

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016579.D
 Acq On : 04 Dec 2023 15:49
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 01:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	248567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	373620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	323511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	155035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	199775	86.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.920%#	
35) Dibromofluoromethane	7.734	113	197230	87.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 175.440%#	
50) Toluene-d8	10.191	98	755465	88.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 177.660%#	
62) 4-Bromofluorobenzene	12.495	95	252246	90.189	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 180.380%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	198001	90.178	ug/l	99
3) Chloromethane	2.119	50	204244	89.668	ug/l	99
4) Vinyl Chloride	2.259	62	212588	92.420	ug/l	96
5) Bromomethane	2.662	94	134012	93.008	ug/l	99
6) Chloroethane	2.802	64	134243	94.482	ug/l	96
7) Trichlorofluoromethane	3.137	101	417533	96.019	ug/l	99
8) Diethyl Ether	3.540	74	118437	97.794	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	235792	96.965	ug/l	98
10) Methyl Iodide	4.107	142	259718	101.085	ug/l	98
11) Tert butyl alcohol	4.972	59	77130	492.739	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	217760	98.577	ug/l	93
13) Acrolein	3.741	56	107275	471.392	ug/l	100
14) Allyl chloride	4.497	41	332463	98.619	ug/l	97
15) Acrylonitrile	5.180	53	235490	481.764	ug/l	99
16) Acetone	3.960	43	228041	438.638	ug/l	94
17) Carbon Disulfide	4.210	76	596933	96.384	ug/l	99
18) Methyl Acetate	4.491	43	210468	102.132	ug/l	94
19) Methyl tert-butyl Ether	5.241	73	541677	99.753	ug/l	99
20) Methylene Chloride	4.735	84	217197	98.001	ug/l	92
21) trans-1,2-Dichloroethene	5.241	96	237866	95.755	ug/l	95
22) Diisopropyl ether	6.137	45	662707	95.583	ug/l	89
23) Vinyl Acetate	6.076	43	1619740	486.642	ug/l	95
24) 1,1-Dichloroethane	6.033	63	403191	94.657	ug/l	98
25) 2-Butanone	7.002	43	323657	452.743	ug/l	96
26) 2,2-Dichloropropane	7.002	77	392321	97.972	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	265444	97.076	ug/l	94
28) Bromochloromethane	7.350	49	151940	88.064	ug/l	86
29) Tetrahydrofuran	7.362	42	199411	489.259	ug/l	93
30) Chloroform	7.521	83	431536	95.042	ug/l	95
31) Cyclohexane	7.801	56	359230	91.593	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	417894	97.251	ug/l	98
36) 1,1-Dichloropropene	7.935	75	329693	96.461	ug/l	98
37) Ethyl Acetate	7.088	43	136895	95.718	ug/l #	96
38) Carbon Tetrachloride	7.917	117	390108	98.592	ug/l	99
39) Methylcyclohexane	9.197	83	414673	100.698	ug/l	94
40) Benzene	8.173	78	912125	94.680	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	66452	82.510	ug/l	91
42) 1,2-Dichloroethane	8.252	62	266905	95.414	ug/l	96
43) Isopropyl Acetate	8.289	43	275024	99.683	ug/l	92
44) Trichloroethene	8.953	130	278614	95.899	ug/l	94
45) 1,2-Dichloropropane	9.228	63	221121	95.337	ug/l	98
46) Dibromomethane	9.319	93	121773	95.771	ug/l	98
47) Bromodichloromethane	9.508	83	328938	97.173	ug/l	97
48) Methyl methacrylate	9.307	41	162250	101.829	ug/l	93
49) 1,4-Dioxane	9.313	88	26220	2037.327	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	715386	498.942	ug/l	94
52) Toluene	10.258	92	590856	97.857	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	317837	99.490	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	370734	98.811	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	172562	97.428	ug/l	95
56) Ethyl methacrylate	10.520	69	169247	104.247	ug/l	90
57) 1,3-Dichloropropane	10.801	76	290156	96.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	533384	533.112	ug/l	92
59) 2-Hexanone	10.843	43	524253	483.338	ug/l	94
60) Dibromochloromethane	10.996	129	229883	97.139	ug/l	100
61) 1,2-Dibromoethane	11.099	107	164158	98.540	ug/l	99
64) Tetrachloroethene	10.733	164	283357	95.570	ug/l	97
65) Chlorobenzene	11.526	112	632522	96.531	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	245727	95.949	ug/l	100
67) Ethyl Benzene	11.605	91	1144914	97.427	ug/l	96
68) m/p-Xylenes	11.715	106	874864	196.108	ug/l	95
69) o-Xylene	12.038	106	415495	99.769	ug/l	97
70) Styrene	12.056	104	602080	100.762	ug/l	99
71) Bromoform	12.221	173	138044	99.823	ug/l #	99
73) Isopropylbenzene	12.343	105	1138698	99.191	ug/l	99
74) N-amyl acetate	12.154	43	233422	101.972	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.593	83	170148	93.185	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	239986	167.189	ug/l #	100
77) Bromobenzene	12.617	156	262187	96.906	ug/l	92
78) n-propylbenzene	12.684	91	1311347	98.142	ug/l	98
79) 2-Chlorotoluene	12.770	91	732408	97.272	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	924517	99.111	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	61534	99.115	ug/l	96
82) 4-Chlorotoluene	12.867	91	749635	96.217	ug/l	98
83) tert-Butylbenzene	13.087	119	829055	99.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	908317	99.690	ug/l	98
85) sec-Butylbenzene	13.264	105	1143285	97.670	ug/l	98
86) p-Isopropyltoluene	13.379	119	1013310	99.724	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	497987	96.420	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	489663	96.605	ug/l	100
89) n-Butylbenzene	13.709	91	896552	98.113	ug/l	95
90) Hexachloroethane	13.971	117	193193	96.630	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	433024	97.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	29150	99.762	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	264370	105.655	ug/l	99
94) Hexachlorobutadiene	15.123	225	144648	91.498	ug/l	99
95) Naphthalene	15.245	128	461108	96.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	215488	97.154	ug/l	99

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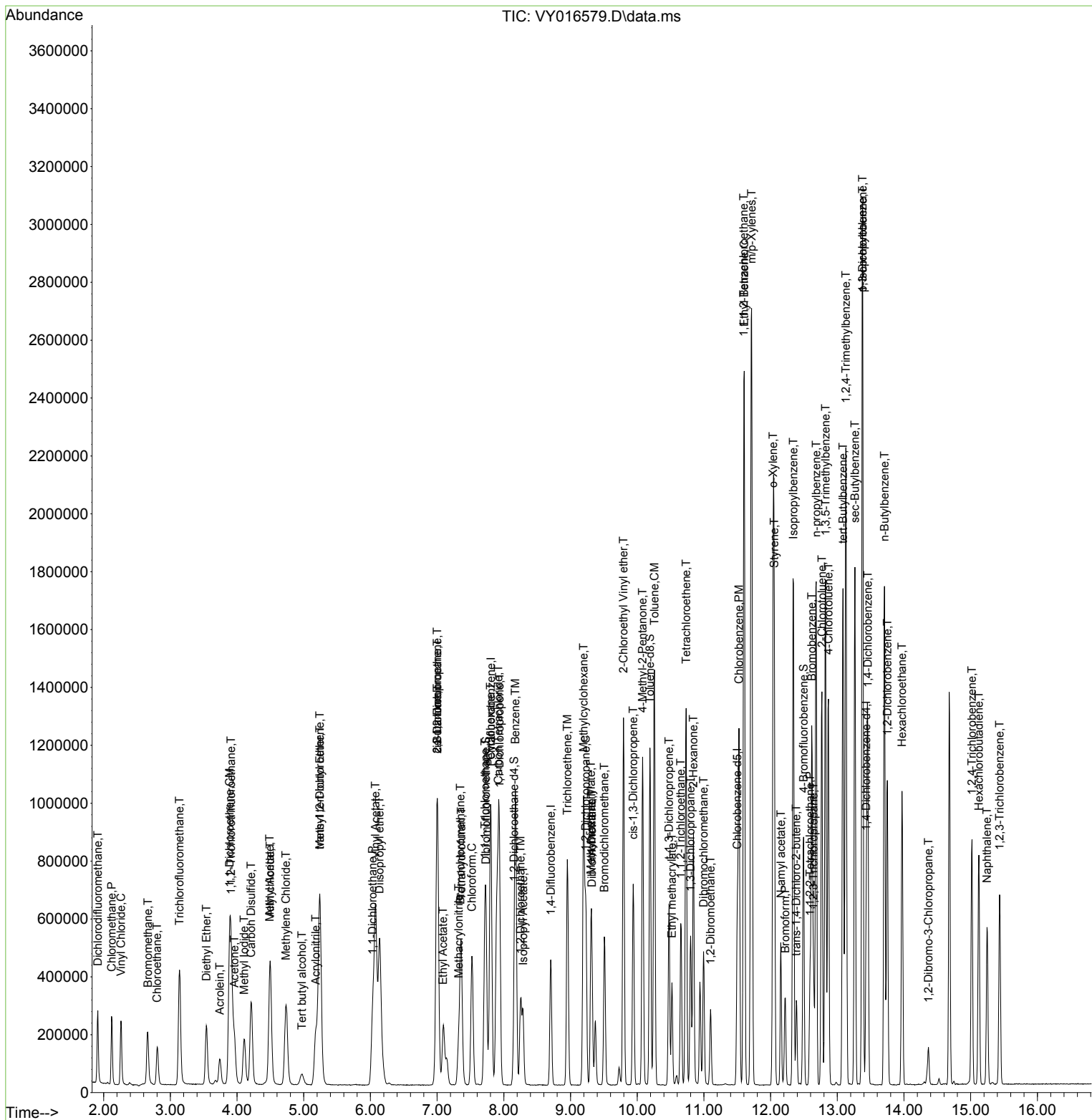
Instrument :
MSVOA_Y
ClientSampleId :

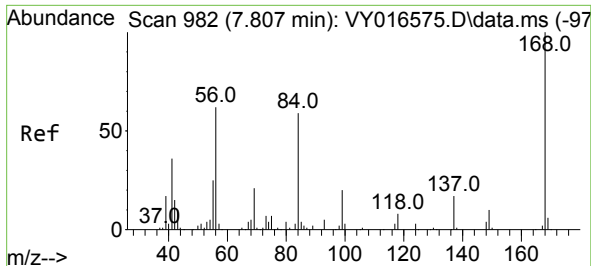
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

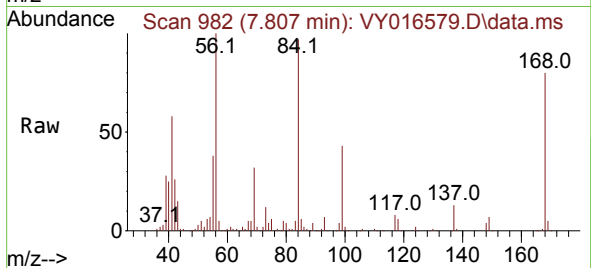
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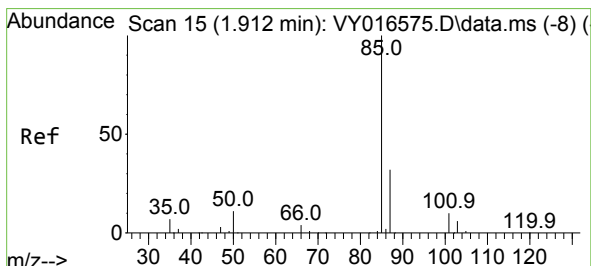
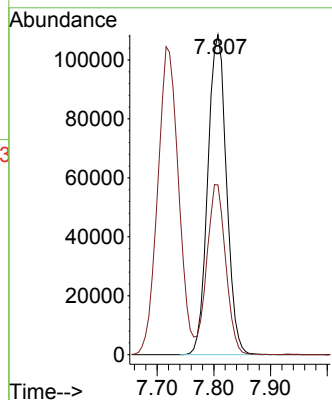
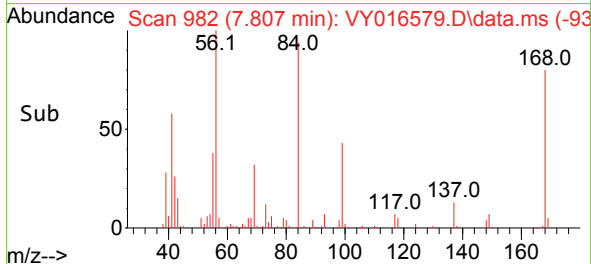


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016579.D
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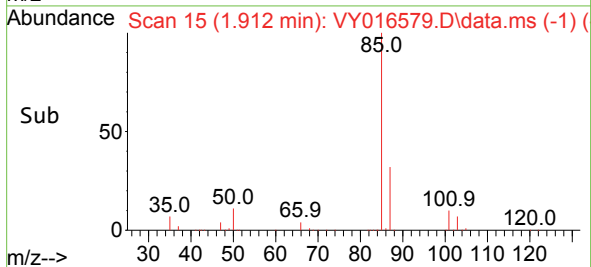
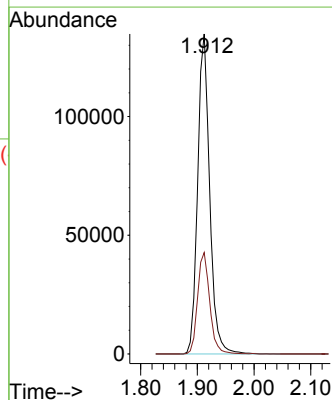
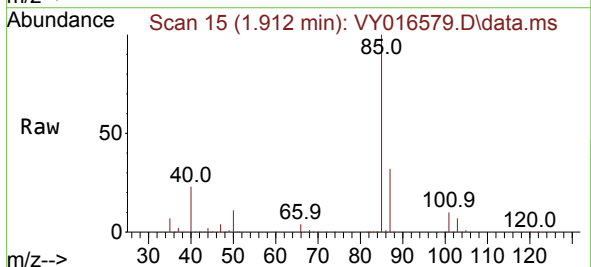


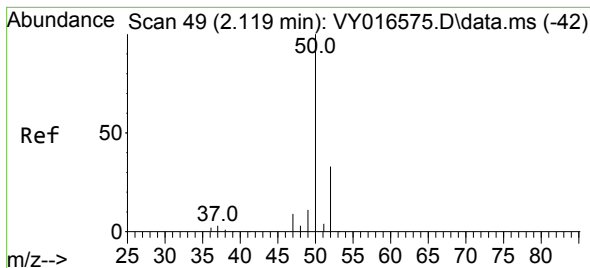
Tgt Ion:168 Resp: 248567
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 90.178 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 85 Resp: 198001
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3

Chloromethane

Concen: 89.668 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

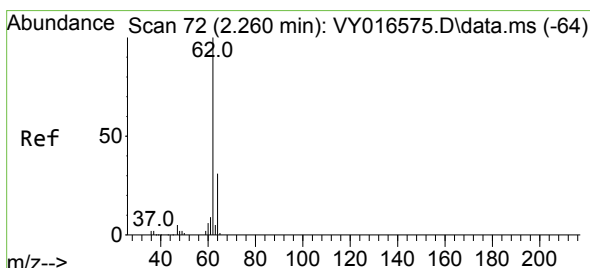
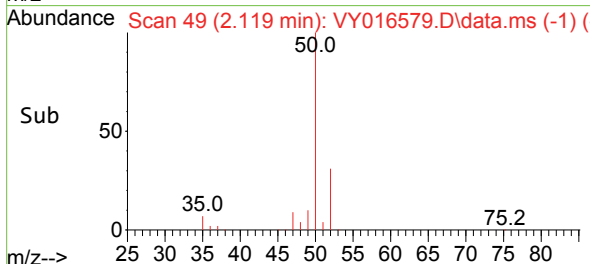
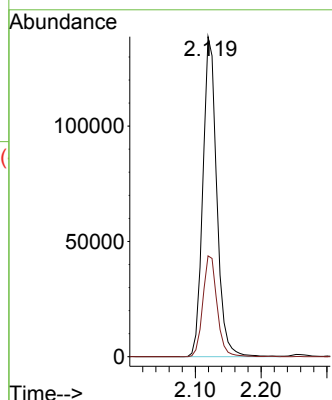
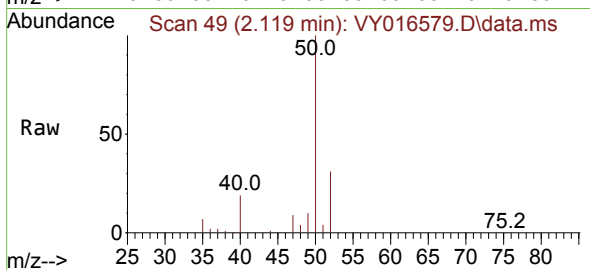
ClientSampleId :

Tgt Ion: 50 Resp: 204244

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 92.420 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016579.D

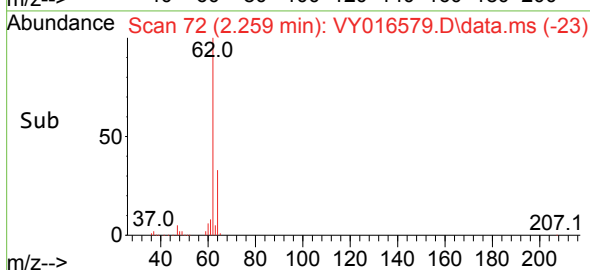
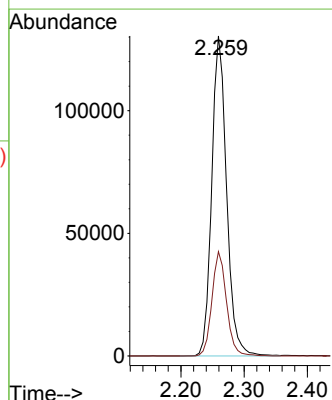
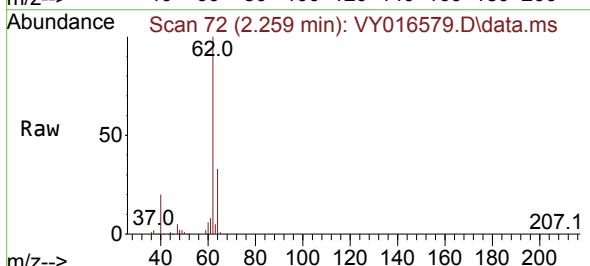
Acq: 04 Dec 2023 15:49

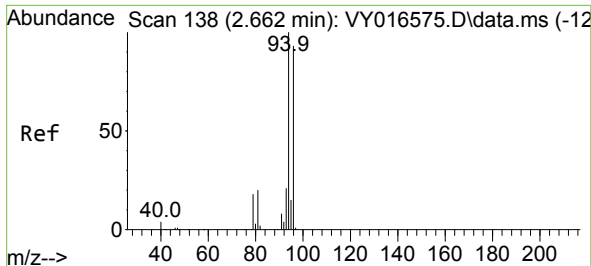
Tgt Ion: 62 Resp: 212588

Ion Ratio Lower Upper

62 100

64 32.6 24.3 36.5





#5

Bromomethane

Concen: 93.008 ug/l

RT: 2.662 min Scan# 138

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

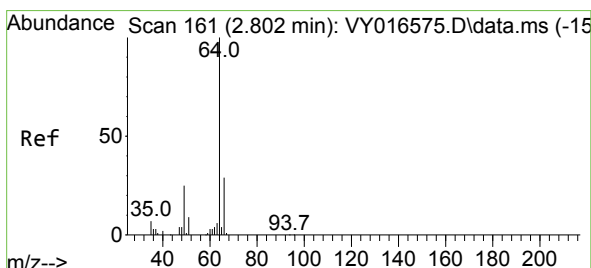
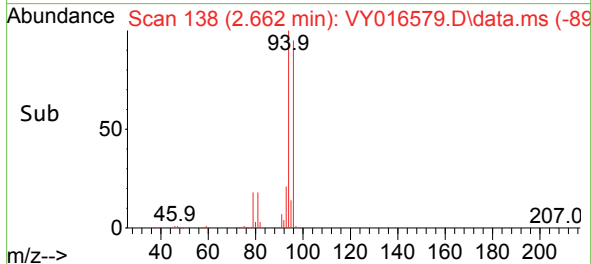
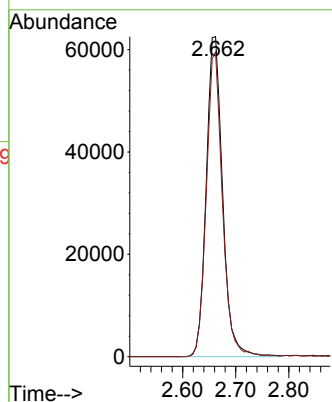
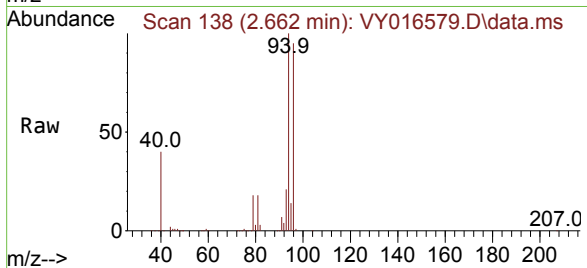
ClientSampleId :

Tgt Ion: 94 Resp: 134012

Ion Ratio Lower Upper

94 100

96 95.2 75.8 113.6



#6

Chloroethane

Concen: 94.482 ug/l

RT: 2.802 min Scan# 161

Delta R.T. -0.000 min

Lab File: VY016579.D

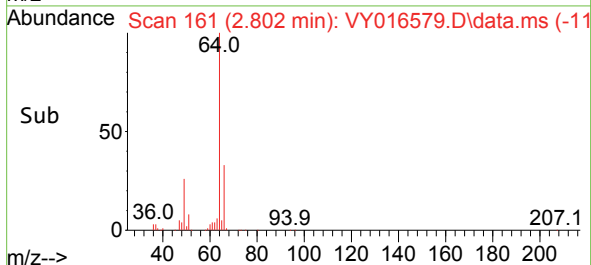
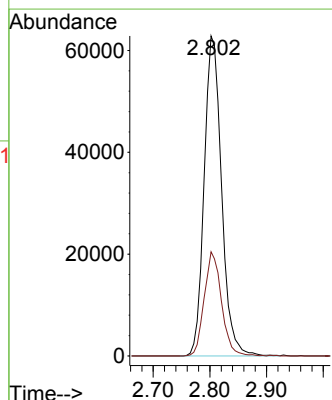
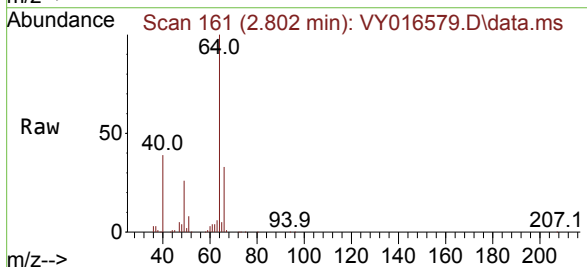
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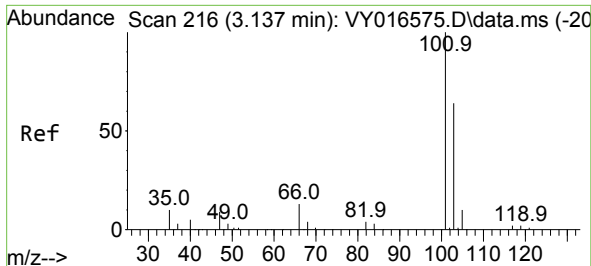
Tgt Ion: 64 Resp: 134243

Ion Ratio Lower Upper

64 100

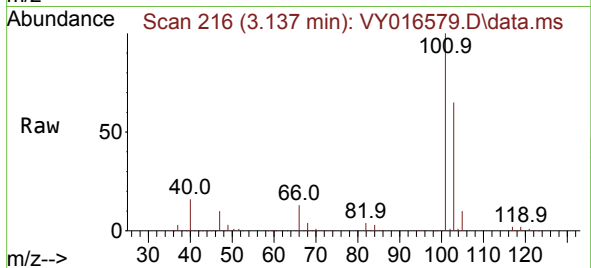
66 32.6 24.4 36.6



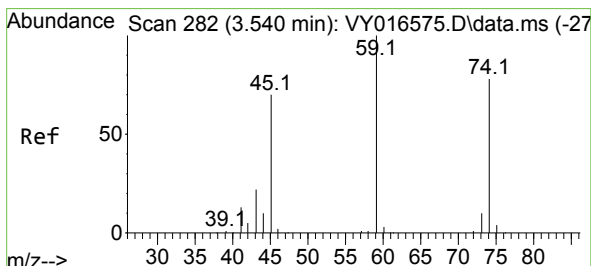
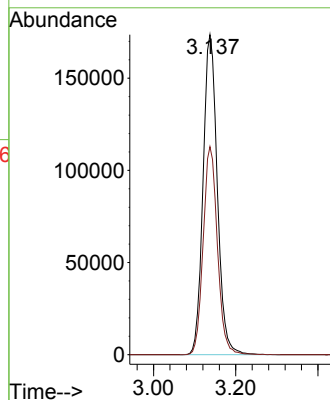
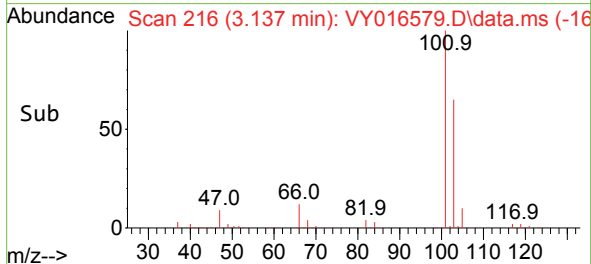


#7
 Trichlorofluoromethane
 Concen: 96.019 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :

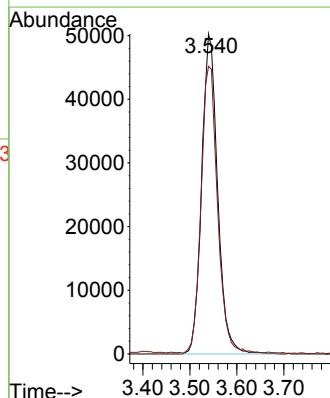
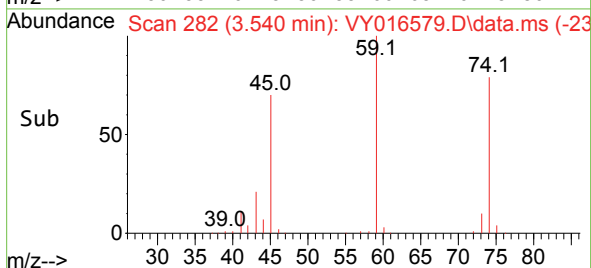
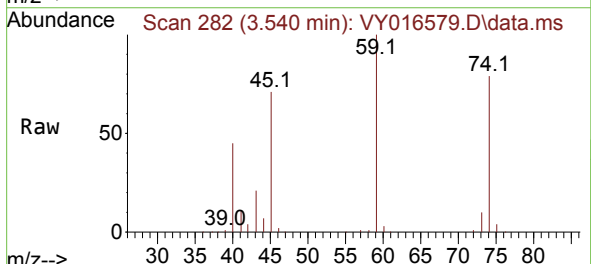


