

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016079.D
 Acq On : 26 Oct 2023 13:26
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 03:58:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	214932	101.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 203.020%#	
35) Dibromofluoromethane	7.716	113	218577	101.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 203.600%#	
50) Toluene-d8	10.179	98	824357	103.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 207.300%#	
62) 4-Bromofluorobenzene	12.483	95	284144	104.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 208.300%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	147501	100.373	ug/l	97
3) Chloromethane	2.113	50	177275	98.446	ug/l	97
4) Vinyl Chloride	2.253	62	206402	100.333	ug/l	96
5) Bromomethane	2.637	94	149631	97.858	ug/l	99
6) Chloroethane	2.790	64	139310	98.866	ug/l	97
7) Trichlorofluoromethane	3.119	101	322017	97.816	ug/l	99
8) Diethyl Ether	3.528	74	110348	100.007	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	193928	97.649	ug/l	95
10) Methyl Iodide	4.088	142	254788	100.407	ug/l	97
11) Tert butyl alcohol	4.954	59	105725	521.477	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	179141	98.455	ug/l	92
13) Acrolein	3.723	56	131551	498.845	ug/l	99
14) Allyl chloride	4.473	41	284293	99.952	ug/l	92
15) Acrylonitrile	5.155	53	277984	513.552	ug/l	98
16) Acetone	3.942	43	290820	506.751	ug/l	89
17) Carbon Disulfide	4.192	76	494675	98.285	ug/l	99
18) Methyl Acetate	4.473	43	210168	103.579	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	532466	102.617	ug/l	99
20) Methylene Chloride	4.710	84	216592	103.141	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	206944	98.117	ug/l	96
22) Diisopropyl ether	6.119	45	619954	99.680	ug/l	89
23) Vinyl Acetate	6.058	43	1719363	515.969	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	369404	98.586	ug/l	97
25) 2-Butanone	6.984	43	389160	502.431	ug/l	93
26) 2,2-Dichloropropane	6.978	77	337620	96.926	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	244716	98.797	ug/l	92
28) Bromochloromethane	7.332	49	152127	99.240	ug/l	91
29) Tetrahydrofuran	7.344	42	233638	525.727	ug/l	91
30) Chloroform	7.502	83	386297	97.594	ug/l	97
31) Cyclohexane	7.783	56	314155	94.313	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	348880	98.264	ug/l	98
36) 1,1-Dichloropropene	7.917	75	294755	98.482	ug/l	99
37) Ethyl Acetate	7.070	43	157926	102.945	ug/l #	94
38) Carbon Tetrachloride	7.899	117	317247	100.235	ug/l	99
39) Methylcyclohexane	9.185	83	370804	101.697	ug/l	91
40) Benzene	8.161	78	840680	99.210	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	88419	110.130	ug/l #	90
42) 1,2-Dichloroethane	8.234	62	243892	99.609	ug/l	93
43) Isopropyl Acetate	8.271	43	299469	104.405	ug/l #	92
44) Trichloroethene	8.941	130	232893	98.427	ug/l	96
45) 1,2-Dichloropropane	9.216	63	211787	98.751	ug/l	96
46) Dibromomethane	9.307	93	127263	101.202	ug/l	96
47) Bromodichloromethane	9.496	83	303628	99.837	ug/l	100
48) Methyl methacrylate	9.295	41	140609	106.406	ug/l	86
49) 1,4-Dioxane	9.295	88	33000	2097.488	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	798610	527.653	ug/l	90
52) Toluene	10.246	92	541622	99.538	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	321856	103.494	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	358620	101.969	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	176215	98.626	ug/l	100
56) Ethyl methacrylate	10.508	69	247560	107.813	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	303363	101.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	593140	518.881	ug/l	94
59) 2-Hexanone	10.831	43	585805	525.431	ug/l	88
60) Dibromochloromethane	10.984	129	222324	101.613	ug/l	99
61) 1,2-Dibromoethane	11.087	107	173642	101.494	ug/l	99
64) Tetrachloroethene	10.721	164	200520	99.545	ug/l	96
65) Chlorobenzene	11.514	112	589306	98.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	223132	99.883	ug/l	98
67) Ethyl Benzene	11.593	91	1070336	100.738	ug/l	98
68) m/p-Xylenes	11.703	106	829606	201.764	ug/l	94
69) o-Xylene	12.032	106	398114	101.136	ug/l	96
70) Styrene	12.044	104	674820	102.843	ug/l	96
71) Bromoform	12.209	173	141987	104.343	ug/l #	99
73) Isopropylbenzene	12.331	105	1056953	99.536	ug/l	100
74) N-amyl acetate	12.142	43	276737	106.879	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	218739	100.771	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	274610	177.046	ug/l #	100
77) Bromobenzene	12.611	156	246859	99.610	ug/l	98
78) n-propylbenzene	12.672	91	1279748	99.534	ug/l	99
79) 2-Chlorotoluene	12.758	91	708366	98.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	878870	99.687	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	75784	106.906	ug/l	92
82) 4-Chlorotoluene	12.855	91	733951	98.283	ug/l	100
83) tert-Butylbenzene	13.075	119	781545	99.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	868161	99.706	ug/l	98
85) sec-Butylbenzene	13.251	105	1165865	99.886	ug/l	100
86) p-Isopropyltoluene	13.367	119	974437	100.051	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	486847	97.288	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	480405	97.136	ug/l	99
89) n-Butylbenzene	13.696	91	914517	100.660	ug/l	96
90) Hexachloroethane	13.959	117	189632	100.008	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	435136	98.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35038	102.817	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	280874	102.469	ug/l	99
94) Hexachlorobutadiene	15.111	225	157065	98.727	ug/l	98
95) Naphthalene	15.233	128	582415	108.949	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	244145	103.284	ug/l	99

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Fri Oct 27 03:53:49 2023
Response via : Initial Calibration

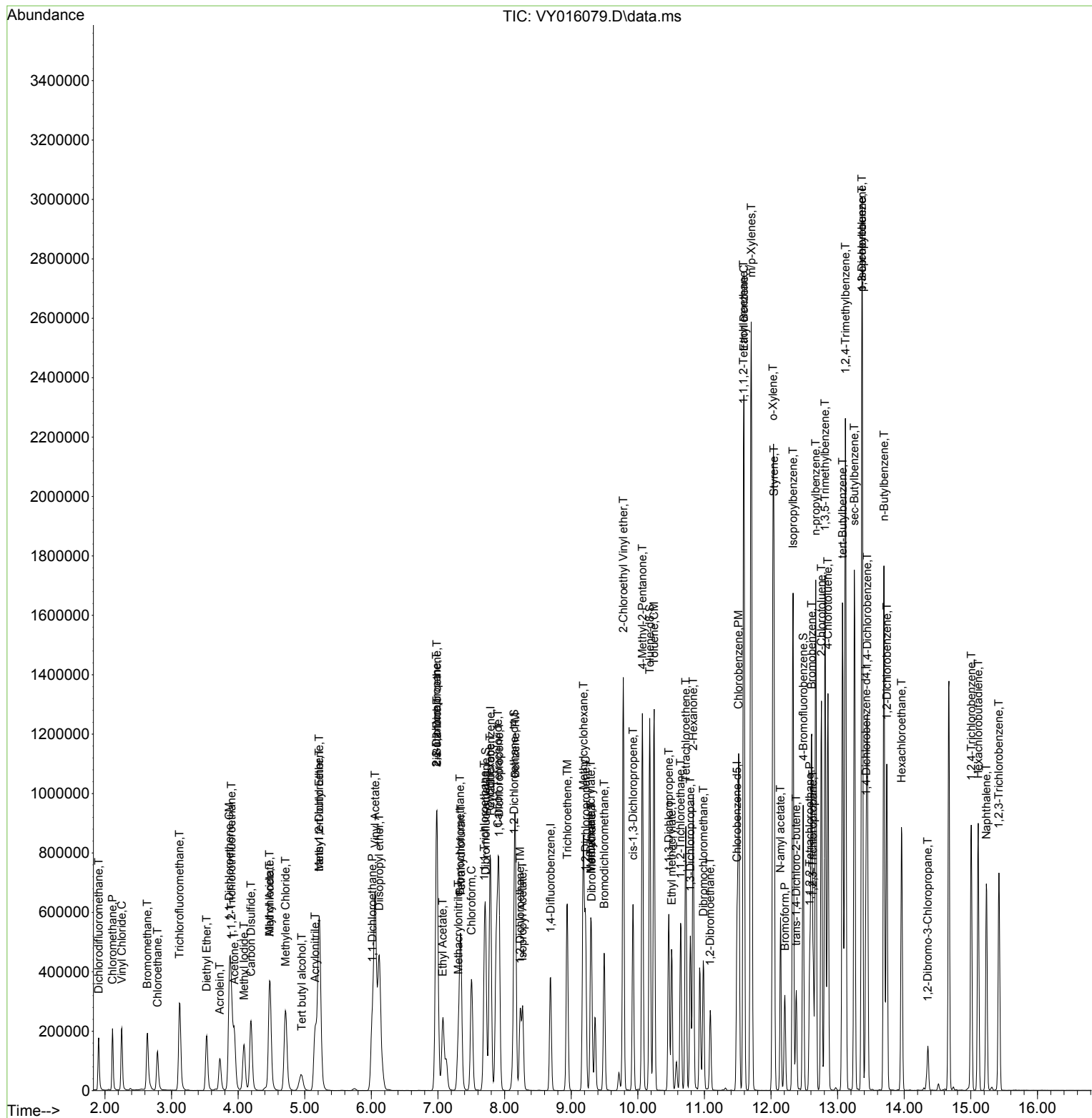
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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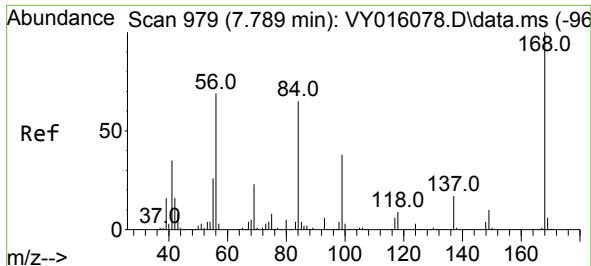
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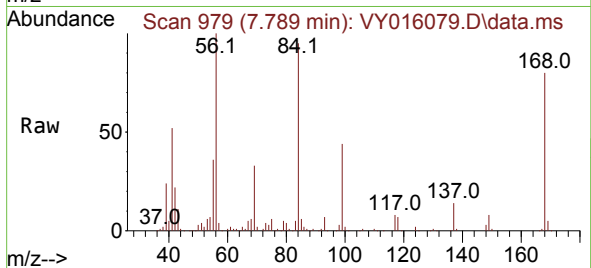
Quant Time: Oct 27 03:58:40 2023
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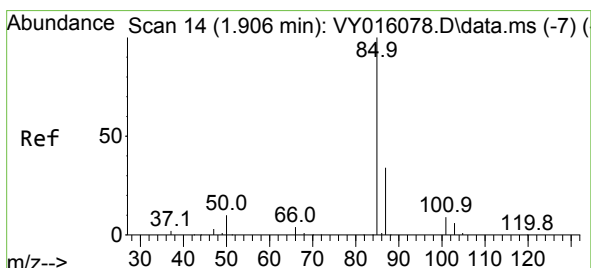
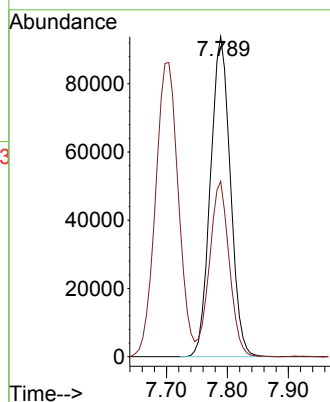
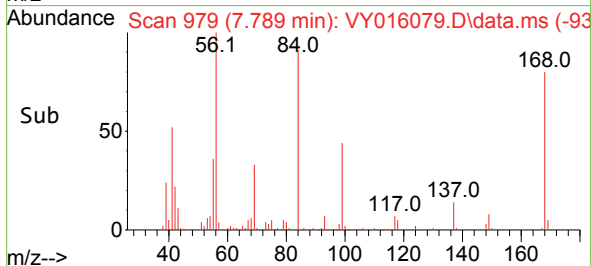


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016079.D
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MSVOA_Y
ClientSampleId :

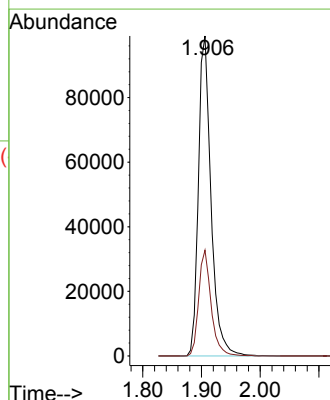
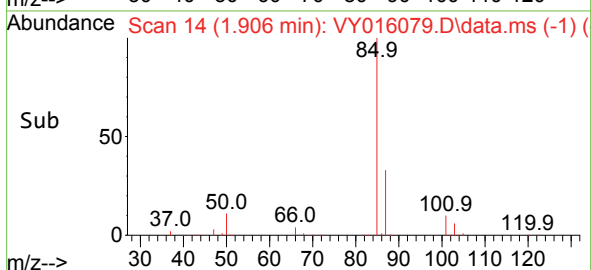
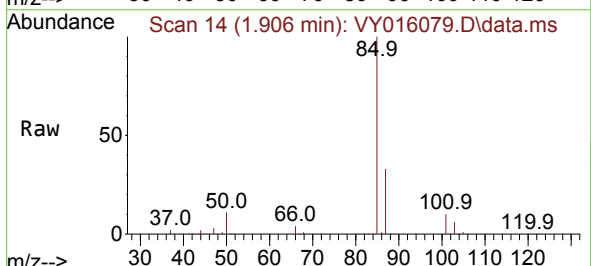


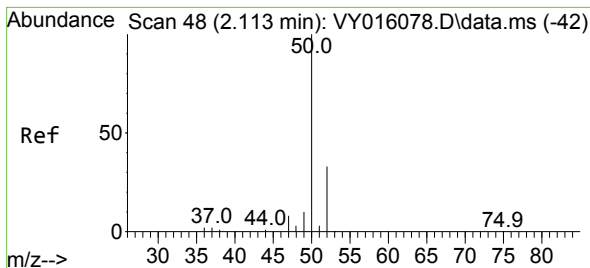
Tgt Ion:168 Resp: 212932
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 100.373 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 85 Resp: 147501
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8





#3

Chloromethane

Concen: 98.446 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

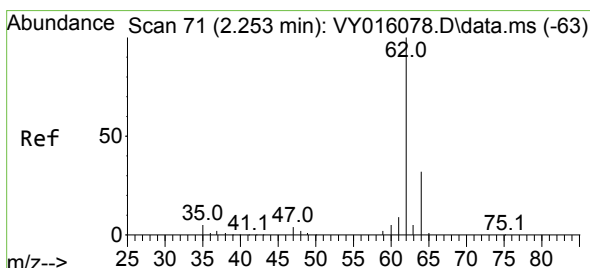
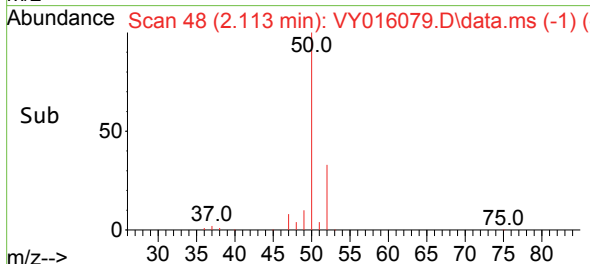
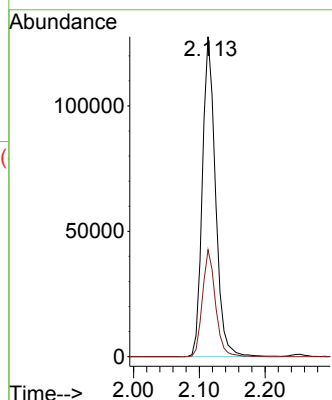
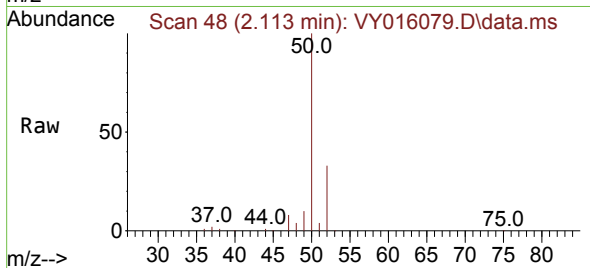
ClientSampleId :

Tgt Ion: 50 Resp: 177275

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 100.333 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY016079.D

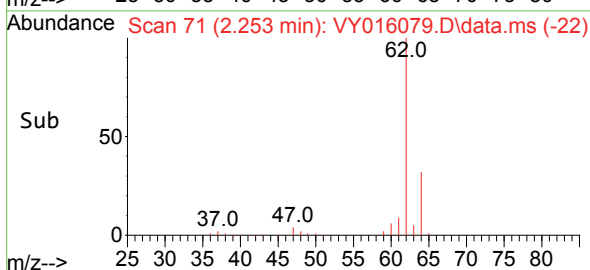
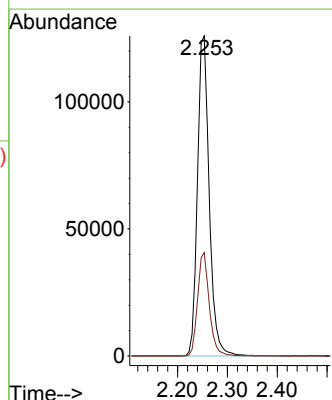
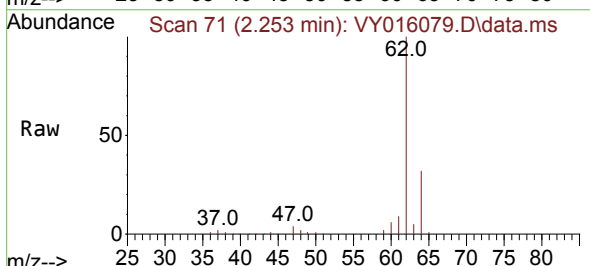
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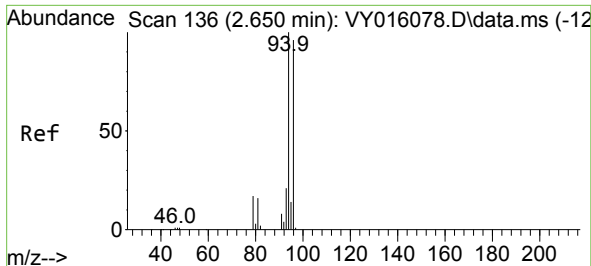
Tgt Ion: 62 Resp: 206402

Ion Ratio Lower Upper

62 100

64 32.3 24.3 36.5





#5

Bromomethane

Concen: 97.858 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.012 min

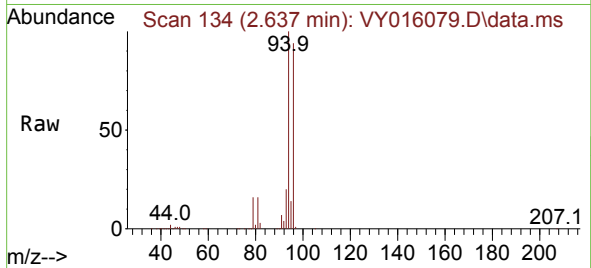
Lab File: VY016079.D

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Instrument :

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ClientSampleId :

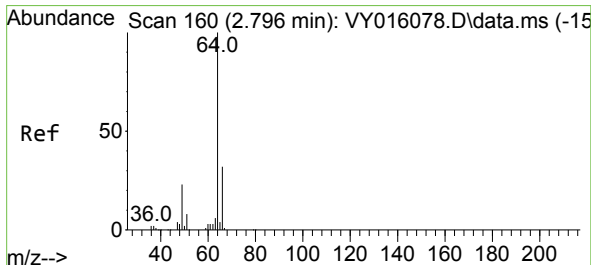
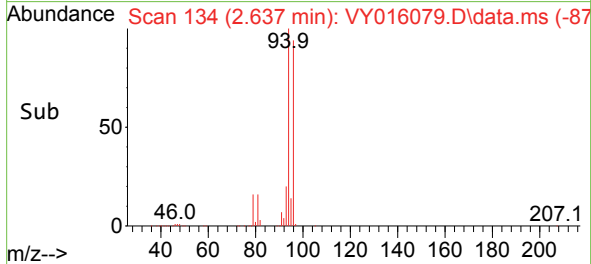
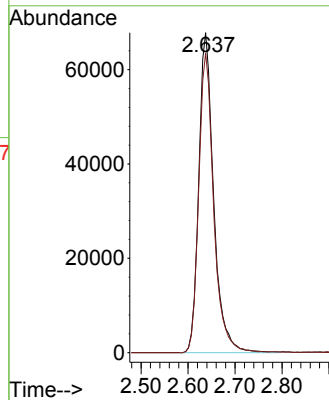


Tgt Ion: 94 Resp: 149631

Ion Ratio Lower Upper

94 100

96 93.7 75.8 113.6



#6

Chloroethane

Concen: 98.866 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY016079.D

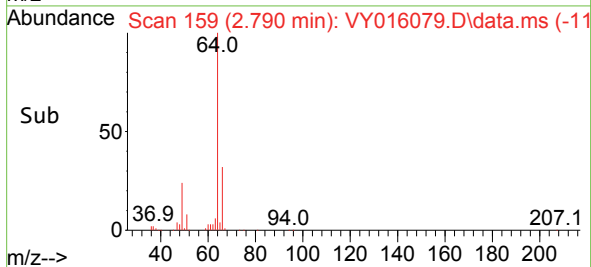
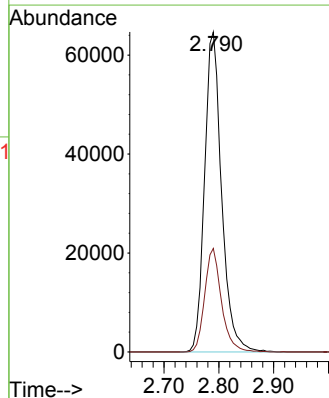
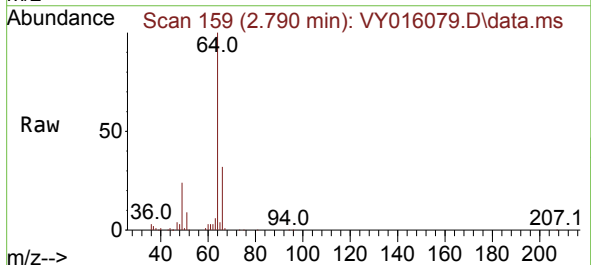
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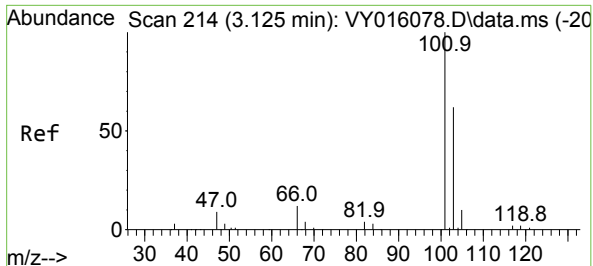
Tgt Ion: 64 Resp: 139310

Ion Ratio Lower Upper

64 100

66 32.3 24.4 36.6

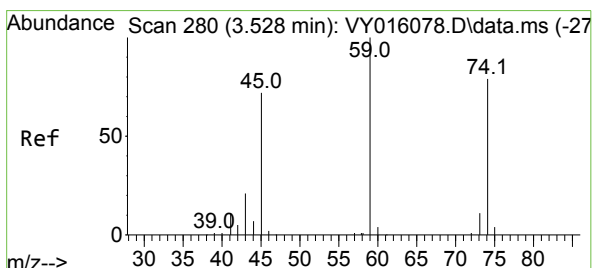
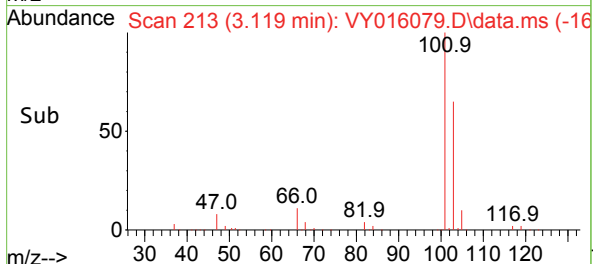
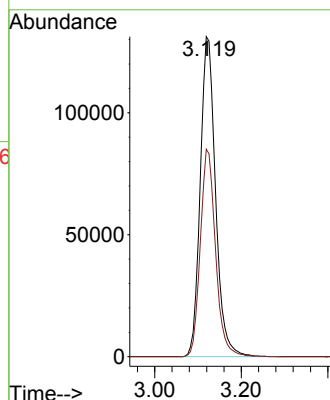
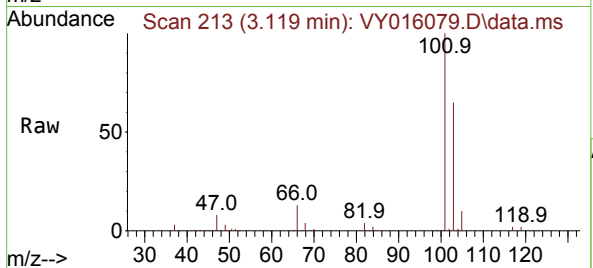




#7
Trichlorofluoromethane
Concen: 97.816 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

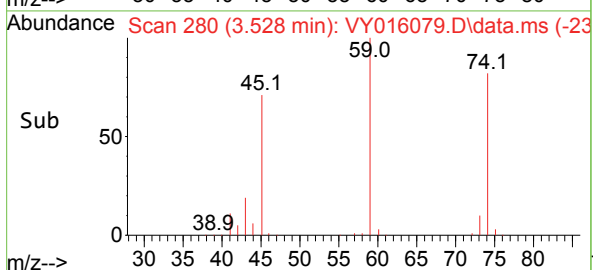
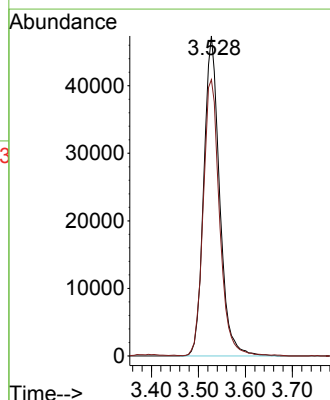
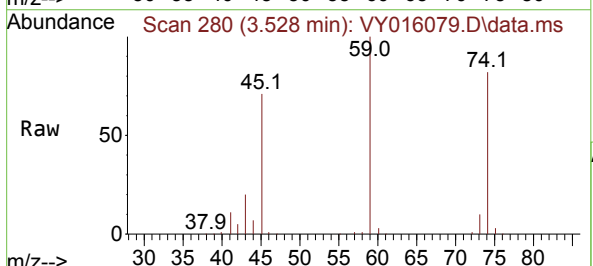
Instrument :
MSVOA_Y
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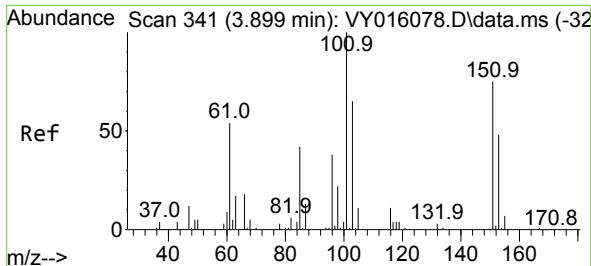
Tgt Ion:101 Resp: 322017
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 100.007 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 74 Resp: 110348
Ion Ratio Lower Upper
74 100
45 89.0 51.5 154.5

