

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015529.D
 Acq On : 14 Sep 2023 11:35
 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: Sep 15 03:57:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109211	58.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.460%	
35) Dibromofluoromethane	7.710	113	102589	59.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.860%	
50) Toluene-d8	10.179	98	339730	54.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.600%	
62) 4-Bromofluorobenzene	12.483	95	134521	58.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61470	40.418	ug/l	97
3) Chloromethane	2.107	50	91719	45.410	ug/l	99
4) Vinyl Chloride	2.247	62	103369	43.969	ug/l	95
5) Bromomethane	2.643	94	74743	44.682	ug/l	100
6) Chloroethane	2.784	64	73953	47.858	ug/l	95
7) Trichlorofluoromethane	3.113	101	151739	45.630	ug/l	97
8) Diethyl Ether	3.527	74	61974	54.532	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	87555	47.503	ug/l	96
10) Methyl Iodide	4.082	142	109890	50.770	ug/l	98
11) Tert butyl alcohol	4.972	59	112235	275.216	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	83253	47.868	ug/l	92
13) Acrolein	3.729	56	124326	239.137	ug/l	99
14) Allyl chloride	4.472	41	148149	53.501	ug/l	96
15) Acrylonitrile	5.161	53	212600	297.289	ug/l	99
16) Acetone	3.948	43	246449	314.814	ug/l	94
17) Carbon Disulfide	4.186	76	213656	41.092	ug/l	97
18) Methyl Acetate	4.479	43	176195	62.140	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	321163	56.816	ug/l	100
20) Methylene Chloride	4.710	84	138134	56.122	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	99040	49.452	ug/l	97
22) Diisopropyl ether	6.118	45	342534	56.559	ug/l	91
23) Vinyl Acetate	6.051	43	1081375	282.802	ug/l	95
24) 1,1-Dichloroethane	6.009	63	188868	53.947	ug/l	97
25) 2-Butanone	6.984	43	344329	310.116	ug/l	96
26) 2,2-Dichloropropane	6.978	77	165994	55.824	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	122855	54.073	ug/l	96
28) Bromochloromethane	7.332	49	61505	57.289	ug/l	100
29) Tetrahydrofuran	7.344	42	204874	293.829	ug/l	94
30) Chloroform	7.502	83	200386	54.448	ug/l	97
31) Cyclohexane	7.783	56	140897	42.291	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	169973	51.706	ug/l	98
36) 1,1-Dichloropropene	7.911	75	137905	45.878	ug/l	99
37) Ethyl Acetate	7.069	43	126812	54.700	ug/l	96
38) Carbon Tetrachloride	7.899	117	146327	47.133	ug/l	97
39) Methylcyclohexane	9.179	83	159584	42.170	ug/l	95
40) Benzene	8.155	78	422595	50.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	57429	52.826	ug/l	95
42) 1,2-Dichloroethane	8.234	62	143939	51.471	ug/l	94
43) Isopropyl Acetate	8.271	43	227501	56.750	ug/l	98
44) Trichloroethene	8.935	130	117140	49.368	ug/l	100
45) 1,2-Dichloropropane	9.215	63	114358	54.092	ug/l	99
46) Dibromomethane	9.301	93	74039	52.722	ug/l	96
47) Bromodichloromethane	9.496	83	162974	54.267	ug/l	98
48) Methyl methacrylate	9.289	41	102024	55.468	ug/l	92
49) 1,4-Dioxane	9.307	88	28626	1097.420	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	680124	291.894	ug/l	94
52) Toluene	10.240	92	271234	50.460	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	174653	54.722	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	188534	54.303	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	103873	54.895	ug/l	98
56) Ethyl methacrylate	10.508	69	159303	56.812	ug/l	90
57) 1,3-Dichloropropane	10.788	76	176115	54.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	285593	285.346	ug/l	95
59) 2-Hexanone	10.831	43	523252	299.284	ug/l	92
60) Dibromochloromethane	10.983	129	124242	56.098	ug/l	100
61) 1,2-Dibromoethane	11.087	107	102669	53.548	ug/l	99
64) Tetrachloroethene	10.721	164	124543	50.255	ug/l	97
65) Chlorobenzene	11.514	112	301725	51.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	116304	54.008	ug/l	98
67) Ethyl Benzene	11.593	91	528588	50.034	ug/l	98
68) m/p-Xylenes	11.703	106	409710	100.050	ug/l	96
69) o-Xylene	12.032	106	200126	51.136	ug/l	97
70) Styrene	12.044	104	348469	52.955	ug/l	97
71) Bromoform	12.209	173	86104	57.319	ug/l #	99
73) Isopropylbenzene	12.331	105	522759	49.107	ug/l	100
74) N-amyl acetate	12.142	43	199708	55.841	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	139547	54.914	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	187056	99.531	ug/l #	100
77) Bromobenzene	12.611	156	127589	50.605	ug/l	94
78) n-propylbenzene	12.672	91	634342	49.246	ug/l	100
79) 2-Chlorotoluene	12.758	91	365600	50.604	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	443469	49.806	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	49631	58.254	ug/l	96
82) 4-Chlorotoluene	12.855	91	381056	50.749	ug/l	100
83) tert-Butylbenzene	13.075	119	382727	49.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	445857	50.432	ug/l	98
85) sec-Butylbenzene	13.251	105	572734	49.237	ug/l	100
86) p-Isopropyltoluene	13.367	119	483539	49.598	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	257091	51.651	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	256001	50.880	ug/l	100
89) n-Butylbenzene	13.696	91	458172	49.932	ug/l	97
90) Hexachloroethane	13.959	117	90883	52.123	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	237213	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27791	55.284	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	150144	52.633	ug/l	99
94) Hexachlorobutadiene	15.111	225	76105	48.926	ug/l	98
95) Naphthalene	15.233	128	390196	55.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	138111	53.078	ug/l	99

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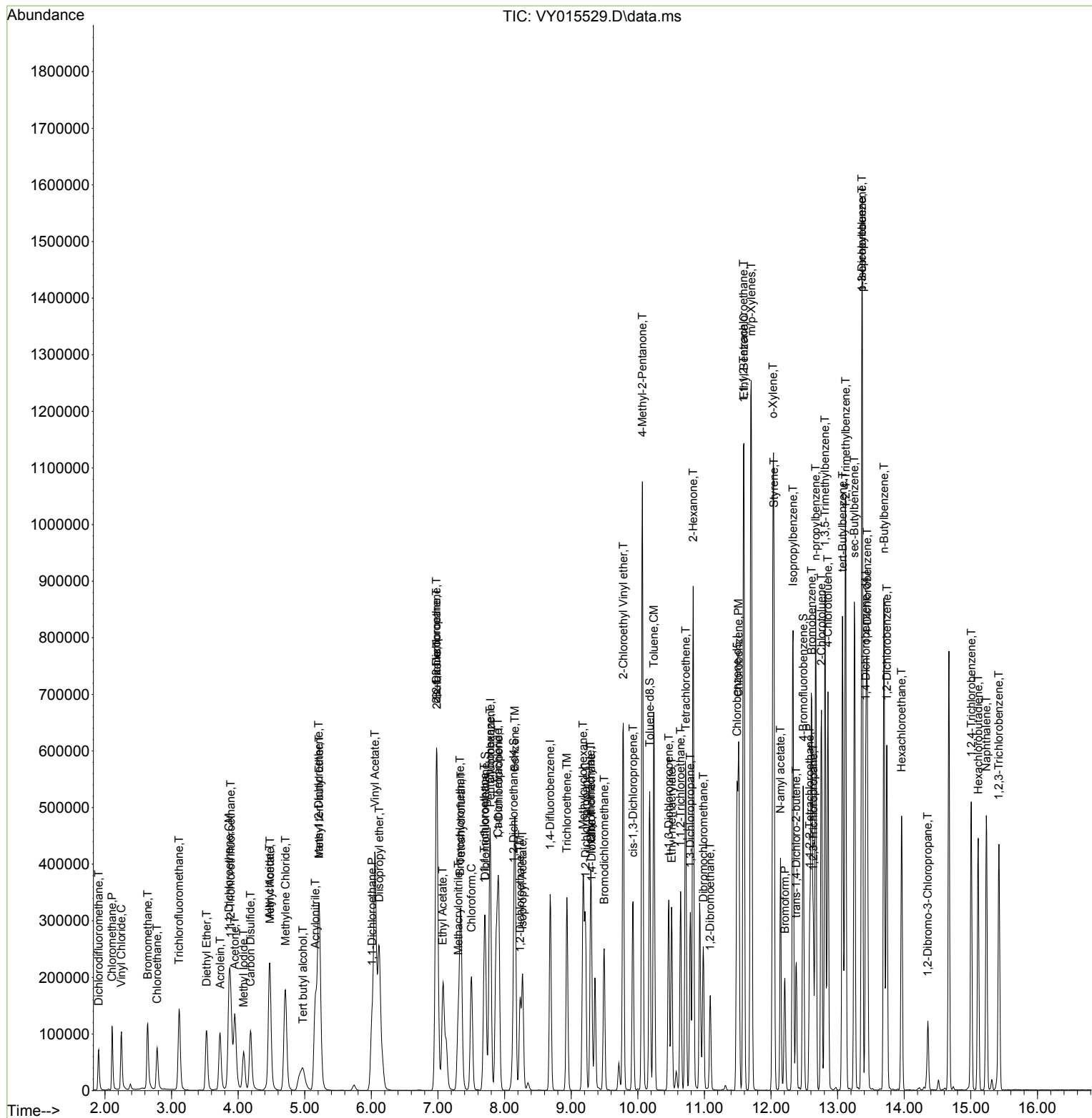
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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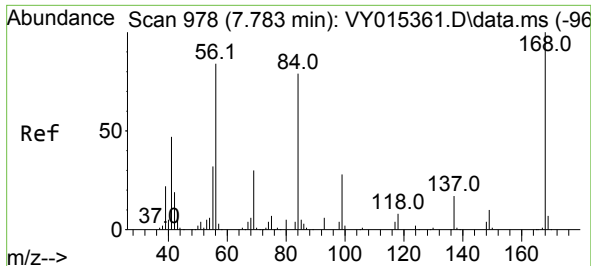
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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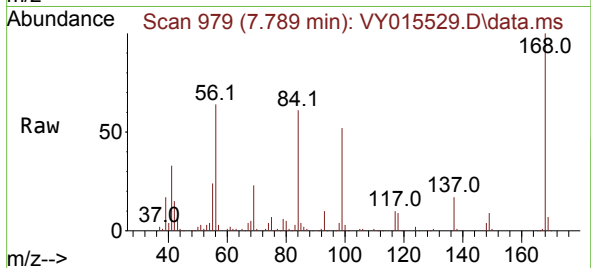
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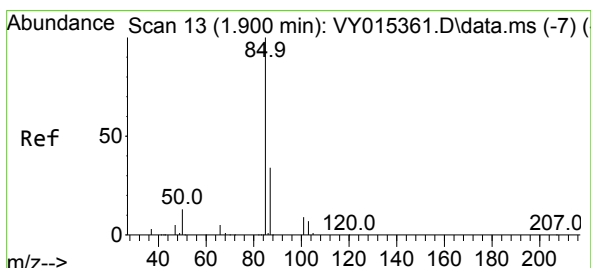
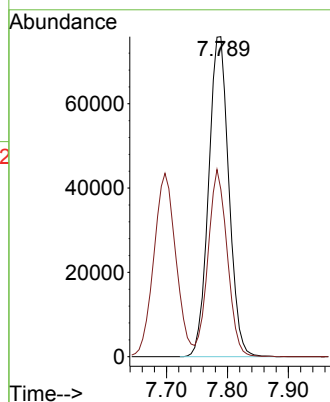
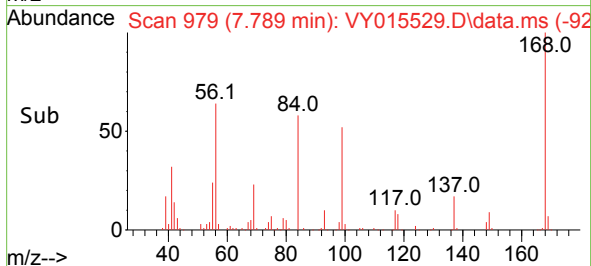


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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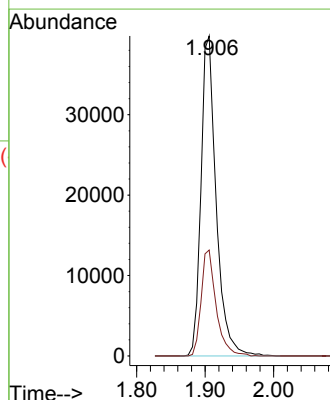
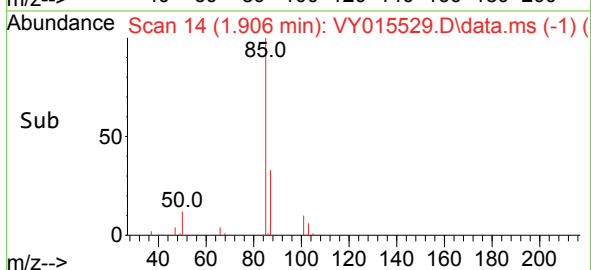
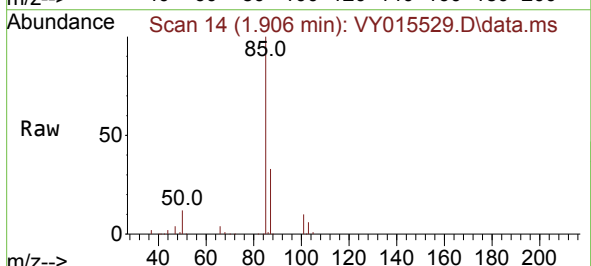


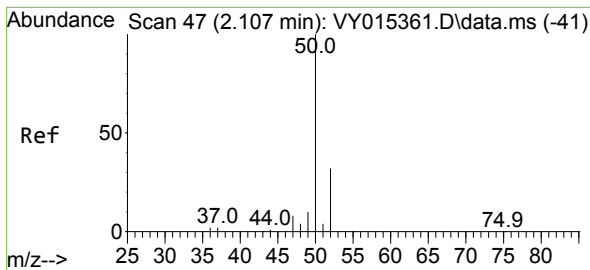
Tgt Ion:168 Resp: 174959
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 40.418 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 85 Resp: 61470
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8





#3

Chloromethane

Concen: 45.410 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

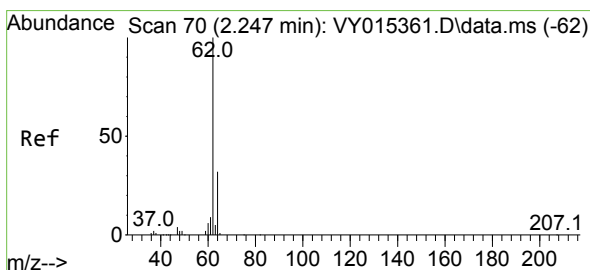
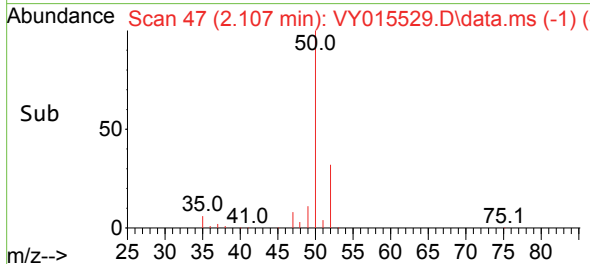
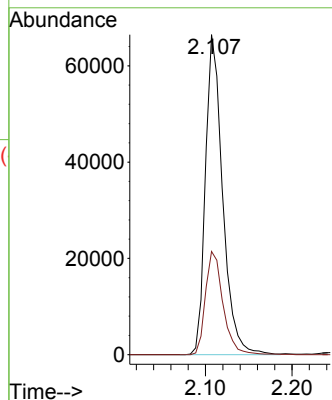
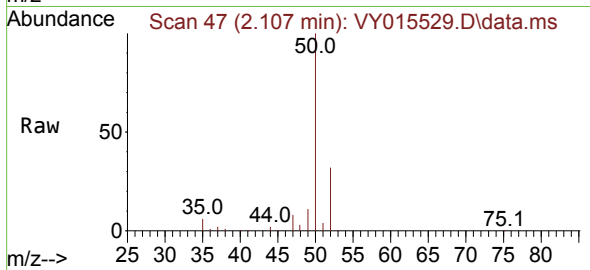
ClientSampleId :

Tgt Ion: 50 Resp: 91719

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2



#4

Vinyl Chloride

Concen: 43.969 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015529.D

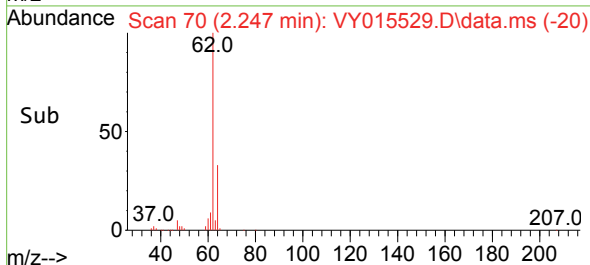
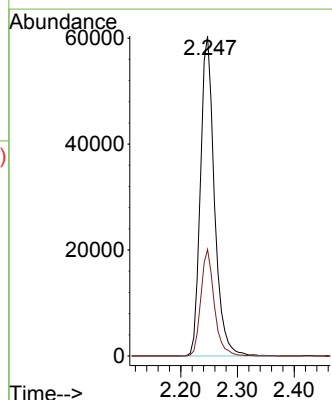
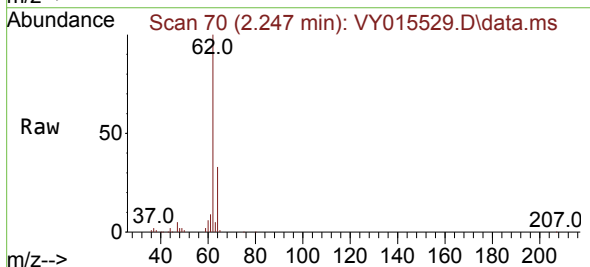
Acq: 14 Sep 2023 11:35

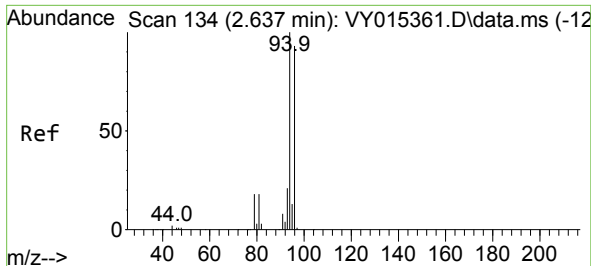
Tgt Ion: 62 Resp: 103369

Ion Ratio Lower Upper

62 100

64 33.3 24.3 36.5





#5

Bromomethane

Concen: 44.682 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

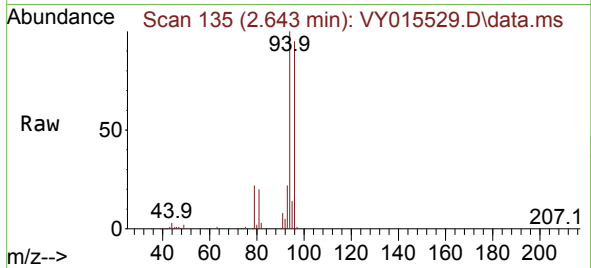
Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

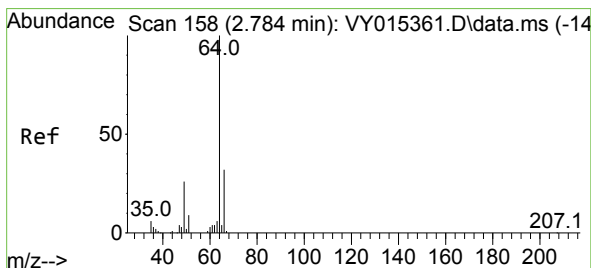
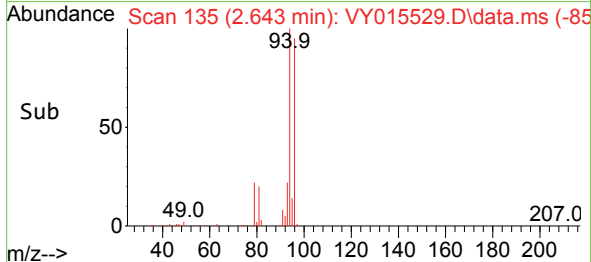
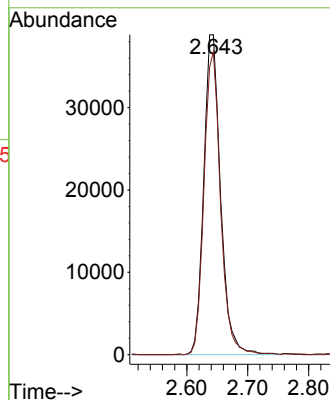


Tgt Ion: 94 Resp: 74743

Ion Ratio Lower Upper

94 100

96 94.4 75.8 113.6



#6

Chloroethane

Concen: 47.858 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.000 min

Lab File: VY015529.D

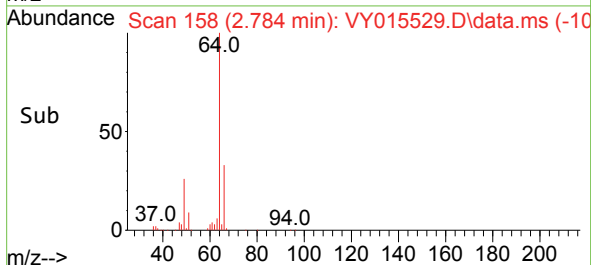
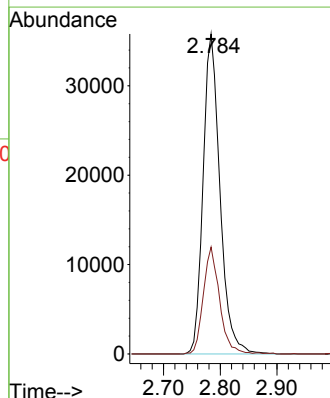
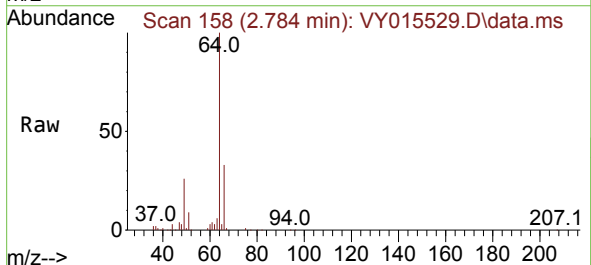
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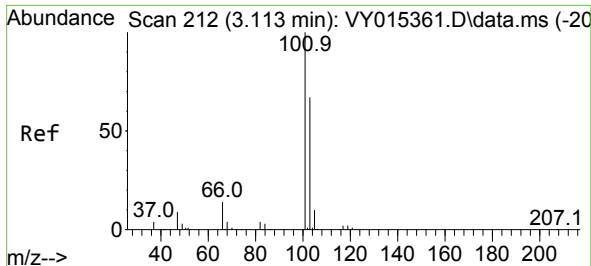
Tgt Ion: 64 Resp: 73953

Ion Ratio Lower Upper

64 100

66 33.4 24.4 36.6

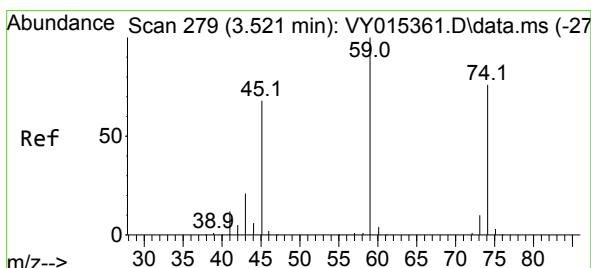
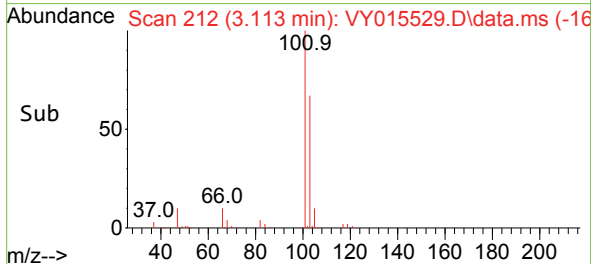
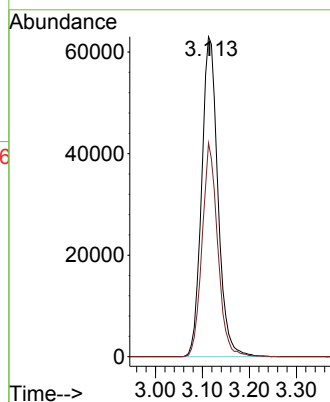
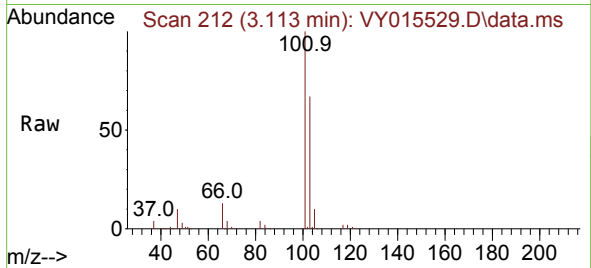




#7
Trichlorofluoromethane
Concen: 45.630 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

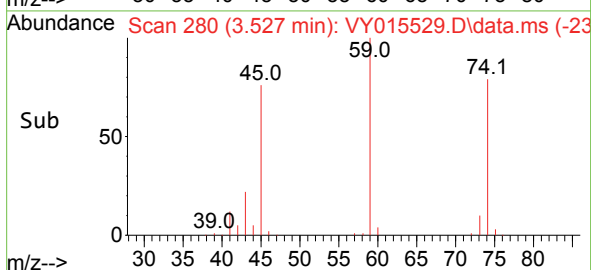
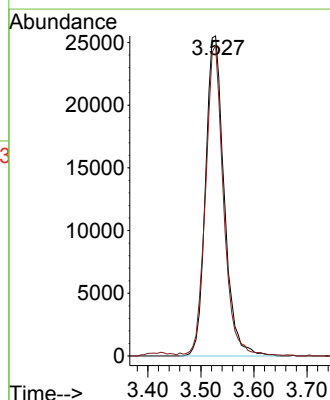
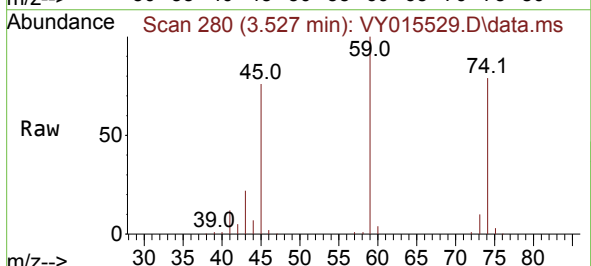
Instrument :
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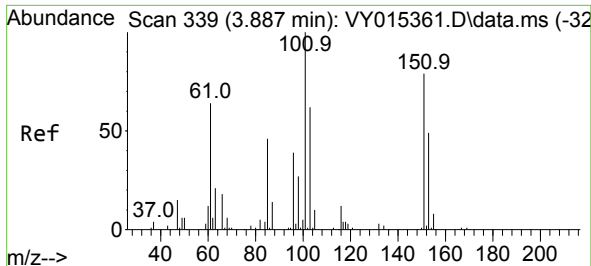
Tgt Ion:101 Resp: 151739
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.0



