

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009593.D
 Acq On : 19 Jul 2022 16:39
 Operator : KP/MD
 Sample : N3651-04
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(18-24)

Quant Time: Jul 20 02:44:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	257811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399570	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110925	45.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.980%
35) Dibromofluoromethane	7.710	113	105427	39.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.060%
50) Toluene-d8	10.173	98	484971	47.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.477	95	229113	68.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	137.940%

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.948	59	2514	Below Cal	#	77
13) Acrolein	3.924	56	55571	318.794	ug/l #	73
14) Allyl chloride	4.686	41	480492	131.013	ug/l #	57
15) Acrylonitrile	5.222	53	20824	31.022	ug/l #	41
16) Acetone	3.930	43	166179	269.419	ug/l #	64
18) Methyl Acetate	4.686	43	1247102	720.286	ug/l #	56
20) Methylene Chloride	4.710	84	17543	Below Cal	#	1
23) Vinyl Acetate	6.094	43	5618	1.137	ug/l #	75
25) 2-Butanone	6.966	43	81778	90.892	ug/l #	56
29) Tetrahydrofuran	7.344	42	2593	4.390	ug/l #	38
30) Chloroform	7.454	83	108881	23.531	ug/l #	18
31) Cyclohexane	7.771	56	547845	127.426	ug/l #	91
36) 1,1-Dichloropropene	7.777	75	17286	4.386	ug/l #	74
37) Ethyl Acetate	6.966	43	81778	37.286	ug/l #	74
38) Carbon Tetrachloride	7.783	117	22889	5.548	ug/l #	16
39) Methylcyclohexane	9.179	83	1136835	233.960	ug/l #	67
41) Methacrylonitrile	7.344	41	23243	22.085	ug/l #	55
42) 1,2-Dichloroethane	8.325	62	18530	5.728	ug/l #	1
43) Isopropyl Acetate	8.325	43	5635837	1402.328	ug/l #	56
45) 1,2-Dichloropropane	9.185	63	10826	3.827	ug/l #	1
47) Bromodichloromethane	9.478	83	330597	85.807	ug/l #	26
48) Methyl methacrylate	9.319	41	620584	349.503	ug/l #	36
51) 4-Methyl-2-Pentanone	10.112	43	977697	468.534	ug/l	89
55) 1,1,2-Trichloroethane	10.612	97	832047	359.564	ug/l #	22
56) Ethyl methacrylate	10.514	69	75463	25.490	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.752	63	43438	52.381	ug/l #	48
59) 2-Hexanone	10.807	43	317143	218.516	ug/l #	40
60) Dibromochloromethane	10.904	129	5730	2.046	ug/l	75
61) 1,2-Dibromoethane	11.057	107	8055	3.568	ug/l #	1
67) Ethyl Benzene	11.624	91	18446	1.284	ug/l #	44
68) m/p-Xylenes	11.703	106	12735	2.228	ug/l #	62
73) Isopropylbenzene	12.325	105	201272	15.057	ug/l	99
74) N-amyl acetate	12.197	43	294388	82.810	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.569	83	59972	22.403	ug/l #	1
76) 1,2,3-Trichloropropane	12.666	75	2243	1.220	ug/l #	100
78) n-propylbenzene	12.666	91	369934	22.903	ug/l	98

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

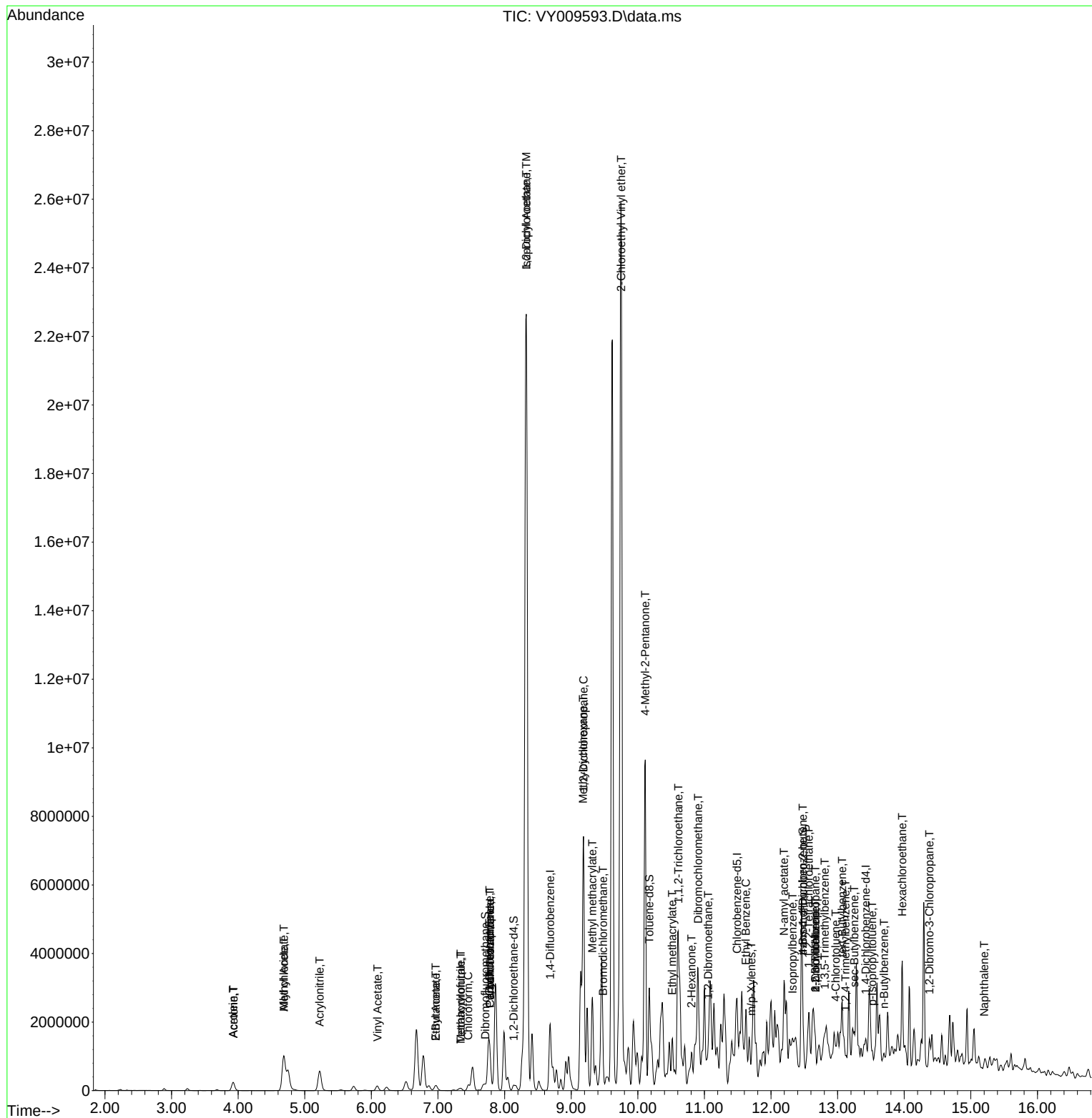
79) 2-Chlorotoluene	12.666	91	369934	41.310	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.806	105	21386	1.936	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.477	75	72290	77.505	ug/l #	72
82) 4-Chlorotoluene	12.971	91	26619	2.865	ug/l #	41
83) tert-Butylbenzene	13.069	119	22527	2.296	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	25666	2.324	ug/l	97
85) sec-Butylbenzene	13.251	105	209197	14.379	ug/l #	39
86) p-Isopropyltoluene	13.520	119	109069	8.920	ug/l	97
89) n-Butylbenzene	13.696	91	103389	9.259	ug/l	92
90) Hexachloroethane	13.971	117	111865	47.489	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.379	75	1223	3.003	ug/l #	36
95) Naphthalene	15.202	128	25790	3.705	ug/l #	19