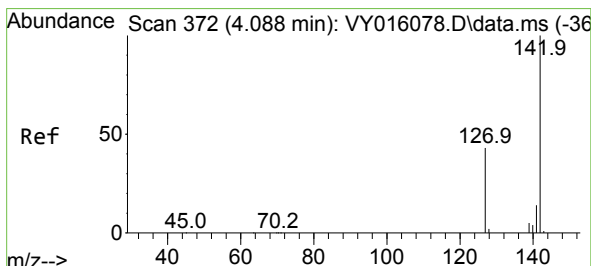
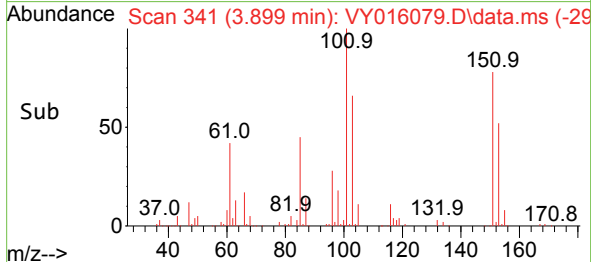
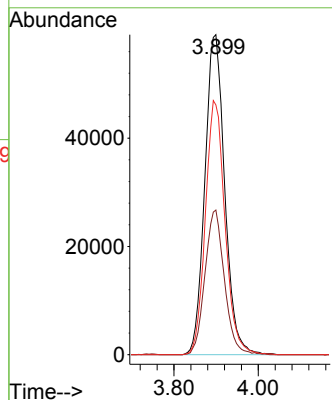
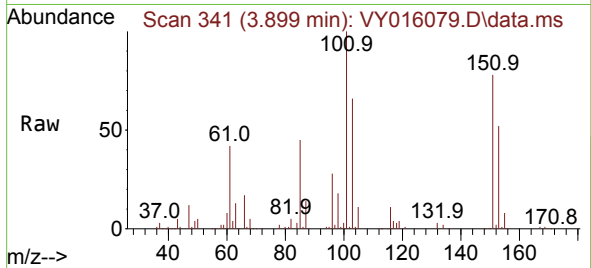




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.649 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

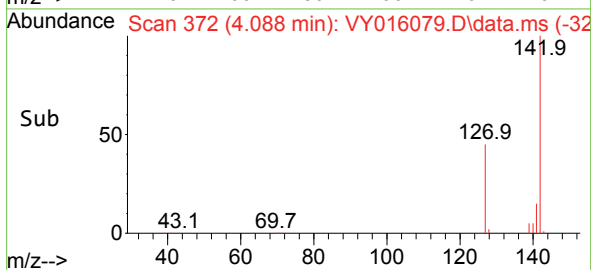
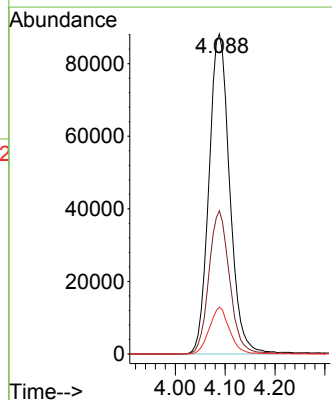
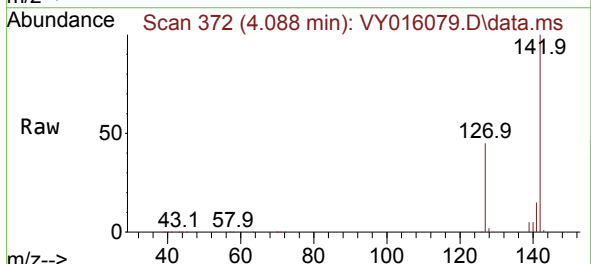
Instrument :
MSVOA_Y
ClientSampleId :

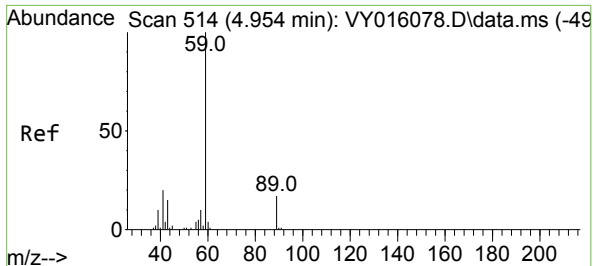
Tgt Ion:101 Resp: 193928
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 100.407 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion:142 Resp: 254788
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.2 11.8 17.8

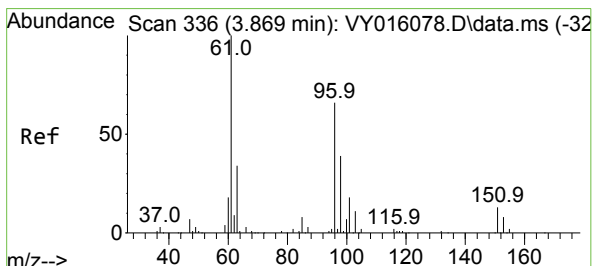
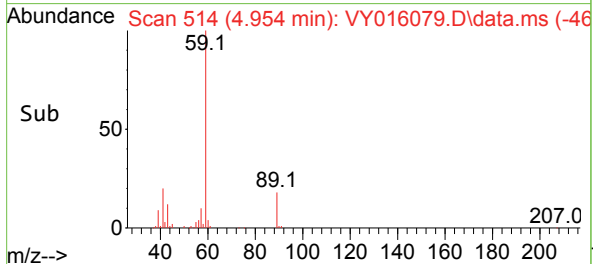
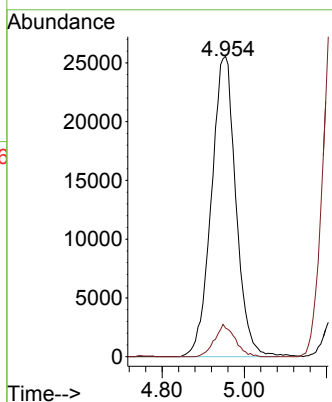
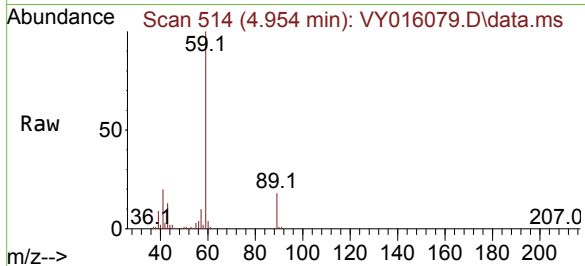




#11
Tert butyl alcohol
Concen: 521.477 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

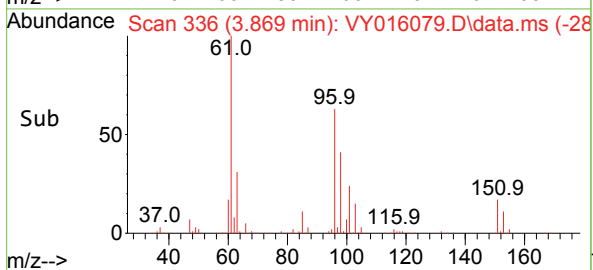
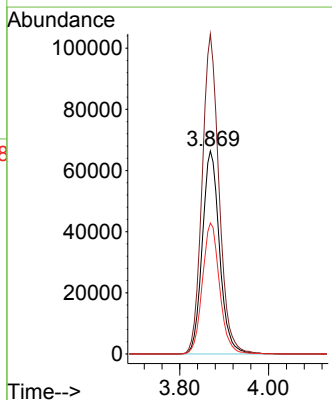
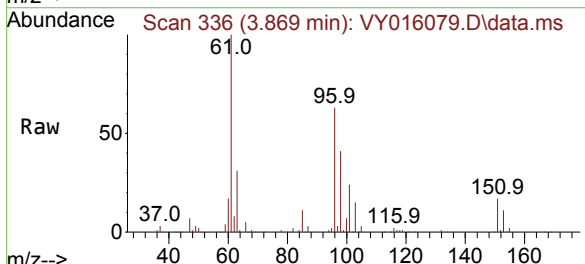
Instrument :
MSVOA_Y
ClientSampleId :

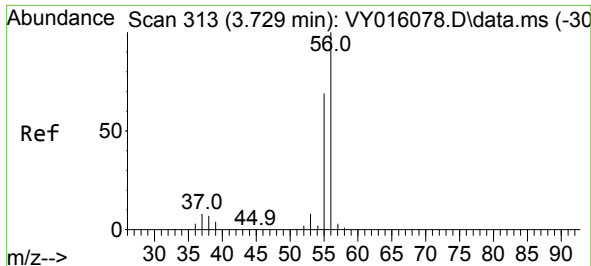
Tgt Ion: 59 Resp: 105725
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 98.455 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 96 Resp: 179141
Ion Ratio Lower Upper
96 100
61 157.6 136.4 204.6
98 64.5 49.4 74.2





#13

Acrolein

Concen: 498.845 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

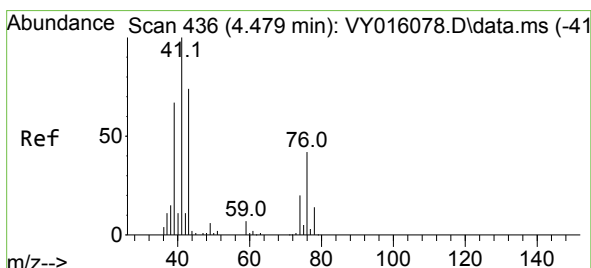
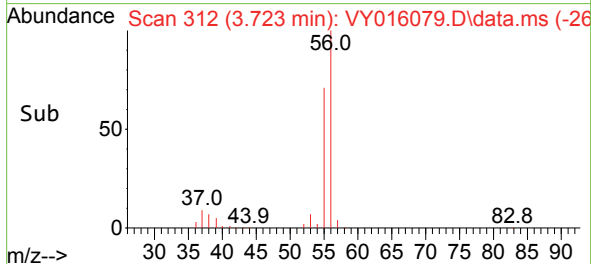
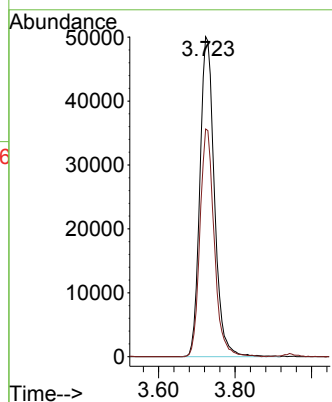
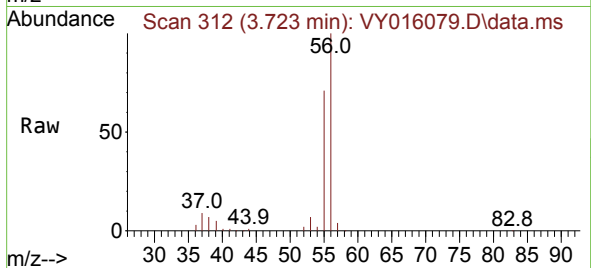
ClientSampleId :

Tgt Ion: 56 Resp: 131551

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 99.952 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

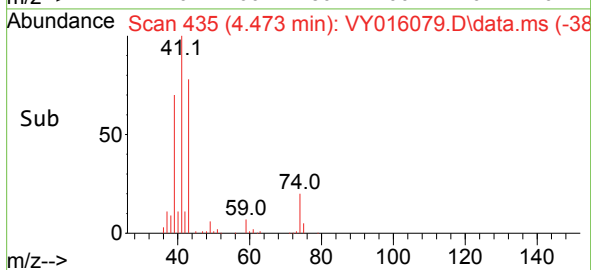
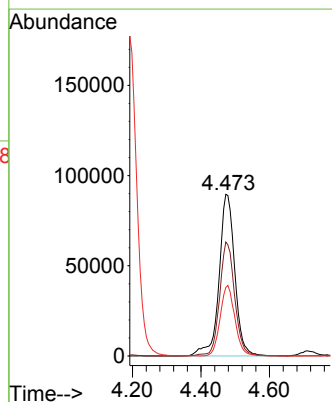
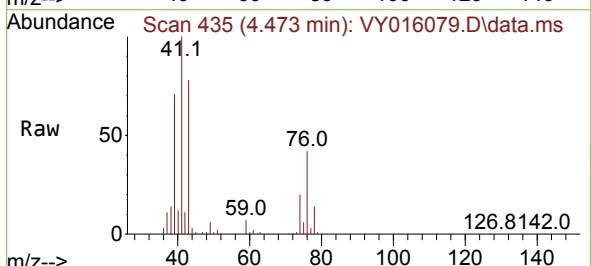
Tgt Ion: 41 Resp: 284293

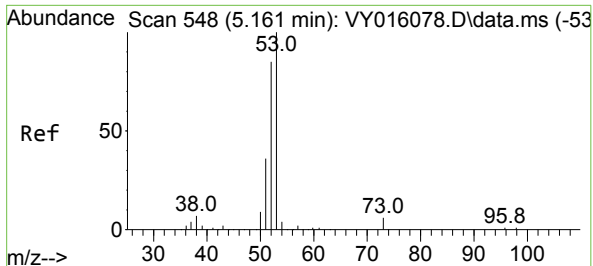
Ion Ratio Lower Upper

41 100

39 67.7 58.0 87.0

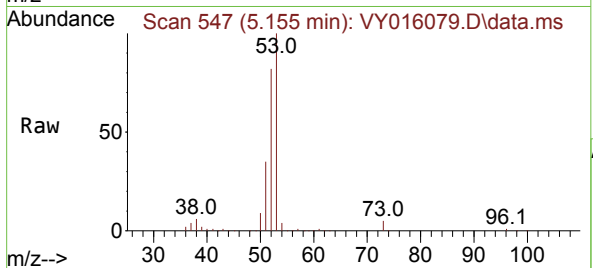
76 40.8 27.4 41.2



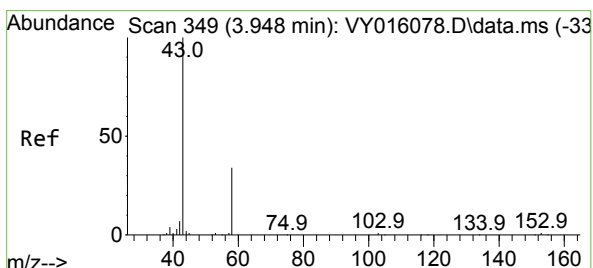
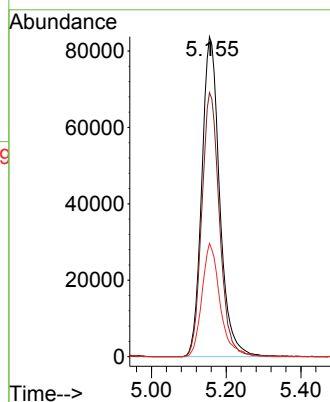
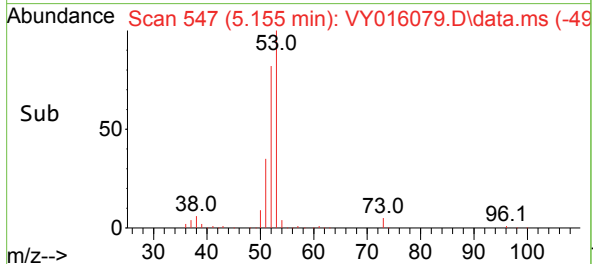


#15
Acrylonitrile
Concen: 513.552 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

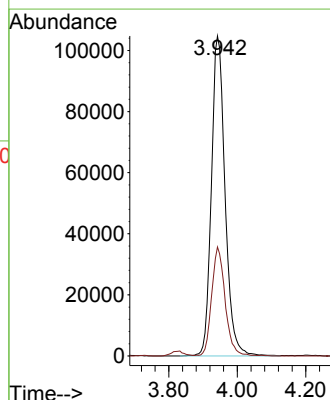
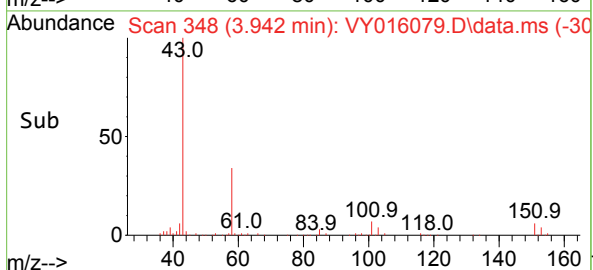
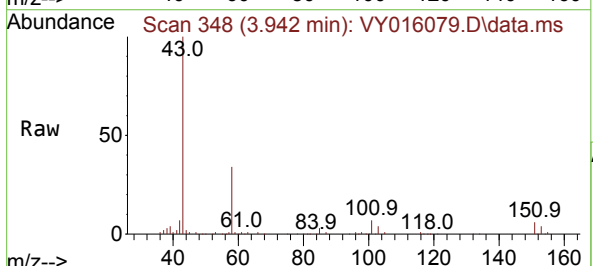


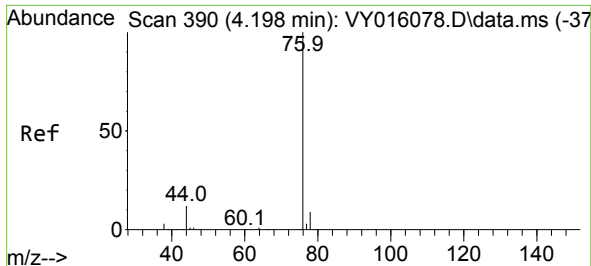
Tgt Ion: 53 Resp: 277984
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 506.751 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 43 Resp: 290820
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1

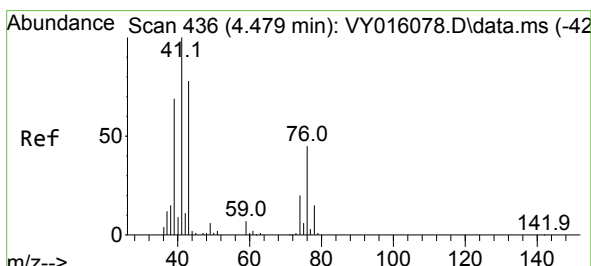
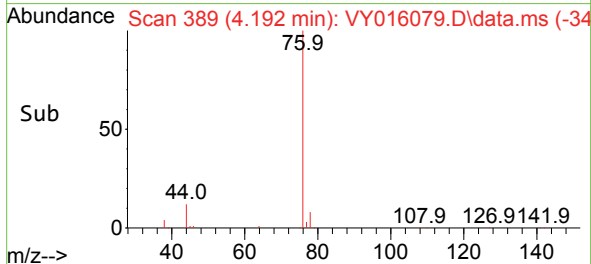
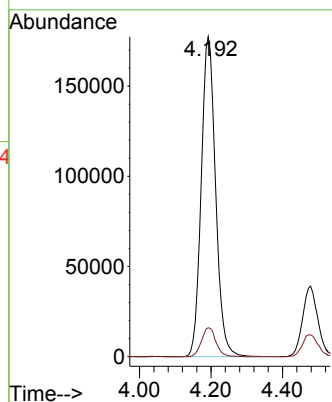
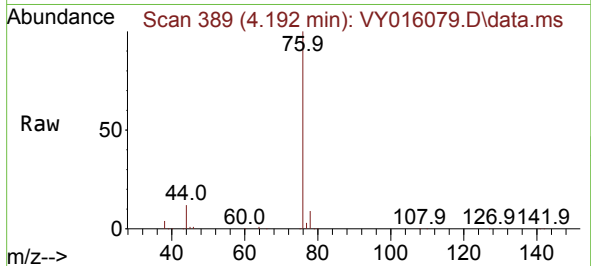




#17
Carbon Disulfide
Concen: 98.285 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

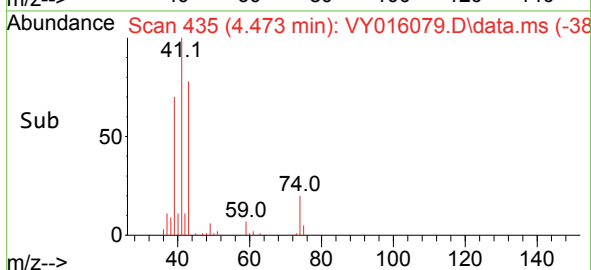
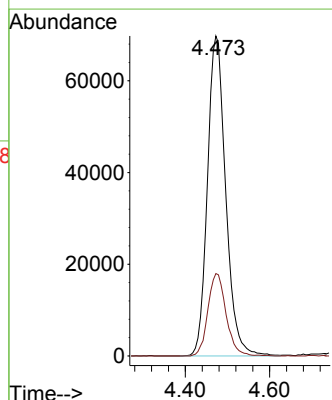
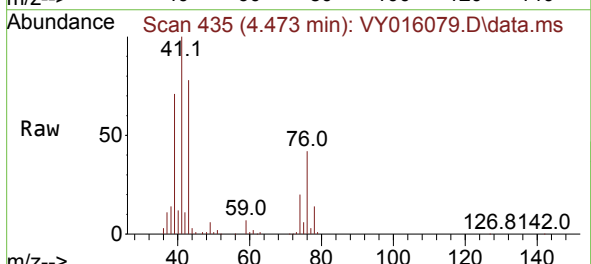
Instrument :
MSVOA_Y
ClientSampleId :

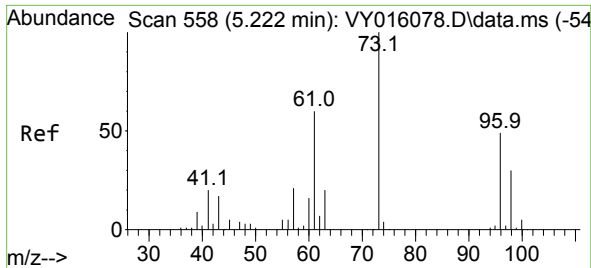
Tgt Ion: 76 Resp: 494675
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 103.579 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 43 Resp: 210168
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

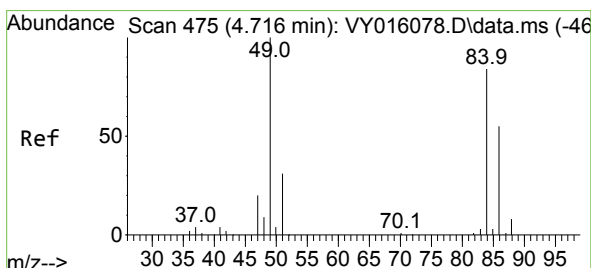
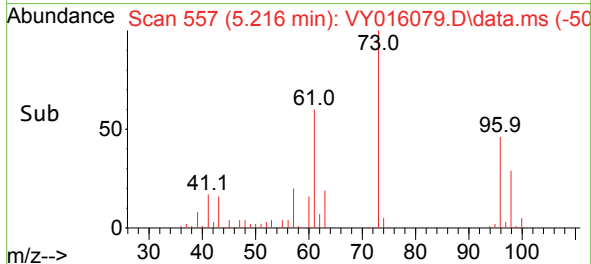
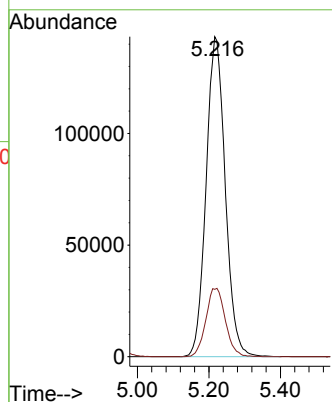
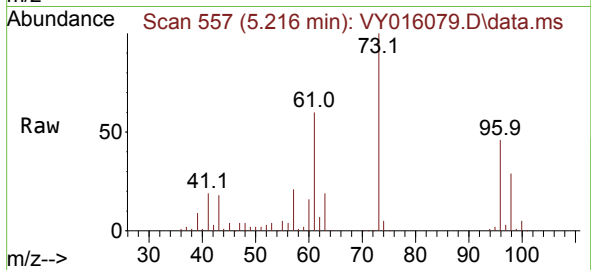




#19
Methyl tert-butyl Ether
Concen: 102.617 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

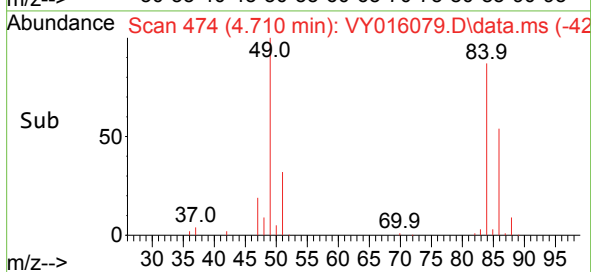
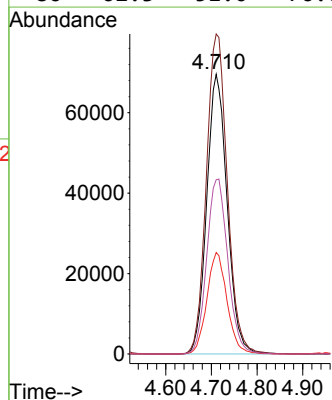
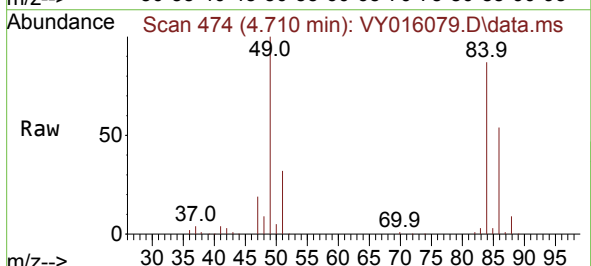
Instrument :
MSVOA_Y
ClientSampleId :

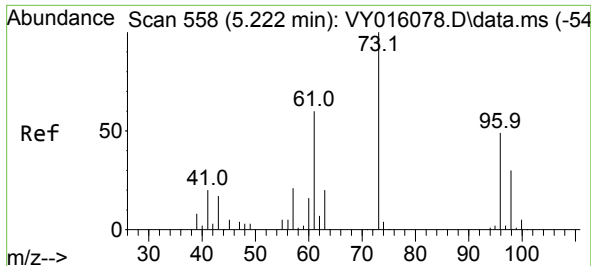
Tgt Ion: 73 Resp: 532466
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 103.141 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

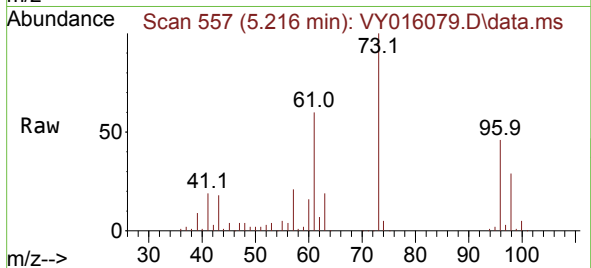
Tgt Ion: 84 Resp: 216592
Ion Ratio Lower Upper
84 100
49 114.4 106.9 160.3
51 36.3 33.2 49.8
86 62.3 51.0 76.6