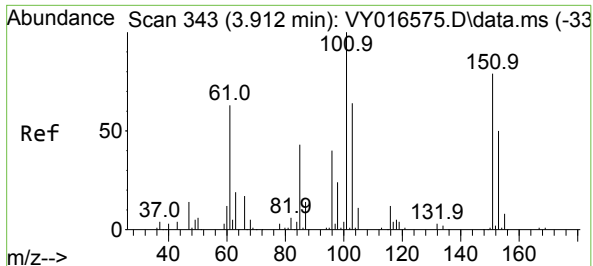
Tgt Ion:101 Resp: 417533
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 97.794 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

Tgt Ion: 74 Resp: 118437
 Ion Ratio Lower Upper
 74 100
 45 92.4 51.5 154.5

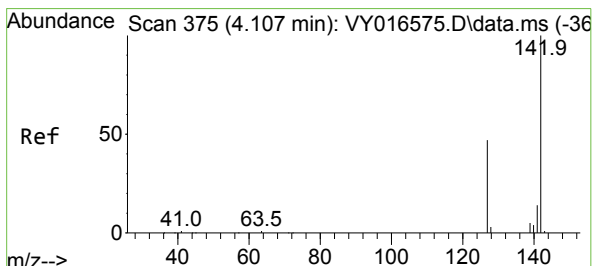
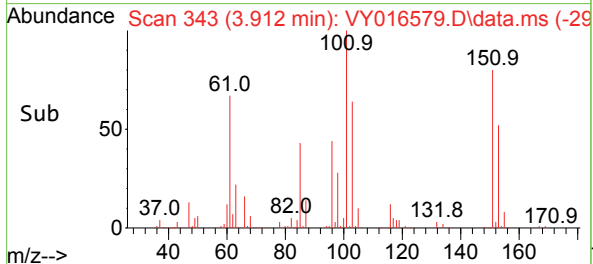
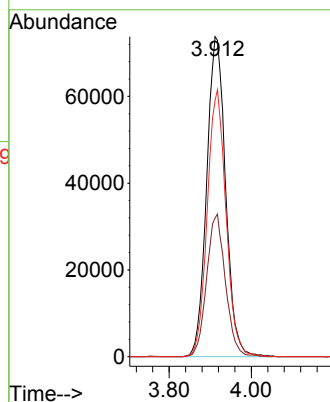
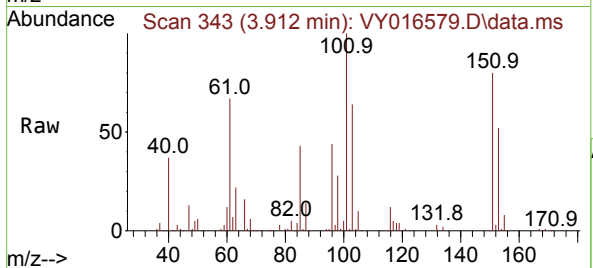




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.965 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016579.D
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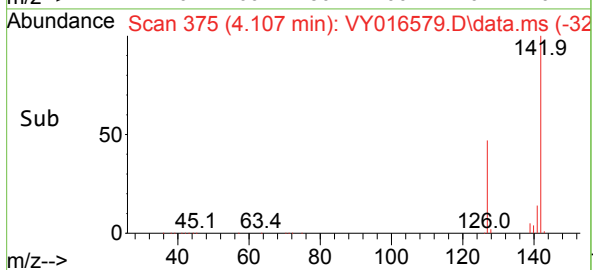
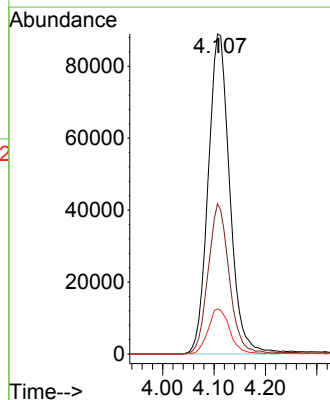
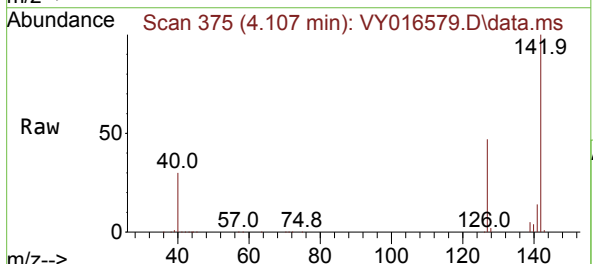
Instrument :
MSVOA_Y
ClientSampleId :

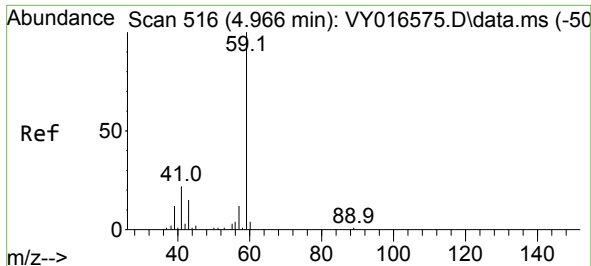
Tgt Ion:101 Resp: 235792
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 82.6 67.0 100.6



#10
Methyl Iodide
Concen: 101.085 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

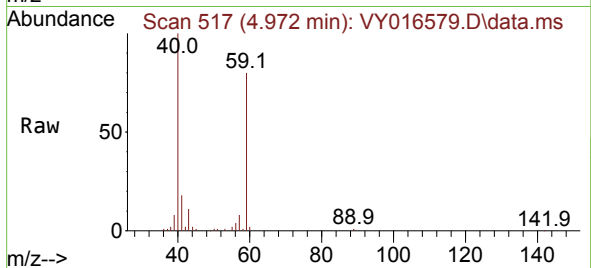
Tgt Ion:142 Resp: 259718
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.2 11.8 17.8



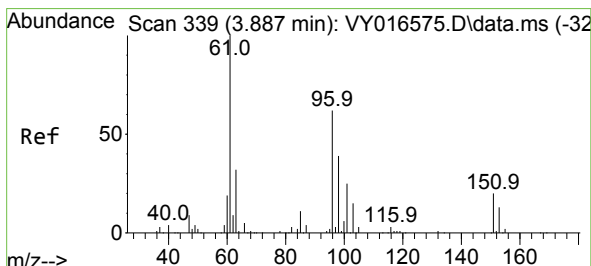
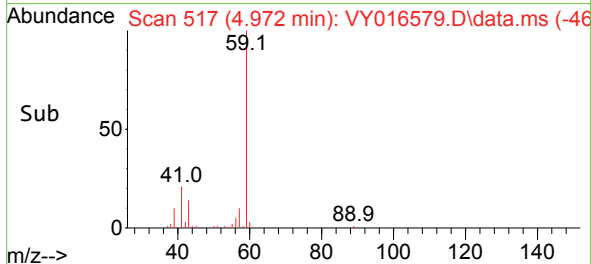
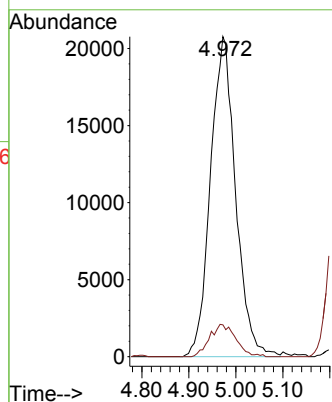


#11
Tert butyl alcohol
Concen: 492.739 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

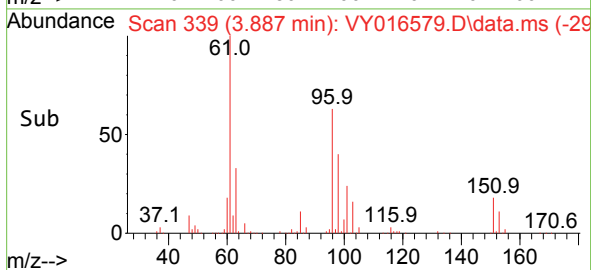
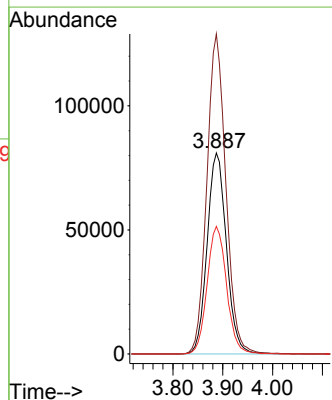
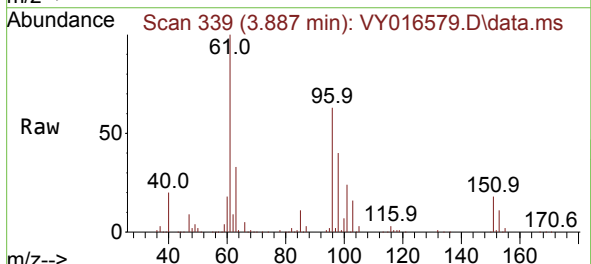


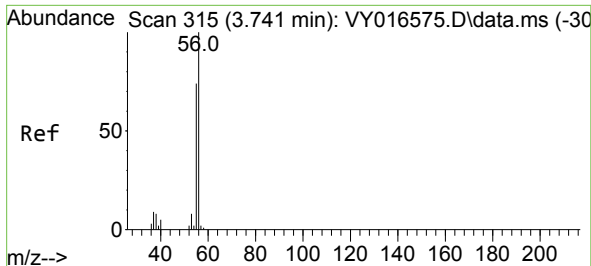
Tgt Ion: 59 Resp: 77130
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 98.577 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 96 Resp: 217760
Ion Ratio Lower Upper
96 100
61 159.2 136.4 204.6
98 63.4 49.4 74.2





#13

Acrolein

Concen: 471.392 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

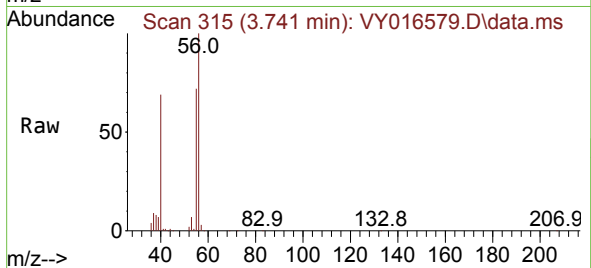
Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

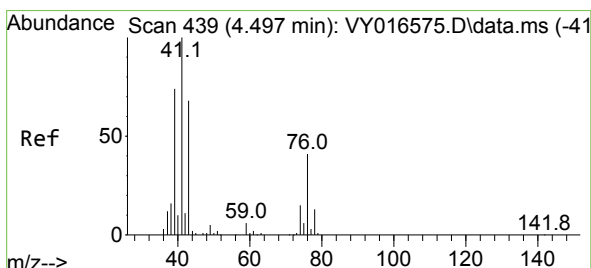
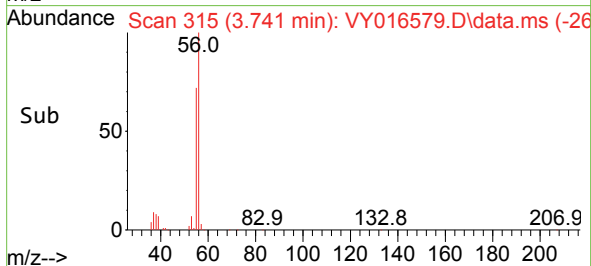
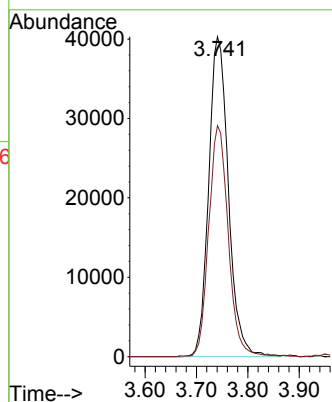


Tgt Ion: 56 Resp: 107275

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 98.619 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

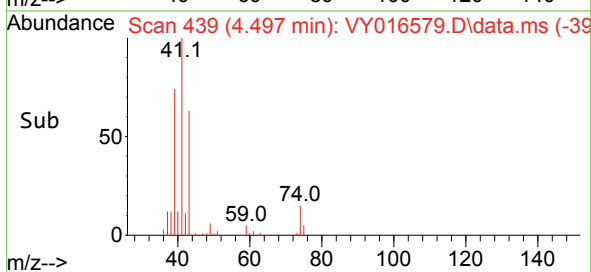
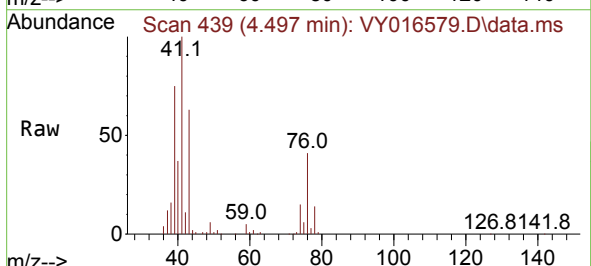
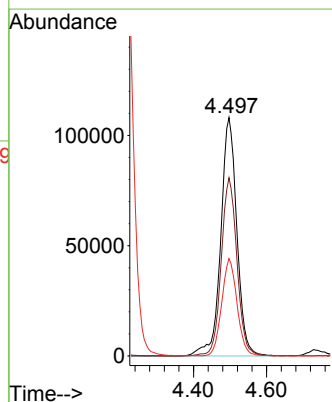
Tgt Ion: 41 Resp: 332463

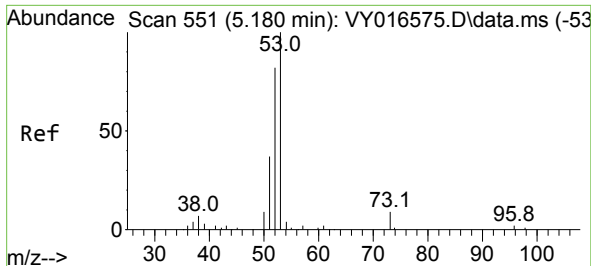
Ion Ratio Lower Upper

41 100

39 73.0 58.0 87.0

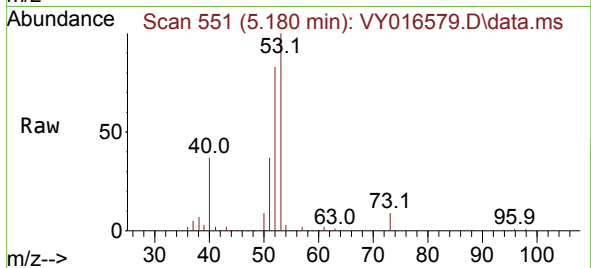
76 38.9 27.4 41.2



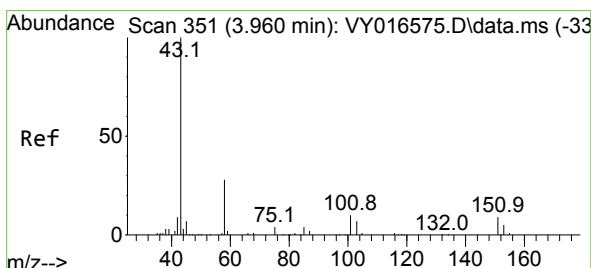
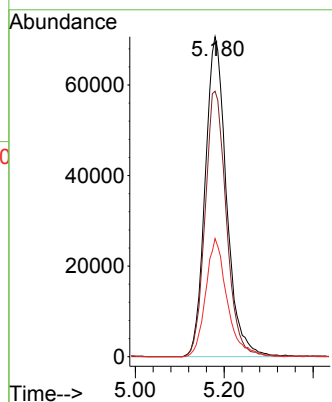
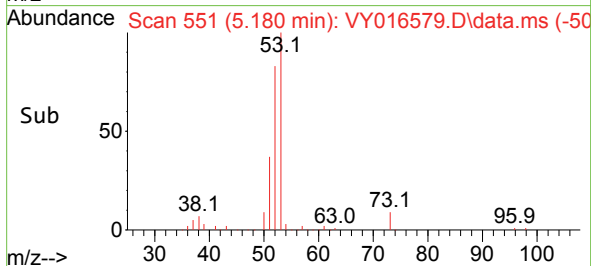


#15
Acrylonitrile
Concen: 481.764 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

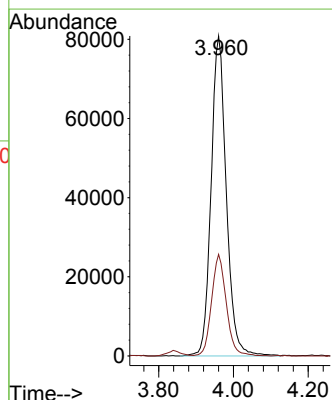
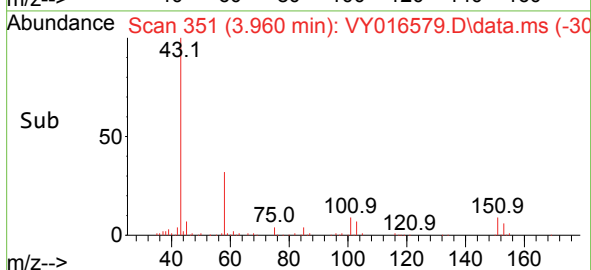
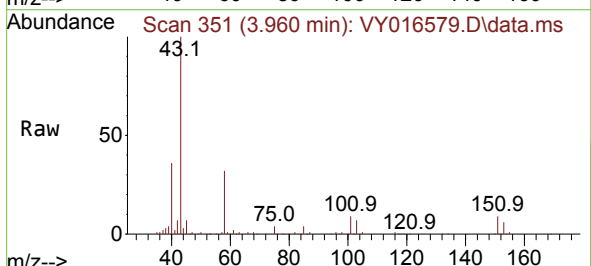


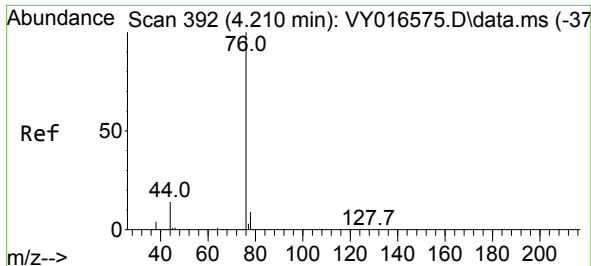
Tgt Ion: 53 Resp: 235490
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.2 29.8 44.6



#16
Acetone
Concen: 438.638 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 43 Resp: 228041
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1

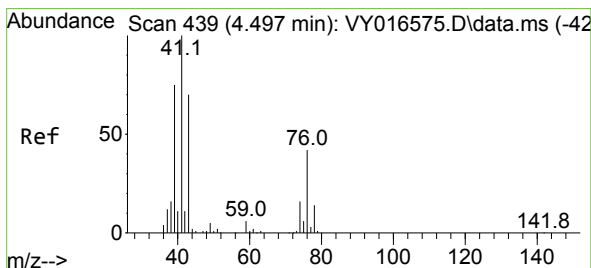
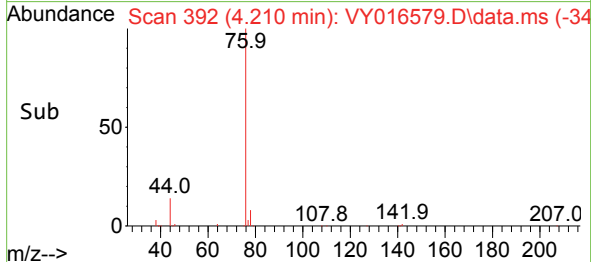
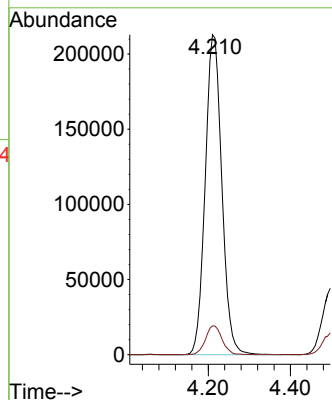
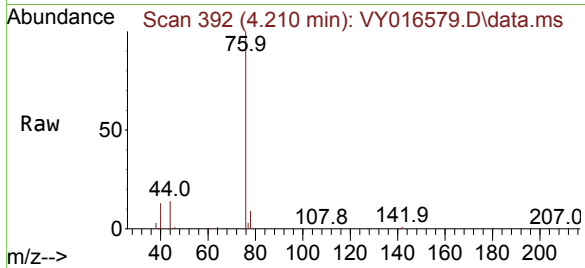




#17
Carbon Disulfide
Concen: 96.384 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

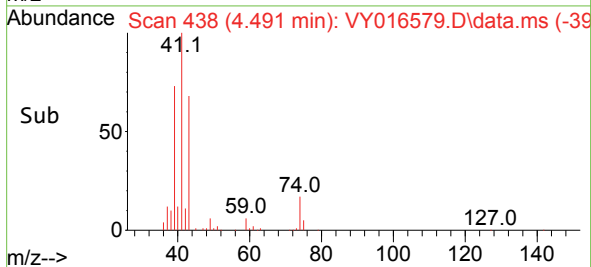
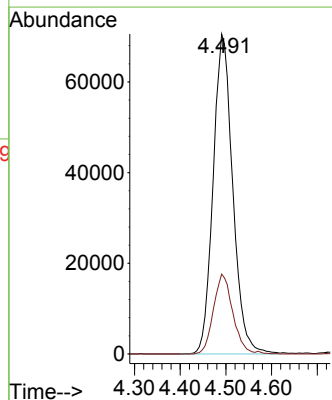
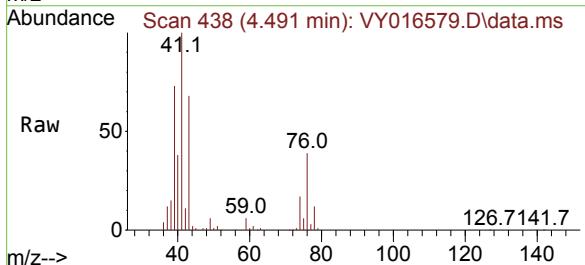
Instrument :
MSVOA_Y
ClientSampleId :

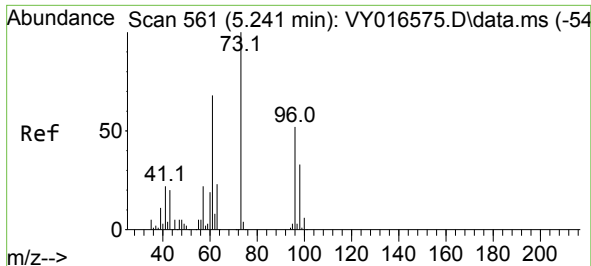
Tgt Ion: 76 Resp: 596933
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 102.132 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 43 Resp: 210468
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 99.753 ug/l

RT: 5.241 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

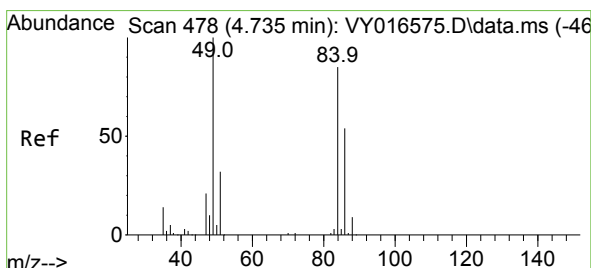
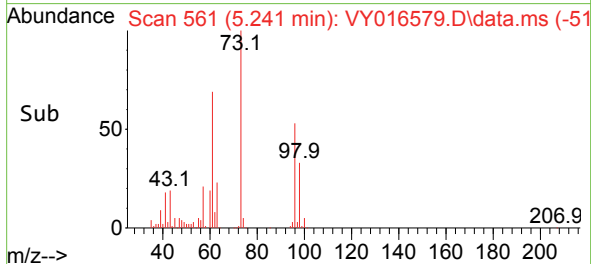
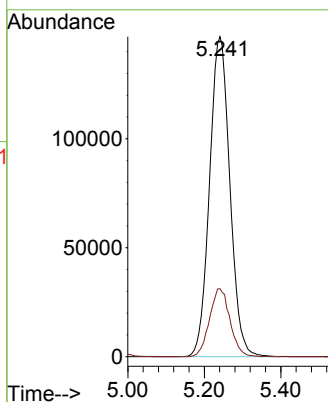
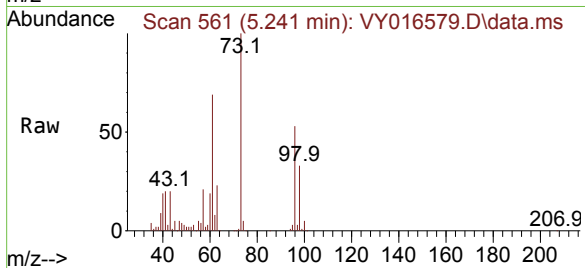
ClientSampleId :

Tgt Ion: 73 Resp: 541677

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 98.001 ug/l

RT: 4.735 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Tgt Ion: 84 Resp: 217197

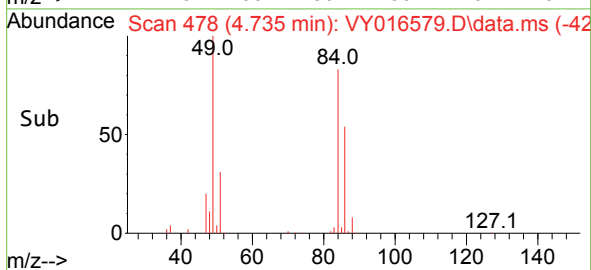
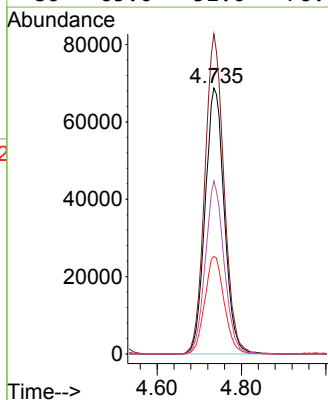
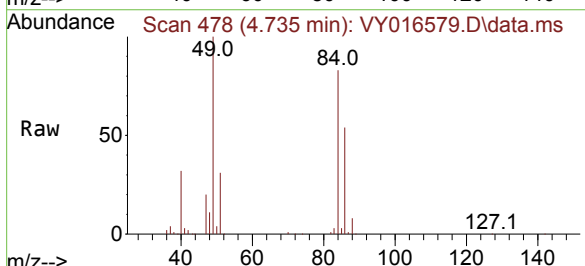
Ion Ratio Lower Upper