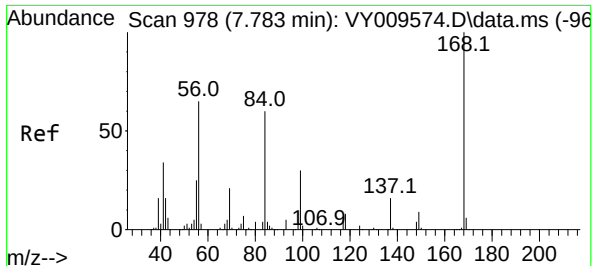
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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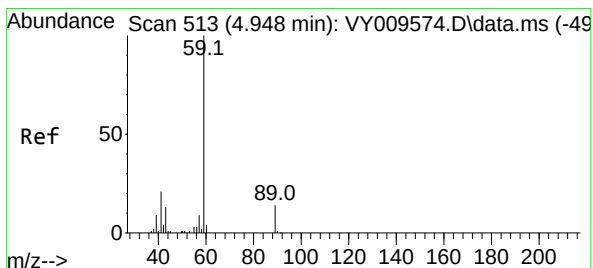
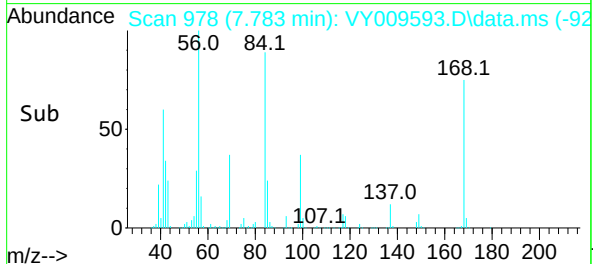
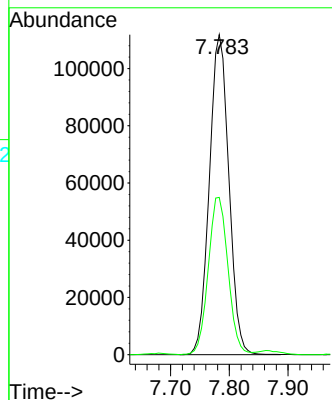
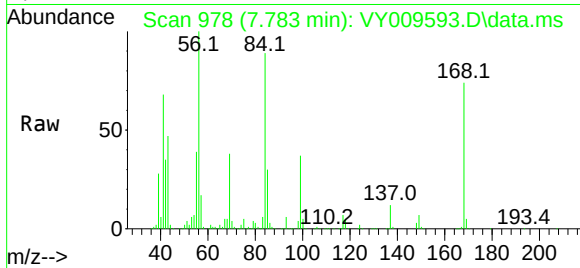