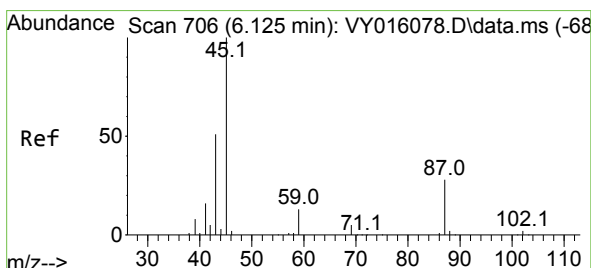
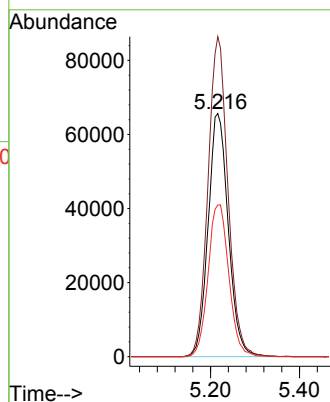
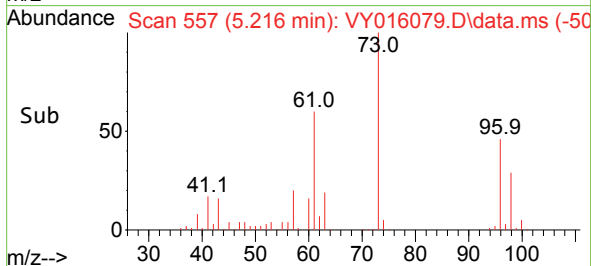


#21
trans-1,2-Dichloroethene
Concen: 98.117 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

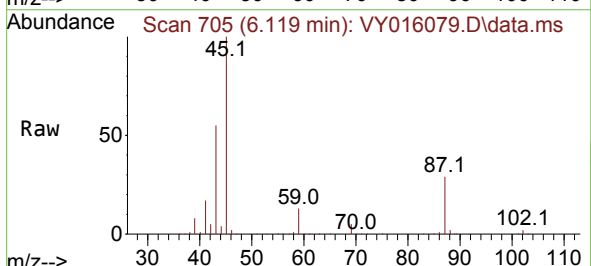
Instrument :
MSVOA_Y
ClientSampleId :



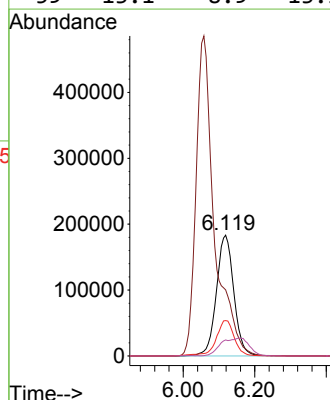
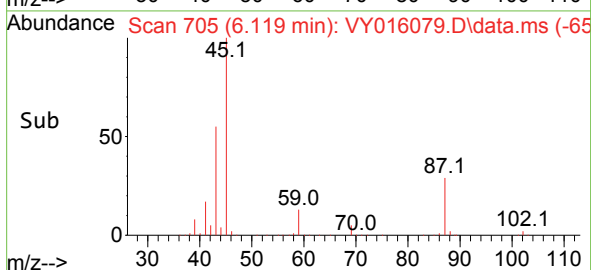
Tgt Ion: 96 Resp: 206944
Ion Ratio Lower Upper
96 100
61 131.6 110.2 165.4
98 62.4 51.8 77.6

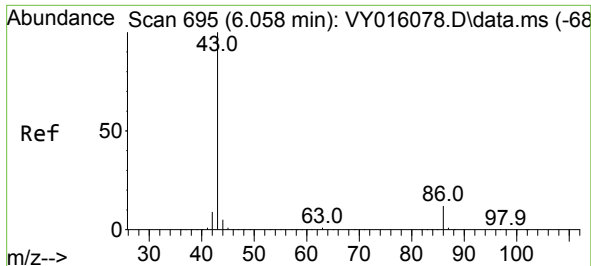


#22
Diisopropyl ether
Concen: 99.680 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26



Tgt Ion: 45 Resp: 619954
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 29.2 21.0 31.6
59 13.1 8.9 13.3

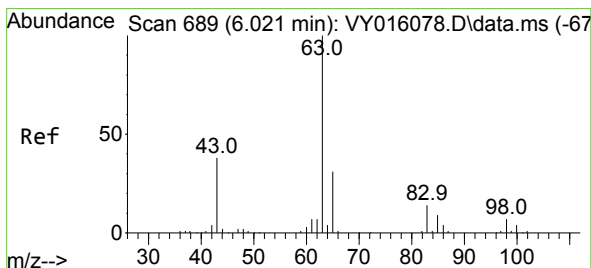
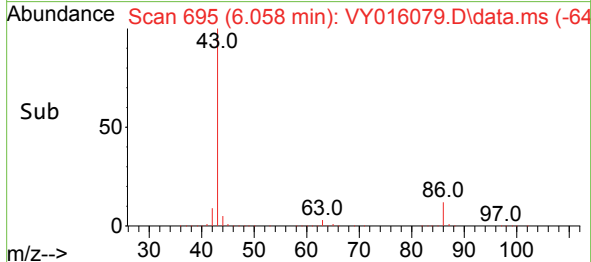
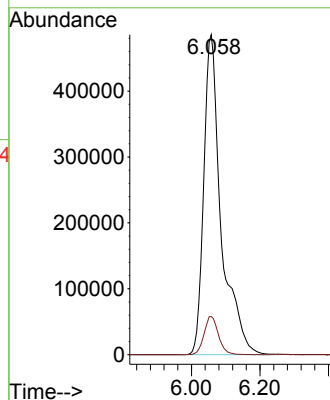
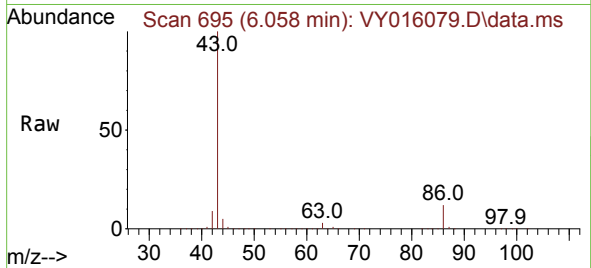




#23
 Vinyl Acetate
 Concen: 515.969 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016079.D
 Acq: 26 Oct 2023 13:26

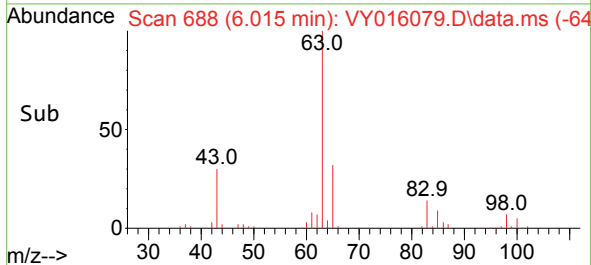
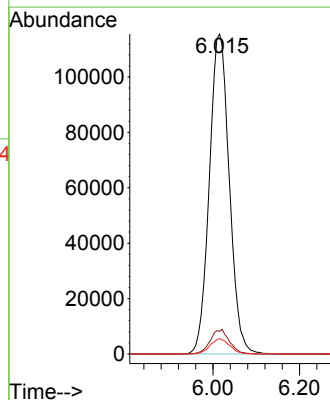
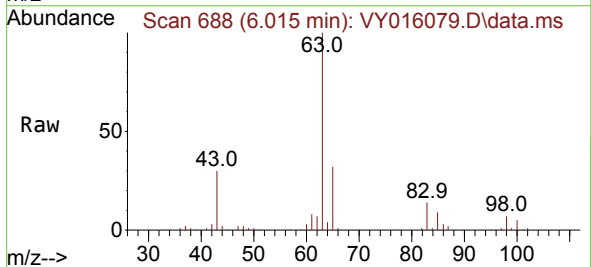
Instrument :
 MSVOA_Y
 ClientSampleId :

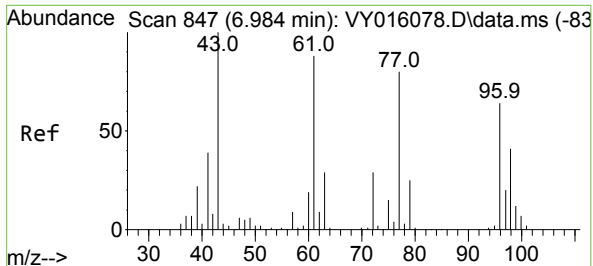
Tgt Ion: 43 Resp: 1719363
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 98.586 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016079.D
 Acq: 26 Oct 2023 13:26

Tgt Ion: 63 Resp: 369404
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 502.431 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

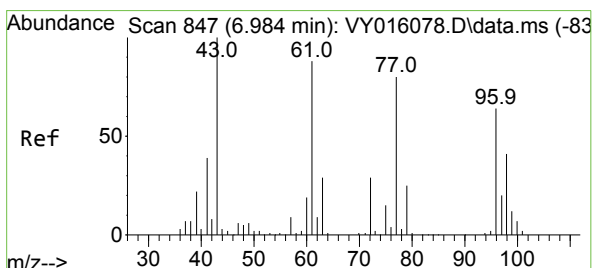
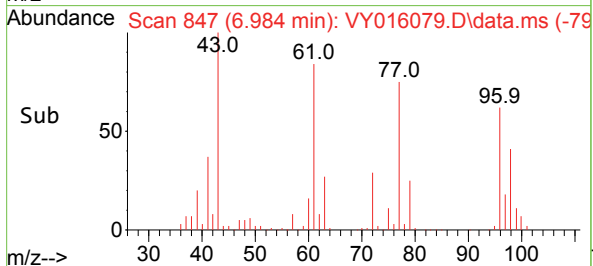
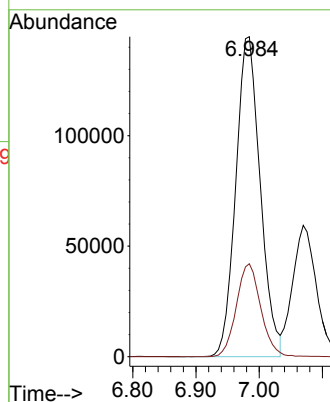
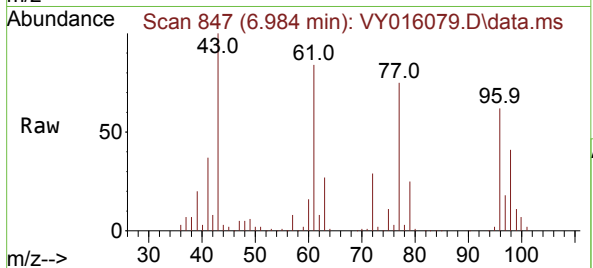
ClientSampleId :

Tgt Ion: 43 Resp: 389160

Ion Ratio Lower Upper

43 100

72 29.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 96.926 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016079.D

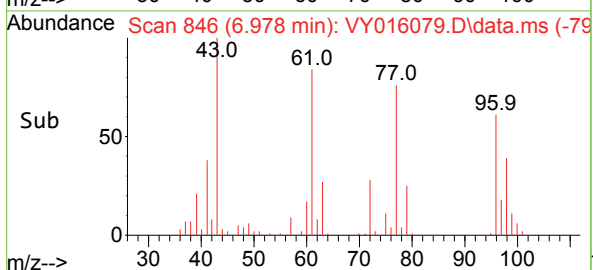
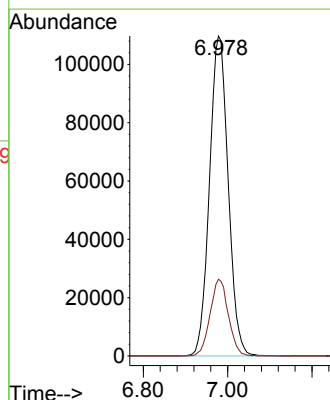
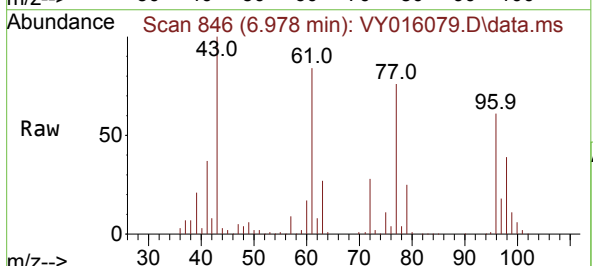
Acq: 26 Oct 2023 13:26

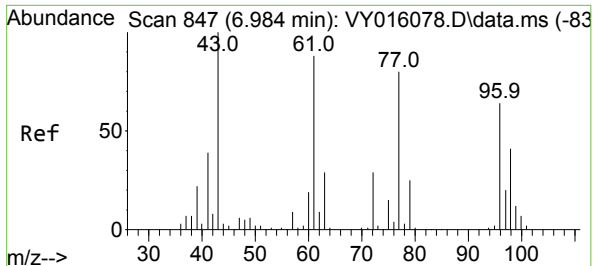
Tgt Ion: 77 Resp: 337620

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 98.797 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

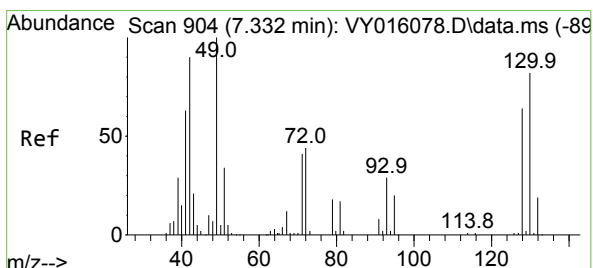
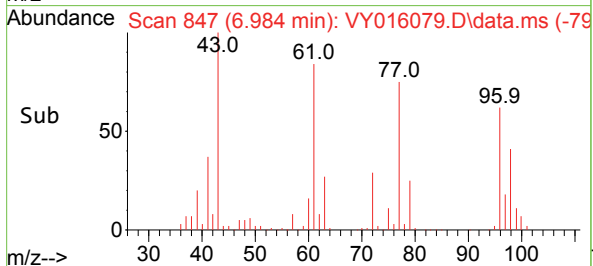
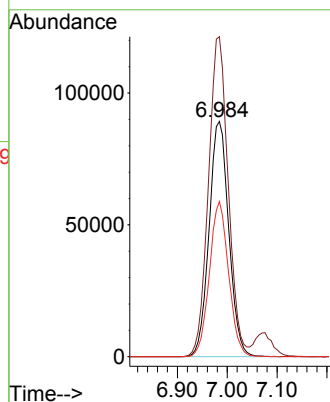
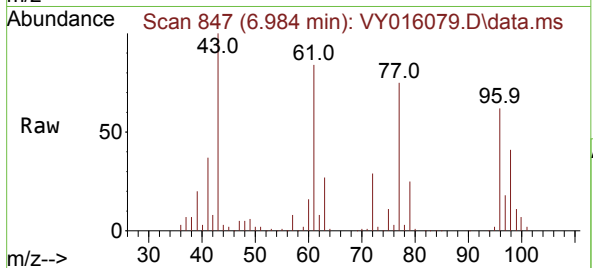
Tgt Ion: 96 Resp: 244716

Ion Ratio Lower Upper

96 100

61 136.5 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 99.240 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

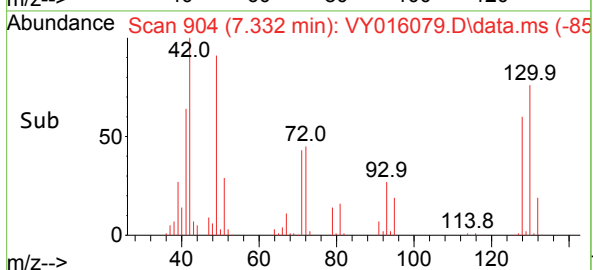
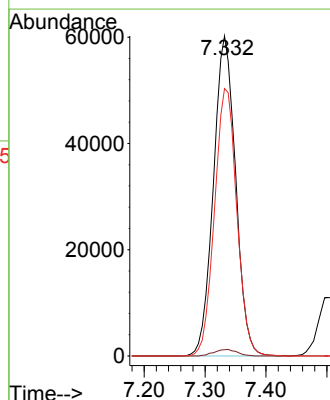
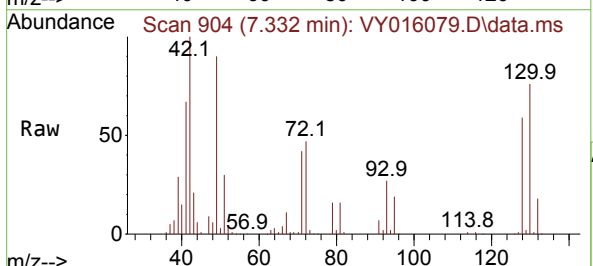
Tgt Ion: 49 Resp: 152127

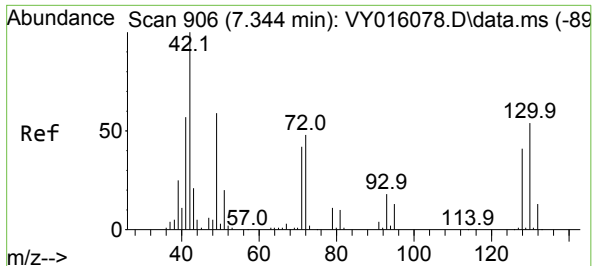
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 525.727 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

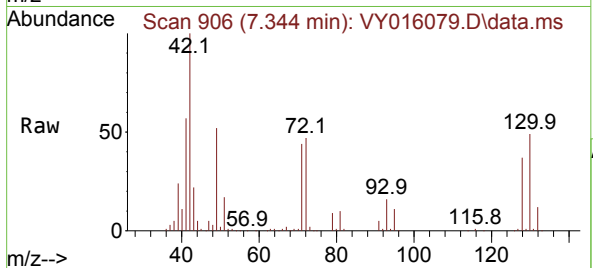
Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :



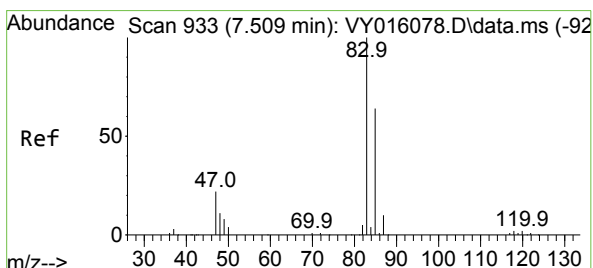
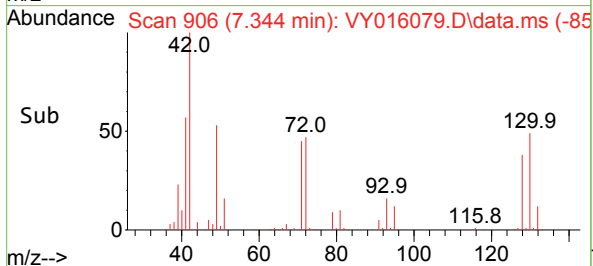
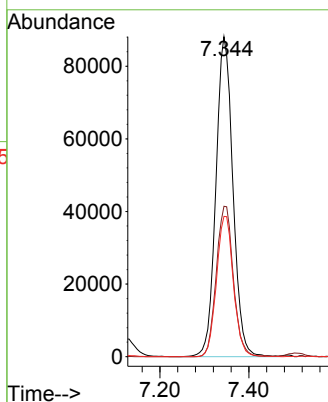
Tgt Ion: 42 Resp: 233638

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 97.594 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016079.D

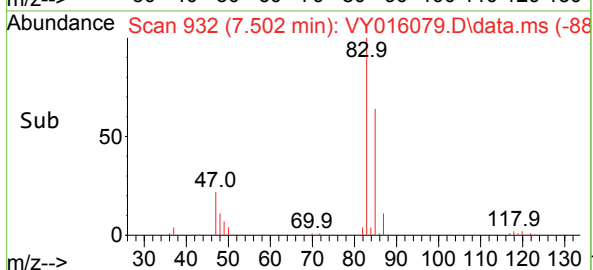
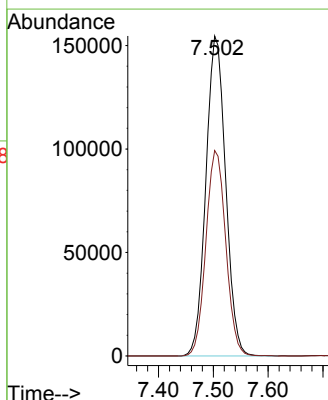
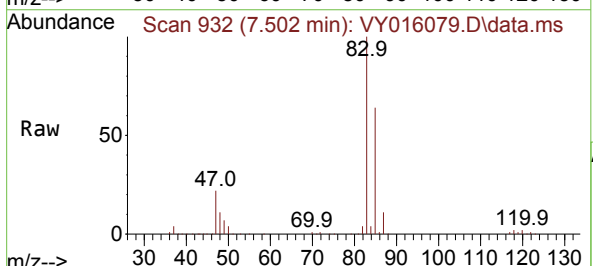
Acq: 26 Oct 2023 13:26

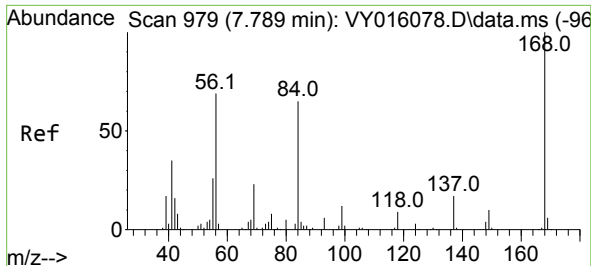
Tgt Ion: 83 Resp: 386297

Ion Ratio Lower Upper

83 100

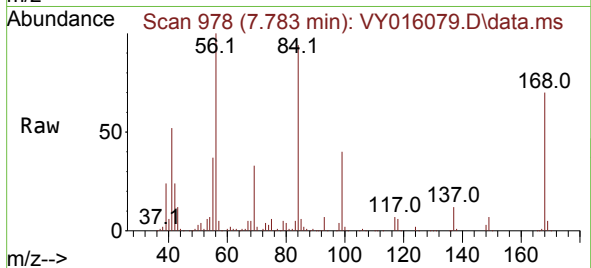
85 64.2 49.7 74.5



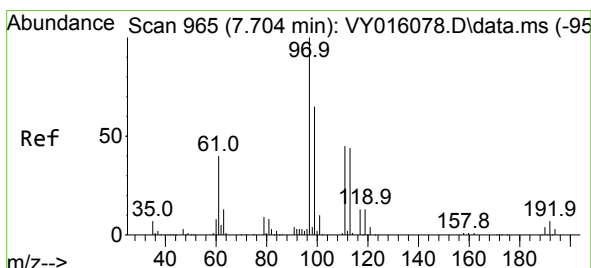
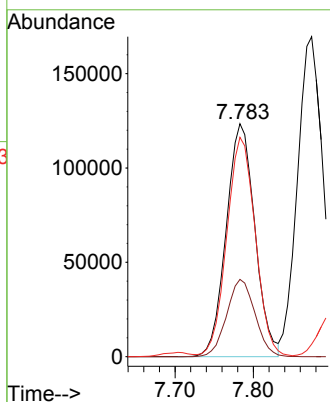
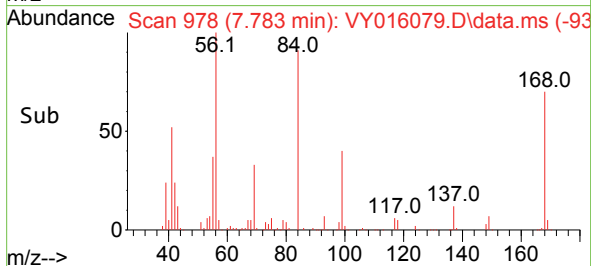


#31
Cyclohexane
Concen: 94.313 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

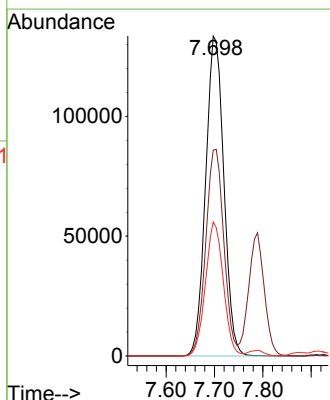
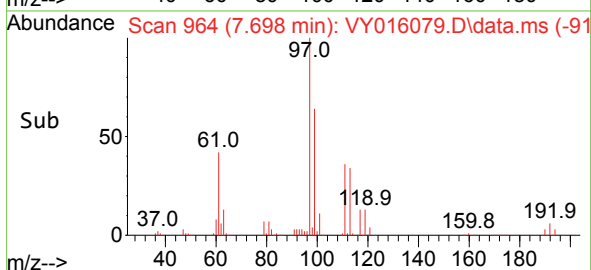
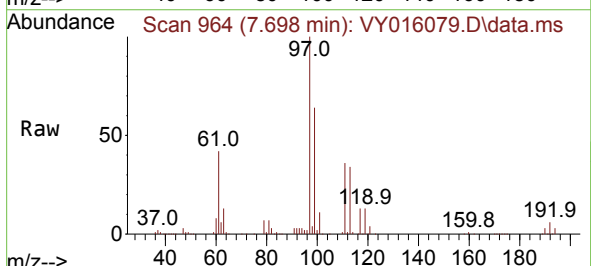


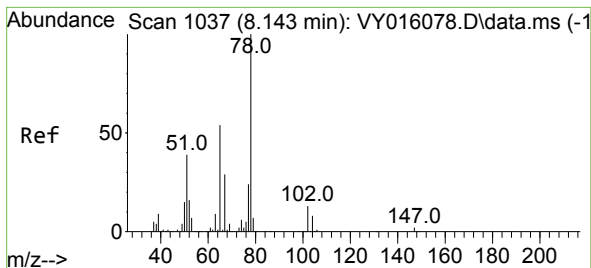
Tgt Ion: 56 Resp: 314155
Ion Ratio Lower Upper
56 100
69 33.2 27.8 41.6
84 92.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 98.264 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 97 Resp: 348880
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 101.512 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

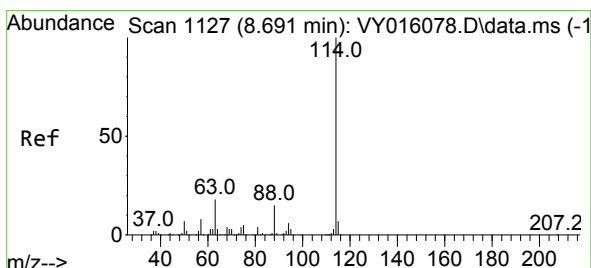
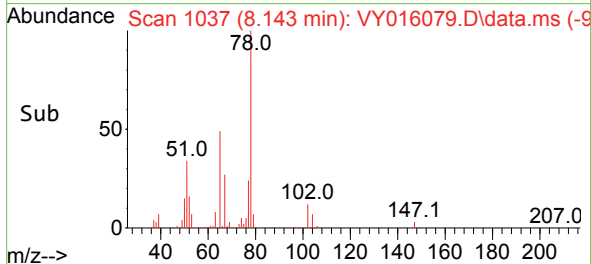
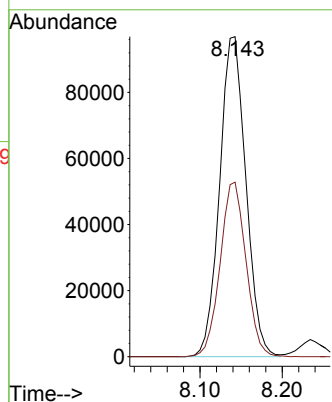
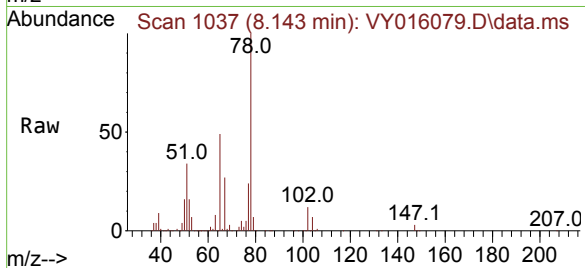
ClientSampleId :