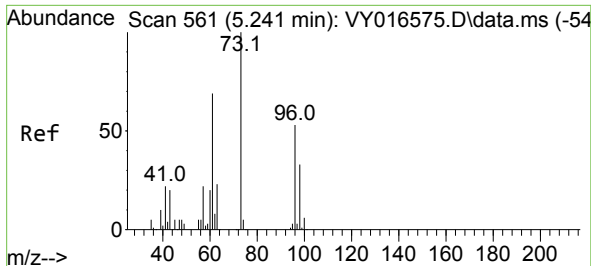
84 100

49 120.3 106.9 160.3

51 36.7 33.2 49.8

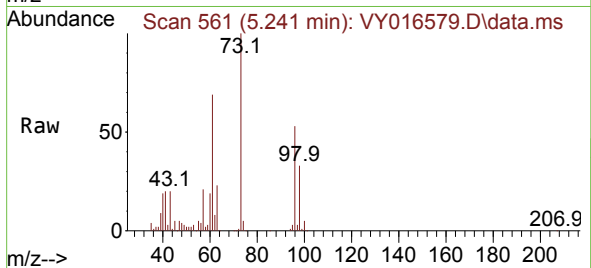
86 65.0 51.0 76.6



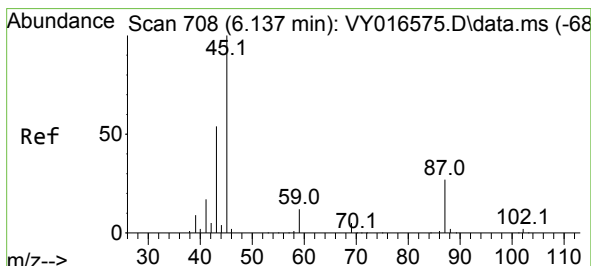
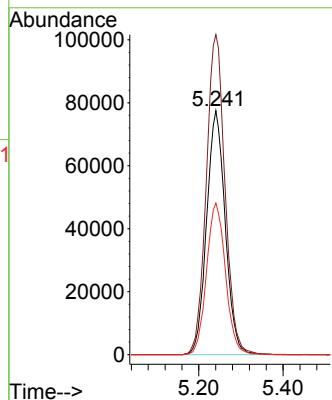
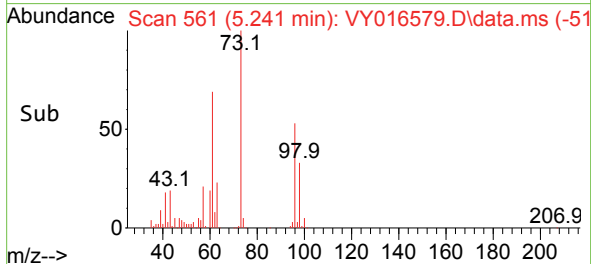


#21
trans-1,2-Dichloroethene
Concen: 95.755 ug/l
RT: 5.241 min Scan# 561
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

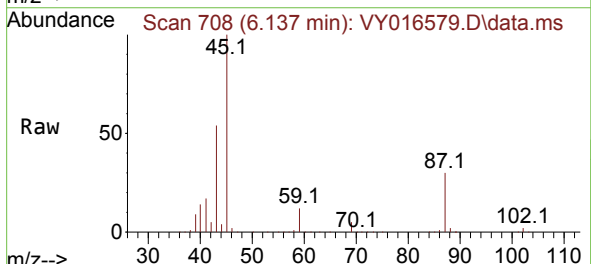
Instrument :
MSVOA_Y
ClientSampleId :



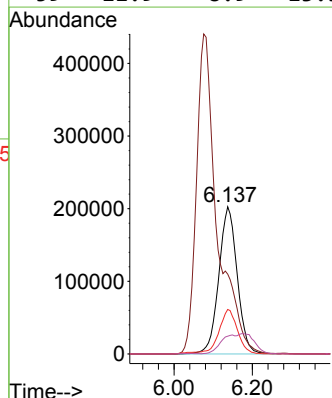
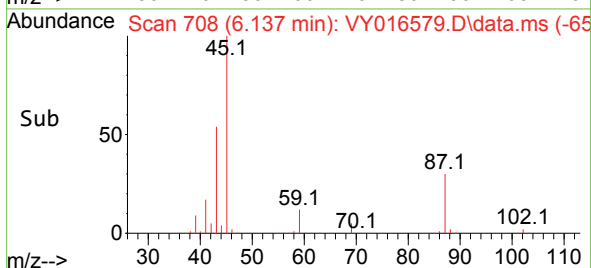
Tgt Ion: 96 Resp: 237866
Ion Ratio Lower Upper
96 100
61 131.0 110.2 165.4
98 62.1 51.8 77.6

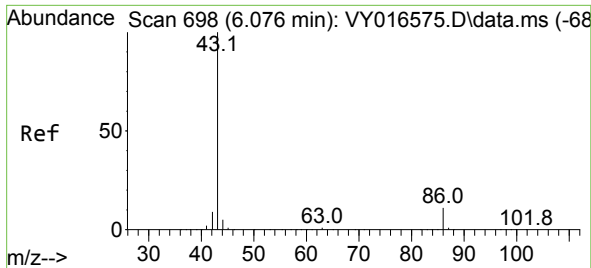


#22
Diisopropyl ether
Concen: 95.583 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49



Tgt Ion: 45 Resp: 662707
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 30.2 21.0 31.6
59 11.9 8.9 13.3

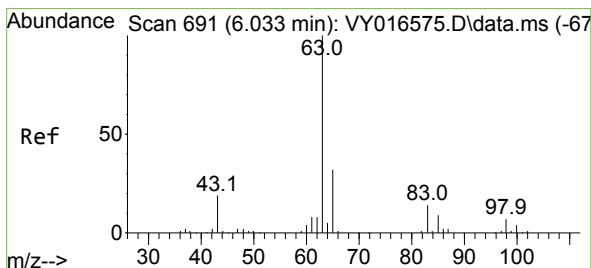
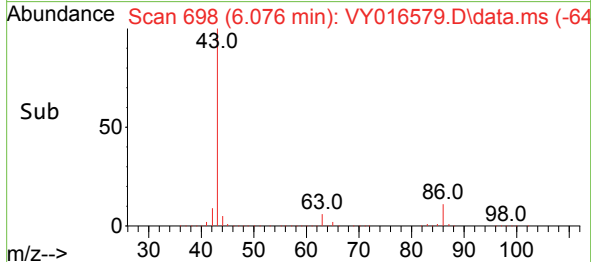
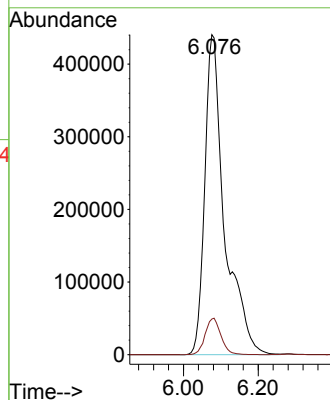
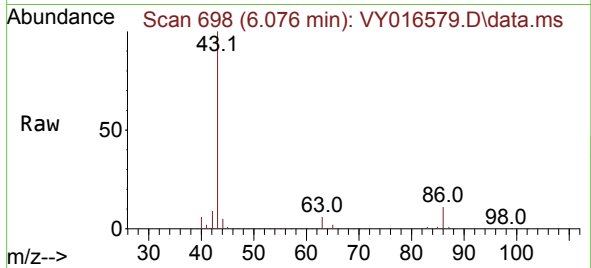




#23
 Vinyl Acetate
 Concen: 486.642 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

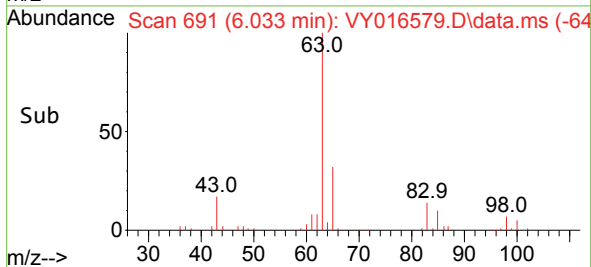
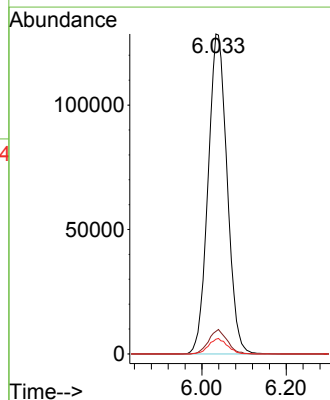
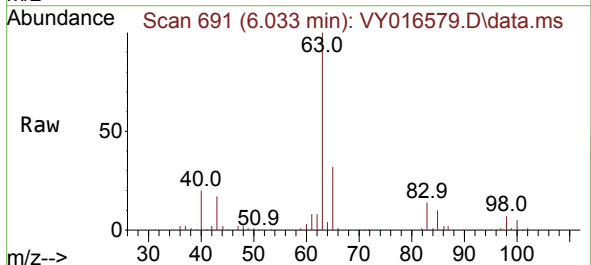
Instrument :
 MSVOA_Y
 ClientSampleId :

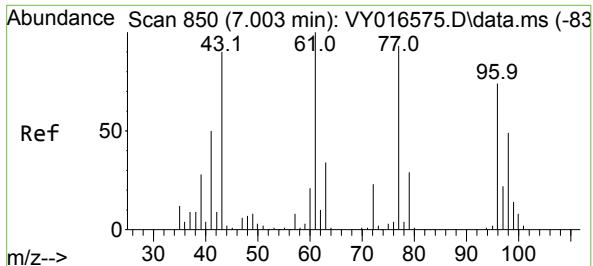
Tgt Ion: 43 Resp: 1619740
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 94.657 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

Tgt Ion: 63 Resp: 403191
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.6 1.8 5.5

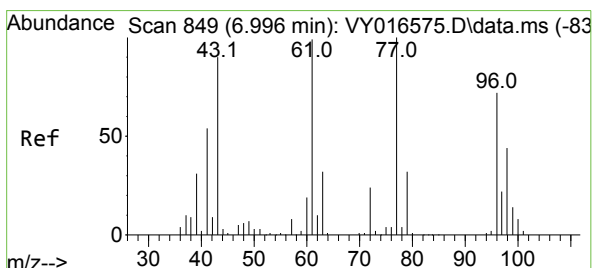
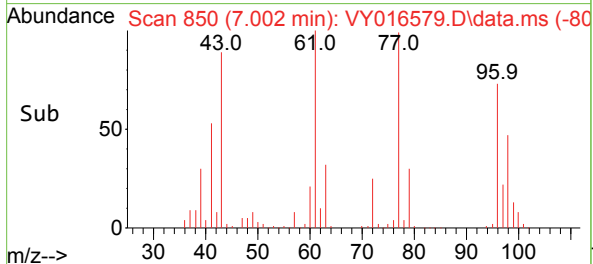
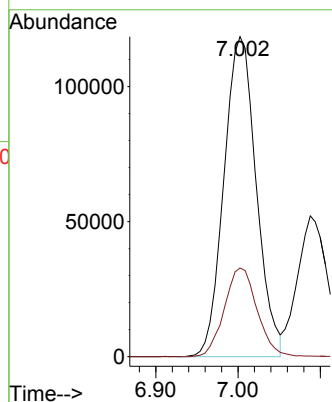
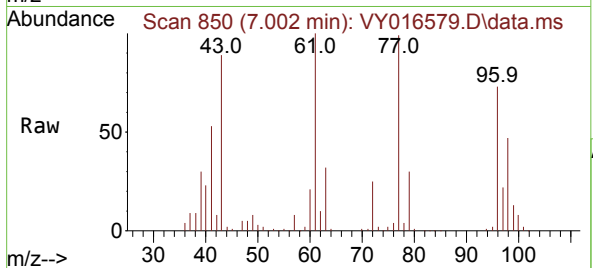




#25
2-Butanone
Concen: 452.743 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

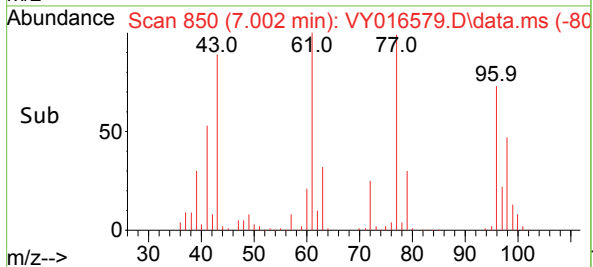
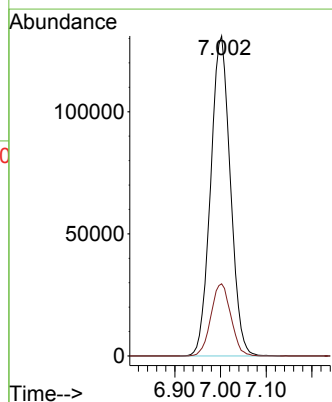
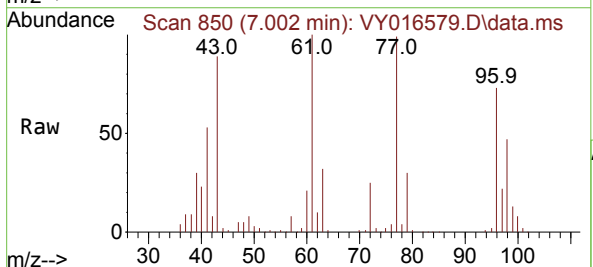
Instrument :
MSVOA_Y
ClientSampleId :

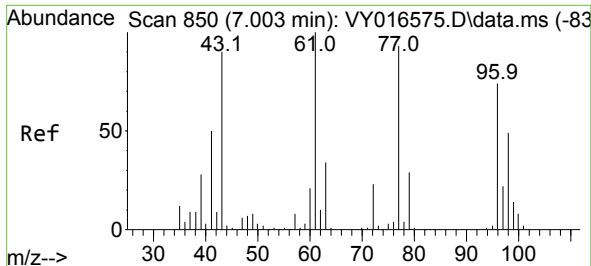
Tgt Ion: 43 Resp: 323657
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 97.972 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 77 Resp: 392321
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 97.076 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

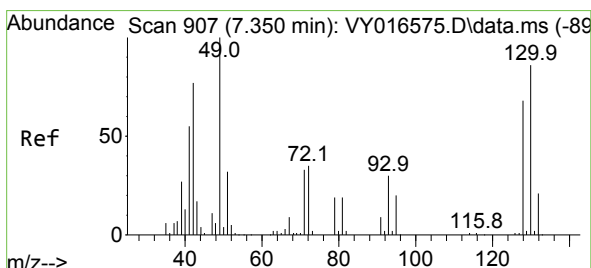
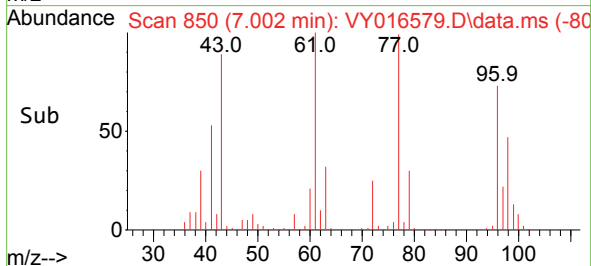
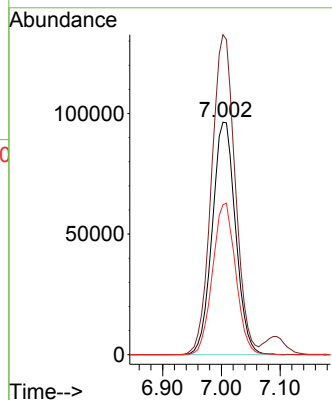
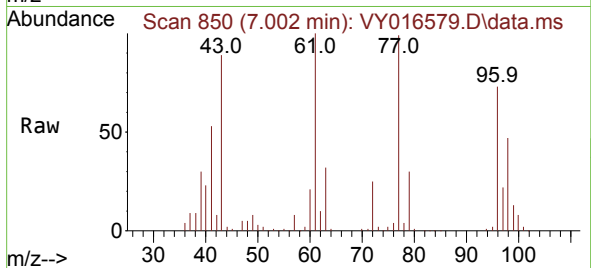
Tgt Ion: 96 Resp: 265444

Ion Ratio Lower Upper

96 100

61 139.9 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 88.064 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

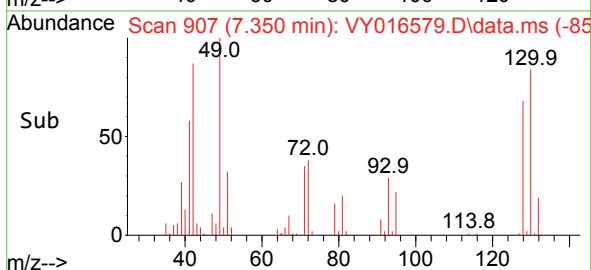
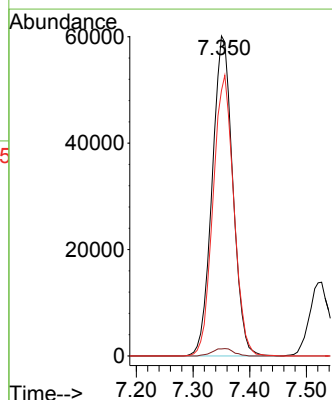
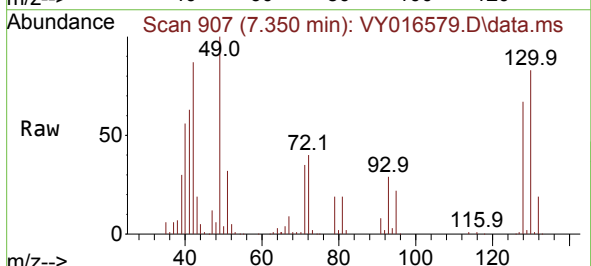
Tgt Ion: 49 Resp: 151940

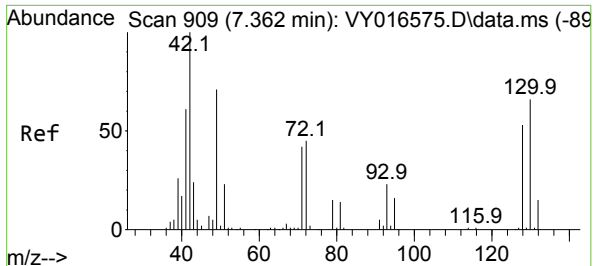
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 88.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 489.259 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

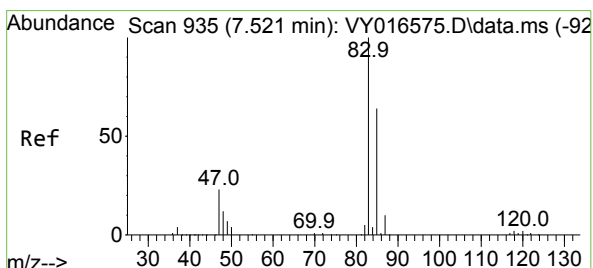
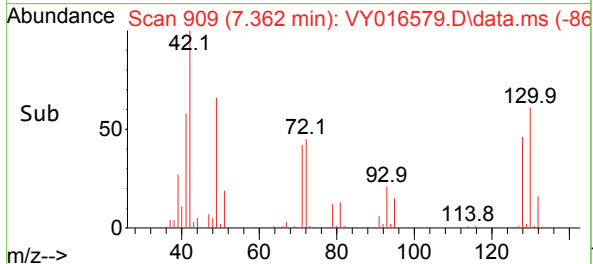
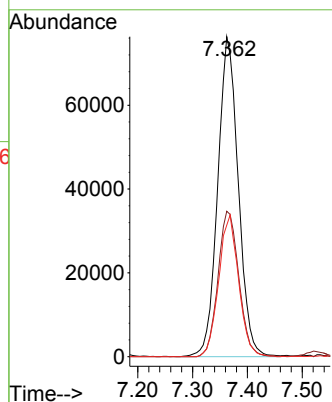
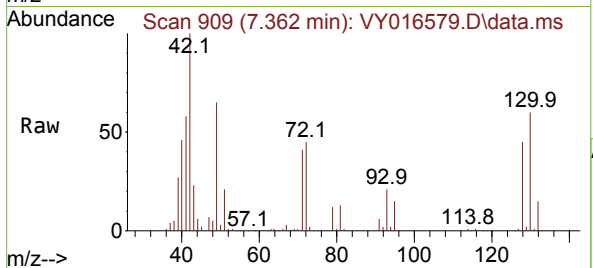
Tgt Ion: 42 Resp: 199411

Ion Ratio Lower Upper

42 100

72 46.0 32.8 49.2

71 42.9 31.0 46.4



#30

Chloroform

Concen: 95.042 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016579.D

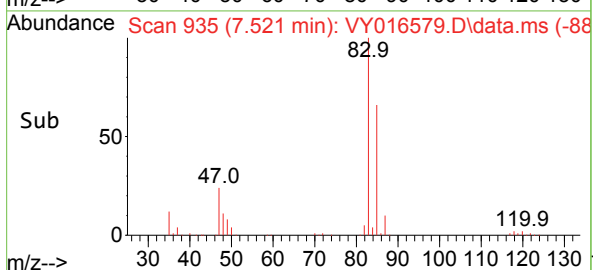
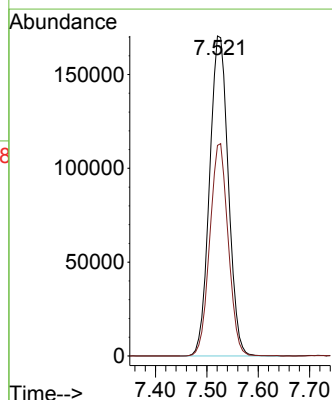
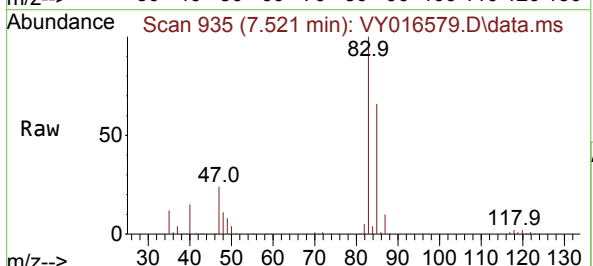
Acq: 04 Dec 2023 15:49

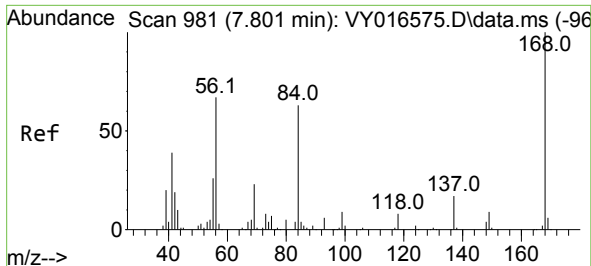
Tgt Ion: 83 Resp: 431536

Ion Ratio Lower Upper

83 100

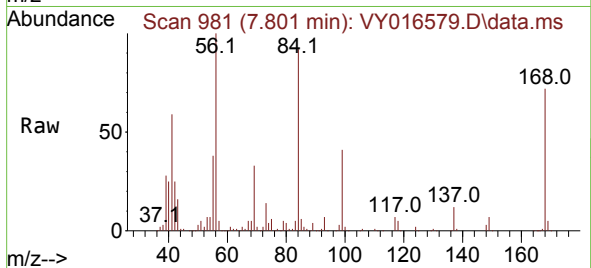
85 65.8 49.7 74.5



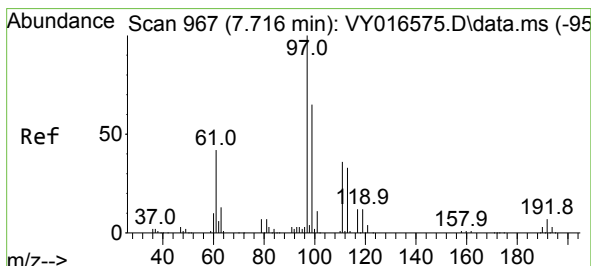
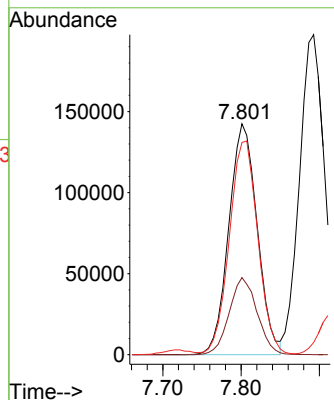
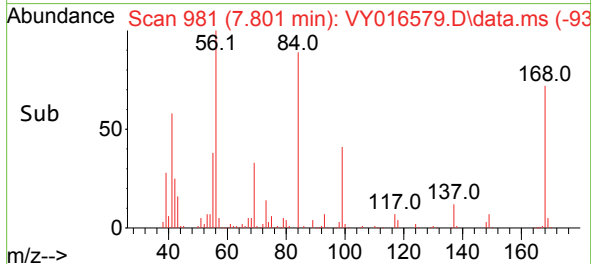


#31
Cyclohexane
Concen: 91.593 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

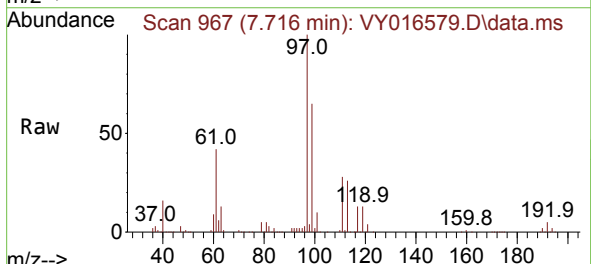
Instrument :
MSVOA_Y
ClientSampleId :



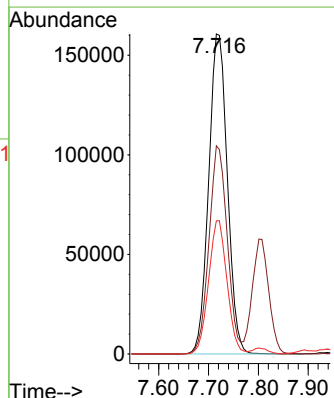
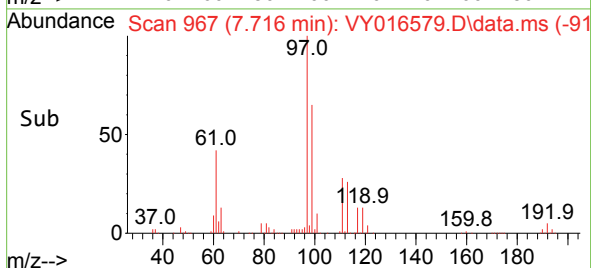
Tgt Ion: 56 Resp: 359230
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.6
84 89.8 66.4 99.6

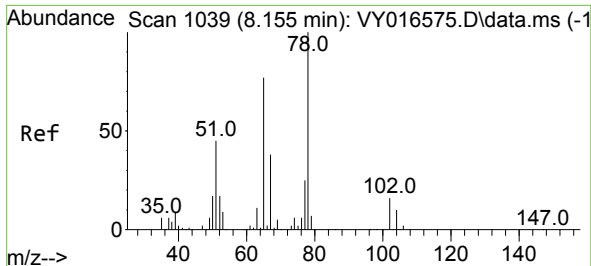


#32
1,1,1-Trichloroethane
Concen: 97.251 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49



Tgt Ion: 97 Resp: 417894
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 41.2 35.1 52.7

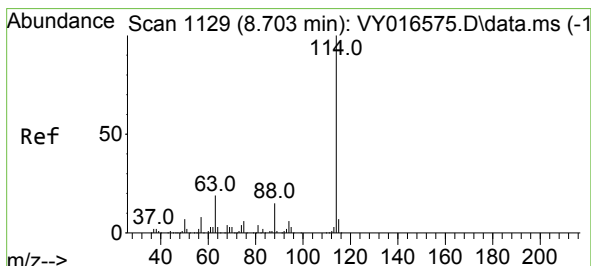
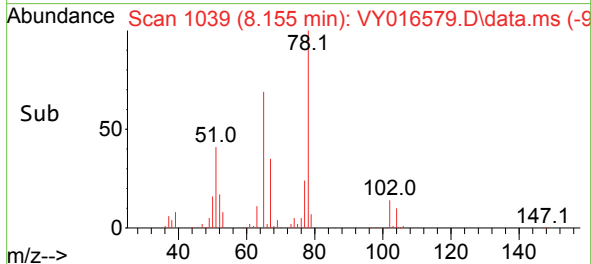
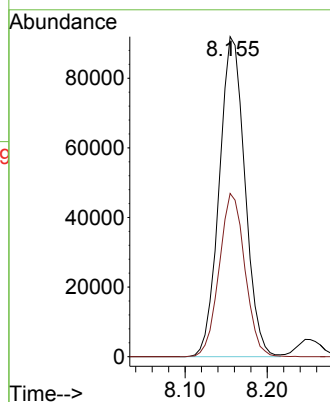
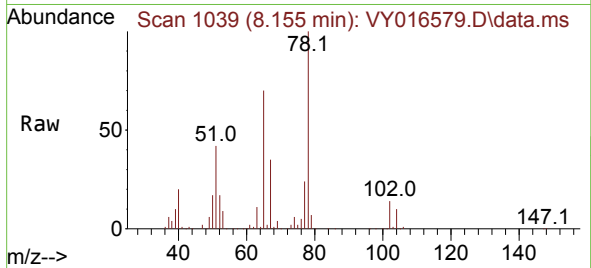