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009593.D
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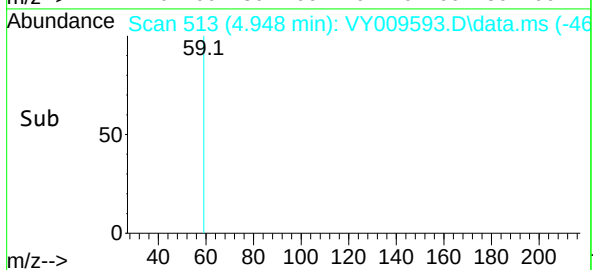
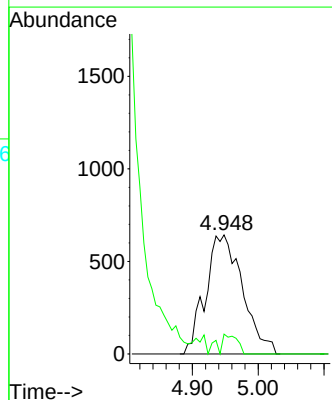
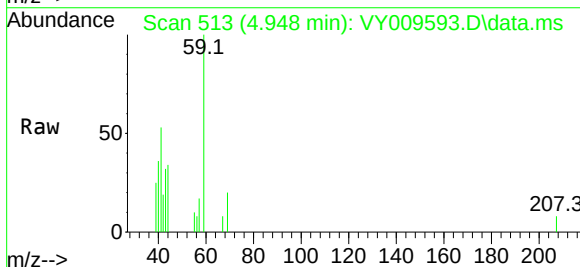
Instrument :
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ClientSampleId :
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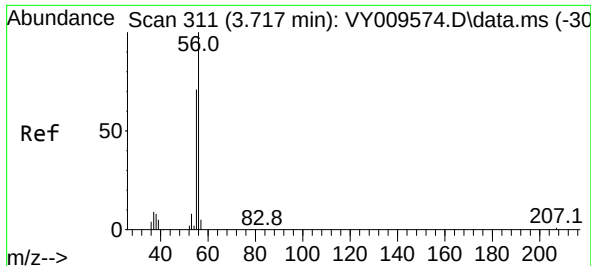
Tgt Ion:168 Resp: 257811
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 59 Resp: 2514
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

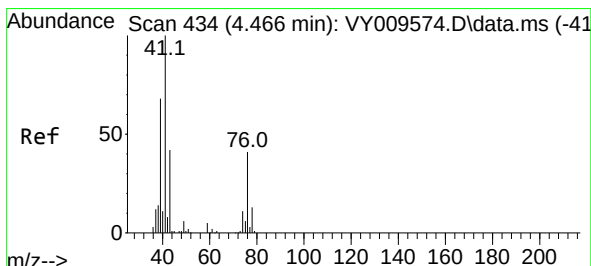
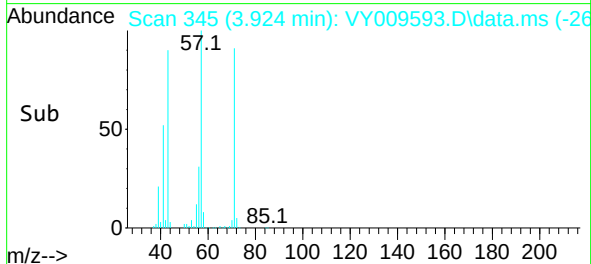
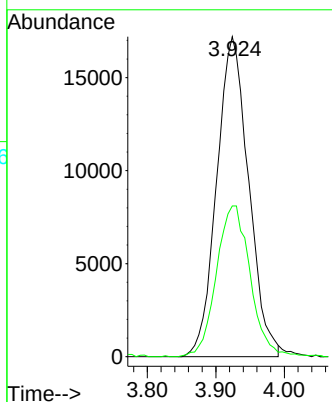
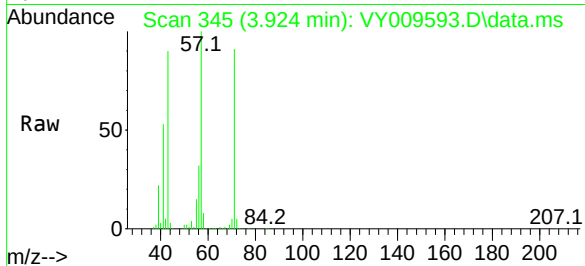




#13
Acrolein
Concen: 318.794 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.207 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

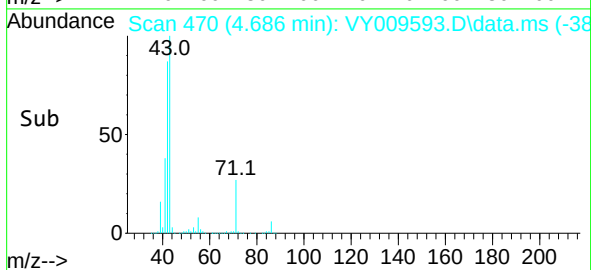
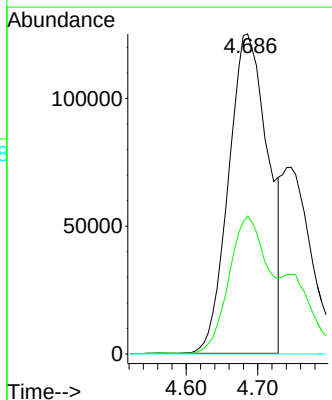
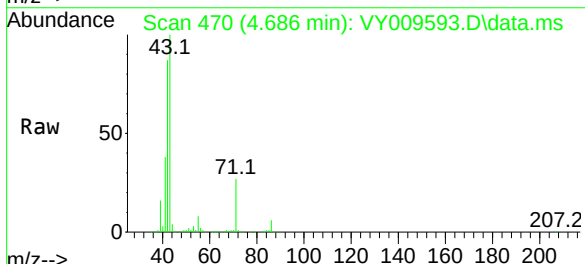
Instrument :
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SED-2-(18-24)

