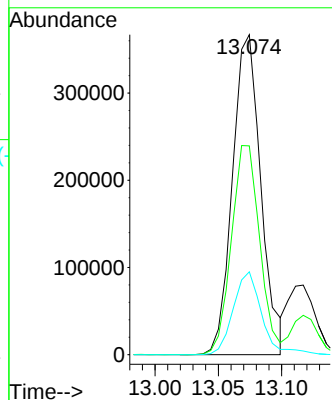
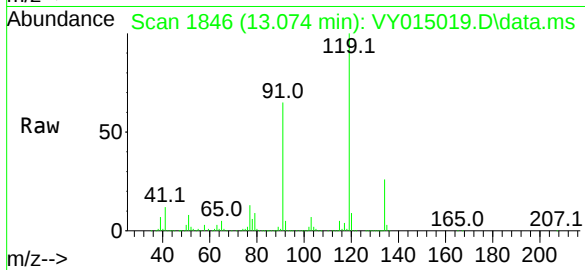
Tgt Ion:119 Resp: 574876

Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.034 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015019.D

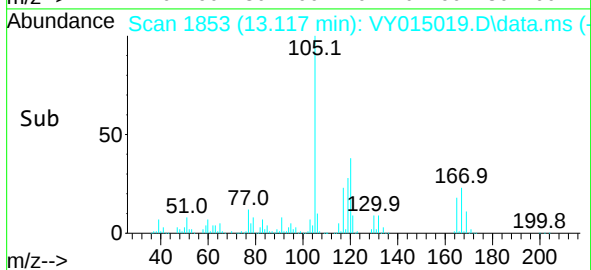
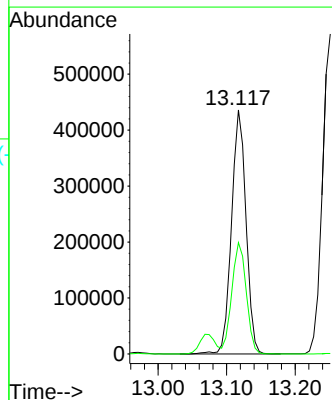
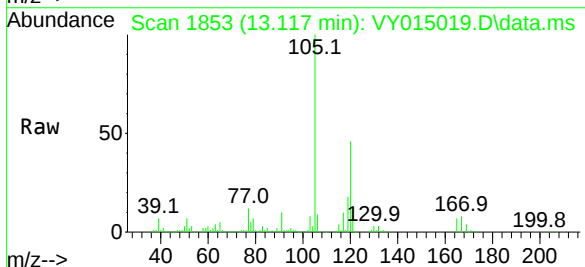
Acq: 10 Aug 2023 11:12