#8
Diethyl Ether
Concen: 54.532 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 74 Resp: 61974
Ion Ratio Lower Upper
74 100
45 94.2 51.5 154.5

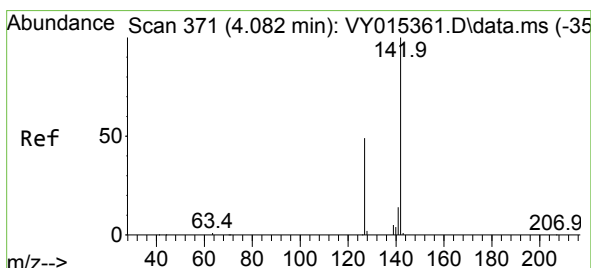
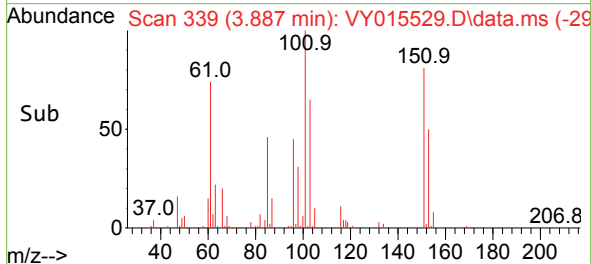
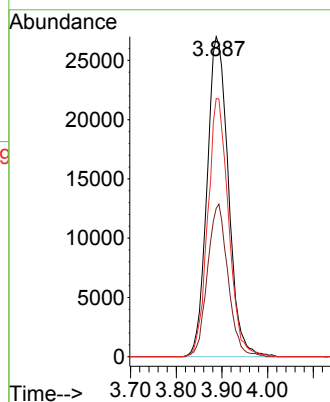
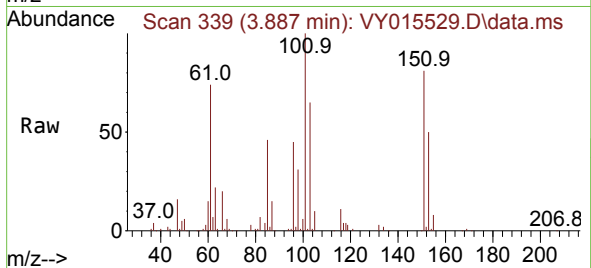




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.503 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

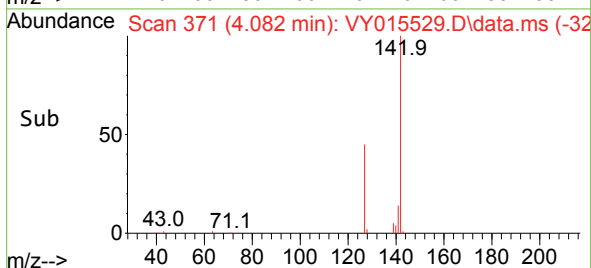
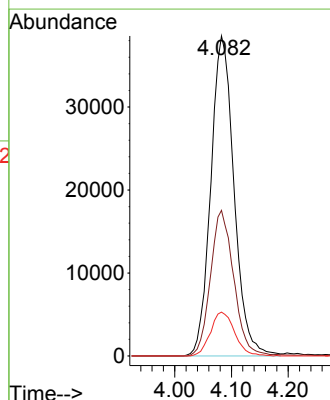
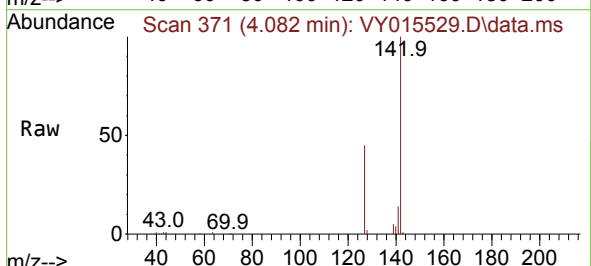
Instrument :
MSVOA_Y
ClientSampleId :

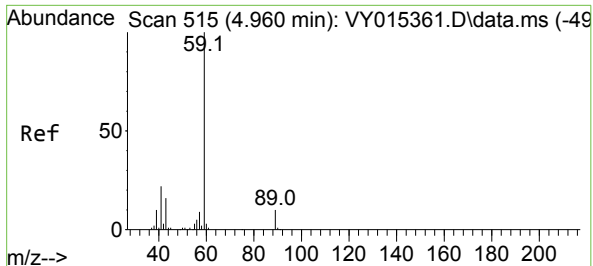
Tgt Ion:101 Resp: 87555
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 50.770 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:142 Resp: 109890
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 275.216 ug/l

RT: 4.972 min Scan# 515

Delta R.T. 0.018 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

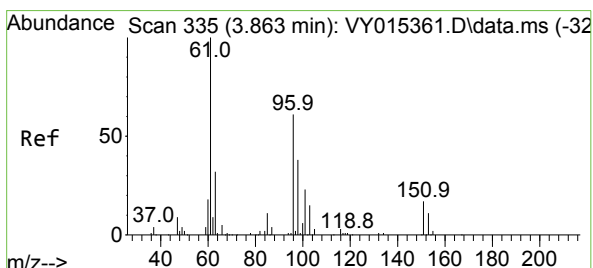
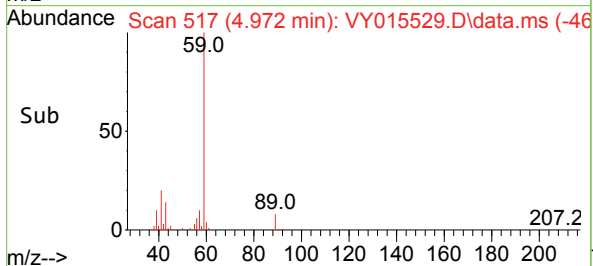
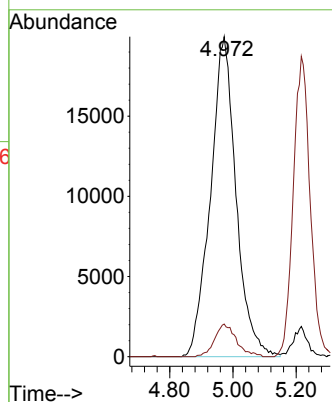
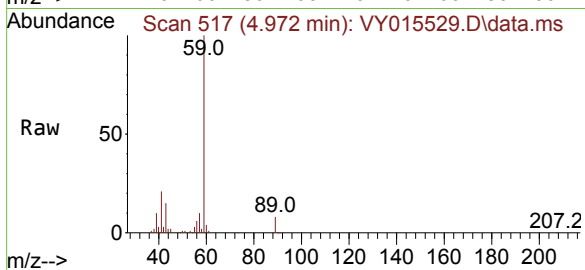
ClientSampleId :

Tgt Ion: 59 Resp: 112235

Ion Ratio Lower Upper

59 100

57 8.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 47.868 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

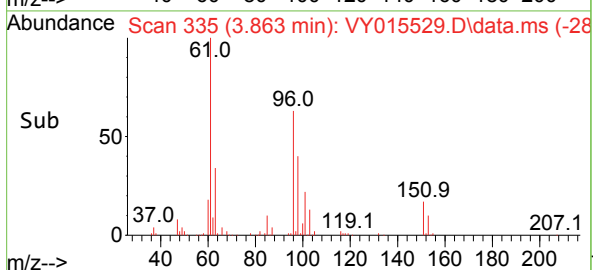
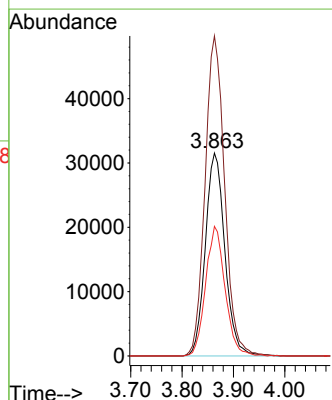
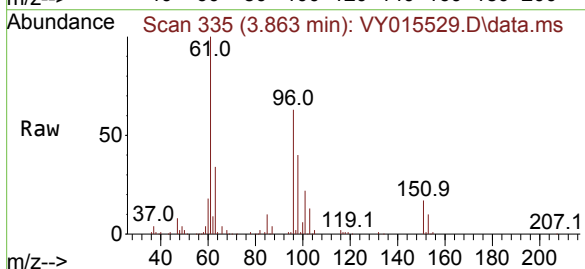
Tgt Ion: 96 Resp: 83253

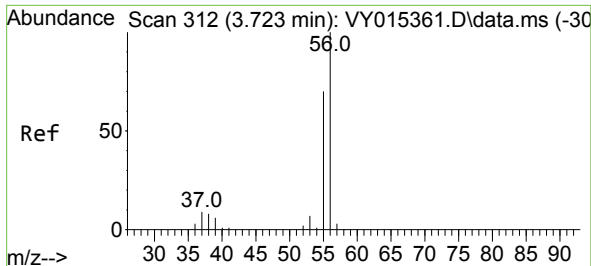
Ion Ratio Lower Upper

96 100

61 157.7 136.4 204.6

98 63.9 49.4 74.2





#13

Acrolein

Concen: 239.137 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

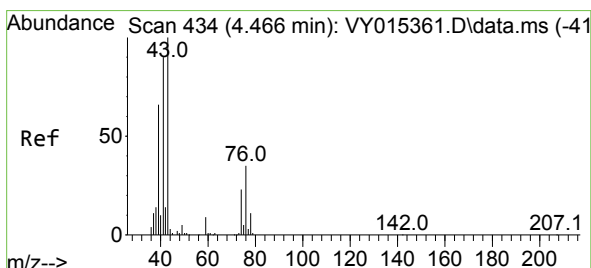
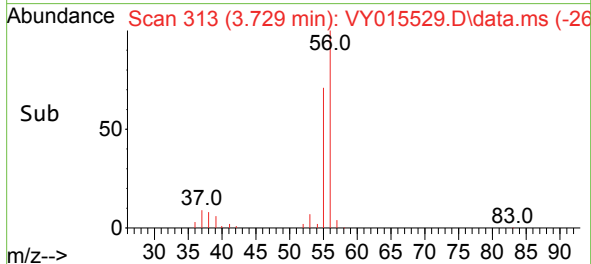
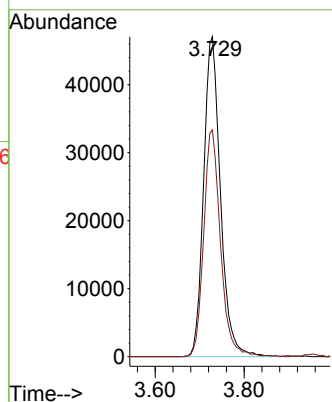
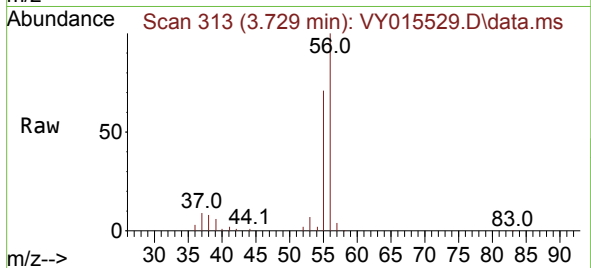
ClientSampleId :

Tgt Ion: 56 Resp: 124326

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 53.501 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

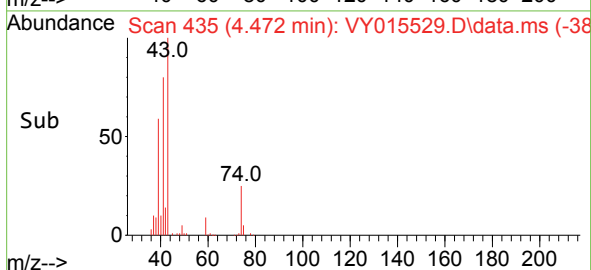
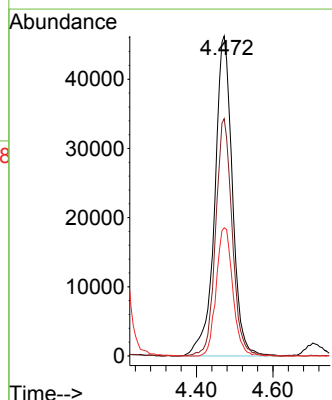
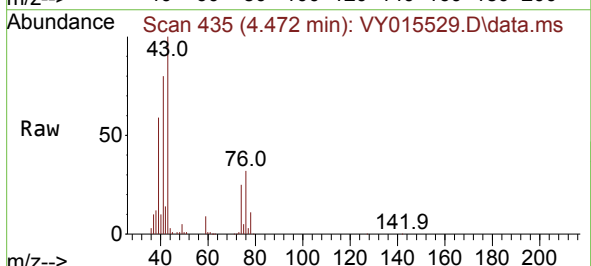
Tgt Ion: 41 Resp: 148149

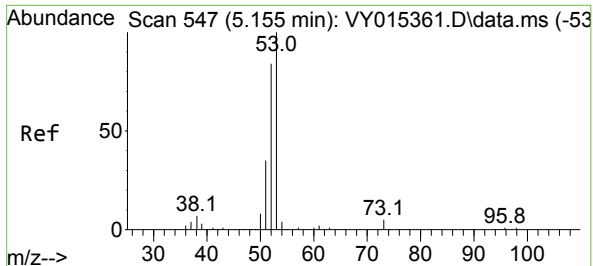
Ion Ratio Lower Upper

41 100

39 69.6 58.0 87.0

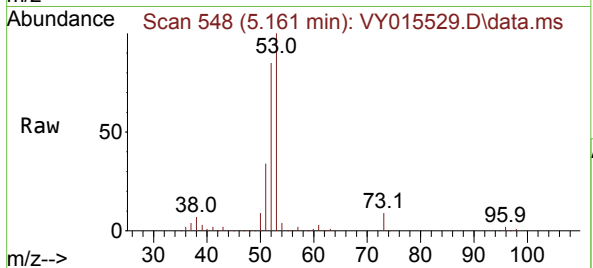
76 37.6 27.4 41.2



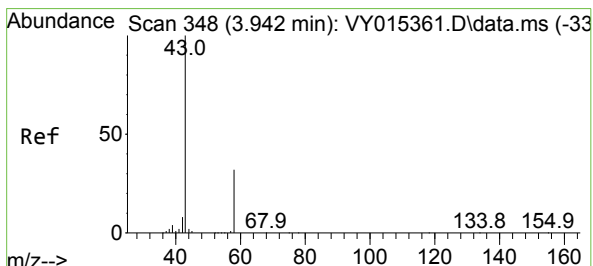
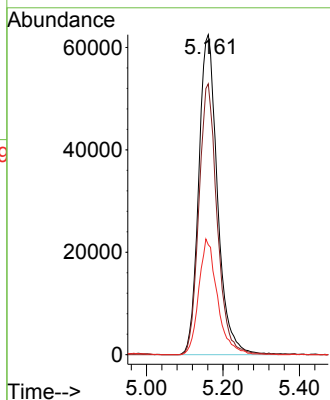
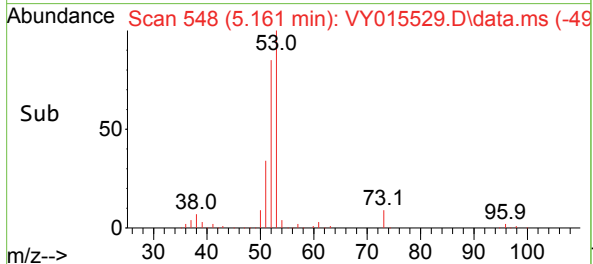


#15
Acrylonitrile
Concen: 297.289 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

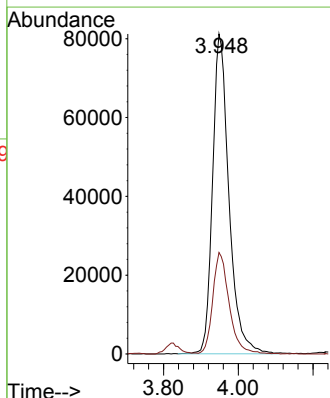
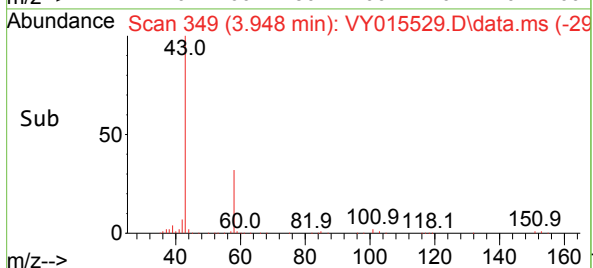
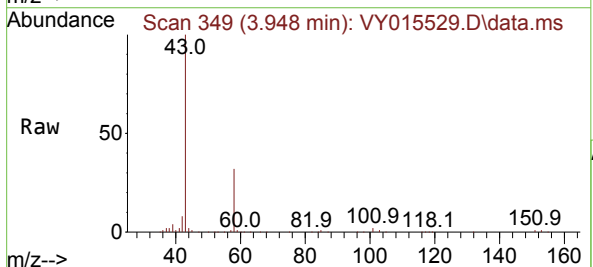


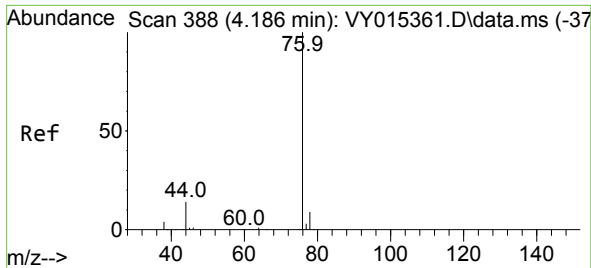
Tgt Ion: 53 Resp: 212600
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 314.814 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 43 Resp: 246449
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1

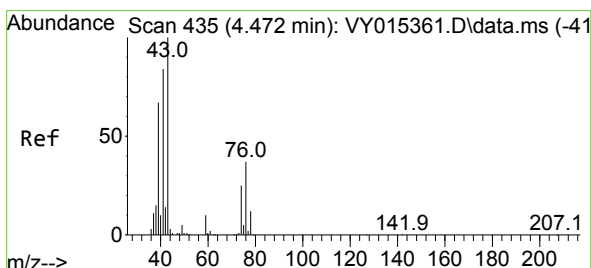
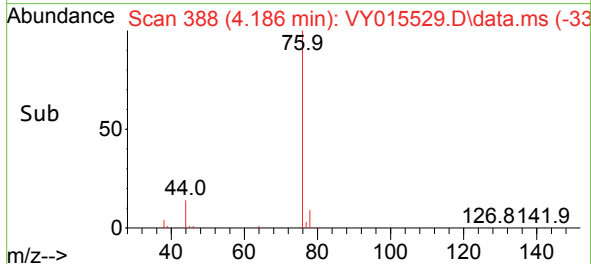
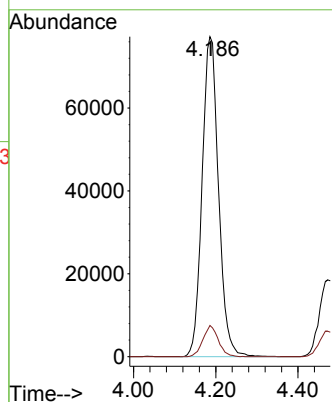
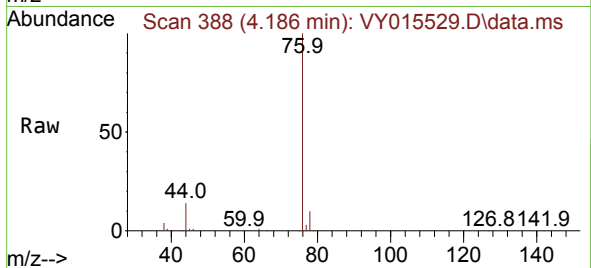




#17
Carbon Disulfide
Concen: 41.092 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

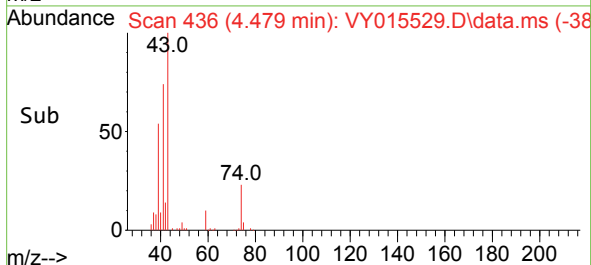
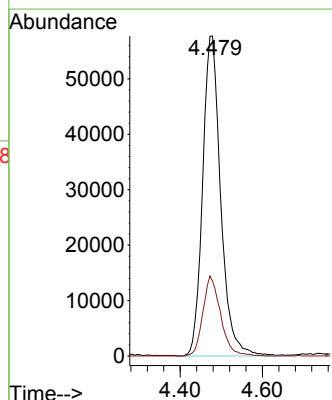
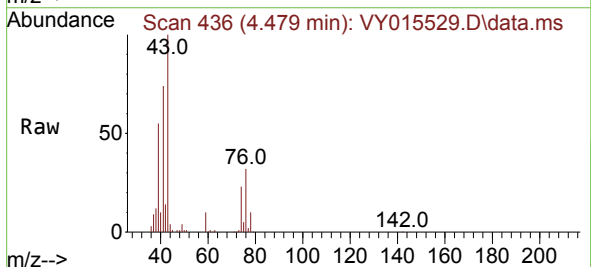
Instrument :
MSVOA_Y
ClientSampleId :

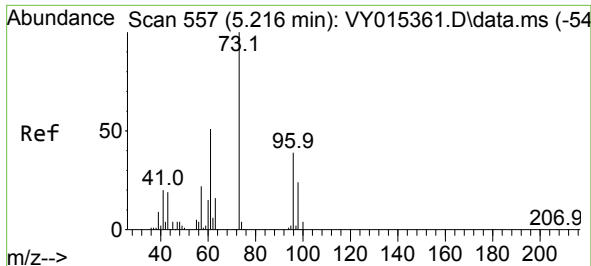
Tgt Ion: 76 Resp: 213656
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 62.140 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

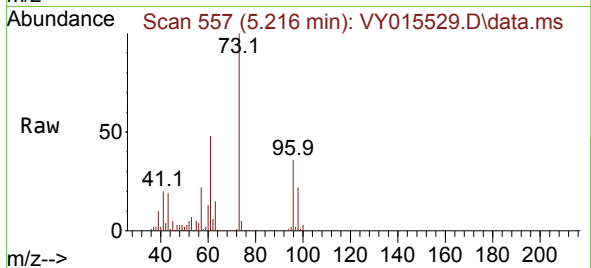
Tgt Ion: 43 Resp: 176195
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0



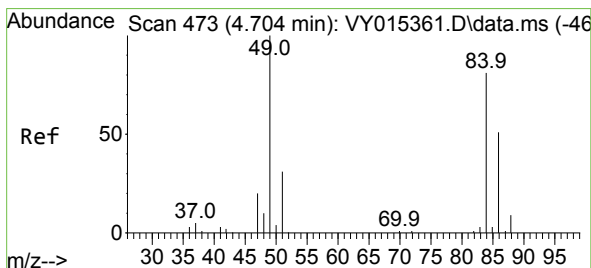
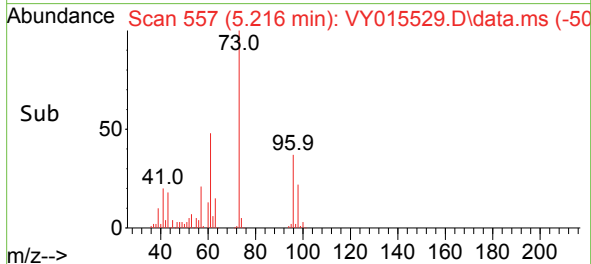
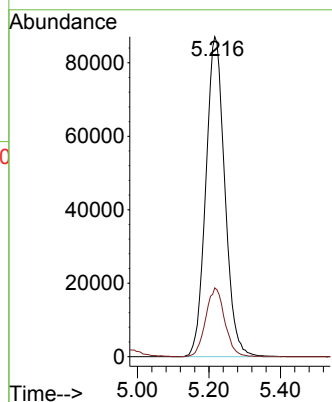


#19
Methyl tert-butyl Ether
Concen: 56.816 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

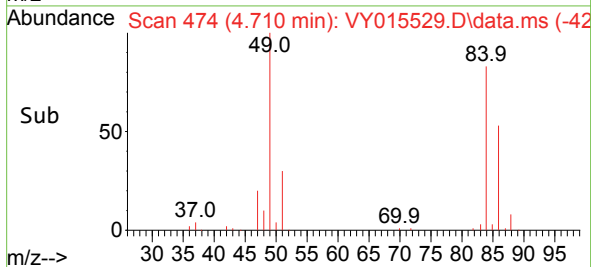
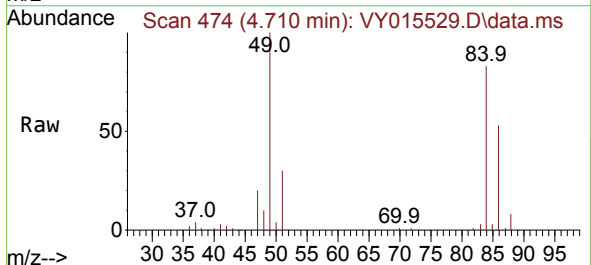
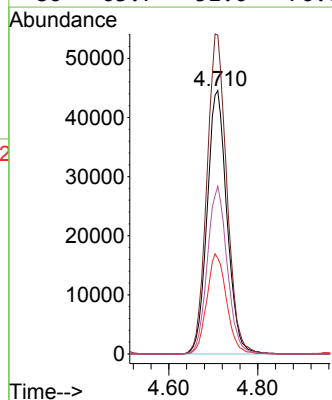


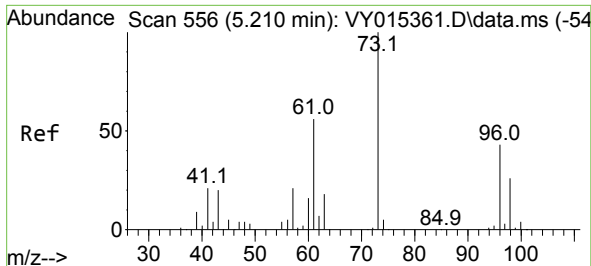
Tgt Ion: 73 Resp: 321163
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 56.122 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 84 Resp: 138134
Ion Ratio Lower Upper
84 100
49 121.1 106.9 160.3
51 36.3 33.2 49.8
86 63.7 51.0 76.6