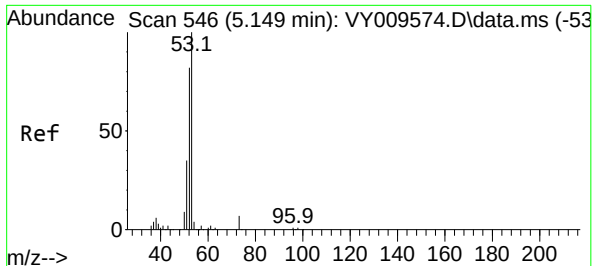
Tgt Ion: 56 Resp: 55571
Ion Ratio Lower Upper
56 100
55 49.3 57.6 86.4#



#14
Allyl chloride
Concen: 131.013 ug/l
RT: 4.686 min Scan# 470
Delta R.T. 0.219 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 41 Resp: 480492
Ion Ratio Lower Upper
41 100
39 42.5 58.8 88.2#
76 0.0 25.1 37.7#

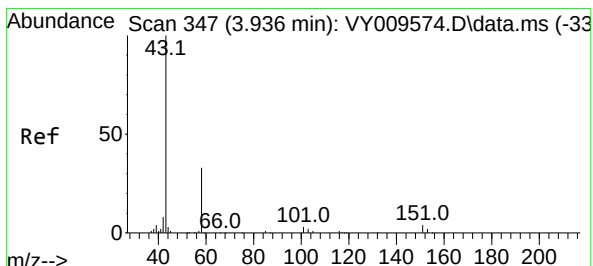
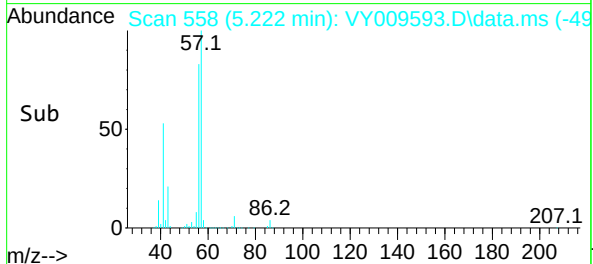
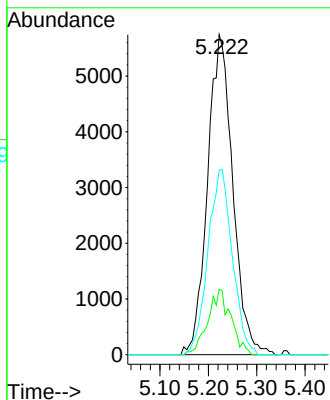
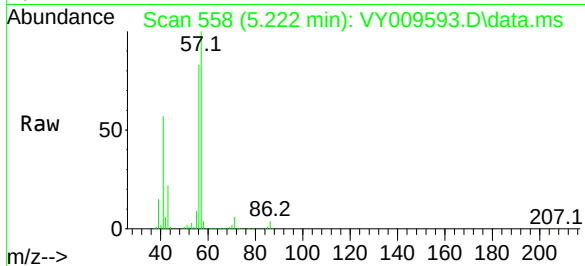




#15
Acrylonitrile
Concen: 31.022 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

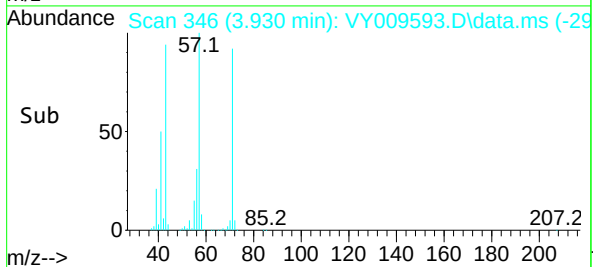
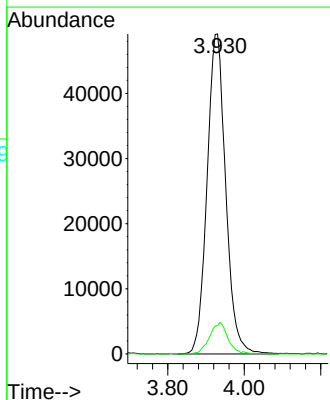
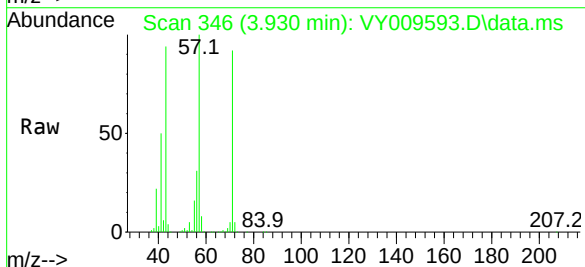
Instrument :
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ClientSampleId :
SED-2-(18-24)

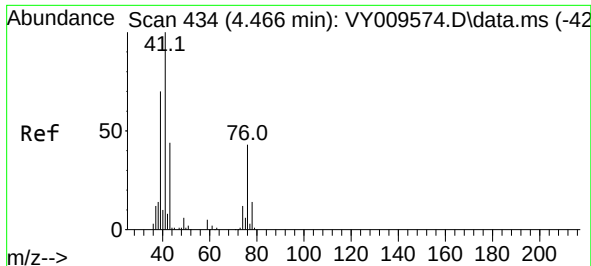
Tgt Ion: 53 Resp: 20824
Ion Ratio Lower Upper
53 100
52 18.7 67.0 100.4#
51 56.0 29.8 44.6#



#16
Acetone
Concen: 269.419 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 43 Resp: 166179
Ion Ratio Lower Upper
43 100
58 8.9 22.0 33.0#