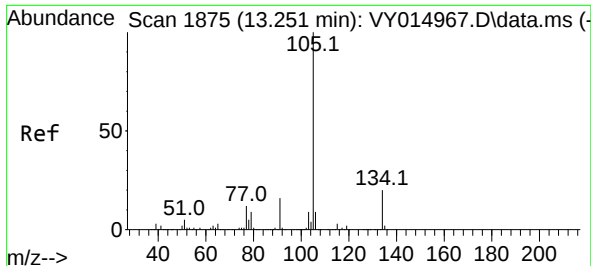
Tgt Ion:105 Resp: 640607

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6

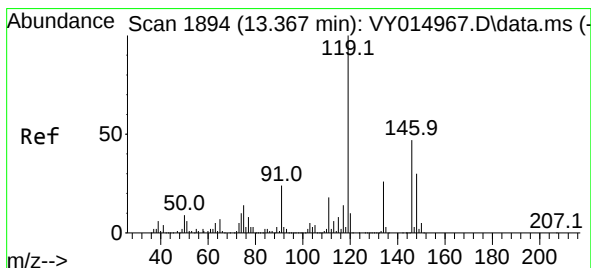
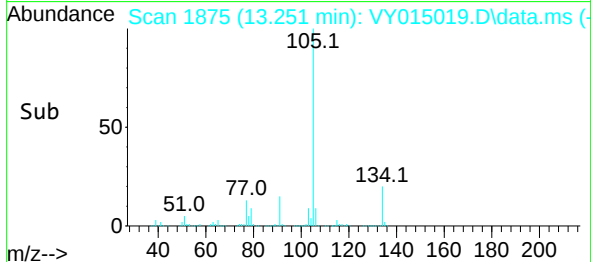
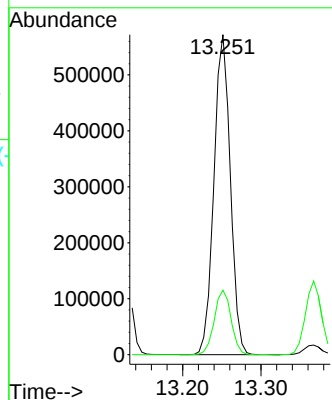
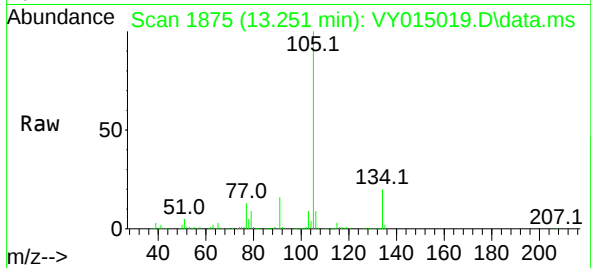




#85
 sec-Butylbenzene
 Concen: 45.549 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

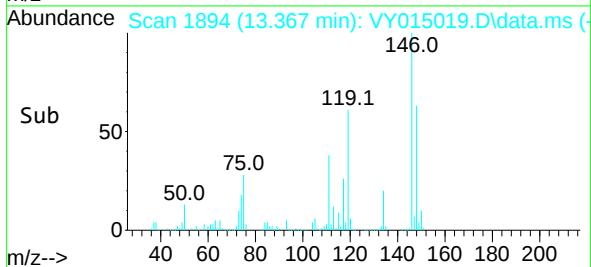
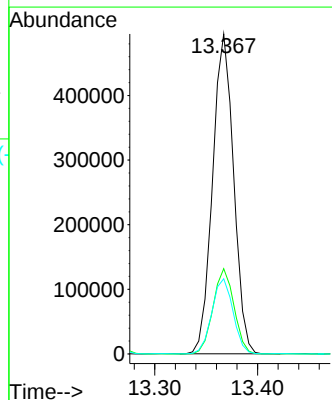
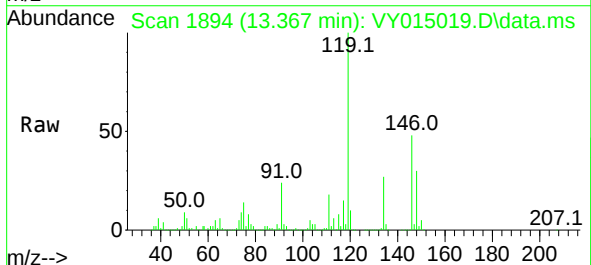
Instrument :
 MSVOA_Y
 ClientSampleId :

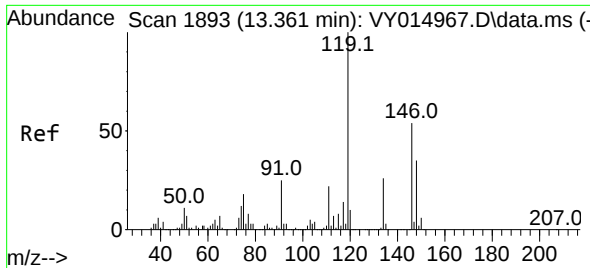
Tgt Ion:105 Resp: 831359
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 46.631 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015019.D
 Acq: 10 Aug 2023 11:12