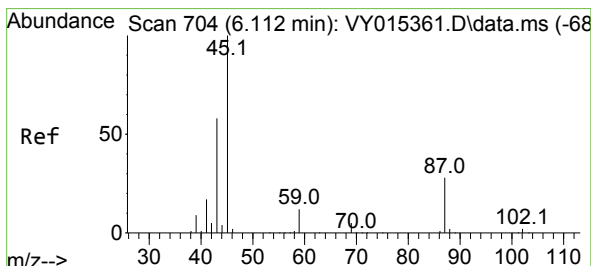
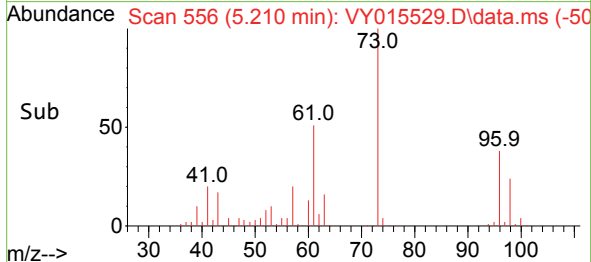
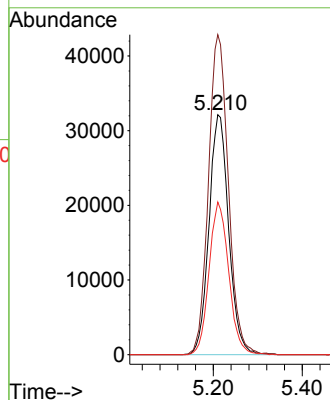
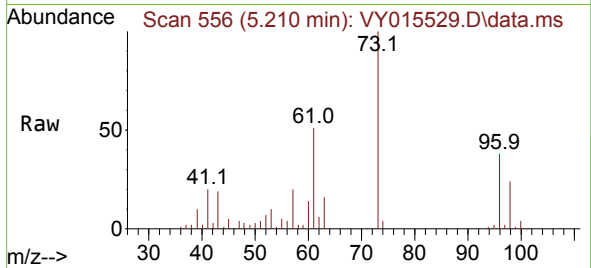




#21
trans-1,2-Dichloroethene
Concen: 49.452 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

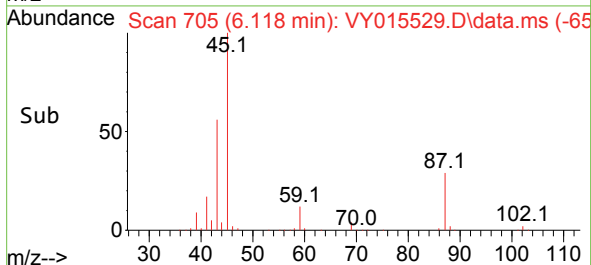
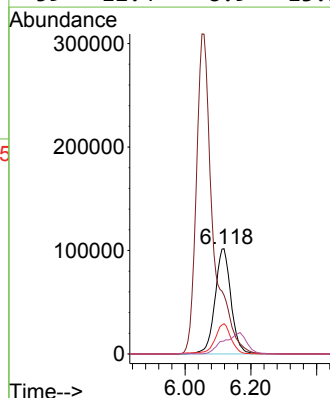
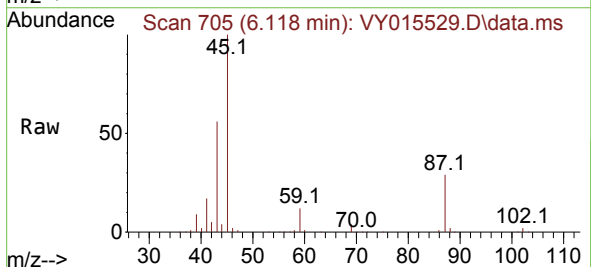
Instrument :
MSVOA_Y
ClientSampleId :

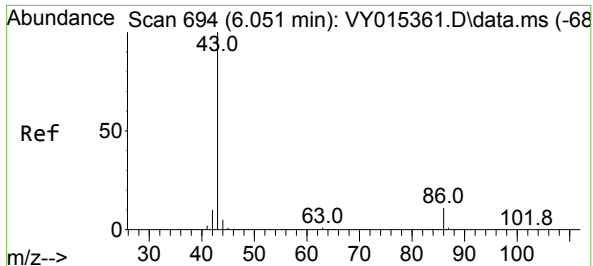
Tgt Ion: 96 Resp: 99040
Ion Ratio Lower Upper
96 100
61 133.4 110.2 165.4
98 63.6 51.8 77.6



#22
Diisopropyl ether
Concen: 56.559 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 45 Resp: 342534
Ion Ratio Lower Upper
45 100
43 55.6 52.2 78.4
87 28.7 21.0 31.6
59 12.4 8.9 13.3

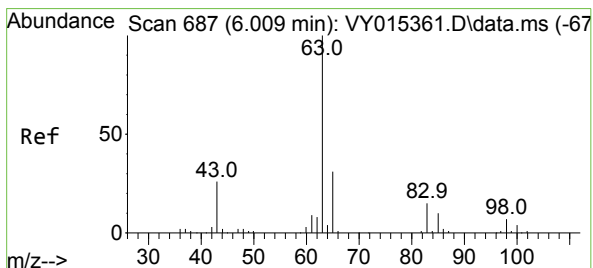
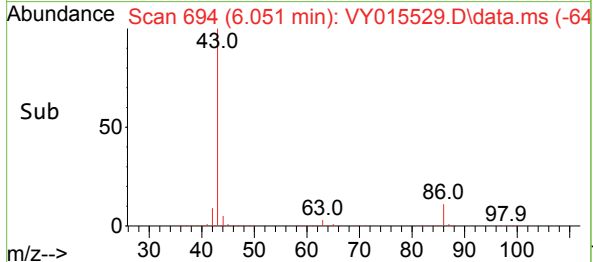
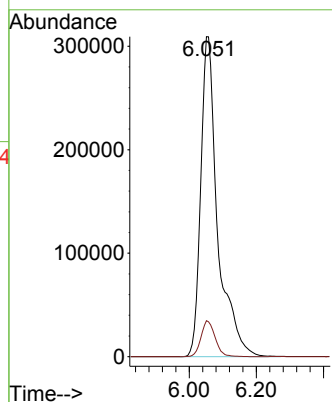
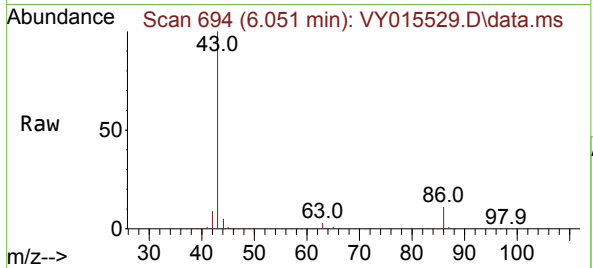




#23
 Vinyl Acetate
 Concen: 282.802 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

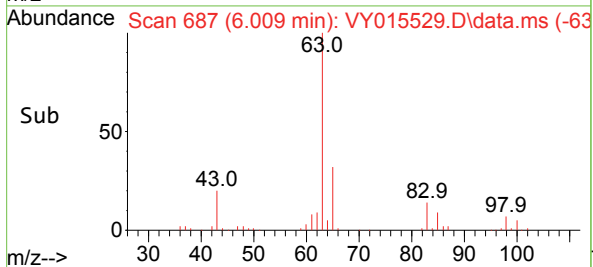
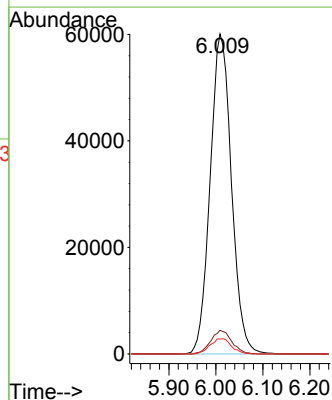
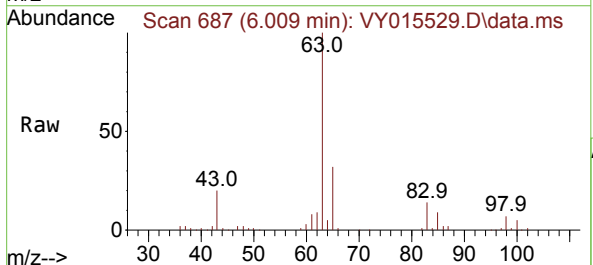
Instrument :
 MSVOA_Y
 ClientSampleId :

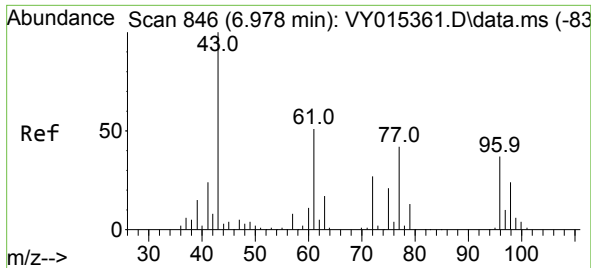
Tgt Ion: 43 Resp: 1081375
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.947 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

Tgt Ion: 63 Resp: 188868
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.6 1.8 5.5

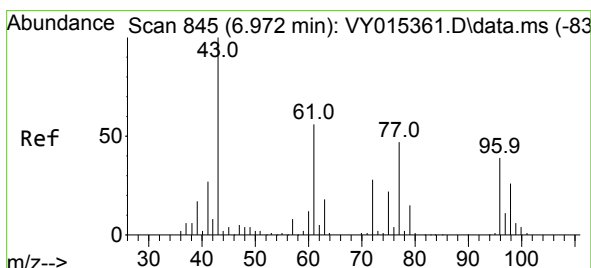
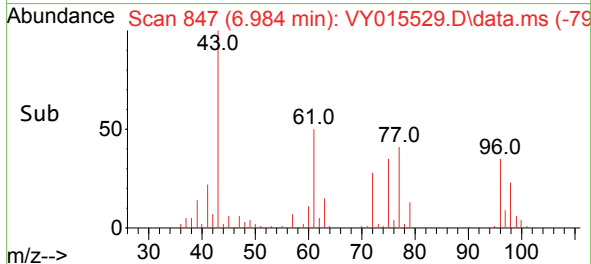
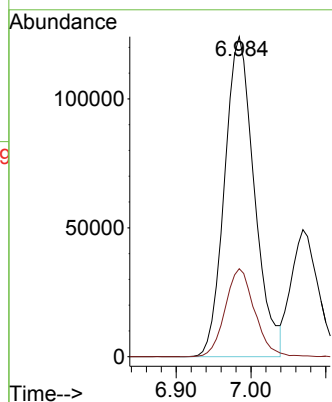
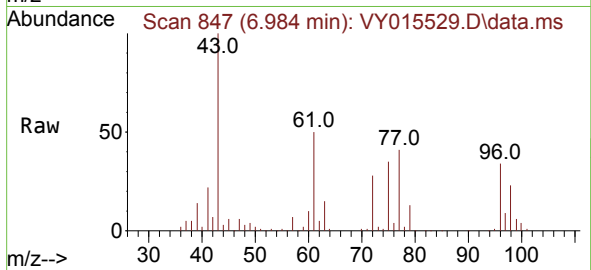




#25
2-Butanone
Concen: 310.116 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

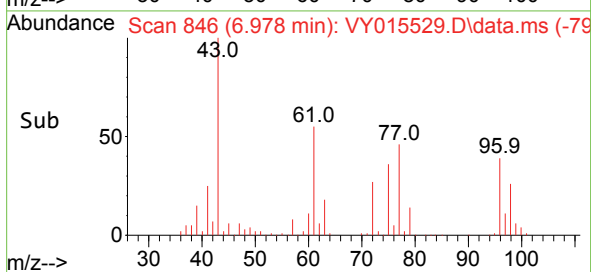
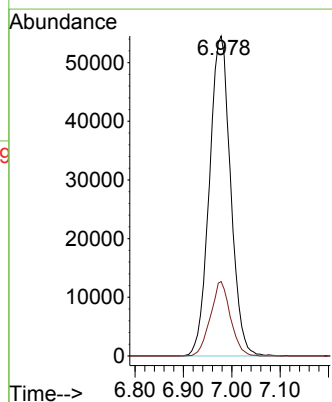
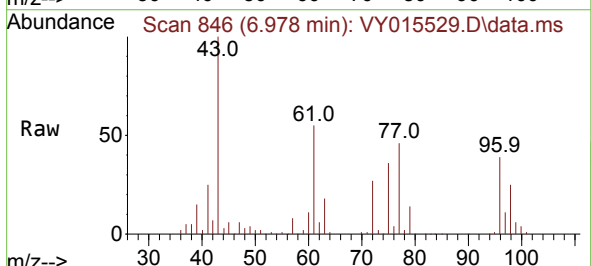
Instrument :
MSVOA_Y
ClientSampleId :

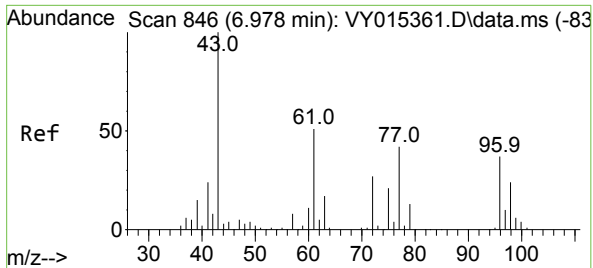
Tgt Ion: 43 Resp: 344329
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 55.824 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 77 Resp: 165994
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.073 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

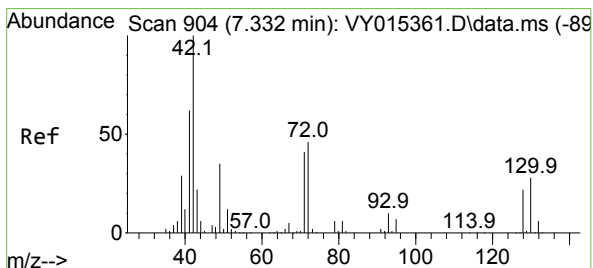
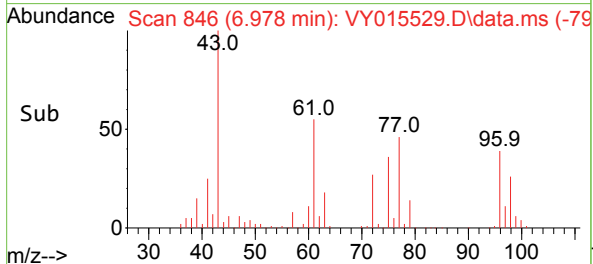
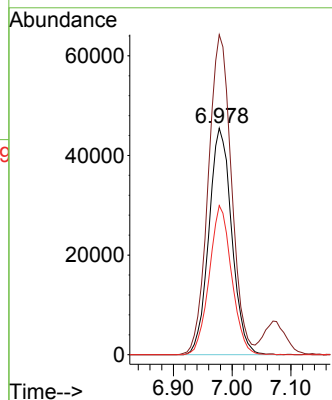
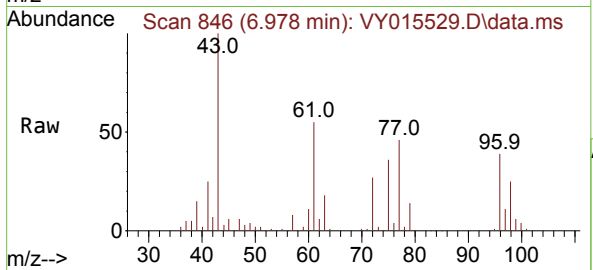
Tgt Ion: 96 Resp: 122855

Ion Ratio Lower Upper

96 100

61 143.9 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 57.289 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

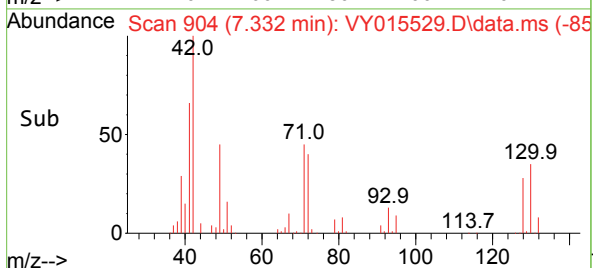
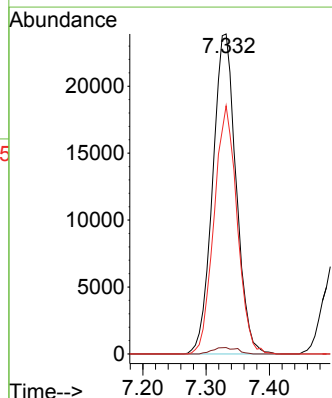
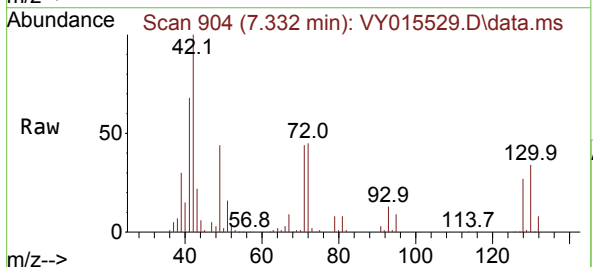
Tgt Ion: 49 Resp: 61505

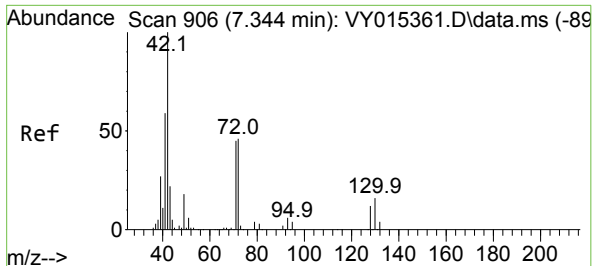
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 76.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 293.829 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

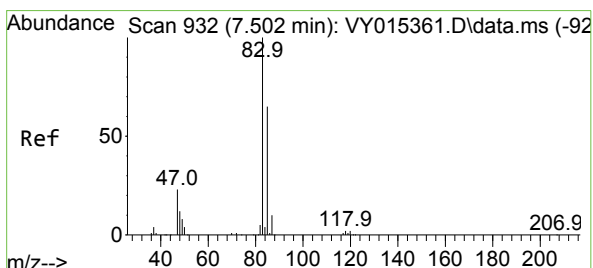
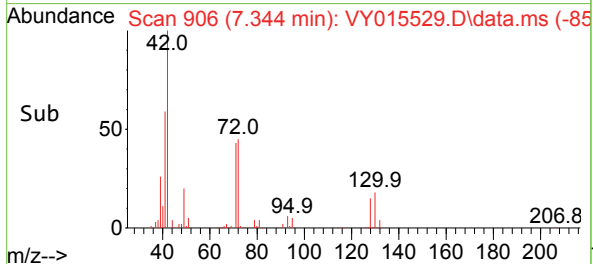
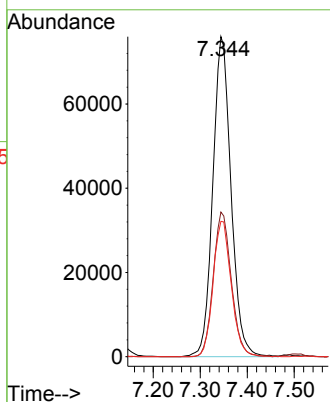
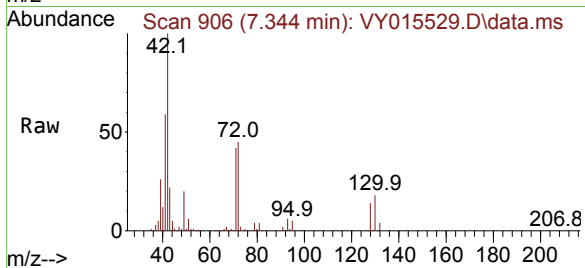
Tgt Ion: 42 Resp: 204874

Ion Ratio Lower Upper

42 100

72 44.8 32.8 49.2

71 42.2 31.0 46.4



#30

Chloroform

Concen: 54.448 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015529.D

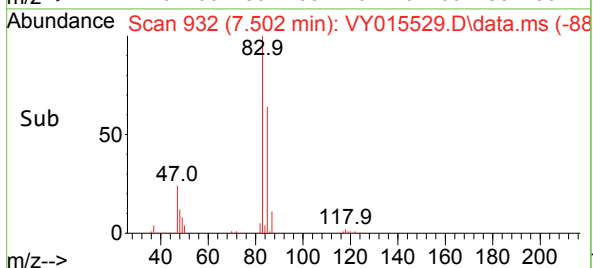
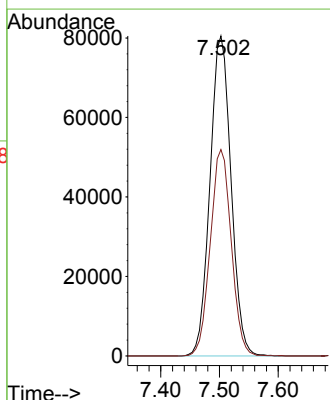
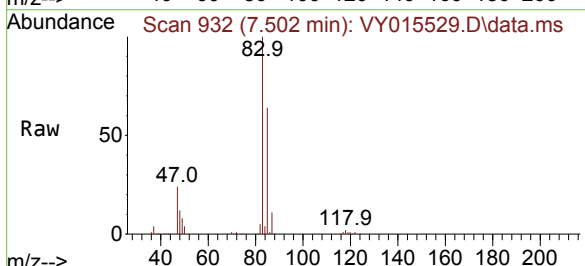
Acq: 14 Sep 2023 11:35

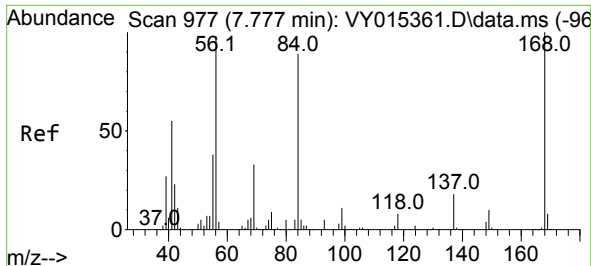
Tgt Ion: 83 Resp: 200386

Ion Ratio Lower Upper

83 100

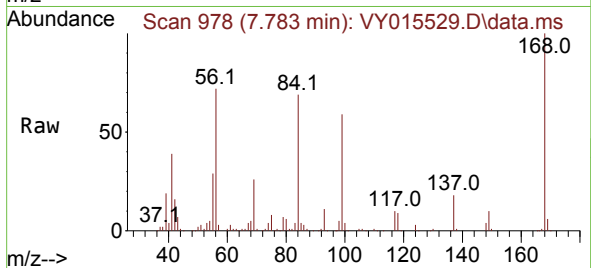
85 64.5 49.7 74.5



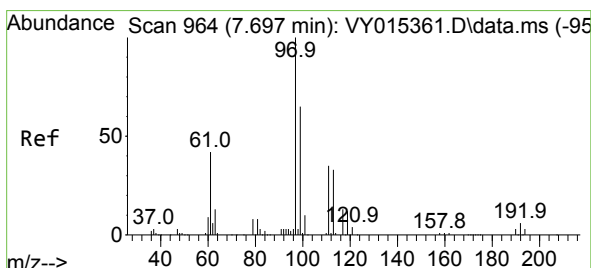
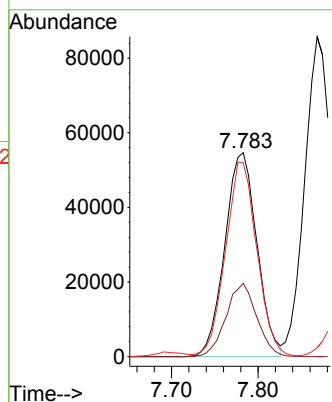
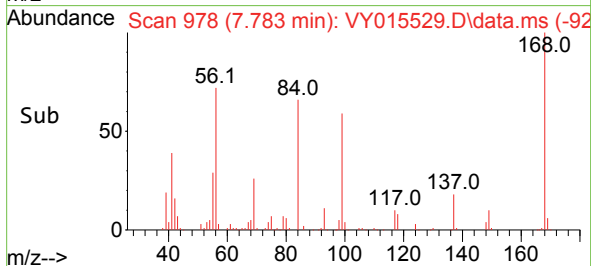


#31
Cyclohexane
Concen: 42.291 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

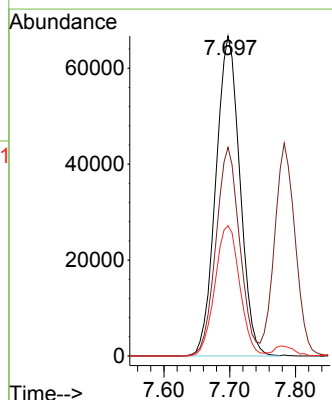
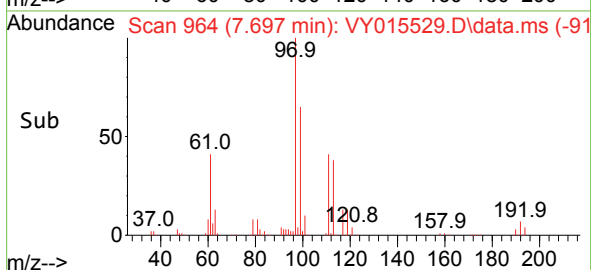
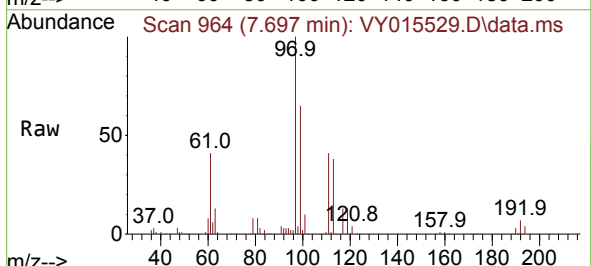


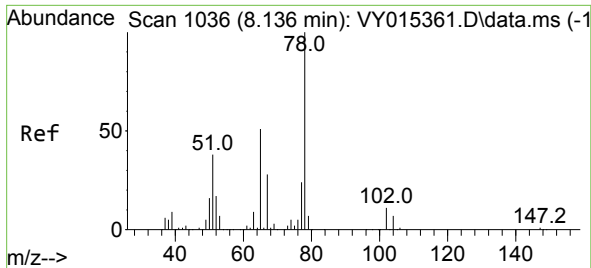
Tgt Ion: 56 Resp: 140897
Ion Ratio Lower Upper
56 100
69 35.9 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.706 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 97 Resp: 169973
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 41.9 35.1 52.7

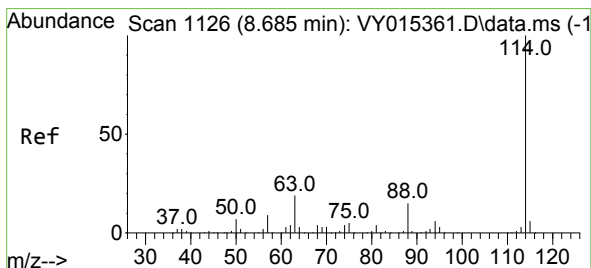
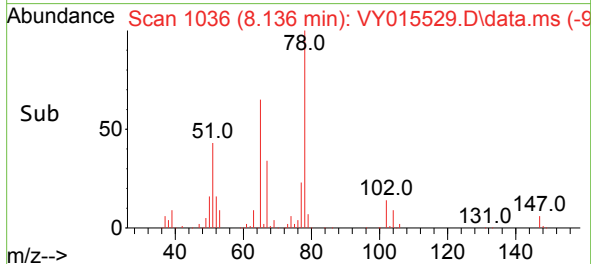
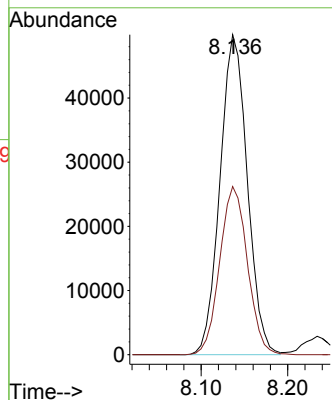
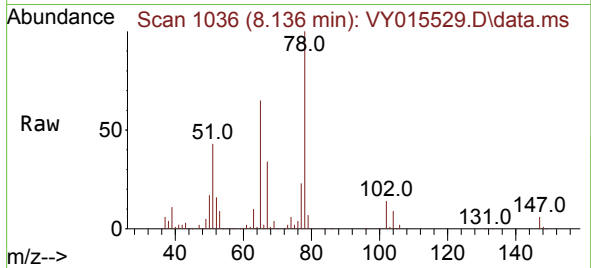