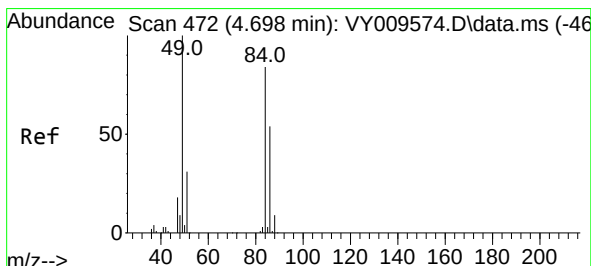
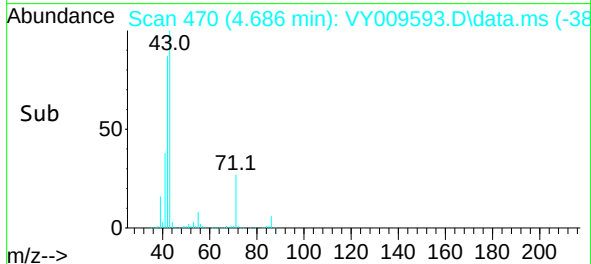
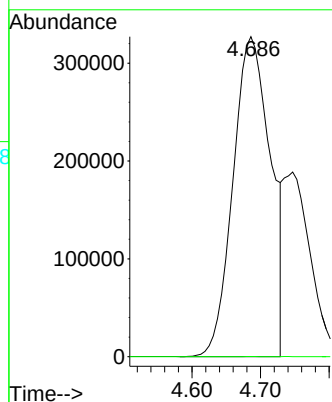
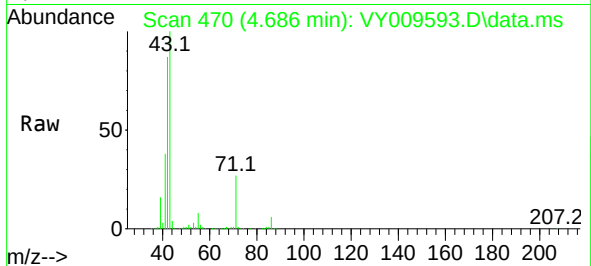




#18
Methyl Acetate
Concen: 720.286 ug/l
RT: 4.686 min Scan# 41
Delta R.T. 0.219 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

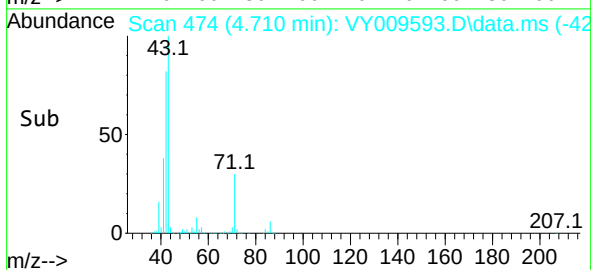
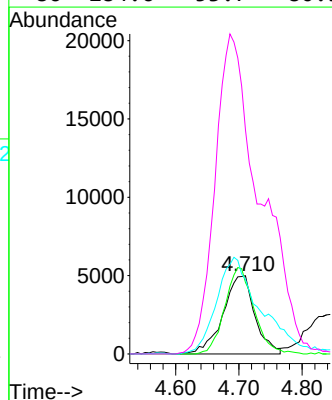
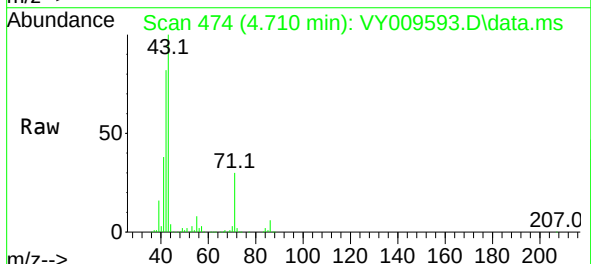
Instrument :
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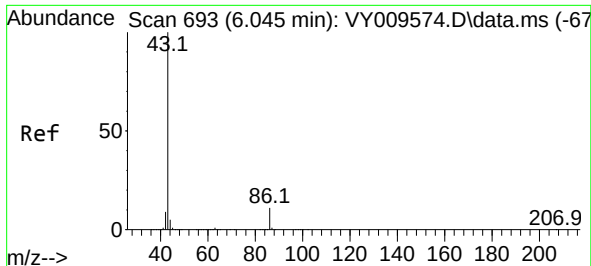
Tgt Ion: 43 Resp: 1247102
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 84 Resp: 17543
Ion Ratio Lower Upper
84 100
49 91.3 114.4 171.6#
51 95.3 35.3 52.9#
86 284.6 53.7 80.5#

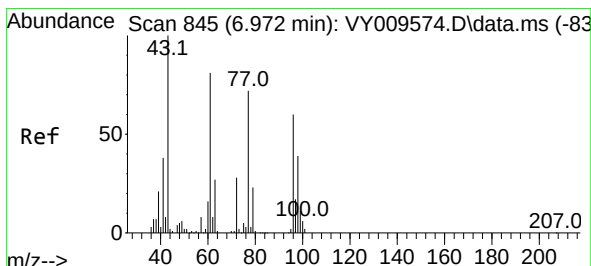
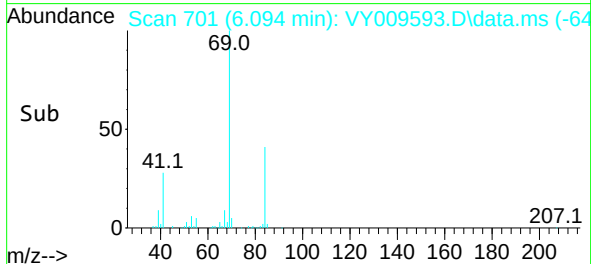
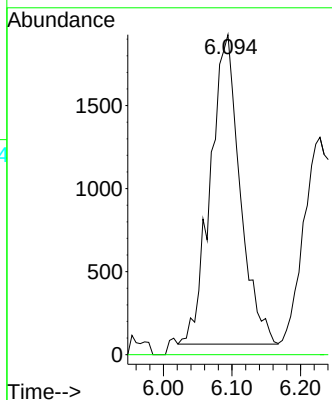
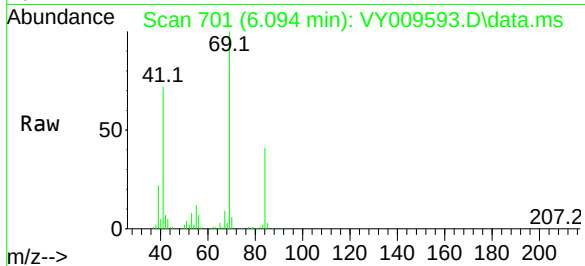