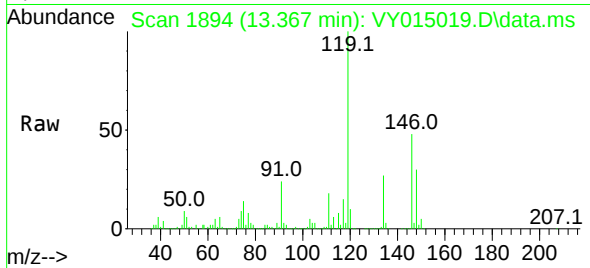
Tgt Ion:119 Resp: 704497
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.7 12.4 37.4



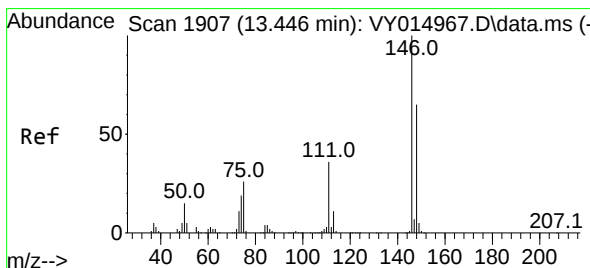
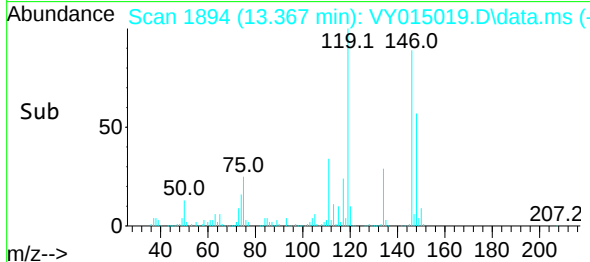
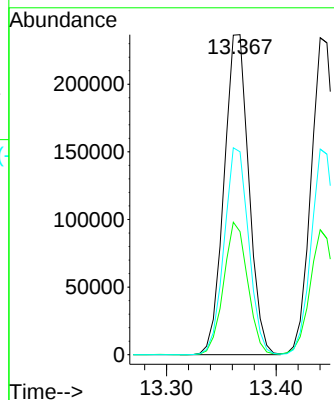


#87
1,3-Dichlorobenzene
Concen: 47.413 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

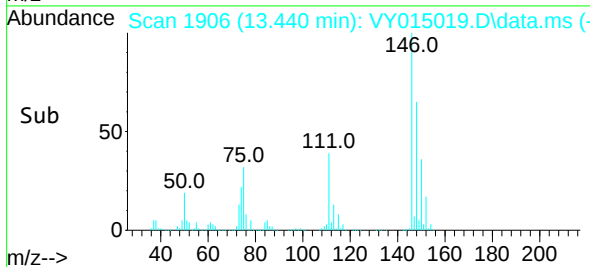
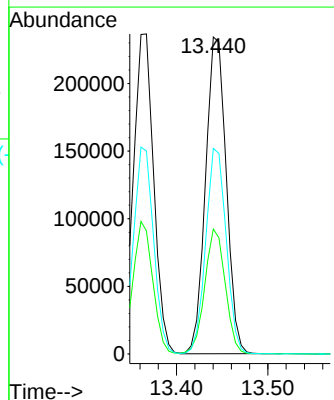
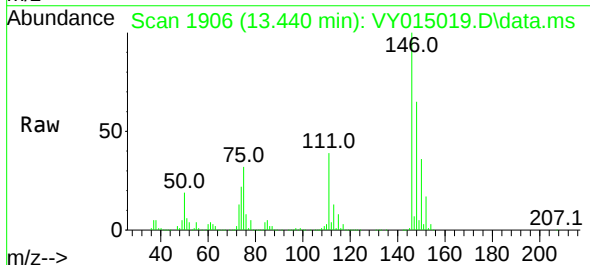


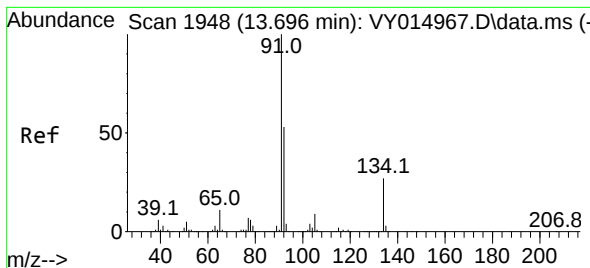
Tgt Ion:146 Resp: 371356
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.157 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion:146 Resp: 368340
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 45.973 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