Tgt Ion: 65 Resp: 214932

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

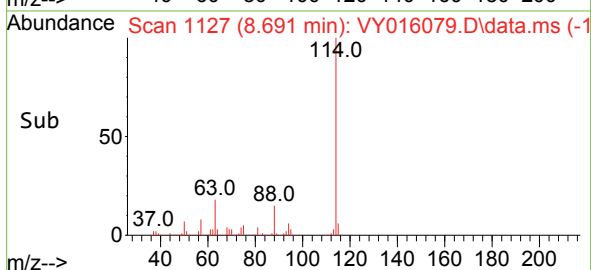
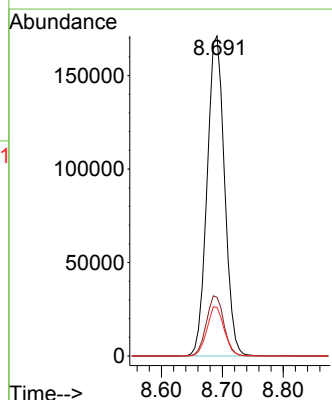
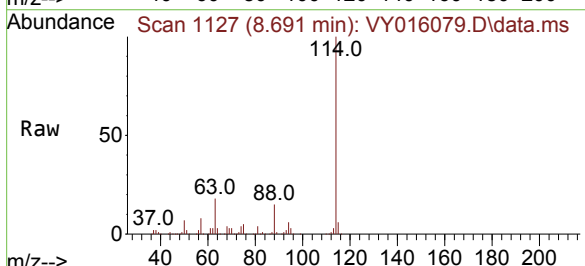
Tgt Ion: 114 Resp: 340118

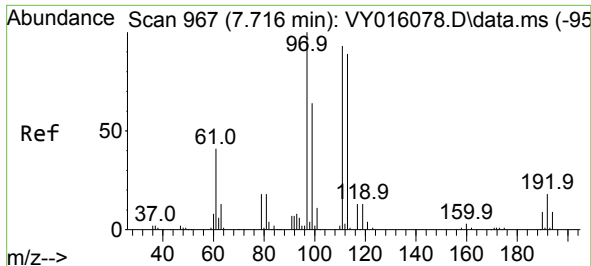
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

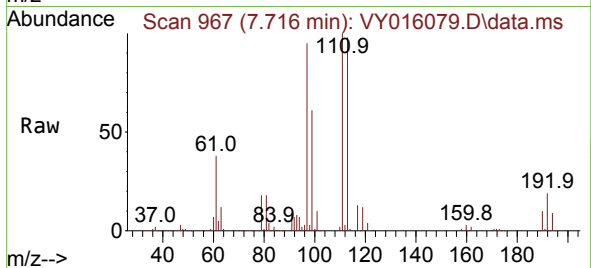
88 15.2 0.0 30.6



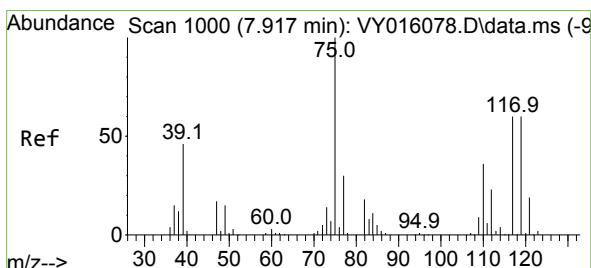
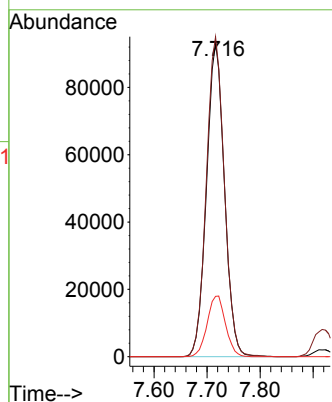
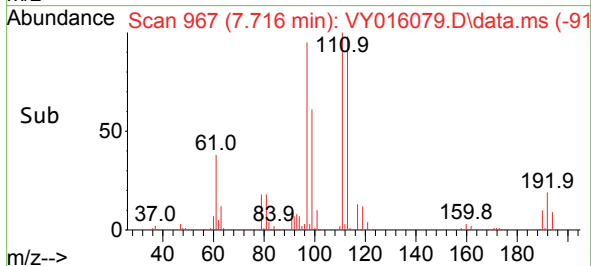


#35
Dibromofluoromethane
Concen: 101.799 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

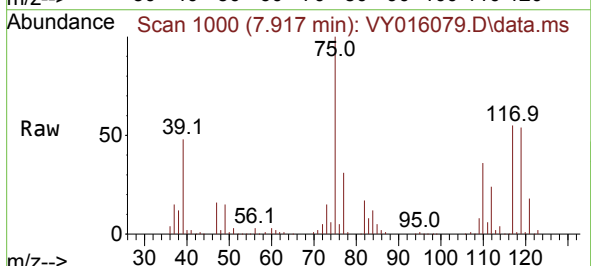
Instrument :
MSVOA_Y
ClientSampleId :



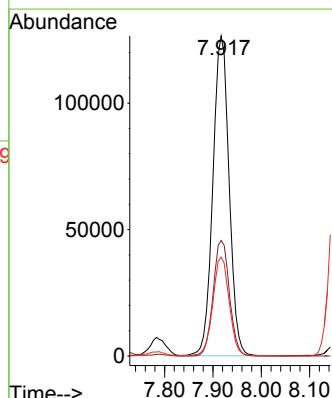
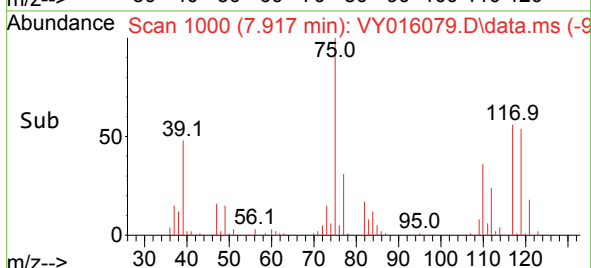
Tgt Ion:113 Resp: 218577
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.8 16.9 25.3

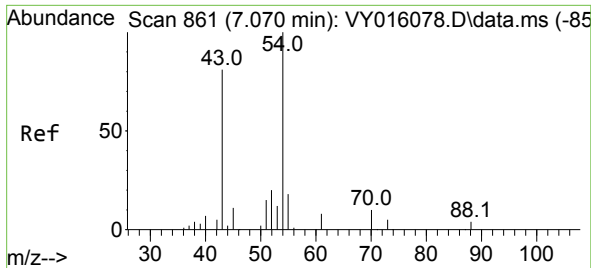


#36
1,1-Dichloropropene
Concen: 98.482 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26



Tgt Ion: 75 Resp: 294755
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.3 24.4 36.6

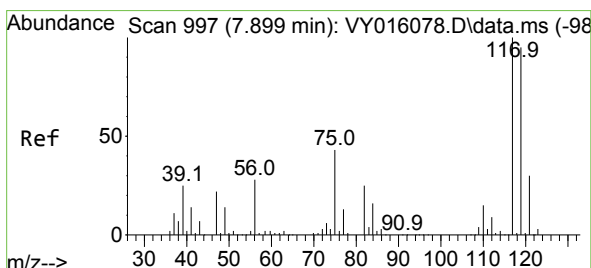
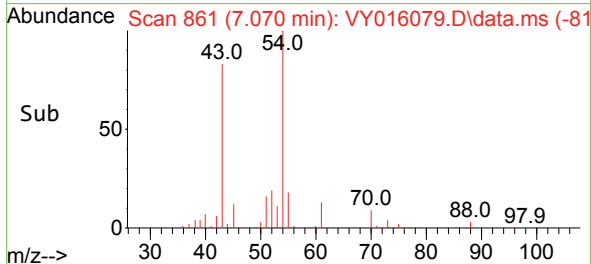
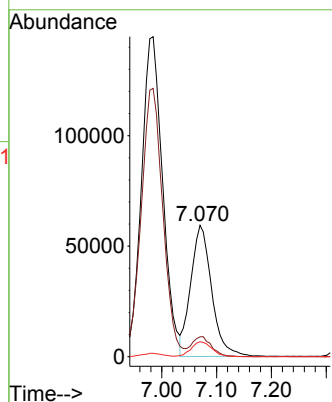
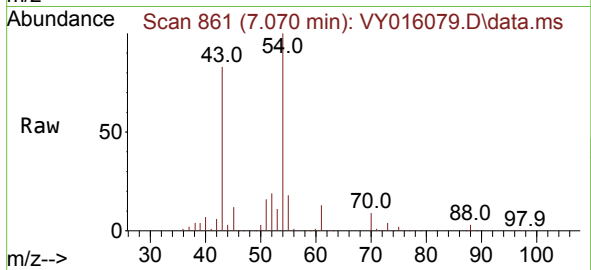




#37
Ethyl Acetate
Concen: 102.945 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

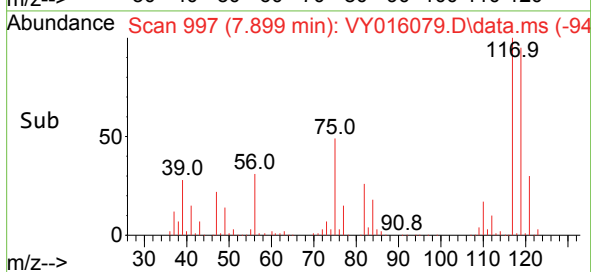
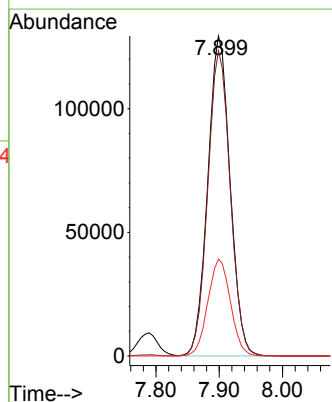
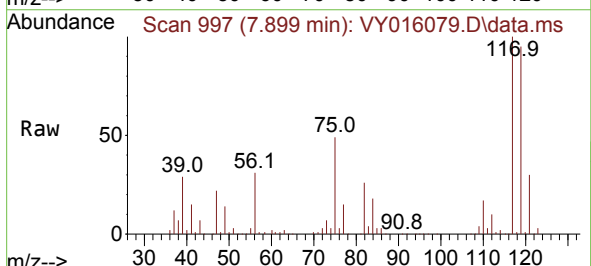
Instrument :
MSVOA_Y
ClientSampleId :

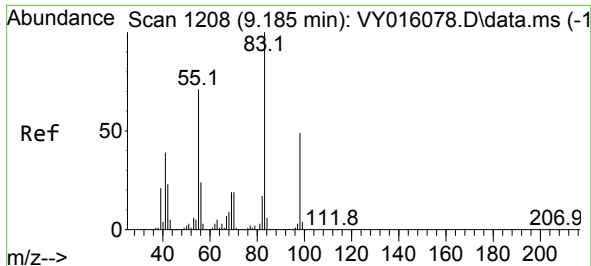
Tgt Ion: 43 Resp: 157926
Ion Ratio Lower Upper
43 100
61 14.9 10.1 15.1
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 100.235 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 117 Resp: 317247
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6
121 30.3 25.8 38.6

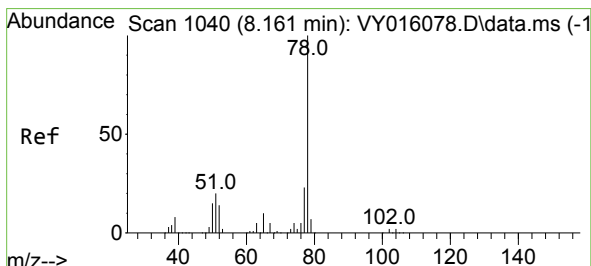
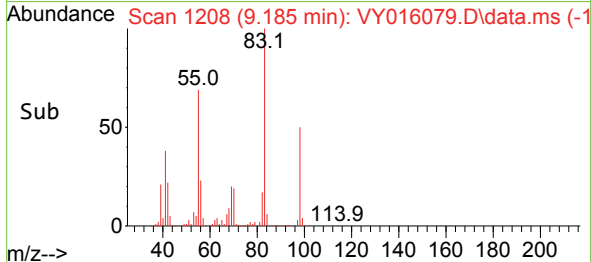
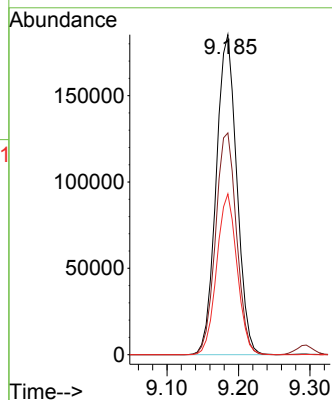
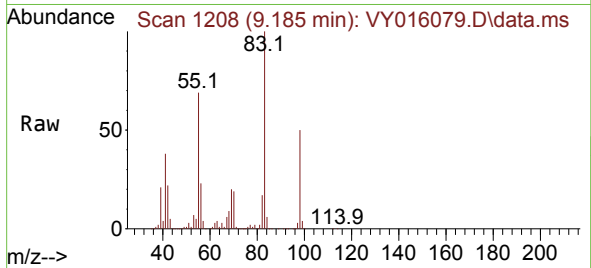




#39
Methylcyclohexane
Concen: 101.697 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

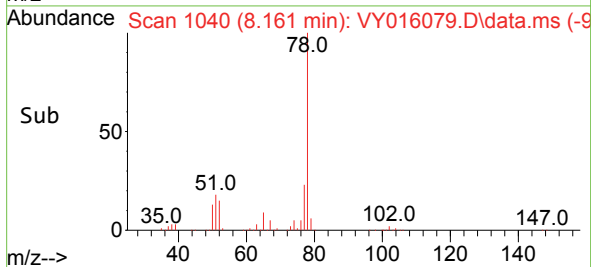
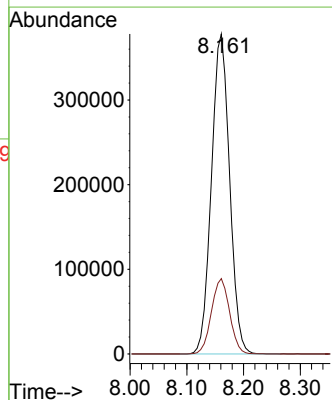
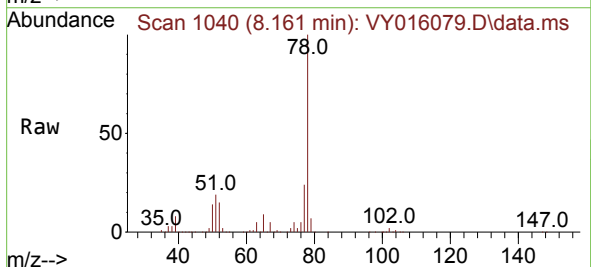
Instrument :
MSVOA_Y
ClientSampleId :

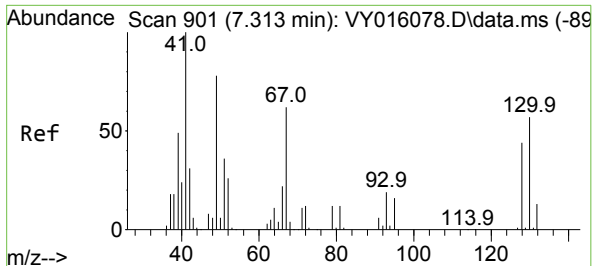
Tgt Ion: 83 Resp: 370804
Ion Ratio Lower Upper
83 100
55 69.3 63.0 94.4
98 50.3 37.4 56.2



#40
Benzene
Concen: 99.210 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 78 Resp: 840680
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

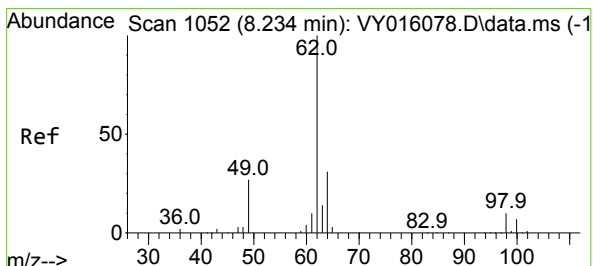
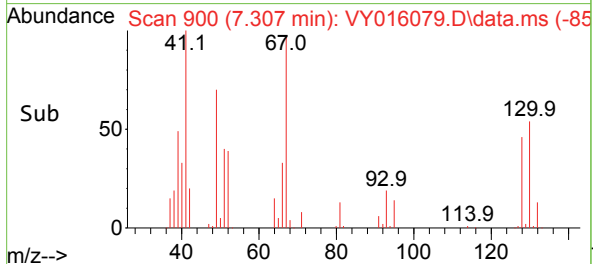
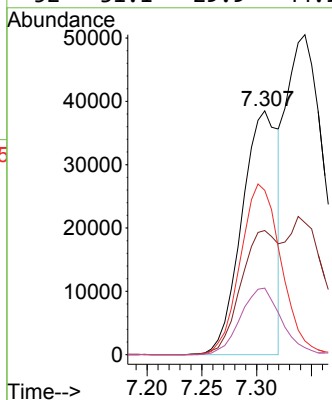
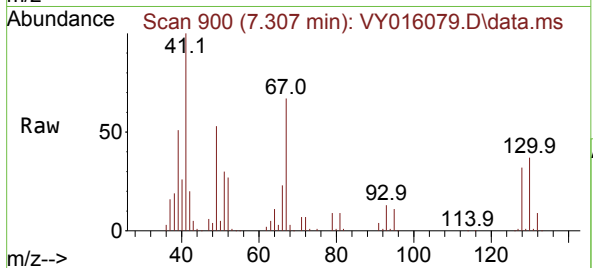




#41
Methacrylonitrile
Concen: 110.130 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

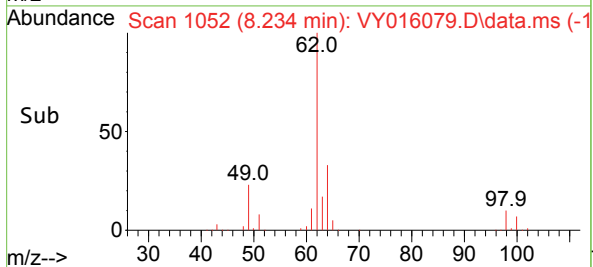
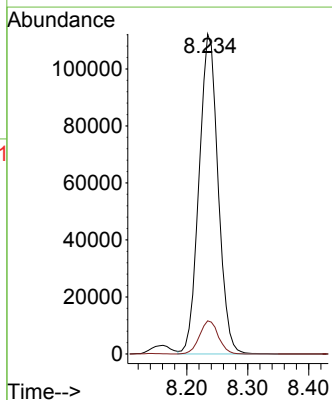
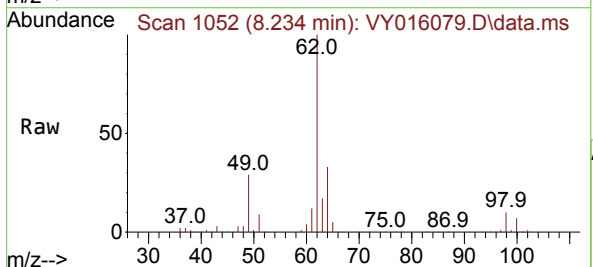
Instrument :
MSVOA_Y
ClientSampleId :

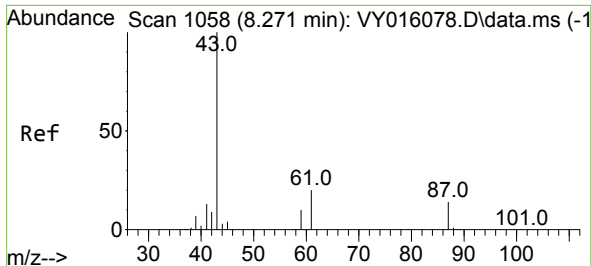
Tgt Ion: 41 Resp: 88419
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1#
67 79.2 66.2 99.2
52 31.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 99.609 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

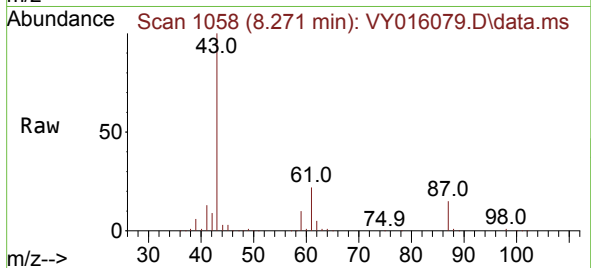
Tgt Ion: 62 Resp: 243892
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



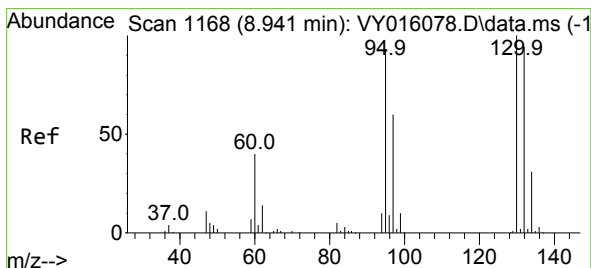
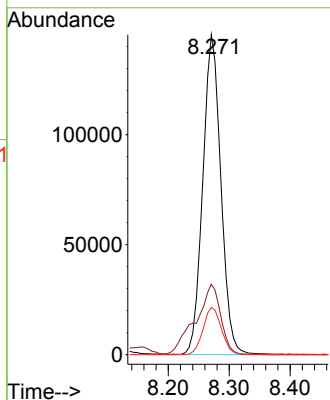
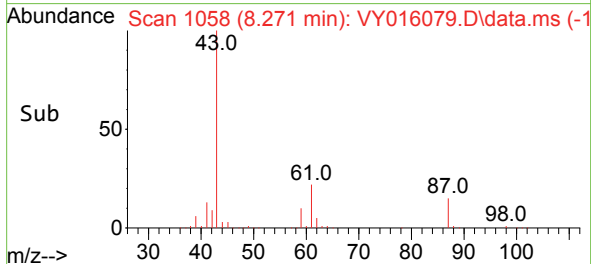


#43
Isopropyl Acetate
Concen: 104.405 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

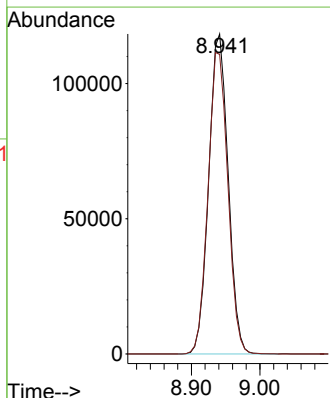
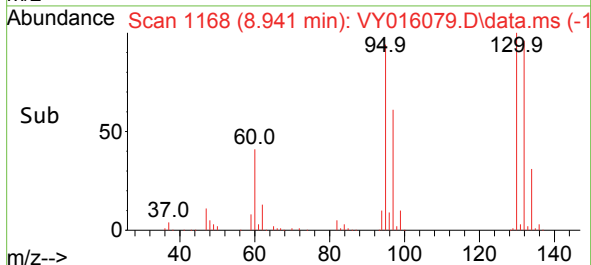
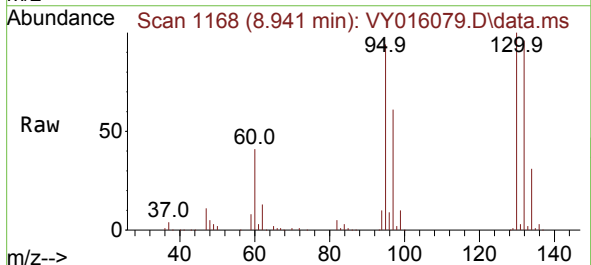


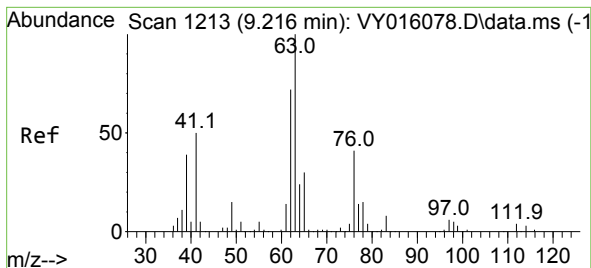
Tgt Ion: 43 Resp: 299469
Ion Ratio Lower Upper
43 100
61 30.7 21.1 31.7
87 15.0 9.8 14.8#



#44
Trichloroethene
Concen: 98.427 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion:130 Resp: 232893
Ion Ratio Lower Upper
130 100
95 93.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 98.751 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

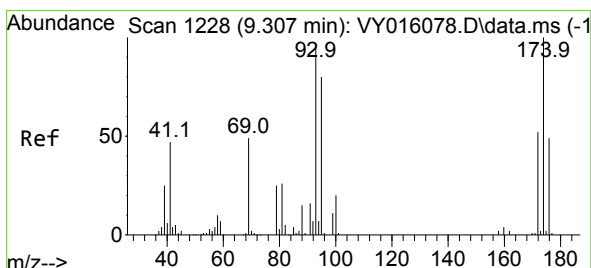
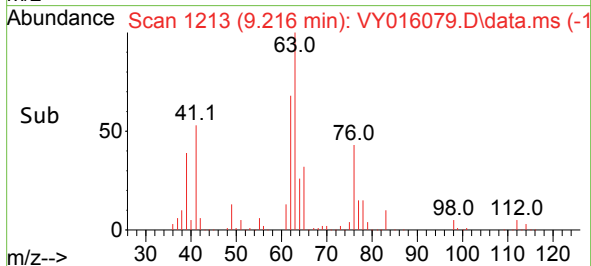
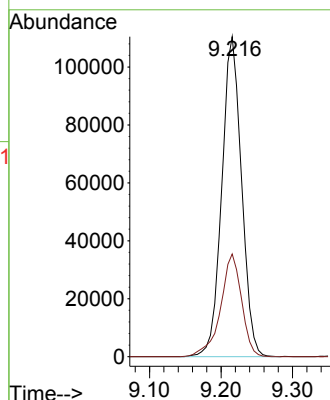
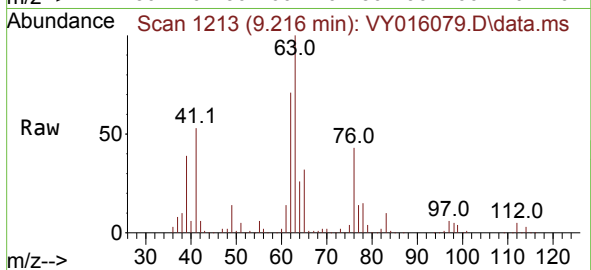
ClientSampleId :