#33
 1,2-Dichloroethane-d4
 Concen: 86.956 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

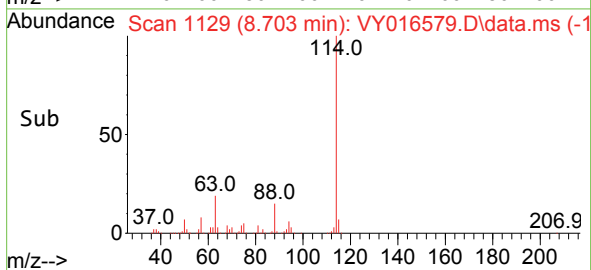
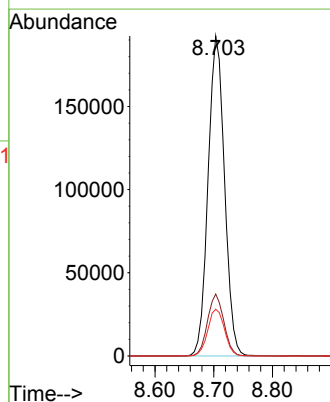
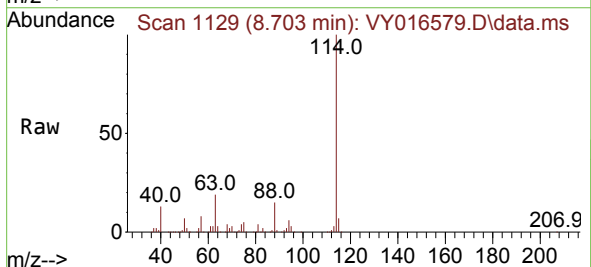
Instrument :
 MSVOA_Y
 ClientSampleId :

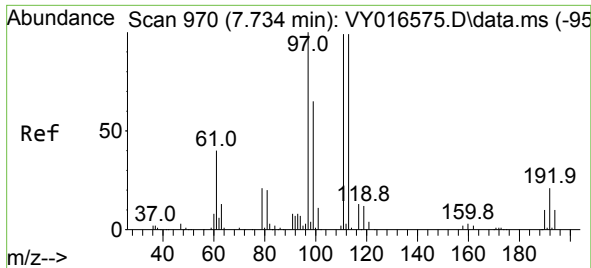
Tgt Ion: 65 Resp: 199775
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

Tgt Ion: 114 Resp: 373620
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 14.6 0.0 30.6

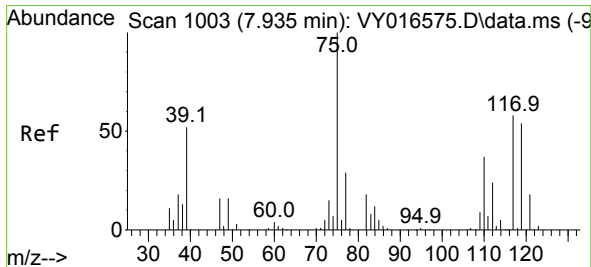
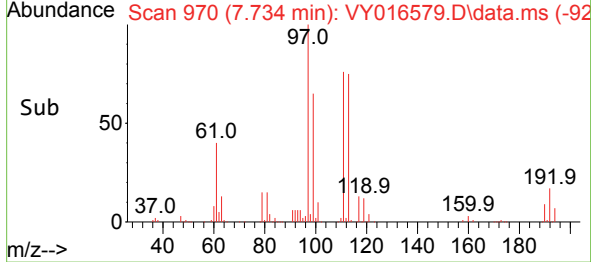
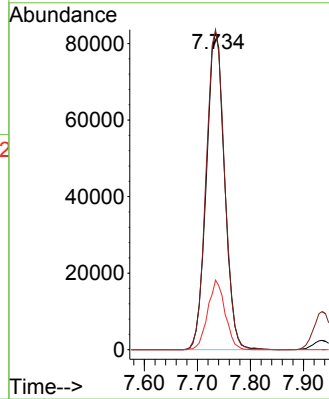
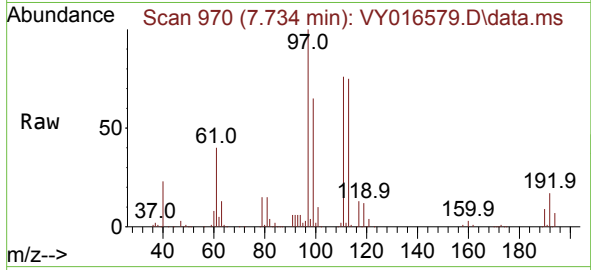




#35
Dibromofluoromethane
Concen: 87.718 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

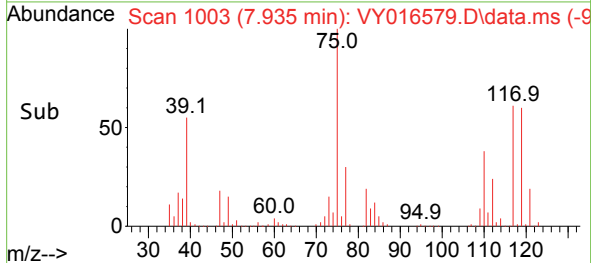
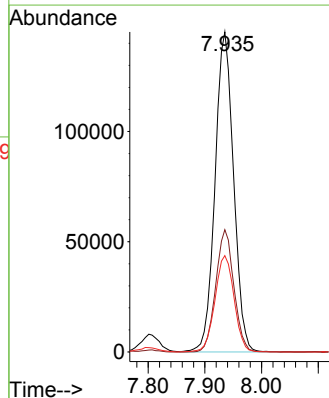
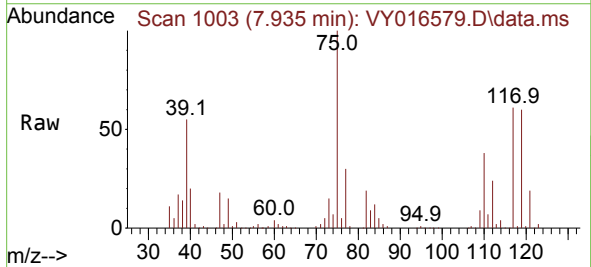
Instrument :
MSVOA_Y
ClientSampleId :

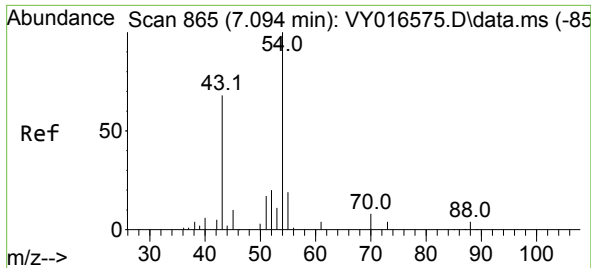
Tgt Ion:113 Resp: 197230
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 96.461 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 75 Resp: 329693
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6

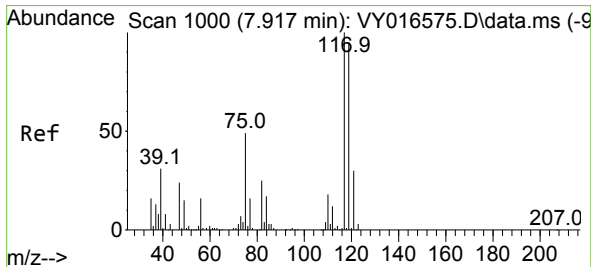
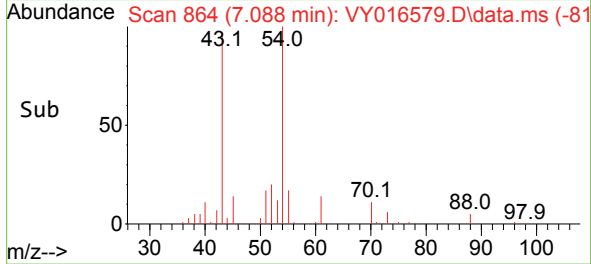
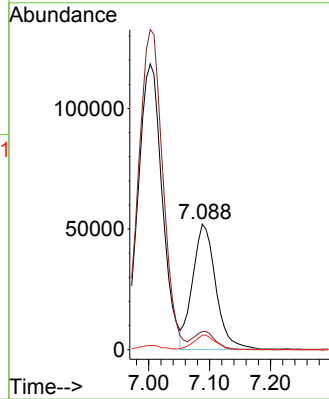
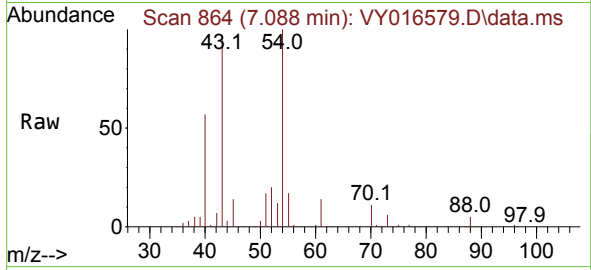




#37
Ethyl Acetate
Concen: 95.718 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

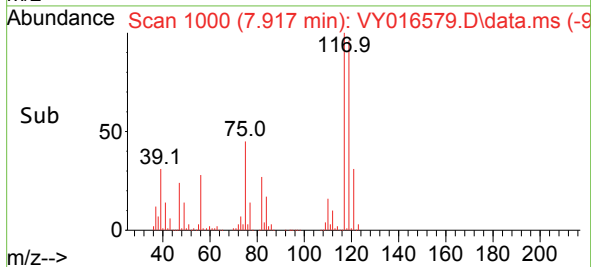
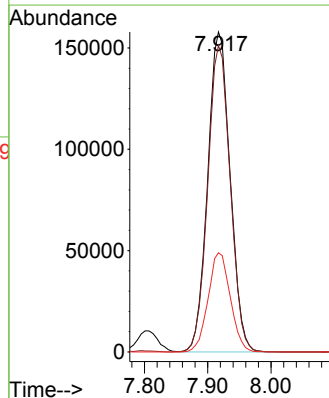
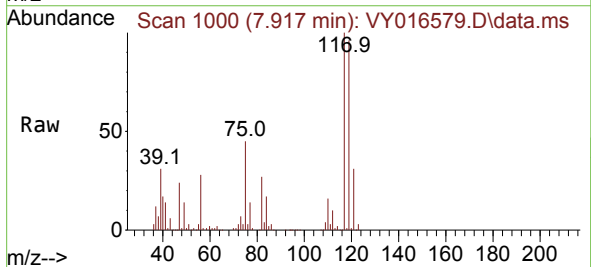
Instrument :
MSVOA_Y
ClientSampleId :

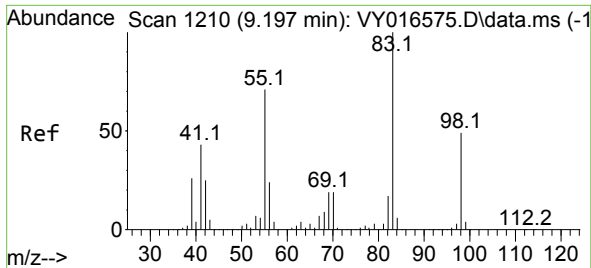
Tgt Ion: 43 Resp: 136895
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 11.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 98.592 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 117 Resp: 390108
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
121 31.0 25.8 38.6

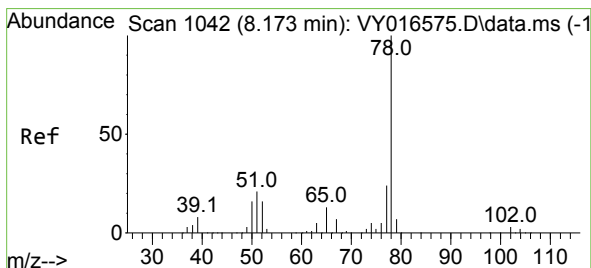
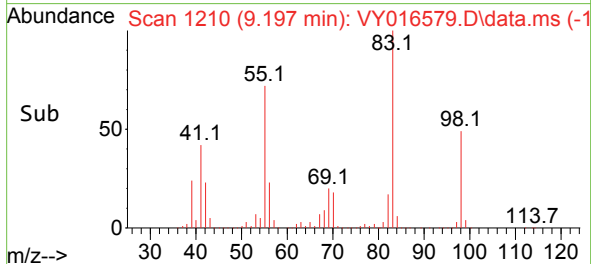
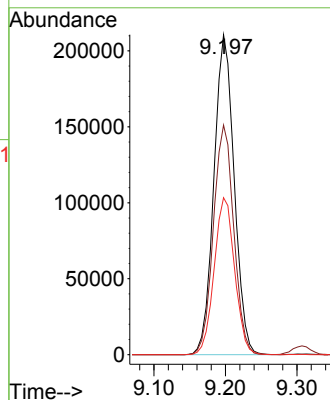
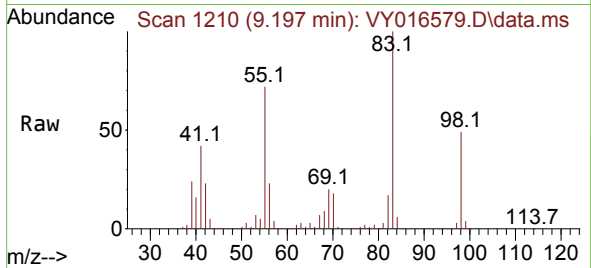




#39
Methylcyclohexane
Concen: 100.698 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

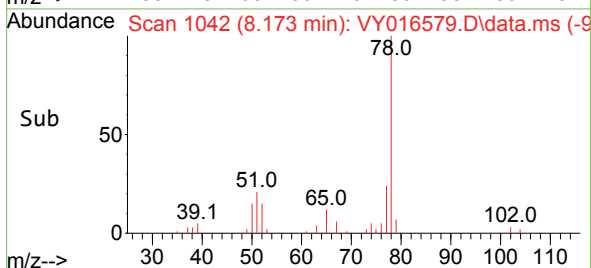
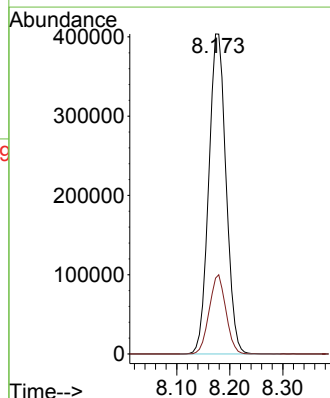
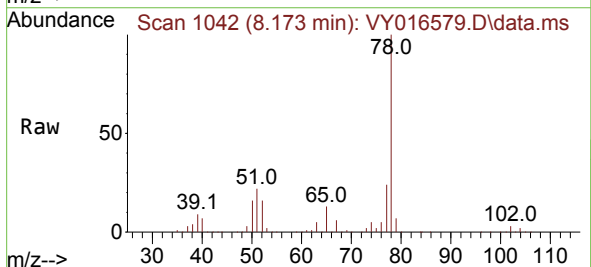
Instrument :
MSVOA_Y
ClientSampleId :

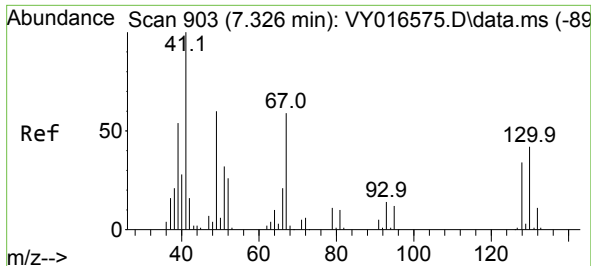
Tgt Ion: 83 Resp: 414673
Ion Ratio Lower Upper
83 100
55 71.7 63.0 94.4
98 49.1 37.4 56.2



#40
Benzene
Concen: 94.680 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 78 Resp: 912125
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

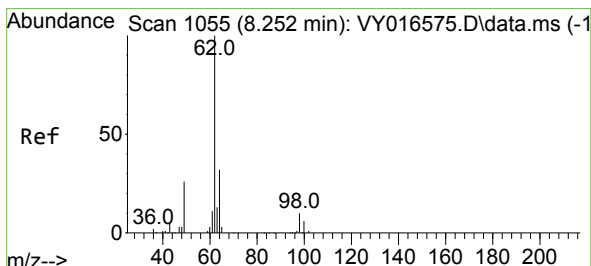
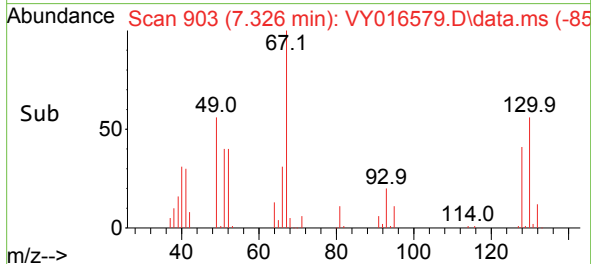
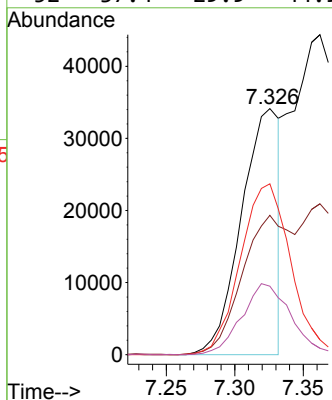
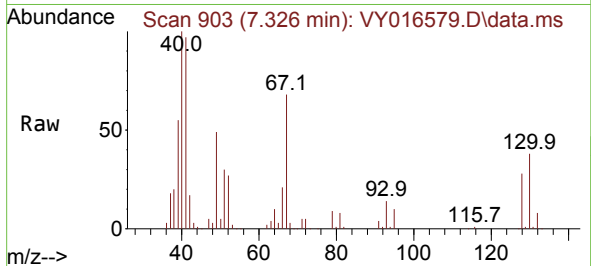




#41
Methacrylonitrile
Concen: 82.510 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

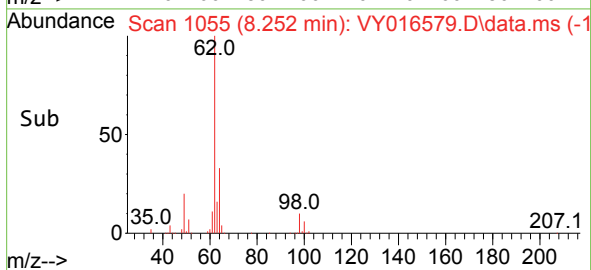
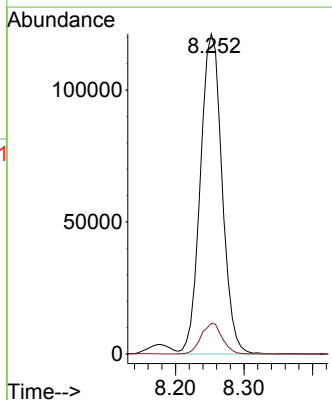
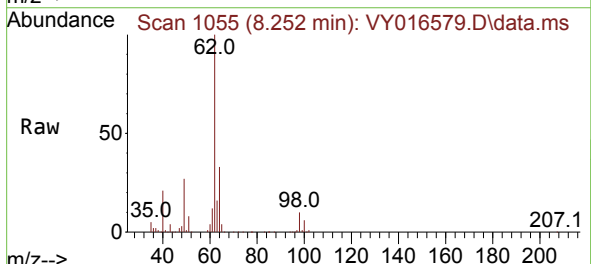
Instrument :
MSVOA_Y
ClientSampleId :

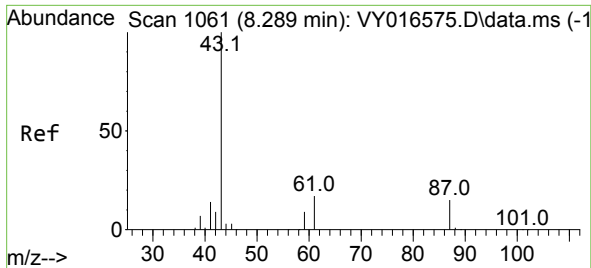
Tgt Ion: 41	Resp: 66452
Ion Ratio	Lower Upper
41 100	
39 74.3	52.1 78.1
67 91.7	66.2 99.2
52 37.4	29.9 44.9



#42
1,2-Dichloroethane
Concen: 95.414 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 62	Resp: 266905
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 15.8

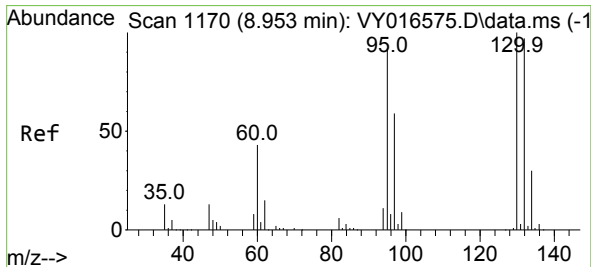
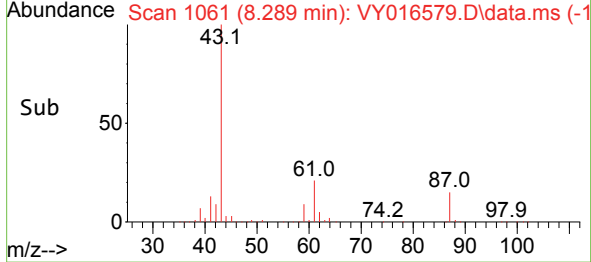
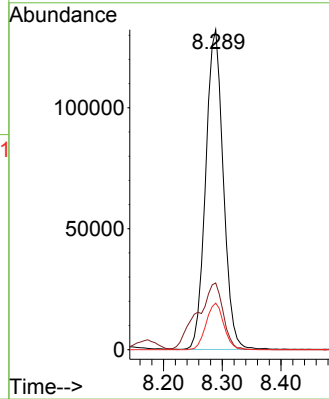
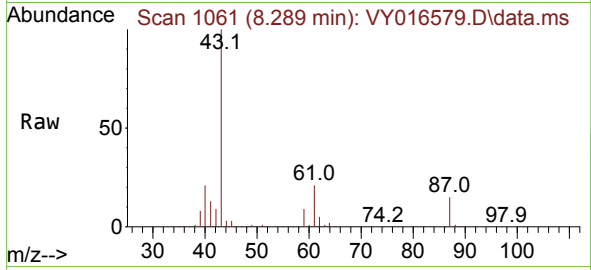




#43
Isopropyl Acetate
Concen: 99.683 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

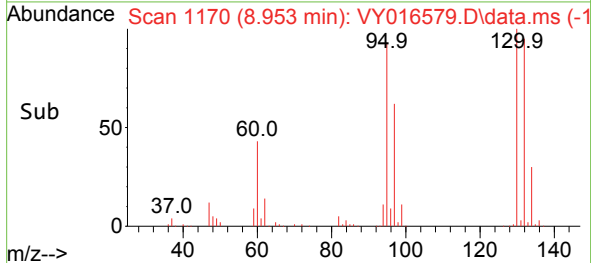
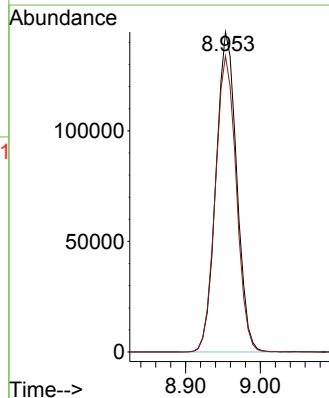
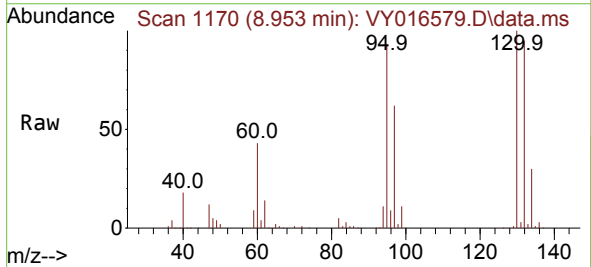
Instrument :
MSVOA_Y
ClientSampleId :

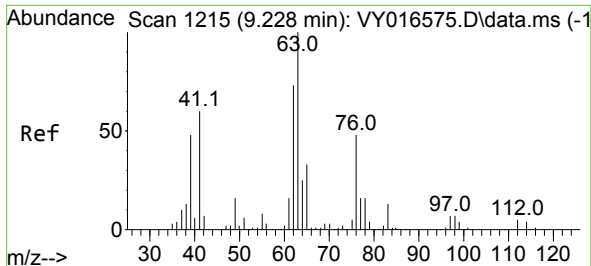
Tgt Ion: 43 Resp: 275024
Ion Ratio Lower Upper
43 100
61 30.6 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 95.899 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:130 Resp: 278614
Ion Ratio Lower Upper
130 100
95 92.5 0.0 196.0

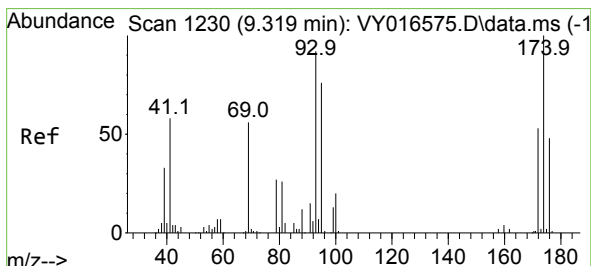
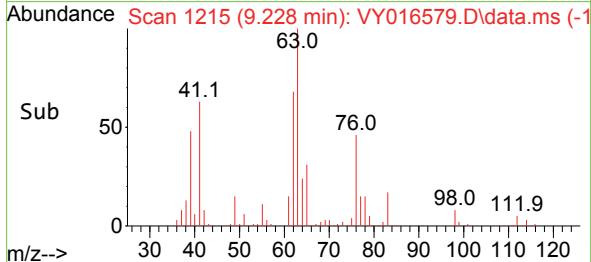
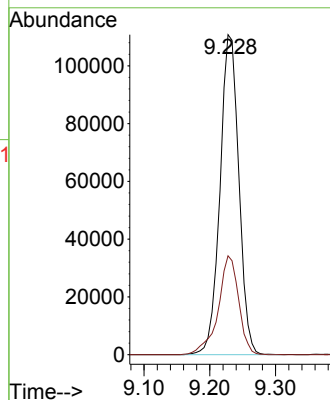
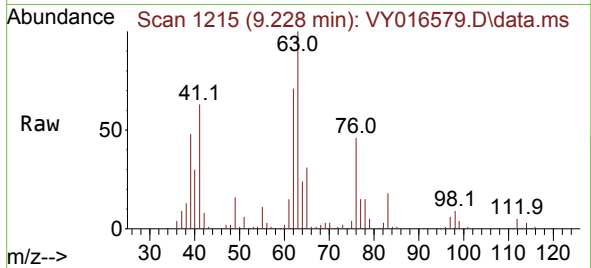




