

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015527.D
 Acq On : 12 Sep 2023 22:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	168343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67172	37.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.440%
35) Dibromofluoromethane	7.716	113	62164	38.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.980%
50) Toluene-d8	10.179	98	217146	37.129	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.260%
62) 4-Bromofluorobenzene	12.483	95	87361	40.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	71537	48.886	ug/l	98
3) Chloromethane	2.113	50	98330	50.597	ug/l	98
4) Vinyl Chloride	2.247	62	115610	51.109	ug/l	96
5) Bromomethane	2.637	94	93591	58.148	ug/l	98
6) Chloroethane	2.784	64	79925	53.755	ug/l	96
7) Trichlorofluoromethane	3.119	101	167517	52.354	ug/l	99
8) Diethyl Ether	3.527	74	62582	57.231	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	95800	54.019	ug/l	96
10) Methyl Iodide	4.088	142	100296	48.159	ug/l	97
11) Tert butyl alcohol	4.960	59	95620	239.205	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	90678	54.187	ug/l	94
13) Acrolein	3.728	56	81110	165.893	ug/l	100
14) Allyl chloride	4.478	41	146880	55.127	ug/l	96
15) Acrylonitrile	5.161	53	206689	300.383	ug/l	98
16) Acetone	3.948	43	167809	222.784	ug/l	92
17) Carbon Disulfide	4.192	76	243661	48.704	ug/l	97
18) Methyl Acetate	4.478	43	179371	65.746	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	320108	58.855	ug/l	99
20) Methylene Chloride	4.710	84	149630	64.667	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	105930	54.971	ug/l	97
22) Diisopropyl ether	6.124	45	338531	58.095	ug/l #	90
23) Vinyl Acetate	6.057	43	969338	263.465	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	193644	57.485	ug/l	97
25) 2-Butanone	6.984	43	301658	282.362	ug/l	95
26) 2,2-Dichloropropane	6.978	77	135462	47.346	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	126389	57.815	ug/l	93
28) Bromochloromethane	7.331	49	51858	50.201	ug/l	96
29) Tetrahydrofuran	7.350	42	199004	296.627	ug/l	93
30) Chloroform	7.508	83	204826	57.842	ug/l	98
31) Cyclohexane	7.783	56	158551	49.461	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	179455	56.736	ug/l	99
36) 1,1-Dichloropropene	7.917	75	148879	52.501	ug/l	98
37) Ethyl Acetate	7.075	43	121289	55.458	ug/l	95
38) Carbon Tetrachloride	7.898	117	159867	54.585	ug/l	99
39) Methylcyclohexane	9.185	83	178716	50.060	ug/l	93
40) Benzene	8.161	78	437109	55.249	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	176187	171.790	ug/l	# 29
42) 1,2-Dichloroethane	8.234	62	145440	55.129	ug/l	95
43) Isopropyl Acetate	8.270	43	217263	57.448	ug/l	98
44) Trichloroethene	8.941	130	126547	56.533	ug/l	97
45) 1,2-Dichloropropane	9.215	63	113523	56.920	ug/l	98
46) Dibromomethane	9.307	93	74366	56.133	ug/l	96
47) Bromodichloromethane	9.496	83	162839	57.476	ug/l	98
48) Methyl methacrylate	9.295	41	99462	57.321	ug/l	92
49) 1,4-Dioxane	9.295	88	29119	1183.313	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.069	43	659147	299.868	ug/l	94
52) Toluene	10.246	92	285083	56.220	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	164485	54.629	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	176471	53.878	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	106064	59.417	ug/l	94
56) Ethyl methacrylate	10.508	69	159415	60.264	ug/l	89
57) 1,3-Dichloropropane	10.788	76	176885	57.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	211815	224.332	ug/l	93
59) 2-Hexanone	10.831	43	488423	296.129	ug/l	91
60) Dibromochloromethane	10.983	129	124152	59.421	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104832	57.957	ug/l	99
64) Tetrachloroethene	10.721	164	148594	63.091	ug/l	97
65) Chlorobenzene	11.520	112	310625	55.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	118958	58.125	ug/l	99
67) Ethyl Benzene	11.593	91	559755	55.750	ug/l	99
68) m/p-Xylenes	11.703	106	429333	110.317	ug/l	95
69) o-Xylene	12.032	106	207934	55.906	ug/l	98
70) Styrene	12.044	104	356219	56.960	ug/l	97
71) Bromoform	12.209	173	87909	61.576	ug/l	# 97
73) Isopropylbenzene	12.331	105	548926	53.536	ug/l	100
74) N-amyl acetate	12.142	43	197740	57.403	ug/l	# 88
75) 1,1,2,2-Tetrachloroethane	12.581	83	132691	54.211	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	175391	96.890	ug/l	# 100
77) Bromobenzene	12.611	156	132516	54.568	ug/l	98
78) n-propylbenzene	12.672	91	655503	52.834	ug/l	99
79) 2-Chlorotoluene	12.757	91	371919	53.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	452186	52.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	39986	48.726	ug/l	98
82) 4-Chlorotoluene	12.855	91	385566	53.312	ug/l	100
83) tert-Butylbenzene	13.074	119	400035	53.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	452790	53.174	ug/l	98
85) sec-Butylbenzene	13.251	105	589221	52.590	ug/l	100
86) p-Isopropyltoluene	13.367	119	491967	52.391	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	256196	53.438	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	254870	52.591	ug/l	97
89) n-Butylbenzene	13.696	91	450371	50.957	ug/l	97
90) Hexachloroethane	13.958	117	91359	54.398	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	240162	54.891	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27658	57.122	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	146185	53.203	ug/l	99
94) Hexachlorobutadiene	15.111	225	71209	47.527	ug/l	99
95) Naphthalene	15.233	128	395773	58.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	133897	53.425	ug/l	99

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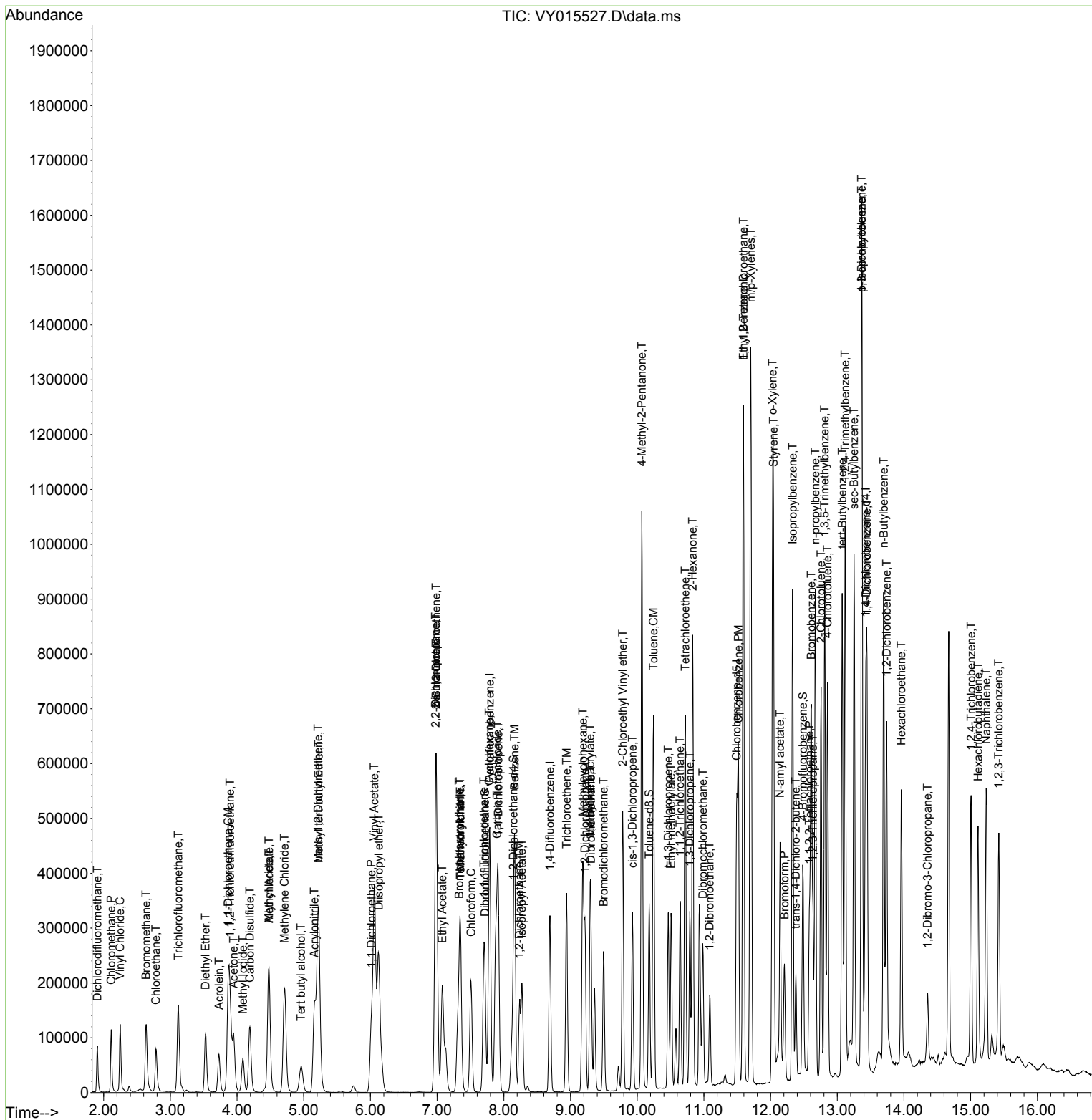
Instrument :
MSVOA_Y
ClientSampleId :

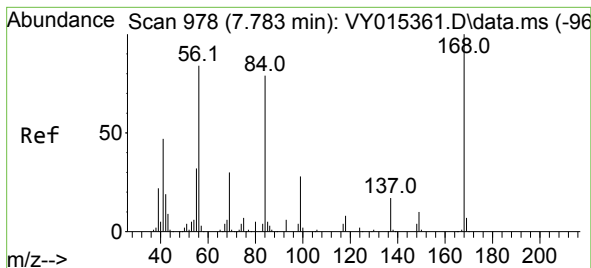
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

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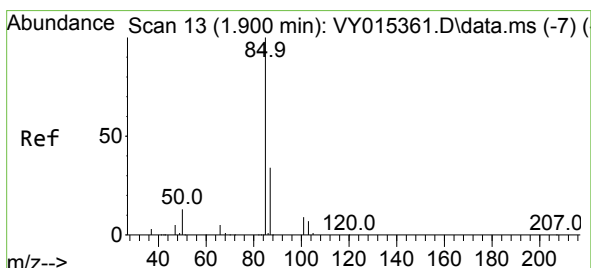
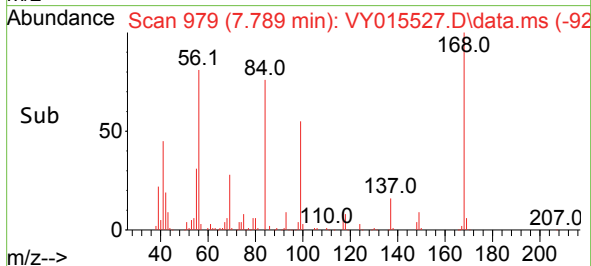
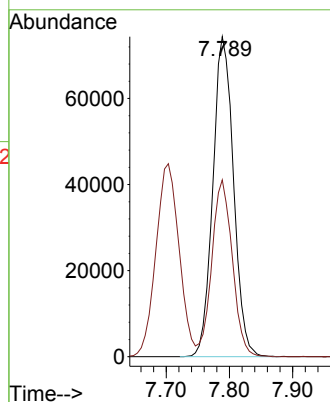
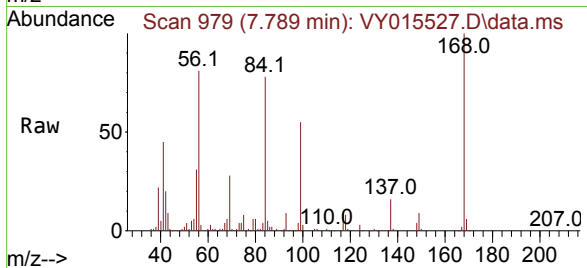
ClientSampleId :

Tgt Ion:168 Resp: 168343

Ion Ratio Lower Upper

168 100

99 55.3 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 48.886 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015527.D

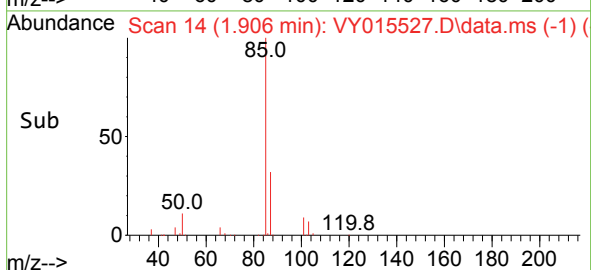
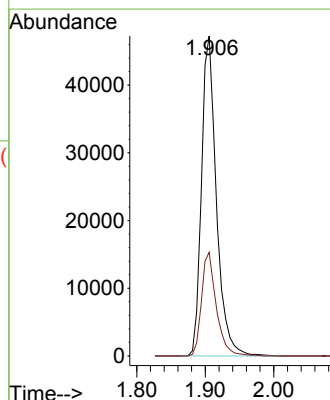
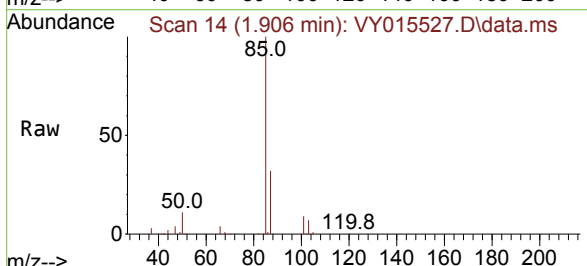
Acq: 12 Sep 2023 22:55

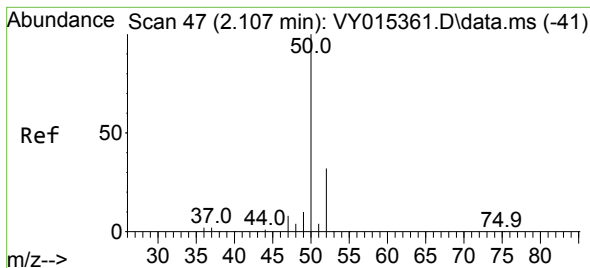
Tgt Ion: 85 Resp: 71537

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8





#3

Chloromethane

Concen: 50.597 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

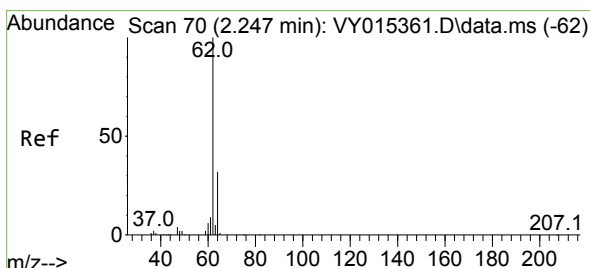
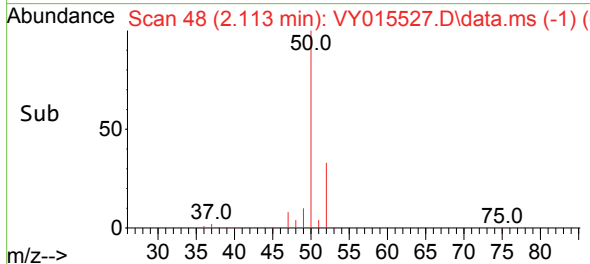
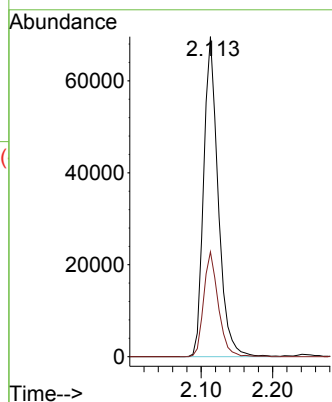
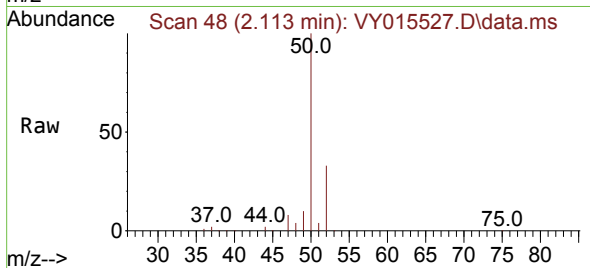
ClientSampleId :

Tgt Ion: 50 Resp: 98330

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 51.109 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015527.D

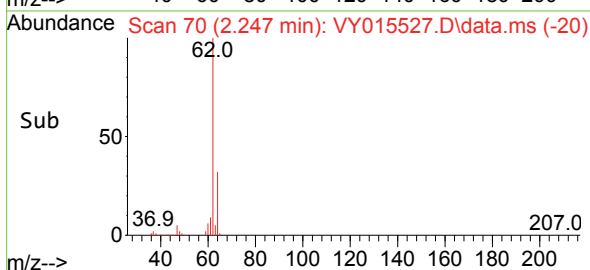
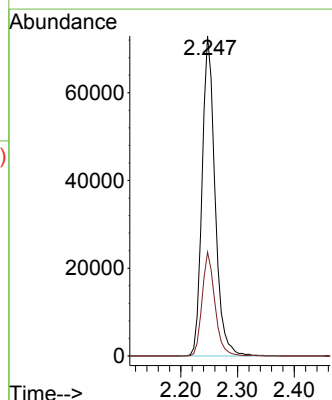
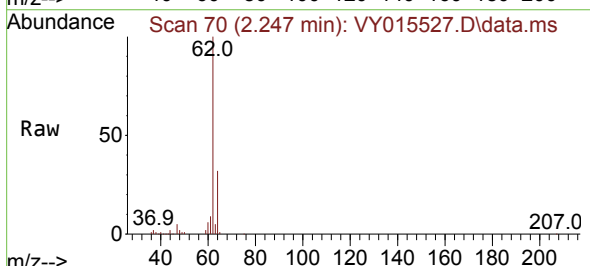
Acq: 12 Sep 2023 22:55

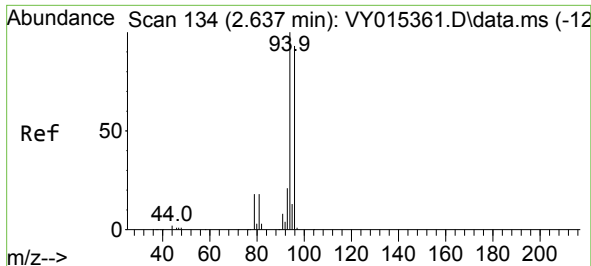
Tgt Ion: 62 Resp: 115610

Ion Ratio Lower Upper

62 100

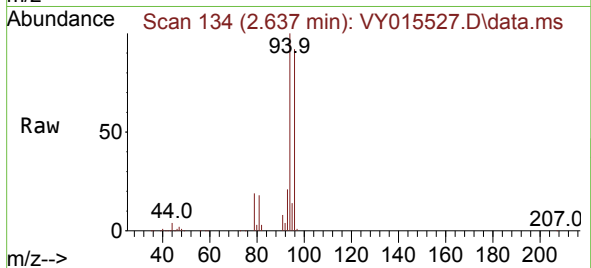
64 32.5 24.3 36.5



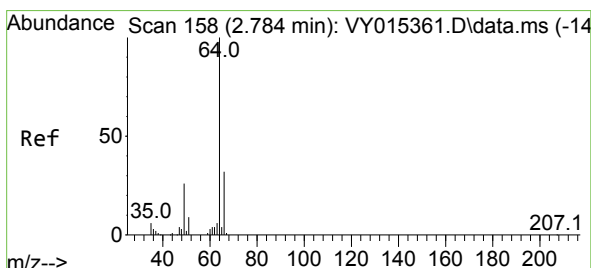
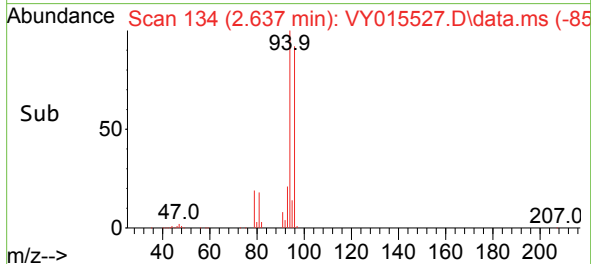
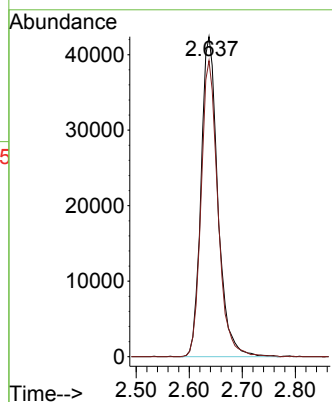


#5
Bromomethane
Concen: 58.148 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015527.D
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ClientSampleId :

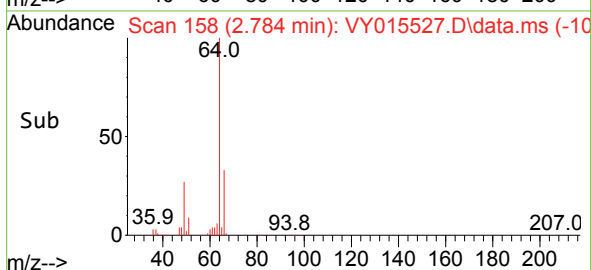
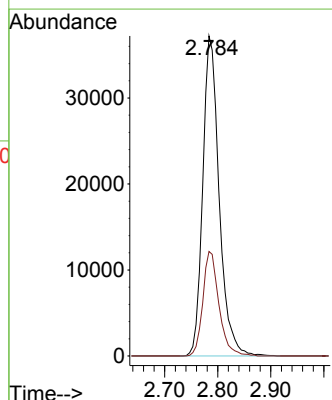
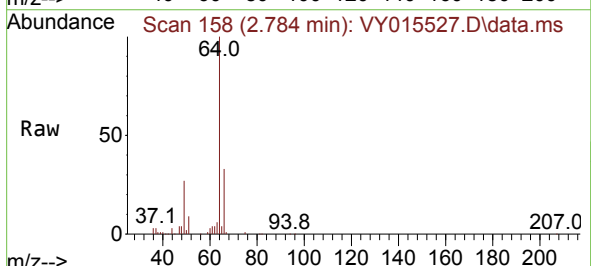


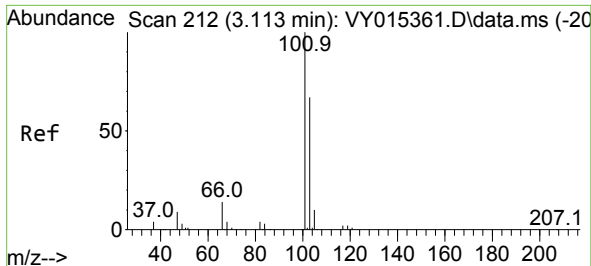
Tgt Ion: 94 Resp: 93591
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.6



#6
Chloroethane
Concen: 53.755 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

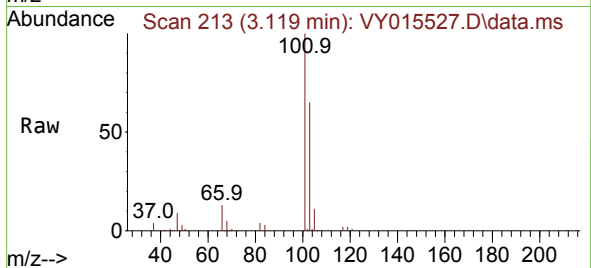
Tgt Ion: 64 Resp: 79925
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6



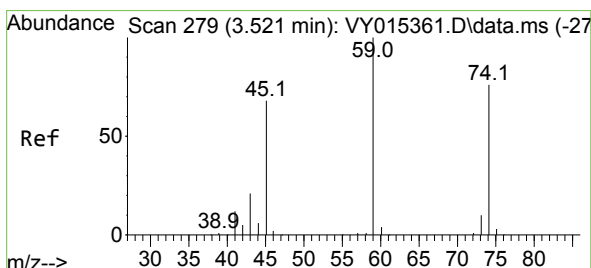
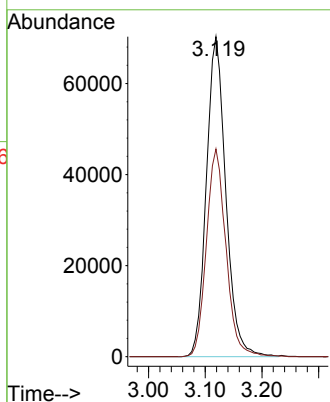
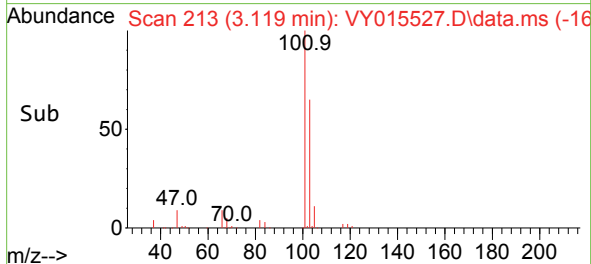


#7
Trichlorofluoromethane
Concen: 52.354 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015527.D
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Instrument :
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ClientSampleId :

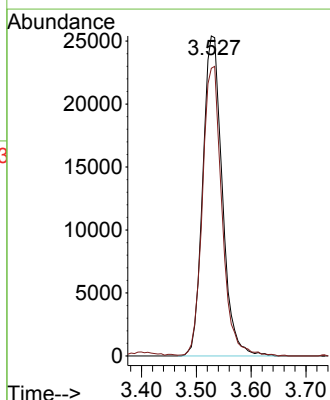
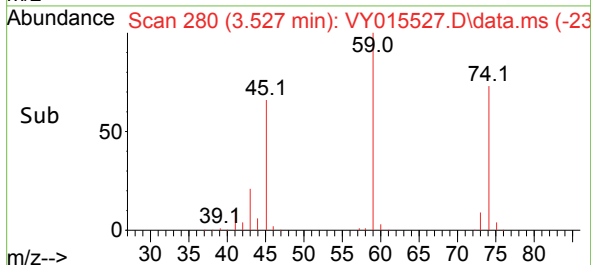
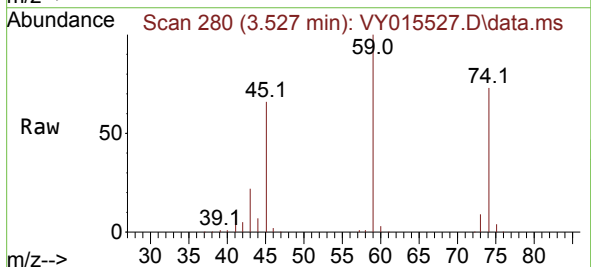