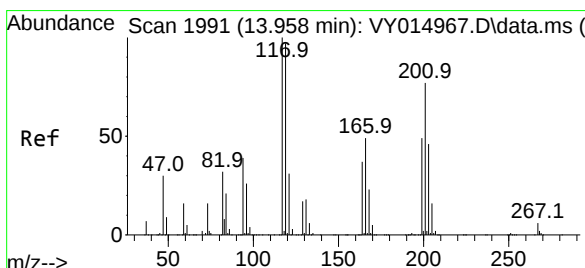
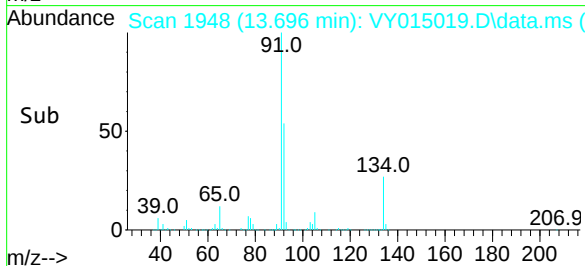
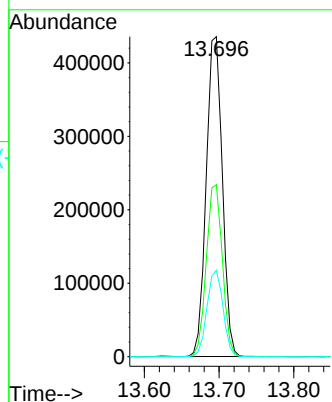
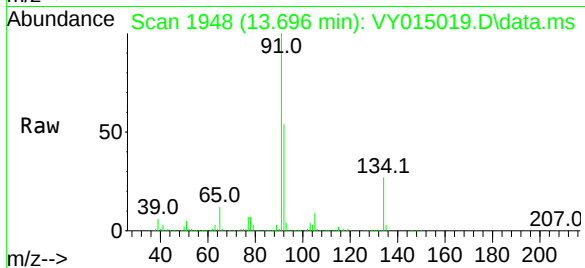
Tgt Ion: 91 Resp: 652595

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 48.023 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015019.D

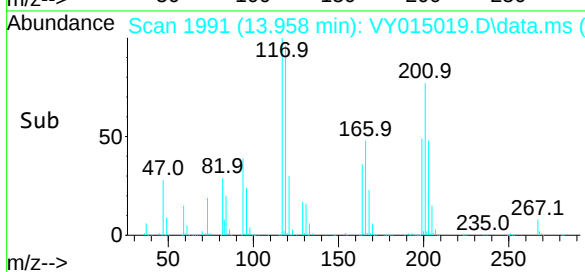
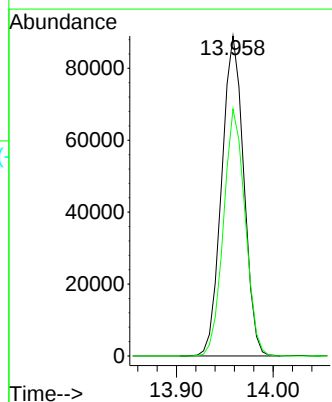
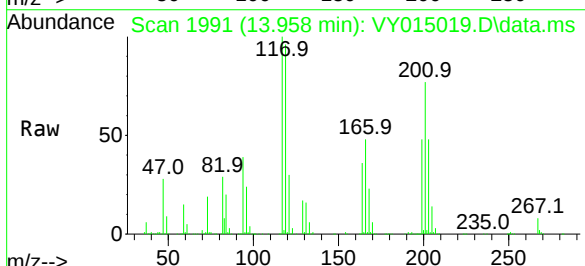
Acq: 10 Aug 2023 11:12