#33
 1,2-Dichloroethane-d4
 Concen: 58.229 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

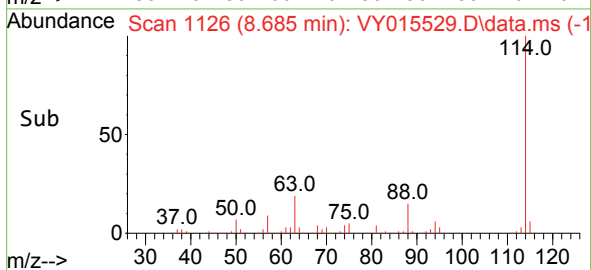
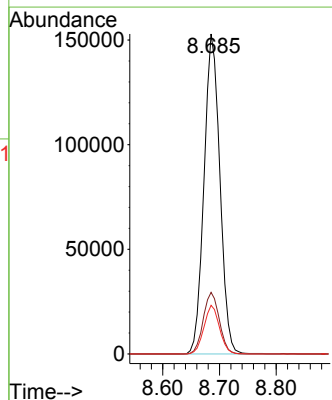
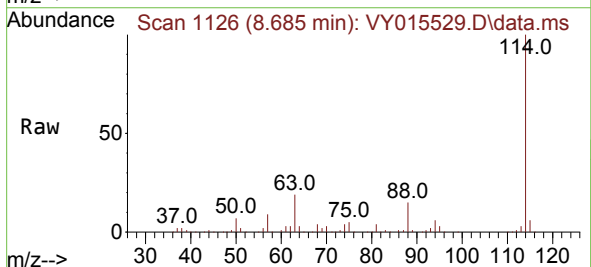
Instrument :
 MSVOA_Y
 ClientSampleId :

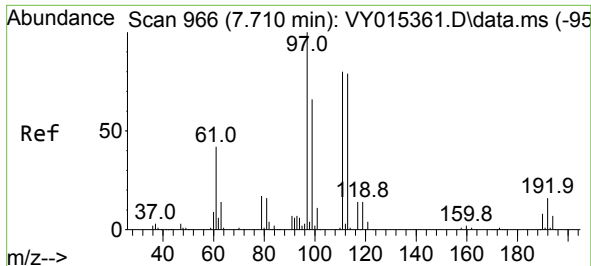
Tgt Ion: 65 Resp: 109211
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

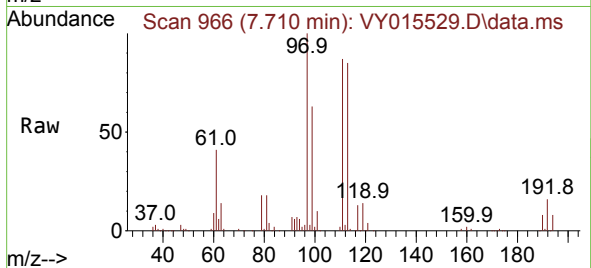
Tgt Ion:114 Resp: 297216
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.2 0.0 30.6



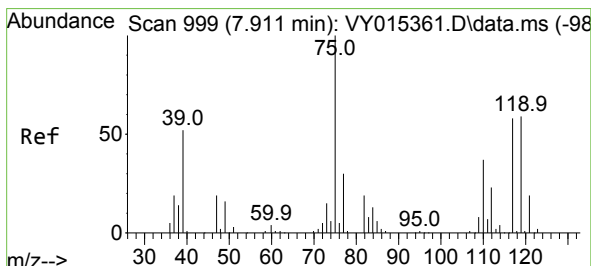
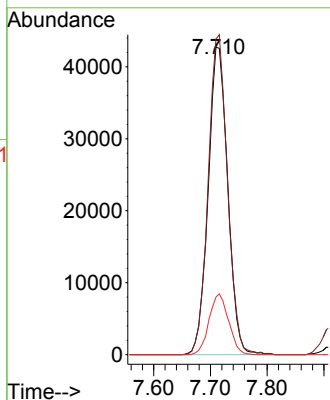
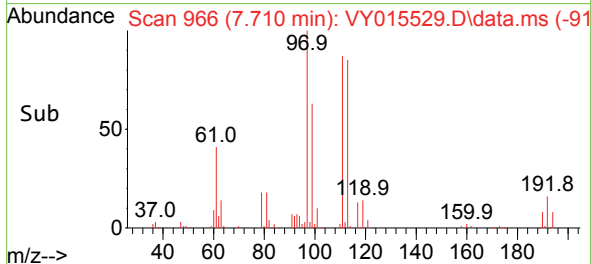


#35
Dibromofluoromethane
Concen: 59.927 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

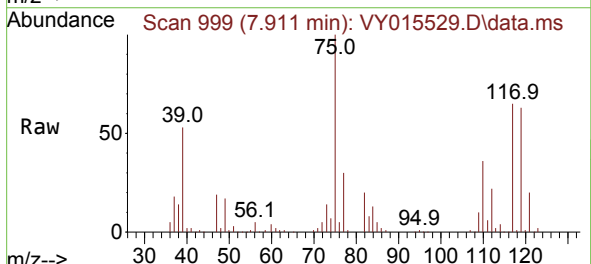
Instrument :
MSVOA_Y
ClientSampleId :



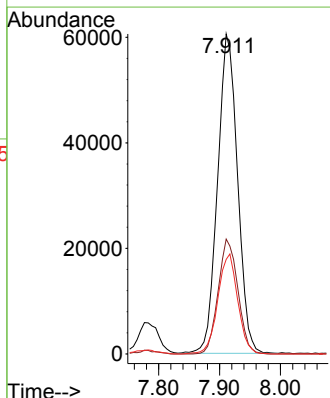
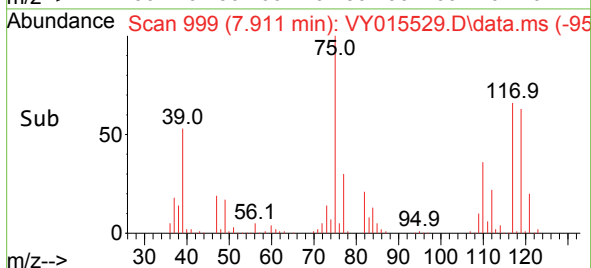
Tgt Ion:113 Resp: 102589
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.7 16.9 25.3

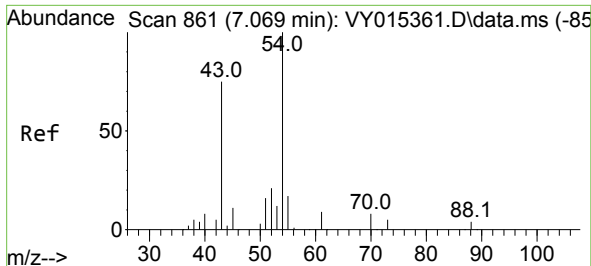


#36
1,1-Dichloropropene
Concen: 45.878 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35



Tgt Ion: 75 Resp: 137905
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 54.700 ug/l

RT: 7.069 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

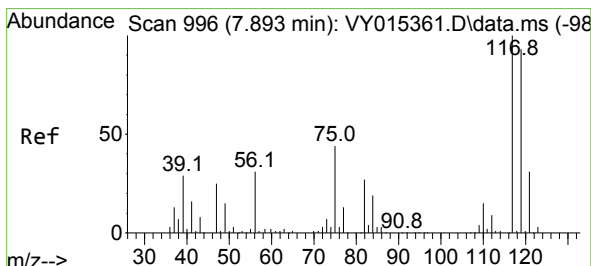
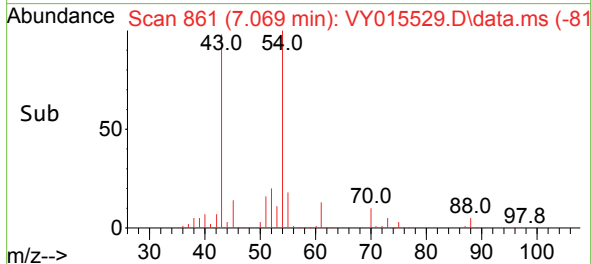
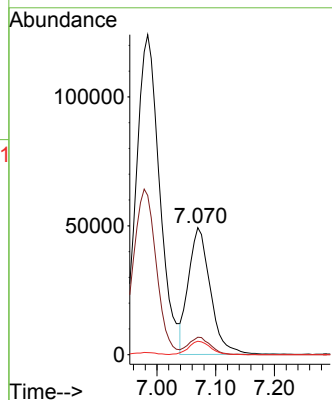
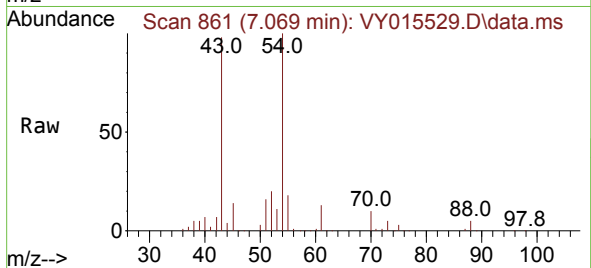
Tgt Ion: 43 Resp: 126812

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 47.133 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

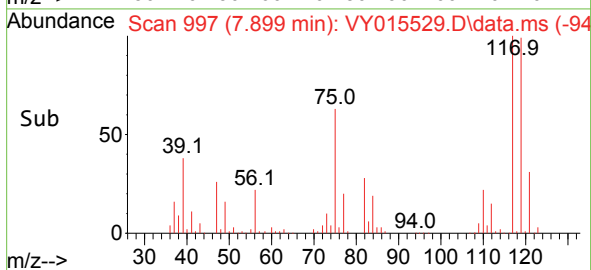
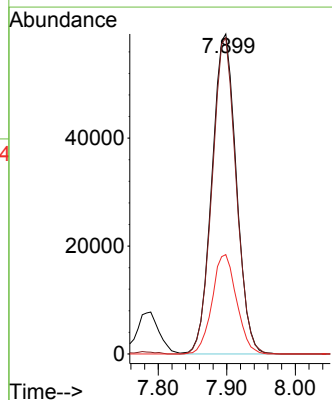
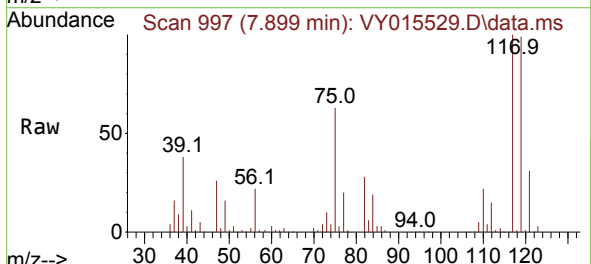
Tgt Ion: 117 Resp: 146327

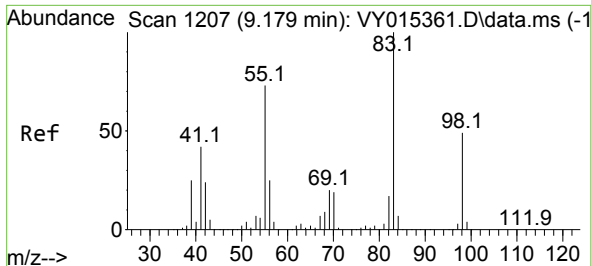
Ion Ratio Lower Upper

117 100

119 98.8 76.4 114.6

121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 42.170 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

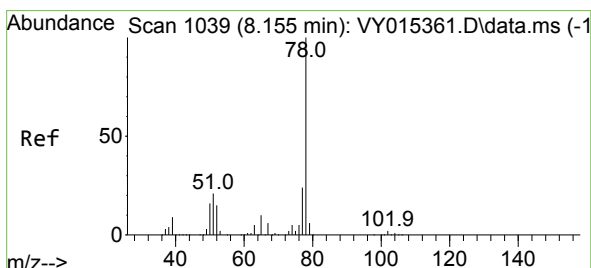
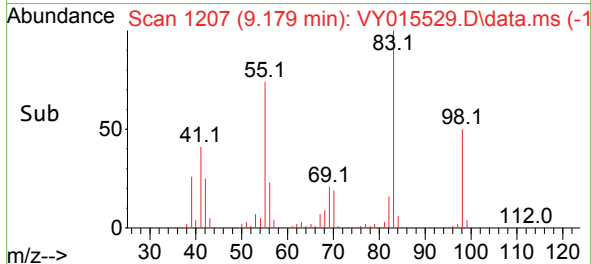
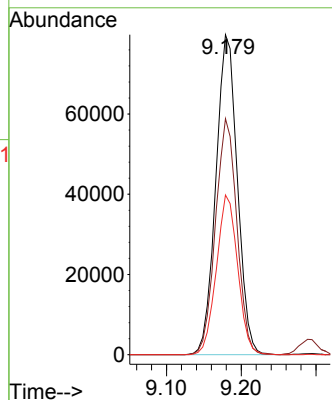
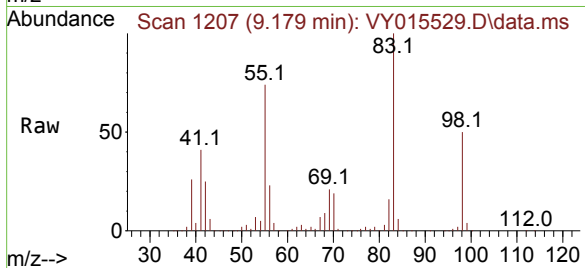
Tgt Ion: 83 Resp: 159584

Ion Ratio Lower Upper

83 100

55 73.8 63.0 94.4

98 49.9 37.4 56.2



#40

Benzene

Concen: 50.390 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015529.D

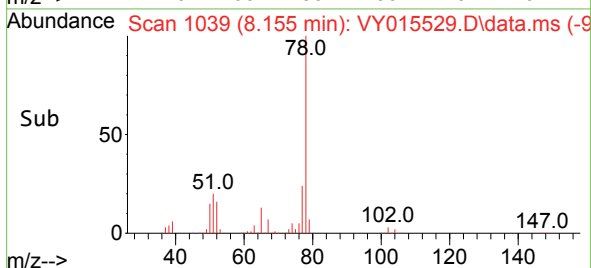
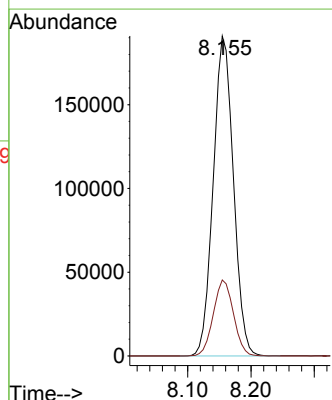
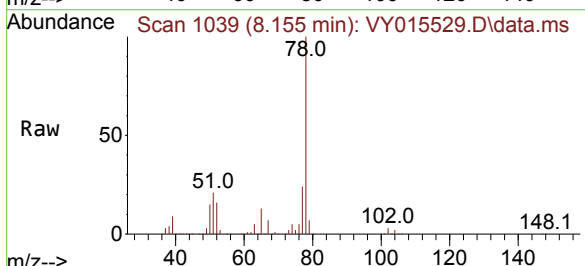
Acq: 14 Sep 2023 11:35

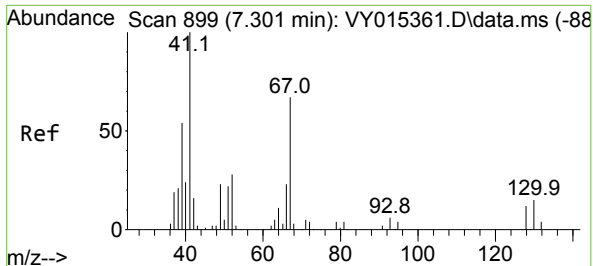
Tgt Ion: 78 Resp: 422595

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



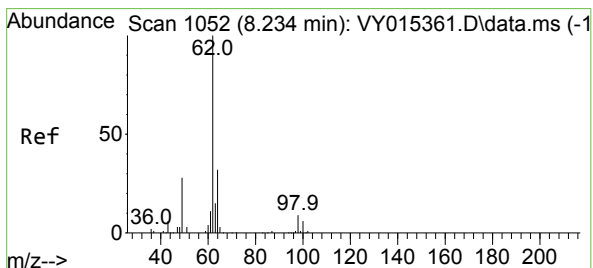
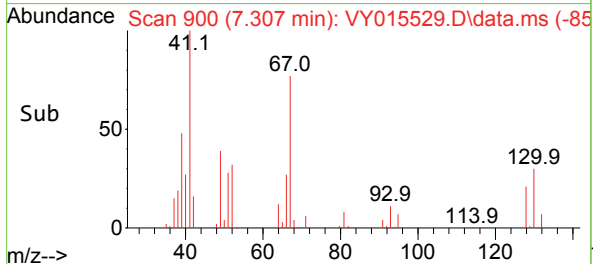
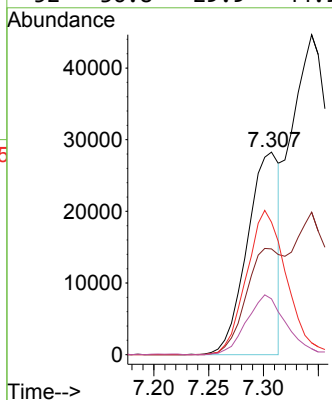
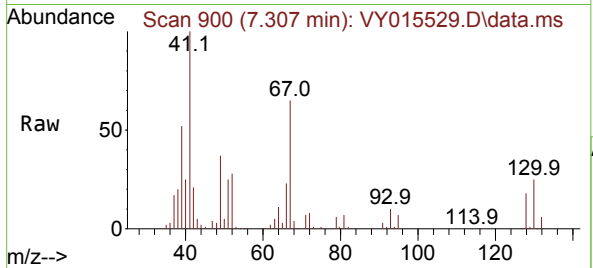


#41
Methacrylonitrile
Concen: 52.826 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 57429

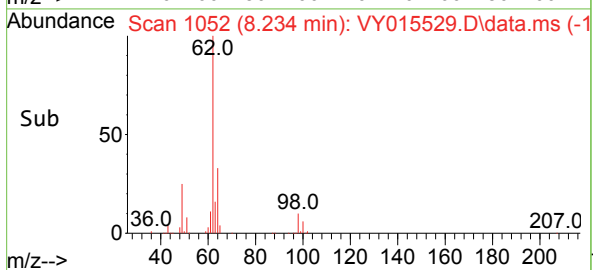
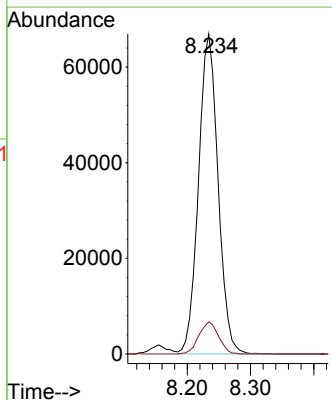
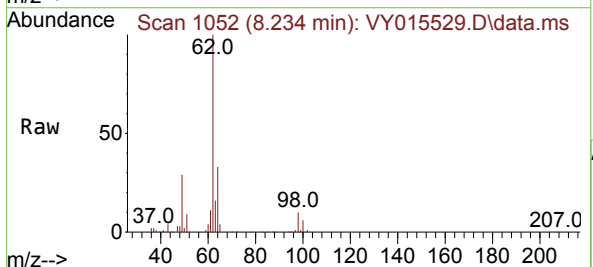
Ion	Ratio	Lower	Upper
41	100		
39	62.6	52.1	78.1
67	89.2	66.2	99.2
52	36.8	29.9	44.9

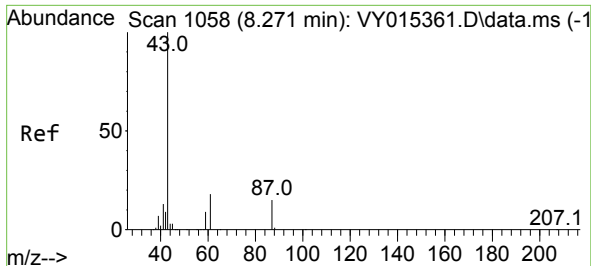


#42
1,2-Dichloroethane
Concen: 51.471 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 62 Resp: 143939

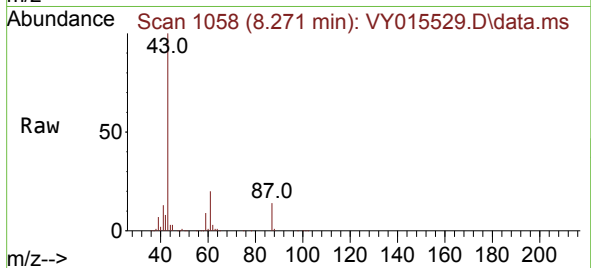
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8





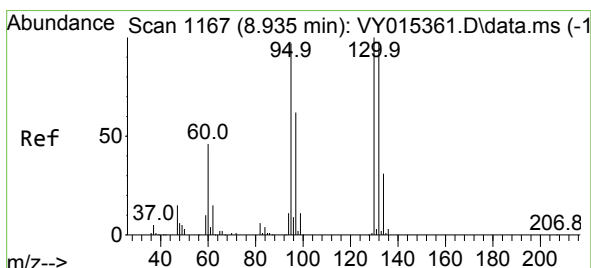
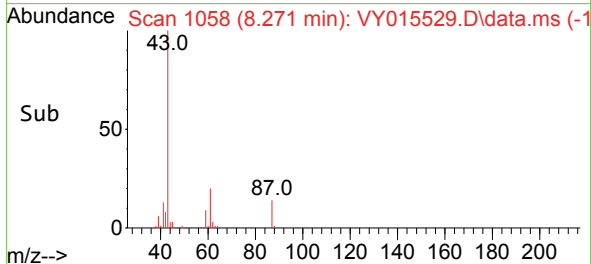
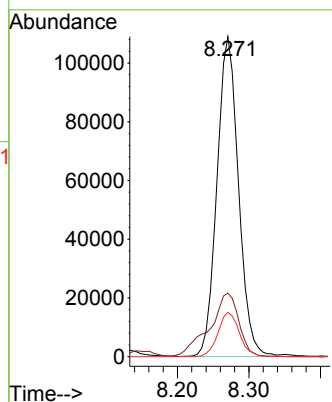
#43
Isopropyl Acetate
Concen: 56.750 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 227501

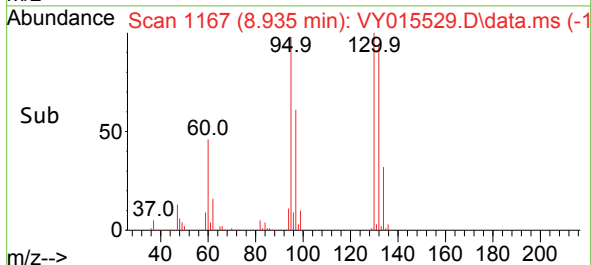
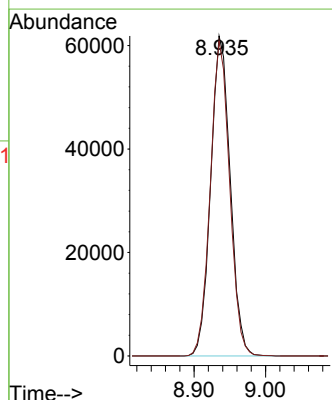
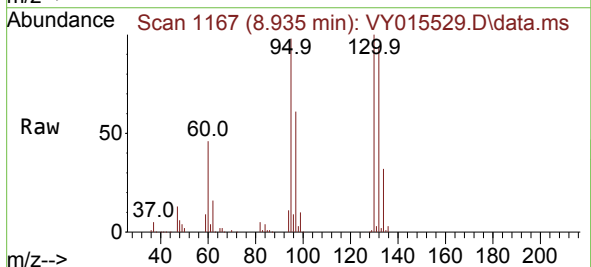
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.1	31.7
87	13.9	9.8	14.8

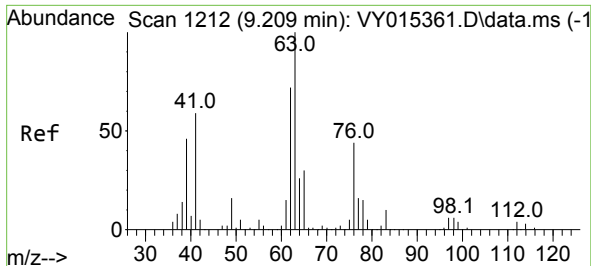


#44
Trichloroethene
Concen: 49.368 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:130 Resp: 117140

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	196.0





#45

1,2-Dichloropropane

Concen: 54.092 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

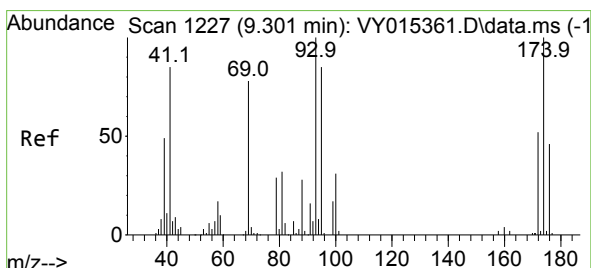
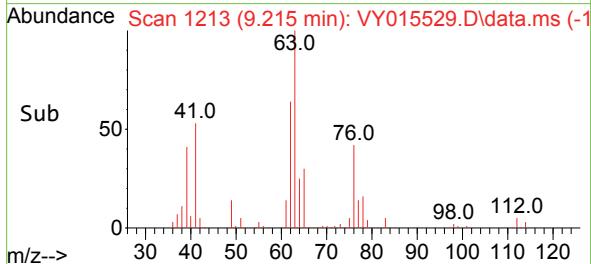
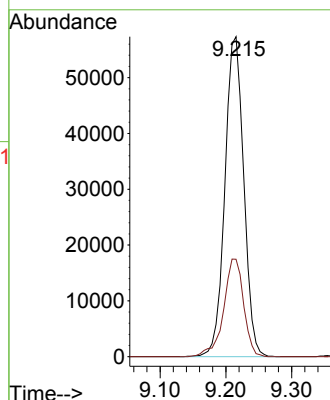
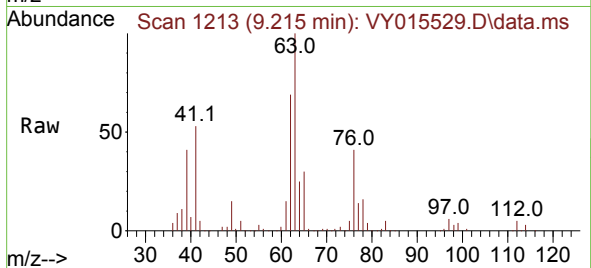
ClientSampleId :