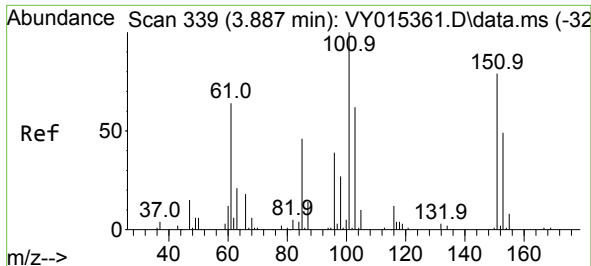
Tgt Ion:101 Resp: 167517
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 57.231 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 74 Resp: 62582
Ion Ratio Lower Upper
74 100
45 90.8 51.5 154.5

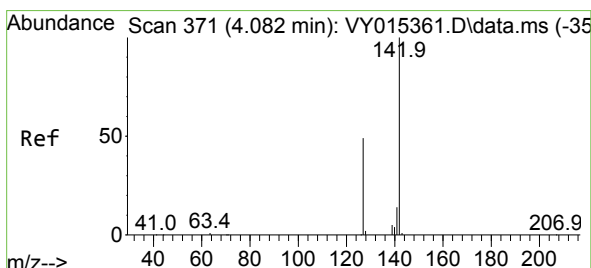
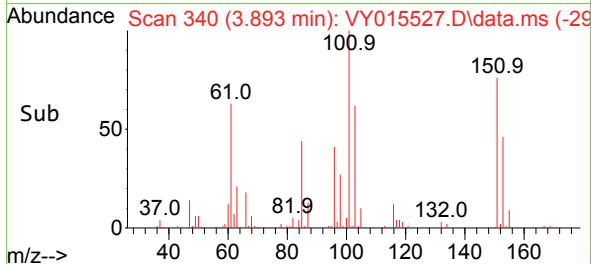
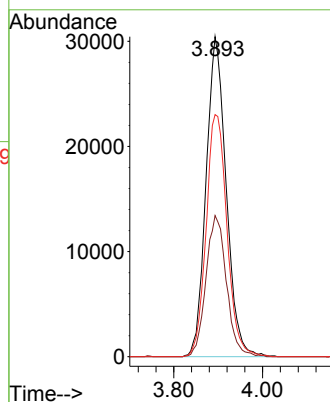
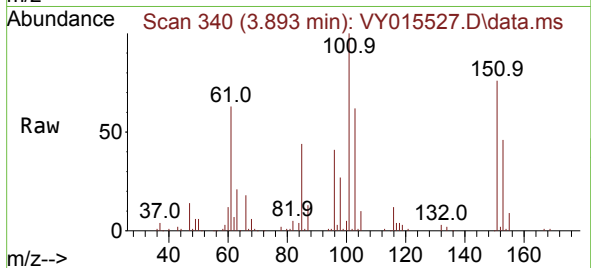




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.019 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

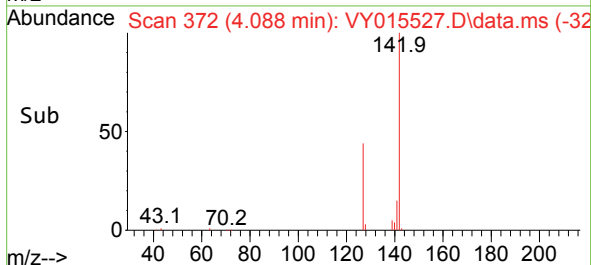
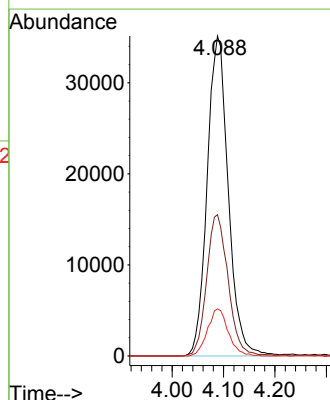
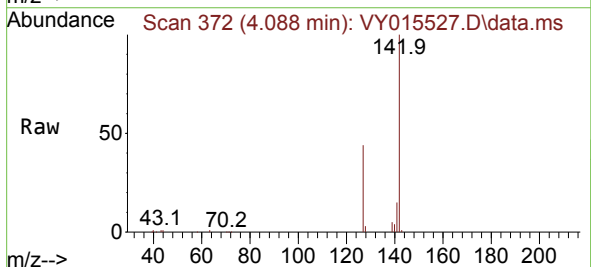
Instrument :
MSVOA_Y
ClientSampleId :

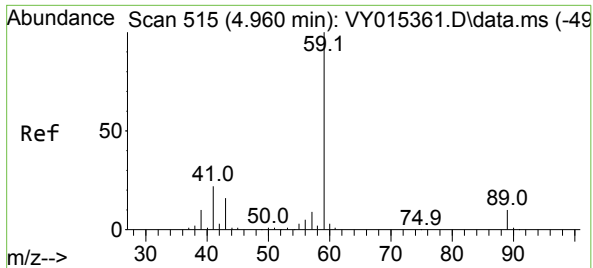
Tgt Ion:101 Resp: 95800
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 48.159 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion:142 Resp: 100296
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.5 11.8 17.8

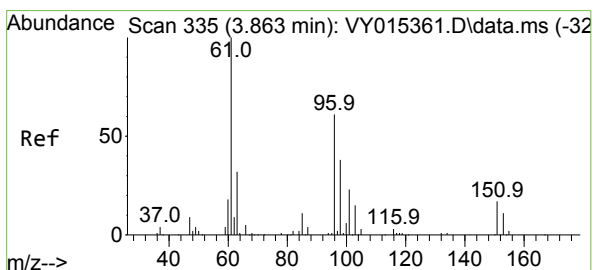
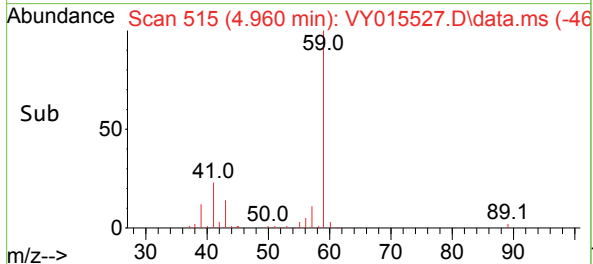
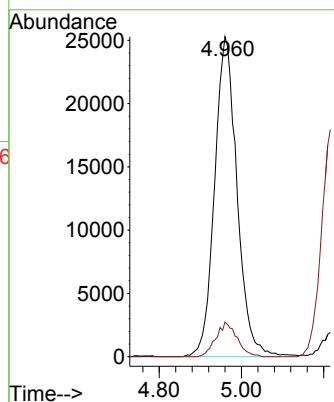
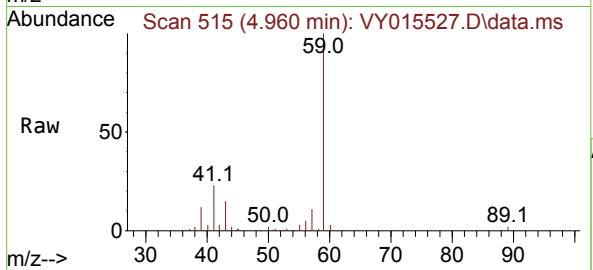




#11
Tert butyl alcohol
Concen: 239.205 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

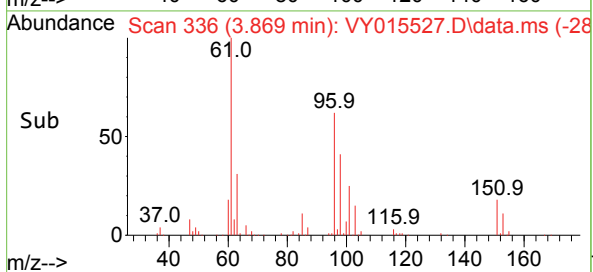
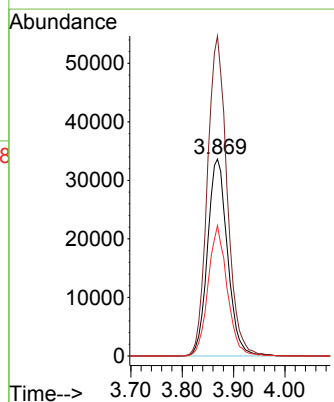
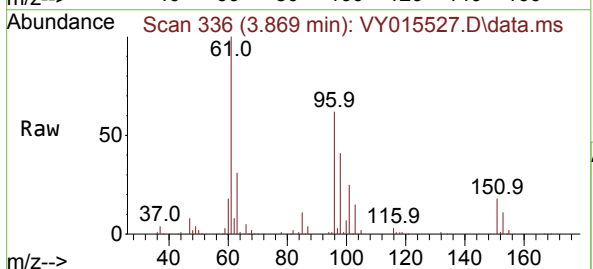
Instrument :
MSVOA_Y
ClientSampleId :

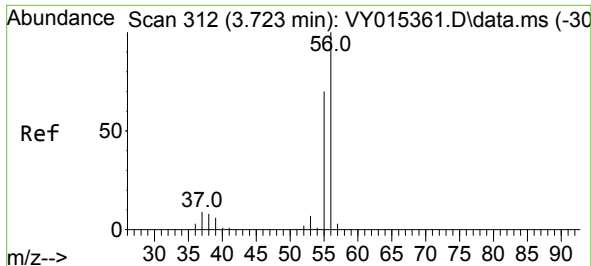
Tgt Ion: 59 Resp: 95620
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 54.187 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 96 Resp: 90678
Ion Ratio Lower Upper
96 100
61 162.4 136.4 204.6
98 66.1 49.4 74.2





#13

Acrolein

Concen: 165.893 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

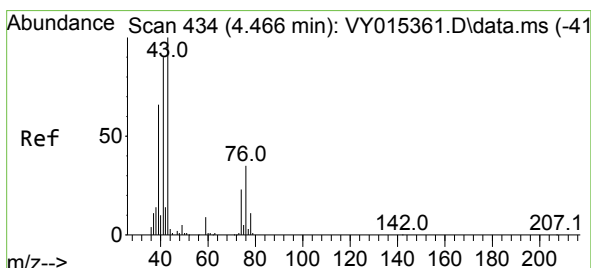
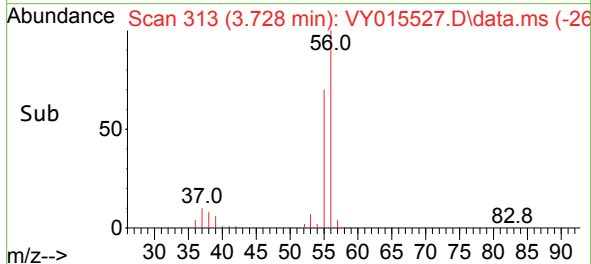
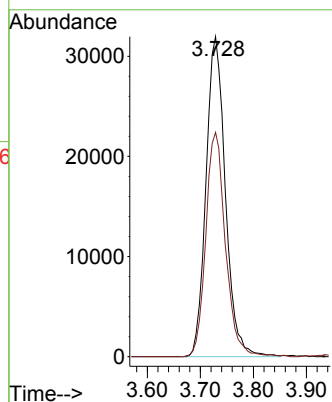
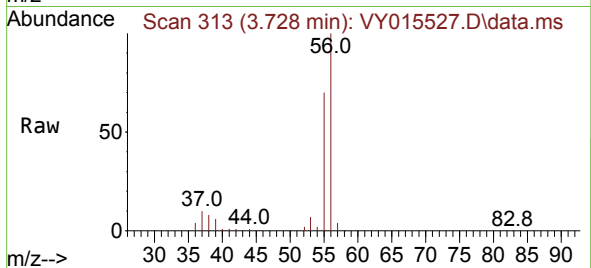
ClientSampleId :

Tgt Ion: 56 Resp: 81110

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 55.127 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

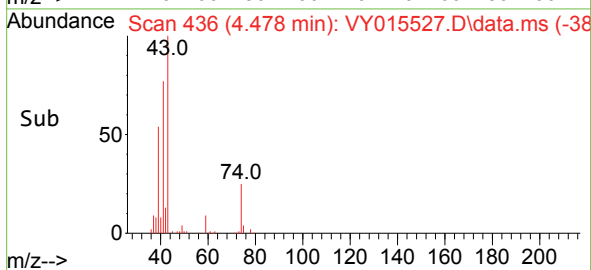
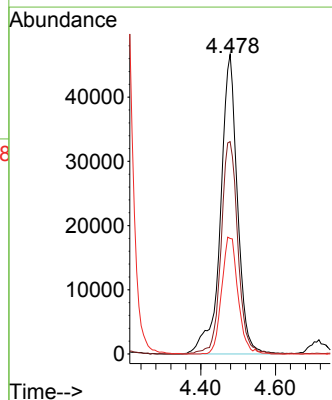
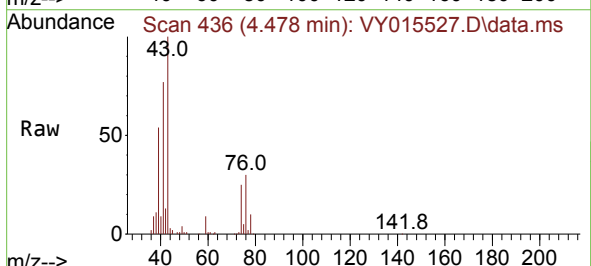
Tgt Ion: 41 Resp: 146880

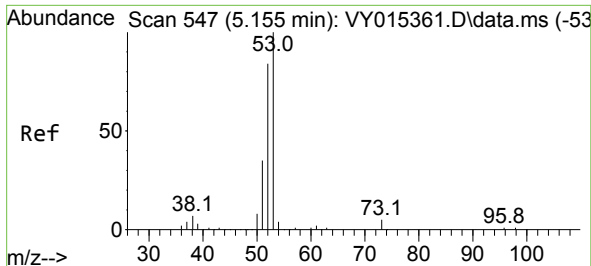
Ion Ratio Lower Upper

41 100

39 70.2 58.0 87.0

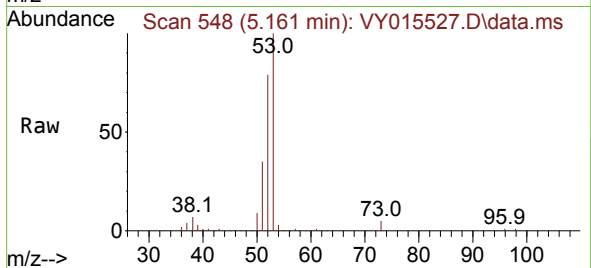
76 37.6 27.4 41.2



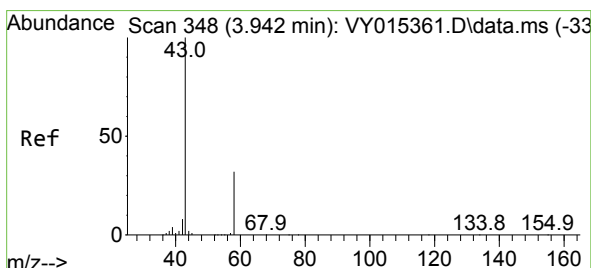
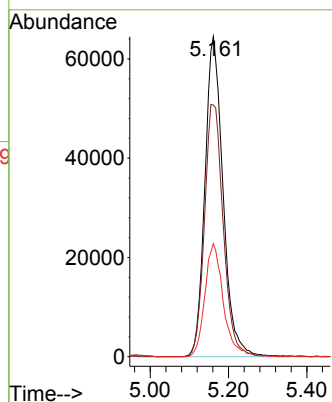


#15
Acrylonitrile
Concen: 300.383 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Instrument :
MSVOA_Y
ClientSampleId :

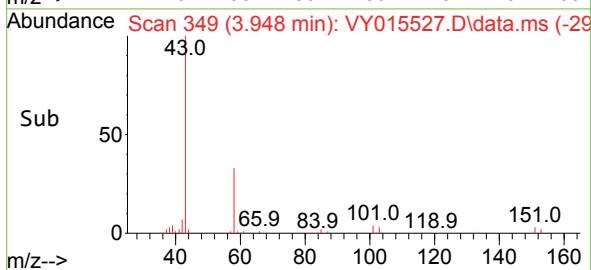
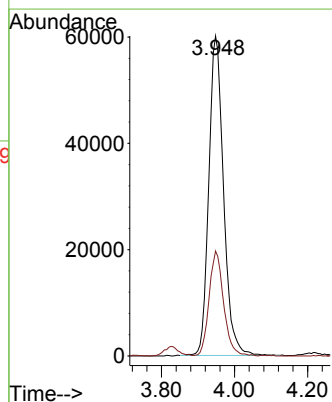
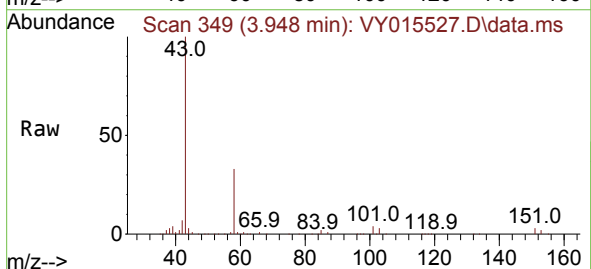


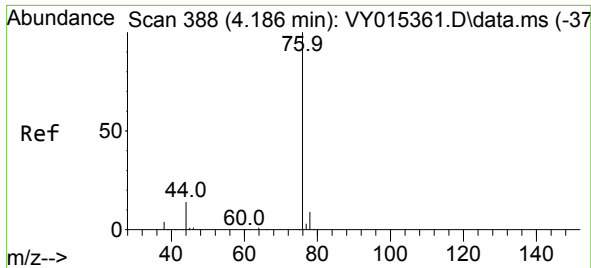
Tgt Ion: 53 Resp: 206689
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 222.784 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 43 Resp: 167809
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

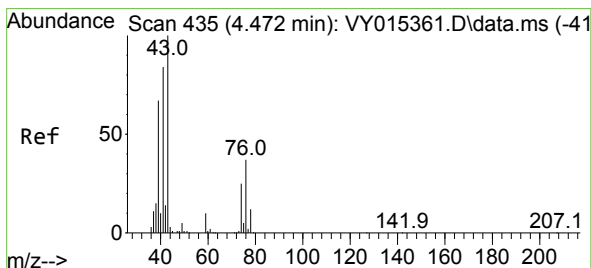
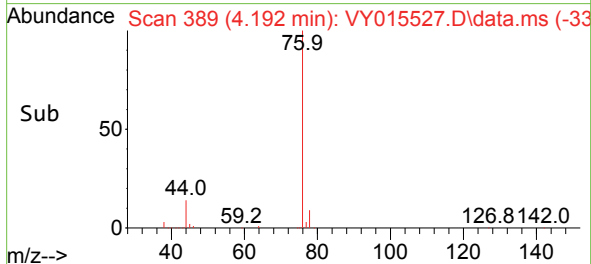
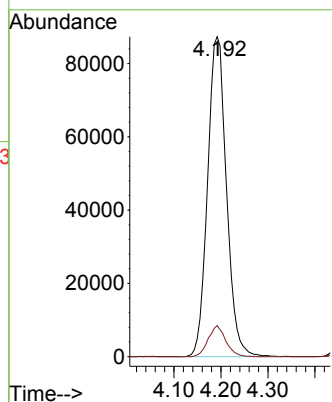
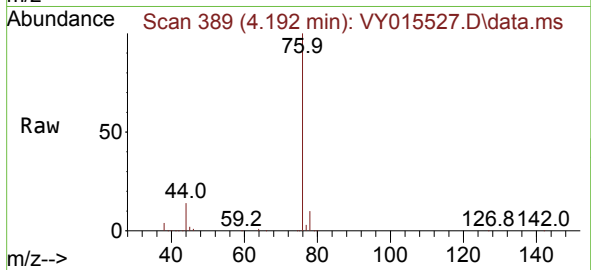




#17
Carbon Disulfide
Concen: 48.704 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

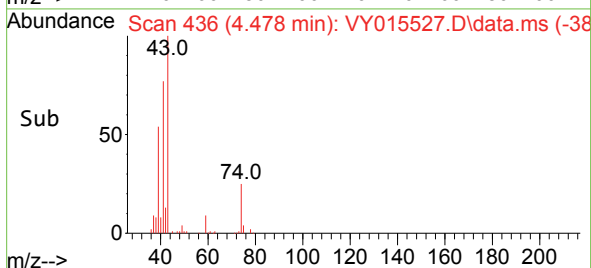
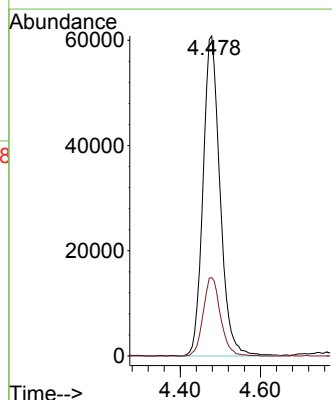
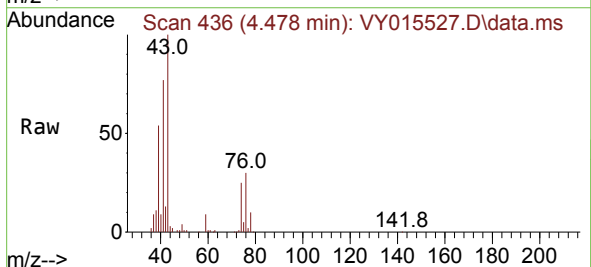
Instrument :
MSVOA_Y
ClientSampleId :

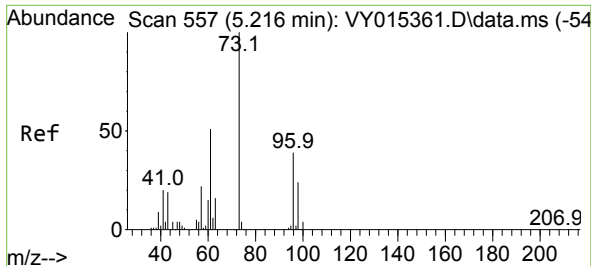
Tgt Ion: 76 Resp: 243661
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 65.746 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 43 Resp: 179371
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

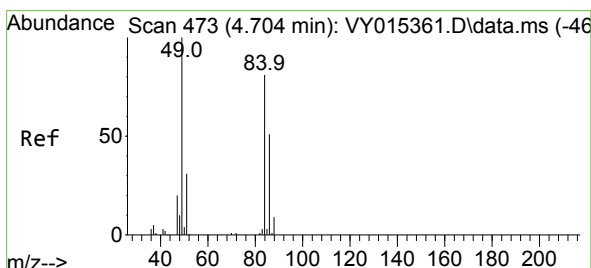
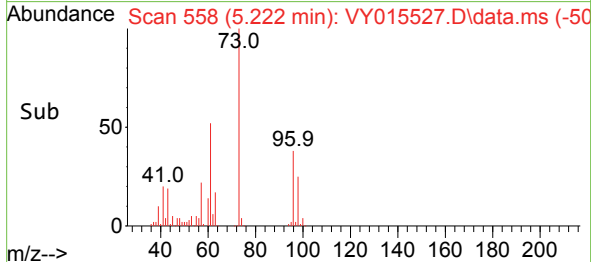
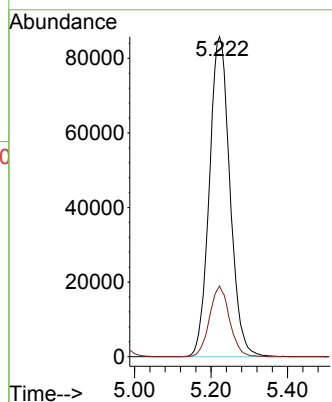
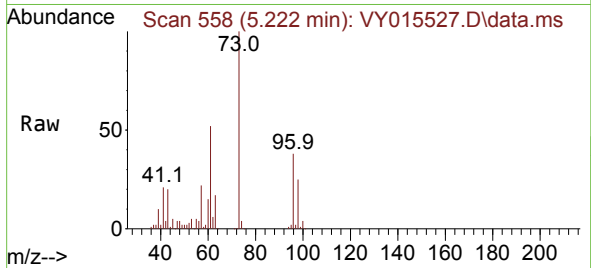




#19
Methyl tert-butyl Ether
Concen: 58.855 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

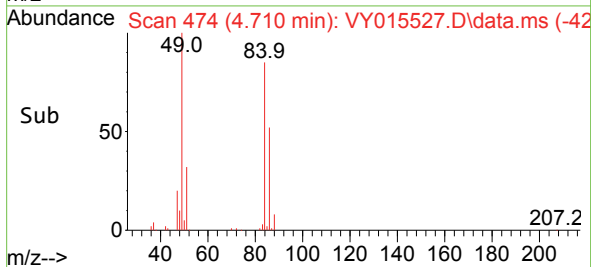
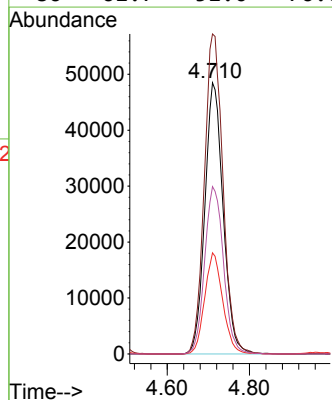
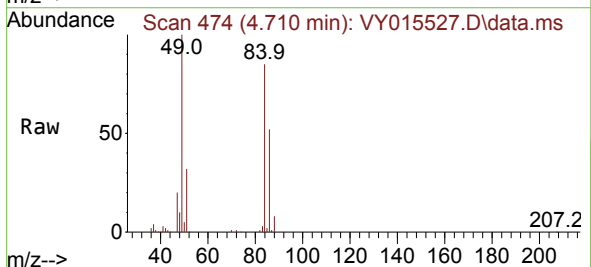
Instrument :
MSVOA_Y
ClientSampleId :

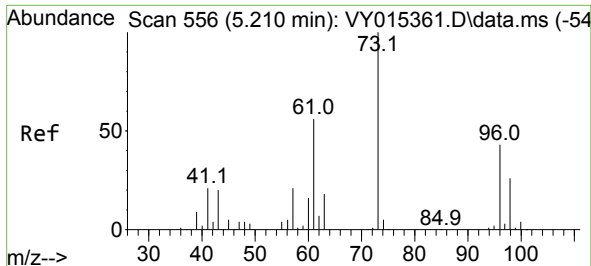
Tgt Ion: 73 Resp: 320108
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 64.667 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 84 Resp: 149630
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 37.3 33.2 49.8
86 61.7 51.0 76.6