#23
 Vinyl Acetate
 Concen: 1.137 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.049 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

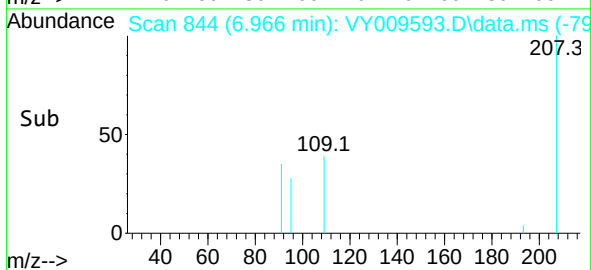
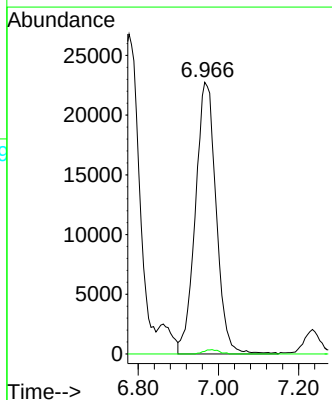
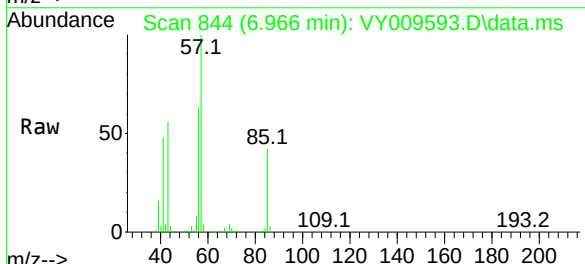
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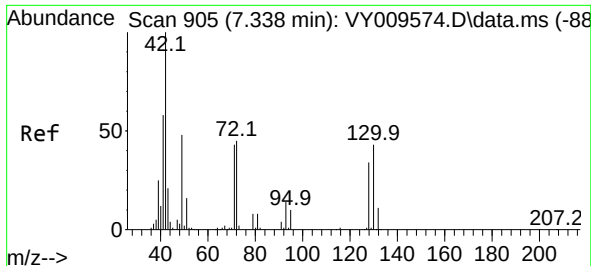
Tgt Ion: 43 Resp: 5618
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 90.892 ug/l
 RT: 6.966 min Scan# 844
 Delta R.T. -0.006 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

Tgt Ion: 43 Resp: 81778
 Ion Ratio Lower Upper
 43 100
 72 0.9 17.7 26.5#

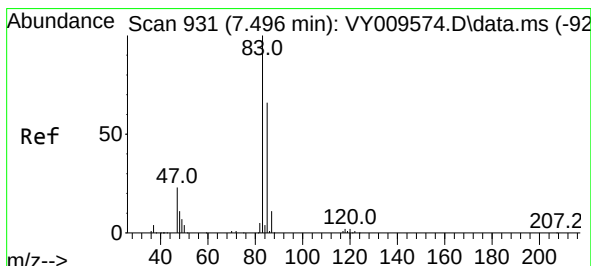
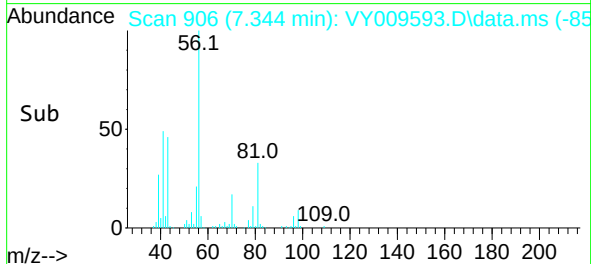
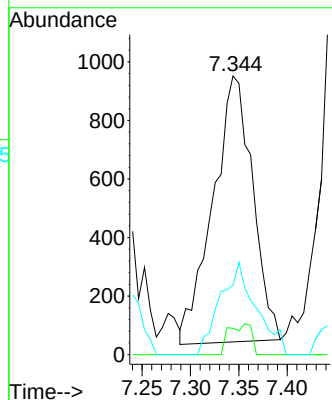
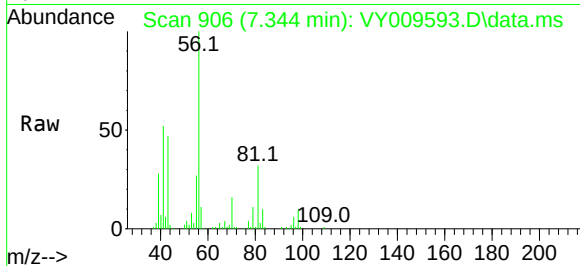




#29
Tetrahydrofuran
Concen: 4.390 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