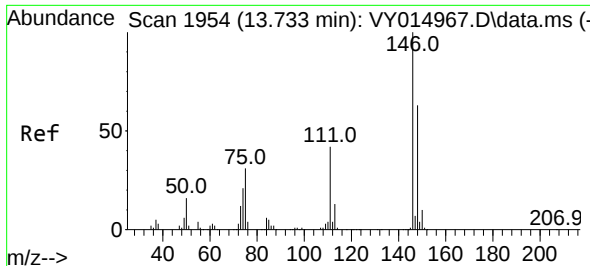
Tgt Ion: 117 Resp: 140895

Ion Ratio Lower Upper

117 100

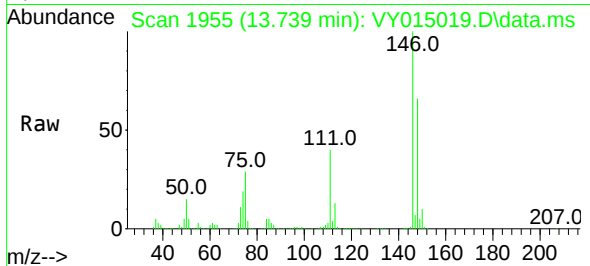
201 75.7 41.6 124.8



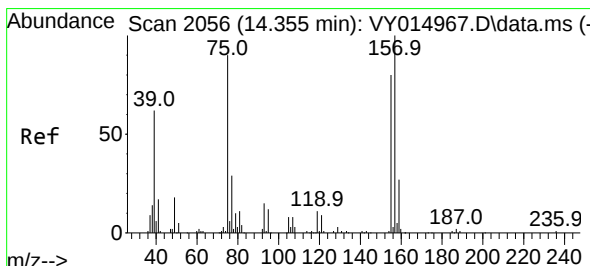
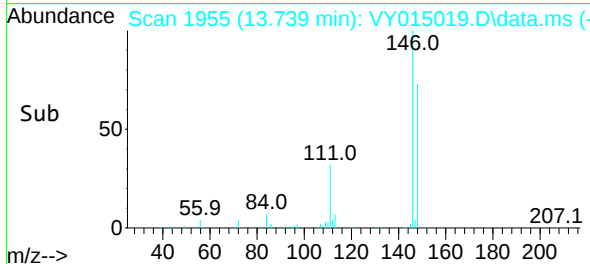
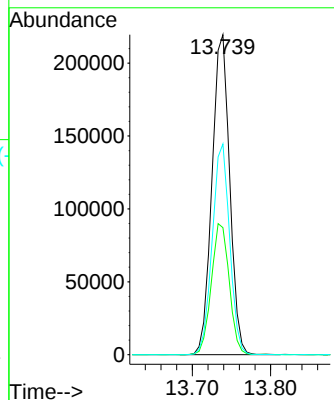


#91
1,2-Dichlorobenzene
Concen: 47.577 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :

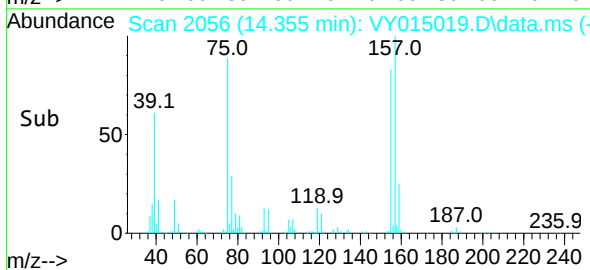
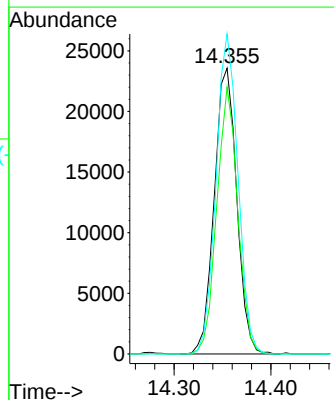
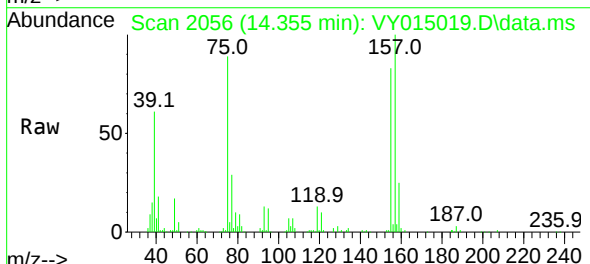