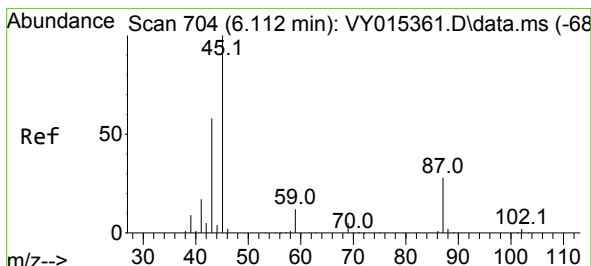
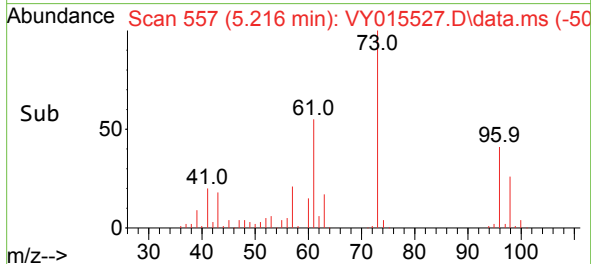
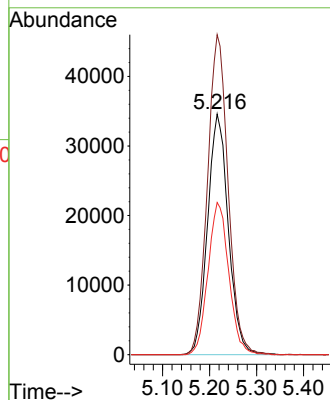
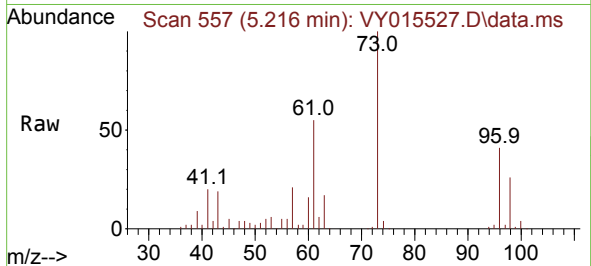




#21
trans-1,2-Dichloroethene
Concen: 54.971 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

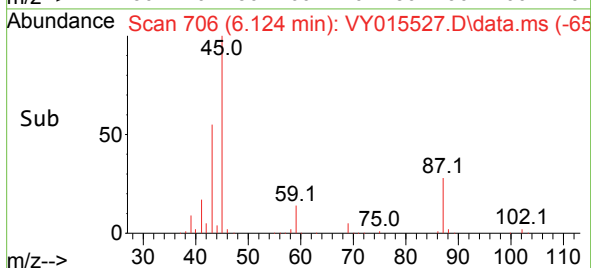
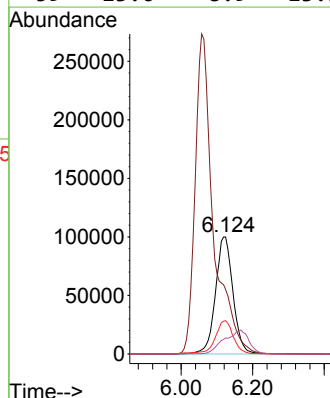
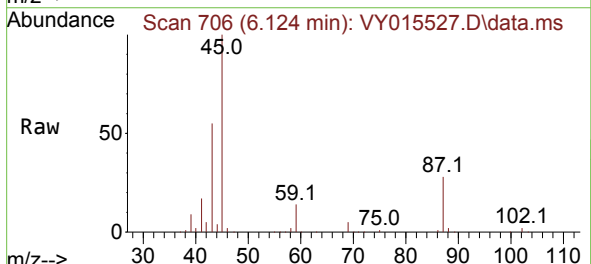
Instrument :
MSVOA_Y
ClientSampleId :

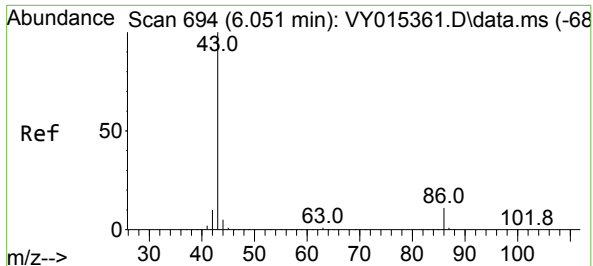
Tgt Ion: 96 Resp: 105930
Ion Ratio Lower Upper
96 100
61 133.0 110.2 165.4
98 63.2 51.8 77.6



#22
Diisopropyl ether
Concen: 58.095 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 45 Resp: 338531
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 28.4 21.0 31.6
59 13.6 8.9 13.3#

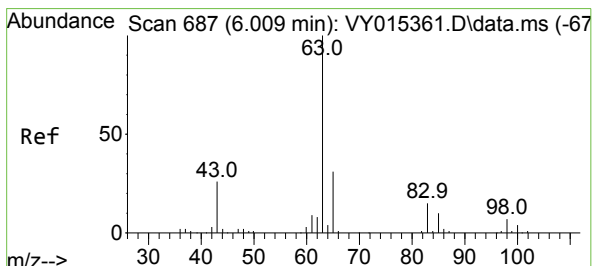
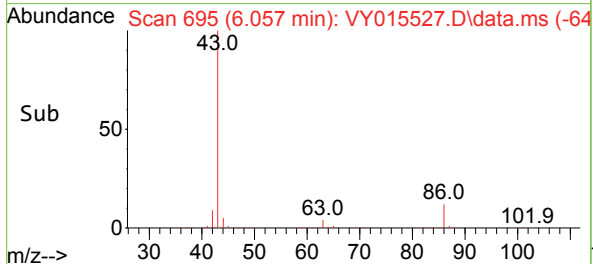
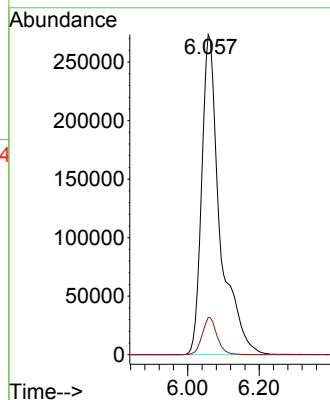
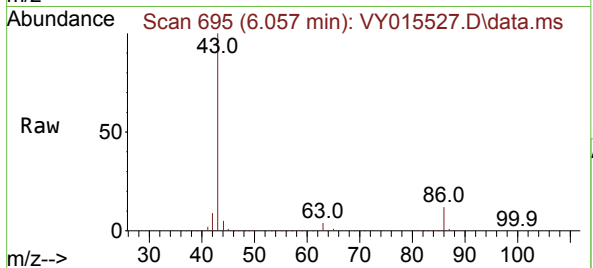




#23
 Vinyl Acetate
 Concen: 263.465 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

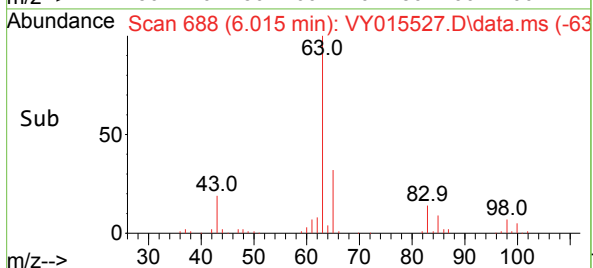
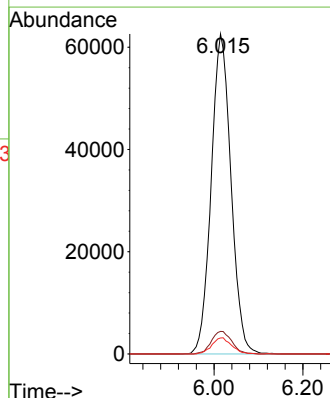
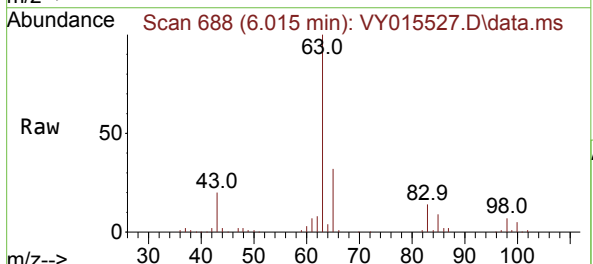
Instrument :
 MSVOA_Y
 ClientSampleId :

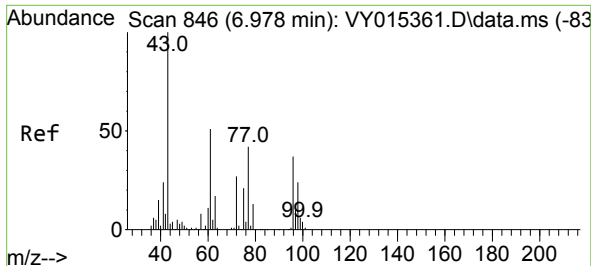
Tgt Ion: 43 Resp: 969338
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 57.485 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

Tgt Ion: 63 Resp: 193644
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 5.0 1.8 5.5

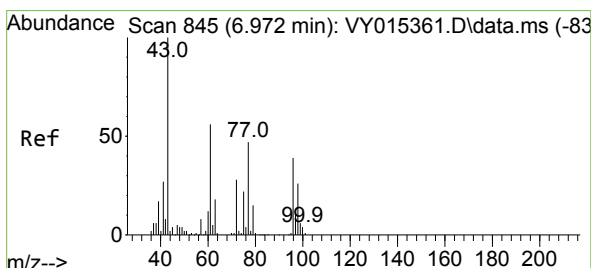
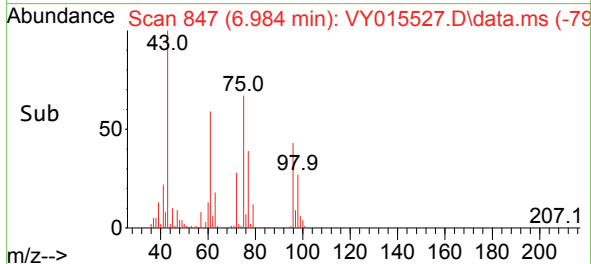
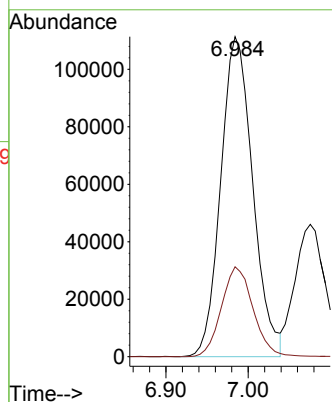
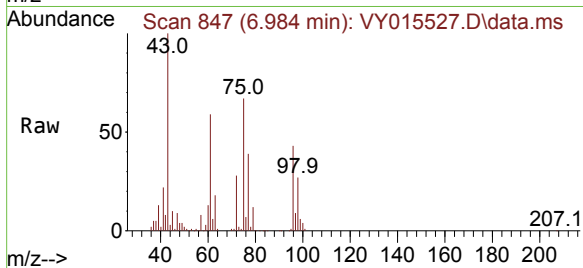




#25
2-Butanone
Concen: 282.362 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

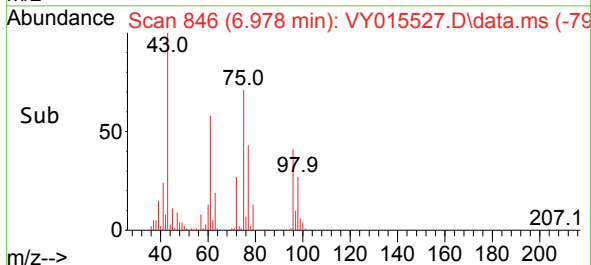
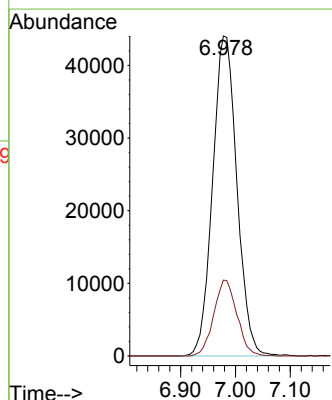
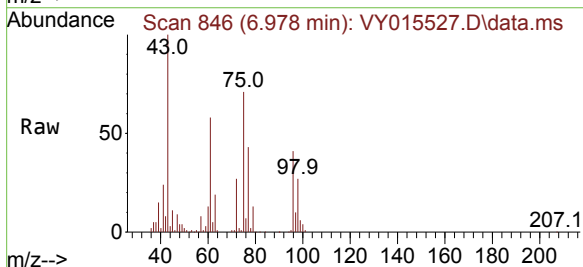
Instrument :
MSVOA_Y
ClientSampleId :

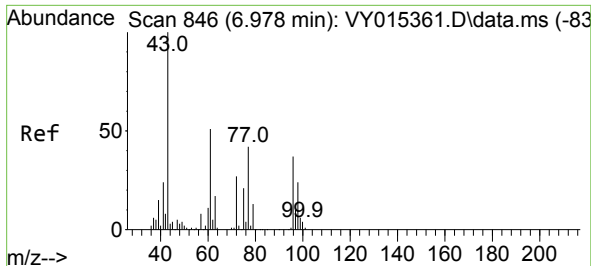
Tgt Ion: 43 Resp: 301658
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.346 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

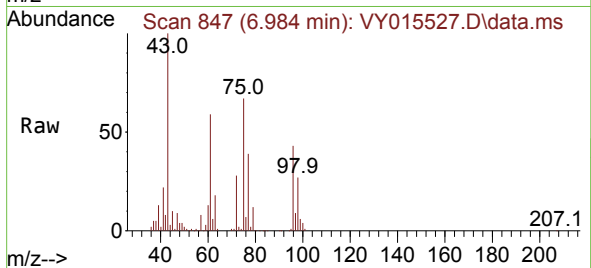
Tgt Ion: 77 Resp: 135462
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9



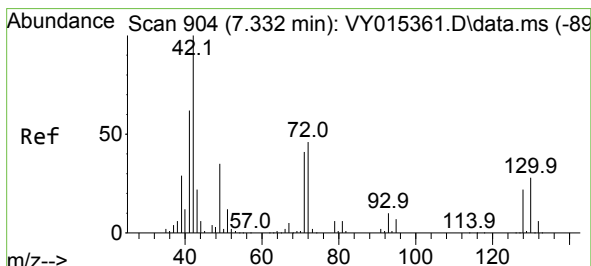
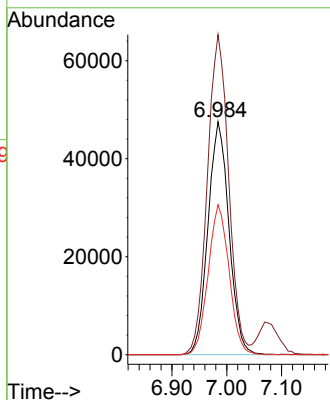
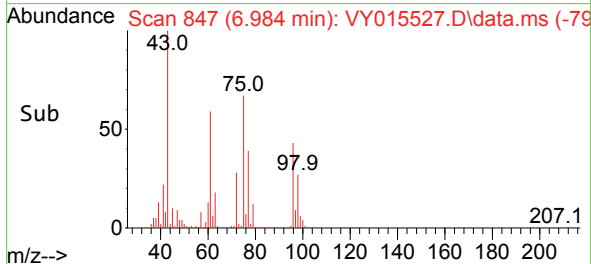


#27
 cis-1,2-Dichloroethene
 Concen: 57.815 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

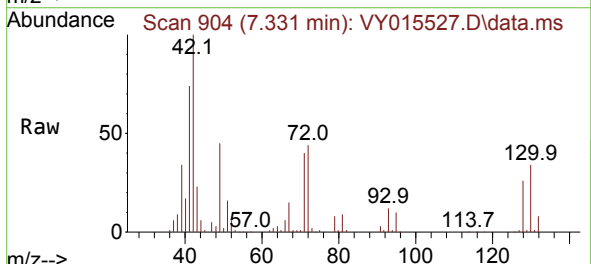
Instrument :
 MSVOA_Y
 ClientSampleId :



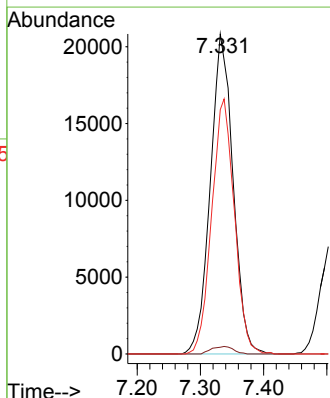
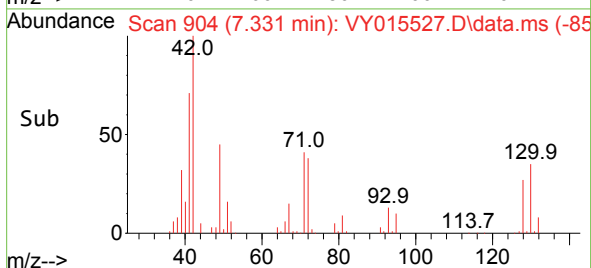
Tgt Ion: 96 Resp: 126389
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 301.4
 98 64.3 0.0 130.4

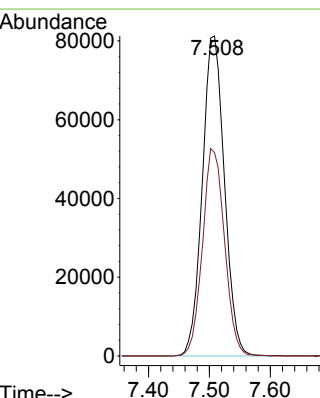
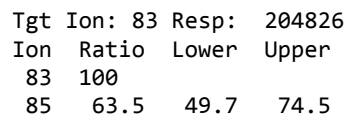
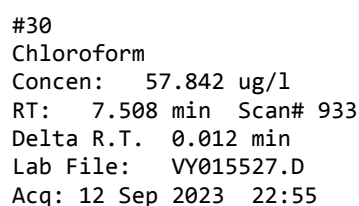
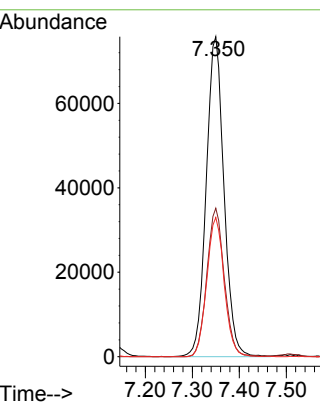
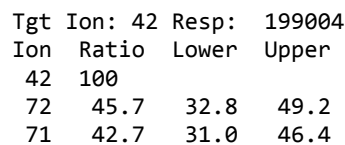
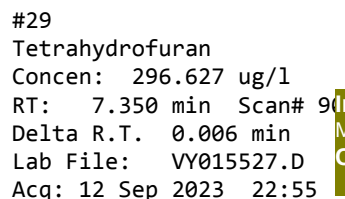


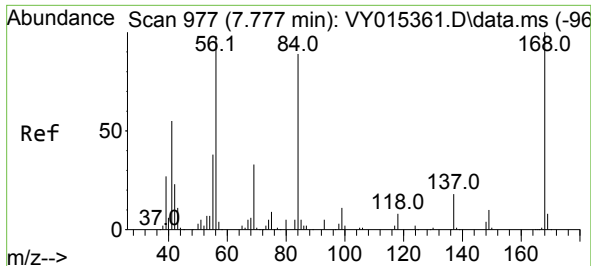
#28
 Bromochloromethane
 Concen: 50.201 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55



Tgt Ion: 49 Resp: 51858
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 79.4 60.7 91.1

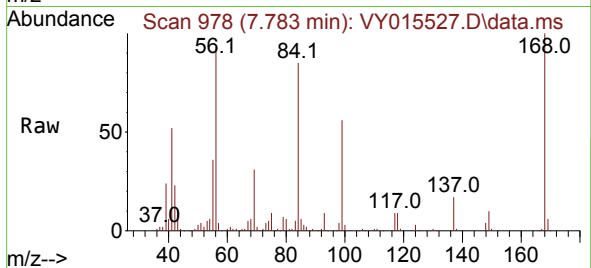




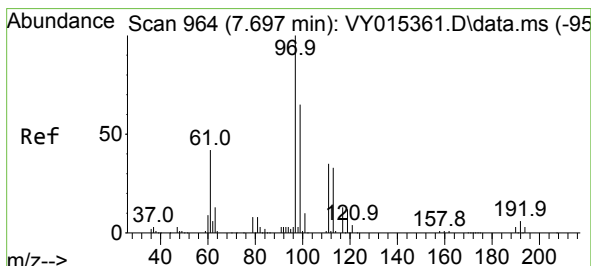
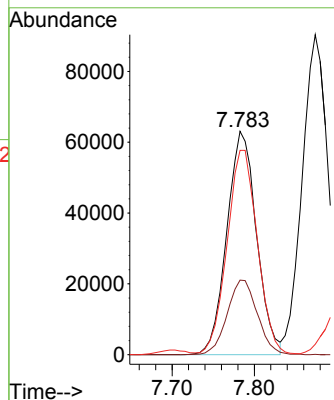
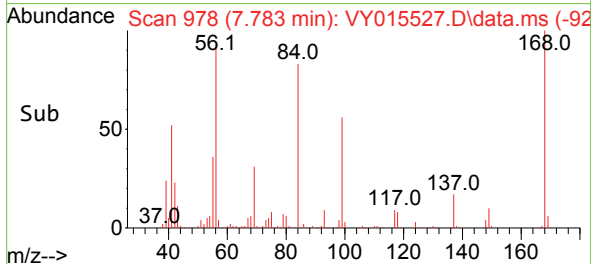


#31
Cyclohexane
Concen: 49.461 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

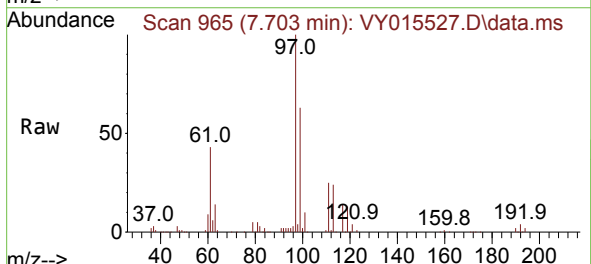
Instrument :
MSVOA_Y
ClientSampleId :



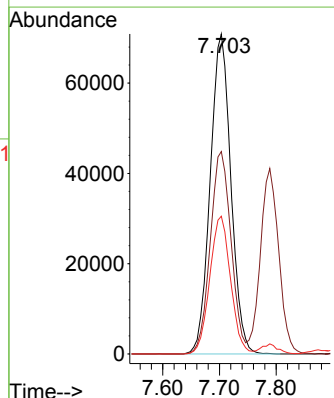
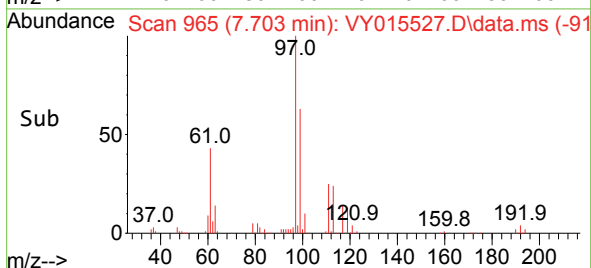
Tgt Ion: 56 Resp: 158551
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.6
84 89.8 66.4 99.6

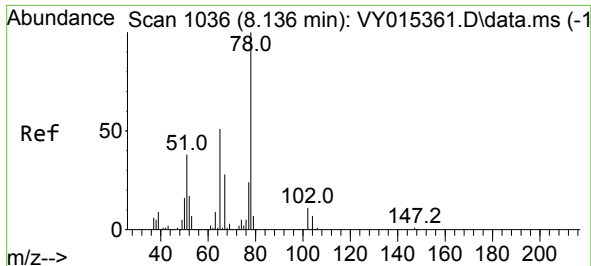


#32
1,1,1-Trichloroethane
Concen: 56.736 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55



Tgt Ion: 97 Resp: 179455
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 37.222 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

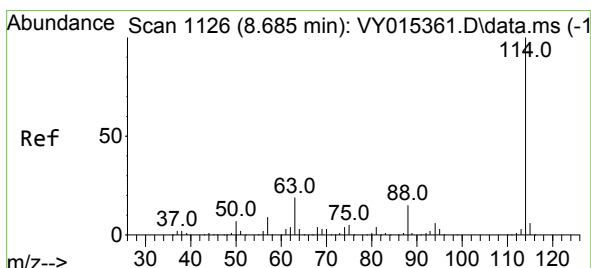
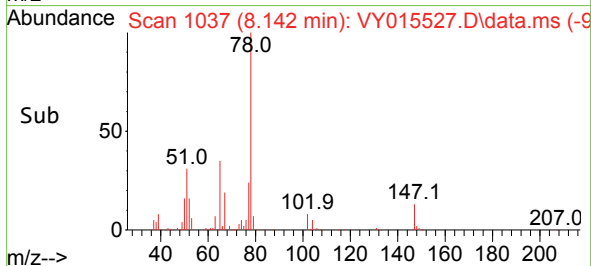
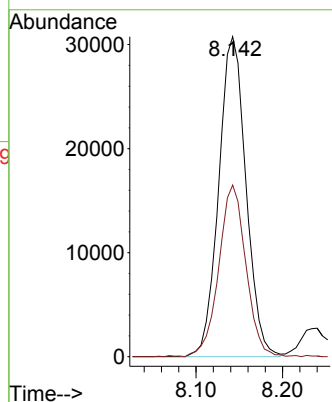
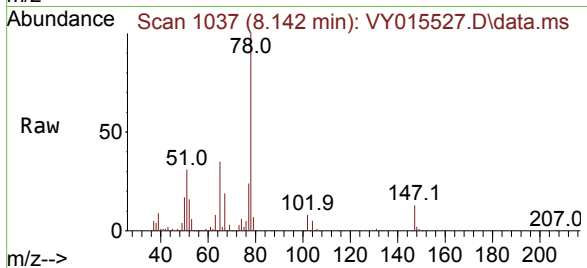
ClientSampleId :

Tgt Ion: 65 Resp: 67172

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

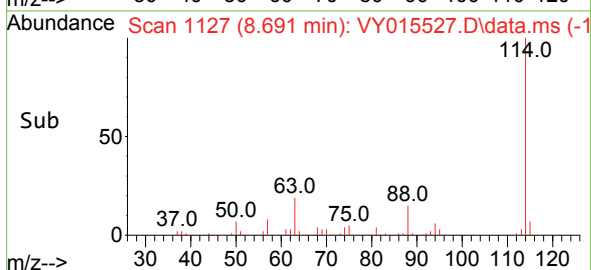
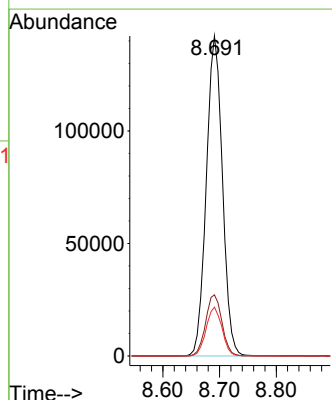
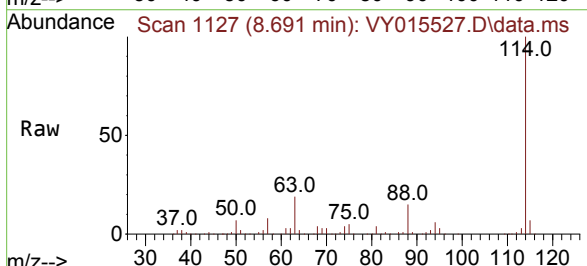
Tgt Ion: 114 Resp: 280389