Tgt Ion: 63 Resp: 211787

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 101.202 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

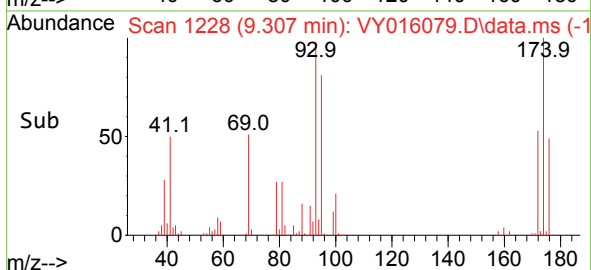
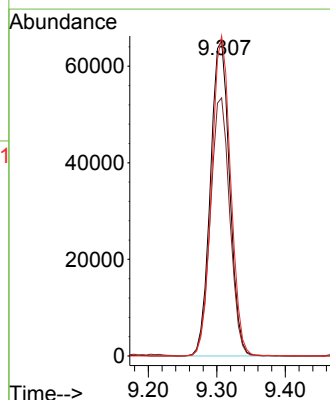
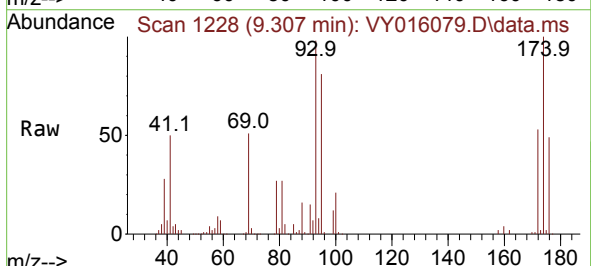
Tgt Ion: 93 Resp: 127263

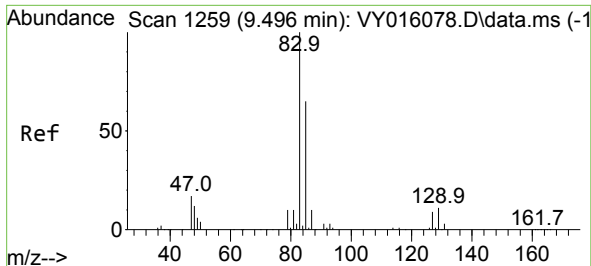
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

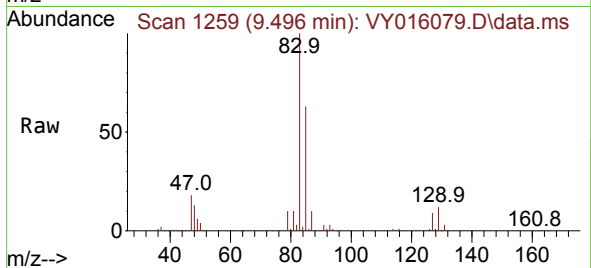
174 100.3 84.8 127.2



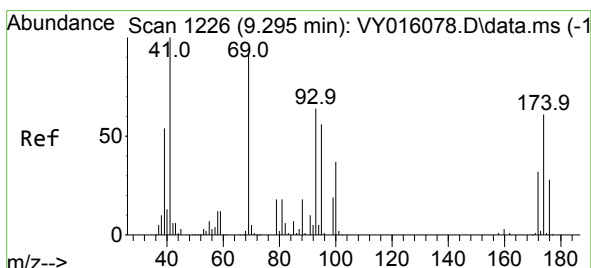
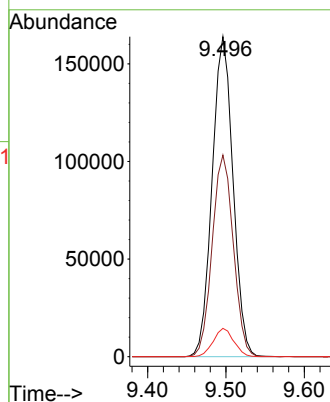
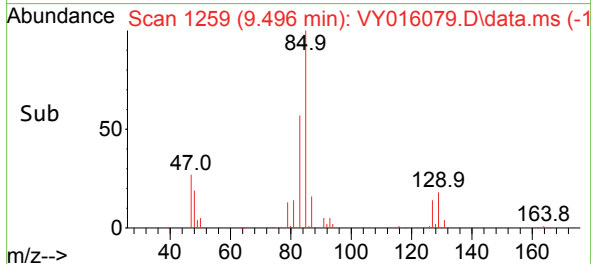


#47
Bromodichloromethane
Concen: 99.837 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

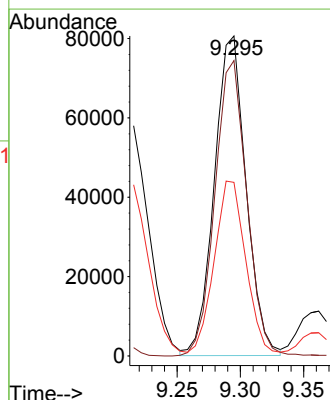
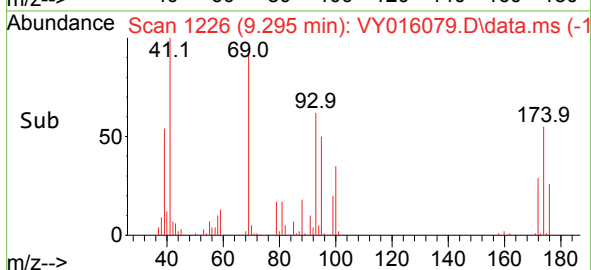
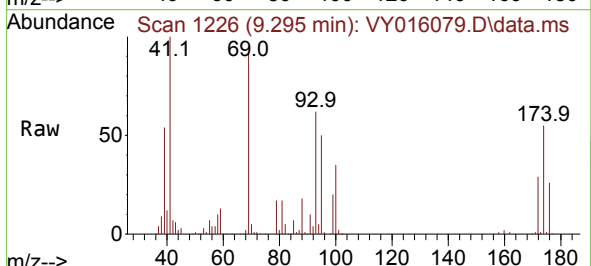


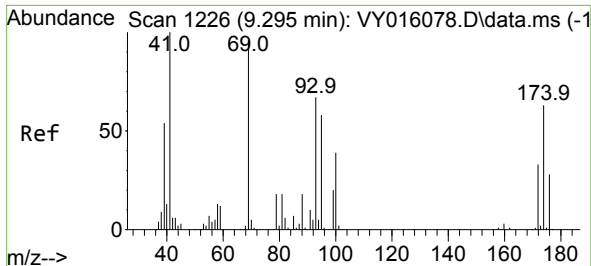
Tgt Ion: 83 Resp: 303628
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 106.406 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 41 Resp: 140609
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 52.6 50.8 76.2





#49

1,4-Dioxane

Concen: 2097.488 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

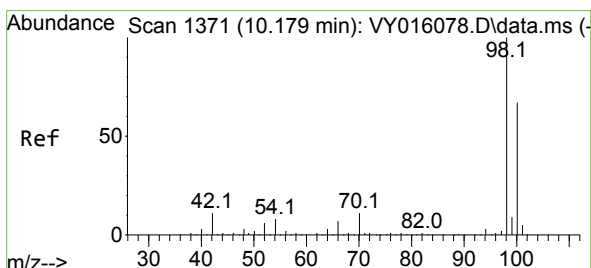
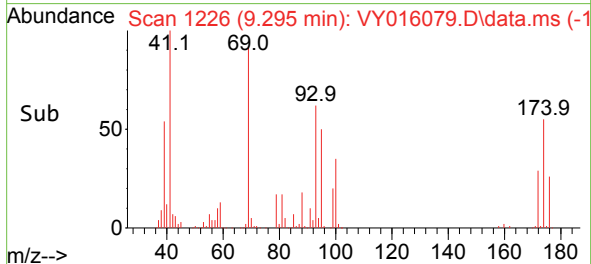
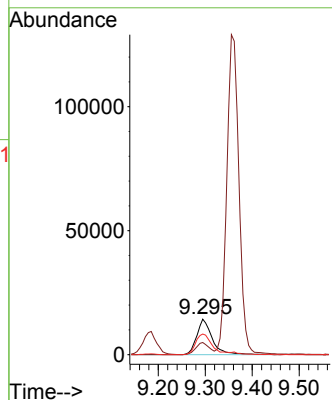
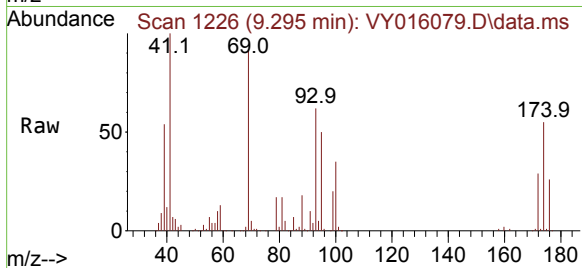
Tgt Ion: 88 Resp: 33000

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 65.8 30.9 46.3#



#50

Toluene-d8

Concen: 103.648 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016079.D

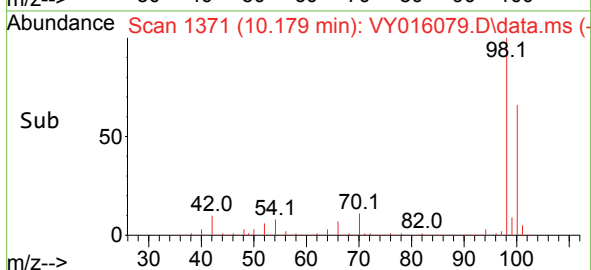
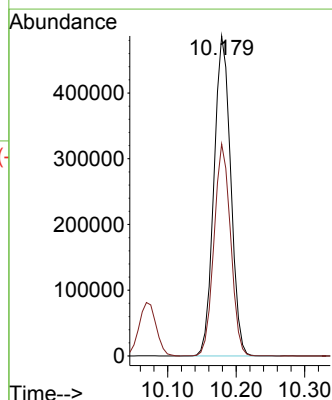
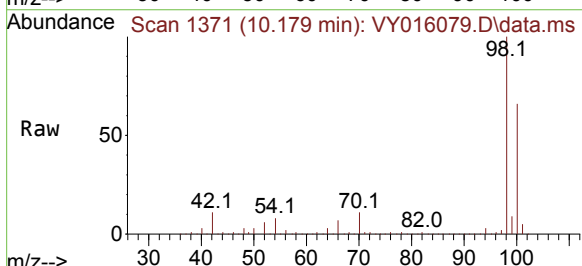
Acq: 26 Oct 2023 13:26

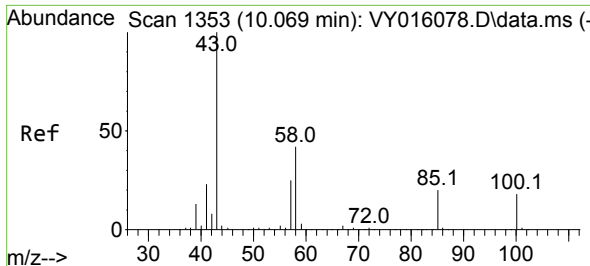
Tgt Ion: 98 Resp: 824357

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

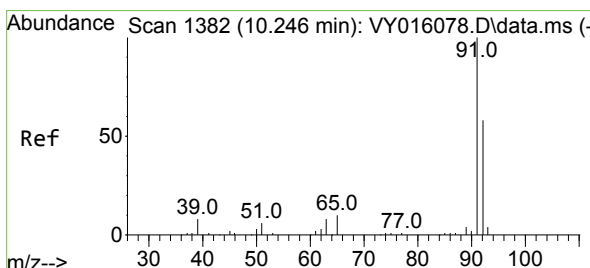
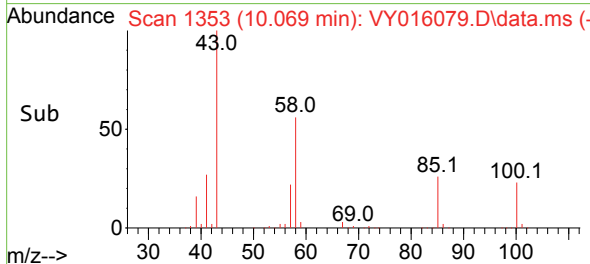
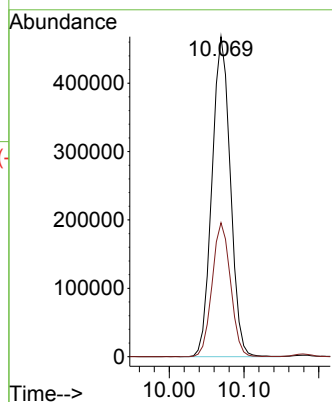
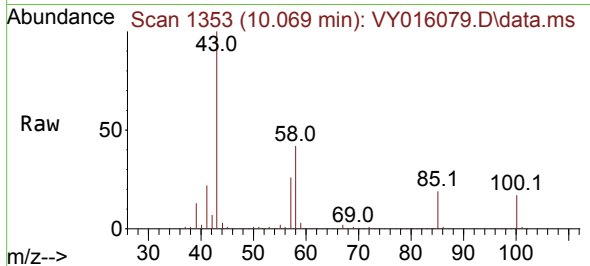




#51
4-Methyl-2-Pentanone
Concen: 527.653 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

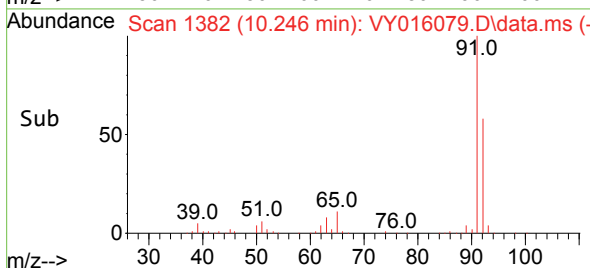
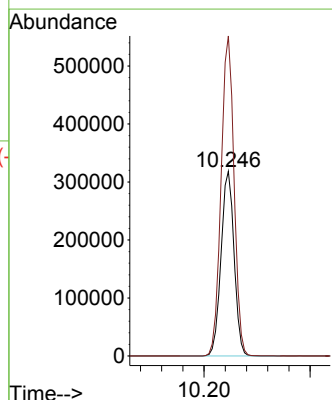
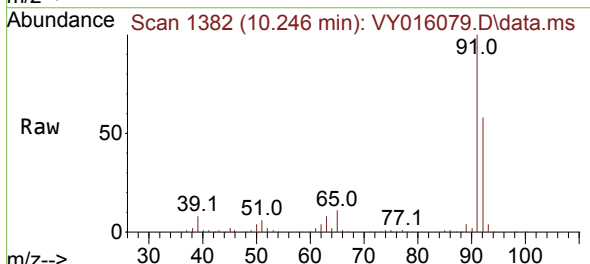
Instrument :
MSVOA_Y
ClientSampleId :

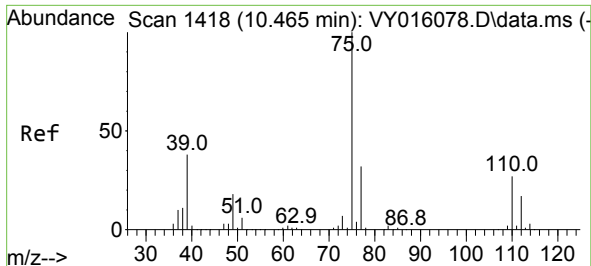
Tgt Ion: 43 Resp: 798610
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6



#52
Toluene
Concen: 99.538 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 92 Resp: 541622
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 103.494 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

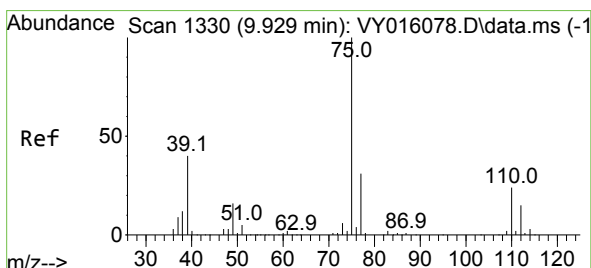
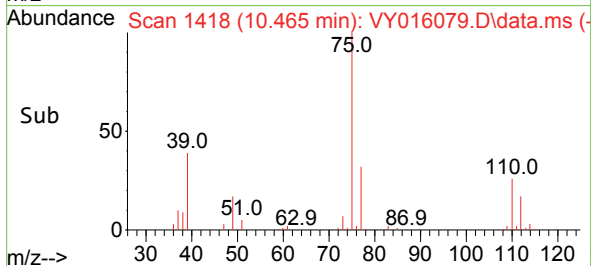
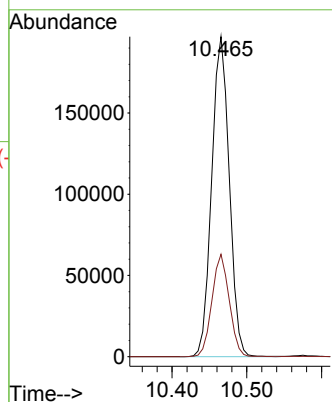
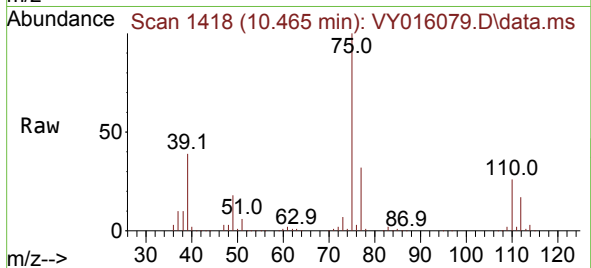
ClientSampleId :

Tgt Ion: 75 Resp: 321856

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 101.969 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

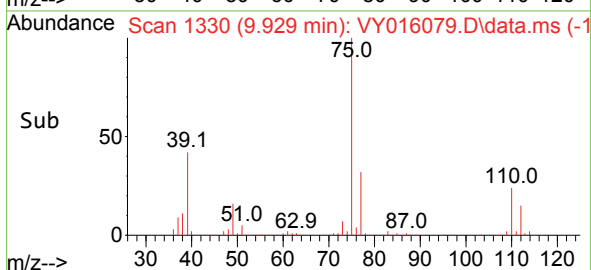
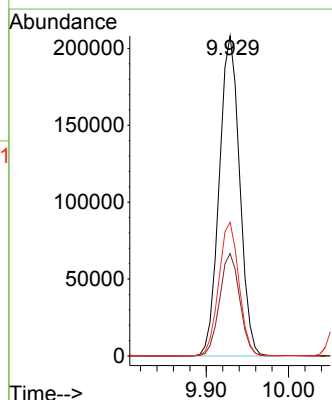
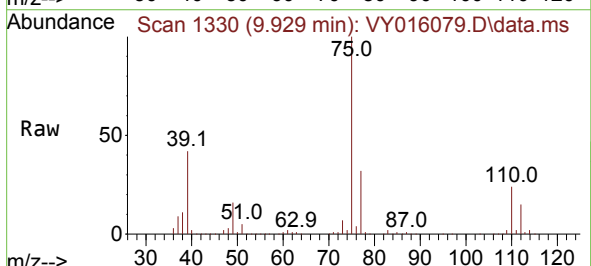
Tgt Ion: 75 Resp: 358620

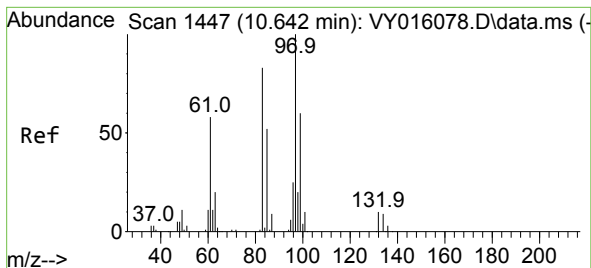
Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.4

39 41.7 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 98.626 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

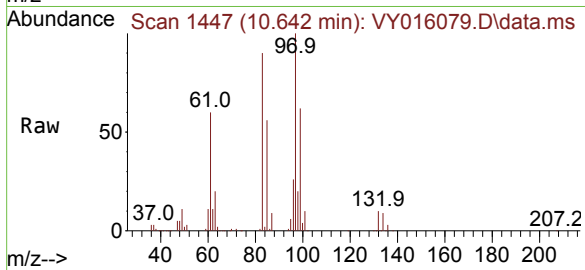
Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 176215

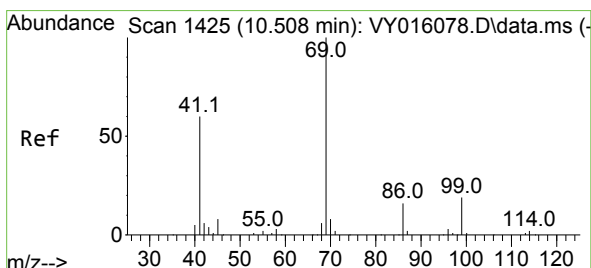
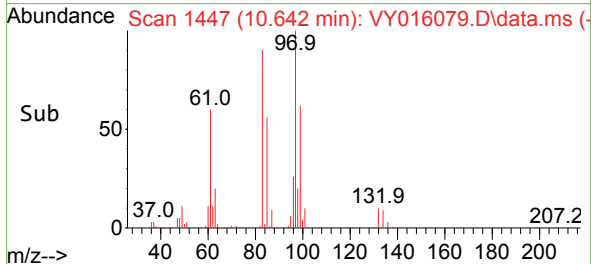
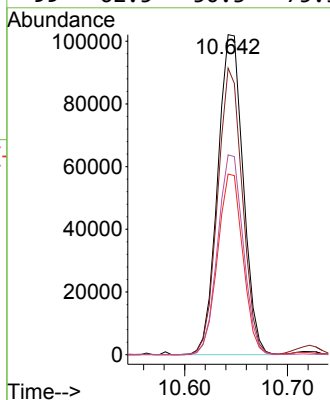
Ion Ratio Lower Upper

97 100

83 89.6 72.0 108.0

85 56.5 45.4 68.0

99 62.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 107.813 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

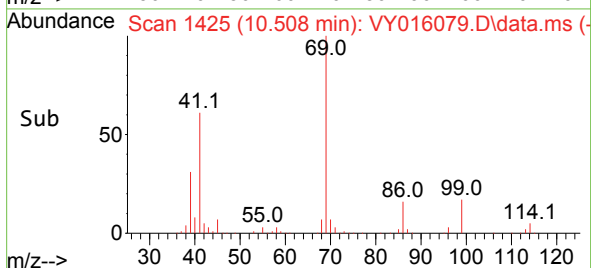
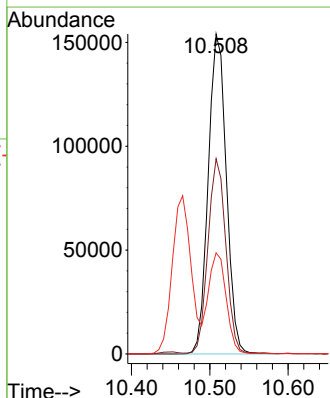
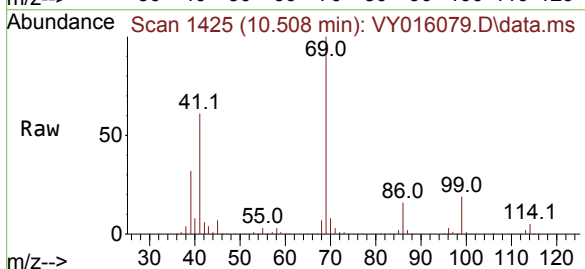
Tgt Ion: 69 Resp: 247560

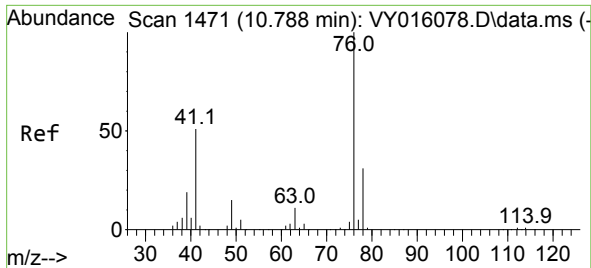
Ion Ratio Lower Upper

69 100

41 60.2 57.6 86.4

39 30.6 34.1 51.1#

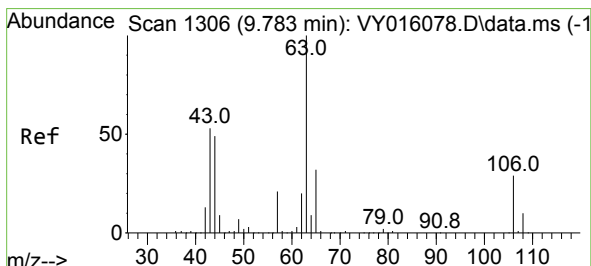
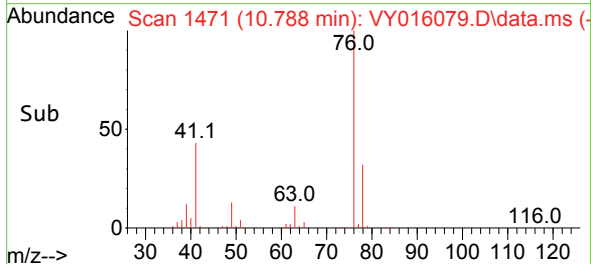
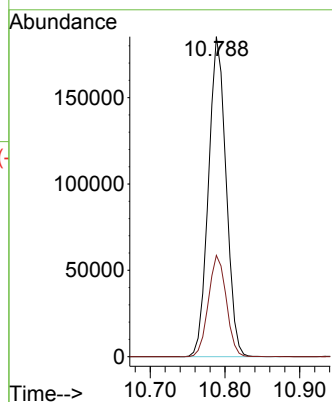
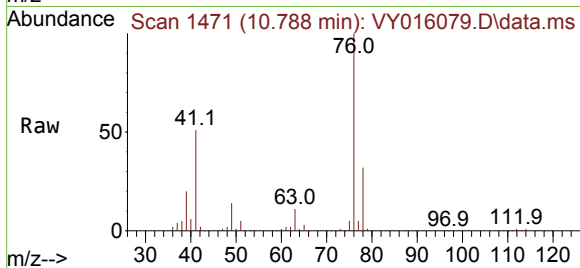




#57
1,3-Dichloropropane
Concen: 101.572 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

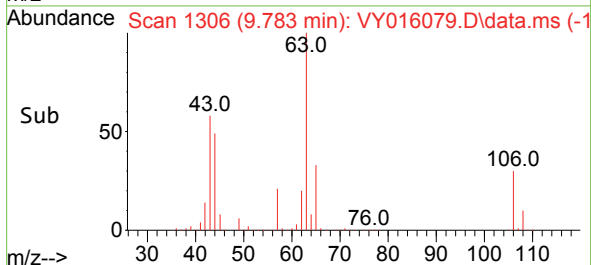
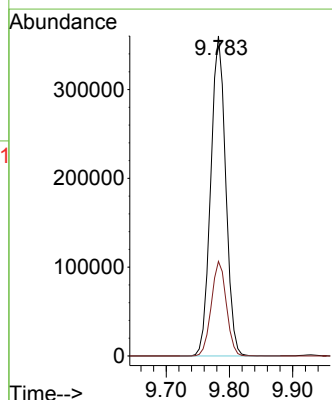
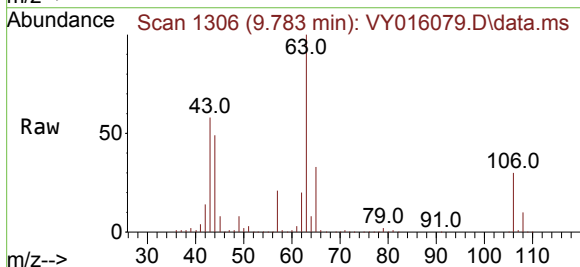
Instrument :
MSVOA_Y
ClientSampleId :