Tgt Ion: 63 Resp: 114358

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 52.722 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

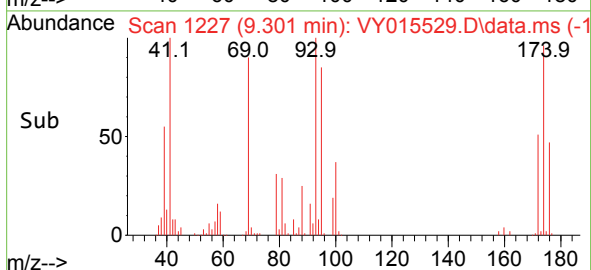
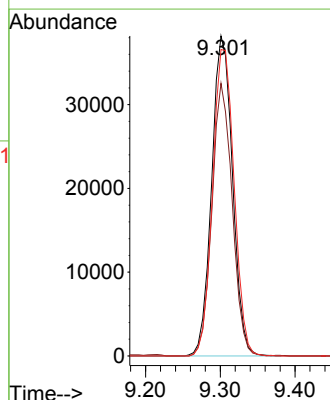
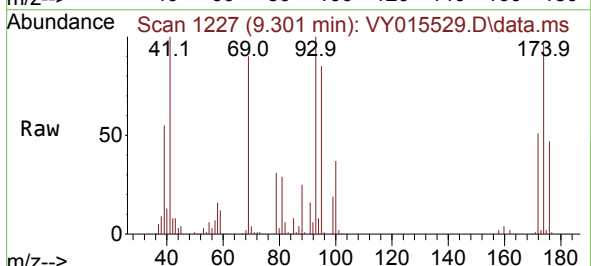
Tgt Ion: 93 Resp: 74039

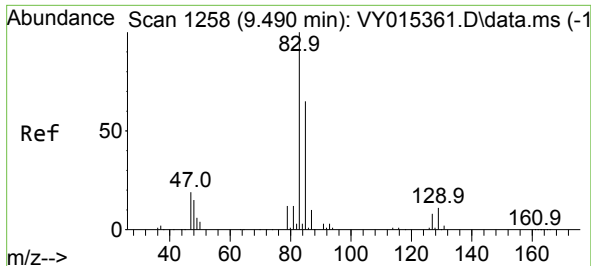
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 99.0 84.8 127.2

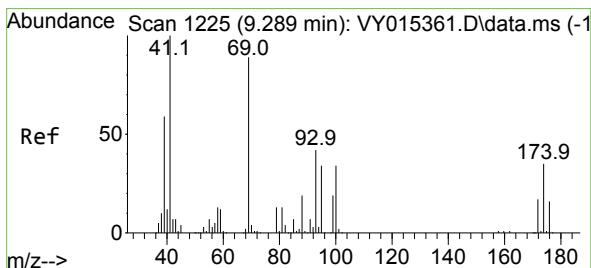
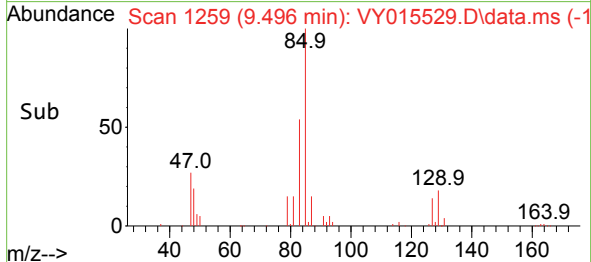
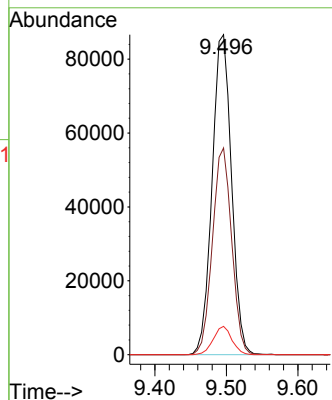
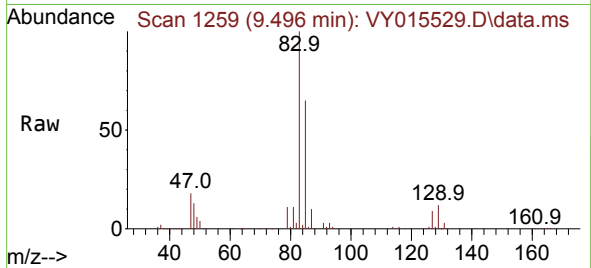




#47
Bromodichloromethane
Concen: 54.267 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

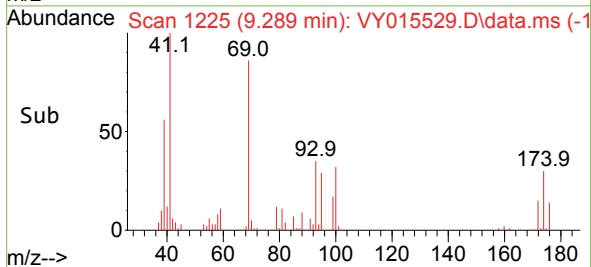
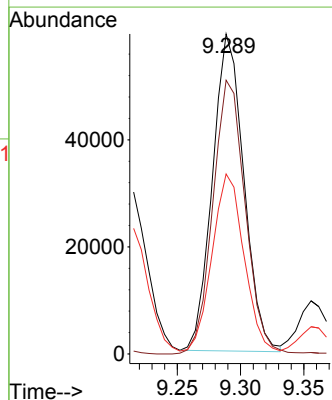
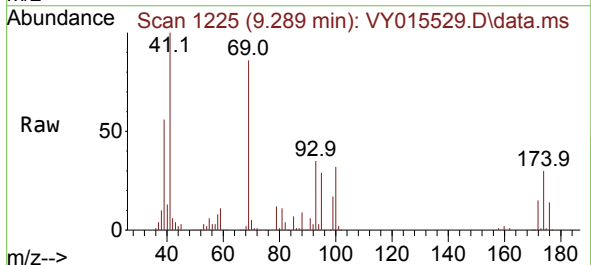
Instrument :
MSVOA_Y
ClientSampleId :

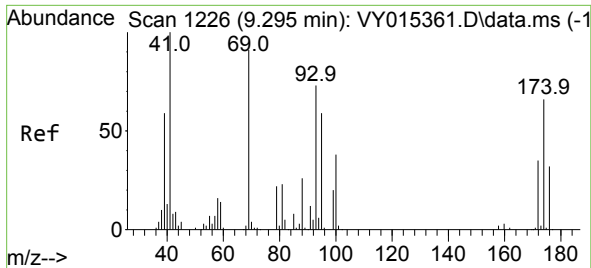
Tgt Ion: 83 Resp: 162974
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 55.468 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 41 Resp: 102024
Ion Ratio Lower Upper
41 100
69 89.5 64.5 96.7
39 58.5 50.8 76.2

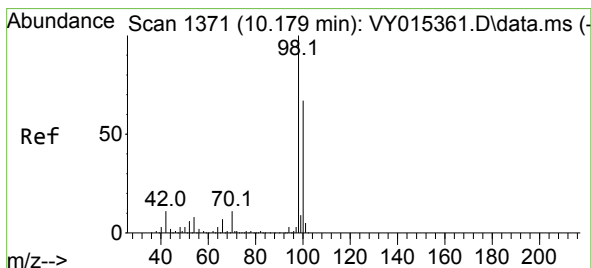
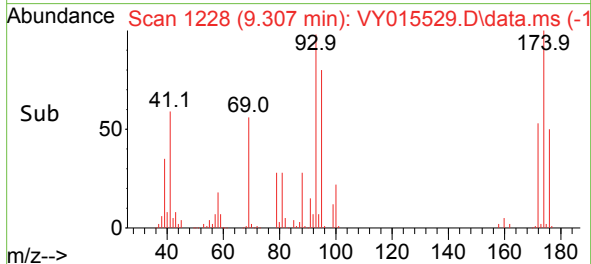
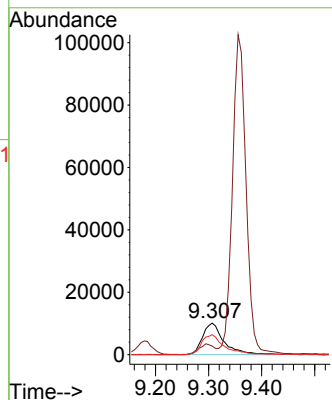
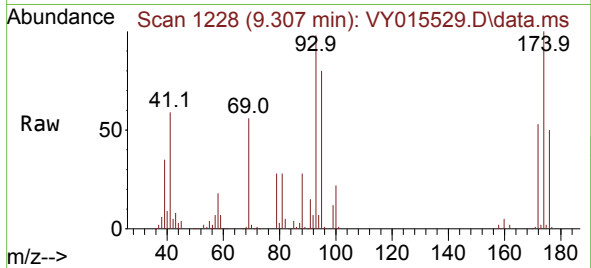




#49
1,4-Dioxane
Concen: 1097.420 ug/l
RT: 9.307 min Scan# 1226
Delta R.T. 0.018 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

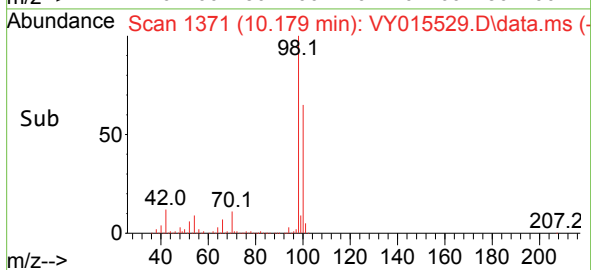
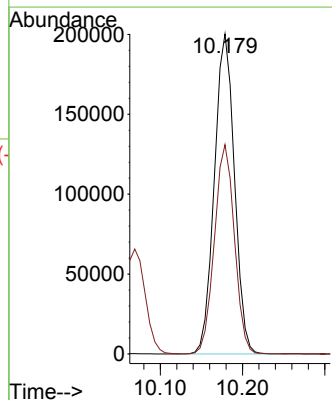
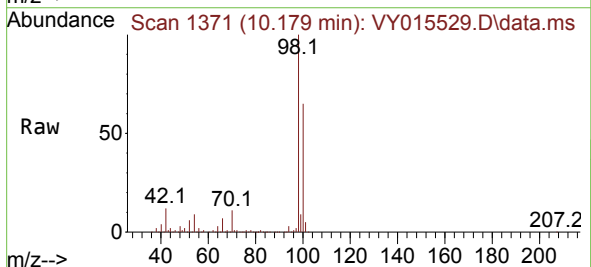
Instrument :
MSVOA_Y
ClientSampleId :

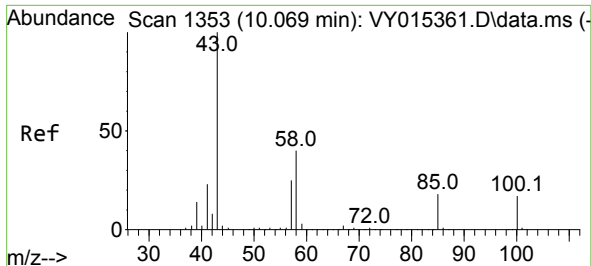
Tgt Ion: 88 Resp: 28626
Ion Ratio Lower Upper
88 100
43 22.4 0.0 0.0#
58 67.9 30.9 46.3#



#50
Toluene-d8
Concen: 54.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 98 Resp: 339730
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

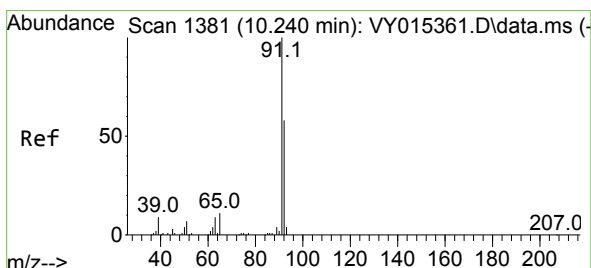
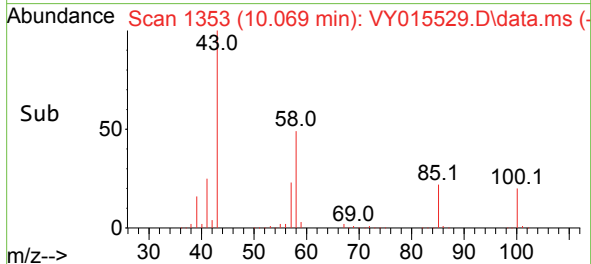
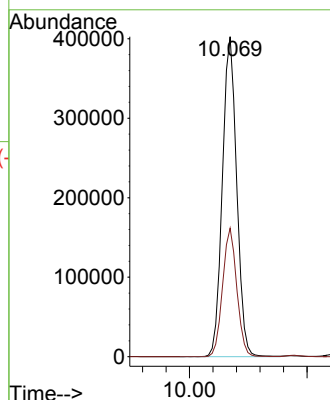
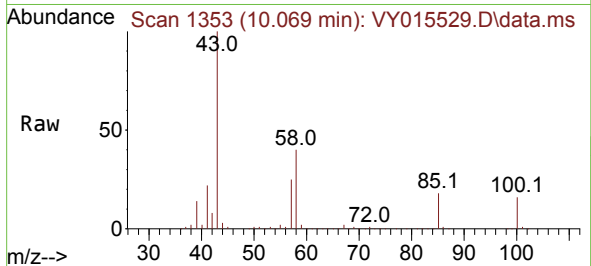




#51
4-Methyl-2-Pentanone
Concen: 291.894 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

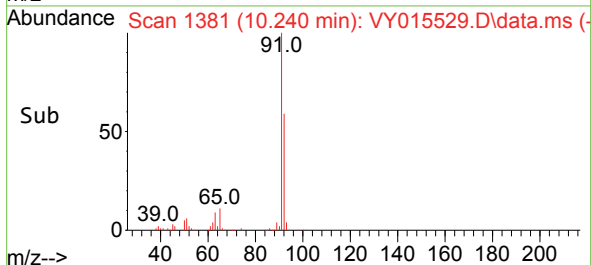
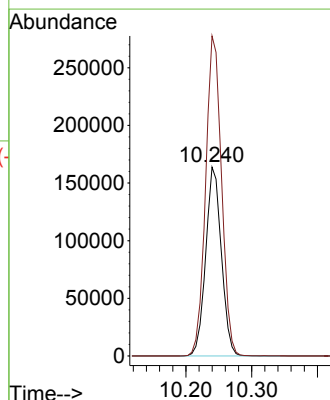
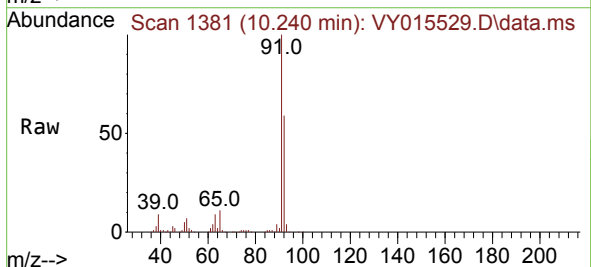
Instrument :
MSVOA_Y
ClientSampleId :

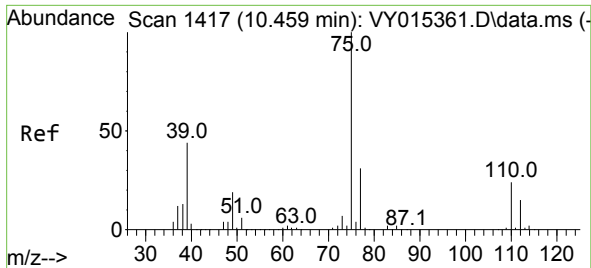
Tgt Ion: 43 Resp: 680124
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 50.460 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 92 Resp: 271234
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

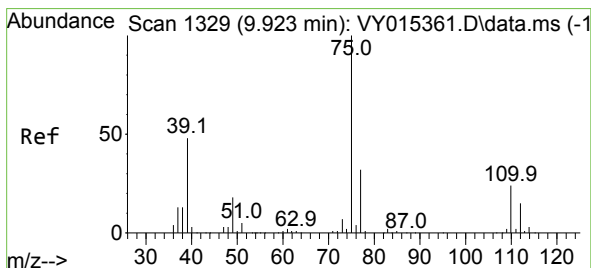
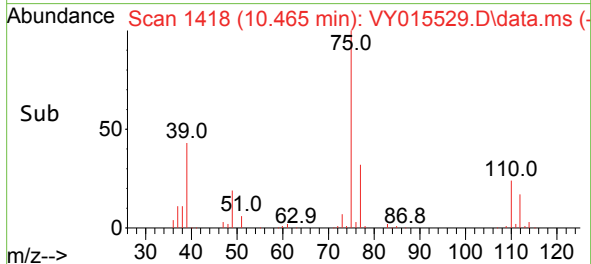
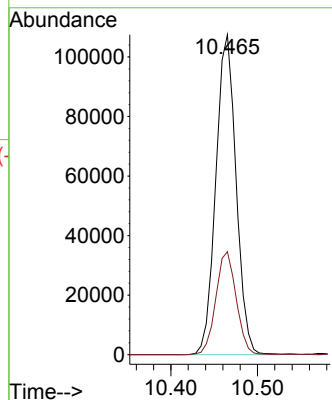
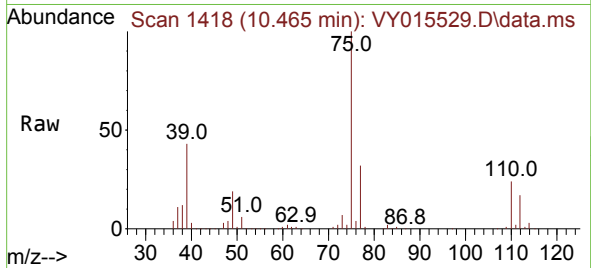




#53
 t-1,3-Dichloropropene
 Concen: 54.722 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

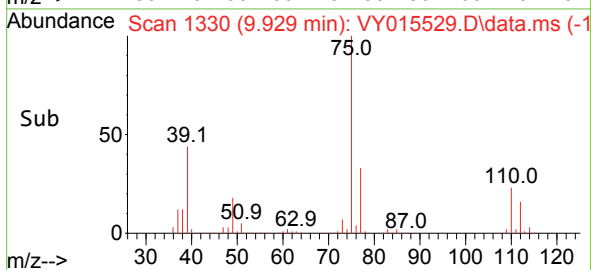
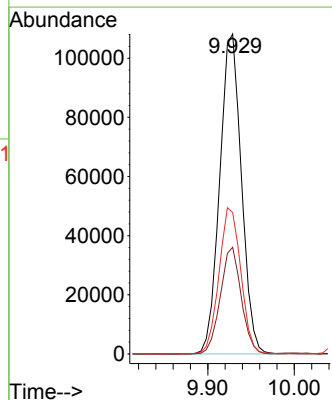
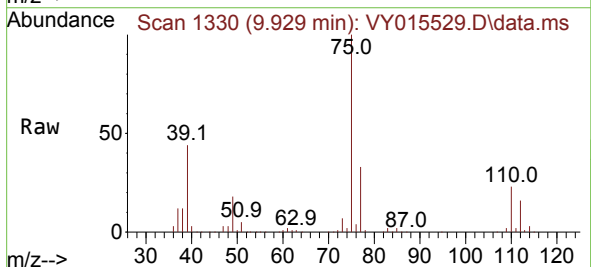
Instrument :
 MSVOA_Y
 ClientSampleId :

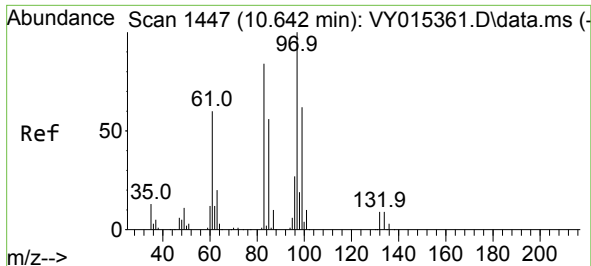
Tgt Ion: 75 Resp: 174653
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.303 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

Tgt Ion: 75 Resp: 188534
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.2 36.4
 39 44.2 42.2 63.4

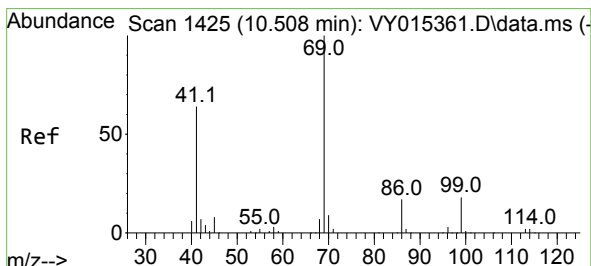
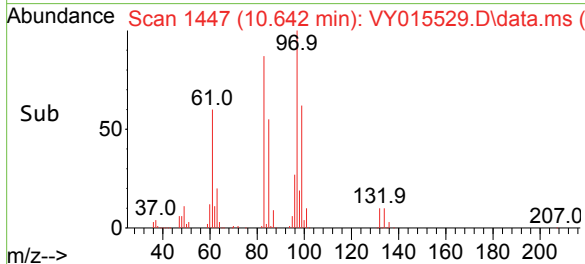
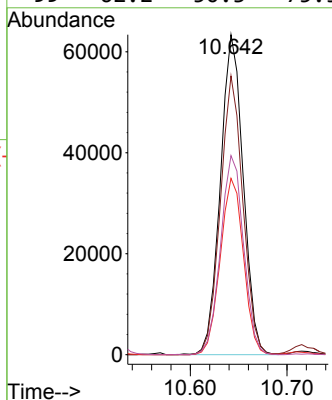
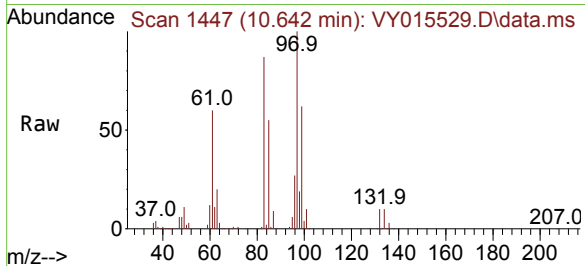




#55
1,1,2-Trichloroethane
Concen: 54.895 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

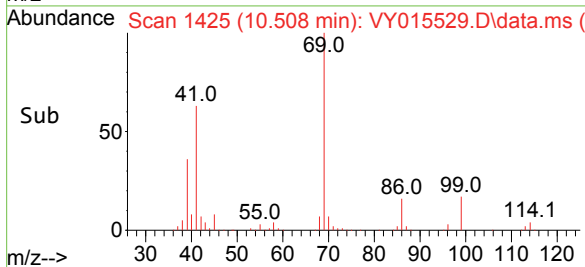
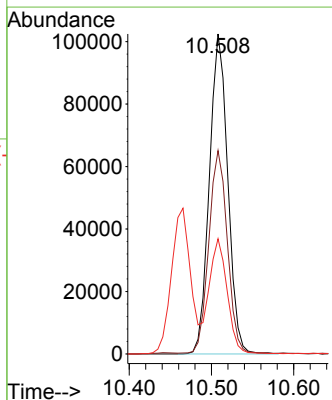
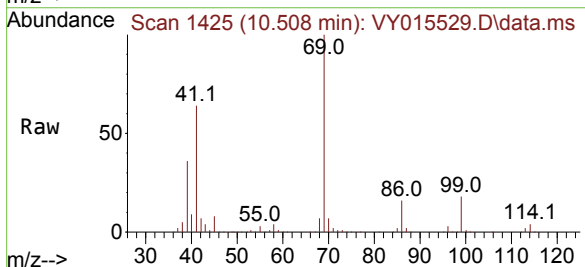
Instrument :
MSVOA_Y
ClientSampleId :

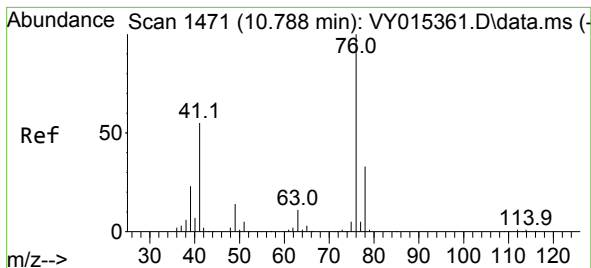
Tgt Ion:	97	Resp:	103873
Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.0	108.0
85	55.1	45.4	68.0
99	62.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 56.812 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:	69	Resp:	159303
Ion	Ratio	Lower	Upper
69	100		
41	63.8	57.6	86.4
39	36.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 54.069 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

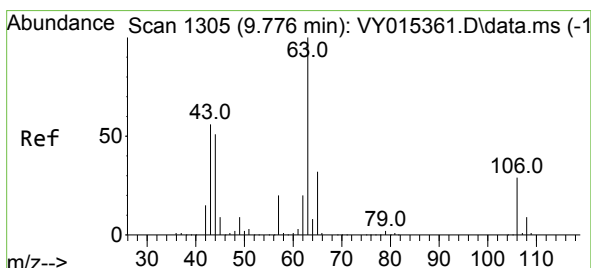
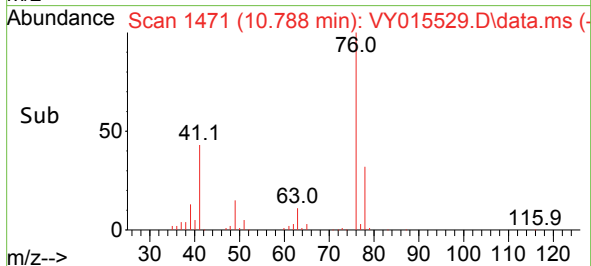
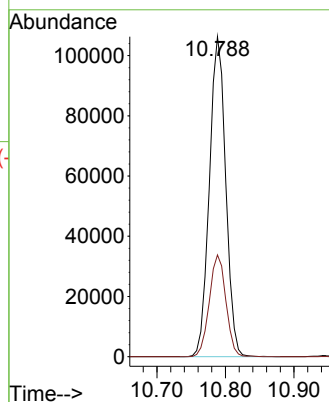
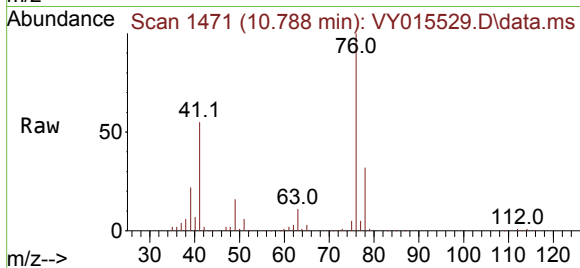
ClientSampleId :

Tgt Ion: 76 Resp: 176115

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 285.346 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015529.D