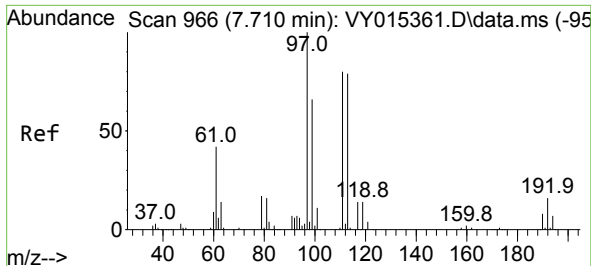
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.2 0.0 30.6

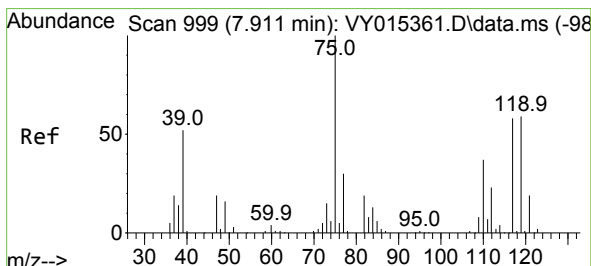
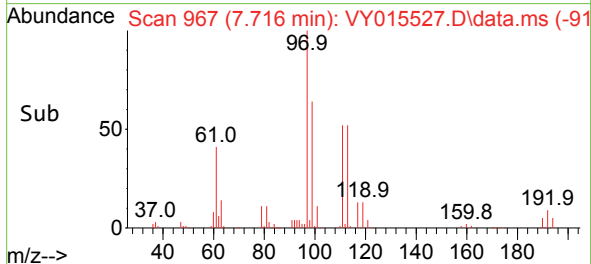
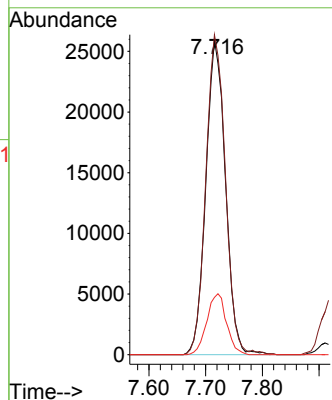
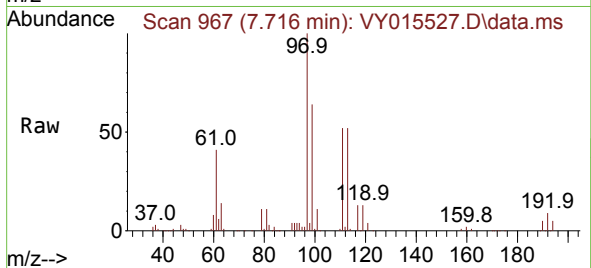




#35
Dibromofluoromethane
Concen: 38.492 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

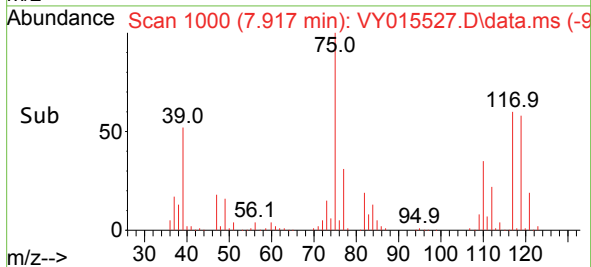
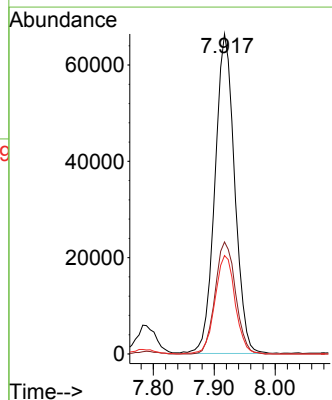
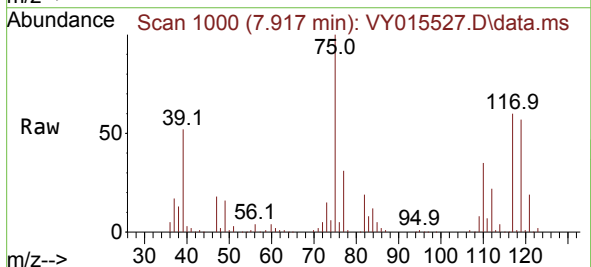
Instrument :
MSVOA_Y
ClientSampleId :

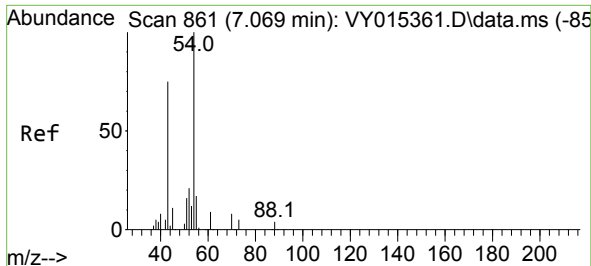
Tgt Ion:113 Resp: 62164
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.501 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 75 Resp: 148879
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 55.458 ug/l

RT: 7.075 min Scan# 80

Delta R.T. 0.012 min

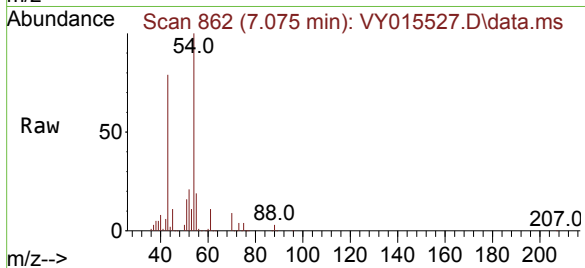
Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :



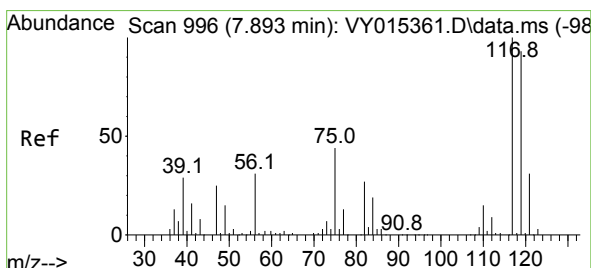
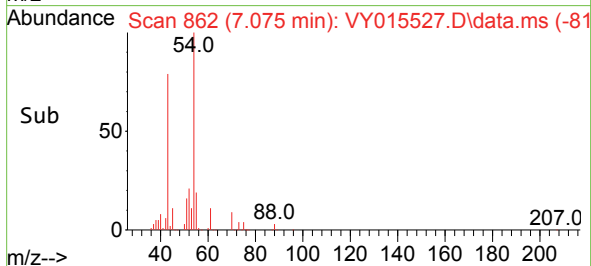
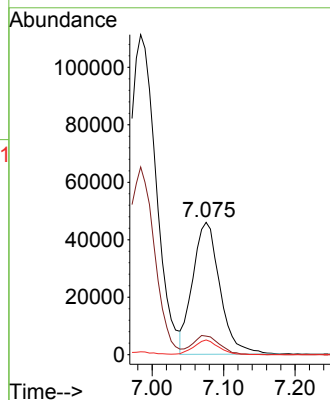
Tgt Ion: 43 Resp: 121289

Ion Ratio Lower Upper

43 100

61 14.7 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 54.585 ug/l

RT: 7.898 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

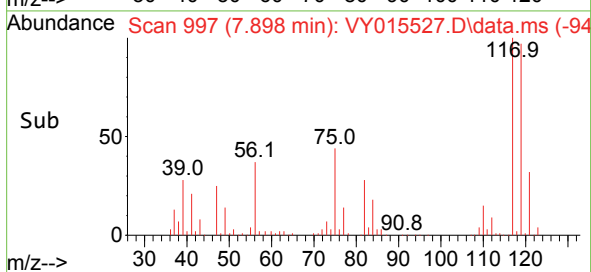
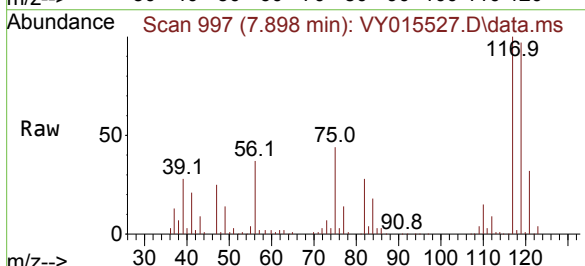
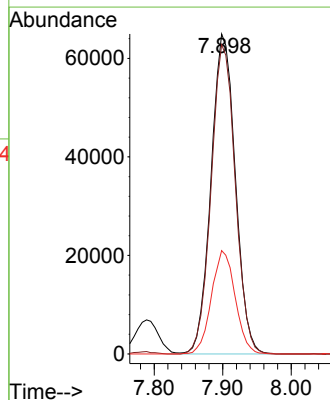
Tgt Ion: 117 Resp: 159867

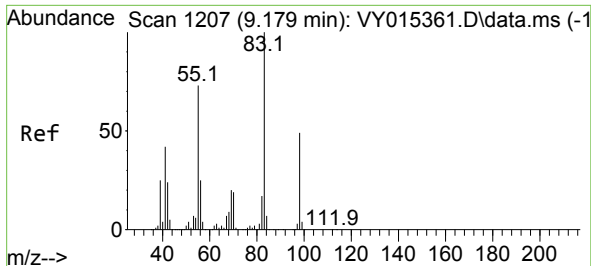
Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6

121 32.3 25.8 38.6





#39

Methylcyclohexane

Concen: 50.060 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

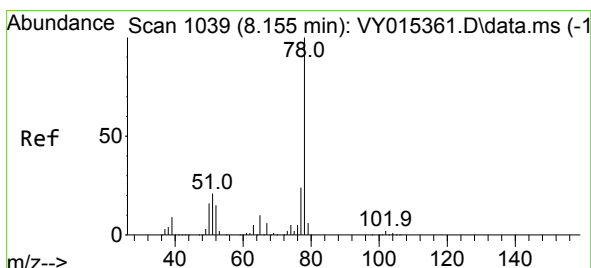
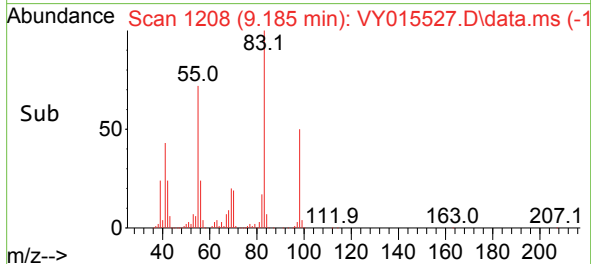
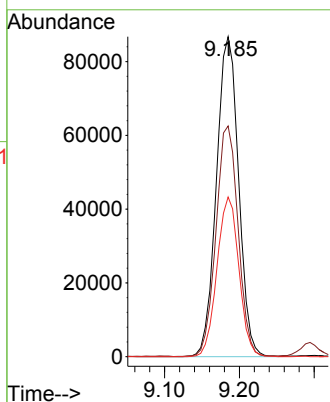
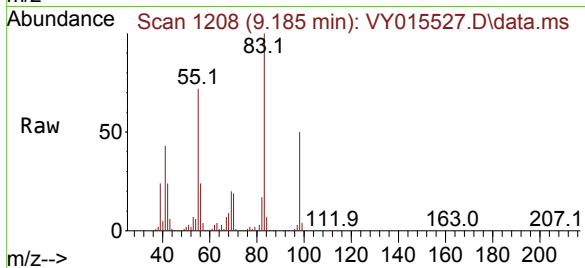
Tgt Ion: 83 Resp: 178716

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 49.9 37.4 56.2



#40

Benzene

Concen: 55.249 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015527.D

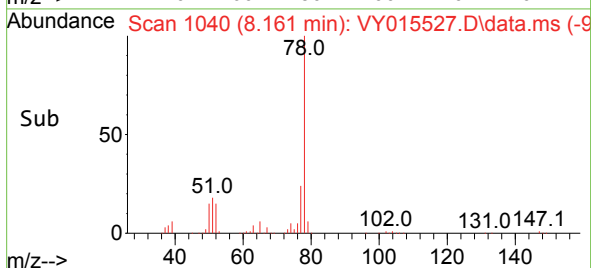
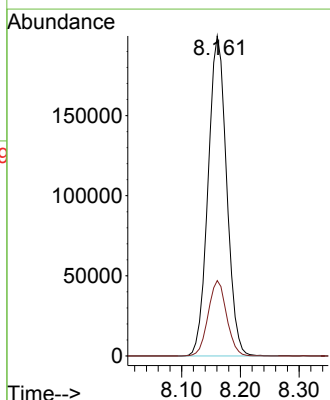
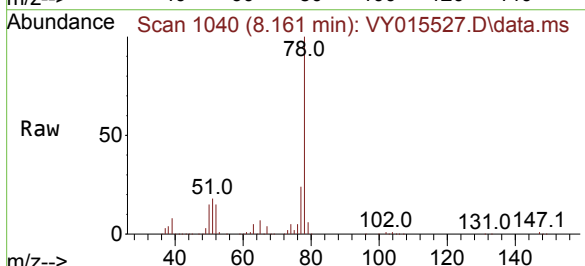
Acq: 12 Sep 2023 22:55

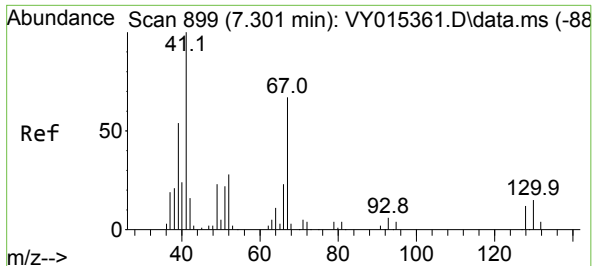
Tgt Ion: 78 Resp: 437109

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

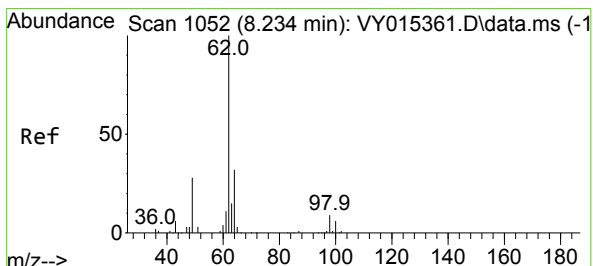
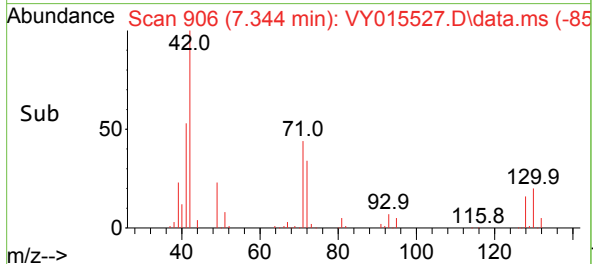
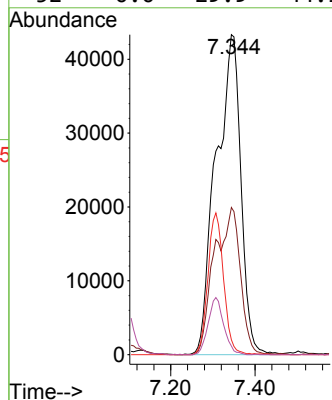
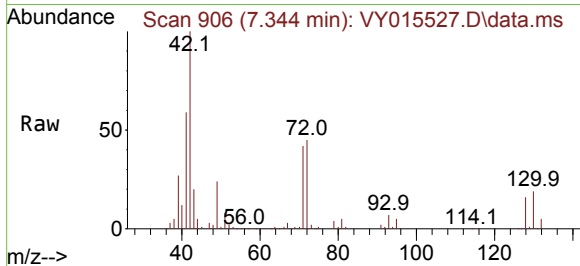




#41
Methacrylonitrile
Concen: 171.790 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.030 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

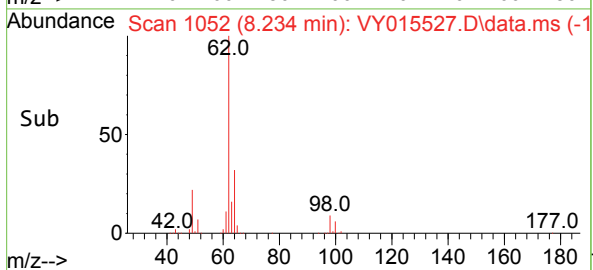
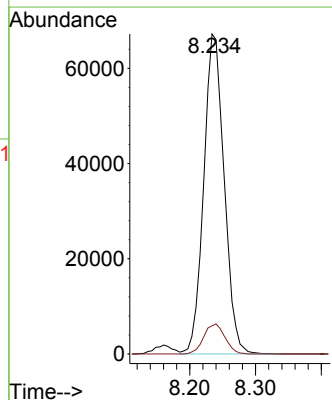
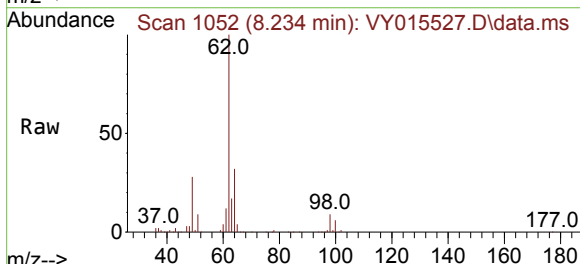
Instrument :
MSVOA_Y
ClientSampleId :

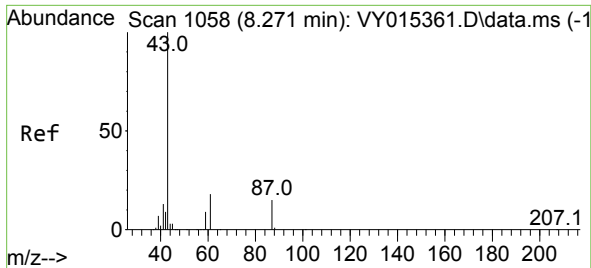
Tgt Ion: 41 Resp: 176187
Ion Ratio Lower Upper
41 100
39 26.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 55.129 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

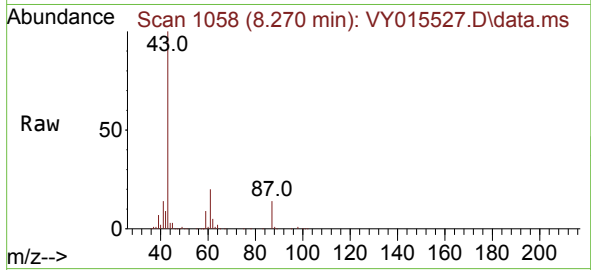
Tgt Ion: 62 Resp: 145440
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



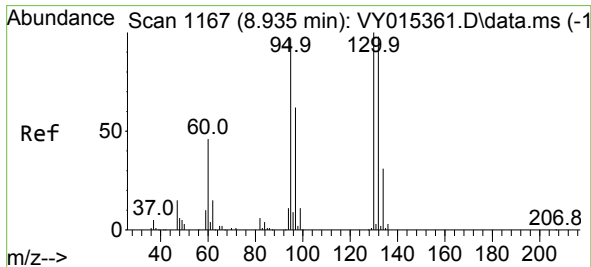
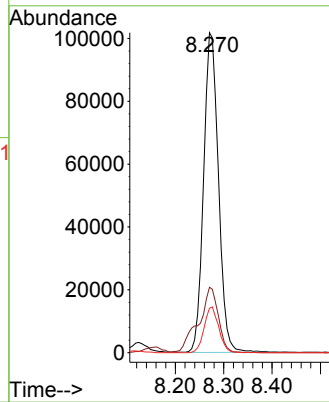
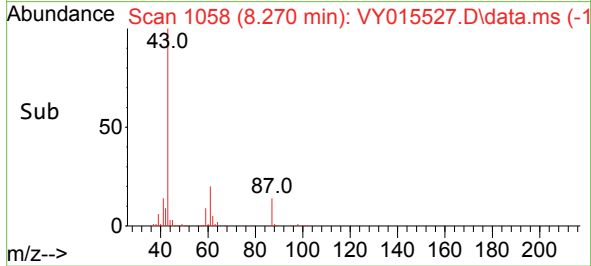


#43
Isopropyl Acetate
Concen: 57.448 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Instrument :
MSVOA_Y
ClientSampleId :

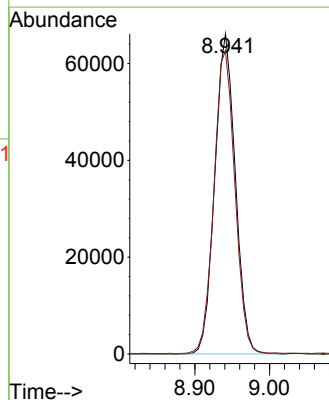
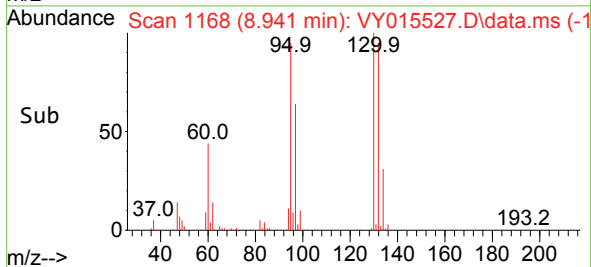
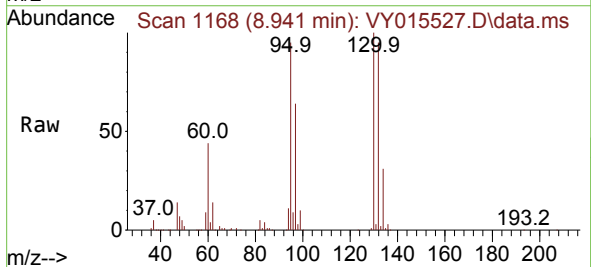


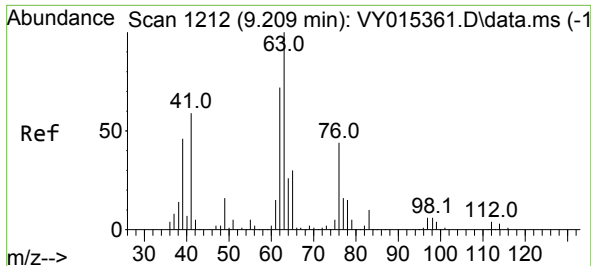
Tgt Ion: 43 Resp: 217263
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 56.533 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion:130 Resp: 126547
Ion Ratio Lower Upper
130 100
95 94.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 56.920 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

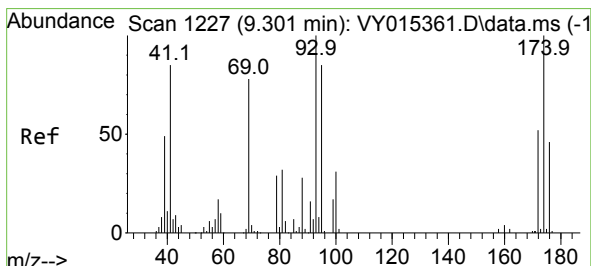
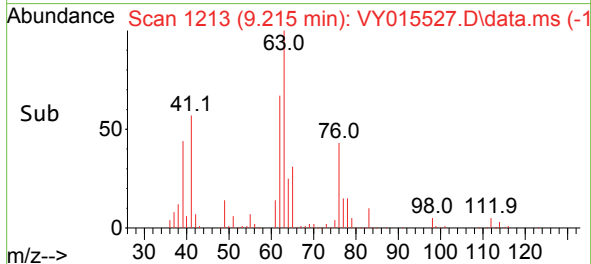
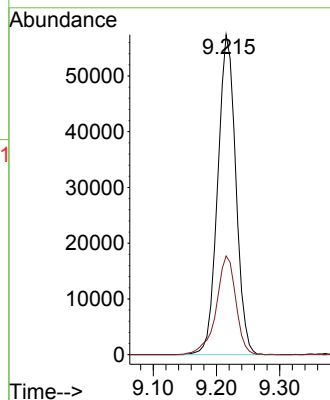
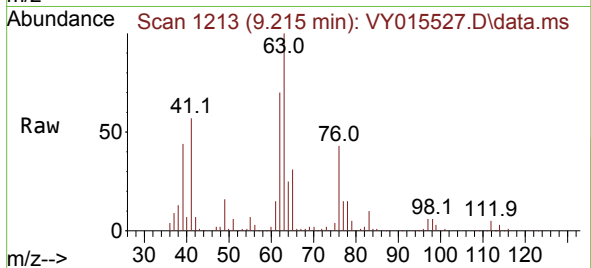
ClientSampleId :

Tgt Ion: 63 Resp: 113523

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 56.133 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

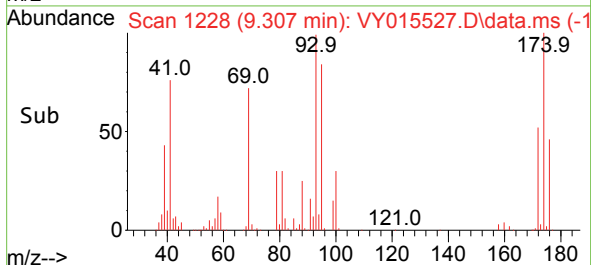
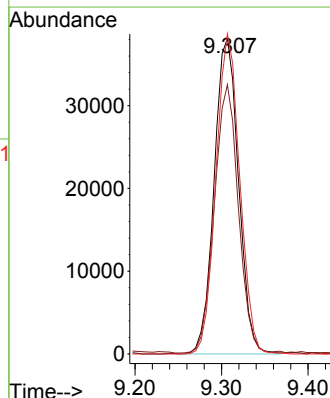
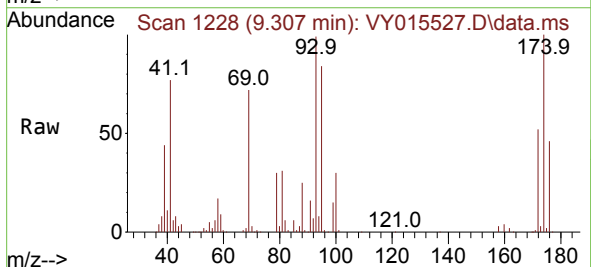
Tgt Ion: 93 Resp: 74366

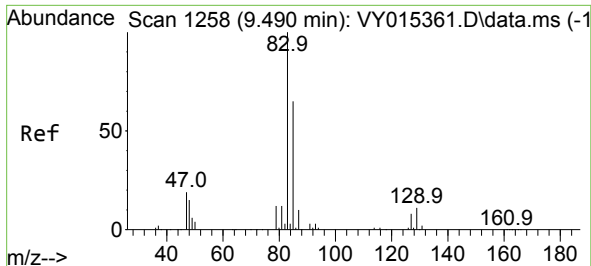
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 99.2 84.8 127.2