#45
1,2-Dichloropropane
Concen: 95.337 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

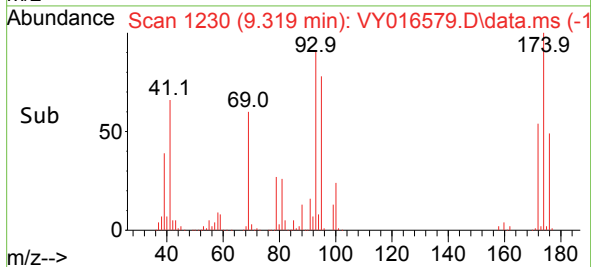
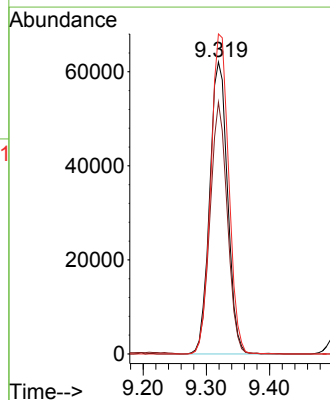
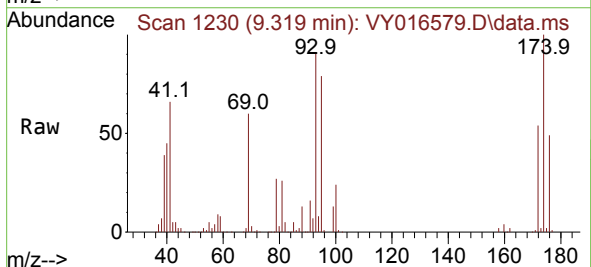
Instrument :
MSVOA_Y
ClientSampleId :

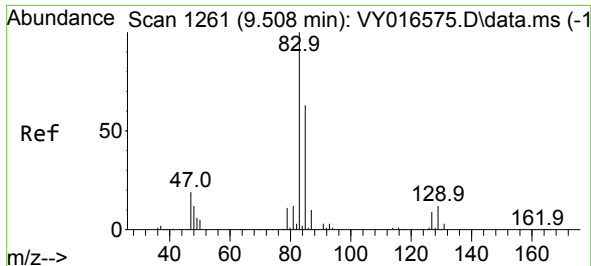
Tgt Ion: 63 Resp: 221121
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 95.771 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

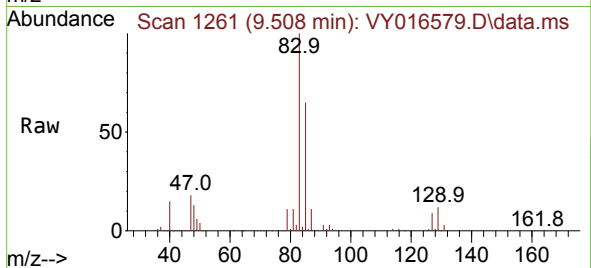
Tgt Ion: 93 Resp: 121773
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 110.2 84.8 127.2



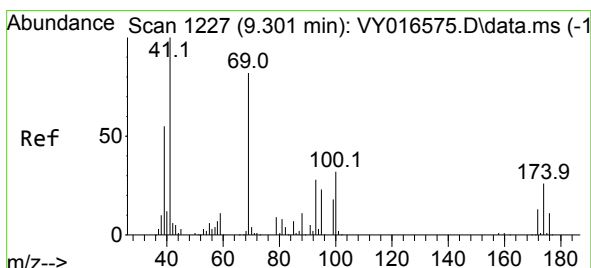
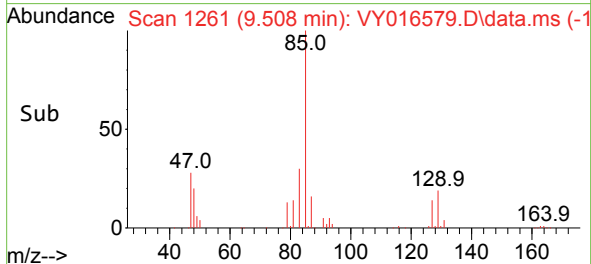
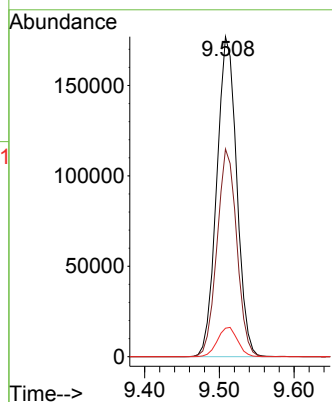


#47
Bromodichloromethane
Concen: 97.173 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

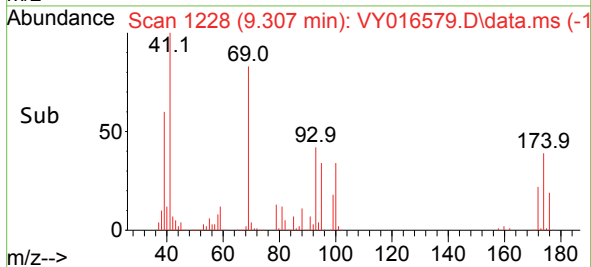
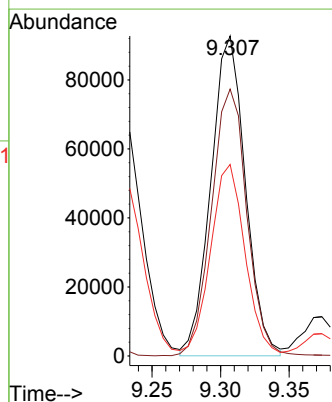
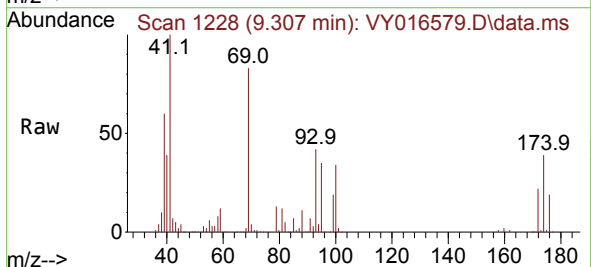


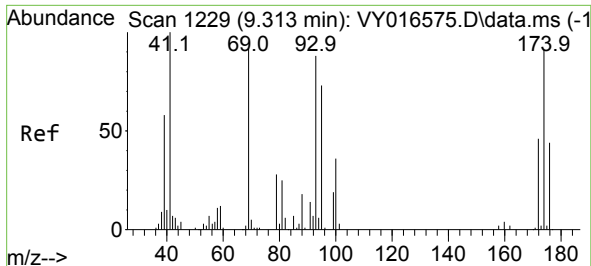
Tgt Ion: 83 Resp: 328938
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 101.829 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 41 Resp: 162250
Ion Ratio Lower Upper
41 100
69 86.2 64.5 96.7
39 57.4 50.8 76.2





#49

1,4-Dioxane

Concen: 2037.327 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

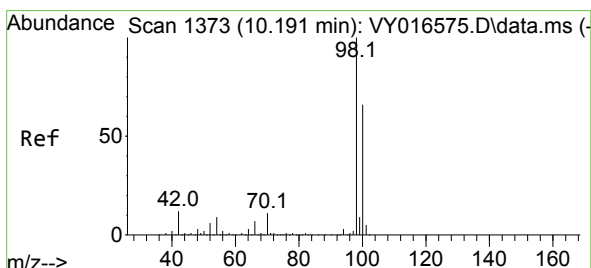
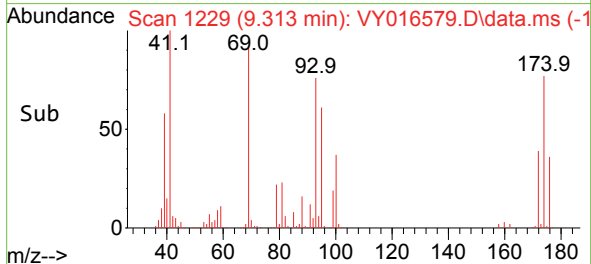
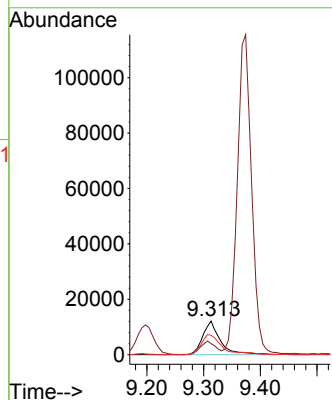
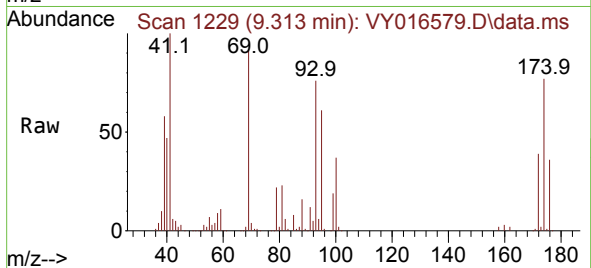
Tgt Ion: 88 Resp: 26220

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 64.6 30.9 46.3#



#50

Toluene-d8

Concen: 88.827 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016579.D

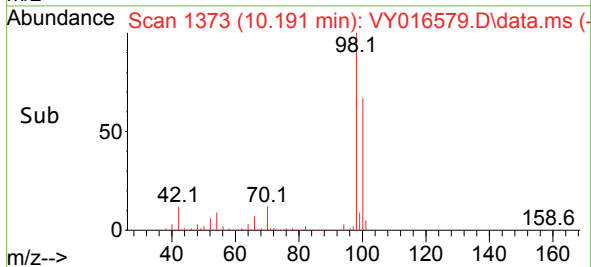
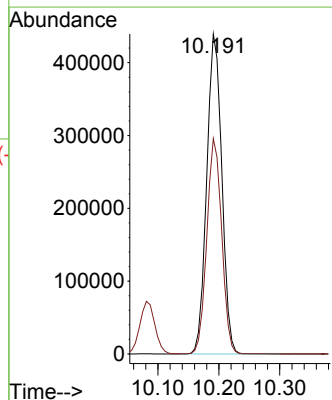
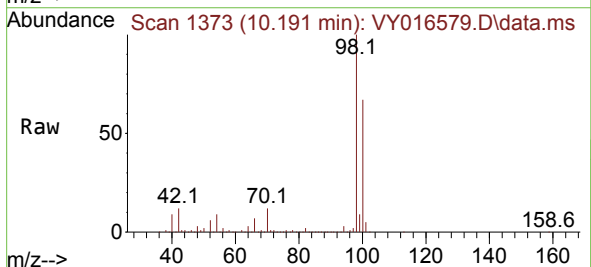
Acq: 04 Dec 2023 15:49

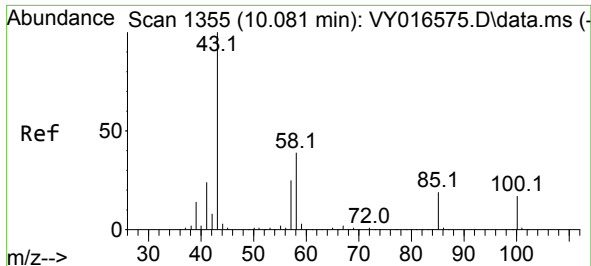
Tgt Ion: 98 Resp: 755465

Ion Ratio Lower Upper

98 100

100 66.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 498.942 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

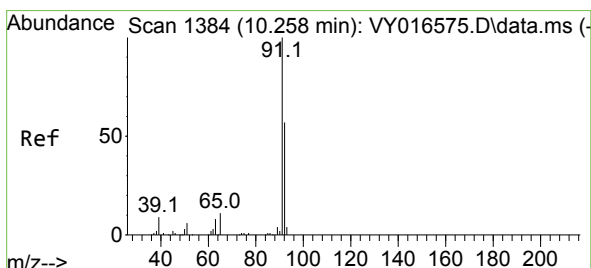
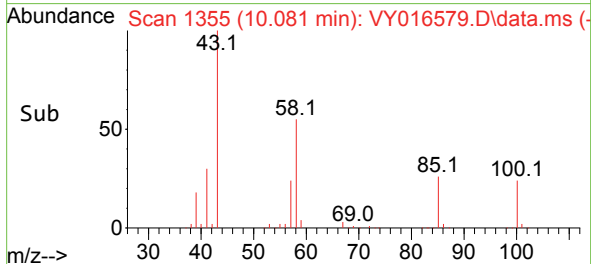
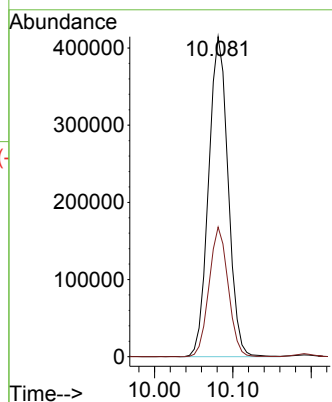
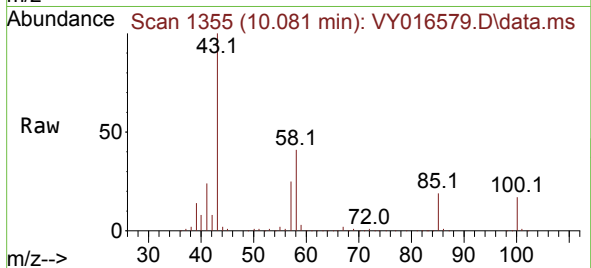
ClientSampleId :

Tgt Ion: 43 Resp: 715386

Ion Ratio Lower Upper

43 100

58 39.7 29.0 43.6



#52

Toluene

Concen: 97.857 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VY016579.D

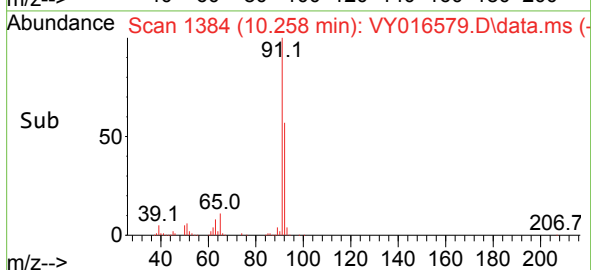
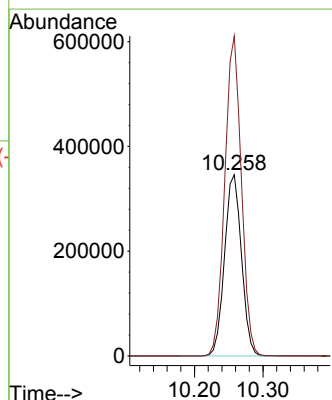
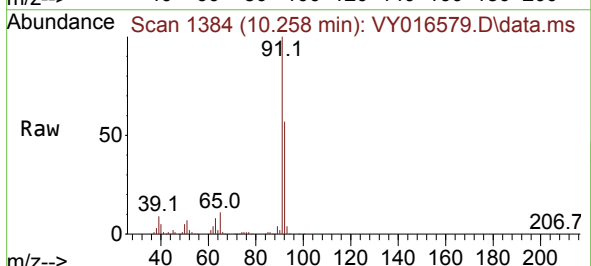
Acq: 04 Dec 2023 15:49

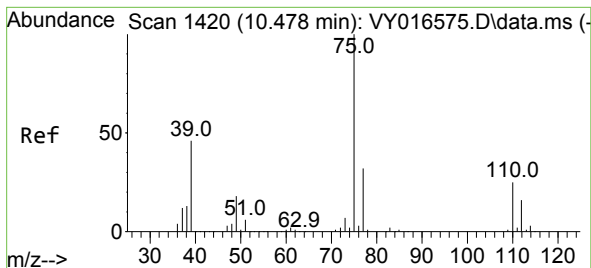
Tgt Ion: 92 Resp: 590856

Ion Ratio Lower Upper

92 100

91 172.7 143.8 215.6

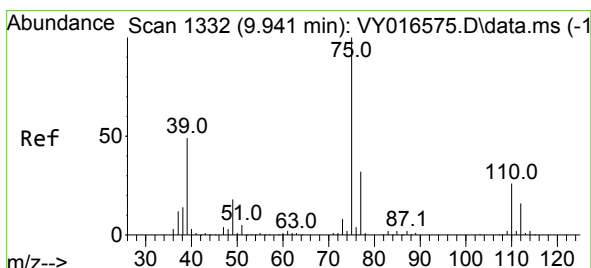
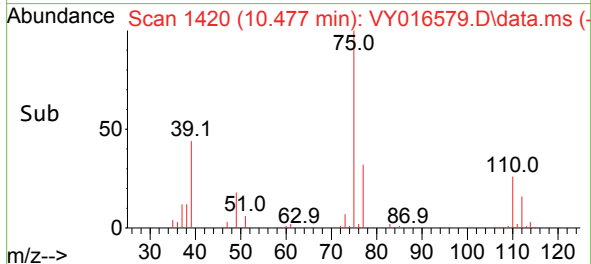
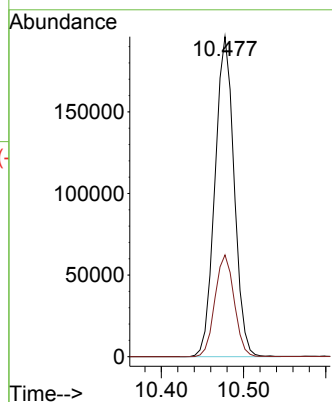
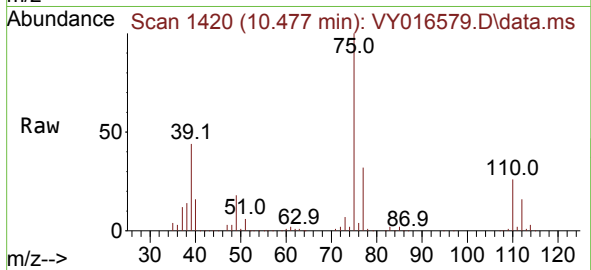




#53
 t-1,3-Dichloropropene
 Concen: 99.490 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

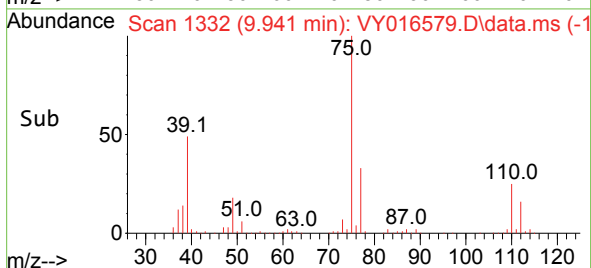
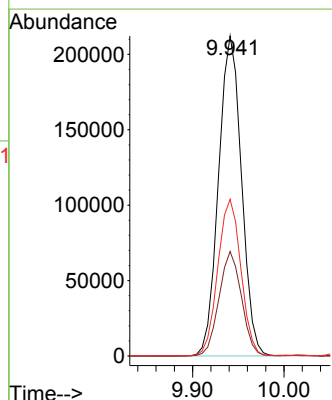
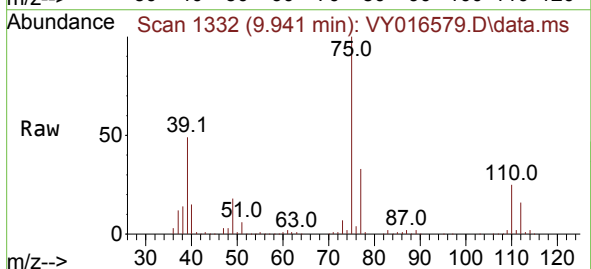
Instrument :
 MSVOA_Y
 ClientSampleId :

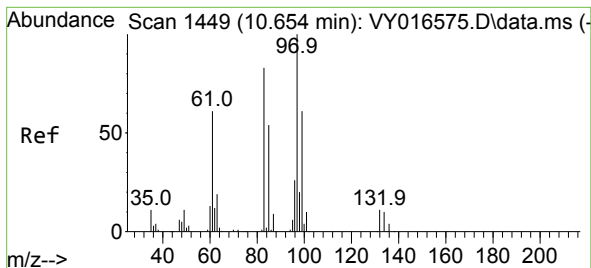
Tgt Ion: 75 Resp: 317837
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 98.811 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016579.D
 Acq: 04 Dec 2023 15:49

Tgt Ion: 75 Resp: 370734
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 48.9 42.2 63.4



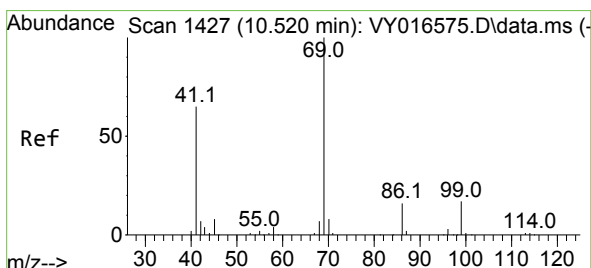
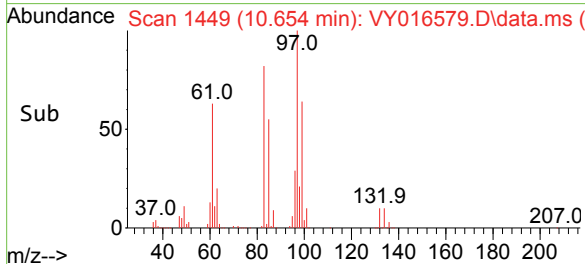
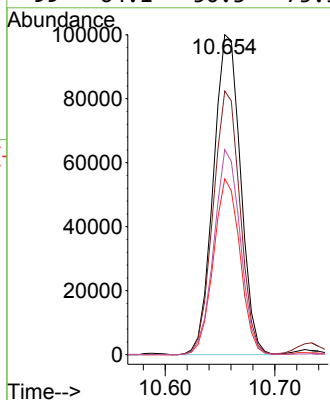
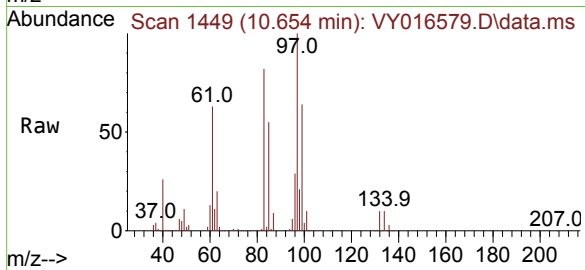


#55
1,1,2-Trichloroethane
Concen: 97.428 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 172562

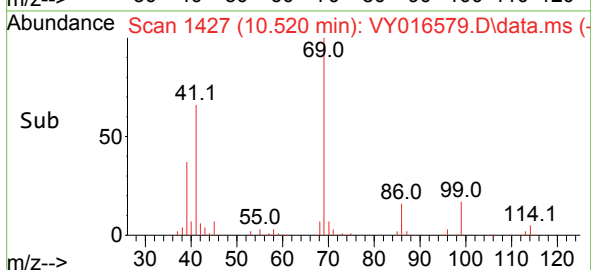
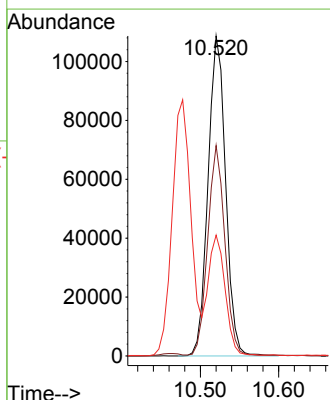
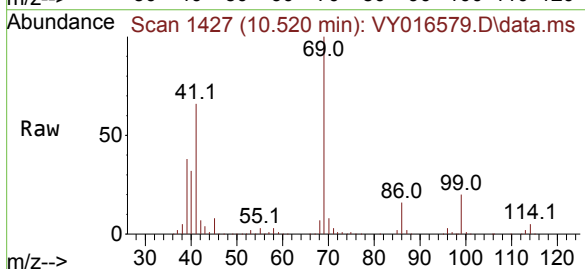
Ion	Ratio	Lower	Upper
97	100		
83	82.4	72.0	108.0
85	54.9	45.4	68.0
99	64.1	50.3	75.5

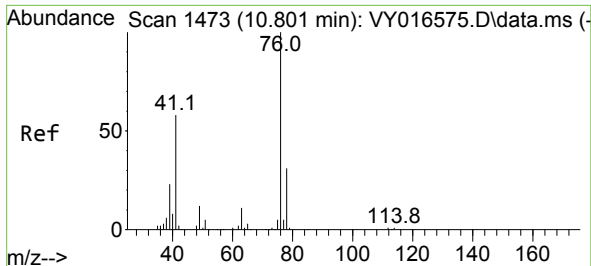


#56
Ethyl methacrylate
Concen: 104.247 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 69 Resp: 169247

Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	35.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 96.975 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

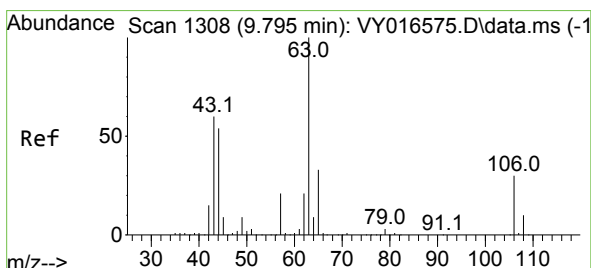
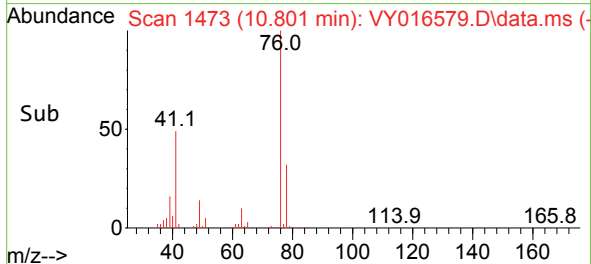
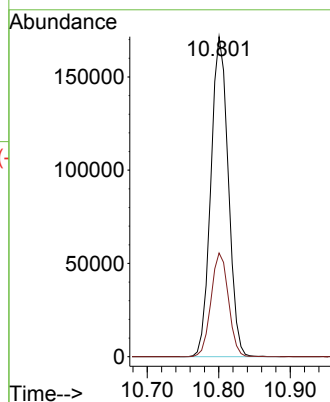
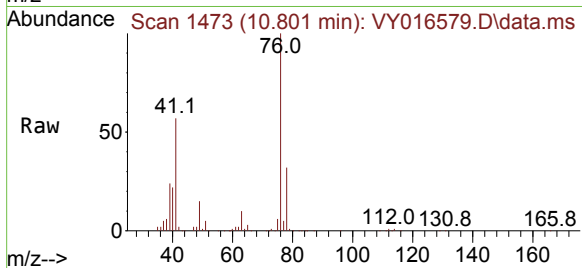
ClientSampleId :

Tgt Ion: 76 Resp: 290156

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 533.112 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016579.D