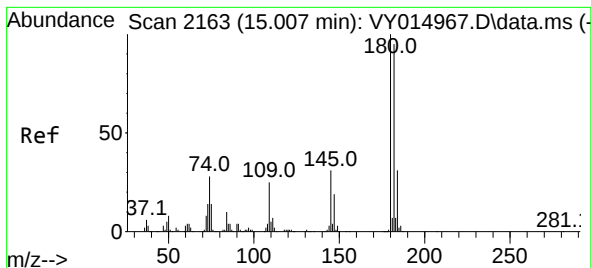
Tgt Ion:146 Resp: 343914
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 64.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.323 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015019.D
Acq: 10 Aug 2023 11:12

Tgt Ion: 75 Resp: 38036
Ion Ratio Lower Upper
75 100
155 87.0 41.5 124.6
157 109.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.409 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

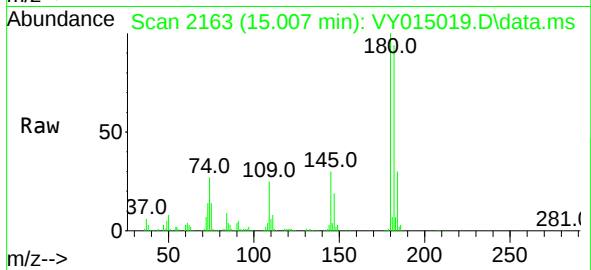
Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :



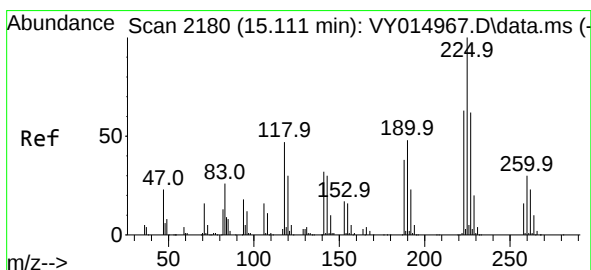
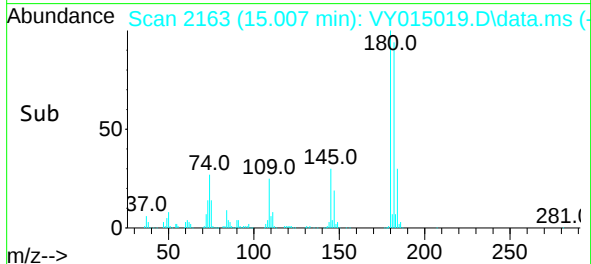
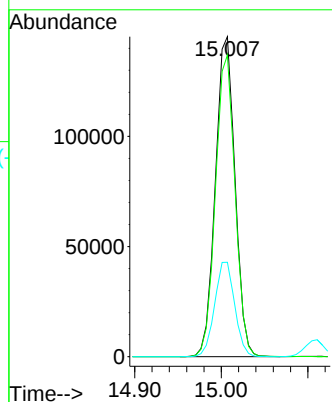
Tgt Ion:180 Resp: 228545

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.218 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