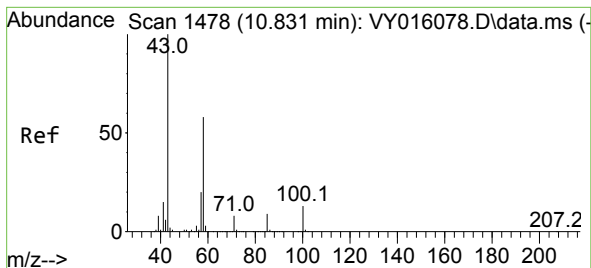
Tgt Ion: 76 Resp: 303363
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 518.881 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 63 Resp: 593140
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8

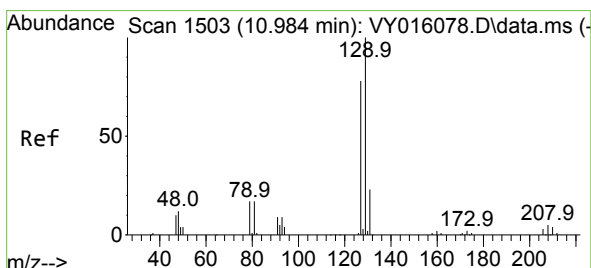
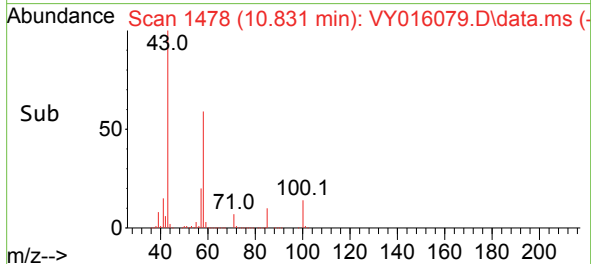
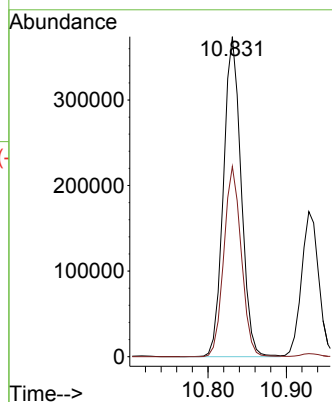
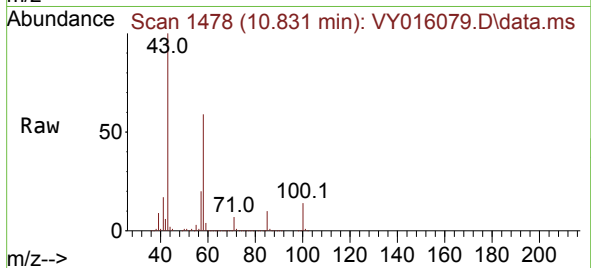




#59
2-Hexanone
Concen: 525.431 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

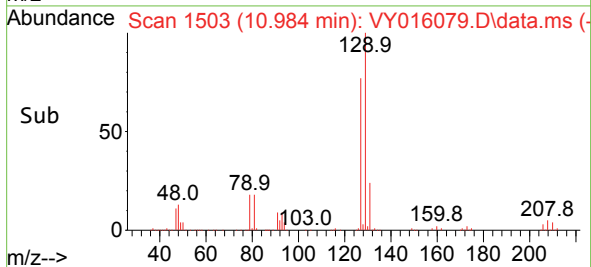
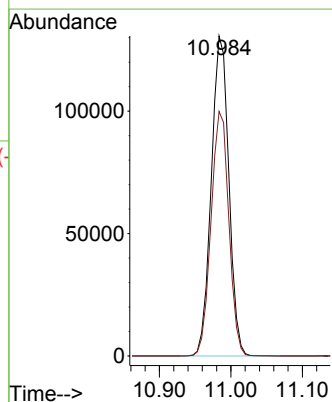
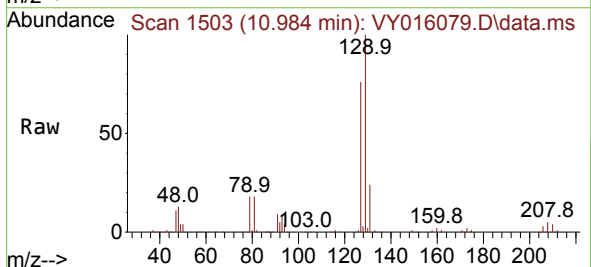
Instrument :
MSVOA_Y
ClientSampleId :

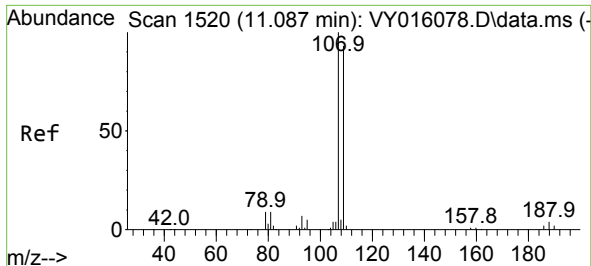
Tgt Ion: 43 Resp: 585805
Ion Ratio Lower Upper
43 100
58 58.7 25.1 75.3



#60
Dibromochloromethane
Concen: 101.613 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 129 Resp: 222324
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

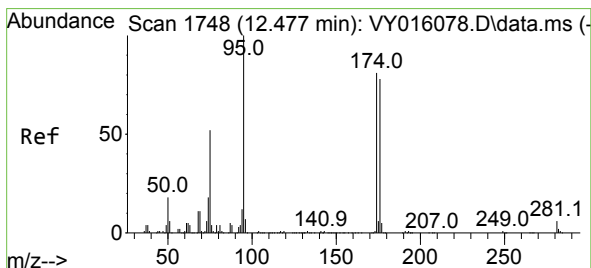
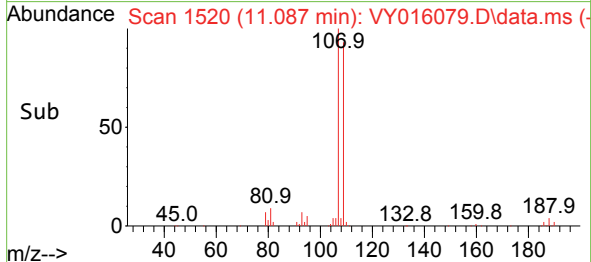
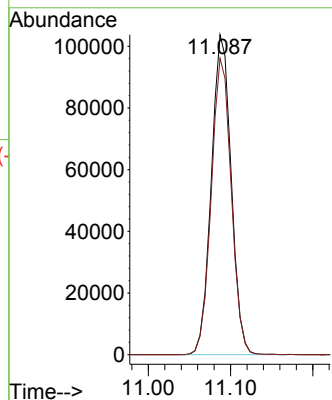
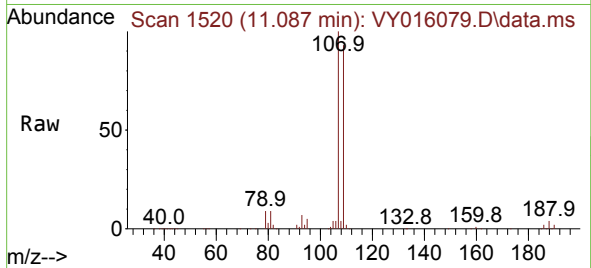




#61
1,2-Dibromoethane
Concen: 101.494 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

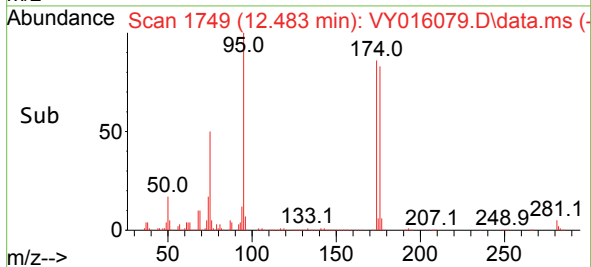
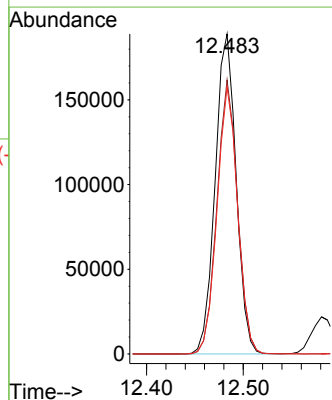
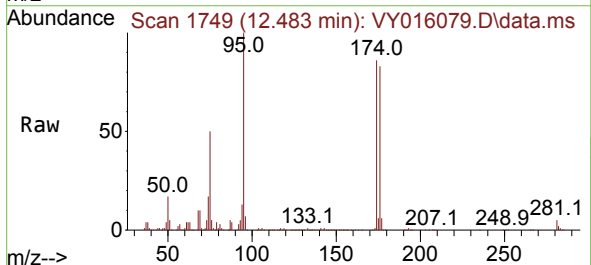
Instrument :
MSVOA_Y
ClientSampleId :

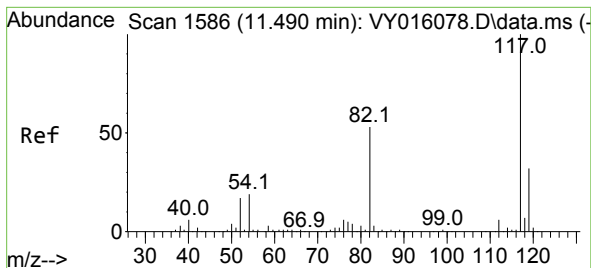
Tgt Ion:107 Resp: 173642
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 104.150 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 95 Resp: 284144
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8

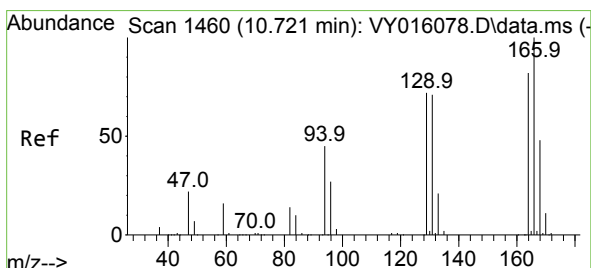
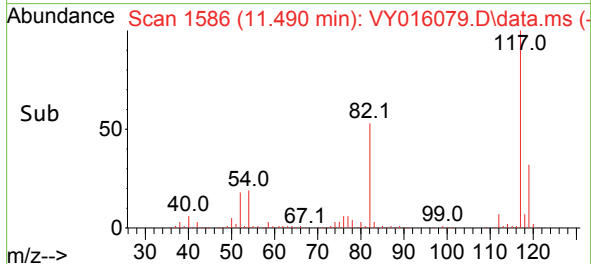
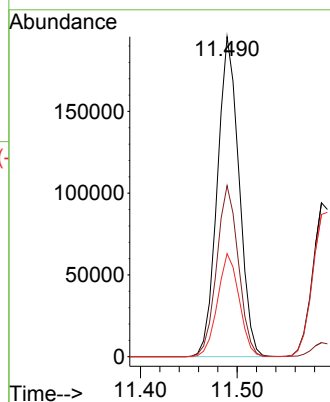
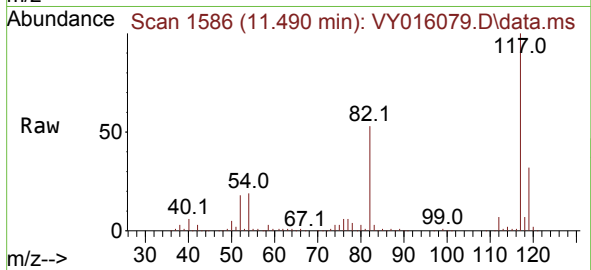




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

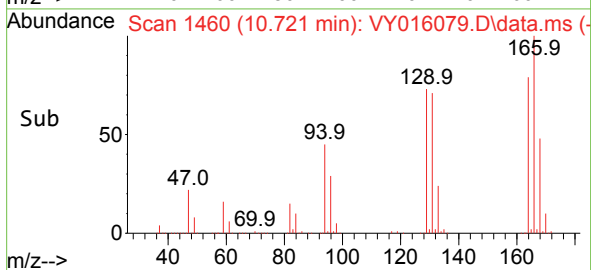
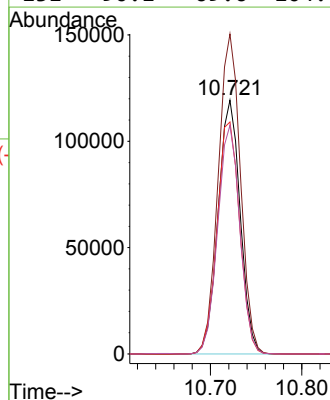
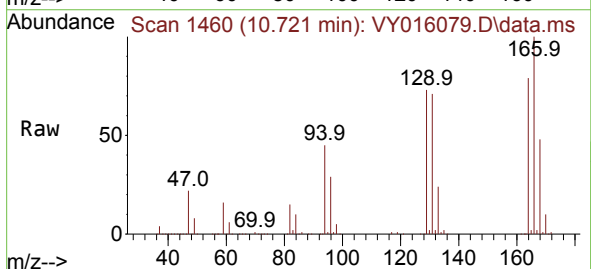
Instrument :
MSVOA_Y
ClientSampleId :

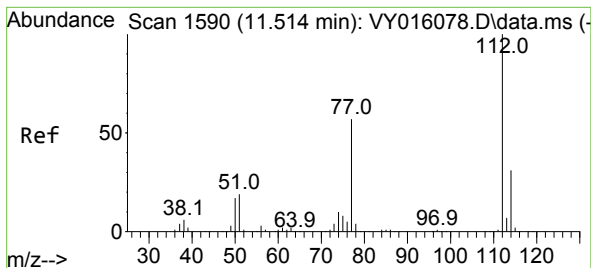
Tgt Ion:117 Resp: 304395
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 99.545 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion:164 Resp: 200520
Ion Ratio Lower Upper
164 100
166 126.1 103.0 154.6
129 91.4 77.2 115.8
131 90.1 69.6 104.4





#65

Chlorobenzene

Concen: 98.515 ug/l

RT: 11.514 min Scan# 111

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

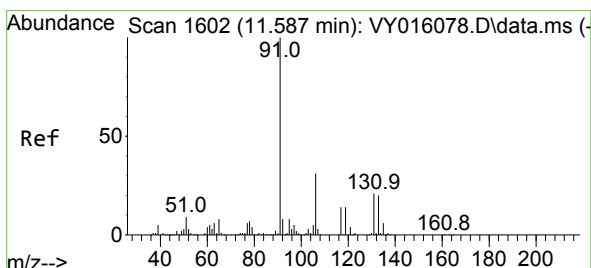
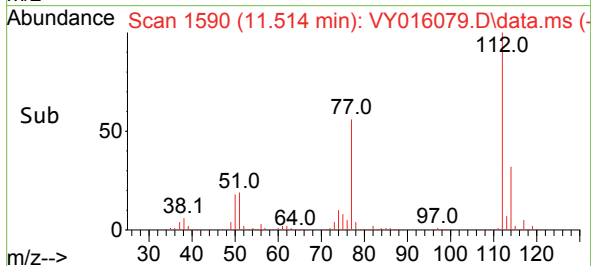
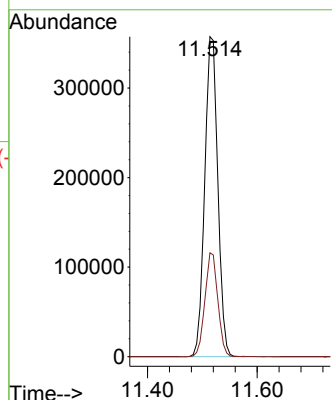
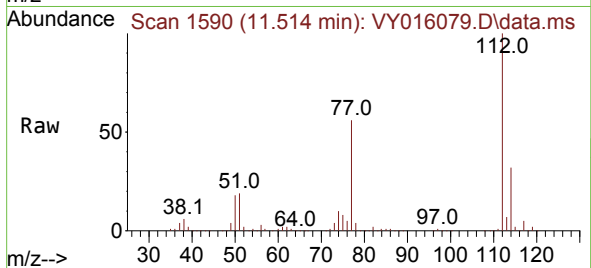
ClientSampleId :

Tgt Ion:112 Resp: 589306

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 99.883 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

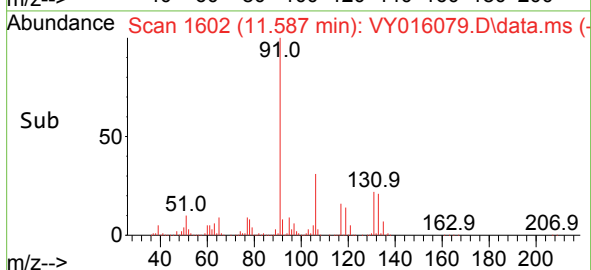
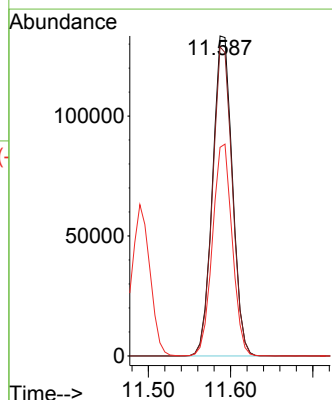
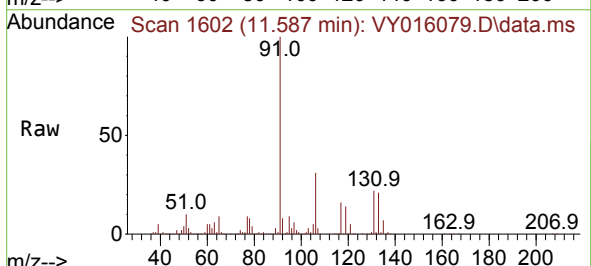
Tgt Ion:131 Resp: 223132

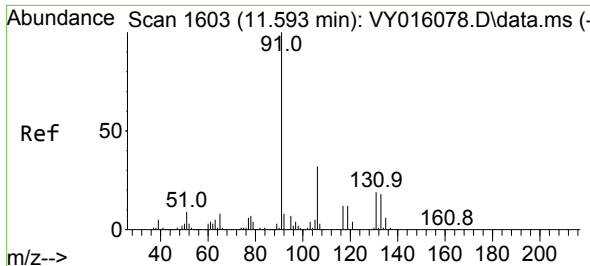
Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.6

119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 100.738 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

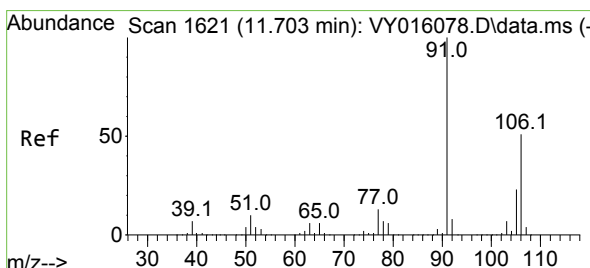
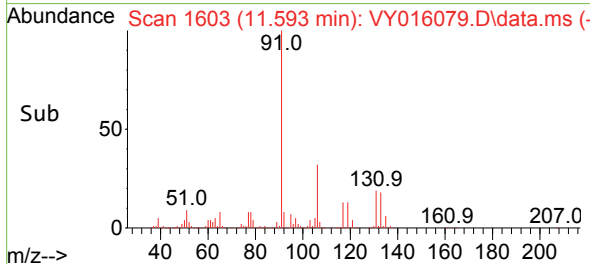
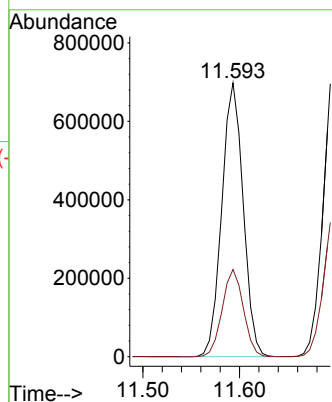
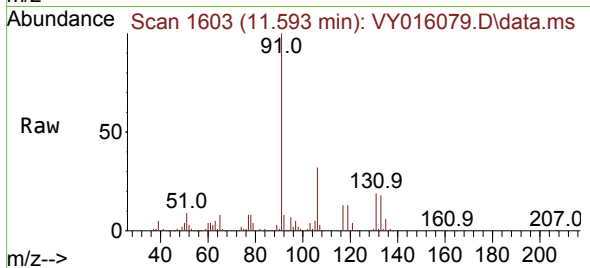
ClientSampleId :

Tgt Ion: 91 Resp: 1070336

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 201.764 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY016079.D

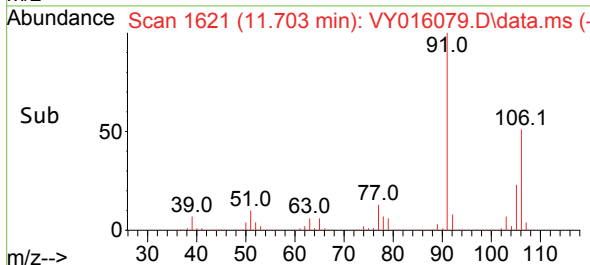
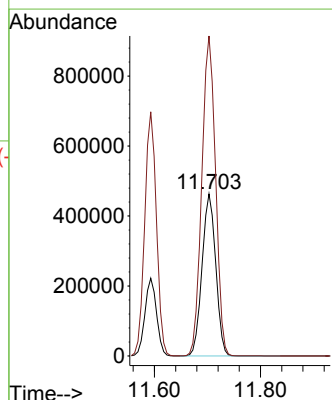
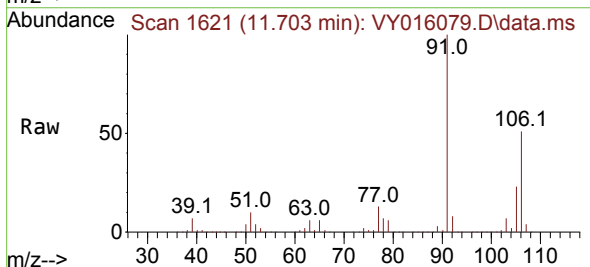
Acq: 26 Oct 2023 13:26

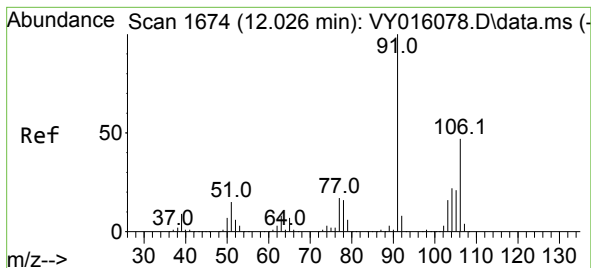
Tgt Ion:106 Resp: 829606

Ion Ratio Lower Upper

106 100

91 198.6 166.1 249.1





#69

o-Xylene

Concen: 101.136 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

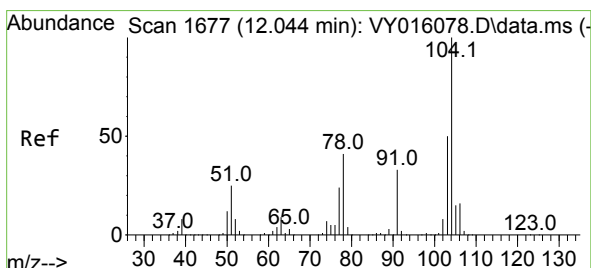
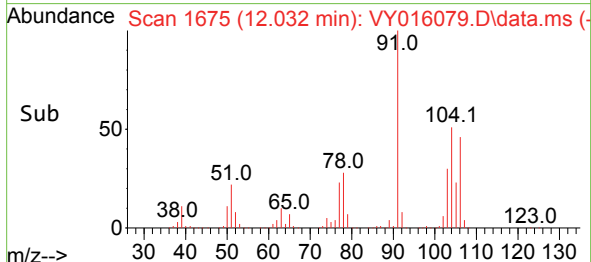
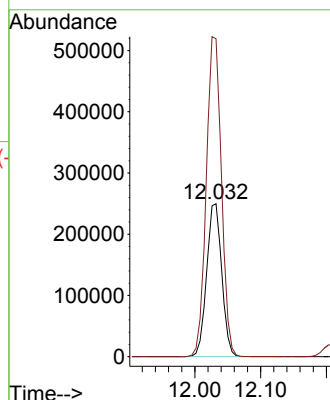
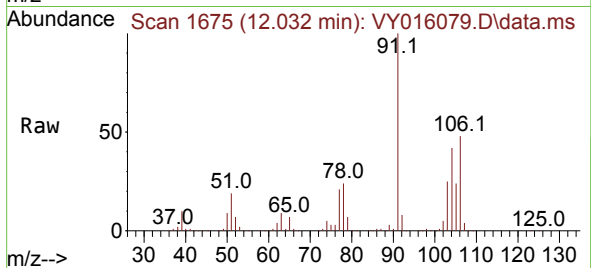
ClientSampleId :

Tgt Ion:106 Resp: 398114

Ion Ratio Lower Upper

106 100

91 210.6 108.1 324.3



#70

Styrene

Concen: 102.843 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

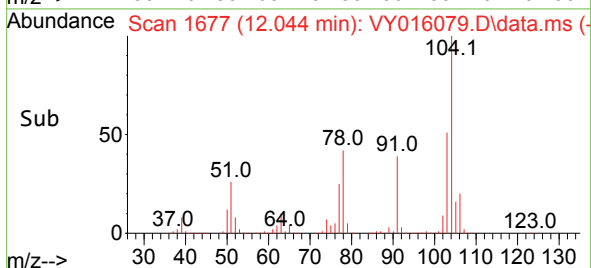
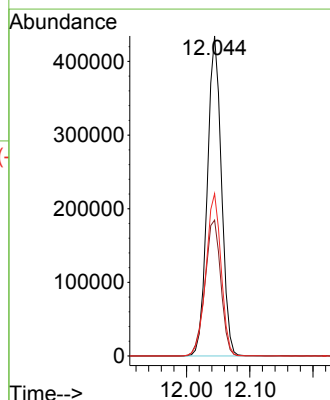
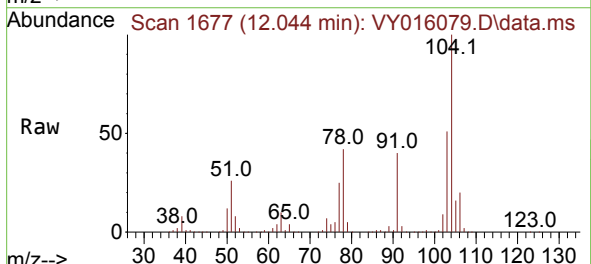
Tgt Ion:104 Resp: 674820

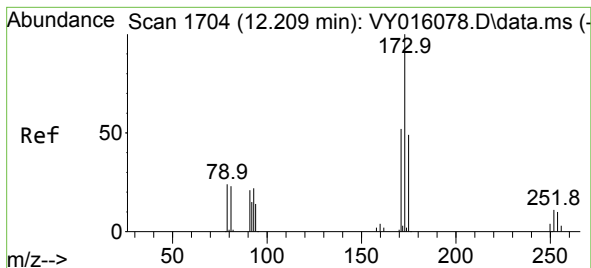
Ion Ratio Lower Upper

104 100

78 47.8 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 104.343 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