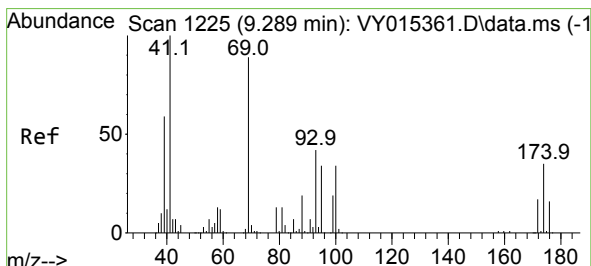
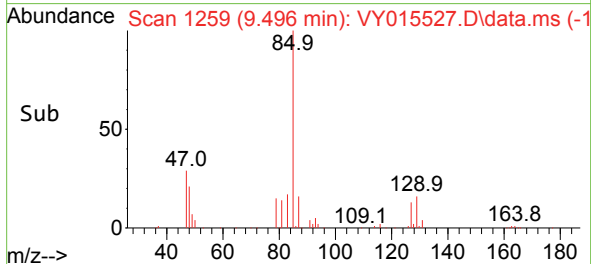
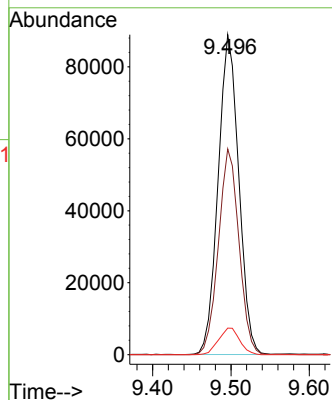
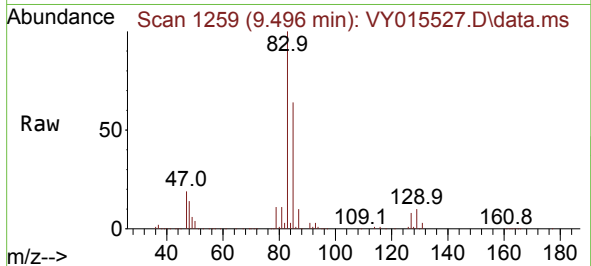




#47
Bromodichloromethane
Concen: 57.476 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

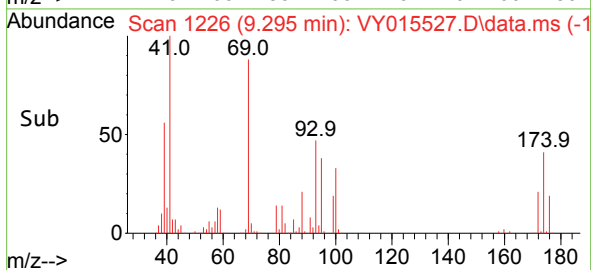
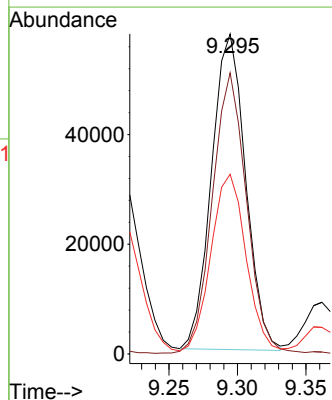
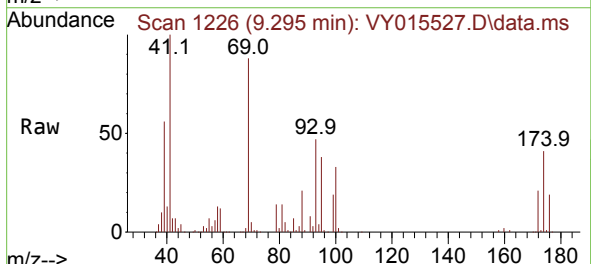
Instrument :
MSVOA_Y
ClientSampleId :

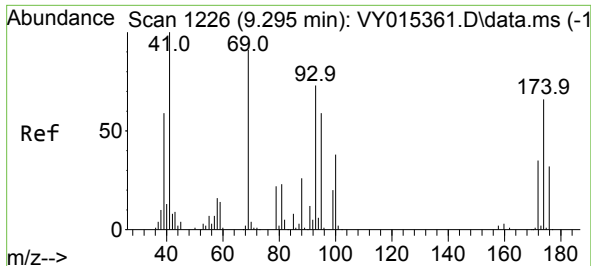
Tgt Ion: 83 Resp: 162839
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 57.321 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 41 Resp: 99462
Ion Ratio Lower Upper
41 100
69 89.6 64.5 96.7
39 59.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1183.313 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

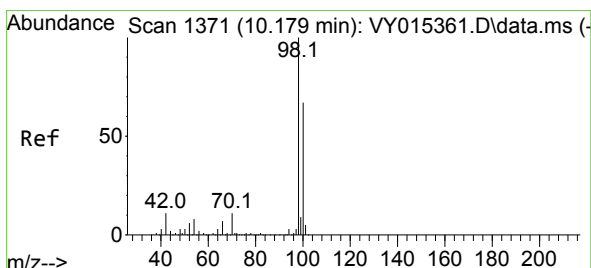
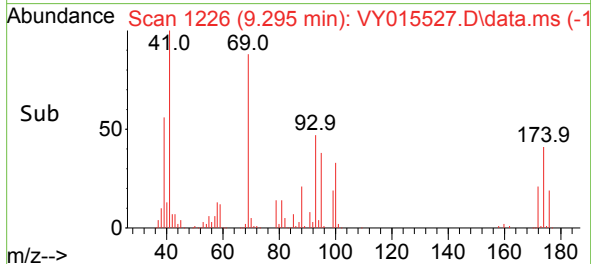
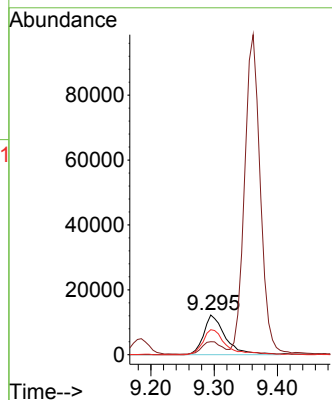
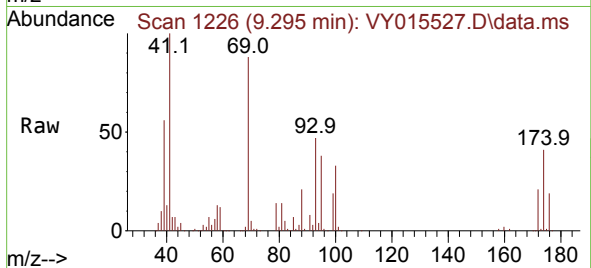
Tgt Ion: 88 Resp: 29119

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 66.9 30.9 46.3#



#50

Toluene-d8

Concen: 37.129 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015527.D

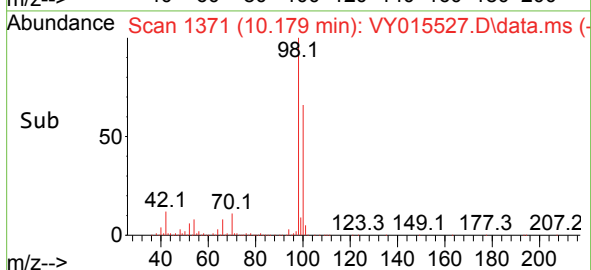
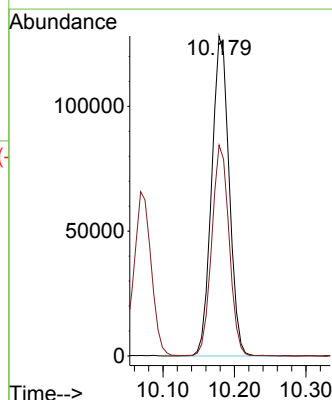
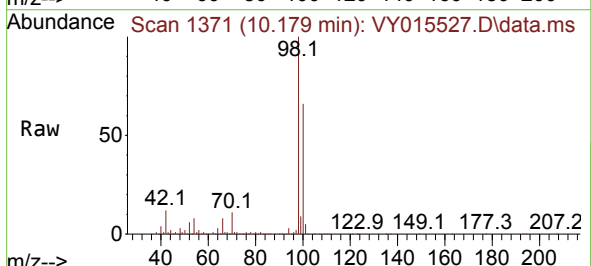
Acq: 12 Sep 2023 22:55

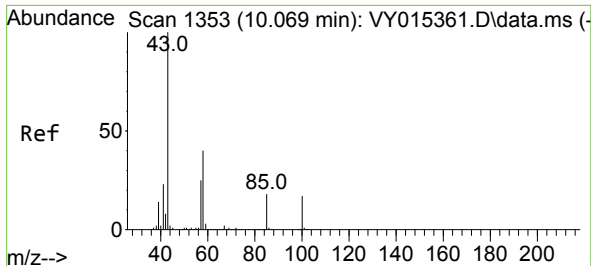
Tgt Ion: 98 Resp: 217146

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

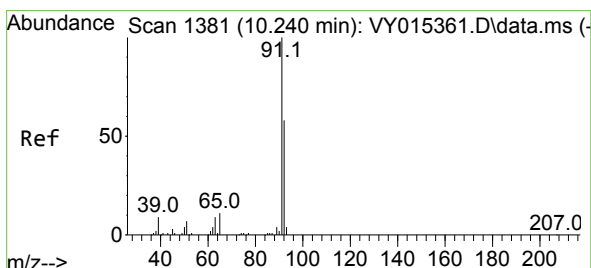
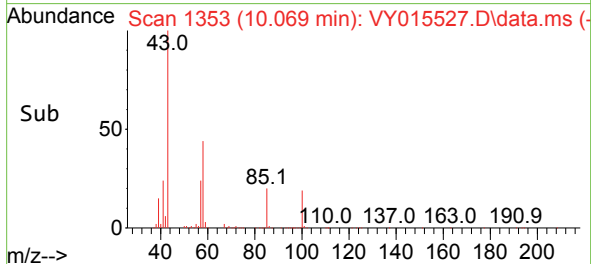
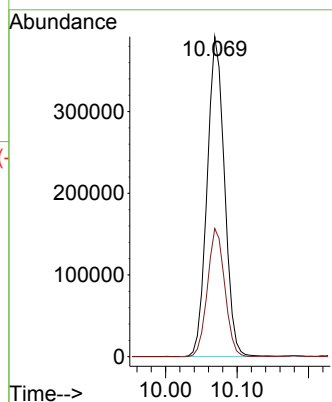
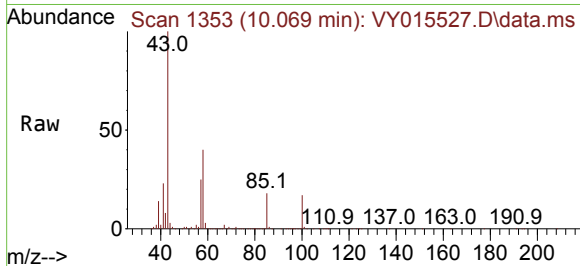




#51
4-Methyl-2-Pentanone
Concen: 299.868 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

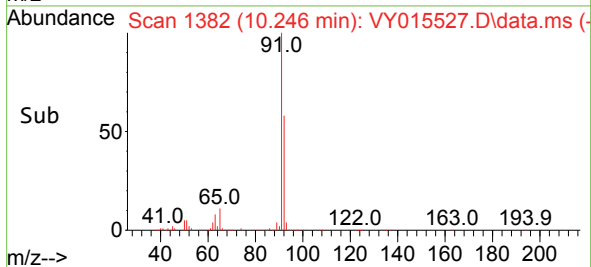
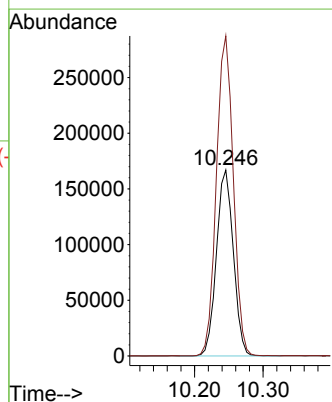
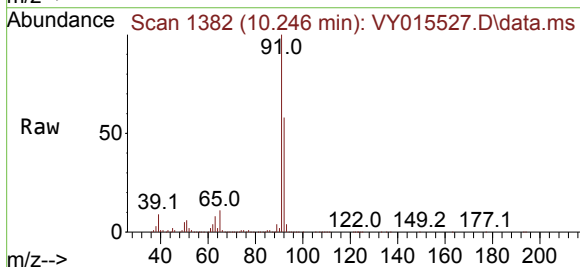
Instrument :
MSVOA_Y
ClientSampleId :

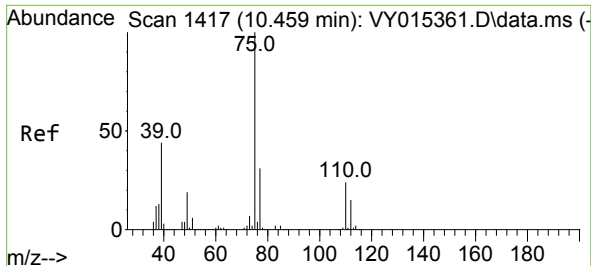
Tgt Ion: 43 Resp: 659147
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 56.220 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 92 Resp: 285083
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

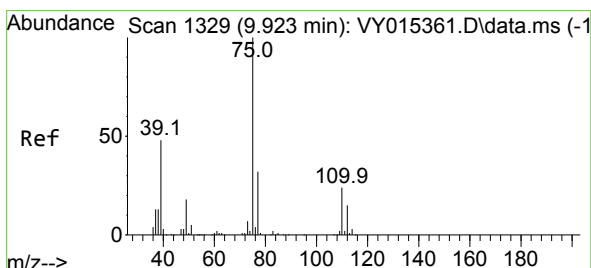
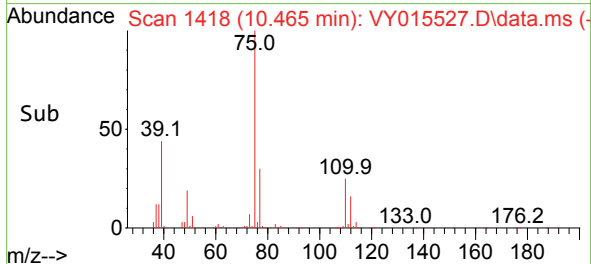
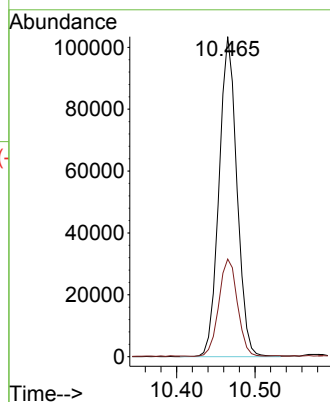
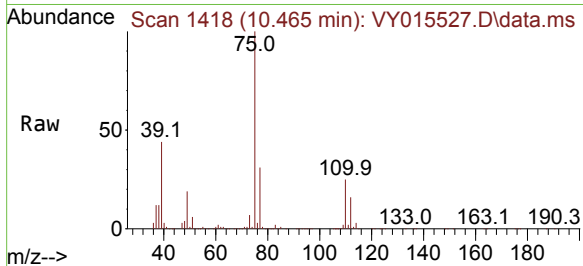




#53
 t-1,3-Dichloropropene
 Concen: 54.629 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

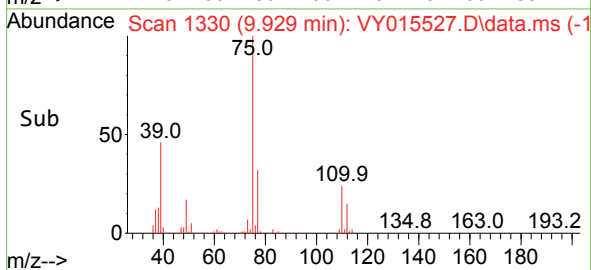
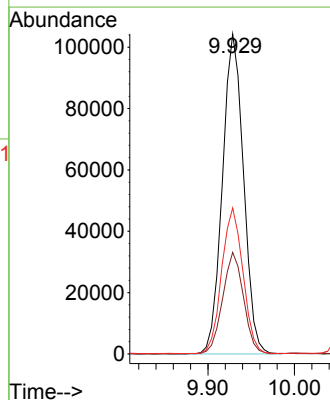
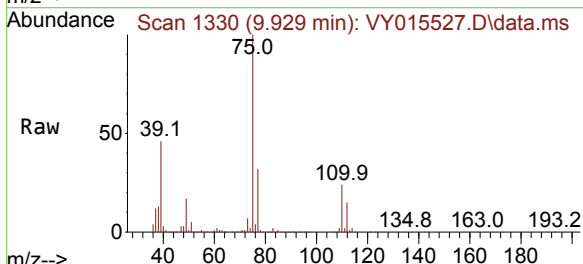
Instrument :
 MSVOA_Y
 ClientSampleId :

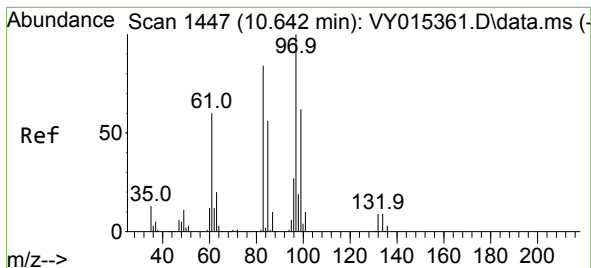
Tgt Ion: 75 Resp: 164485
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.878 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

Tgt Ion: 75 Resp: 176471
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 45.5 42.2 63.4

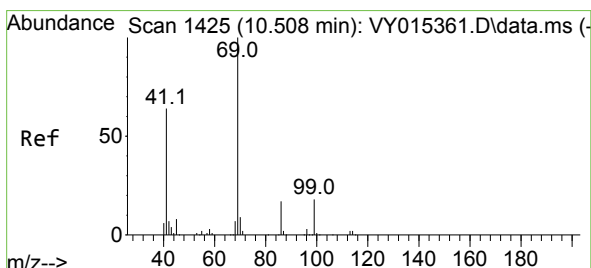
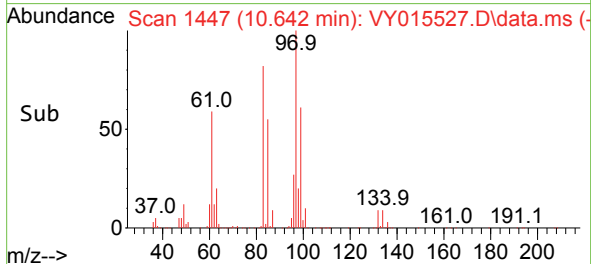
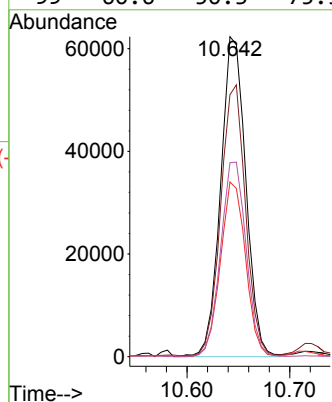
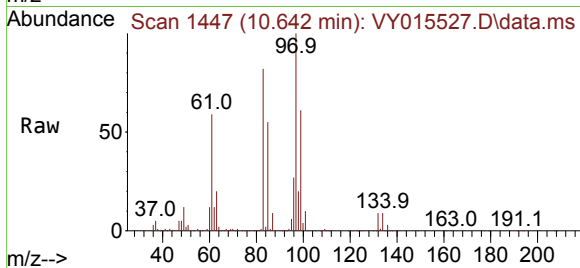




#55
1,1,2-Trichloroethane
Concen: 59.417 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

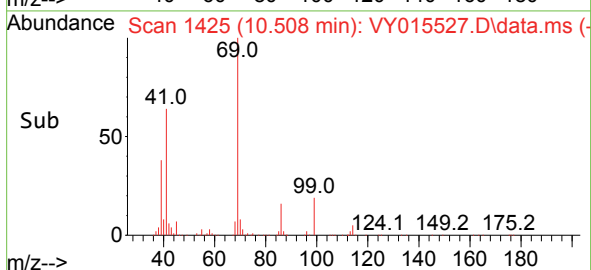
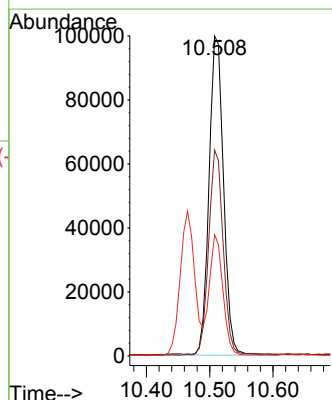
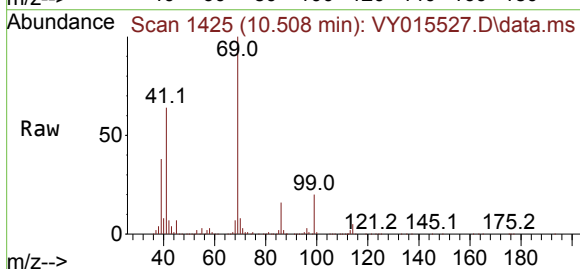
Instrument :
MSVOA_Y
ClientSampleId :

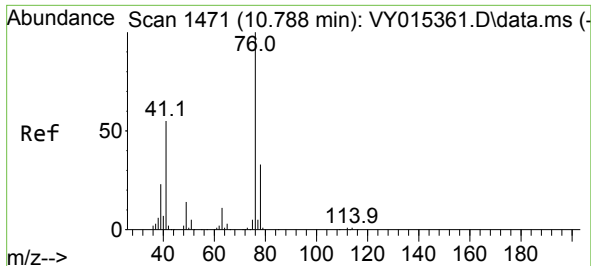
Tgt Ion:	97	Resp:	106064
Ion	Ratio	Lower	Upper
97	100		
83	81.5	72.0	108.0
85	54.5	45.4	68.0
99	60.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 60.264 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion:	69	Resp:	159415
Ion	Ratio	Lower	Upper
69	100		
41	63.1	57.6	86.4
39	34.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 57.565 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

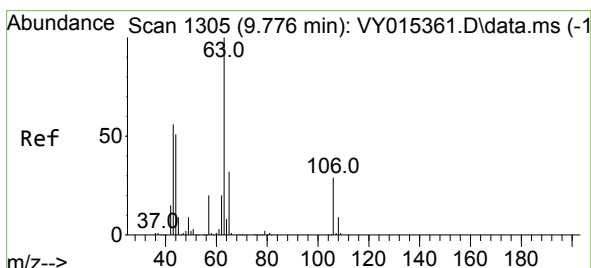
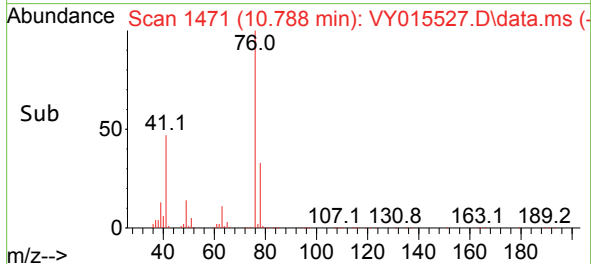
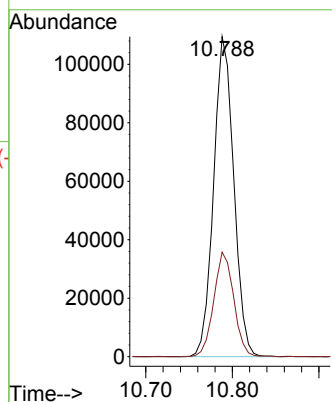
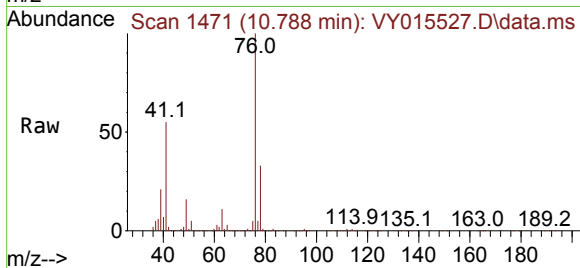
ClientSampleId :

Tgt Ion: 76 Resp: 176885

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 224.332 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015527.D

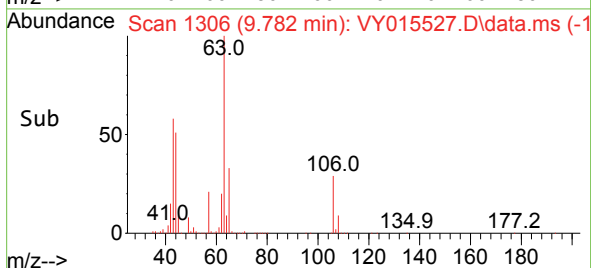
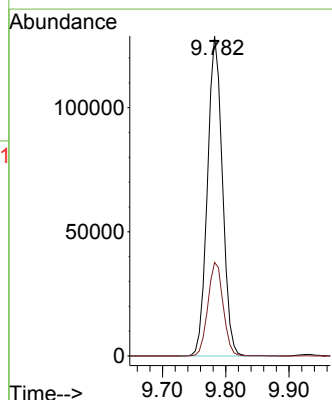
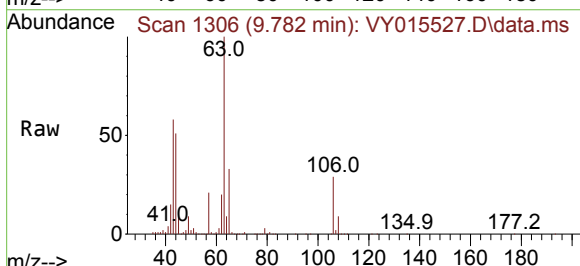
Acq: 12 Sep 2023 22:55