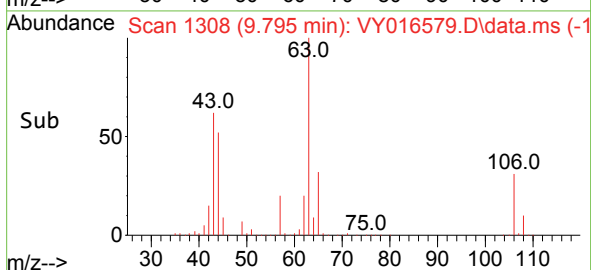
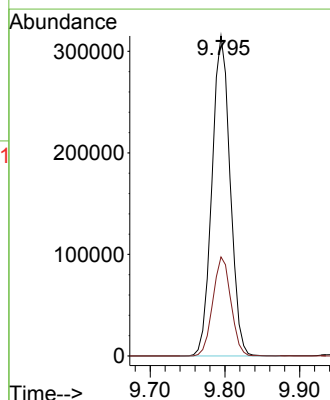
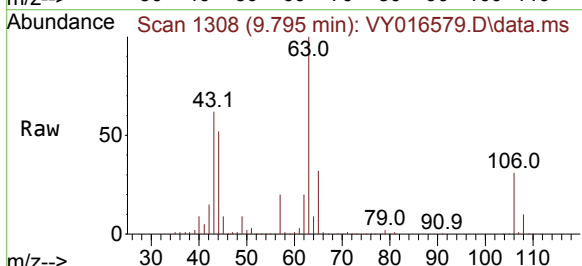
Acq: 04 Dec 2023 15:49

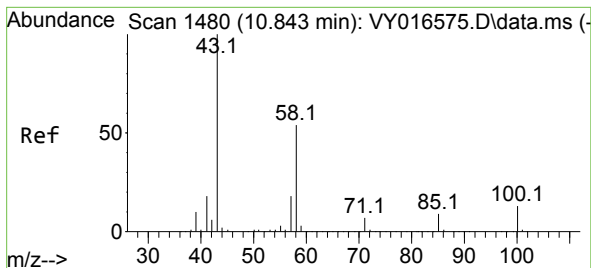
Tgt Ion: 63 Resp: 533384

Ion Ratio Lower Upper

63 100

106 30.8 21.2 31.8

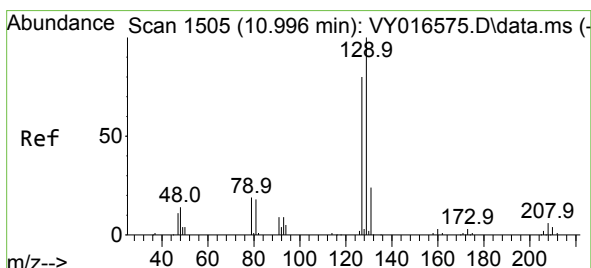
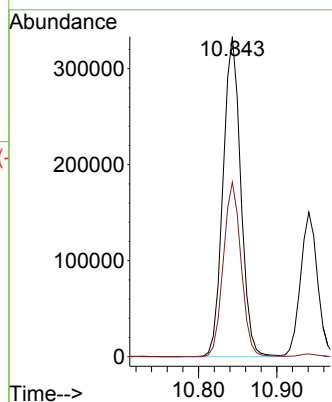
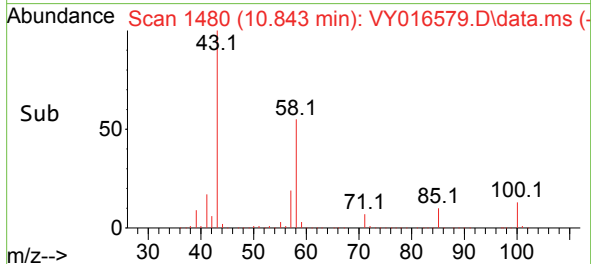
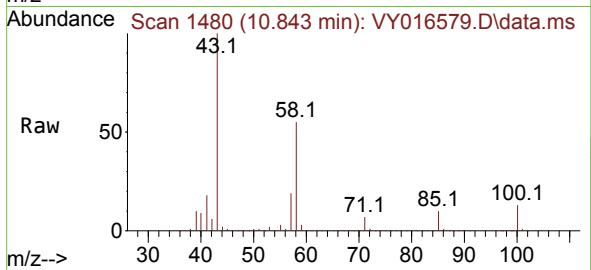




#59
2-Hexanone
Concen: 483.338 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

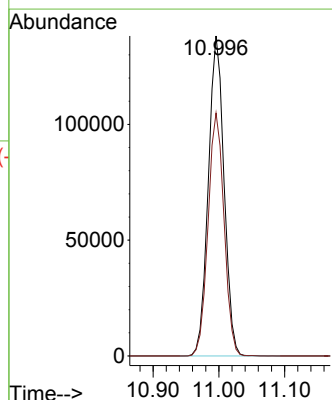
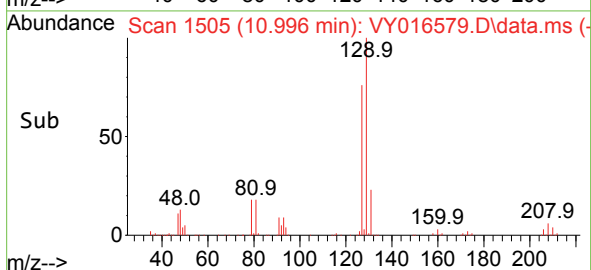
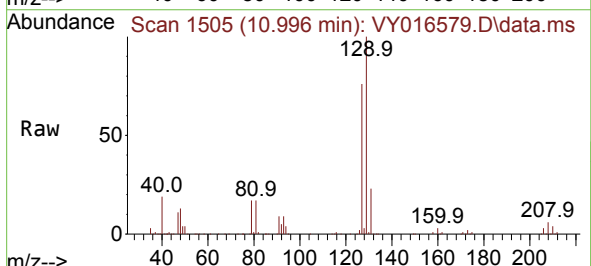
Instrument :
MSVOA_Y
ClientSampleId :

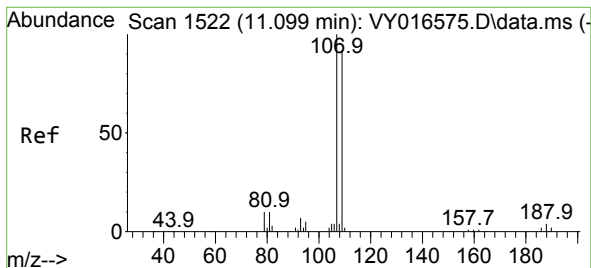
Tgt Ion: 43 Resp: 524253
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 97.139 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:129 Resp: 229883
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

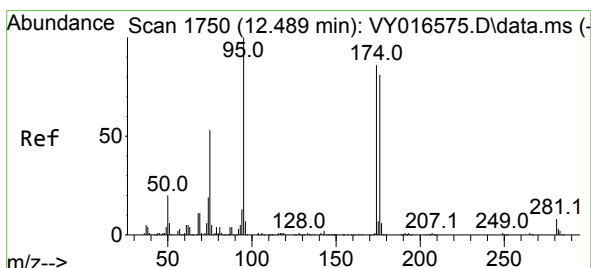
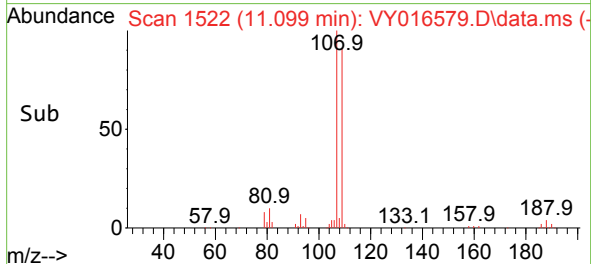
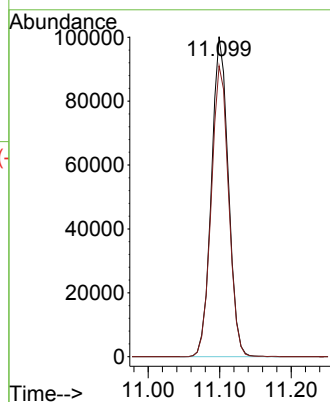
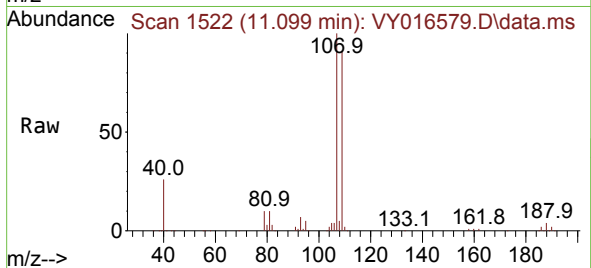




#61
1,2-Dibromoethane
Concen: 98.540 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

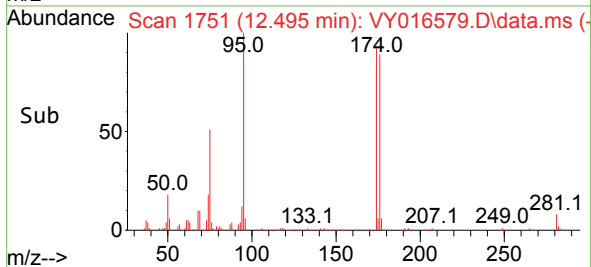
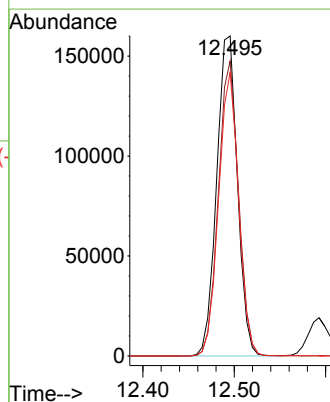
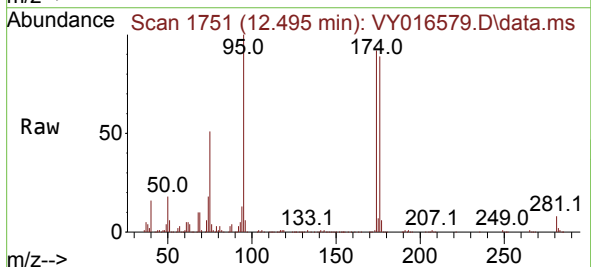
Instrument :
MSVOA_Y
ClientSampleId :

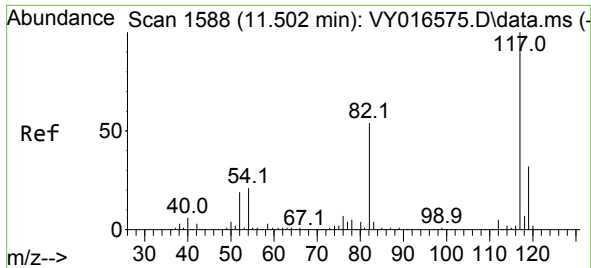
Tgt Ion:107 Resp: 164158
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 90.189 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 95 Resp: 252246
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.2
176 85.7 0.0 173.8

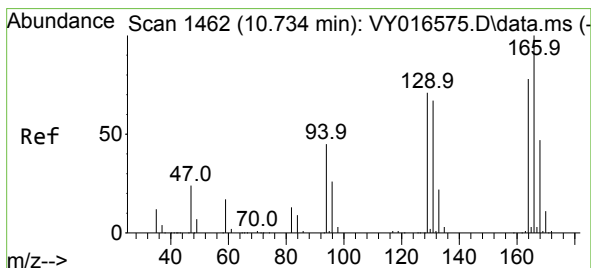
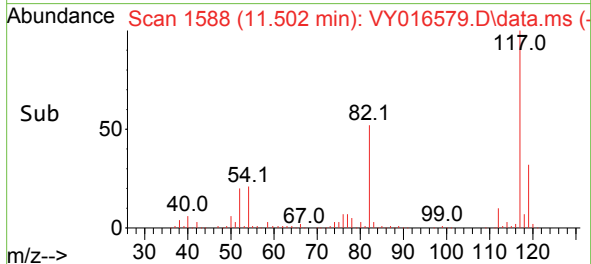
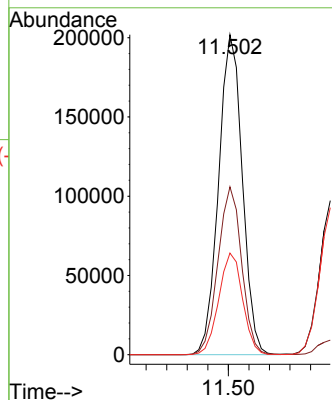
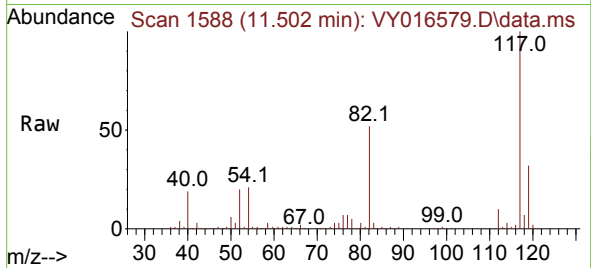




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

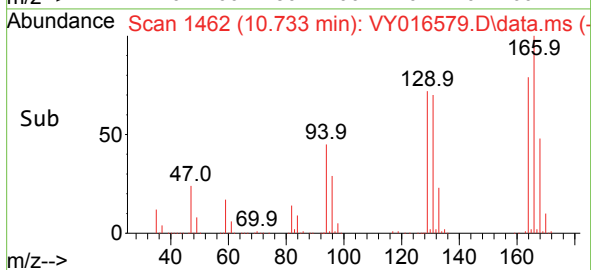
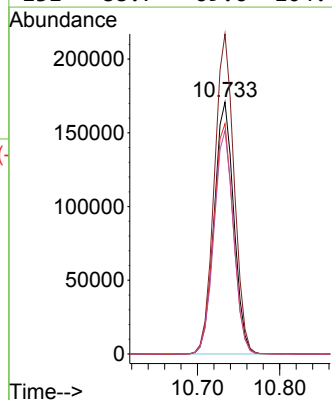
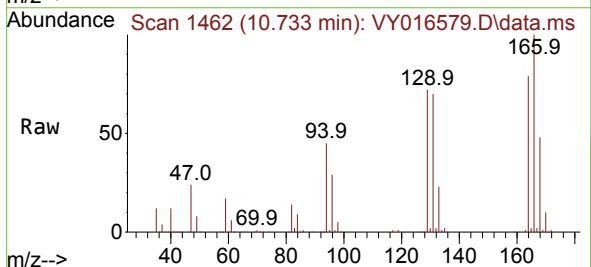
Instrument :
MSVOA_Y
ClientSampleId :

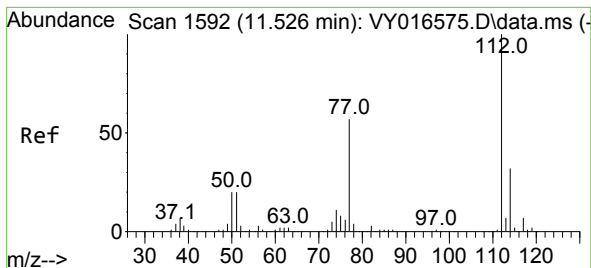
Tgt Ion:117 Resp: 323511
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 95.570 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:164 Resp: 283357
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.6
129 91.5 77.2 115.8
131 88.7 69.6 104.4





#65

Chlorobenzene

Concen: 96.531 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

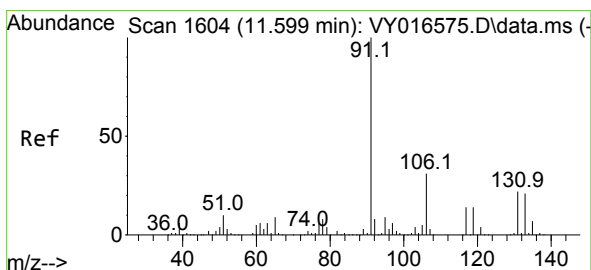
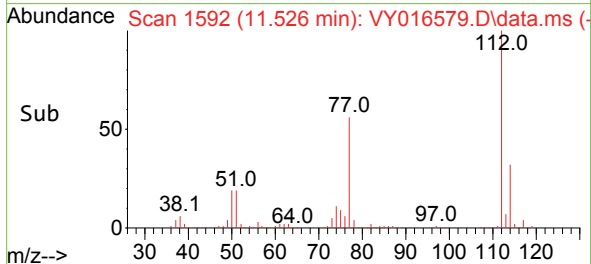
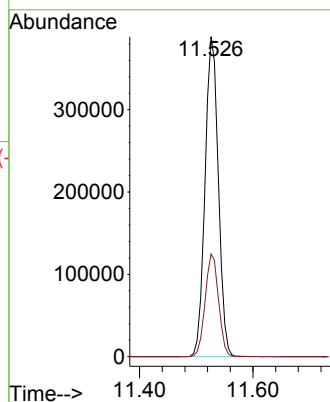
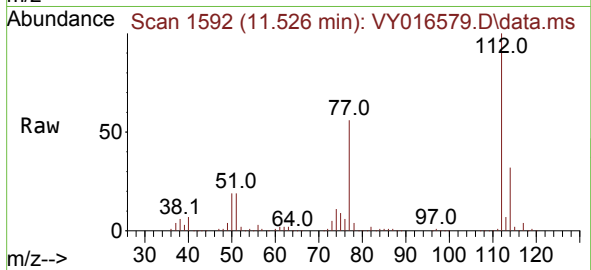
ClientSampleId :

Tgt Ion:112 Resp: 632522

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 95.949 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

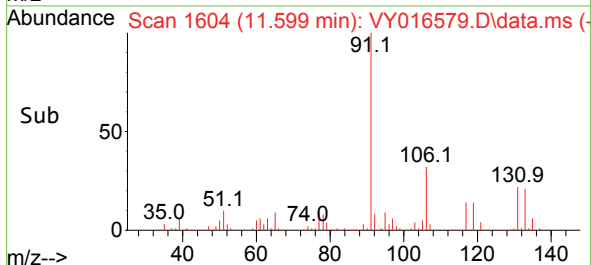
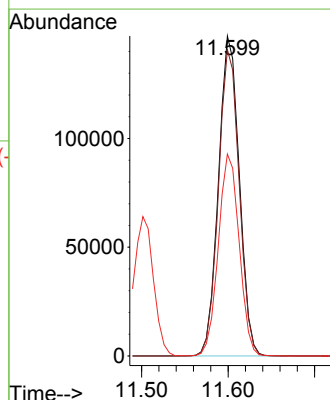
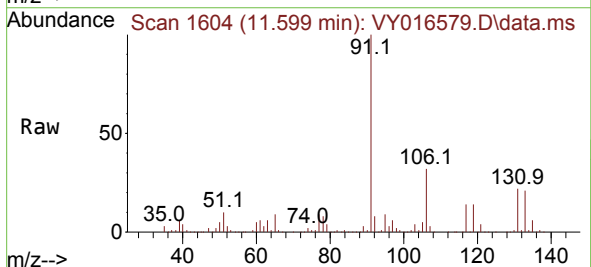
Tgt Ion:131 Resp: 245727

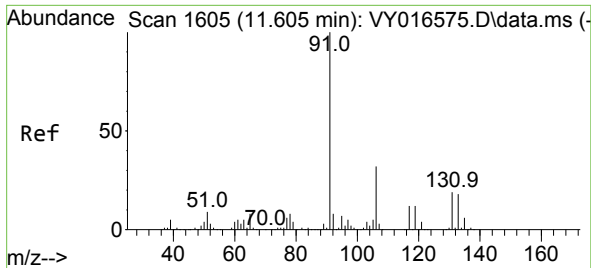
Ion Ratio Lower Upper

131 100

133 95.3 47.5 142.6

119 63.1 31.6 94.7

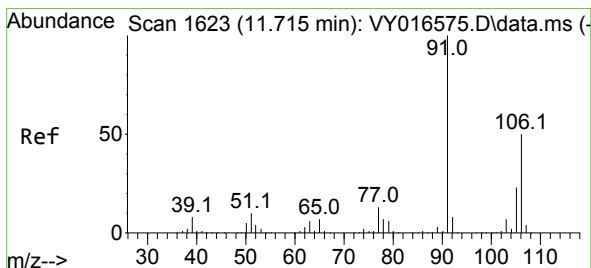
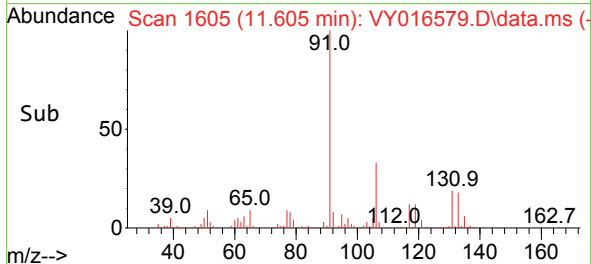
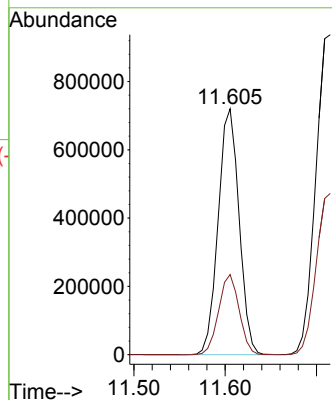
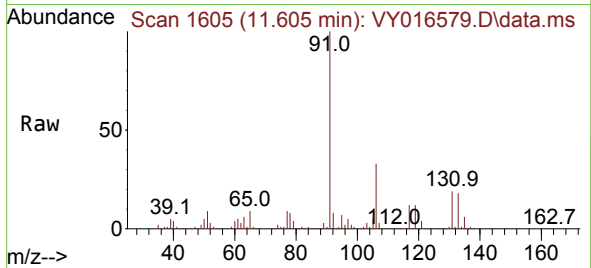




#67
Ethyl Benzene
Concen: 97.427 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

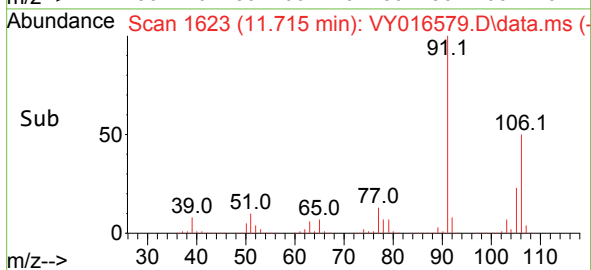
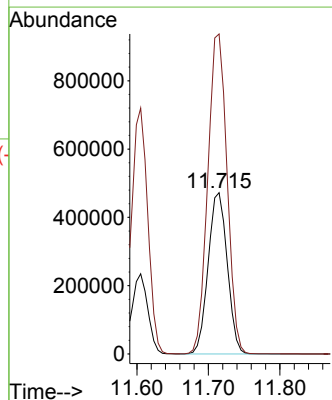
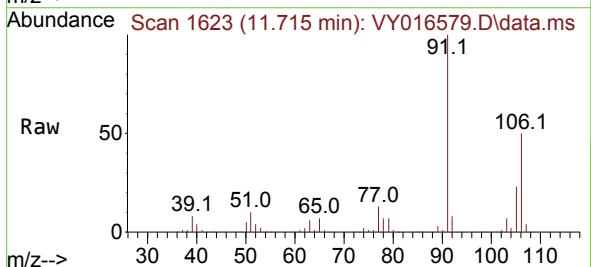
Instrument :
MSVOA_Y
ClientSampleId :

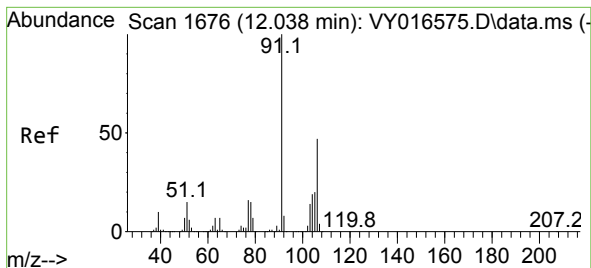
Tgt Ion: 91 Resp: 1144914
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8



#68
m/p-Xylenes
Concen: 196.108 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:106 Resp: 874864
Ion Ratio Lower Upper
106 100
91 200.3 166.1 249.1

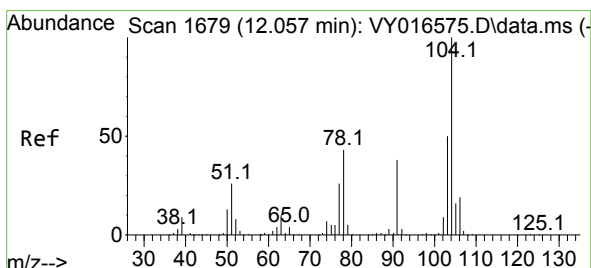
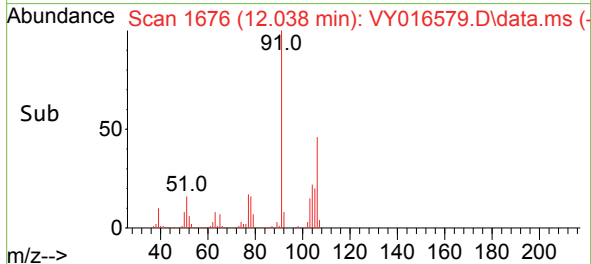
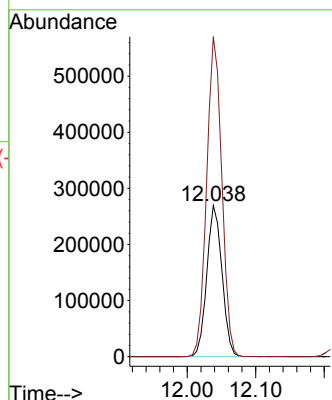
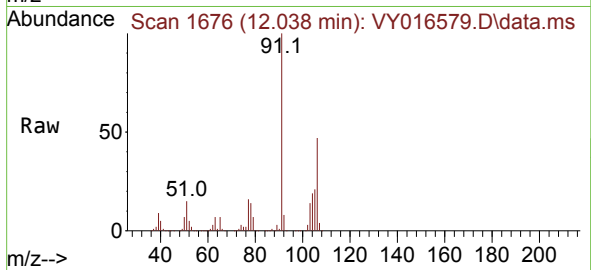




#69
o-Xylene
Concen: 99.769 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

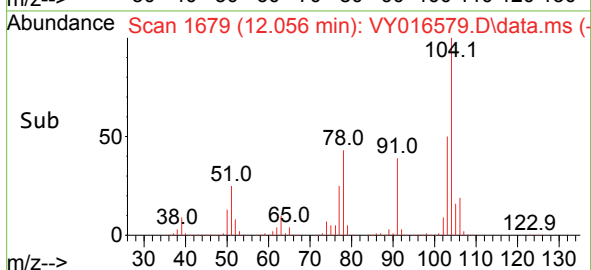
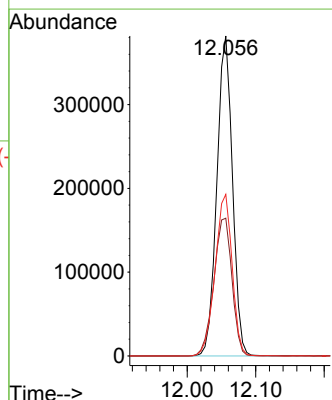
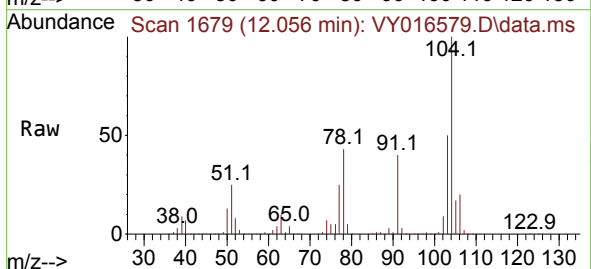
Instrument :
MSVOA_Y
ClientSampleId :