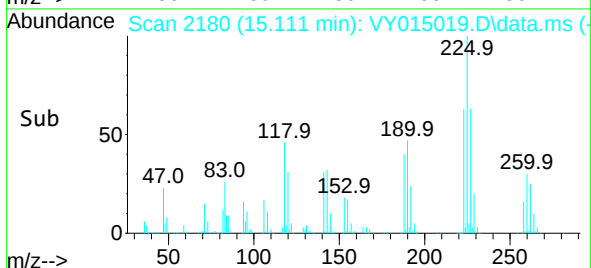
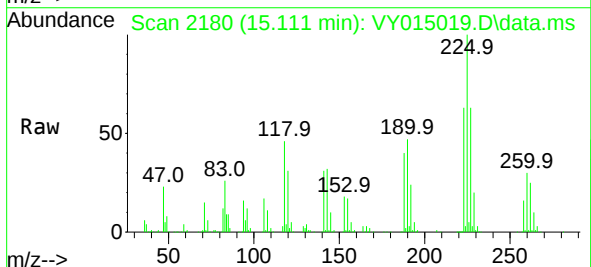
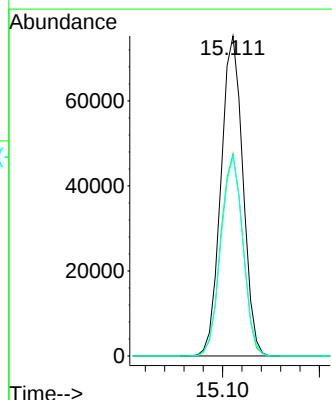
Tgt Ion:225 Resp: 118436

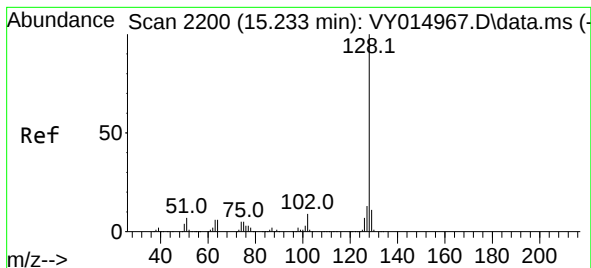
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 52.432 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

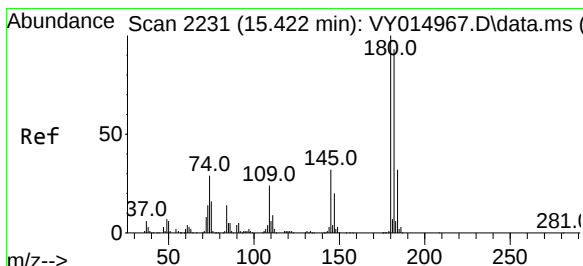
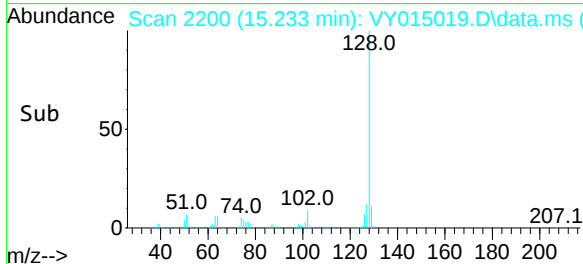
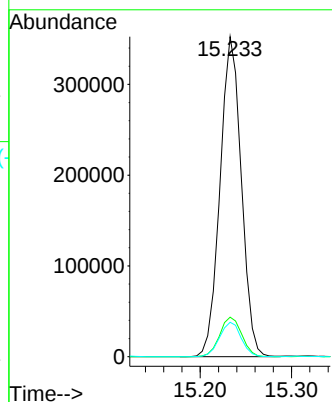
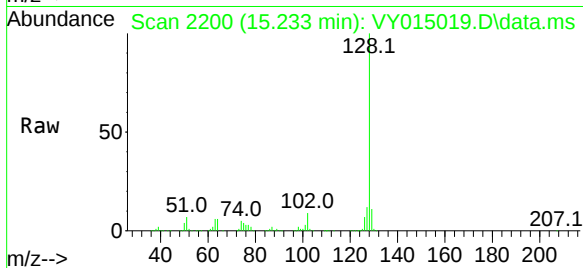
Tgt Ion:128 Resp: 570653

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.803 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015019.D

Acq: 10 Aug 2023 11:12

Tgt Ion:180 Resp: 204333

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 32.0 15.4 46.2