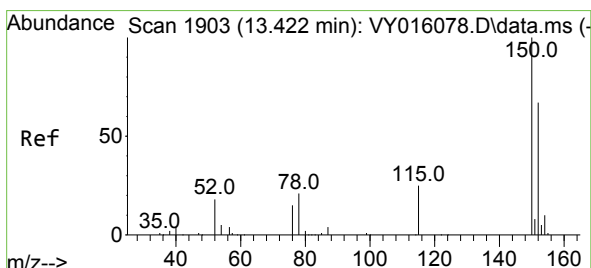
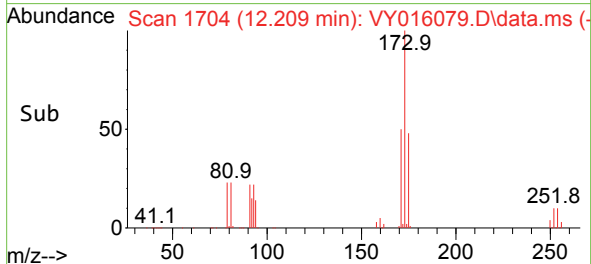
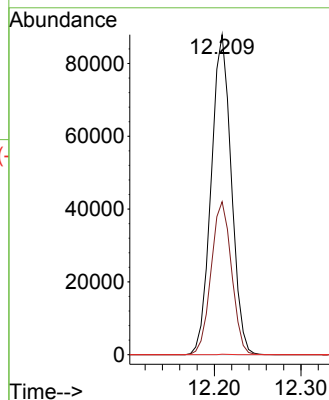
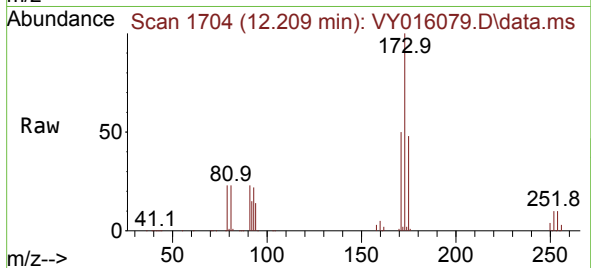
Tgt Ion:173 Resp: 141987

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.1 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: VY016079.D

Acq: 26 Oct 2023 13:26

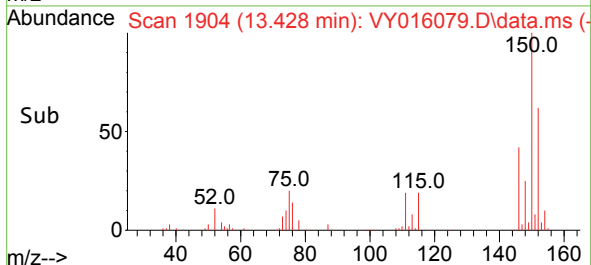
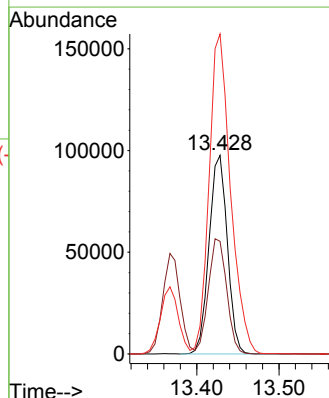
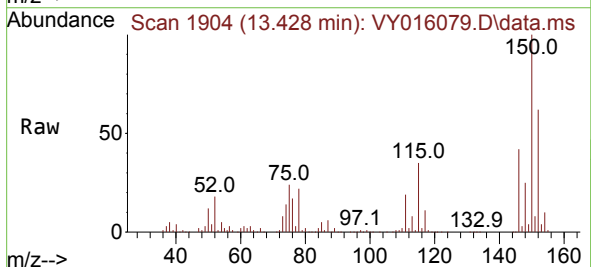
Tgt Ion:152 Resp: 150886

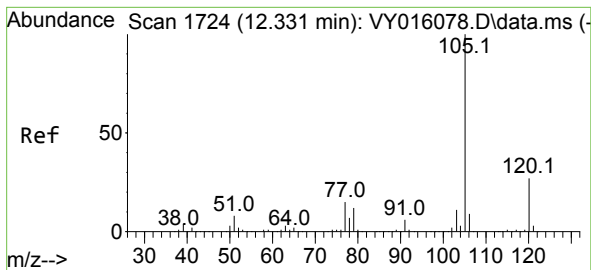
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 188.9 0.0 348.8





#73

Isopropylbenzene

Concen: 99.536 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

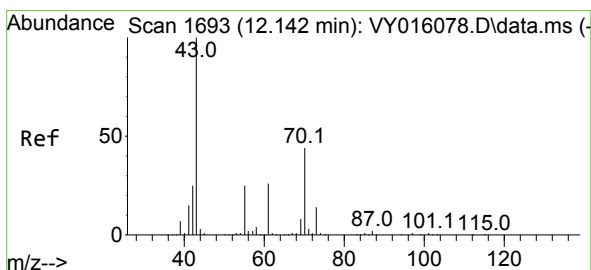
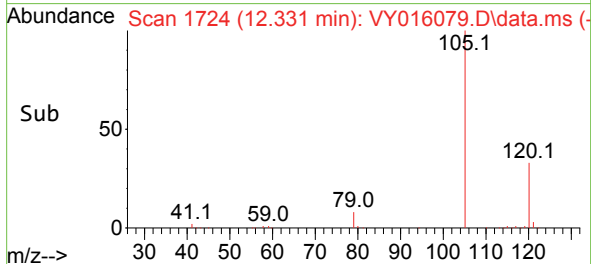
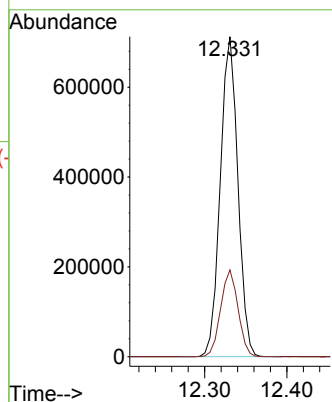
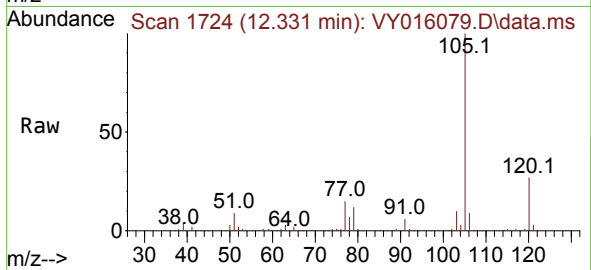
ClientSampleId :

Tgt Ion:105 Resp: 1056953

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 106.879 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Tgt Ion: 43 Resp: 276737

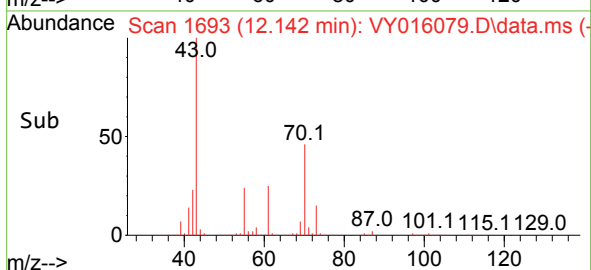
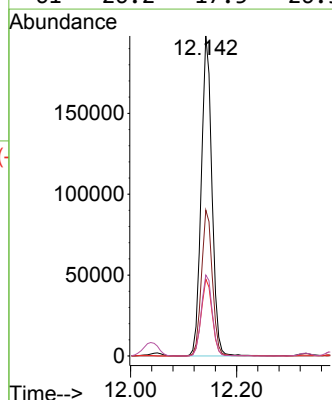
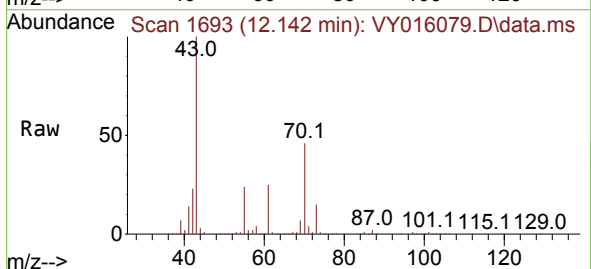
Ion Ratio Lower Upper

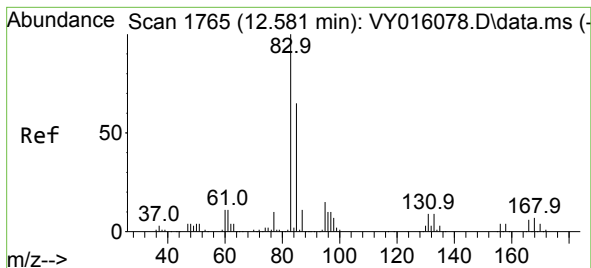
43 100

70 46.3 29.7 44.5#

55 24.9 18.3 27.5

61 26.2 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 100.771 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

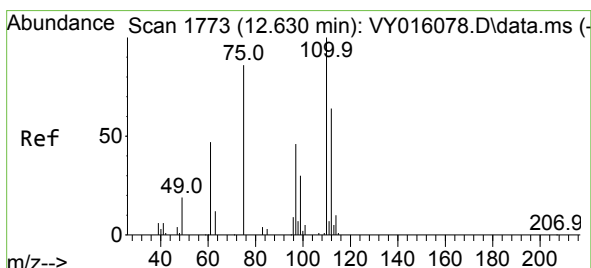
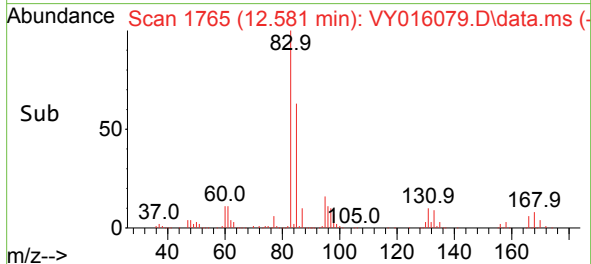
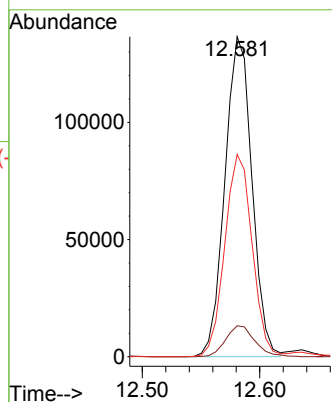
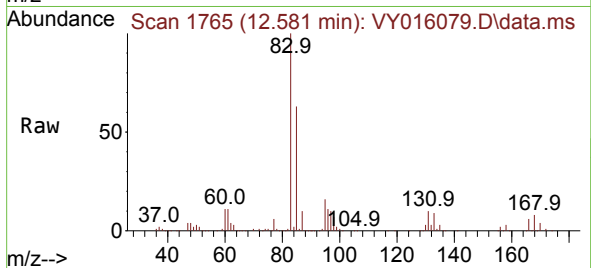
Tgt Ion: 83 Resp: 218739

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 177.046 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016079.D

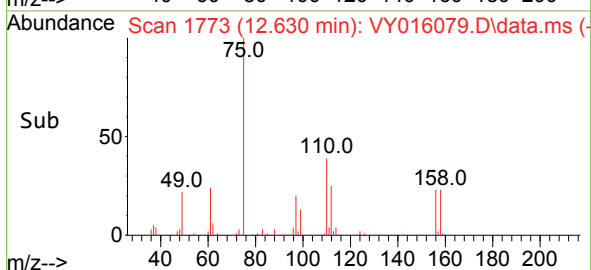
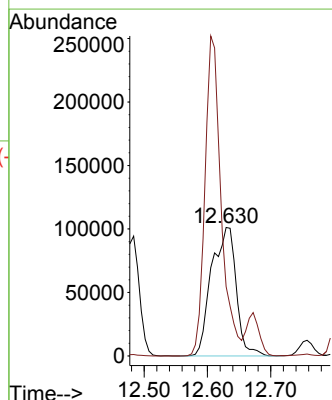
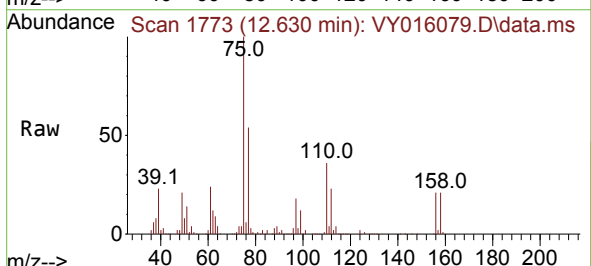
Acq: 26 Oct 2023 13:26

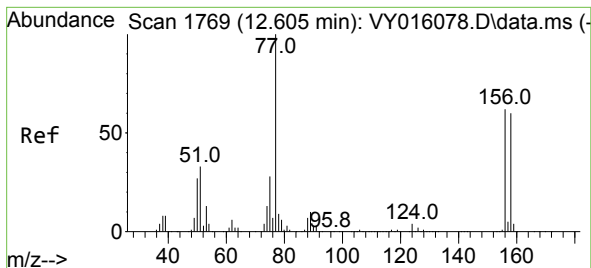
Tgt Ion: 75 Resp: 274610

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.610 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

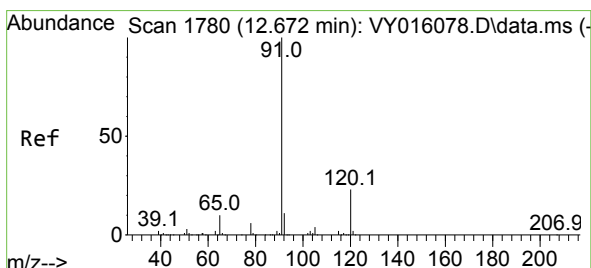
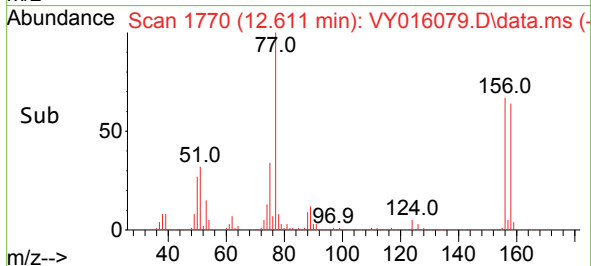
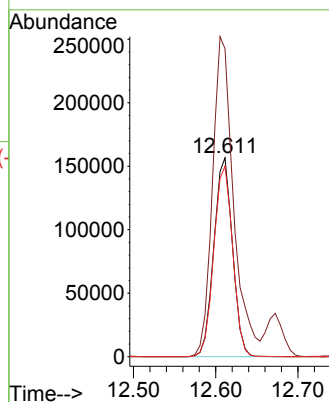
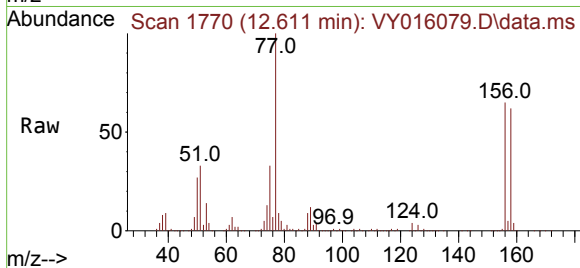
Tgt Ion:156 Resp: 246859

Ion Ratio Lower Upper

156 100

77 182.1 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 99.534 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016079.D

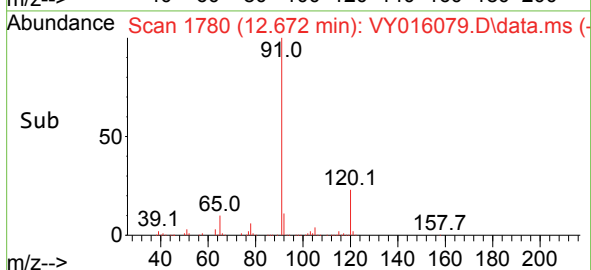
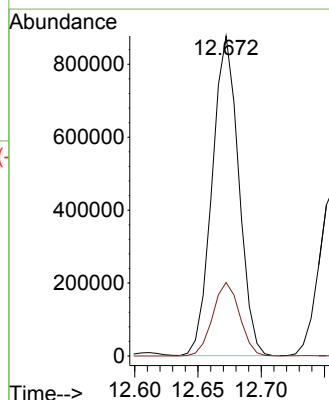
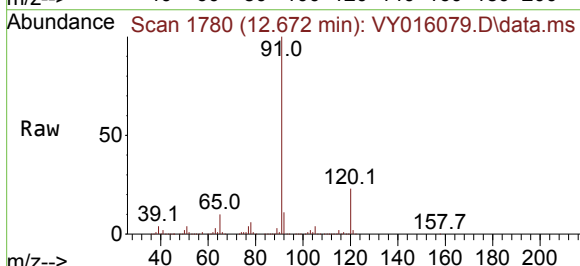
Acq: 26 Oct 2023 13:26

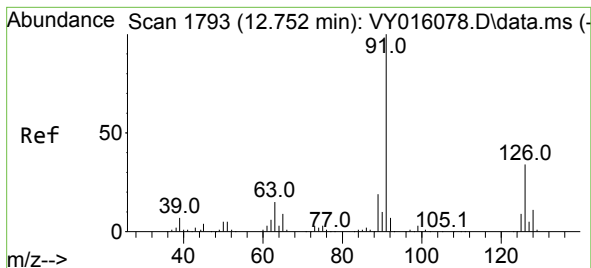
Tgt Ion: 91 Resp: 1279748

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 98.373 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

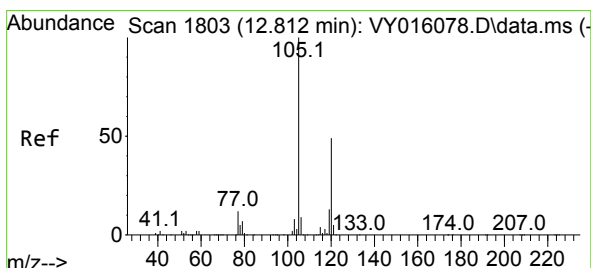
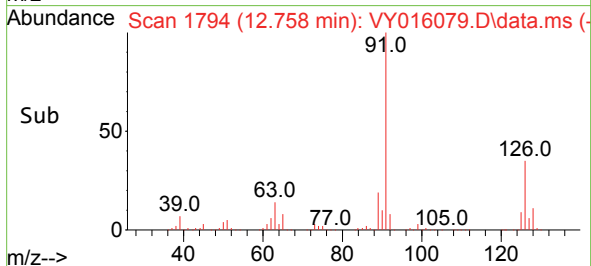
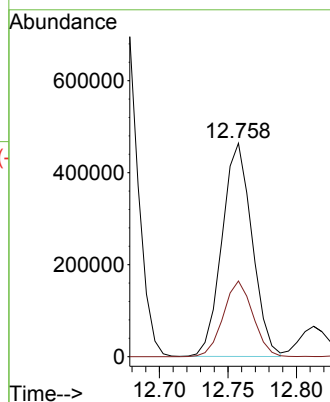
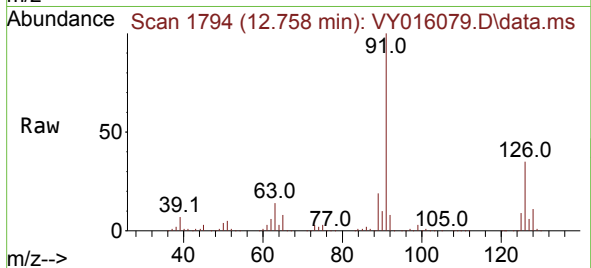
ClientSampleId :

Tgt Ion: 91 Resp: 708366

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 99.687 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY016079.D

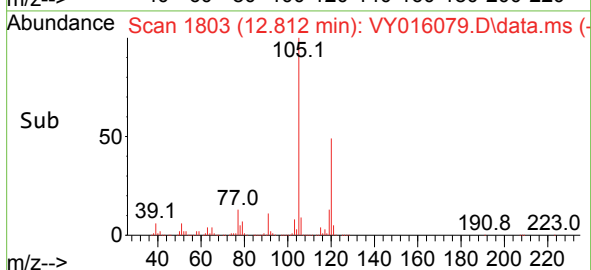
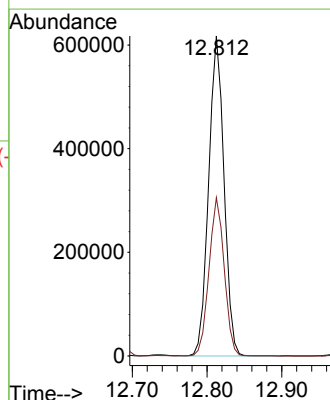
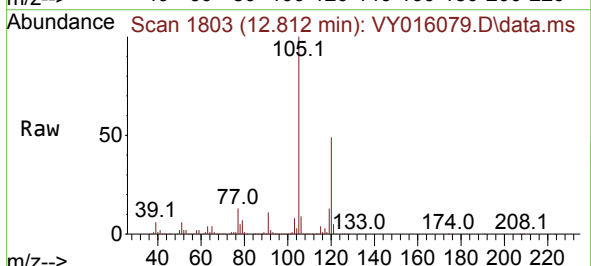
Acq: 26 Oct 2023 13:26

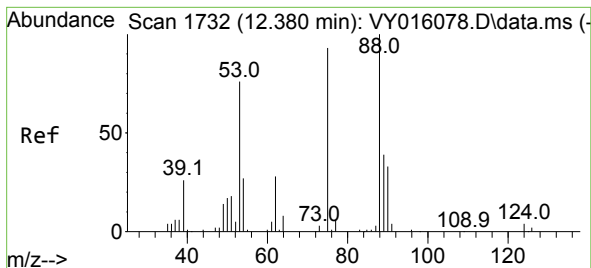
Tgt Ion: 105 Resp: 878870

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

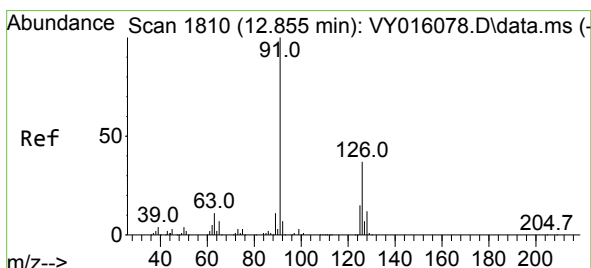
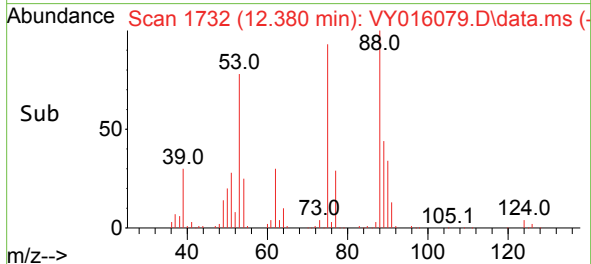
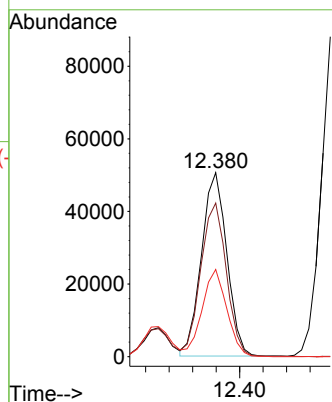
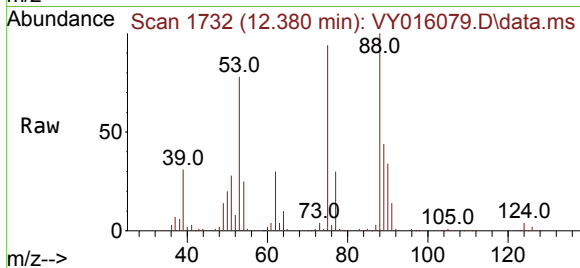




#81
trans-1,4-Dichloro-2-butene
Concen: 106.906 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

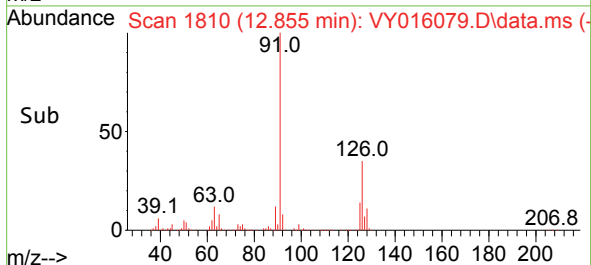
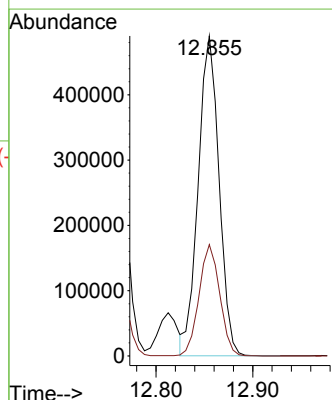
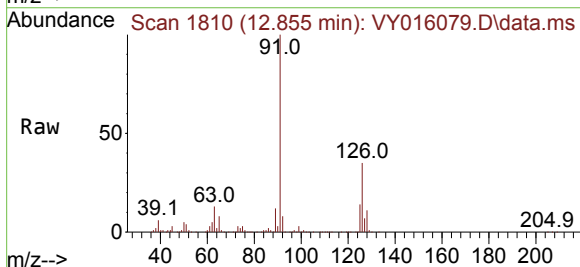
Instrument :
MSVOA_Y
ClientSampleId :

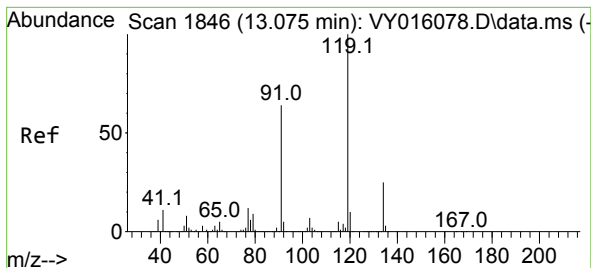
Tgt Ion: 75 Resp: 75784
Ion Ratio Lower Upper
75 100
53 85.3 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 98.283 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 91 Resp: 733951
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 99.730 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