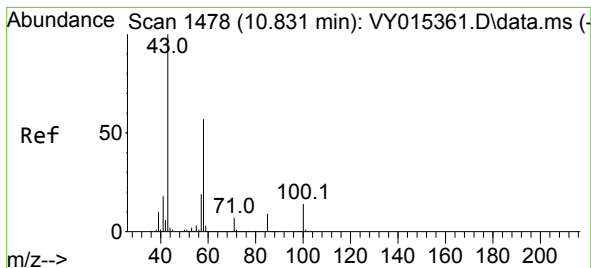
Tgt Ion: 63 Resp: 211815

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

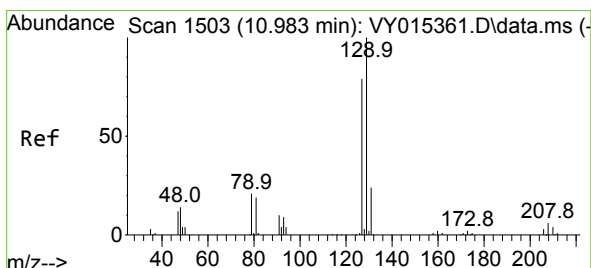
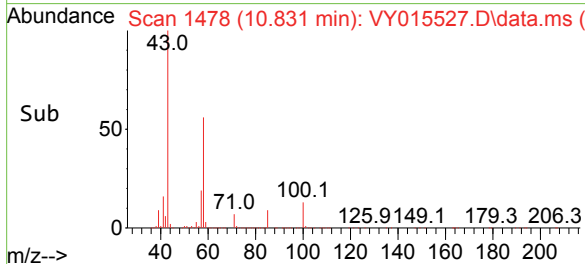
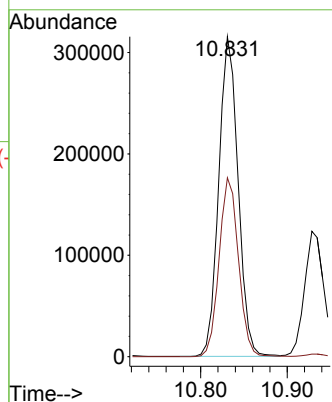
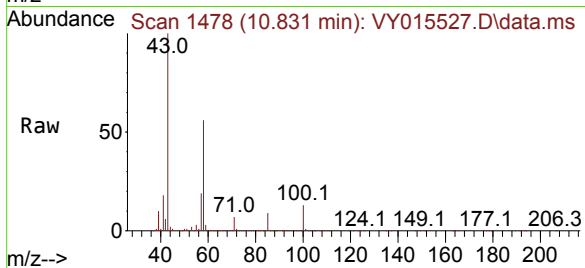




#59
2-Hexanone
Concen: 296.129 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

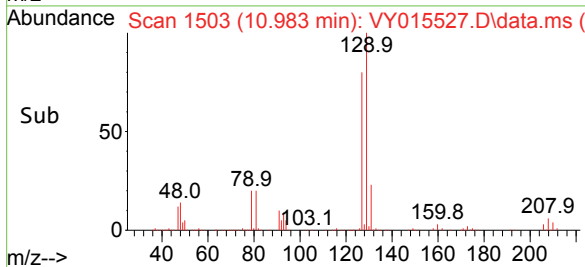
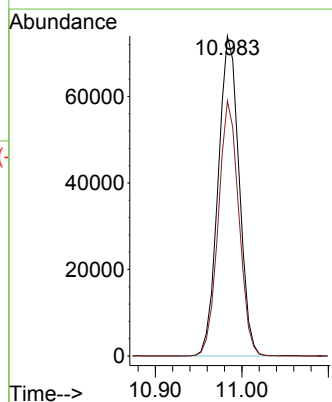
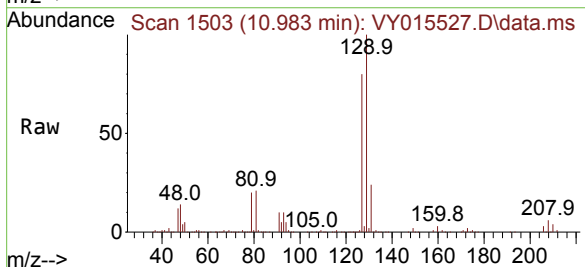
Instrument :
MSVOA_Y
ClientSampleId :

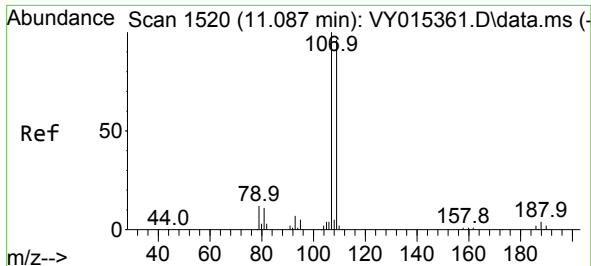
Tgt Ion: 43 Resp: 488423
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 59.421 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 129 Resp: 124152
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

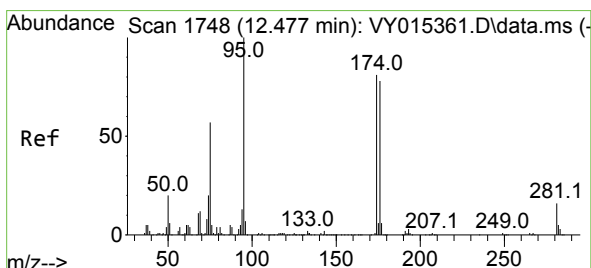
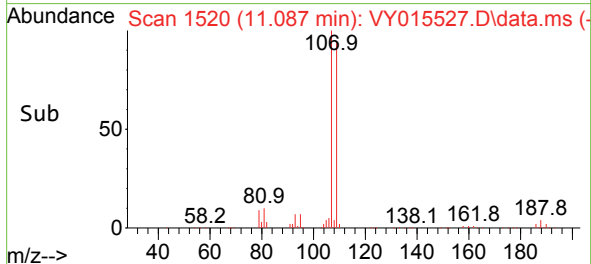
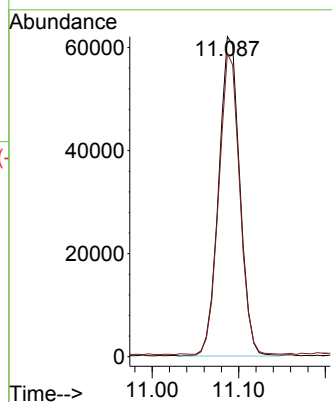
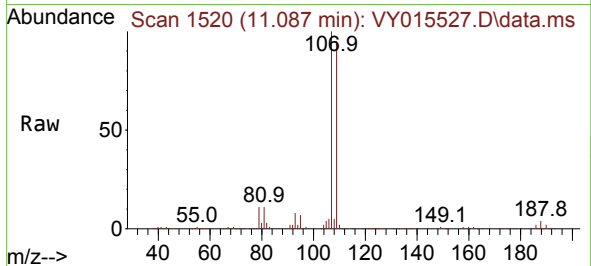




#61
1,2-Dibromoethane
Concen: 57.957 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

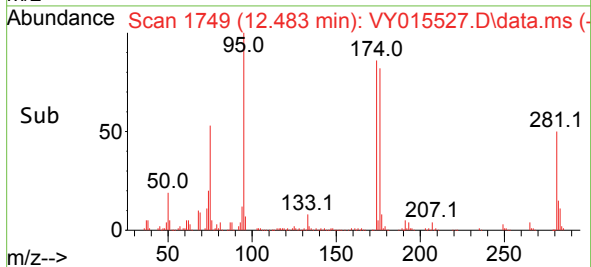
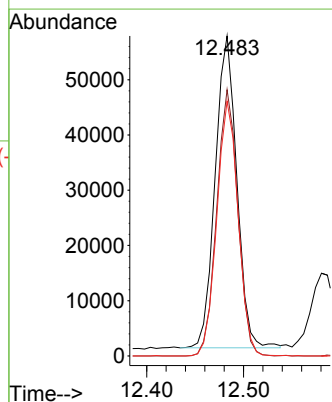
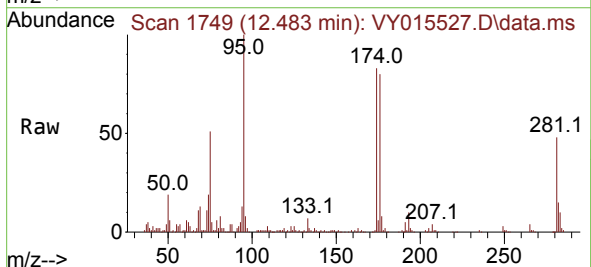
Instrument :
MSVOA_Y
ClientSampleId :

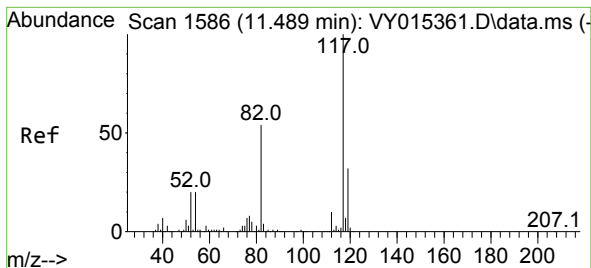
Tgt Ion:107 Resp: 104832
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 40.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 95 Resp: 87361
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

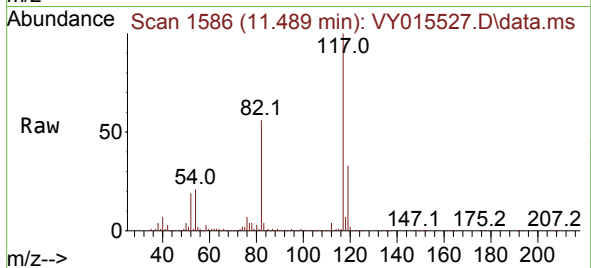
Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :



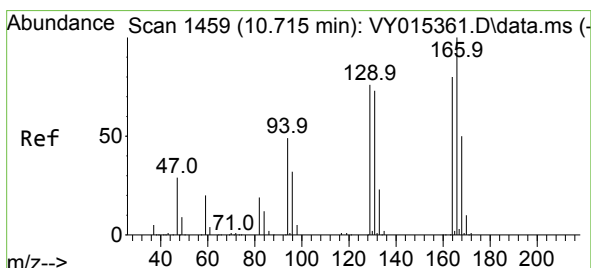
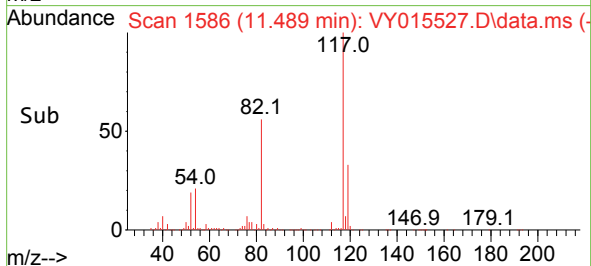
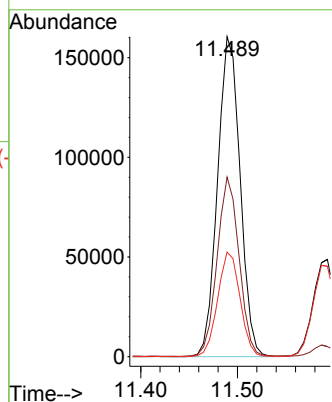
Tgt Ion:117 Resp: 259484

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 63.091 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Tgt Ion:164 Resp: 148594

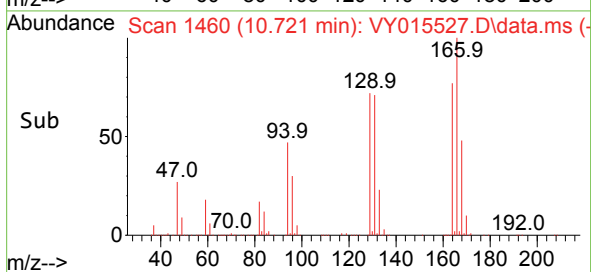
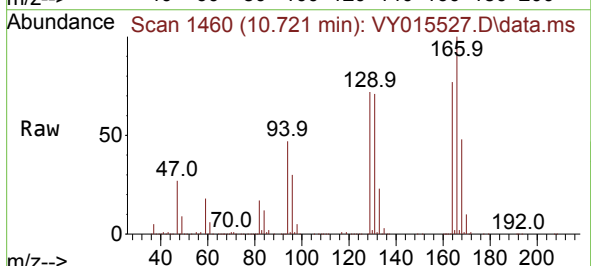
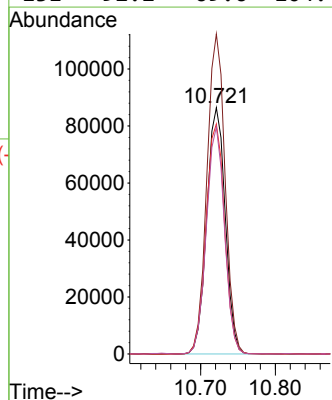
Ion Ratio Lower Upper

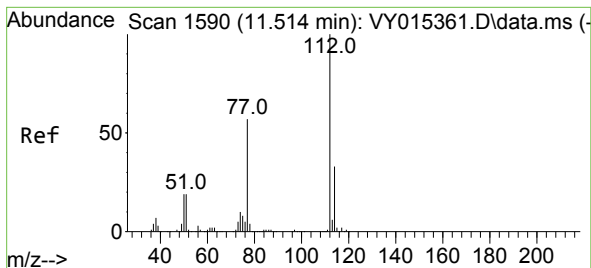
164 100

166 130.0 103.0 154.6

129 93.4 77.2 115.8

131 92.2 69.6 104.4





#65

Chlorobenzene

Concen: 55.553 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

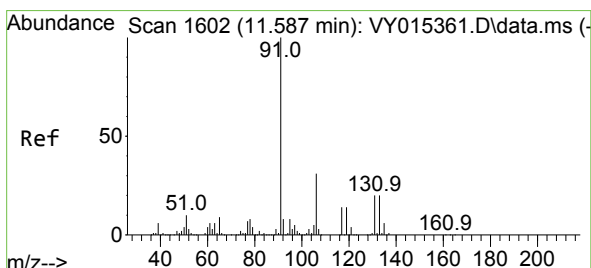
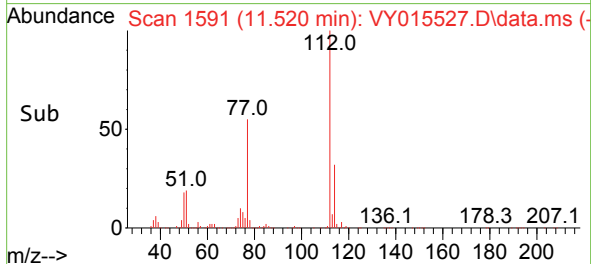
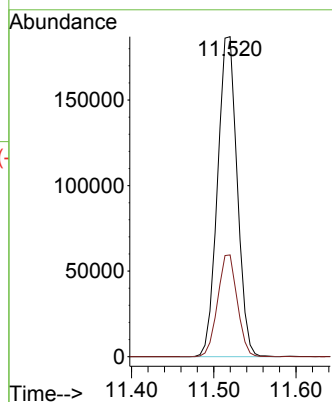
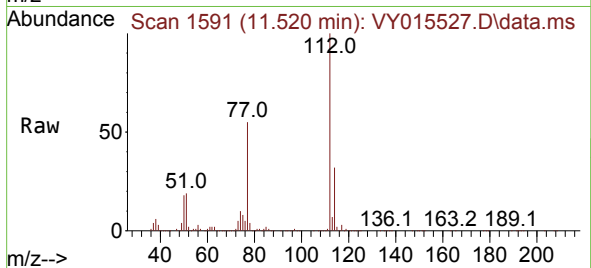
ClientSampleId :

Tgt Ion:112 Resp: 310625

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 58.125 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

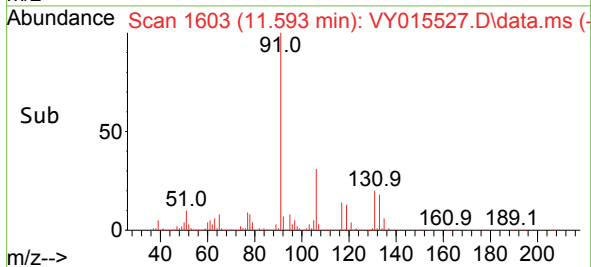
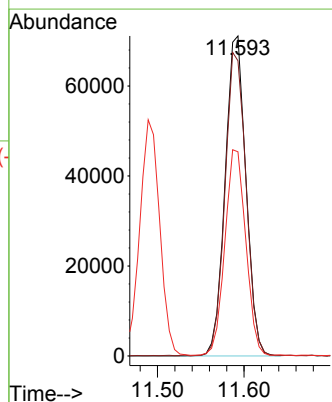
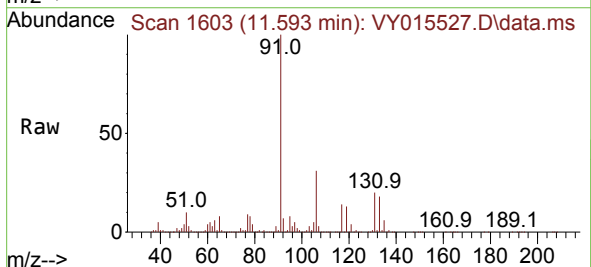
Tgt Ion:131 Resp: 118958

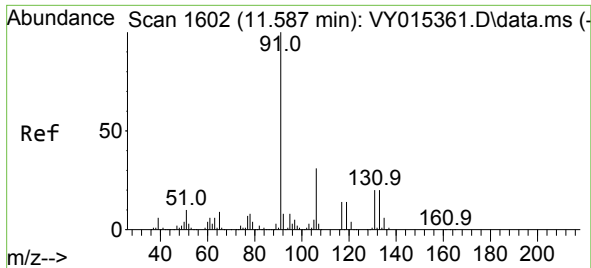
Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

119 64.4 31.6 94.7





#67

Ethyl Benzene

Concen: 55.750 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

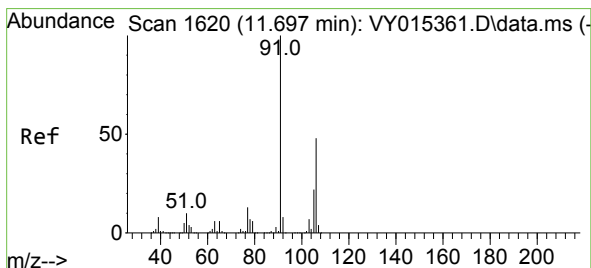
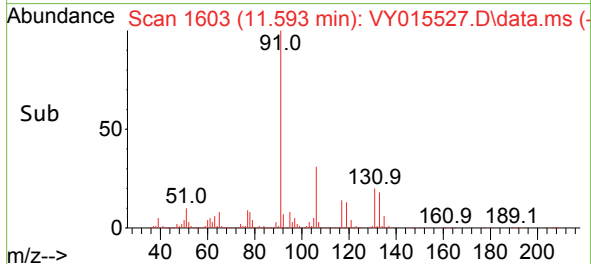
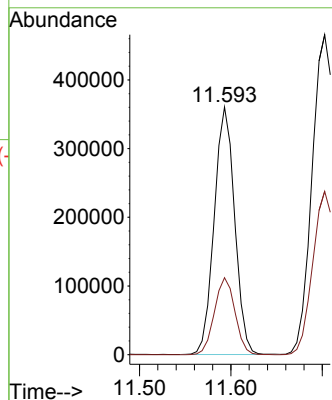
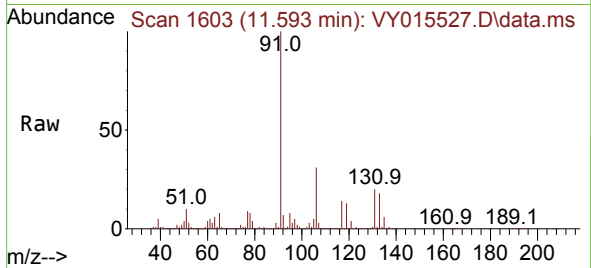
ClientSampleId :

Tgt Ion: 91 Resp: 559755

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 110.317 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015527.D

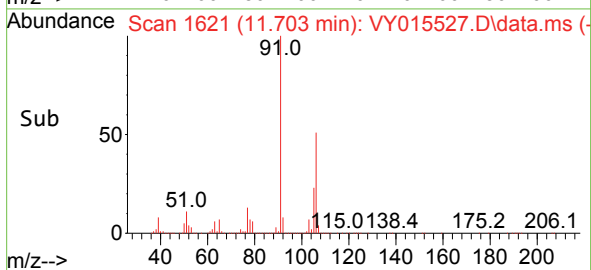
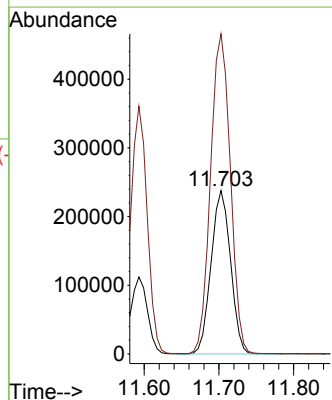
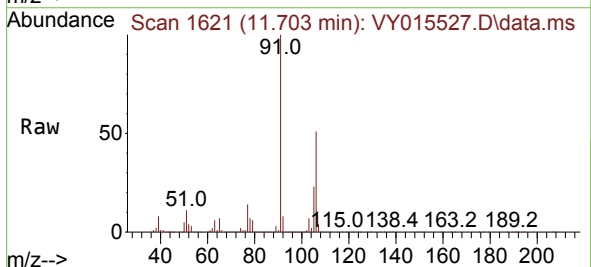
Acq: 12 Sep 2023 22:55

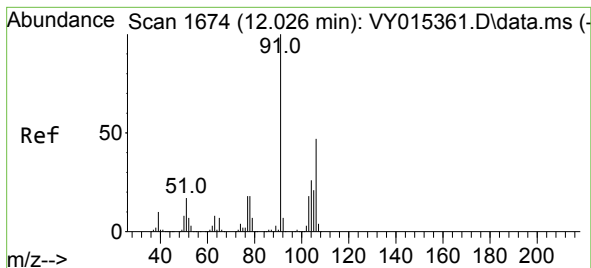
Tgt Ion:106 Resp: 429333

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1





#69

o-Xylene

Concen: 55.906 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

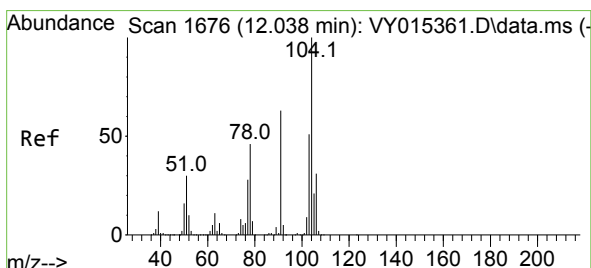
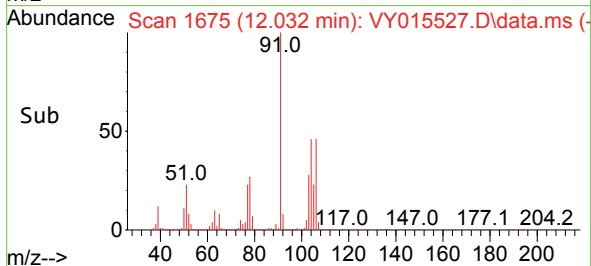
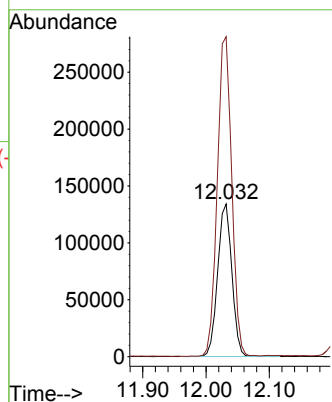
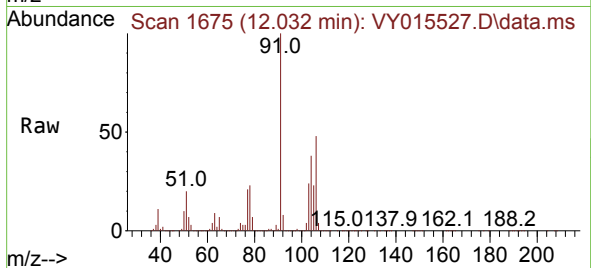
ClientSampleId :

Tgt Ion:106 Resp: 207934

Ion Ratio Lower Upper

106 100

91 213.6 108.1 324.3



#70

Styrene

Concen: 56.960 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

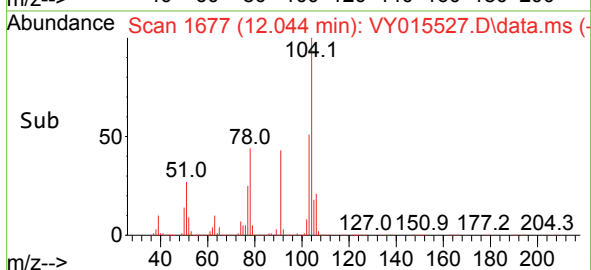
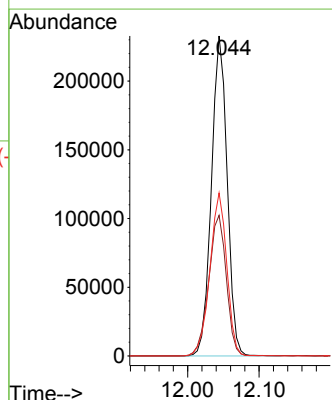
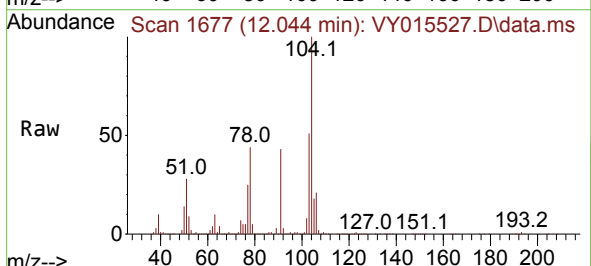
Tgt Ion:104 Resp: 356219

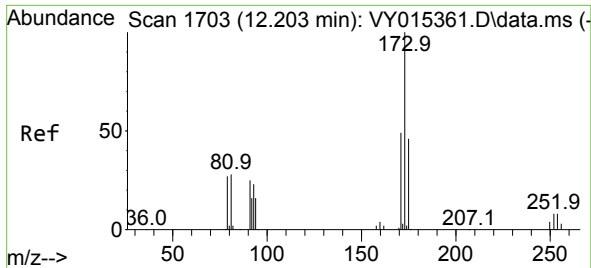
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 54.6 44.6 67.0

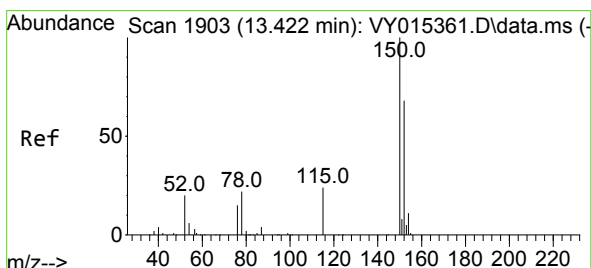
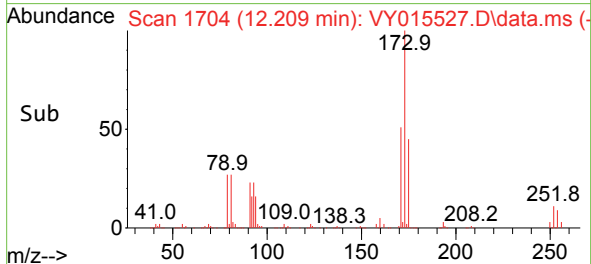
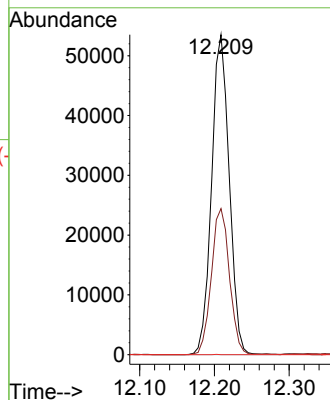
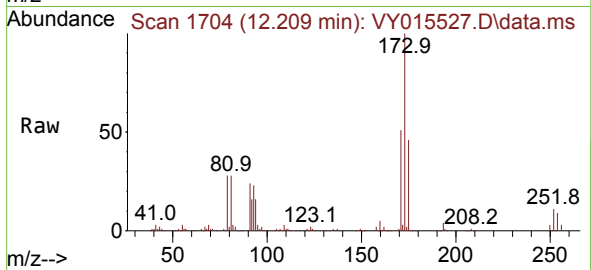