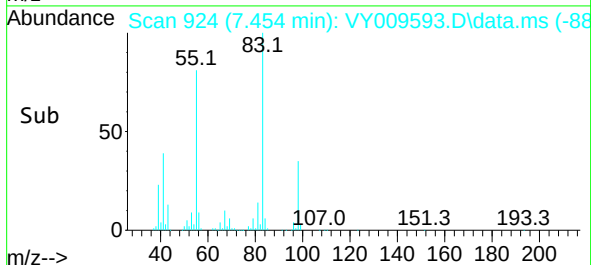
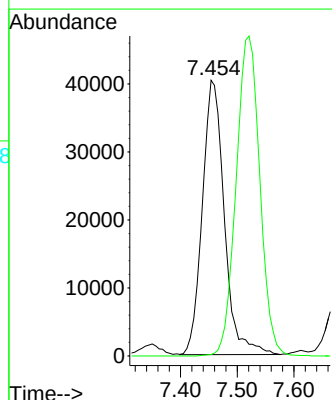
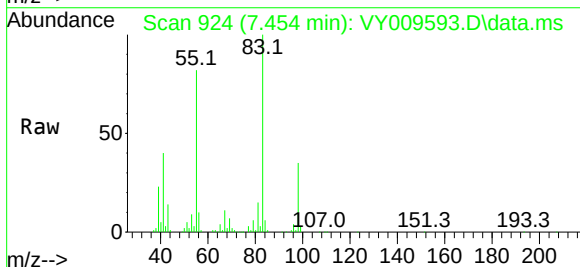
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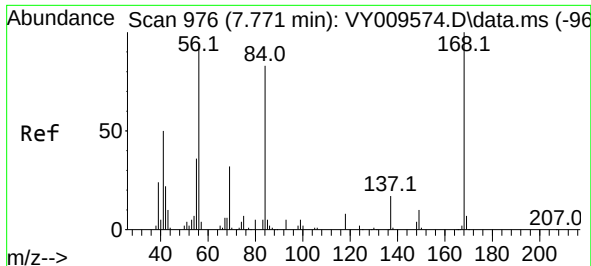
Tgt Ion: 42 Resp: 2593
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



#30
Chloroform
Concen: 23.531 ug/l
RT: 7.454 min Scan# 924
Delta R.T. -0.043 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 83 Resp: 108881
Ion Ratio Lower Upper
83 100
85 0.5 51.8 77.6#

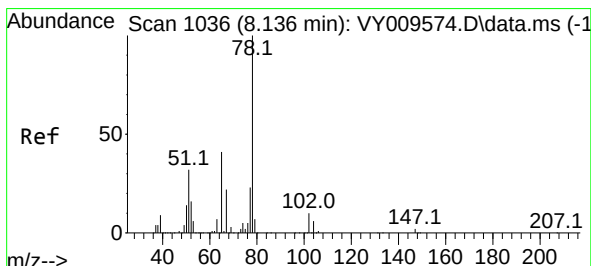
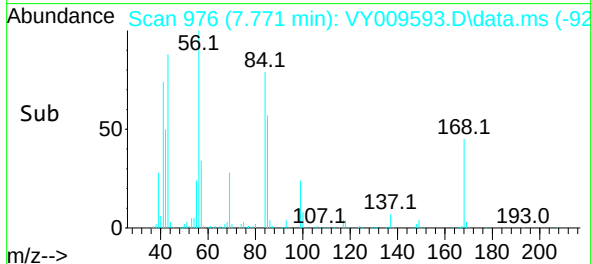
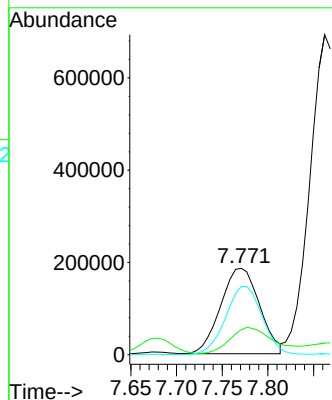
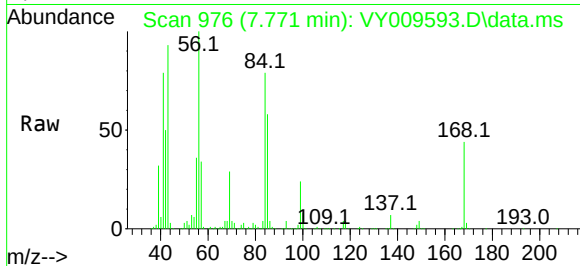




#31
Cyclohexane
Concen: 127.426 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

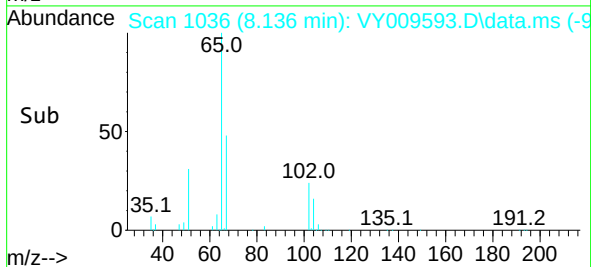
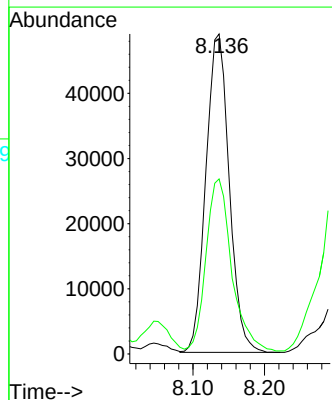
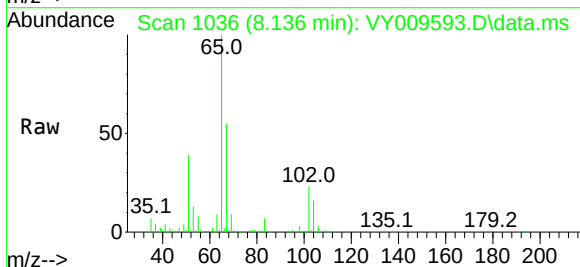
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