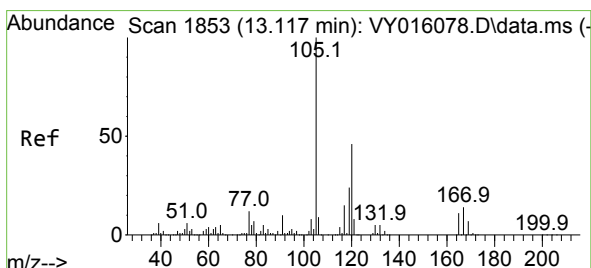
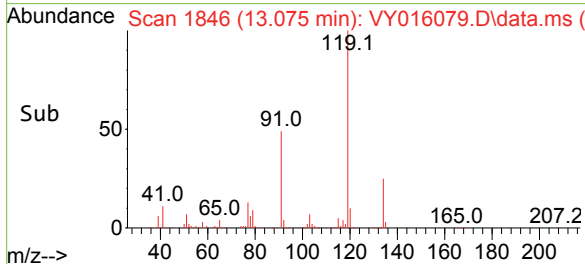
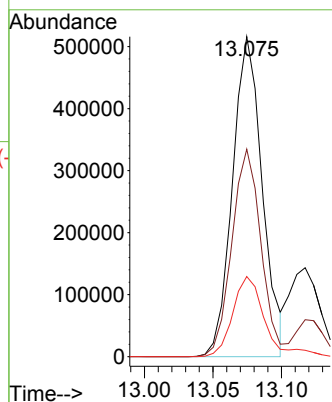
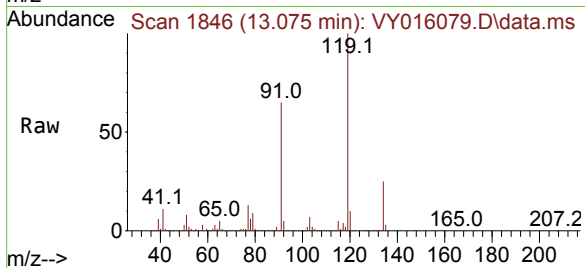
Tgt Ion:119 Resp: 781545

Ion Ratio Lower Upper

119 100

91 63.1 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 99.706 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016079.D

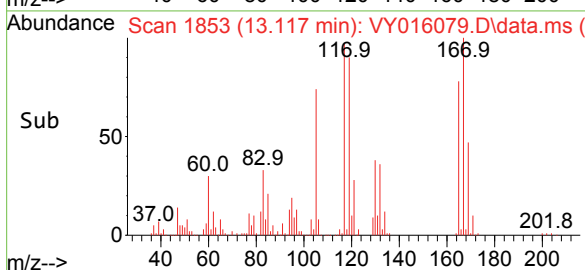
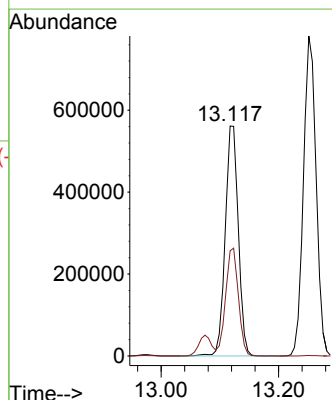
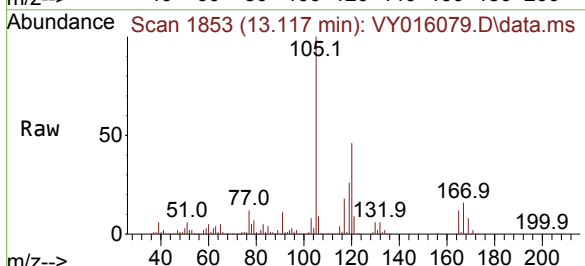
Acq: 26 Oct 2023 13:26

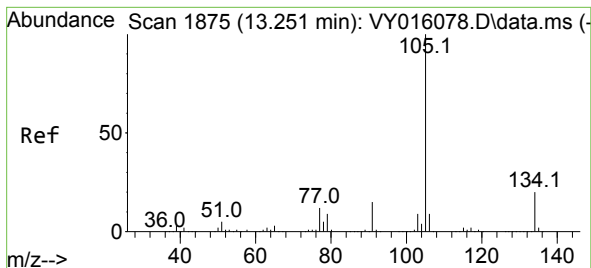
Tgt Ion:105 Resp: 868161

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 99.886 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

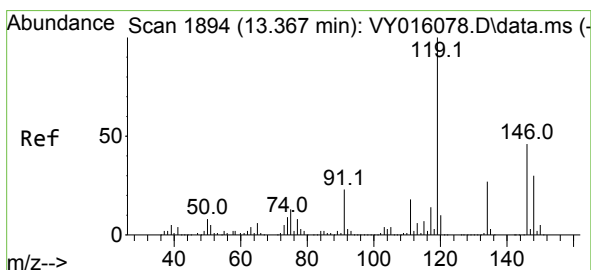
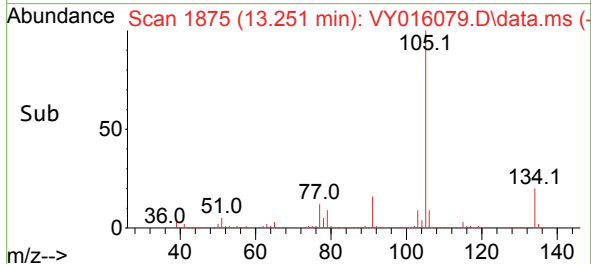
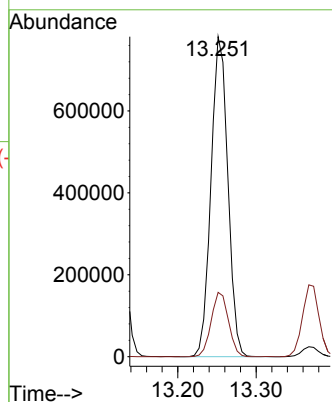
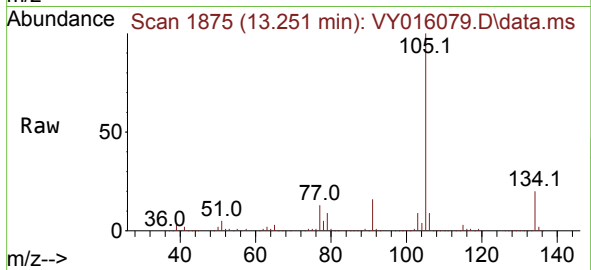
ClientSampleId :

Tgt Ion:105 Resp: 1165865

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 100.051 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

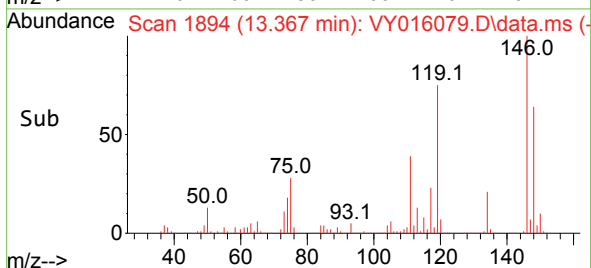
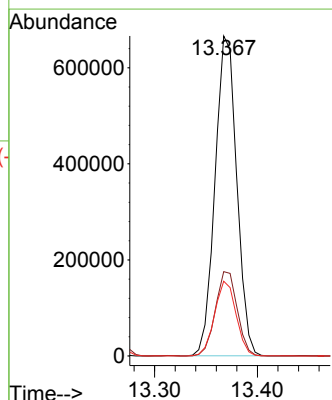
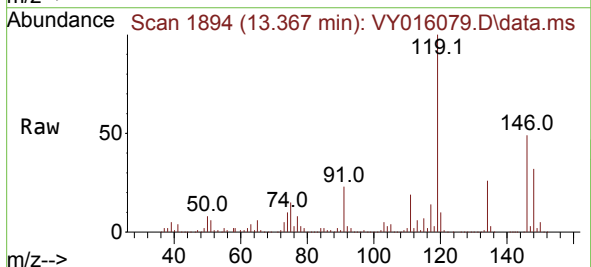
Tgt Ion:119 Resp: 974437

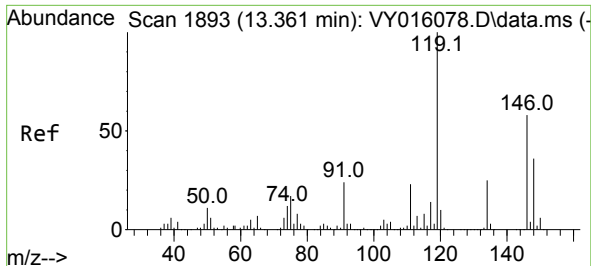
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 97.288 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

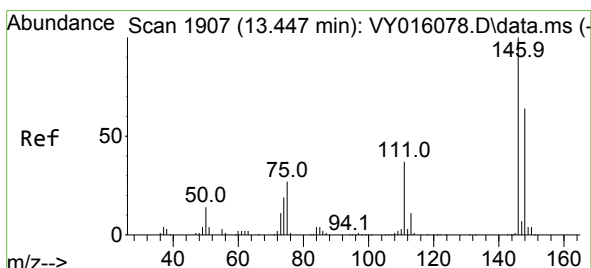
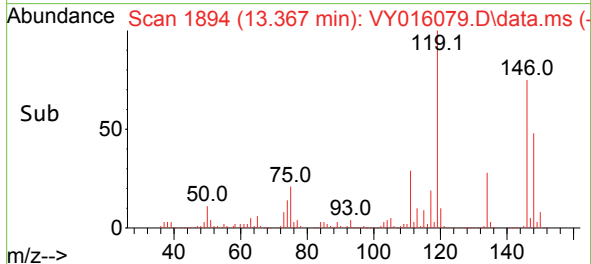
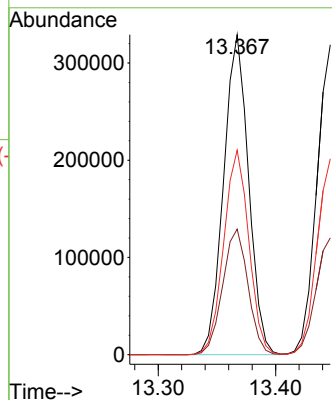
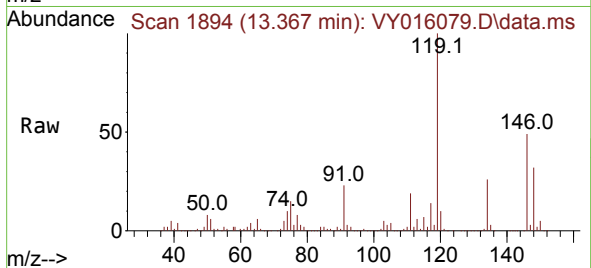
Tgt Ion:146 Resp: 486847

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 64.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 97.136 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

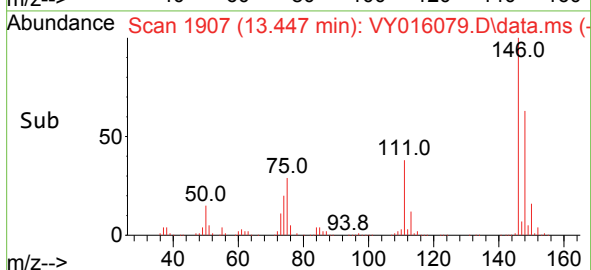
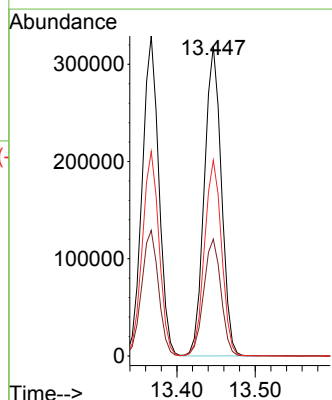
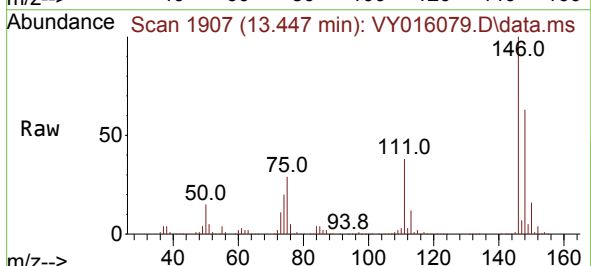
Tgt Ion:146 Resp: 480405

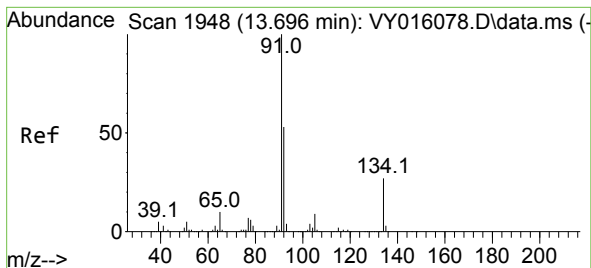
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 100.660 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

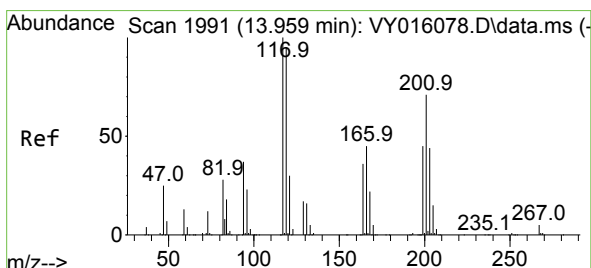
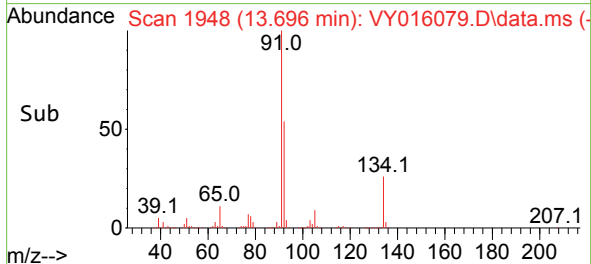
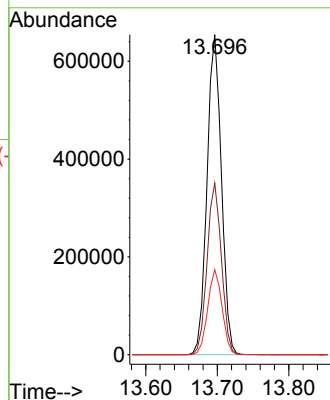
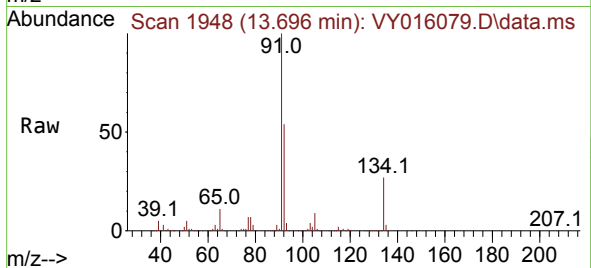
Tgt Ion: 91 Resp: 914517

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 100.008 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016079.D

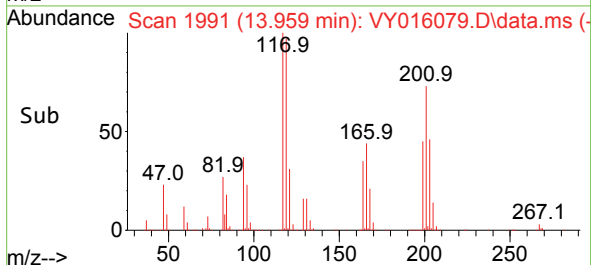
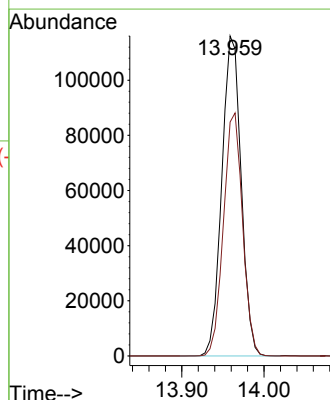
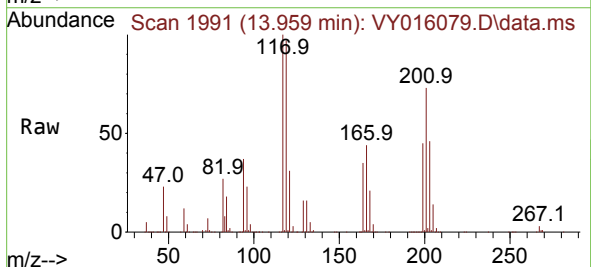
Acq: 26 Oct 2023 13:26

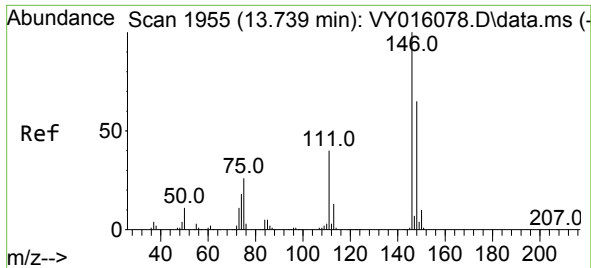
Tgt Ion: 117 Resp: 189632

Ion Ratio Lower Upper

117 100

201 75.1 41.6 124.8

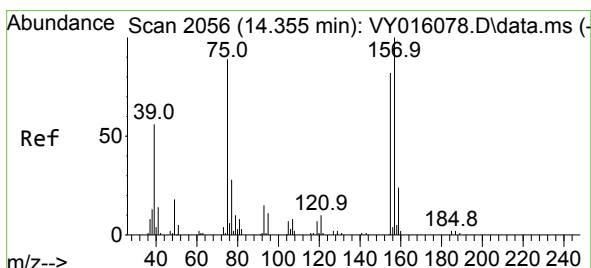
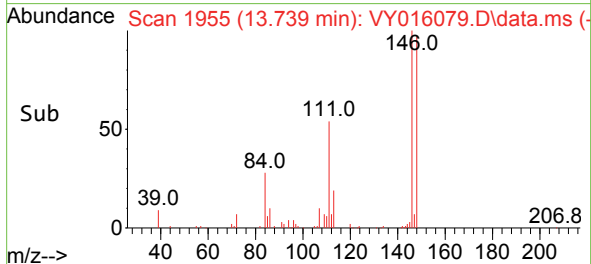
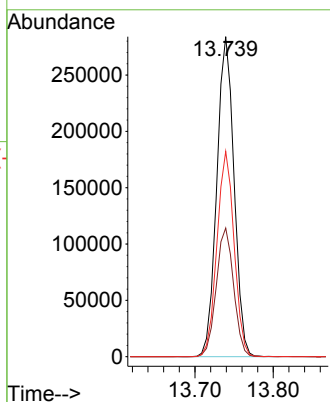
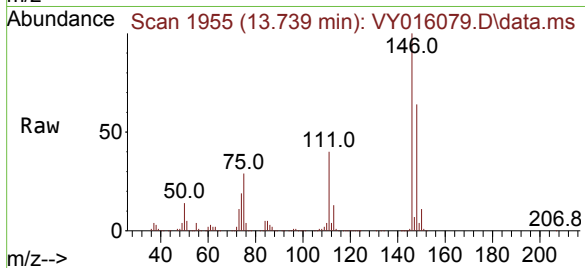




#91
1,2-Dichlorobenzene
Concen: 98.211 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

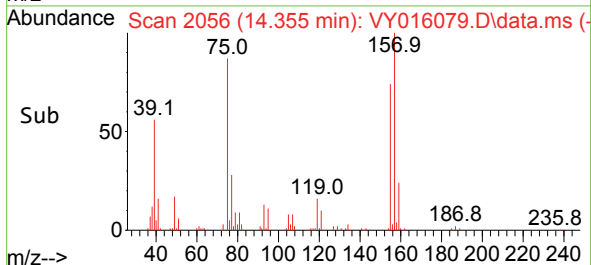
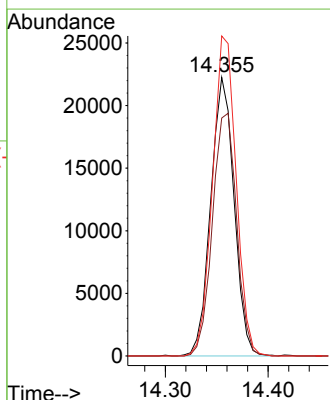
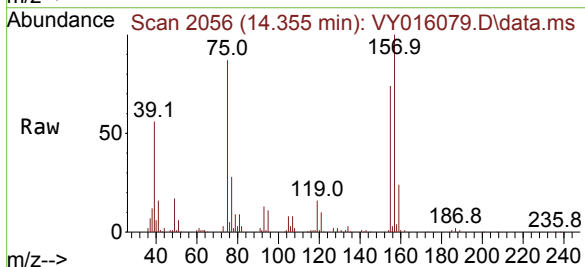
Instrument :
MSVOA_Y
ClientSampleId :

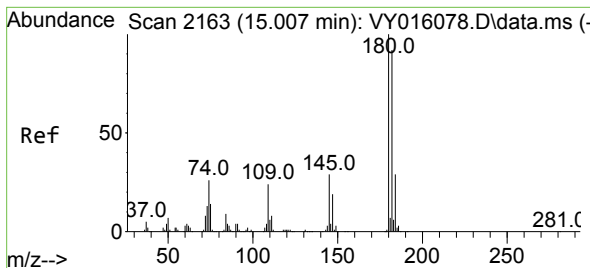
Tgt Ion:146 Resp: 435136
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 102.817 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY016079.D
Acq: 26 Oct 2023 13:26

Tgt Ion: 75 Resp: 35038
Ion Ratio Lower Upper
75 100
155 90.2 41.5 124.6
157 116.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 102.469 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

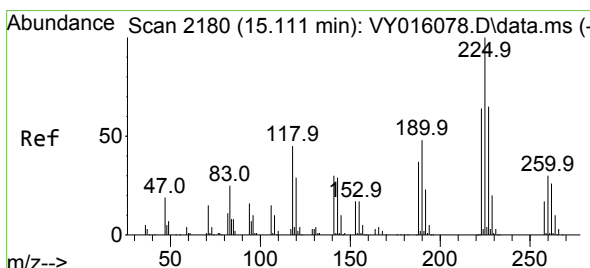
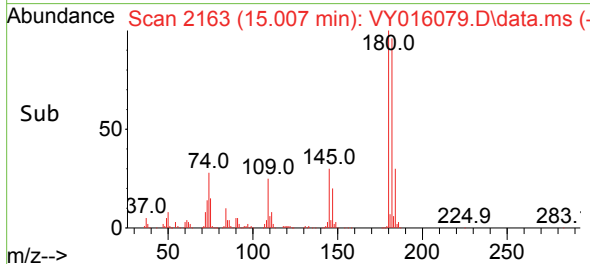
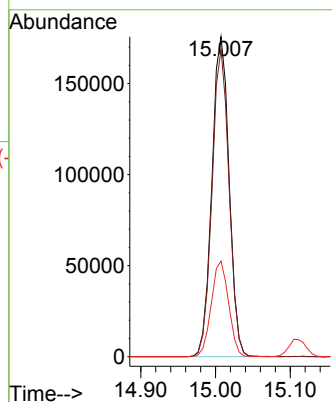
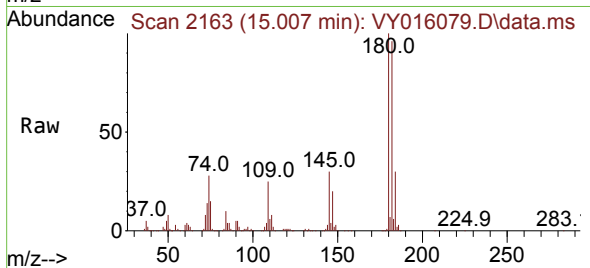
Tgt Ion:180 Resp: 280874

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 98.727 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

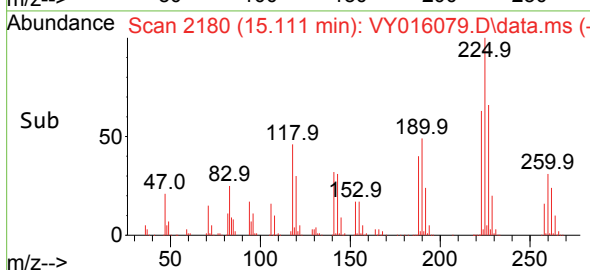
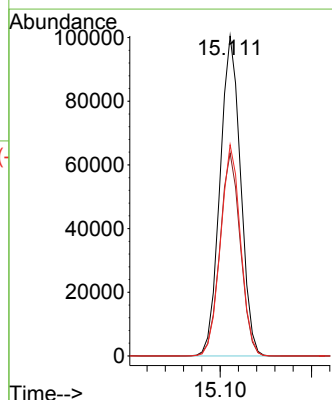
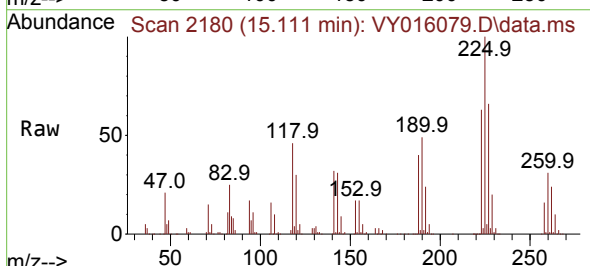
Tgt Ion:225 Resp: 157065

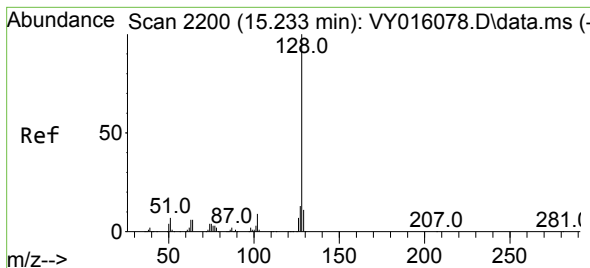
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 64.4 33.0 98.9





#95

Naphthalene

Concen: 108.949 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

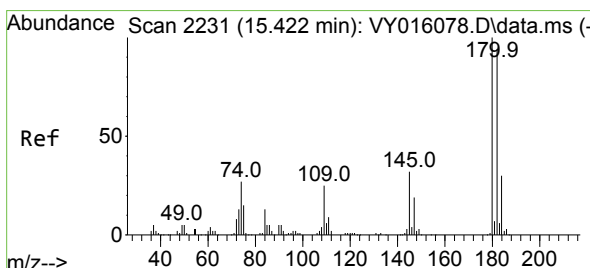
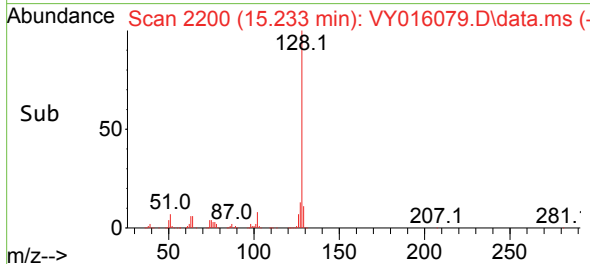
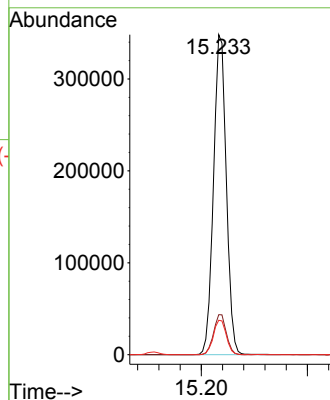
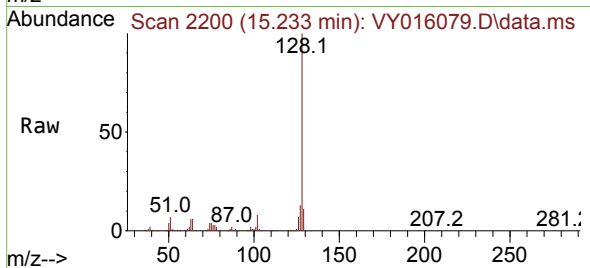
Tgt Ion:128 Resp: 582415

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 103.284 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016079.D

Acq: 26 Oct 2023 13:26

Tgt Ion:180 Resp: 244145

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 31.8 15.4 46.2