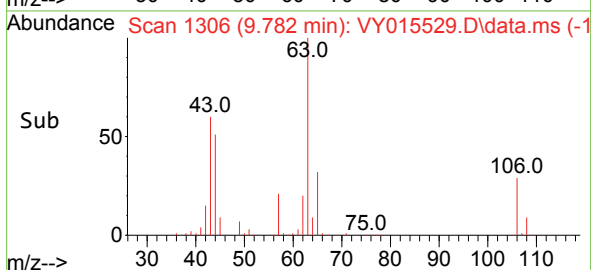
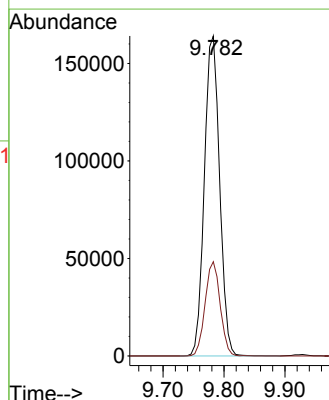
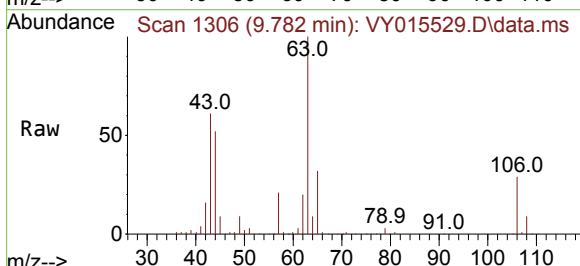
Acq: 14 Sep 2023 11:35

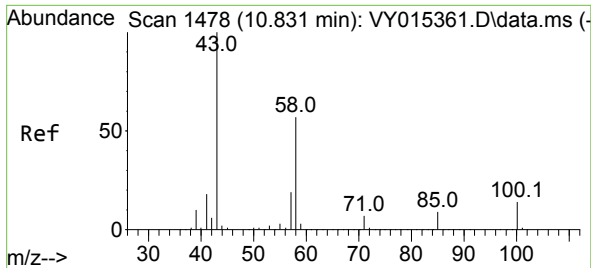
Tgt Ion: 63 Resp: 285593

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

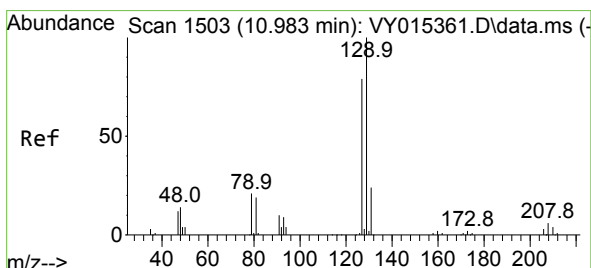
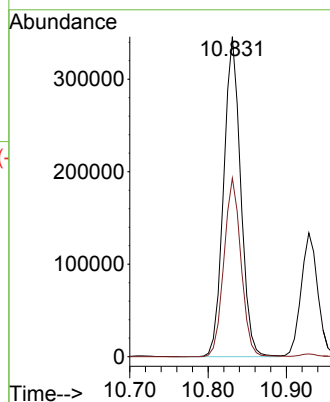
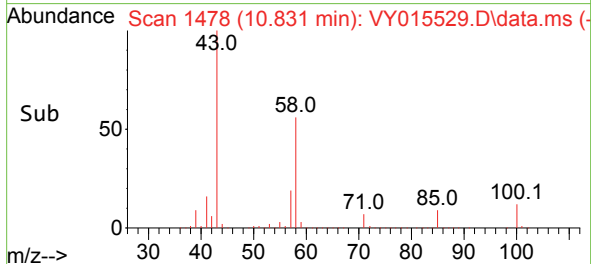
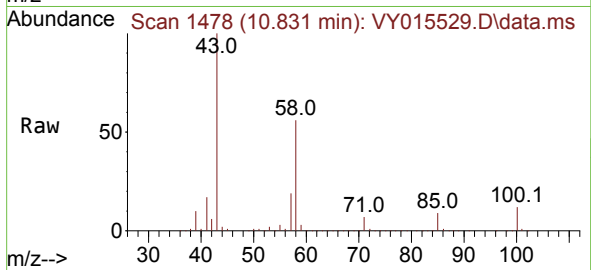




#59
2-Hexanone
Concen: 299.284 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

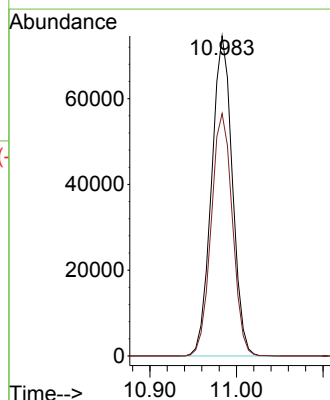
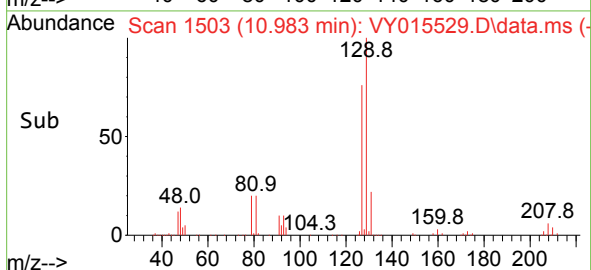
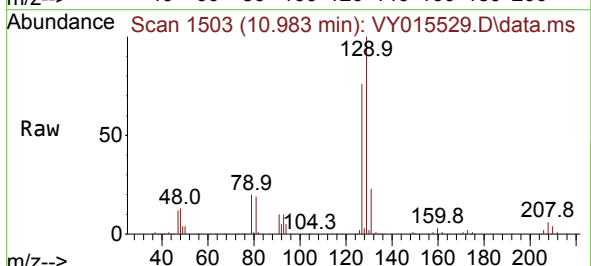
Instrument :
MSVOA_Y
ClientSampleId :

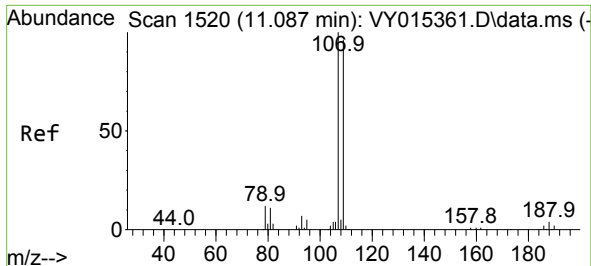
Tgt Ion: 43 Resp: 523252
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 56.098 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 129 Resp: 124242
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

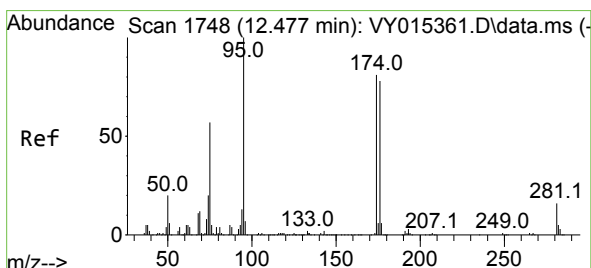
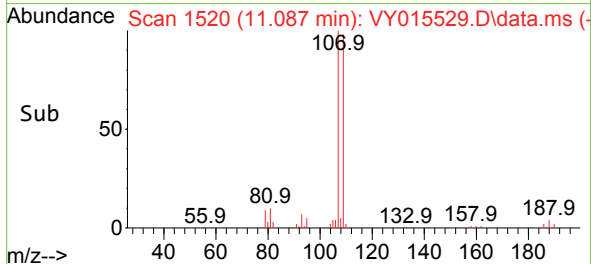
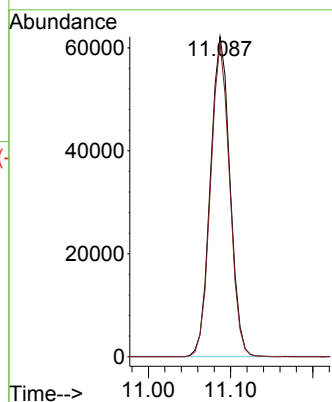
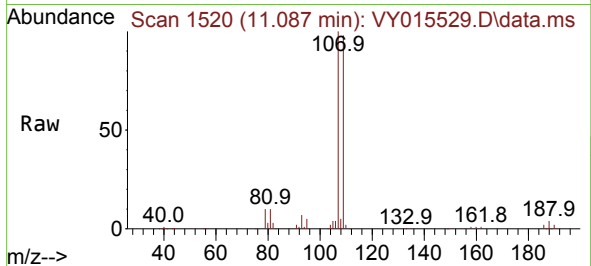




#61
1,2-Dibromoethane
Concen: 53.548 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

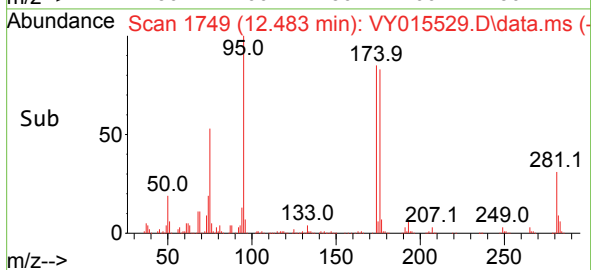
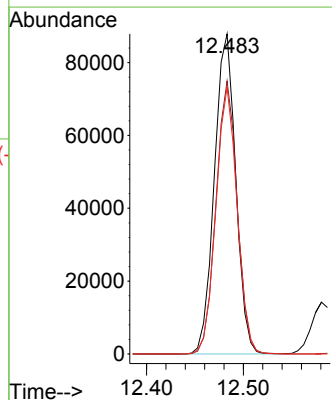
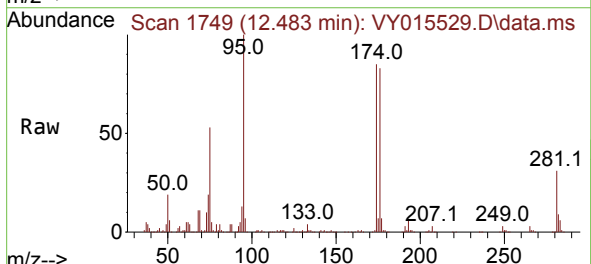
Instrument :
MSVOA_Y
ClientSampleId :

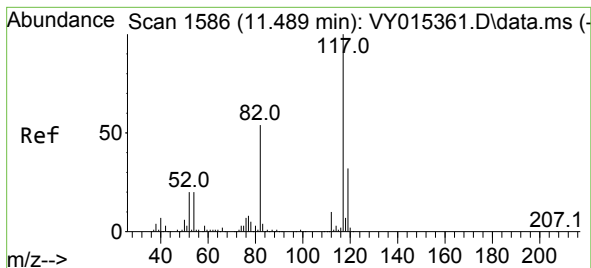
Tgt Ion:107 Resp: 102669
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion: 95 Resp: 134521
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

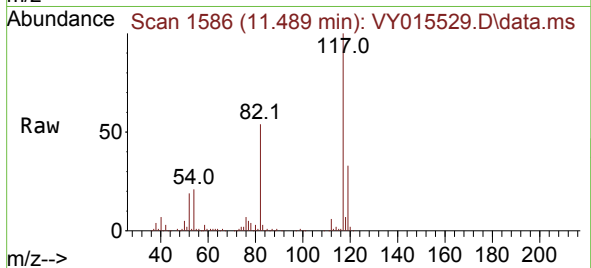
Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :



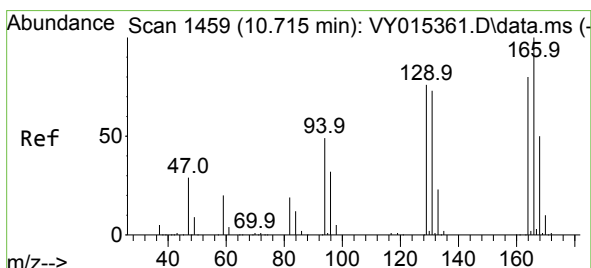
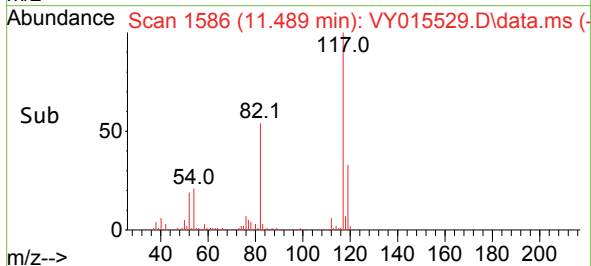
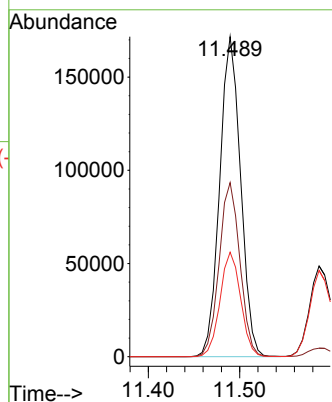
Tgt Ion:117 Resp: 273034

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 50.255 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Tgt Ion:164 Resp: 124543

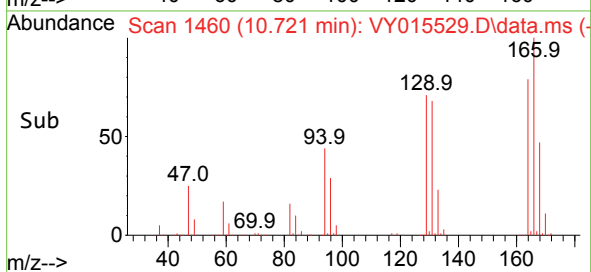
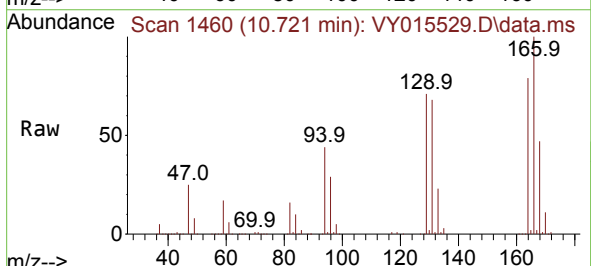
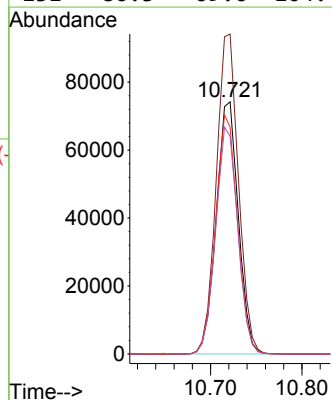
Ion Ratio Lower Upper

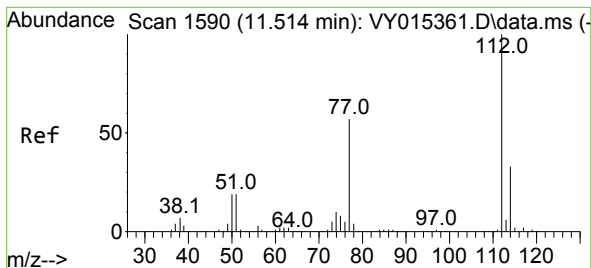
164 100

166 126.9 103.0 154.6

129 90.0 77.2 115.8

131 86.3 69.6 104.4

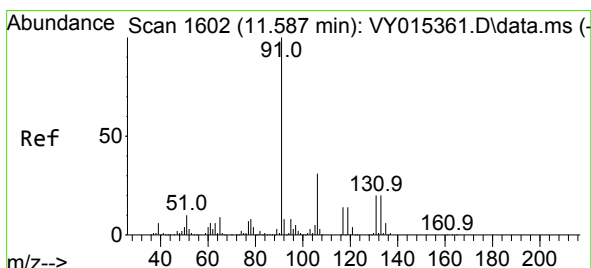
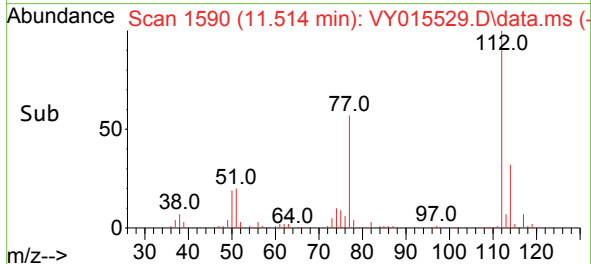
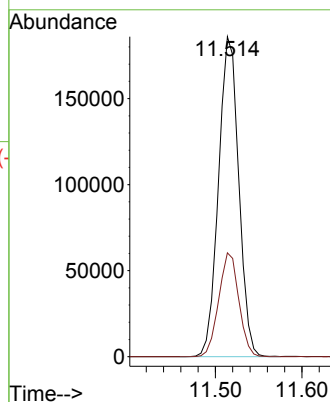
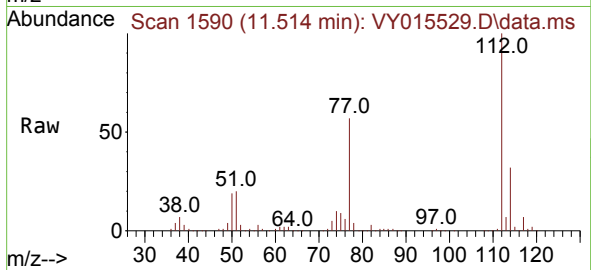




#65
Chlorobenzene
Concen: 51.283 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

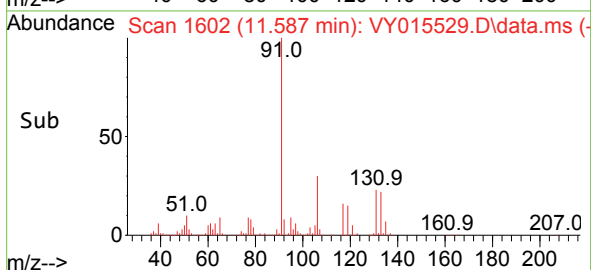
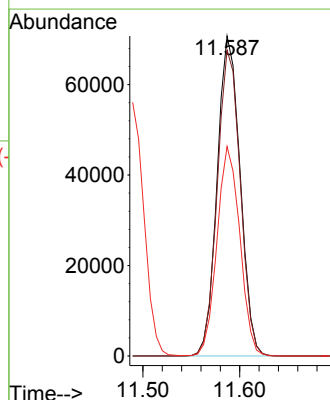
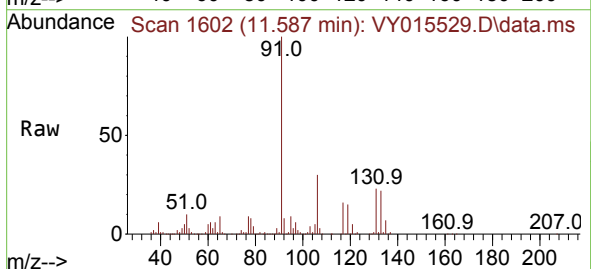
Instrument :
MSVOA_Y
ClientSampleId :

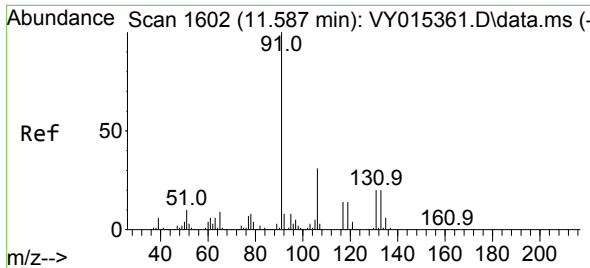
Tgt Ion:112 Resp: 301725
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.008 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:131 Resp: 116304
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.3 31.6 94.7

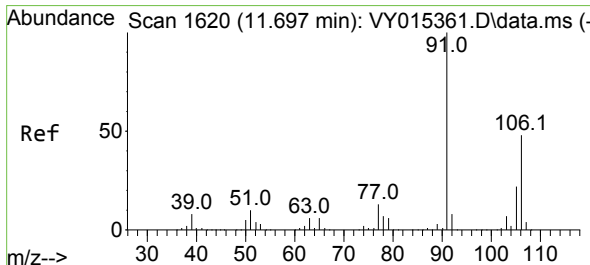
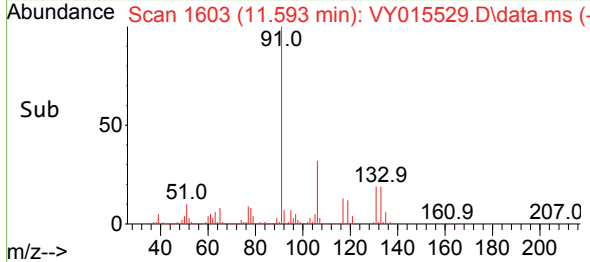
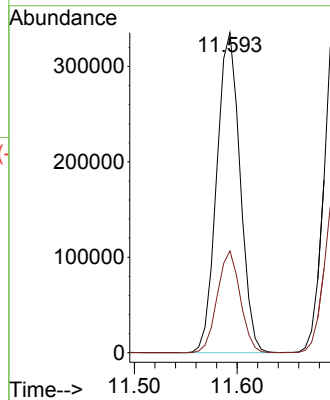
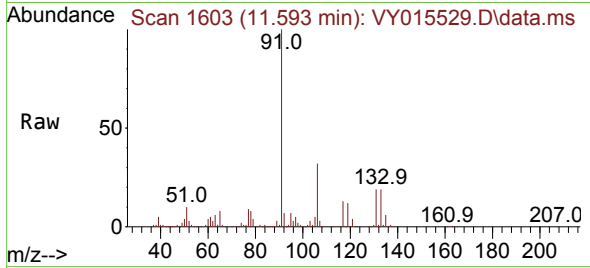




#67
Ethyl Benzene
Concen: 50.034 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

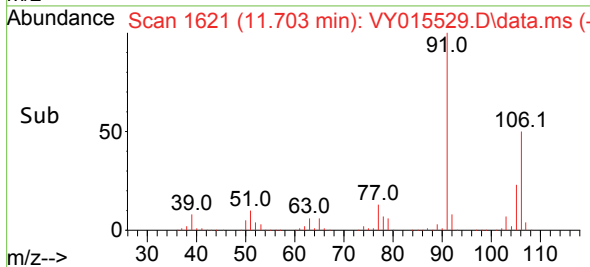
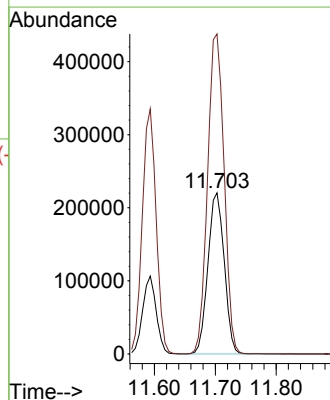
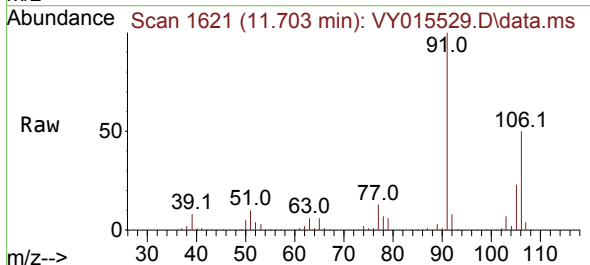
Instrument :
MSVOA_Y
ClientSampleId :

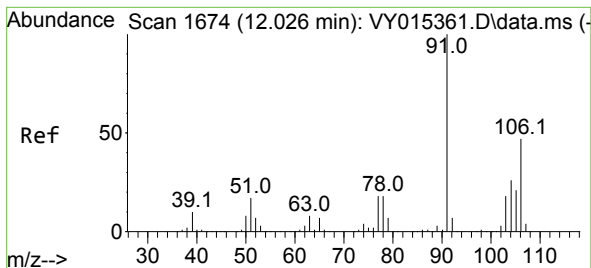
Tgt Ion: 91 Resp: 528588
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 100.050 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:106 Resp: 409710
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1





#69

o-Xylene

Concen: 51.136 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

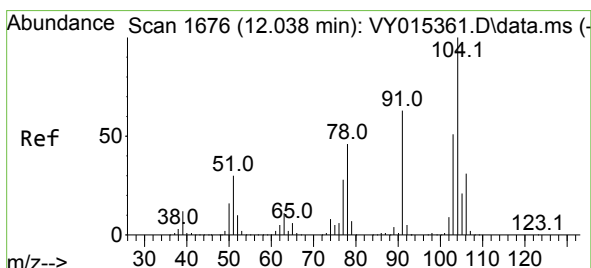
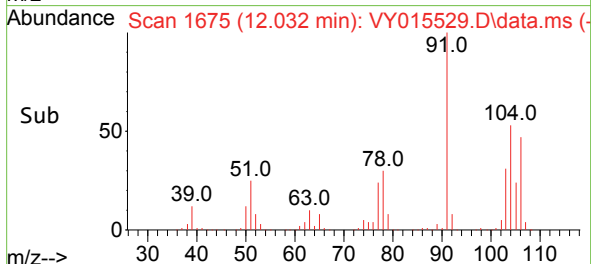
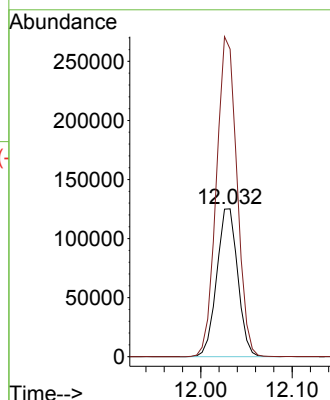
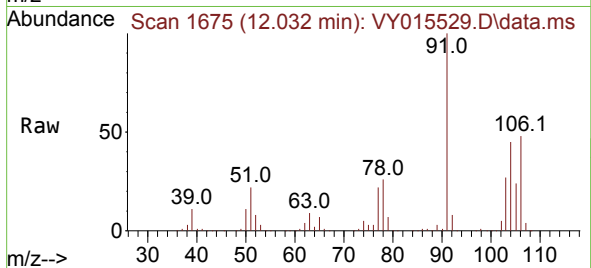
ClientSampleId :

Tgt Ion:106 Resp: 200126

Ion Ratio Lower Upper

106 100

91 212.0 108.1 324.3



#70

Styrene

Concen: 52.955 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

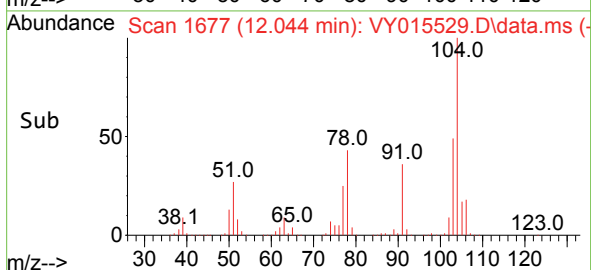
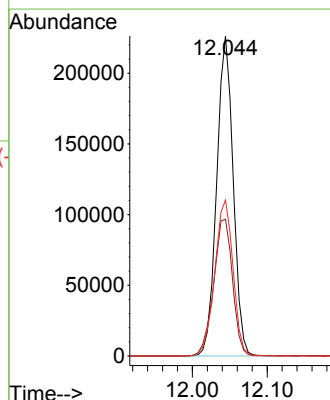
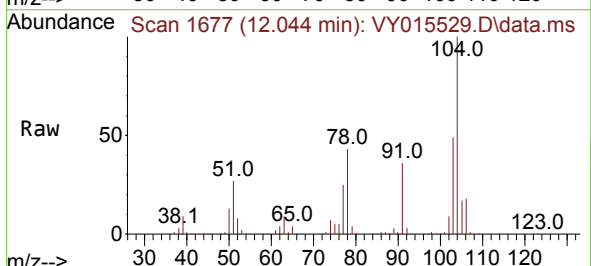
Tgt Ion:104 Resp: 348469