#71
Bromoform
Concen: 61.576 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

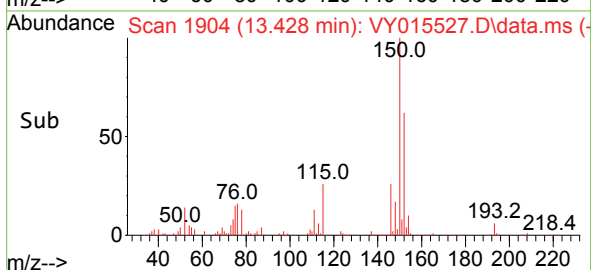
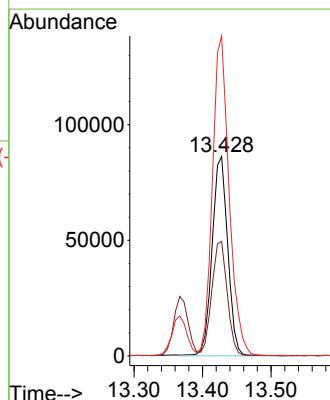
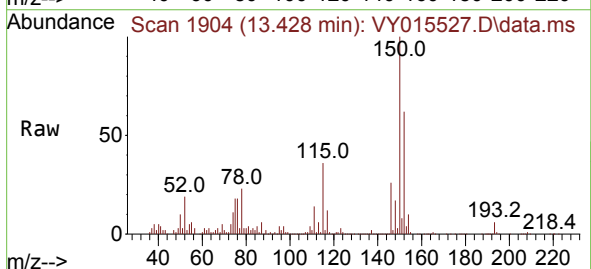
Instrument :
MSVOA_Y
ClientSampleId :

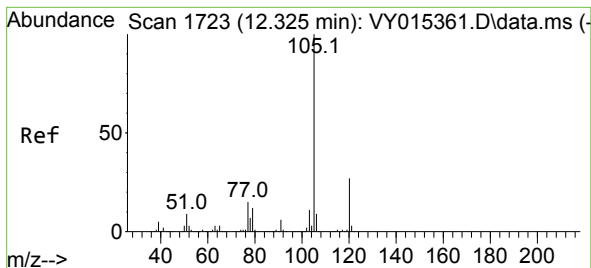
Tgt Ion:173 Resp: 87909
Ion Ratio Lower Upper
173 100
175 46.9 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion:152 Resp: 136506
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 170.6 0.0 348.8





#73

Isopropylbenzene

Concen: 53.536 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

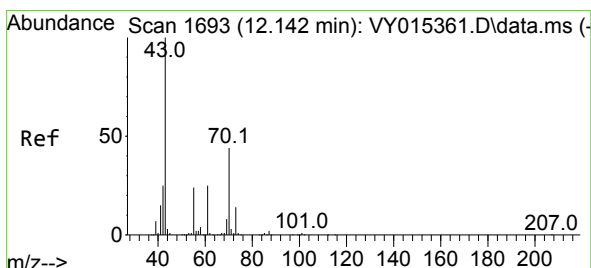
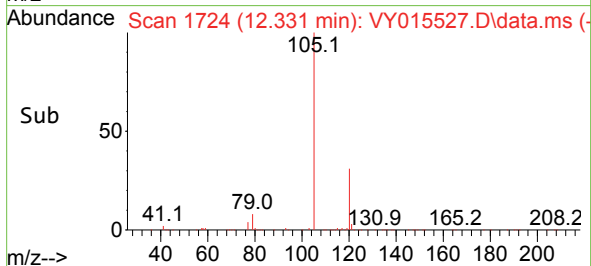
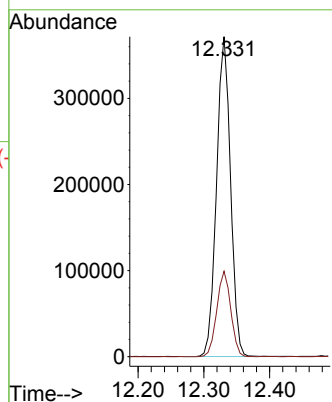
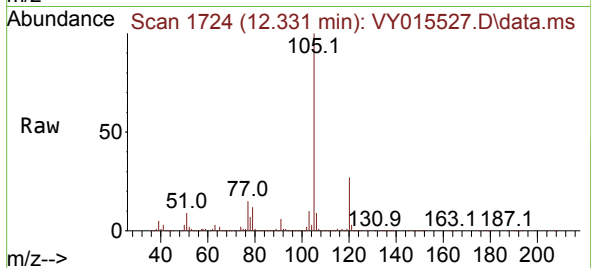
ClientSampleId :

Tgt Ion:105 Resp: 548926

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 57.403 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Tgt Ion: 43 Resp: 197740

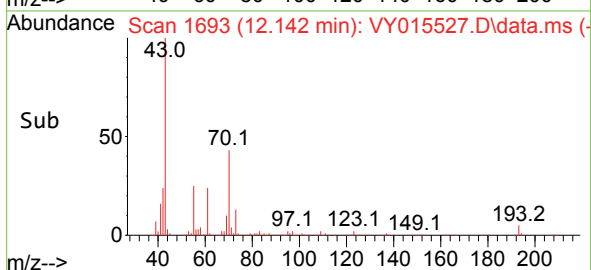
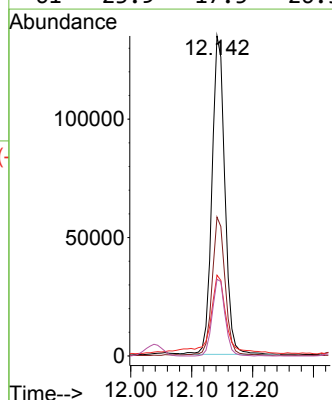
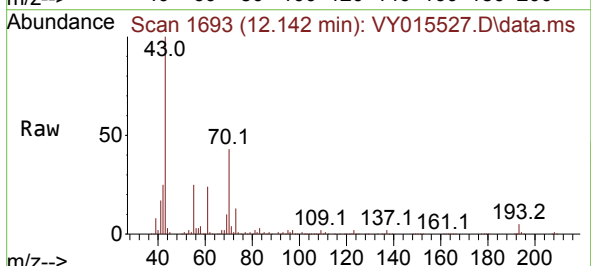
Ion Ratio Lower Upper

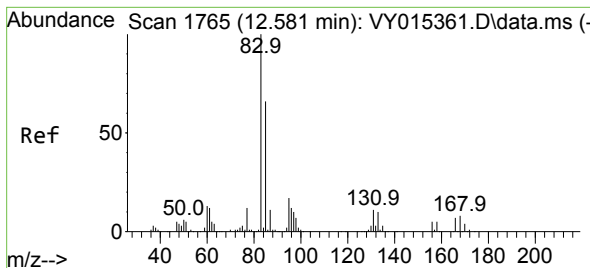
43 100

70 43.6 29.7 44.5

55 33.4 18.3 27.5#

61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.211 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

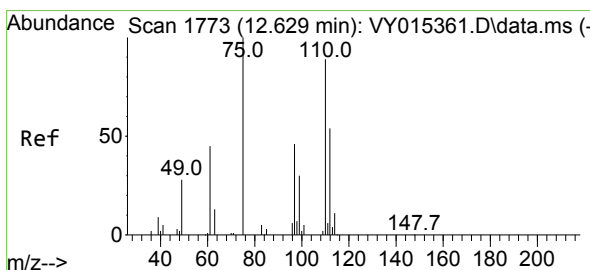
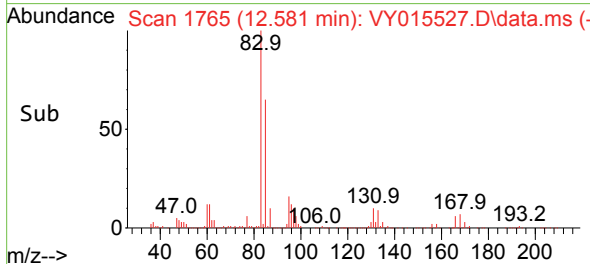
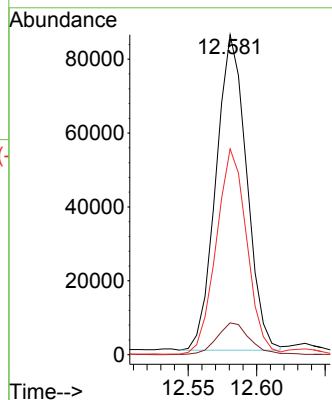
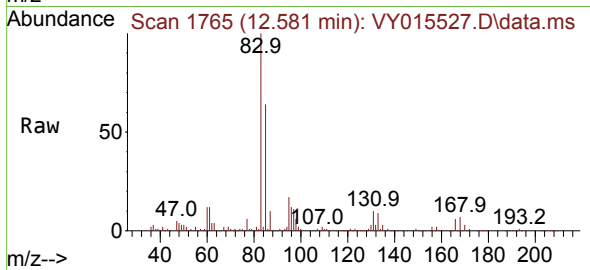
Tgt Ion: 83 Resp: 132691

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 96.890 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015527.D

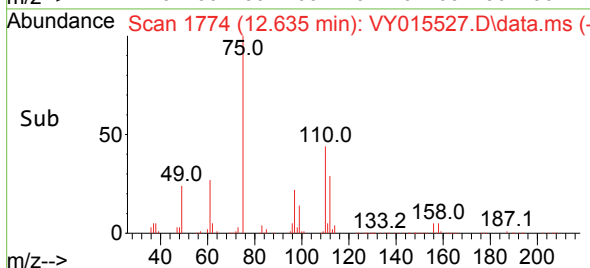
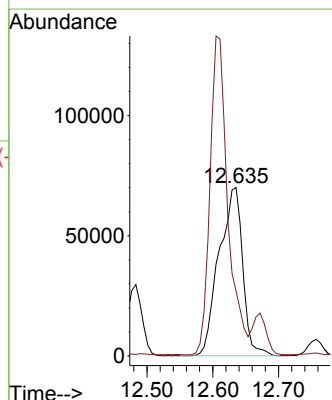
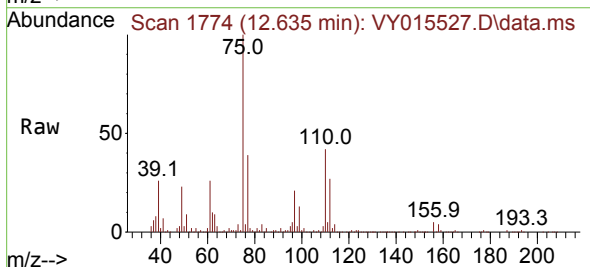
Acq: 12 Sep 2023 22:55

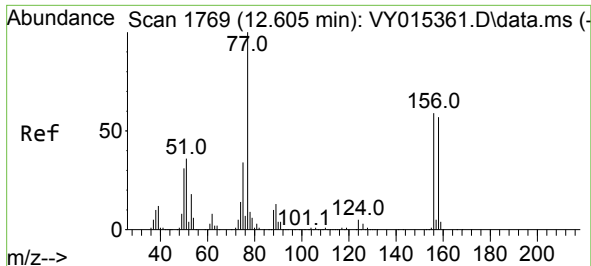
Tgt Ion: 75 Resp: 175391

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

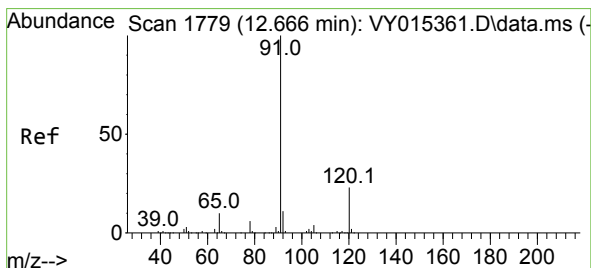
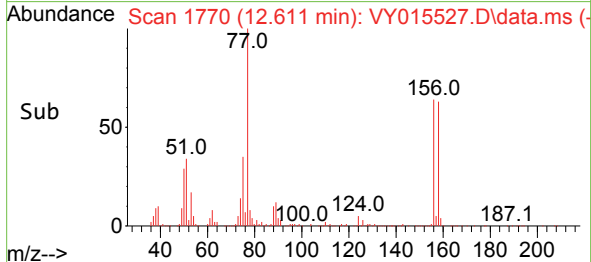
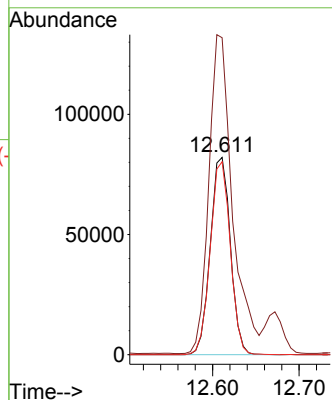
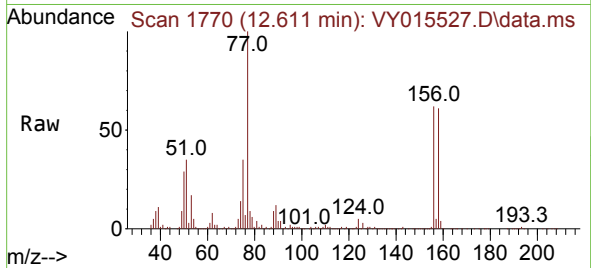




#77
Bromobenzene
Concen: 54.568 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

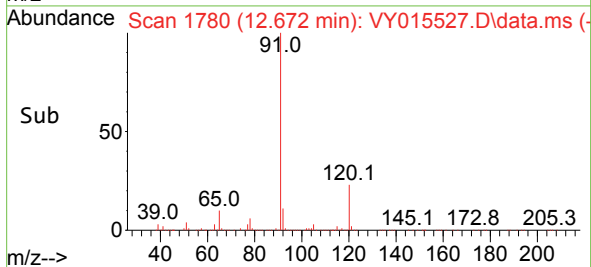
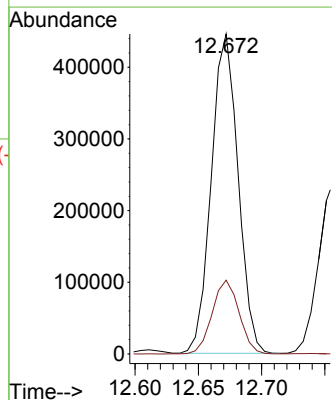
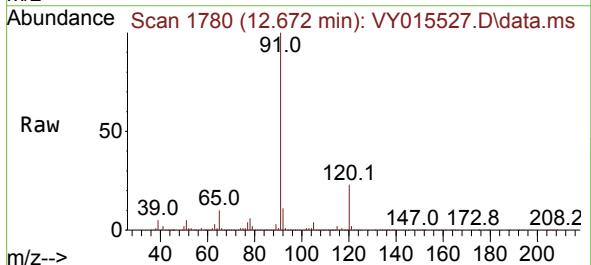
Instrument :
MSVOA_Y
ClientSampleId :

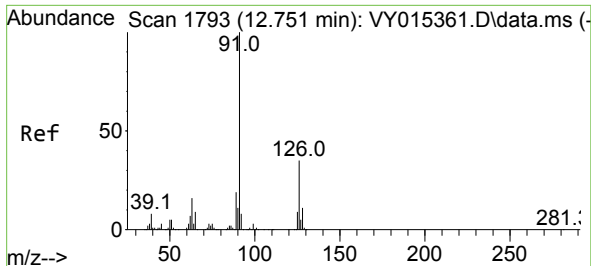
Tgt Ion:156 Resp: 132516
Ion Ratio Lower Upper
156 100
77 188.7 92.8 278.6
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 52.834 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 91 Resp: 655503
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

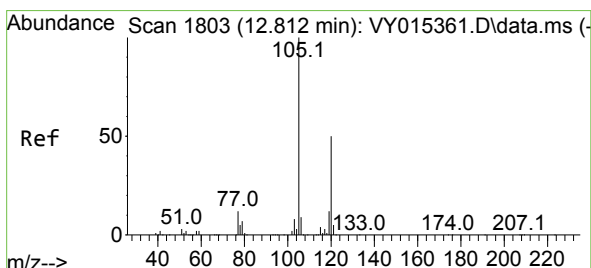
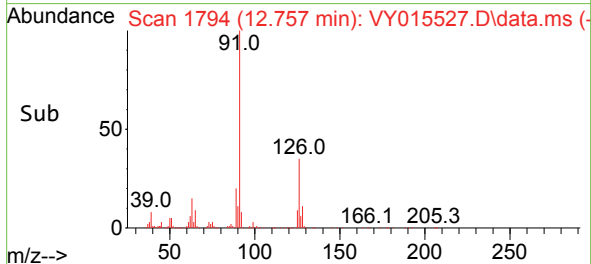
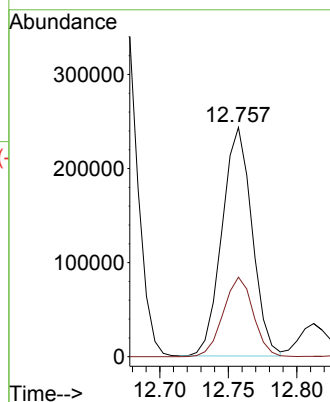
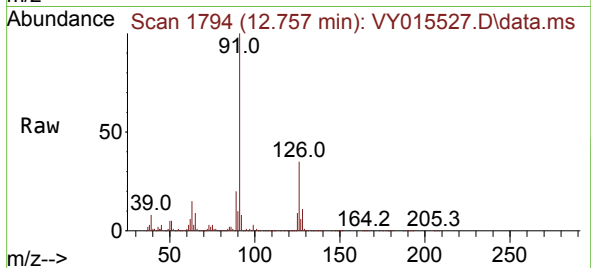




#79
2-Chlorotoluene
Concen: 53.445 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

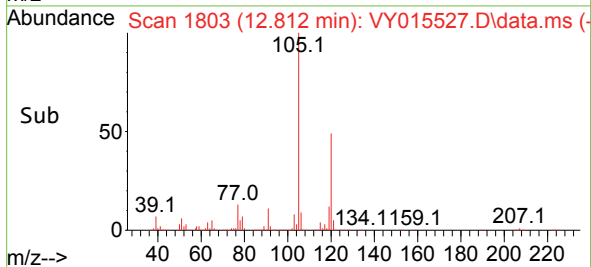
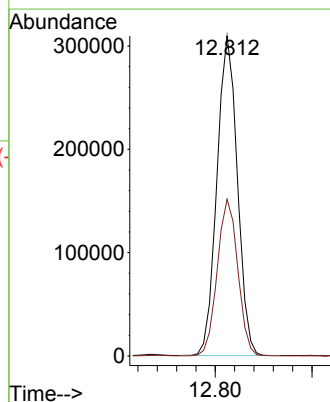
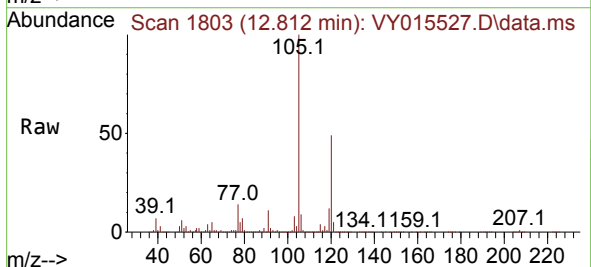
Instrument :
MSVOA_Y
ClientSampleId :

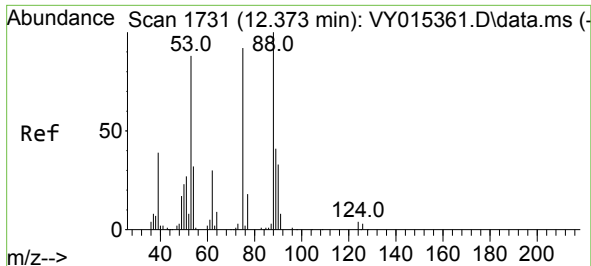
Tgt Ion: 91 Resp: 371919
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.725 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 105 Resp: 452186
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

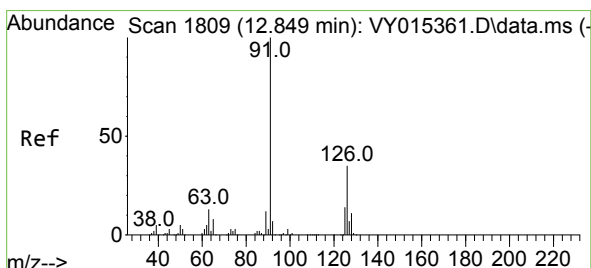
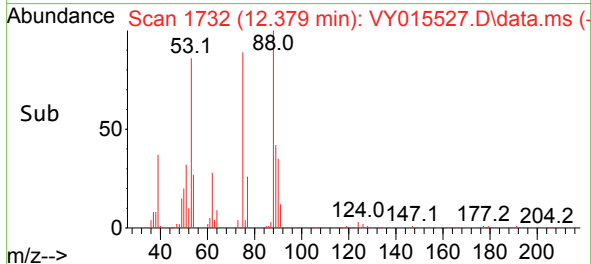
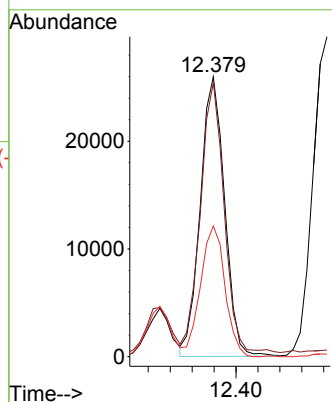
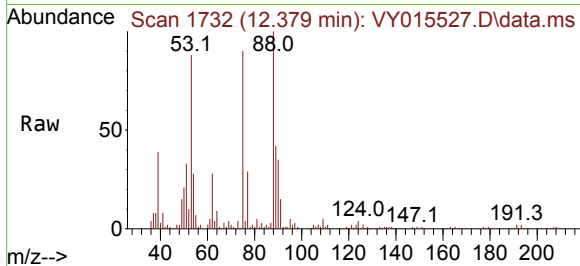




#81
trans-1,4-Dichloro-2-butene
Concen: 48.726 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

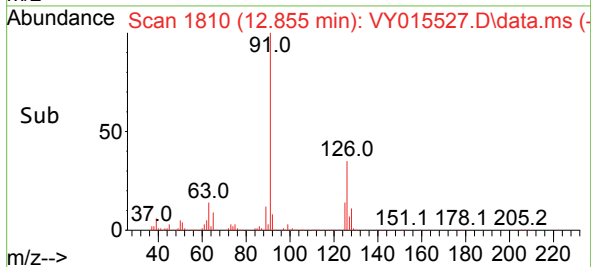
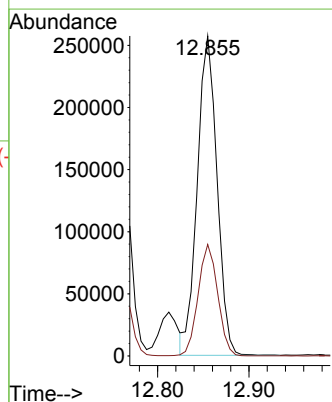
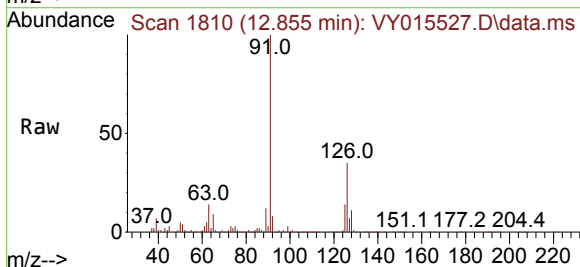
Instrument :
MSVOA_Y
ClientSampleId :

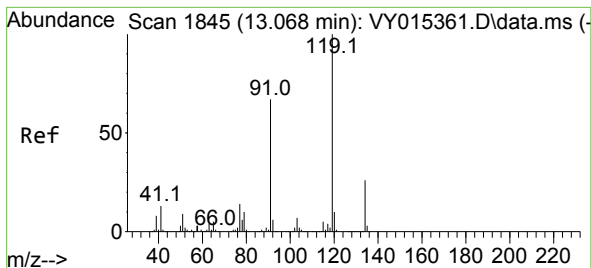
Tgt Ion: 75 Resp: 39986
Ion Ratio Lower Upper
75 100
53 94.2 77.8 116.8
89 47.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.312 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion: 91 Resp: 385566
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.255 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

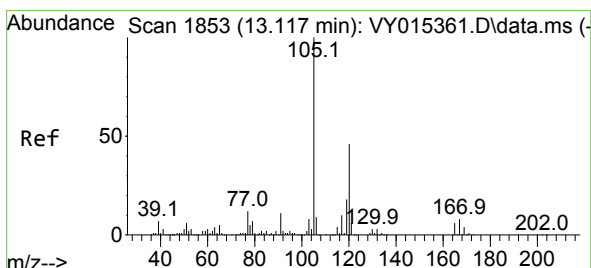
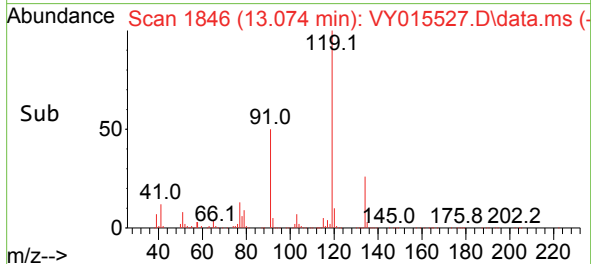
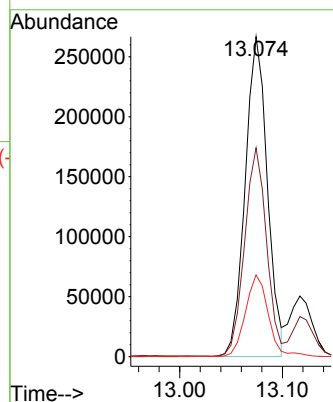
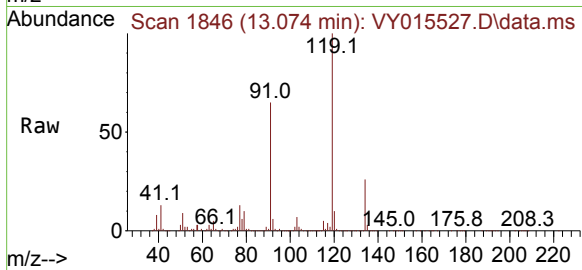
Tgt Ion:119 Resp: 400035