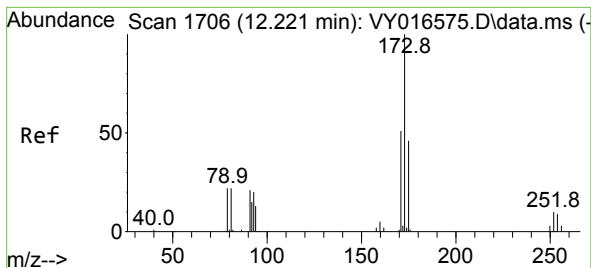
Tgt Ion:106 Resp: 415495
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.3



#70
Styrene
Concen: 100.762 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:104 Resp: 602080
Ion Ratio Lower Upper
104 100
78 50.2 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 99.823 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

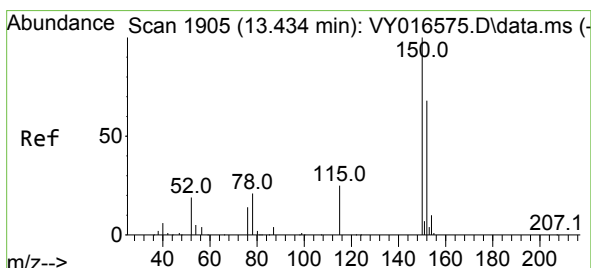
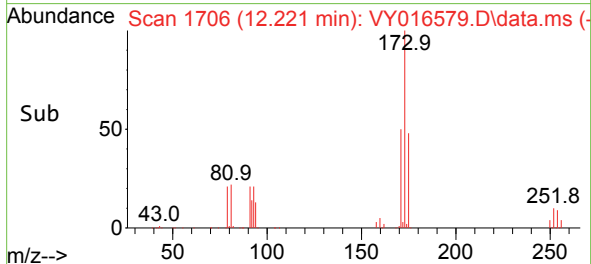
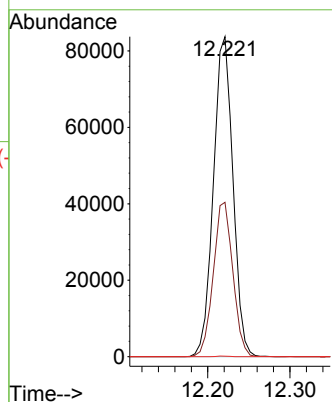
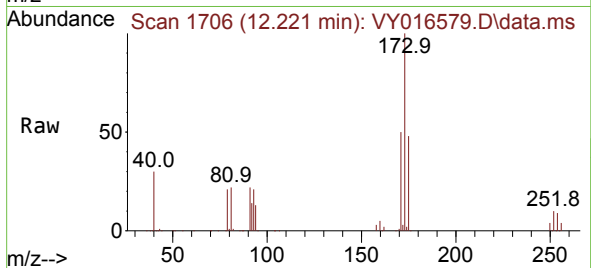
Tgt Ion:173 Resp: 138044

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

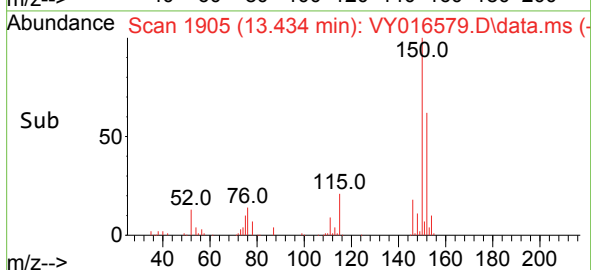
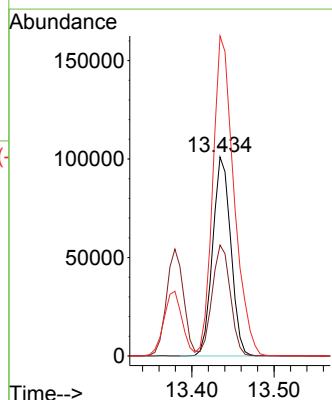
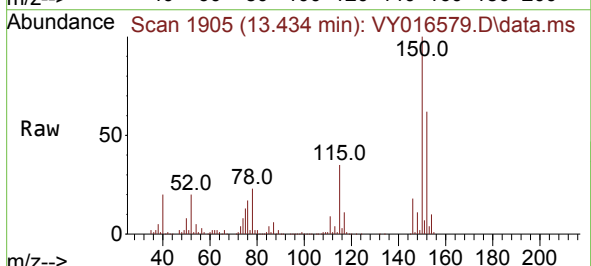
Tgt Ion:152 Resp: 155035

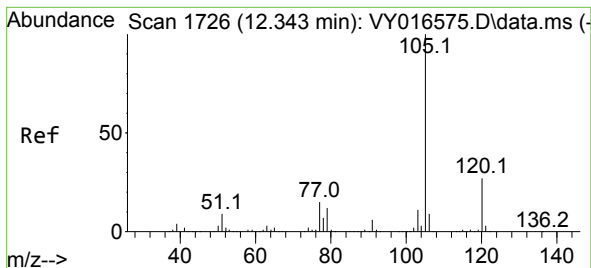
Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.5

150 187.5 0.0 348.8





#73

Isopropylbenzene

Concen: 99.191 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

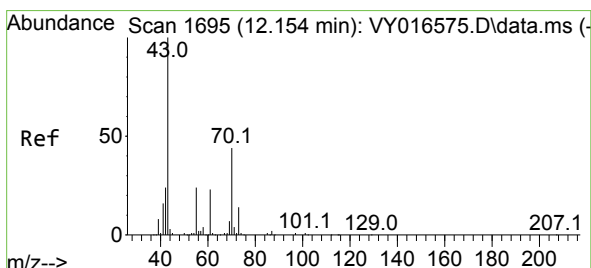
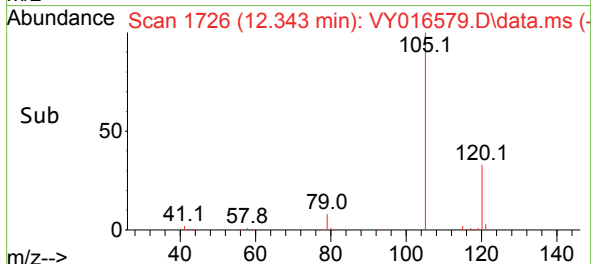
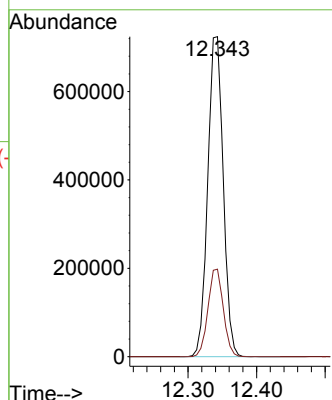
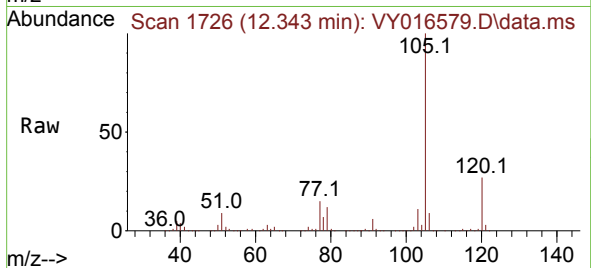
ClientSampleId :

Tgt Ion:105 Resp: 1138698

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 101.972 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Tgt Ion: 43 Resp: 233422

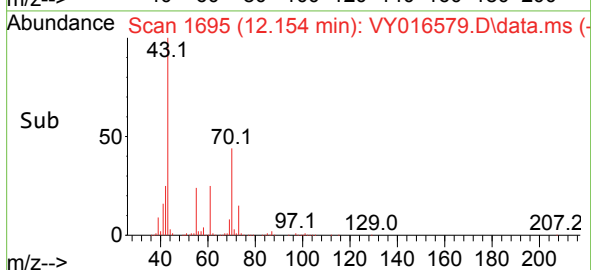
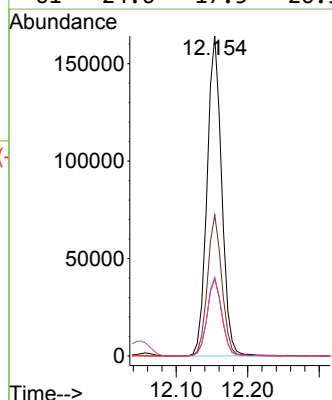
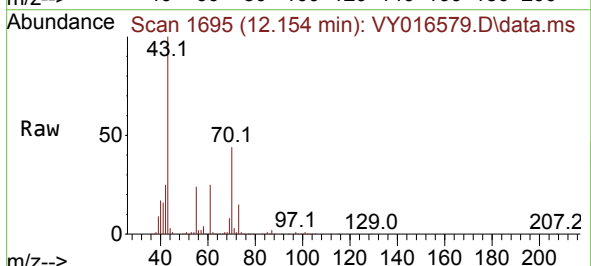
Ion Ratio Lower Upper

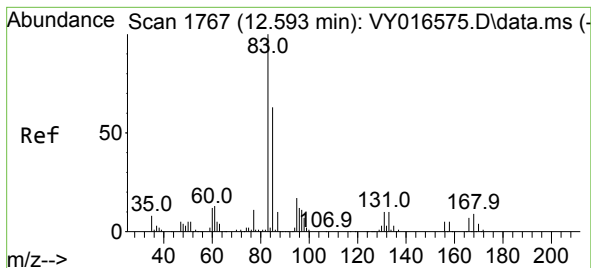
43 100

70 43.5 29.7 44.5

55 24.4 18.3 27.5

61 24.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 93.185 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

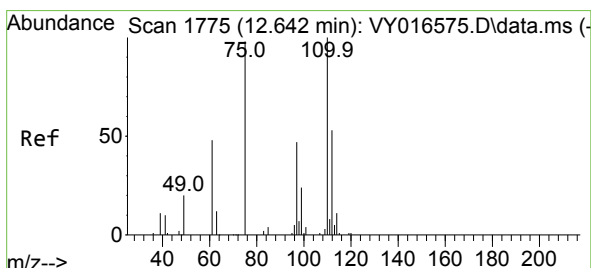
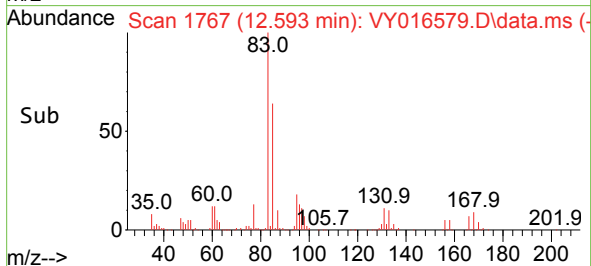
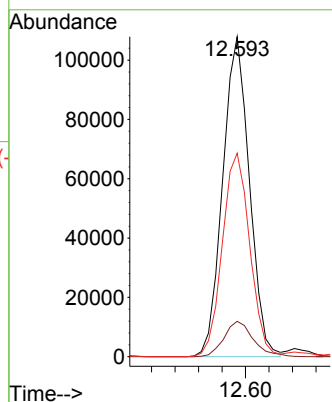
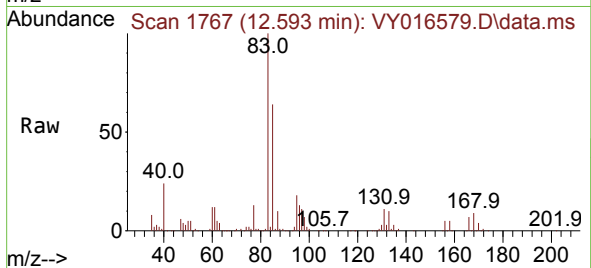
Tgt Ion: 83 Resp: 170148

Ion Ratio Lower Upper

83 100

131 12.1 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 167.189 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016579.D

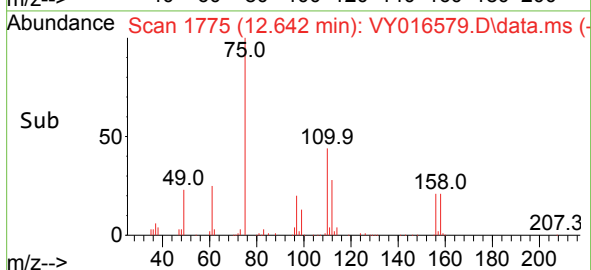
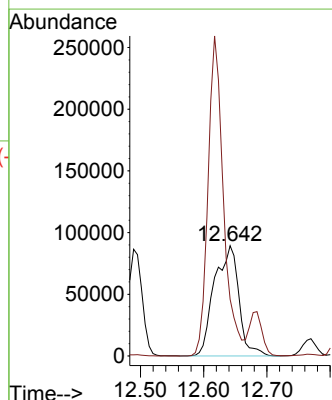
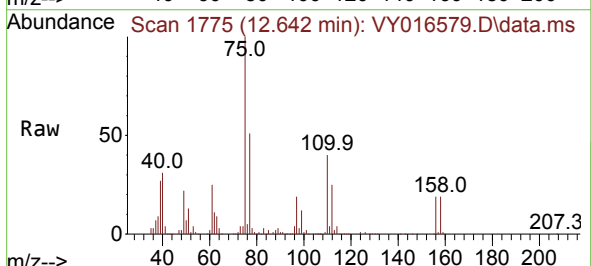
Acq: 04 Dec 2023 15:49

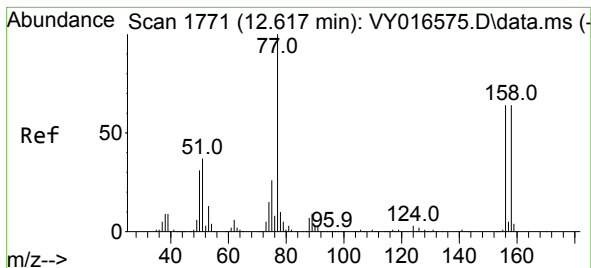
Tgt Ion: 75 Resp: 239986

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.906 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

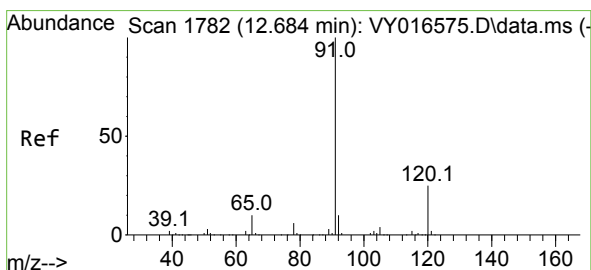
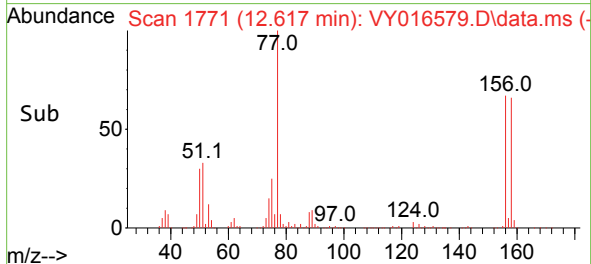
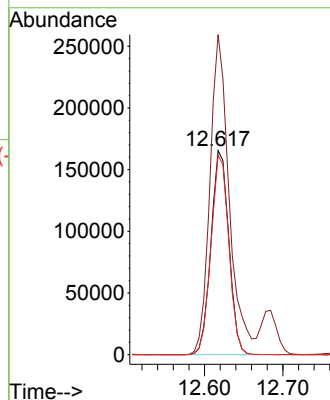
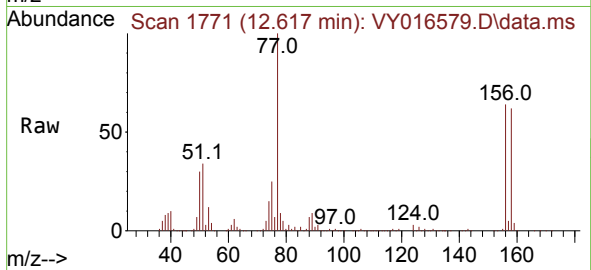
Tgt Ion:156 Resp: 262187

Ion Ratio Lower Upper

156 100

77 167.8 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 98.142 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016579.D

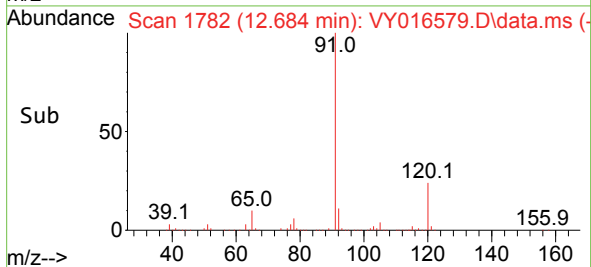
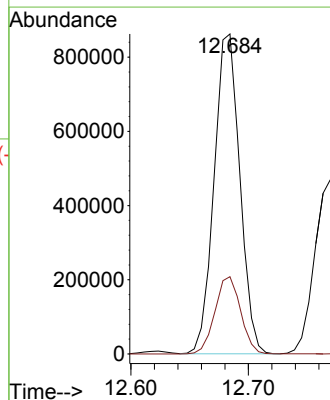
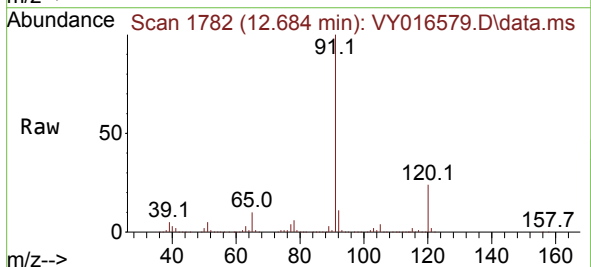
Acq: 04 Dec 2023 15:49

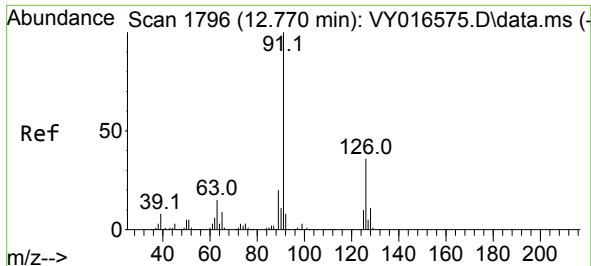
Tgt Ion: 91 Resp: 1311347

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4

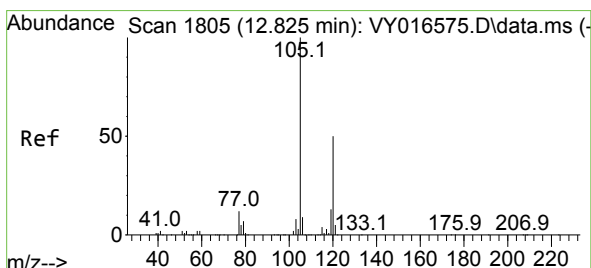
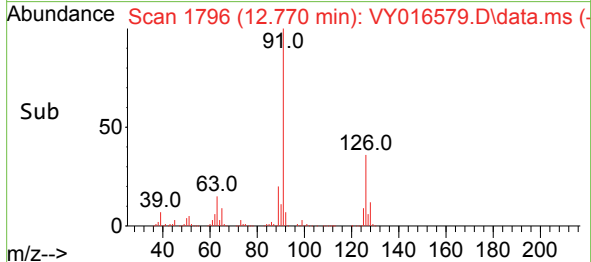
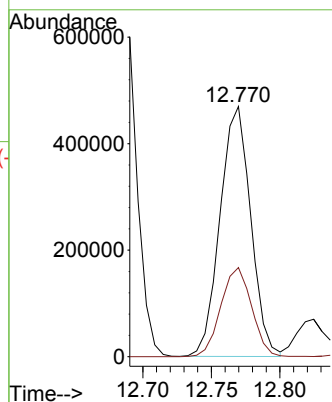
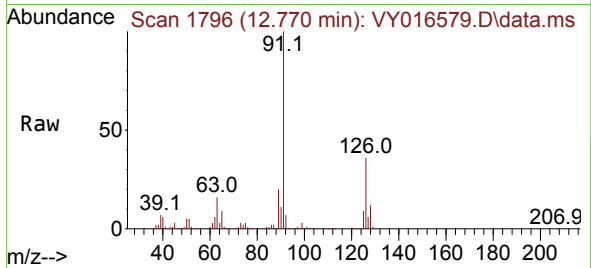




#79
2-Chlorotoluene
Concen: 97.272 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

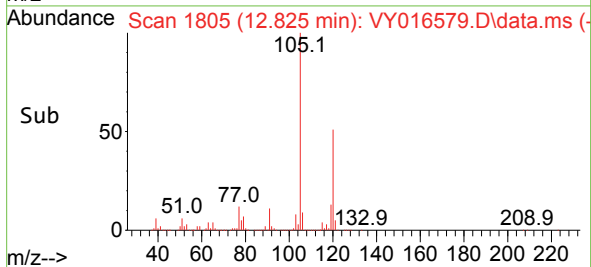
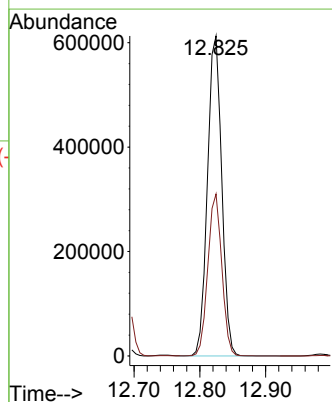
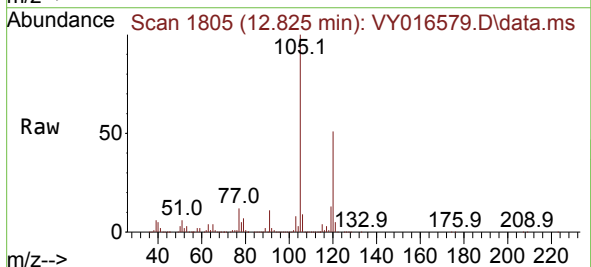
Instrument :
MSVOA_Y
ClientSampleId :

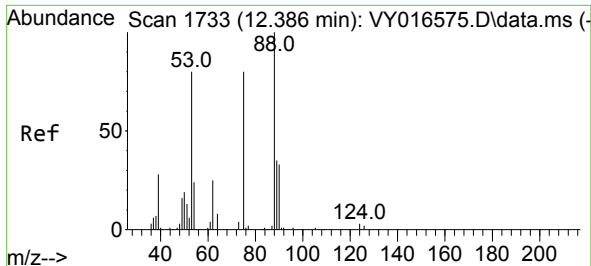
Tgt Ion: 91 Resp: 732408
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 99.111 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:105 Resp: 924517
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

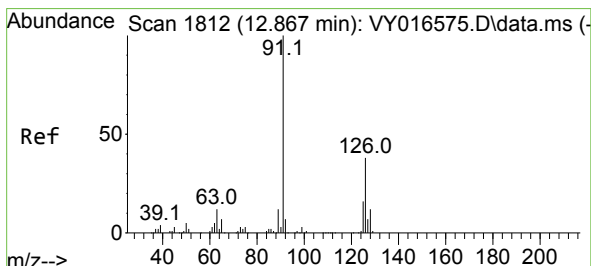
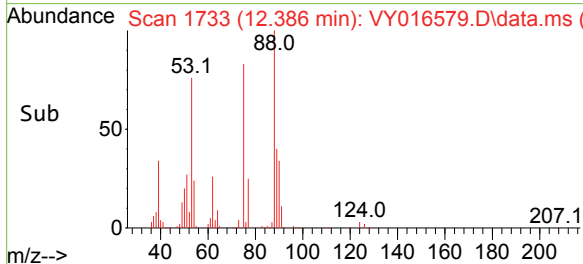
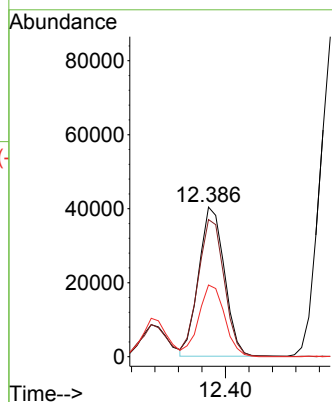
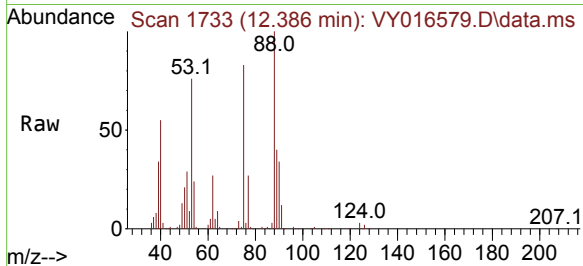




#81
trans-1,4-Dichloro-2-butene
Concen: 99.115 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

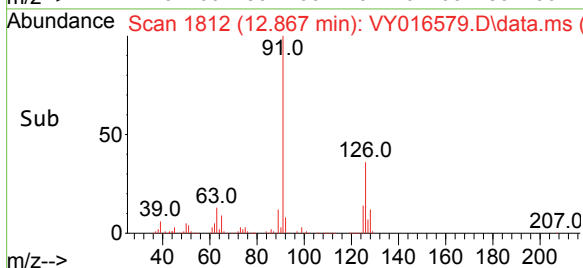
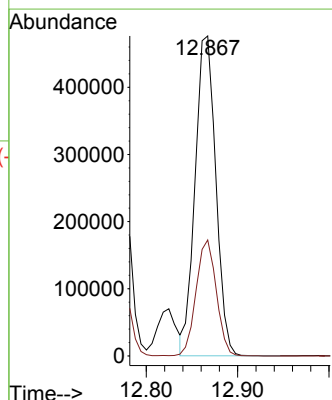
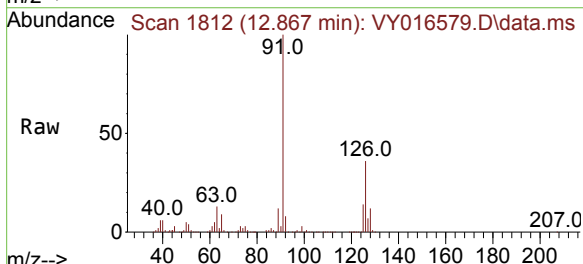
Instrument :
MSVOA_Y
ClientSampleId :

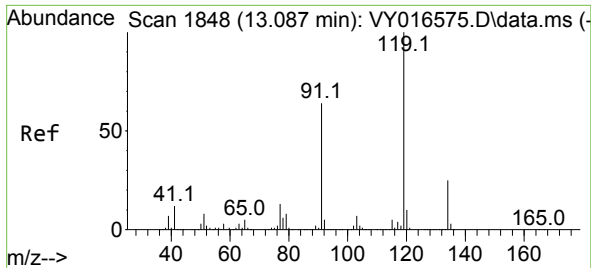
Tgt Ion: 75 Resp: 61534
Ion Ratio Lower Upper
75 100
53 93.5 77.8 116.8
89 48.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 96.217 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 91 Resp: 749635
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6