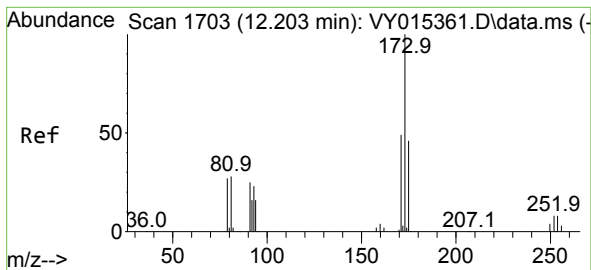
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 53.8 44.6 67.0





#71

Bromoform

Concen: 57.319 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY015529.D

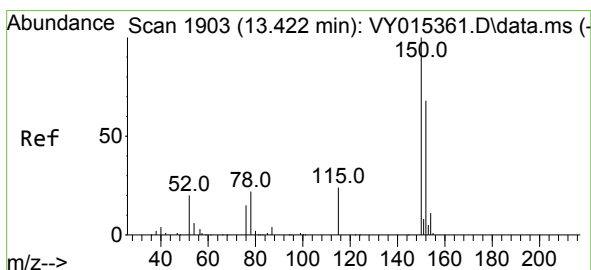
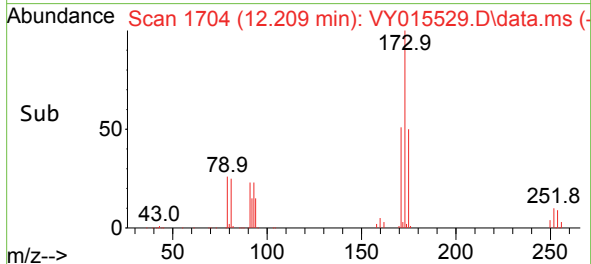
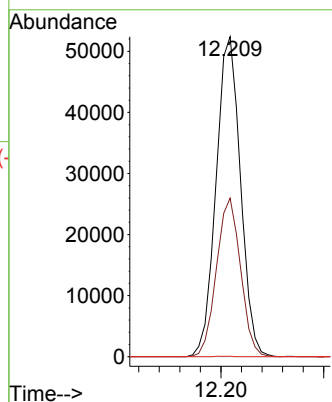
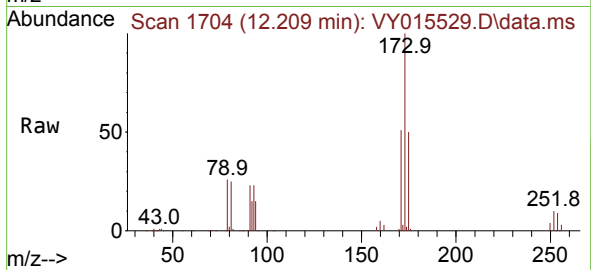
Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 86104
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.6 73.8
 254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

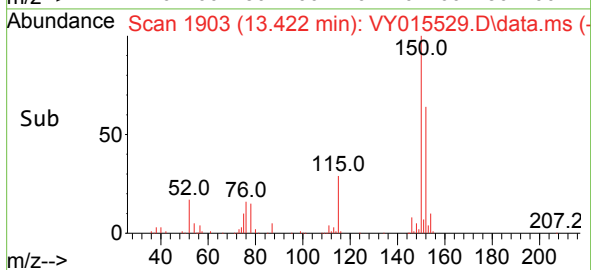
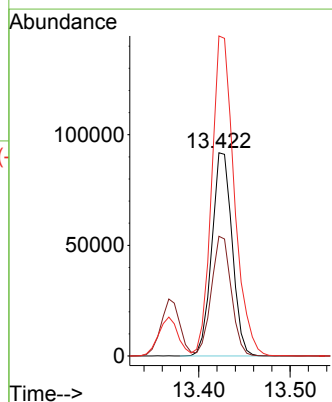
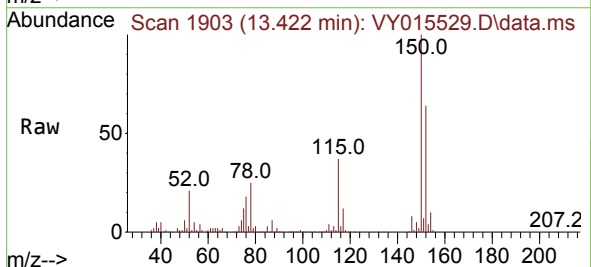
RT: 13.422 min Scan# 1903

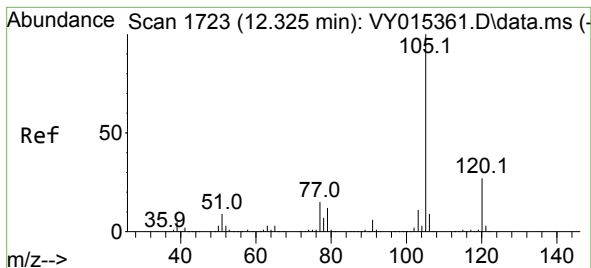
Delta R.T. 0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Tgt Ion:152 Resp: 141722
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 175.1 0.0 348.8





#73

Isopropylbenzene

Concen: 49.107 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

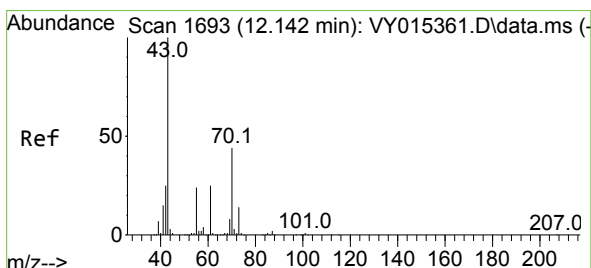
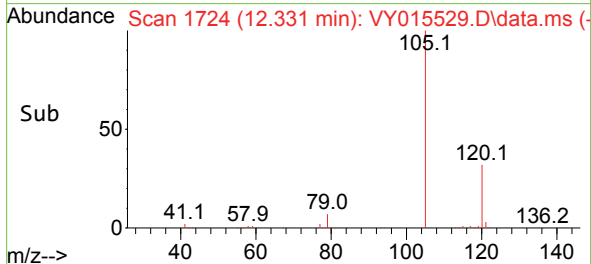
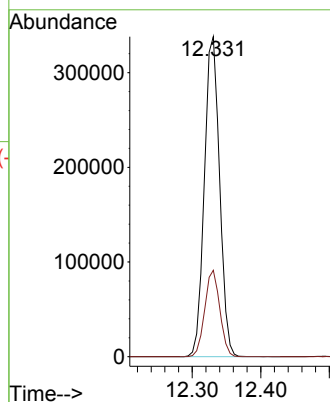
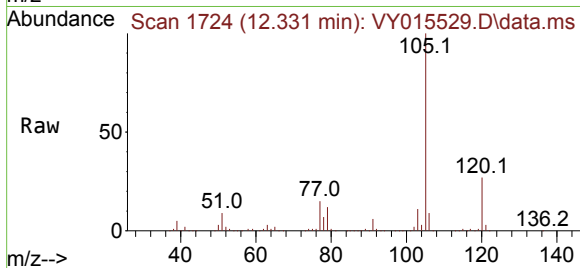
ClientSampleId :

Tgt Ion:105 Resp: 522759

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 55.841 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Tgt Ion: 43 Resp: 199708

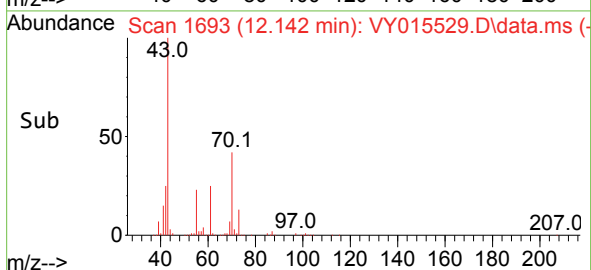
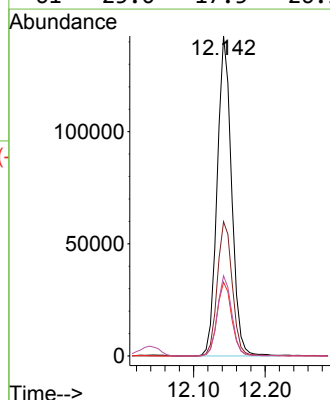
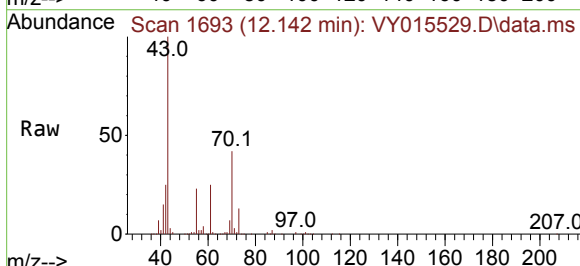
Ion Ratio Lower Upper

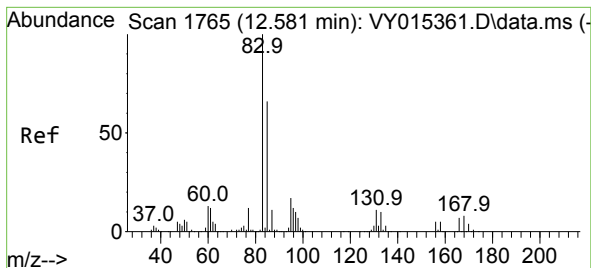
43 100

70 43.4 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: 54.914 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

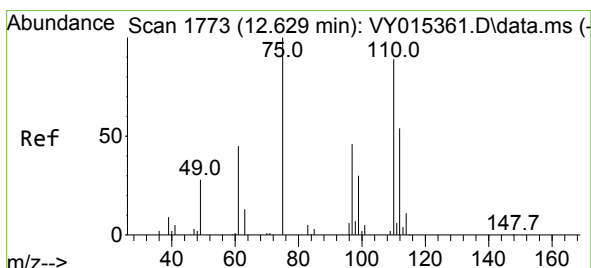
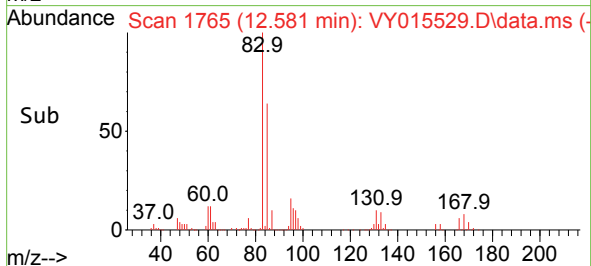
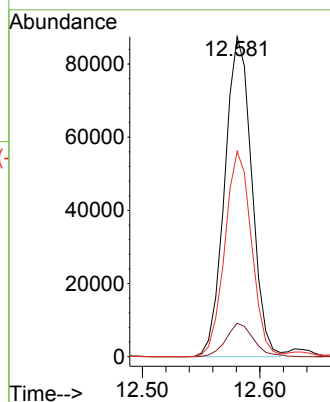
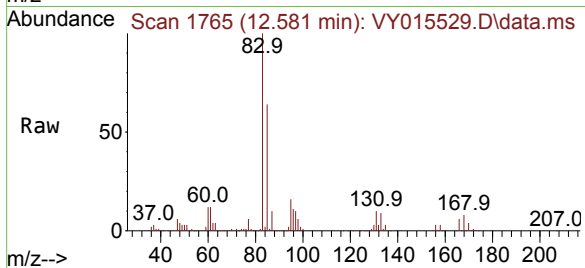
Tgt Ion: 83 Resp: 139547

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 99.531 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015529.D

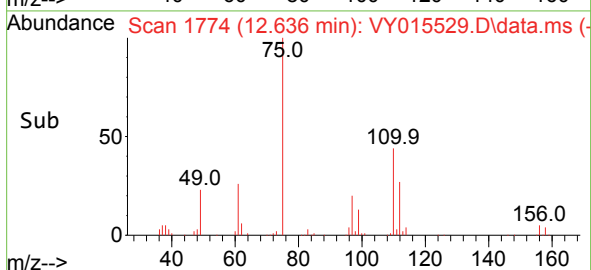
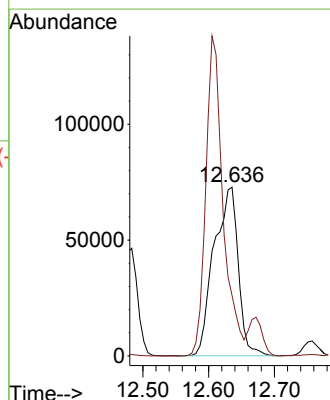
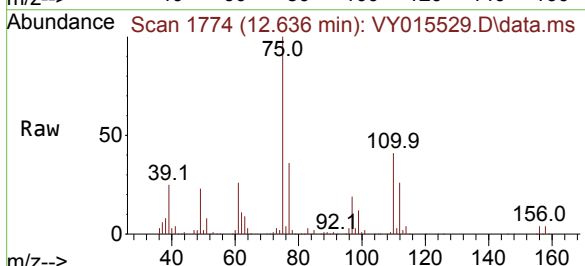
Acq: 14 Sep 2023 11:35

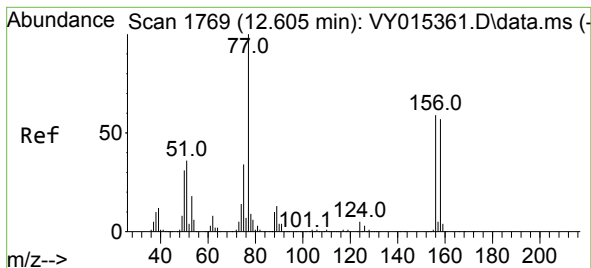
Tgt Ion: 75 Resp: 187056

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.605 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

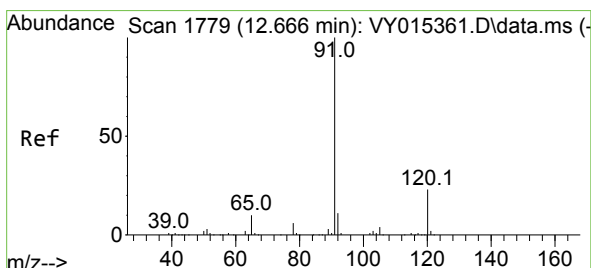
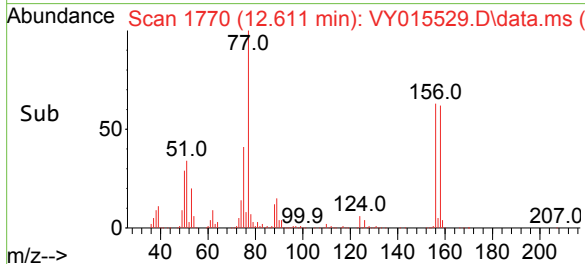
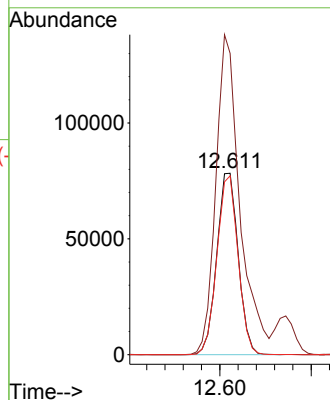
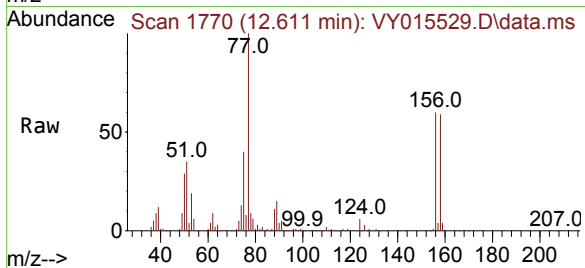
Tgt Ion:156 Resp: 127589

Ion Ratio Lower Upper

156 100

77 197.7 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 49.246 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015529.D

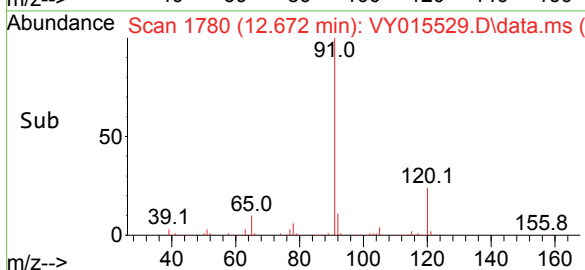
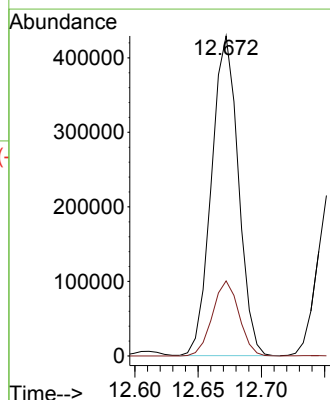
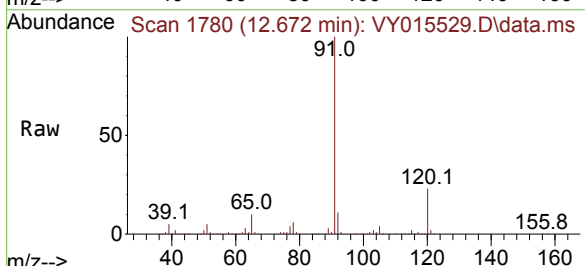
Acq: 14 Sep 2023 11:35

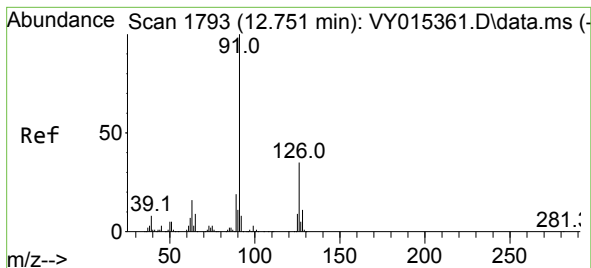
Tgt Ion: 91 Resp: 634342

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

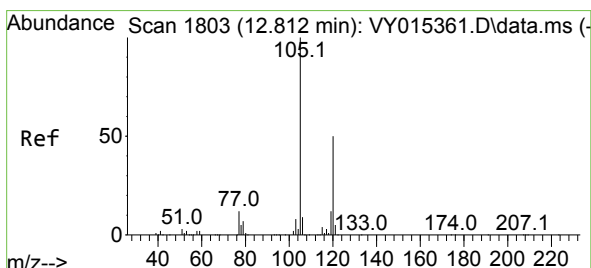
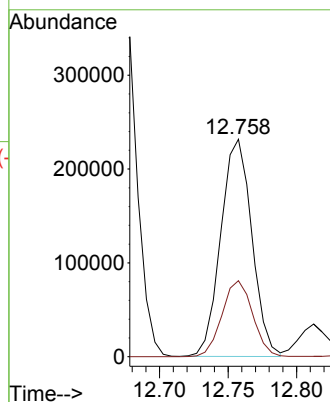
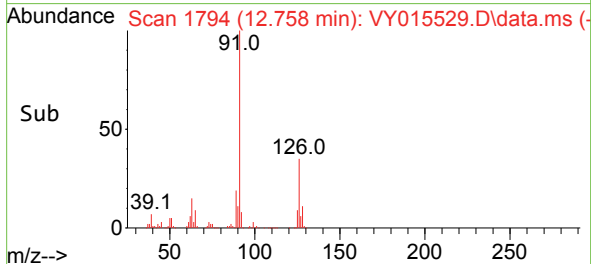
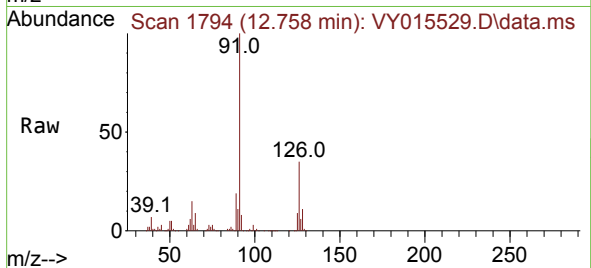




#79
2-Chlorotoluene
Concen: 50.604 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

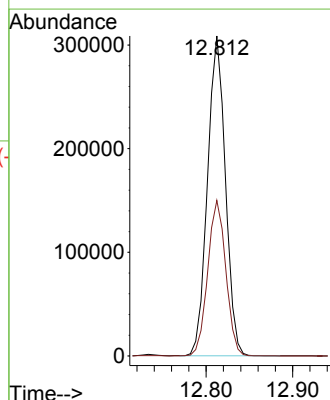
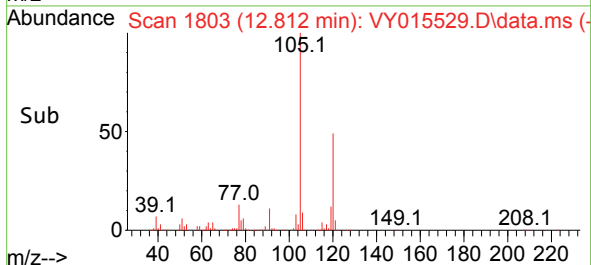
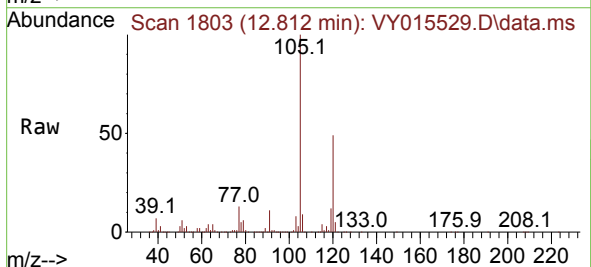
Instrument :
MSVOA_Y
ClientSampleId :

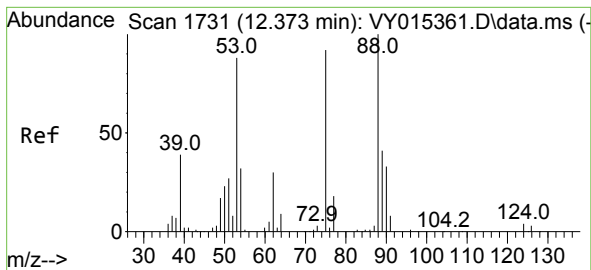
Tgt Ion: 91 Resp: 365600
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.806 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:105 Resp: 443469
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

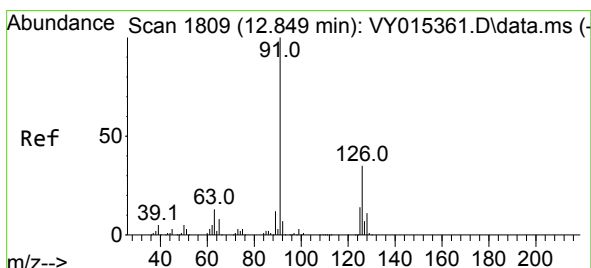
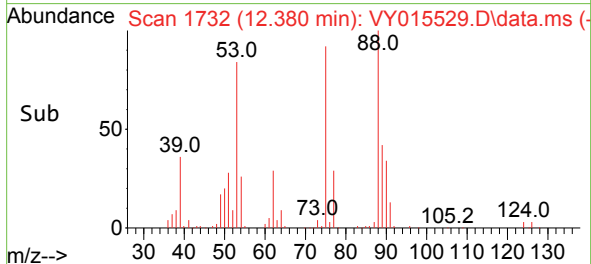
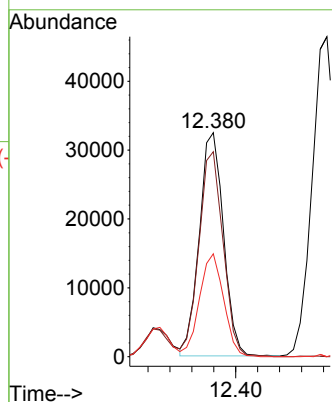
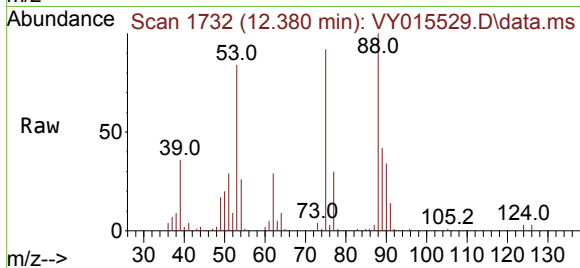




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.254 ug/l
 RT: 12.380 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

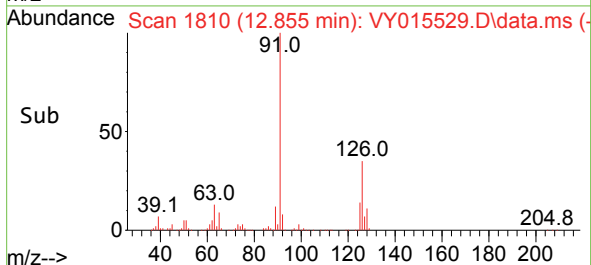
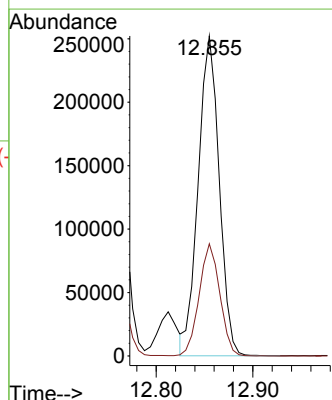
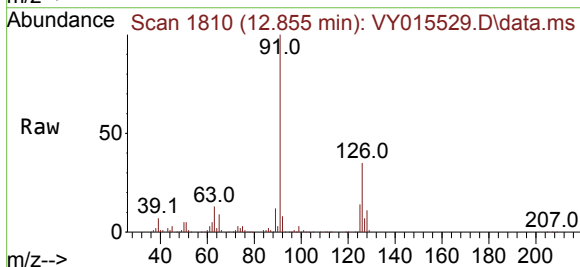
Instrument :
 MSVOA_Y
 ClientSampleId :

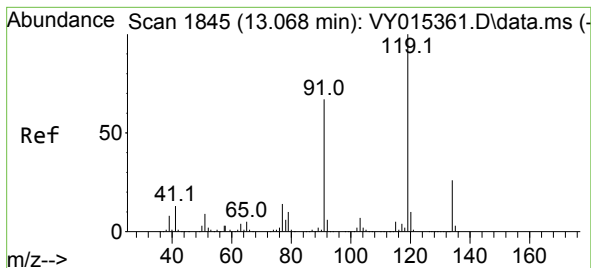
Tgt Ion: 75 Resp: 49631
 Ion Ratio Lower Upper
 75 100
 53 92.0 77.8 116.8
 89 46.2 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 50.749 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VY015529.D
 Acq: 14 Sep 2023 11:35

Tgt Ion: 91 Resp: 381056
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.075 ug/l