Ion Ratio Lower Upper

119 100

91 64.5 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.174 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015527.D

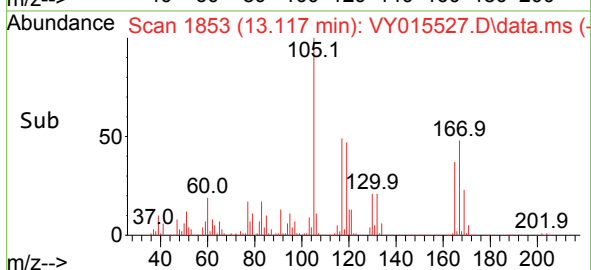
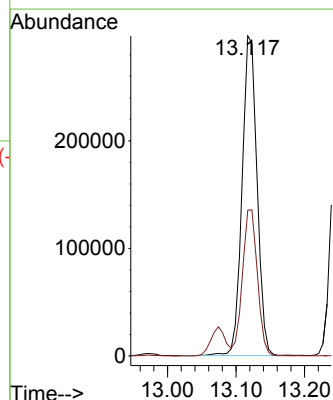
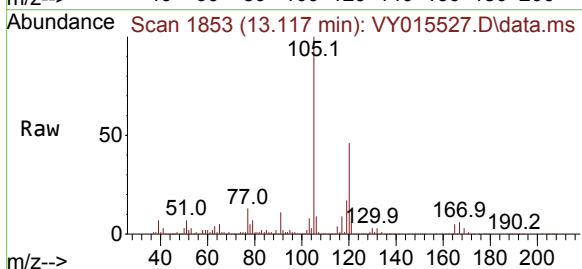
Acq: 12 Sep 2023 22:55

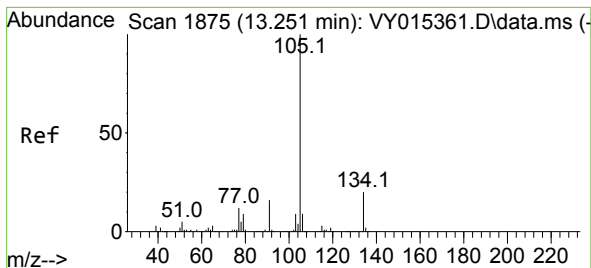
Tgt Ion:105 Resp: 452790

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.590 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

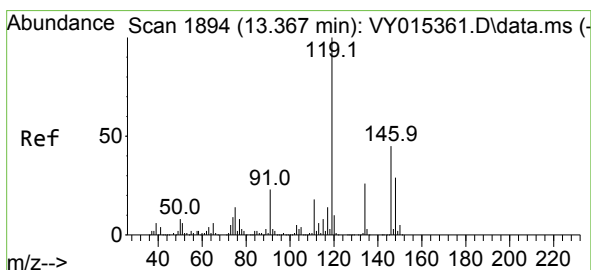
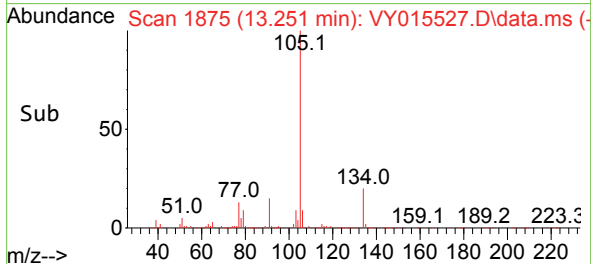
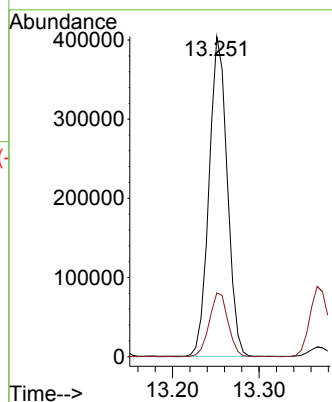
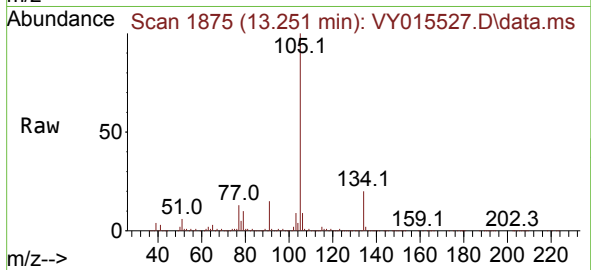
ClientSampleId :

Tgt Ion:105 Resp: 589221

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.391 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

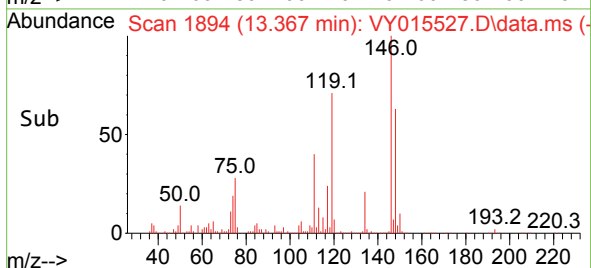
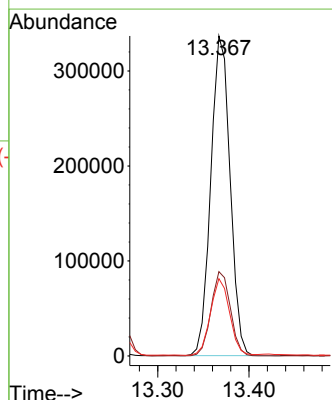
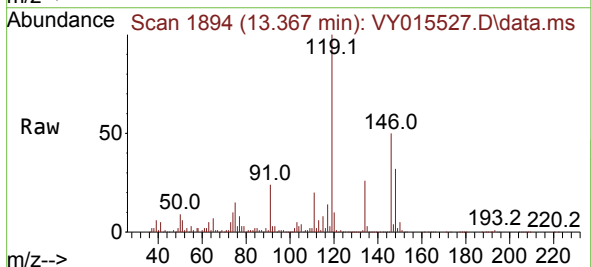
Tgt Ion:119 Resp: 491967

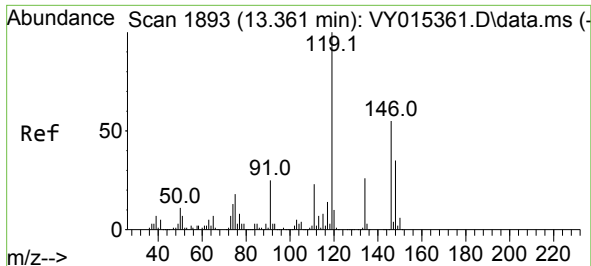
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.8 12.4 37.4

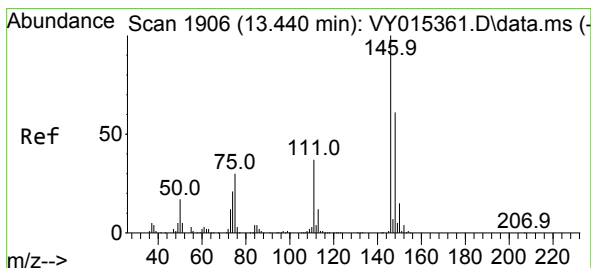
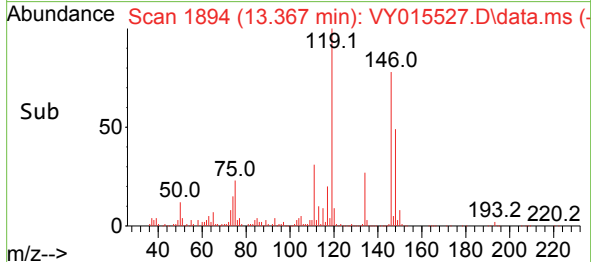
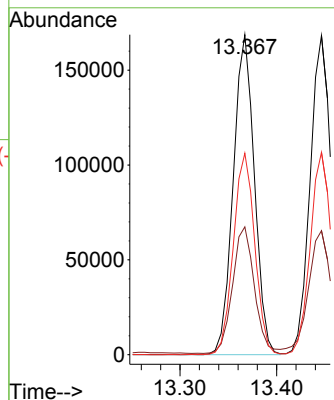
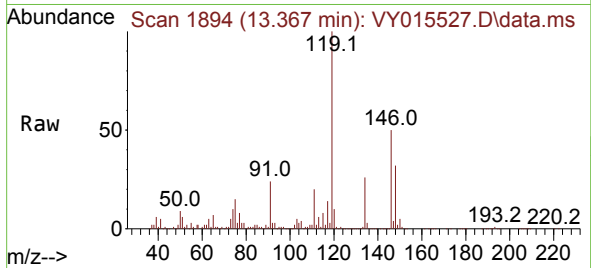




#87
1,3-Dichlorobenzene
Concen: 53.438 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

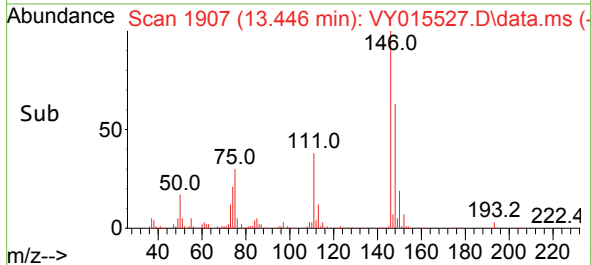
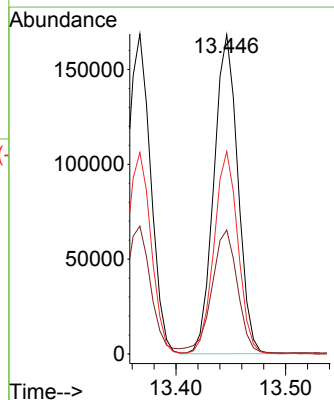
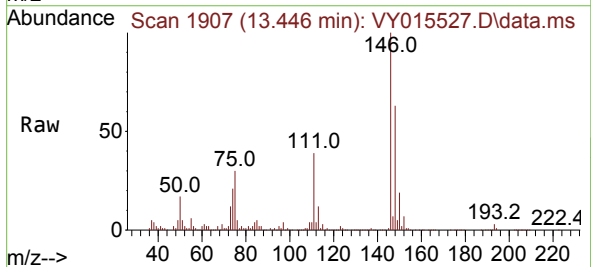
Instrument :
MSVOA_Y
ClientSampleId :

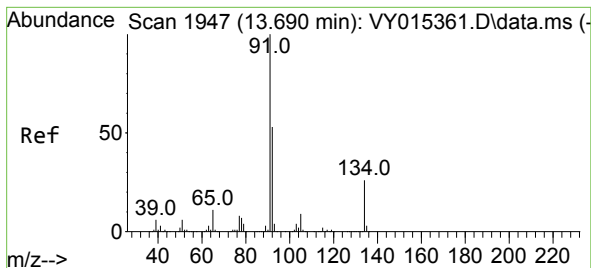
Tgt Ion:146 Resp: 256196
Ion Ratio Lower Upper
146 100
111 40.9 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 52.591 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY015527.D
Acq: 12 Sep 2023 22:55

Tgt Ion:146 Resp: 254870
Ion Ratio Lower Upper
146 100
111 41.0 18.9 56.7
148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 50.957 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

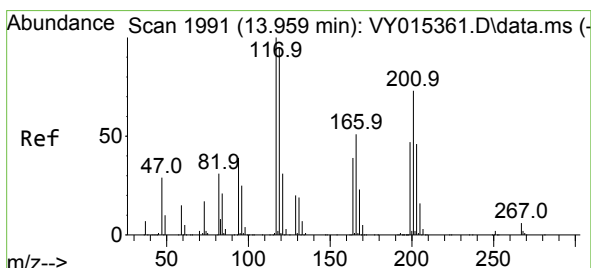
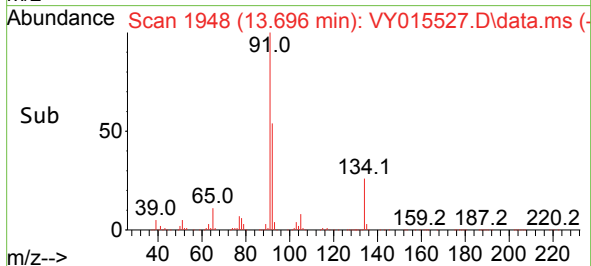
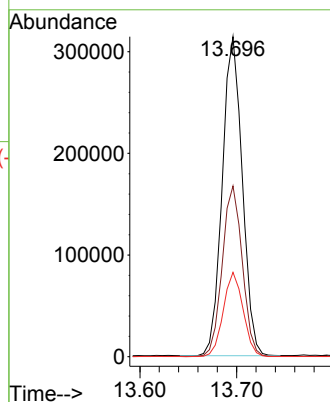
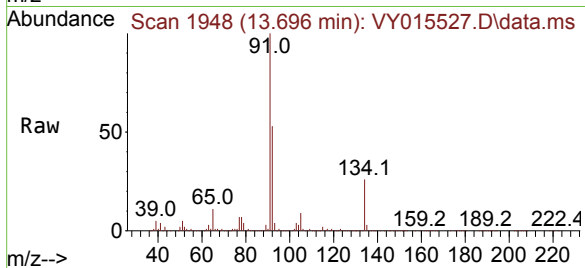
Tgt Ion: 91 Resp: 450371

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 54.398 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015527.D

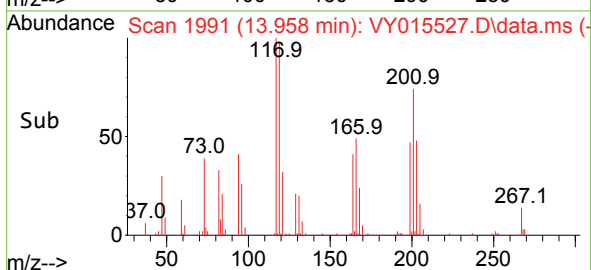
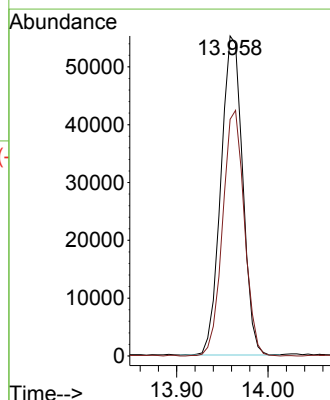
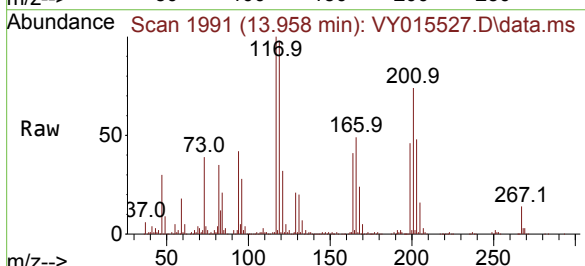
Acq: 12 Sep 2023 22:55

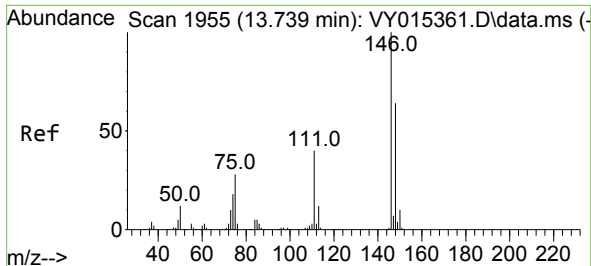
Tgt Ion: 117 Resp: 91359

Ion Ratio Lower Upper

117 100

201 76.7 41.6 124.8

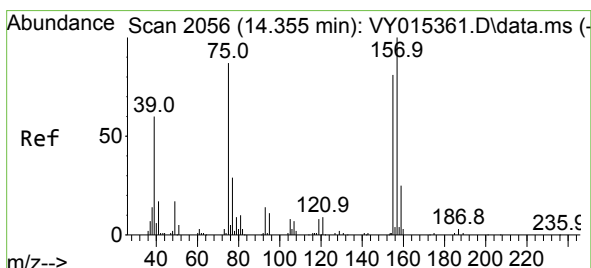
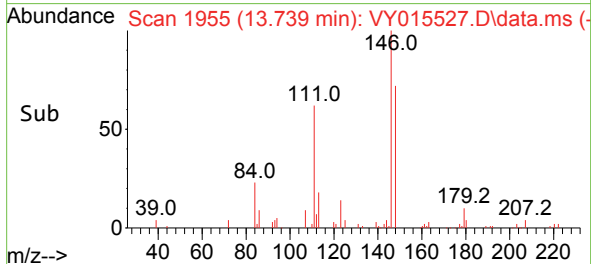
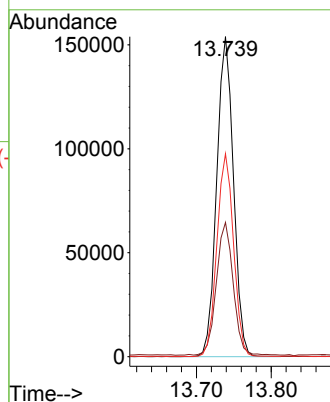
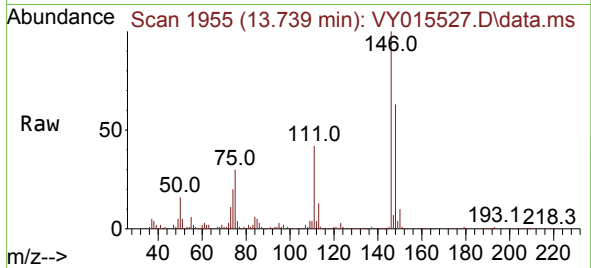




#91
 1,2-Dichlorobenzene
 Concen: 54.891 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

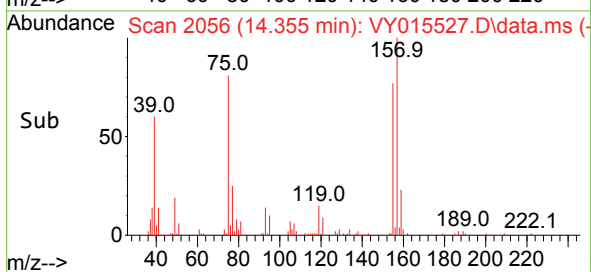
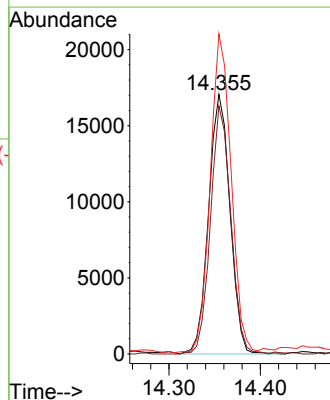
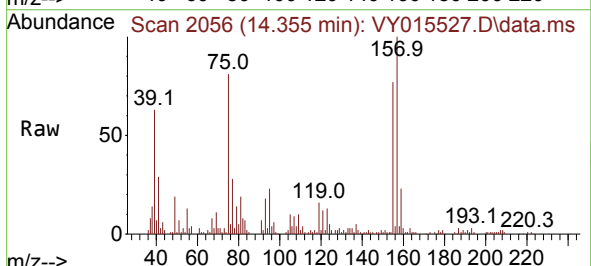
Instrument :
 MSVOA_Y
 ClientSampleId :

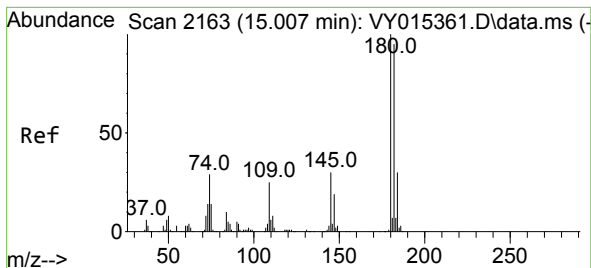
Tgt Ion:146 Resp: 240162
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.7 59.0
 148 63.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.122 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY015527.D
 Acq: 12 Sep 2023 22:55

Tgt Ion: 75 Resp: 27658
 Ion Ratio Lower Upper
 75 100
 155 90.8 41.5 124.6
 157 119.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.203 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

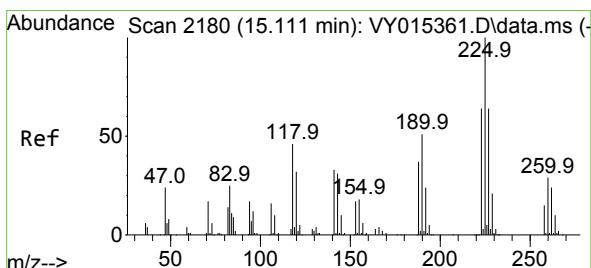
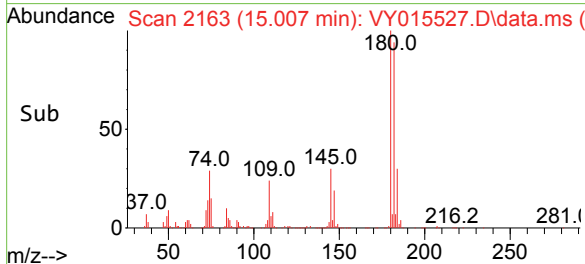
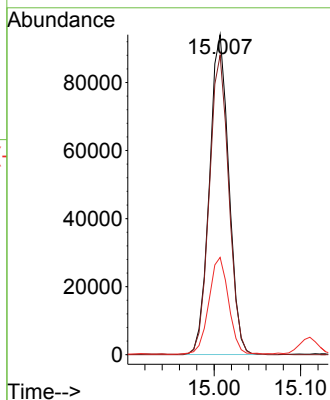
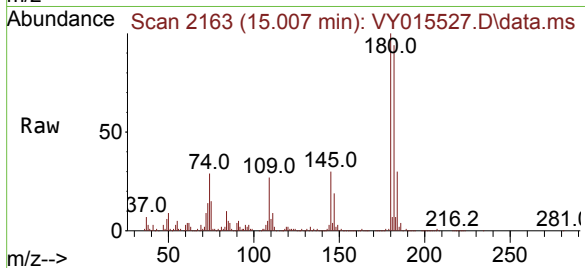
Tgt Ion:180 Resp: 146185

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.527 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

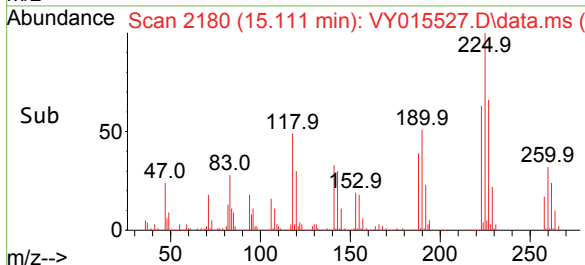
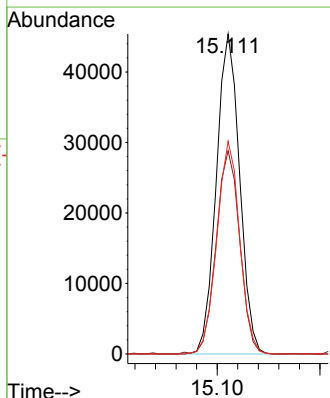
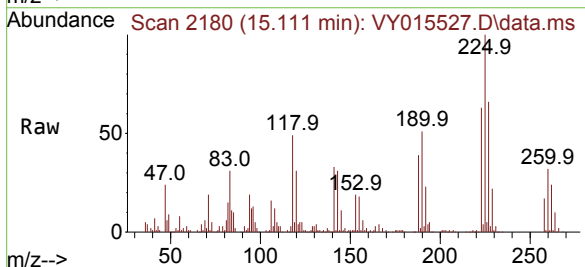
Tgt Ion:225 Resp: 71209

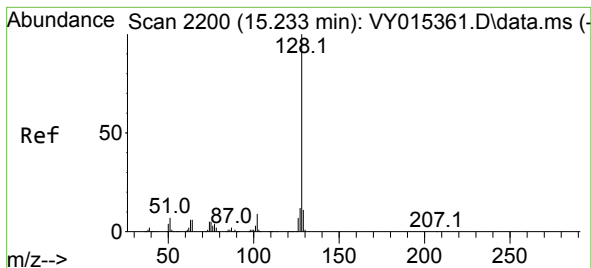
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 65.3 33.0 98.9





#95

Naphthalene

Concen: 58.148 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Instrument :

MSVOA_Y

ClientSampleId :

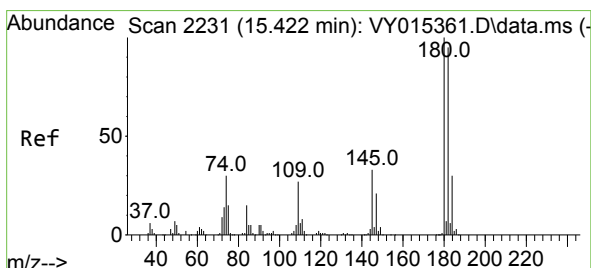
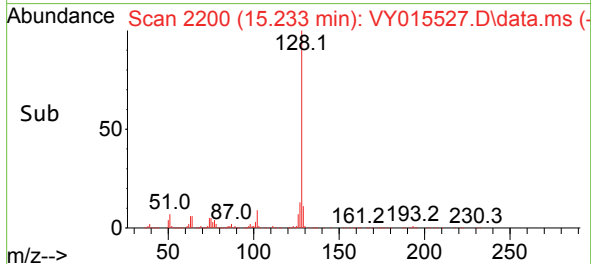
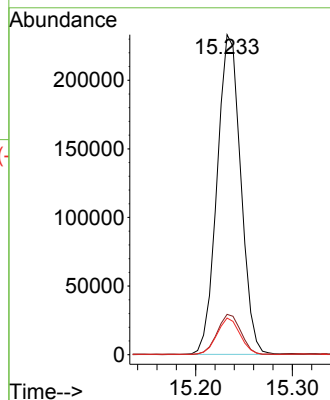
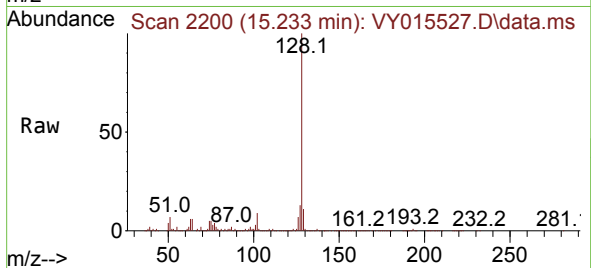
Tgt Ion:128 Resp: 395773

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.425 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015527.D

Acq: 12 Sep 2023 22:55

Tgt Ion:180 Resp: 133897

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.0 15.4 46.2