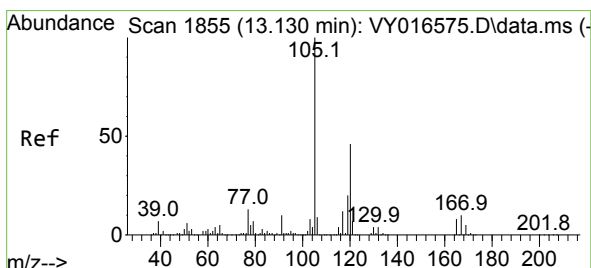
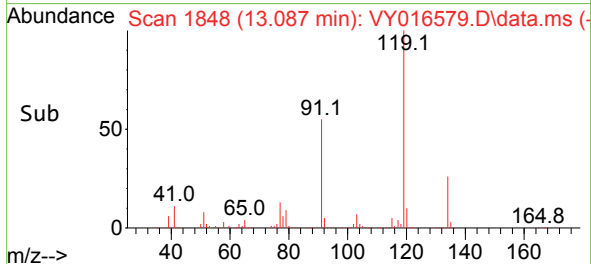
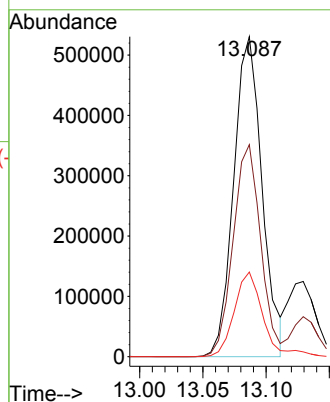
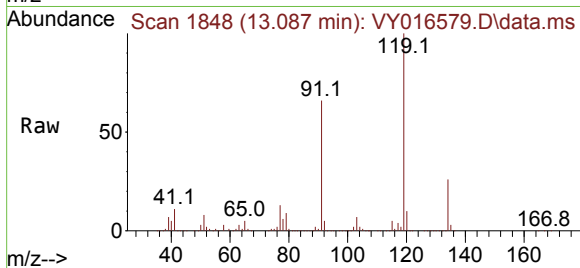




#83
tert-Butylbenzene
Concen: 99.474 ug/l
RT: 13.087 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

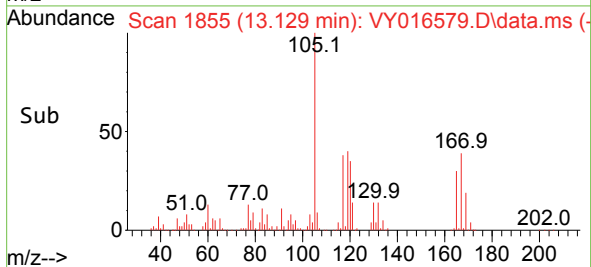
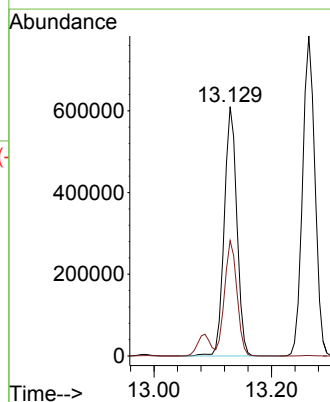
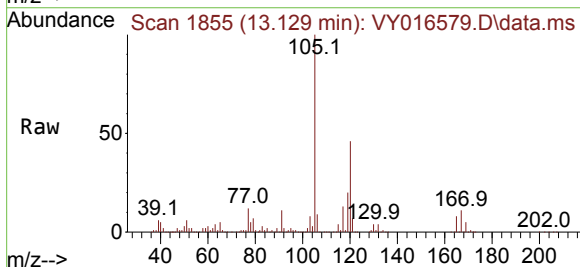
Instrument :
MSVOA_Y
ClientSampleId :

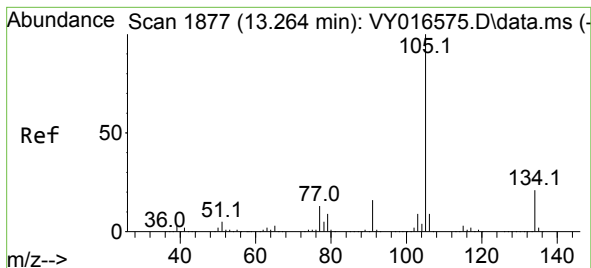
Tgt Ion:119 Resp: 829055
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.6
134 26.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 99.690 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion:105 Resp: 908317
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 97.670 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

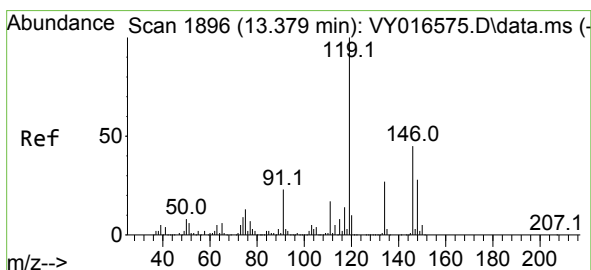
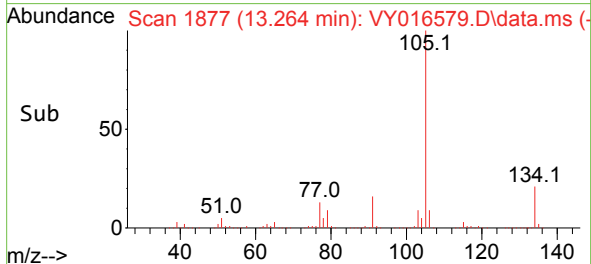
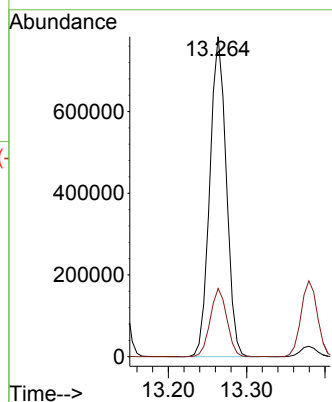
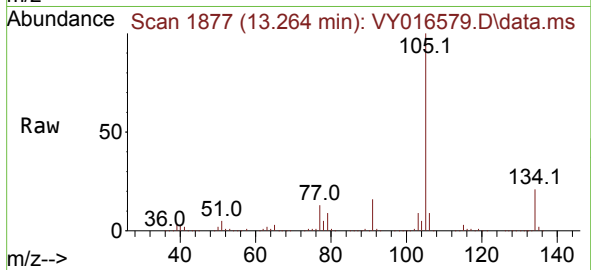
ClientSampleId :

Tgt Ion:105 Resp: 1143285

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 99.724 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

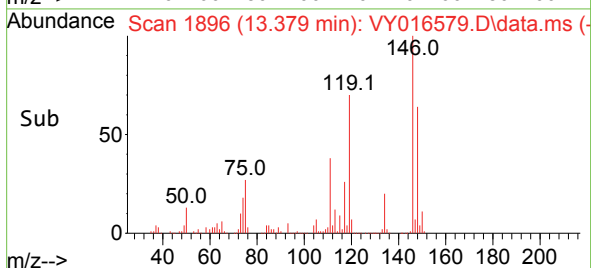
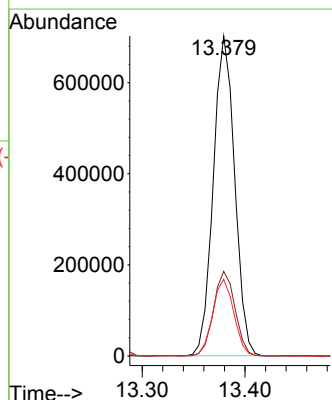
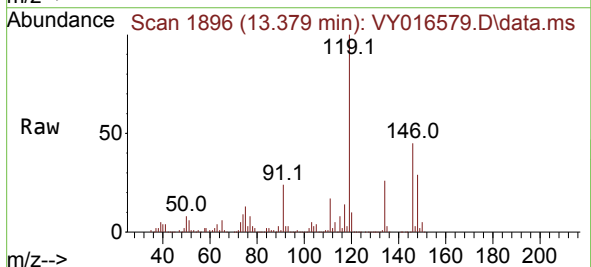
Tgt Ion:119 Resp: 1013310

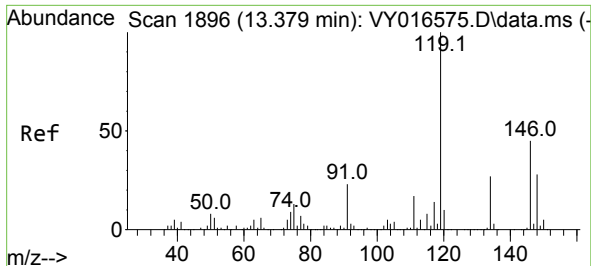
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 96.420 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

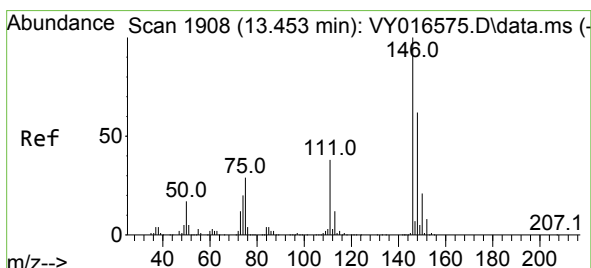
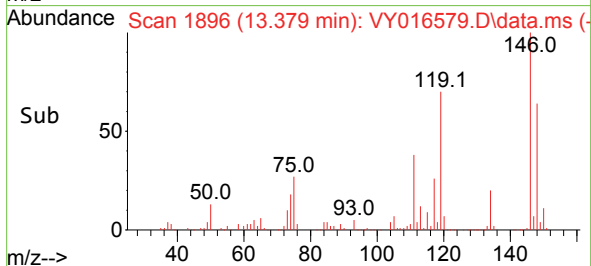
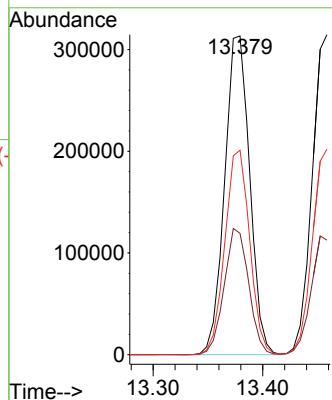
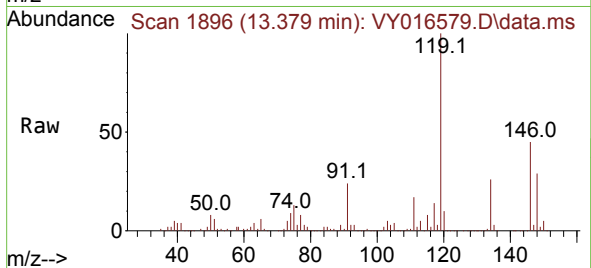
Tgt Ion:146 Resp: 497987

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 96.605 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

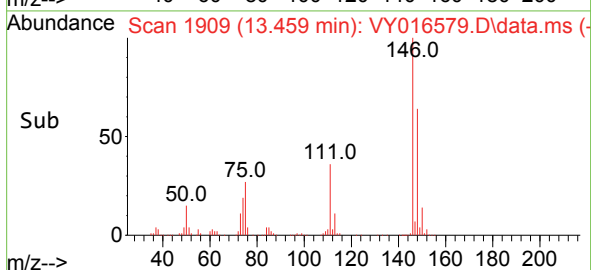
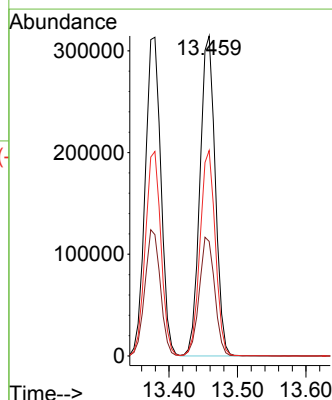
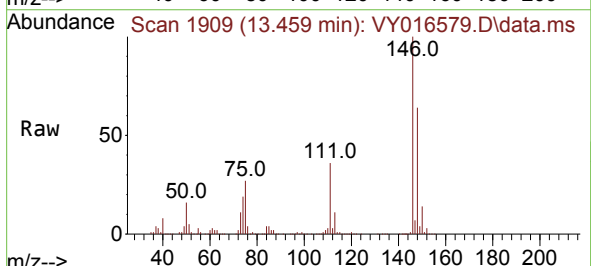
Tgt Ion:146 Resp: 489663

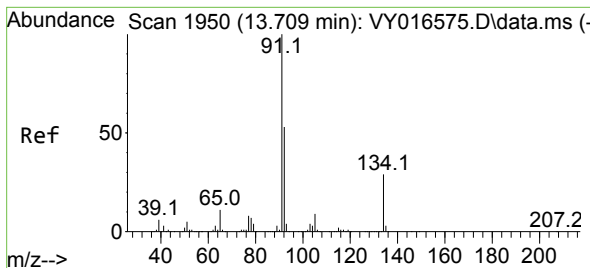
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 98.113 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

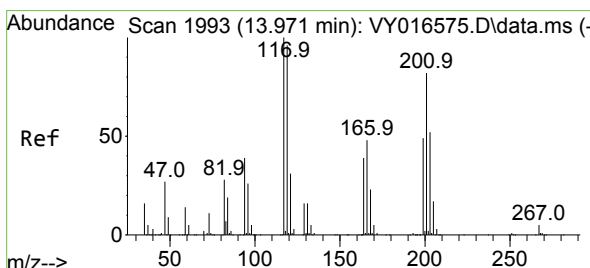
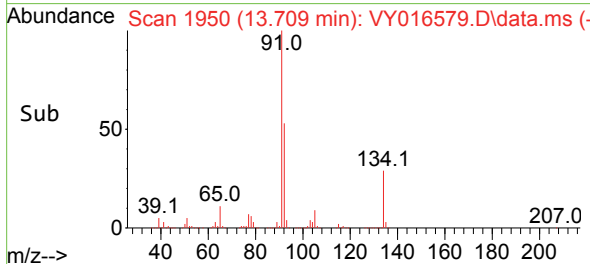
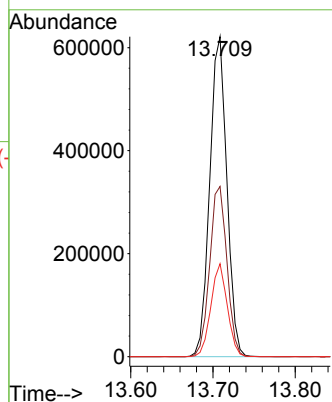
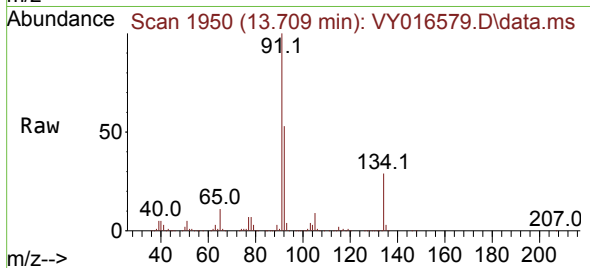
Tgt Ion: 91 Resp: 896552

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 96.630 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016579.D

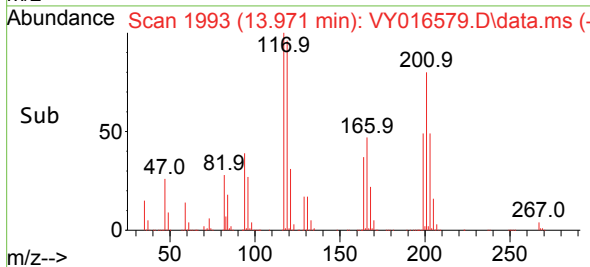
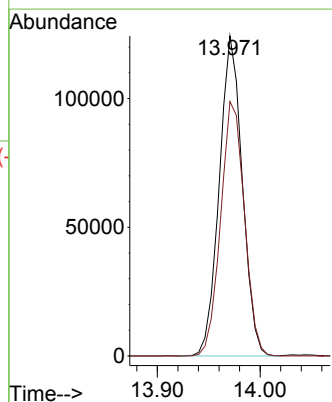
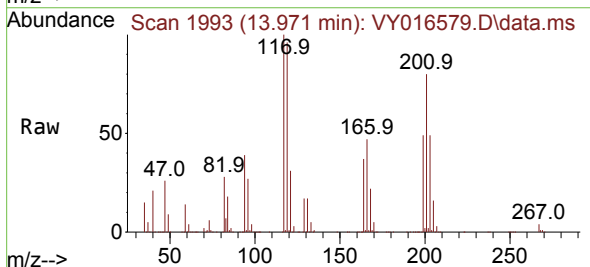
Acq: 04 Dec 2023 15:49

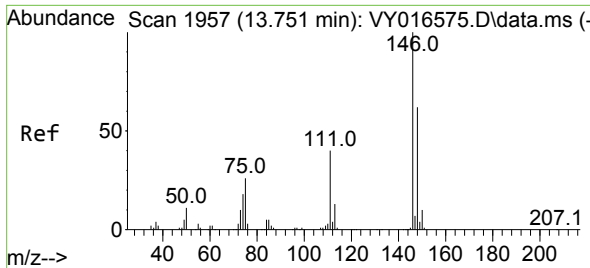
Tgt Ion: 117 Resp: 193193

Ion Ratio Lower Upper

117 100

201 81.9 41.6 124.8

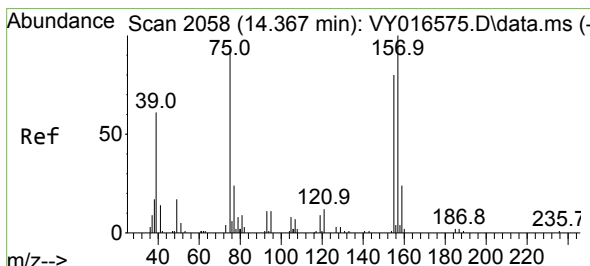
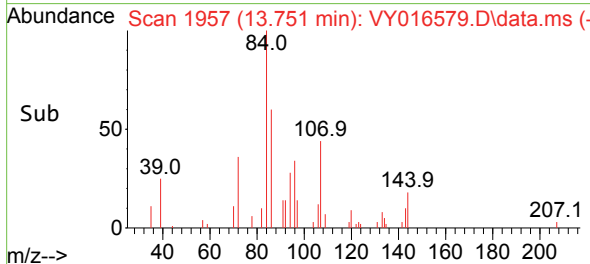
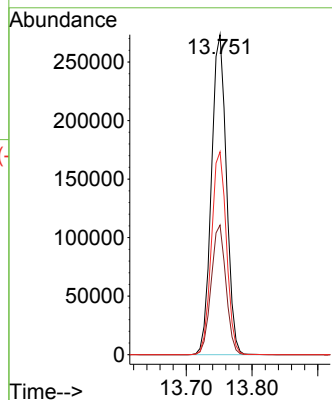
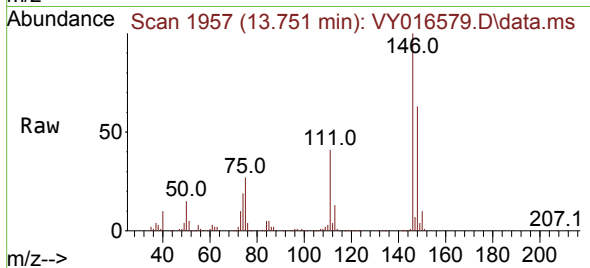




#91
1,2-Dichlorobenzene
Concen: 97.655 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

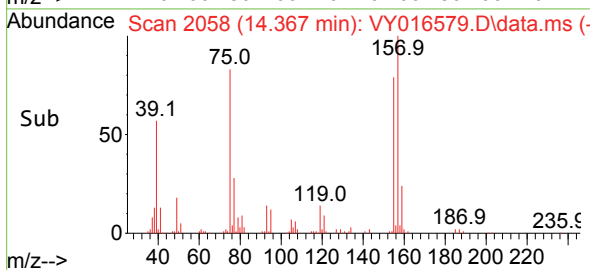
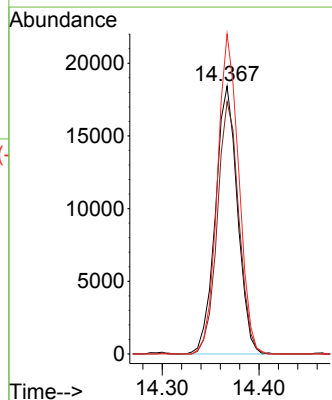
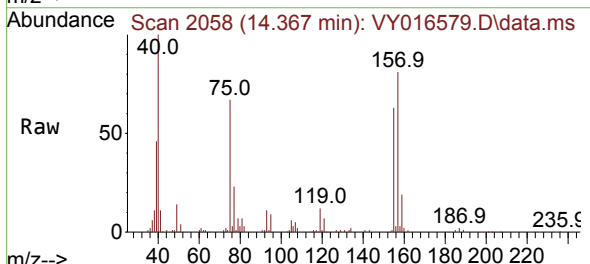
Instrument :
MSVOA_Y
ClientSampleId :

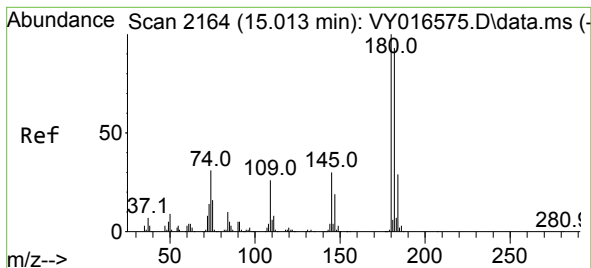
Tgt Ion:146 Resp: 433024
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.762 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016579.D
Acq: 04 Dec 2023 15:49

Tgt Ion: 75 Resp: 29150
Ion Ratio Lower Upper
75 100
155 91.7 41.5 124.6
157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 105.655 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

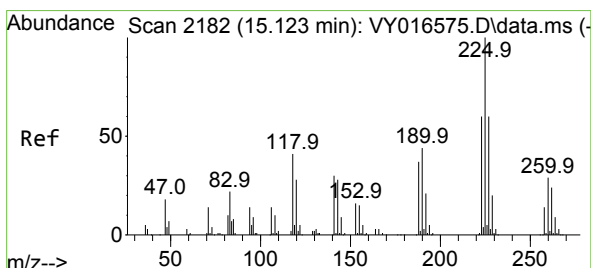
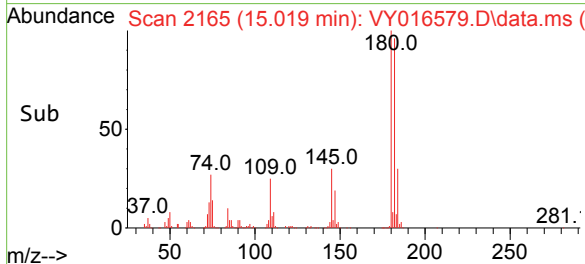
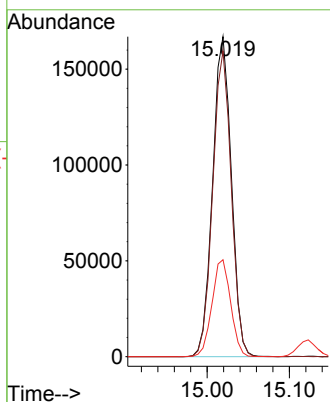
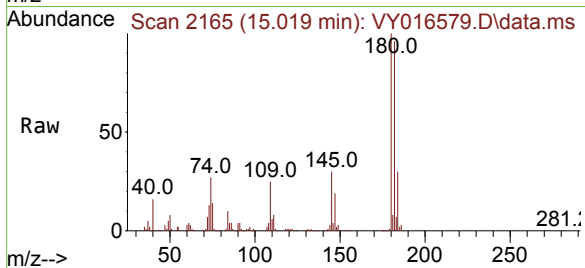
Tgt Ion:180 Resp: 264370

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 91.498 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

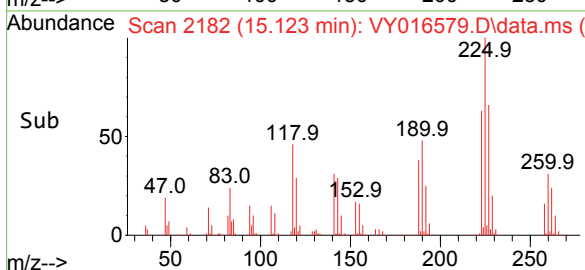
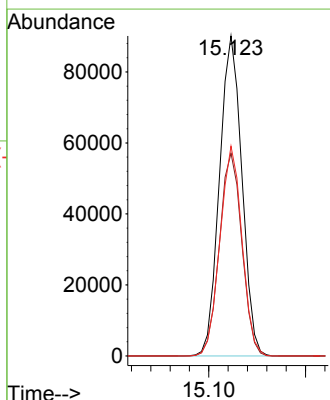
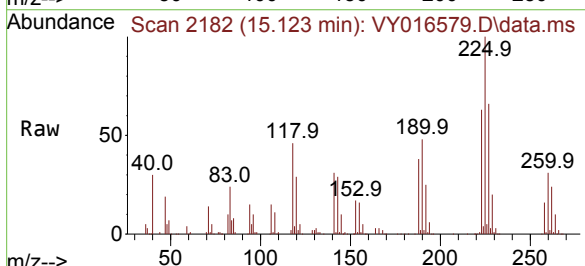
Tgt Ion:225 Resp: 144648

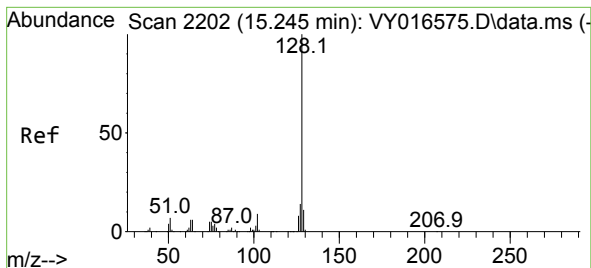
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 96.730 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

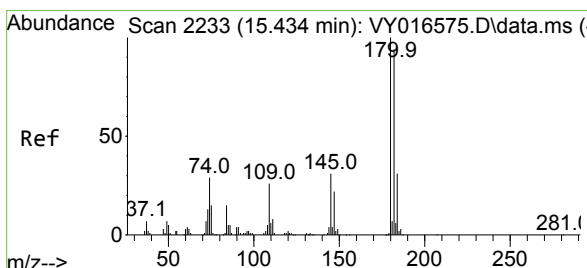
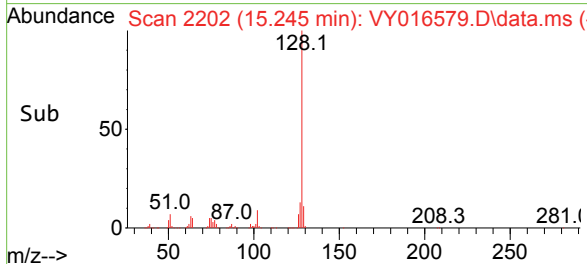
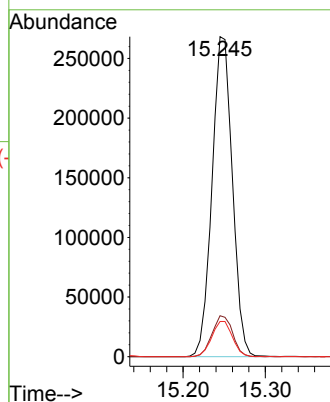
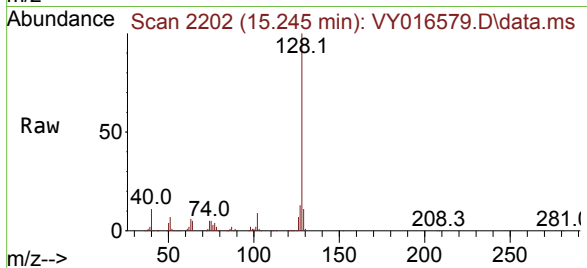
Tgt Ion:128 Resp: 461108

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 97.154 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016579.D

Acq: 04 Dec 2023 15:49

Tgt Ion:180 Resp: 215488

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 32.1 15.4 46.2