RT: 13.075 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

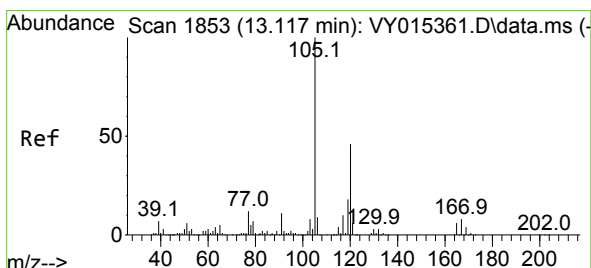
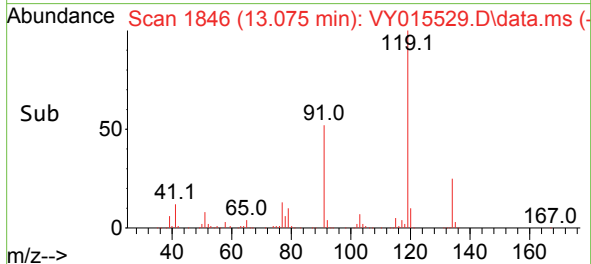
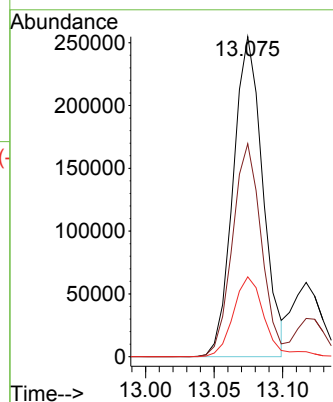
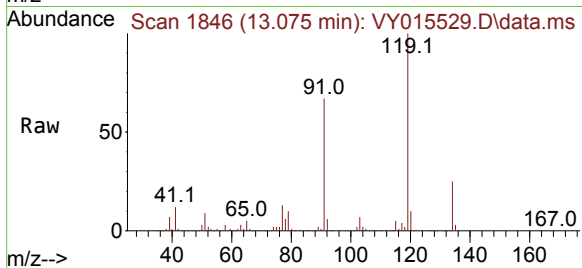
Tgt Ion:119 Resp: 382727

Ion Ratio Lower Upper

119 100

91 65.0 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.432 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015529.D

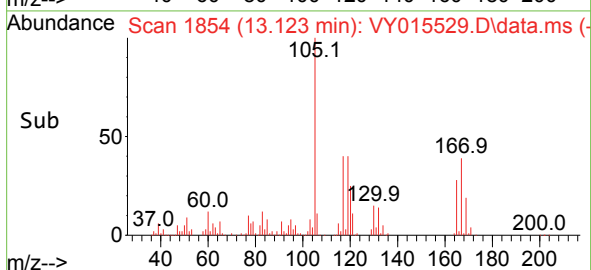
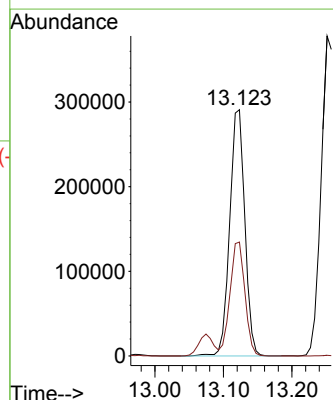
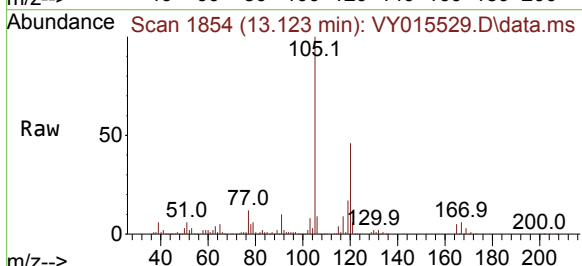
Acq: 14 Sep 2023 11:35

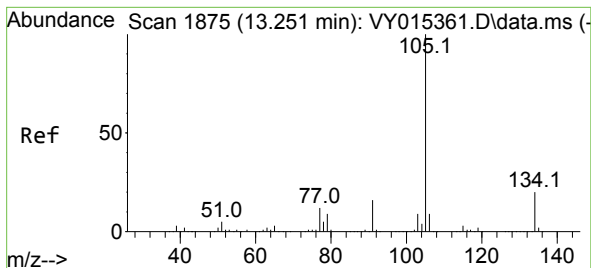
Tgt Ion:105 Resp: 445857

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.237 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

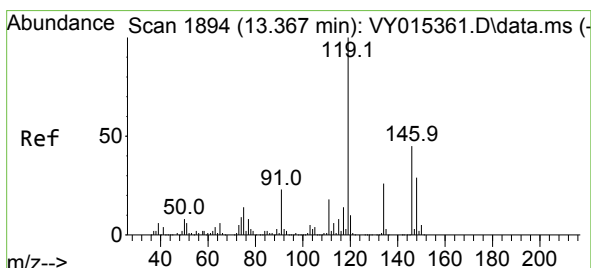
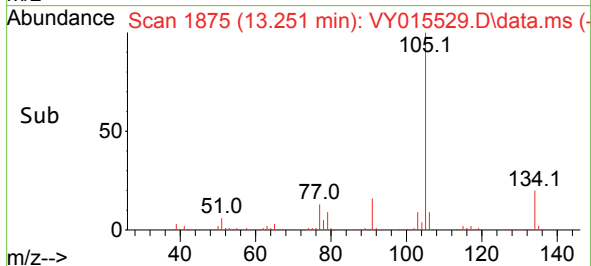
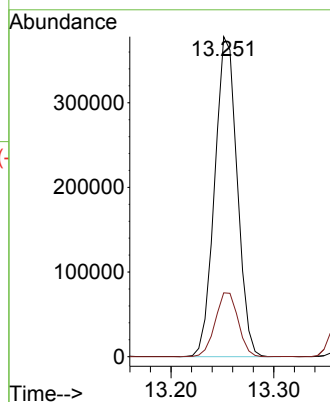
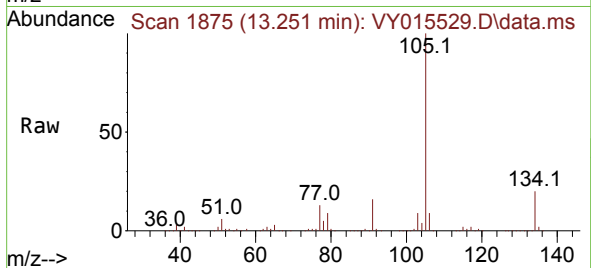
ClientSampleId :

Tgt Ion:105 Resp: 572734

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.598 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

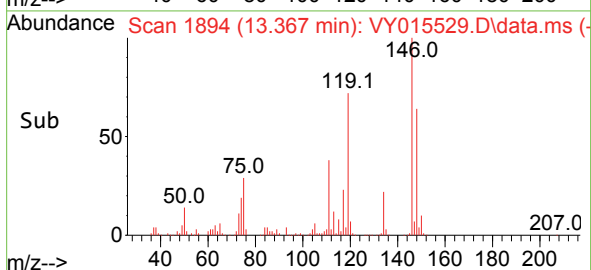
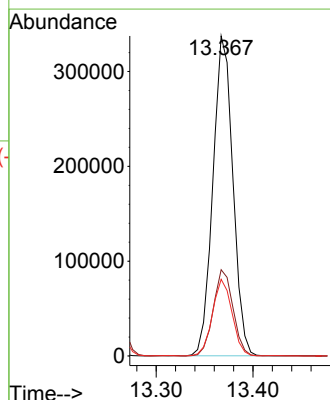
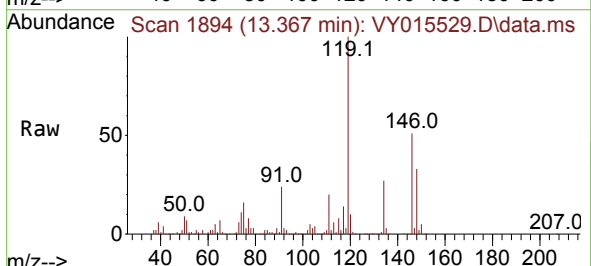
Tgt Ion:119 Resp: 483539

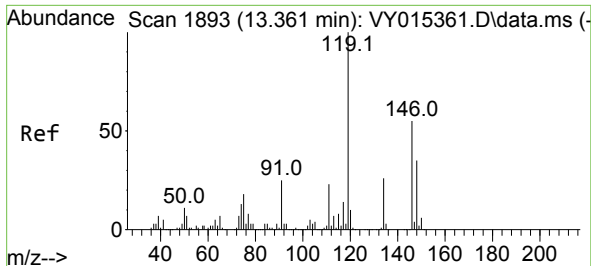
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.5 12.4 37.4

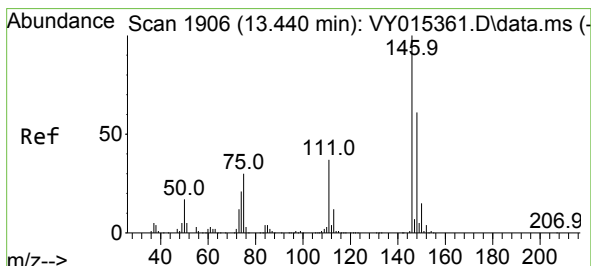
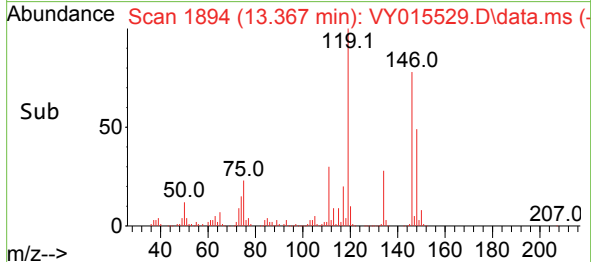
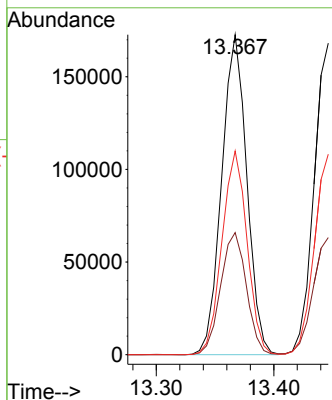
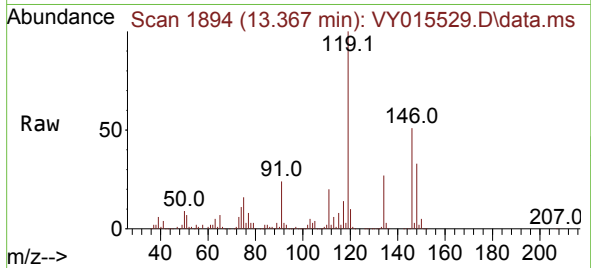




#87
1,3-Dichlorobenzene
Concen: 51.651 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

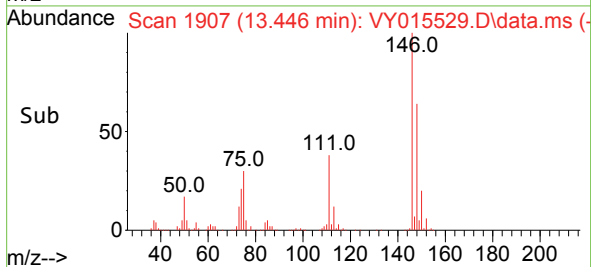
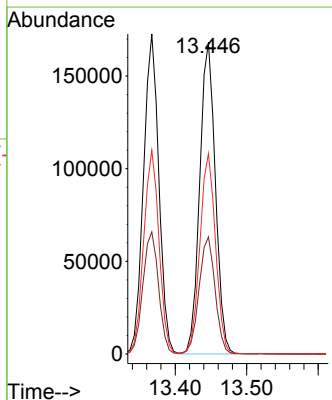
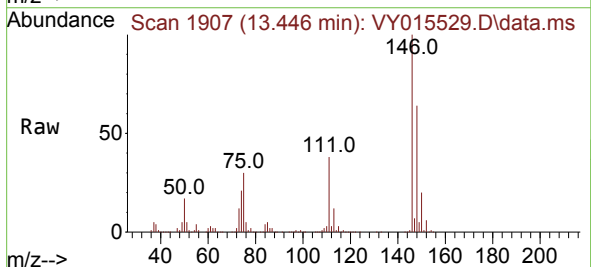
Instrument :
MSVOA_Y
ClientSampleId :

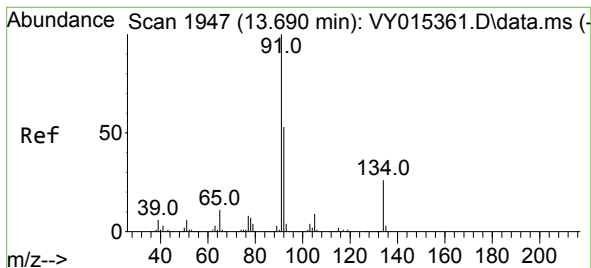
Tgt Ion:146 Resp: 257091
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.880 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY015529.D
Acq: 14 Sep 2023 11:35

Tgt Ion:146 Resp: 256001
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 49.932 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

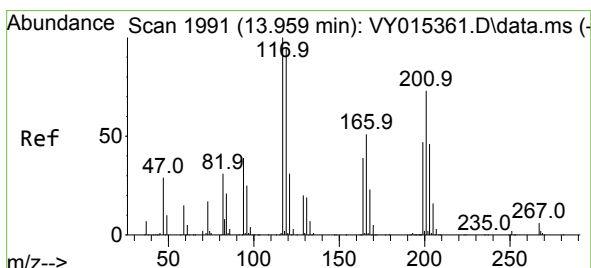
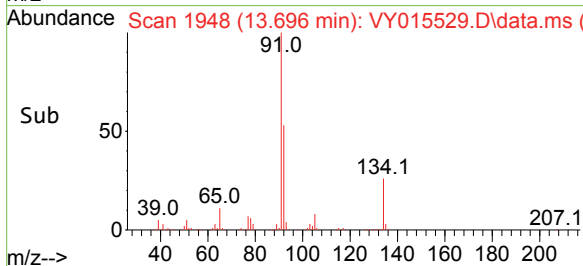
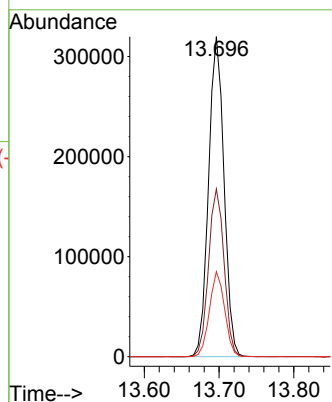
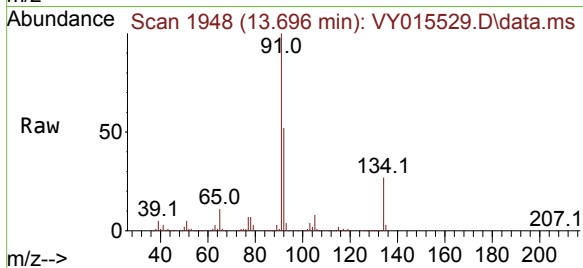
Tgt Ion: 91 Resp: 458172

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 52.123 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015529.D

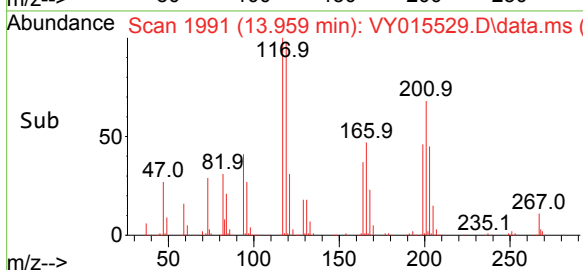
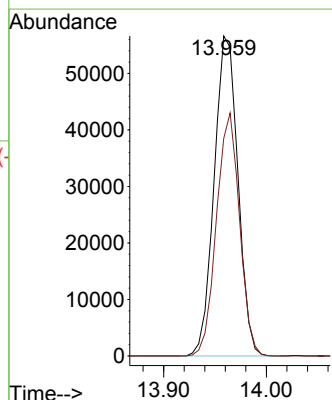
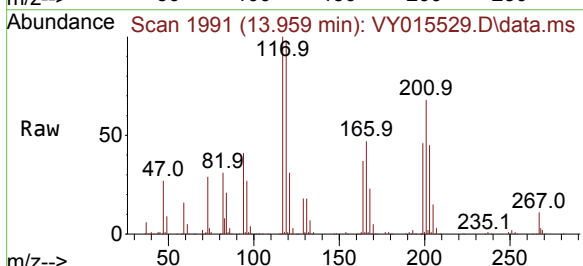
Acq: 14 Sep 2023 11:35

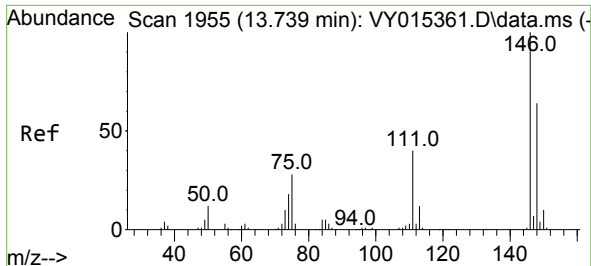
Tgt Ion: 117 Resp: 90883

Ion Ratio Lower Upper

117 100

201 73.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.222 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

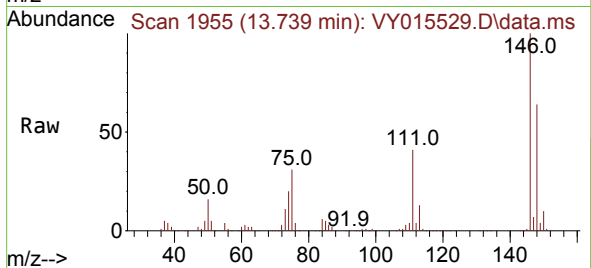
Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :



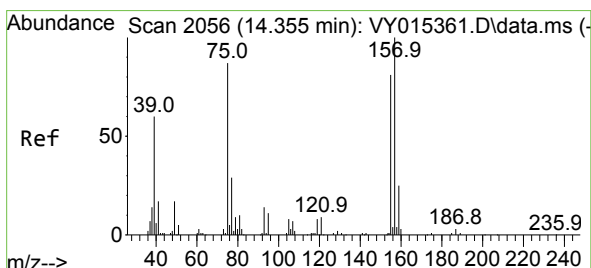
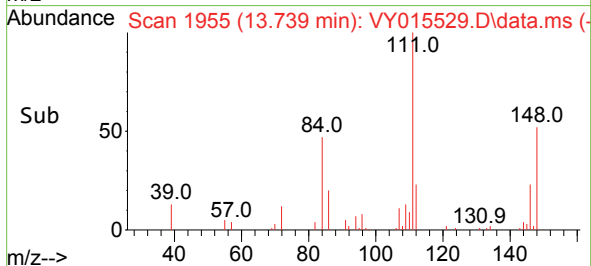
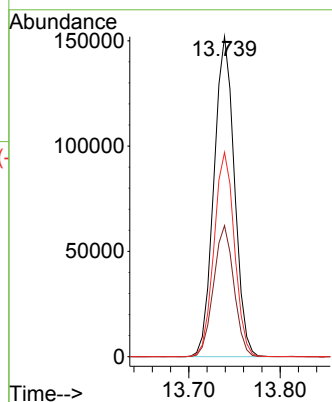
Tgt Ion:146 Resp: 237213

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.284 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

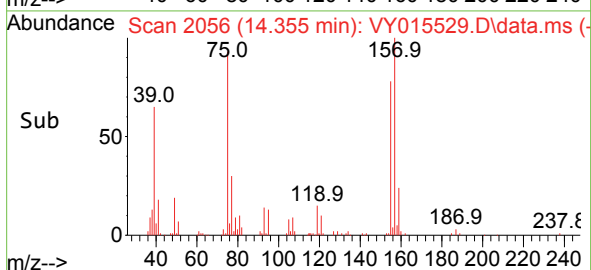
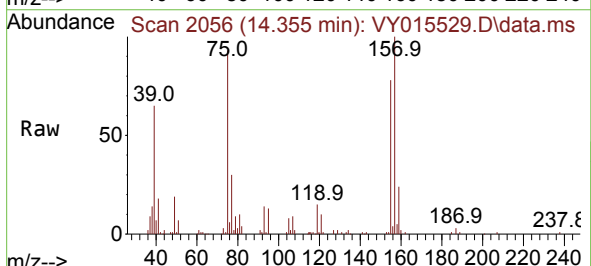
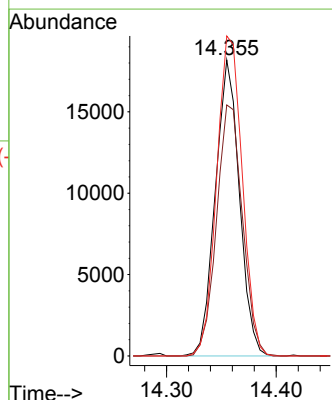
Tgt Ion: 75 Resp: 27791

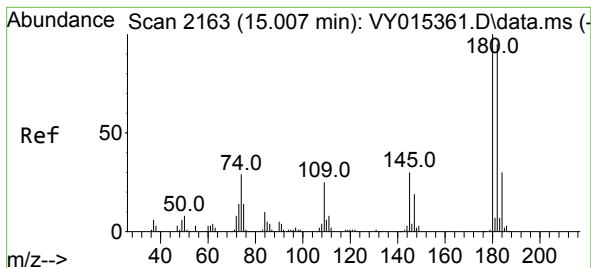
Ion Ratio Lower Upper

75 100

155 91.1 41.5 124.6

157 115.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.633 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :

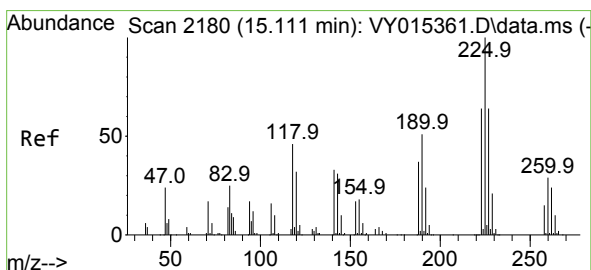
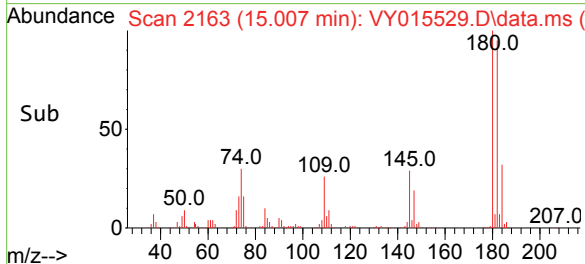
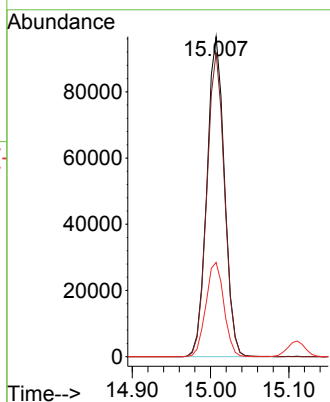
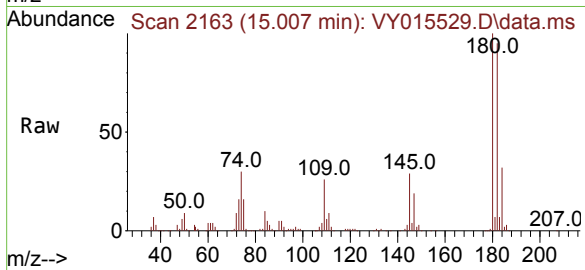
Tgt Ion:180 Resp: 150144

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.926 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

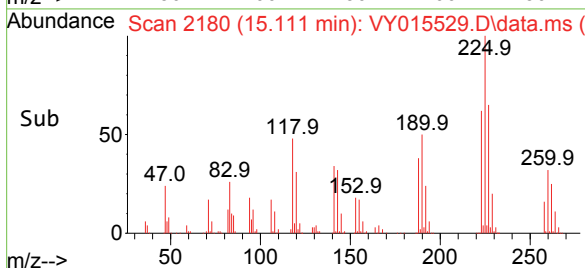
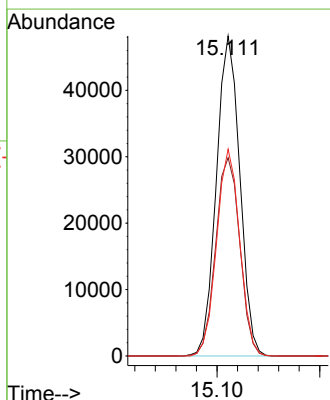
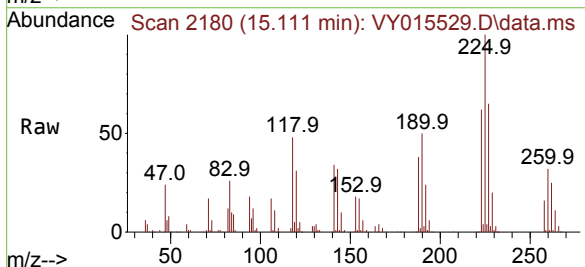
Tgt Ion:225 Resp: 76105

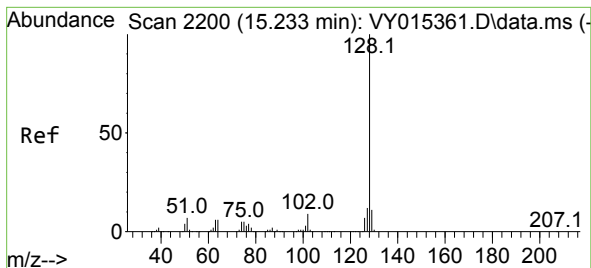
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 55.218 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

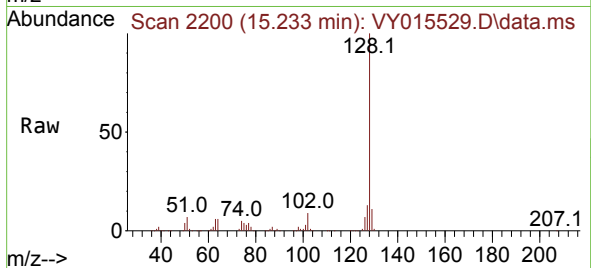
Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Instrument :

MSVOA_Y

ClientSampleId :



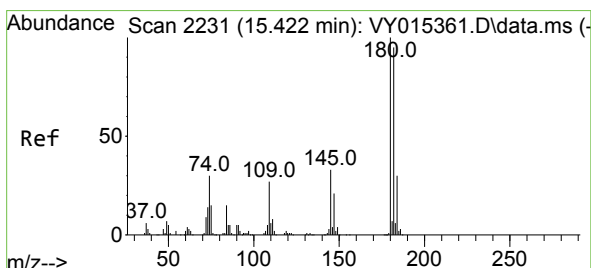
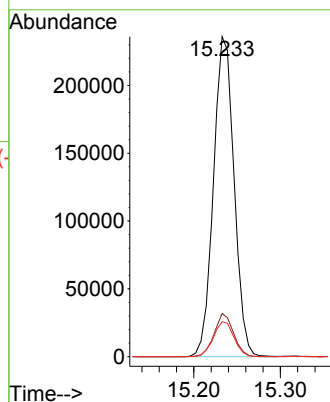
Tgt Ion:128 Resp: 390196

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.078 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015529.D

Acq: 14 Sep 2023 11:35

Tgt Ion:180 Resp: 138111

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 31.8 15.4 46.2