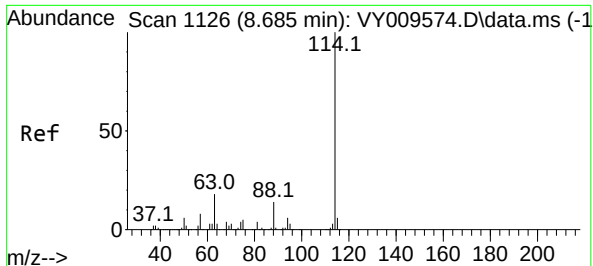
Tgt Ion: 56 Resp: 547845
Ion Ratio Lower Upper
56 100
69 22.4 26.7 40.1#
84 79.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 45.493 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 65 Resp: 110925
Ion Ratio Lower Upper
65 100
67 59.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009593.D

Acq: 19 Jul 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(18-24)

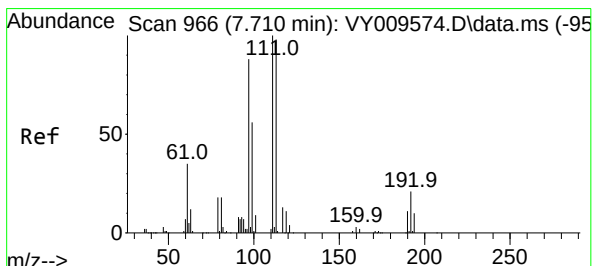
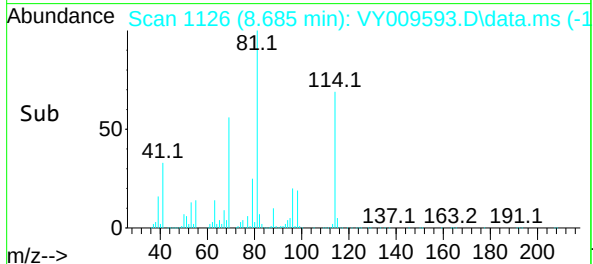
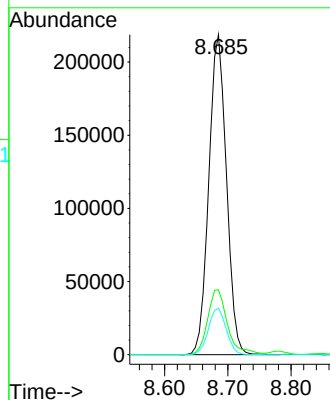
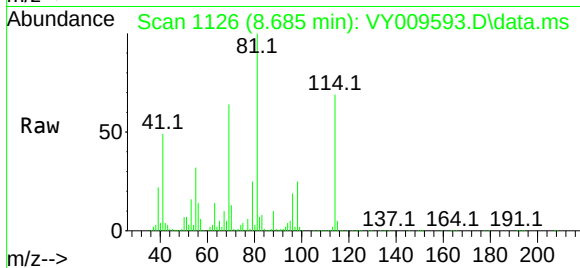
Tgt Ion:114 Resp: 423301

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.533 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009593.D

Acq: 19 Jul 2022 16:39

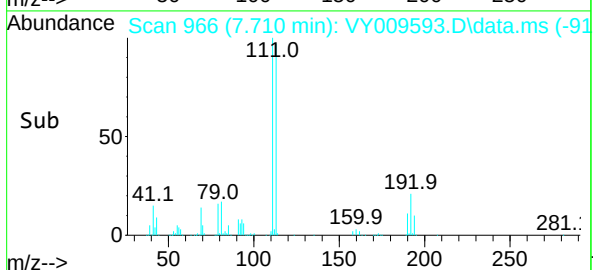
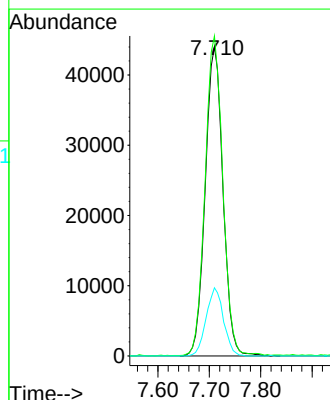
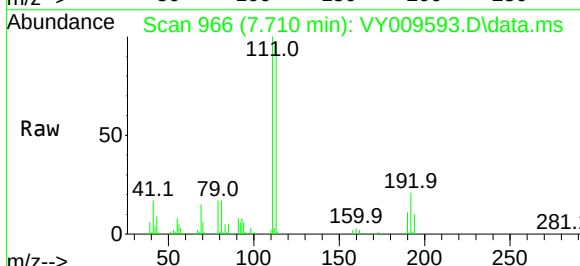
Tgt Ion:113 Resp: 105427

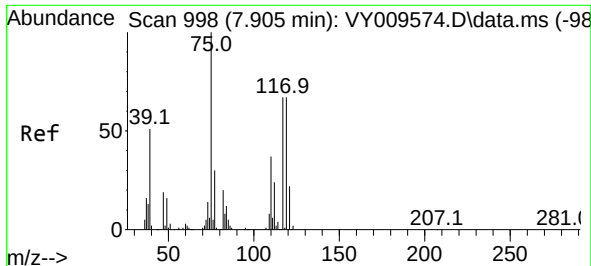
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.6 17.6 26.4

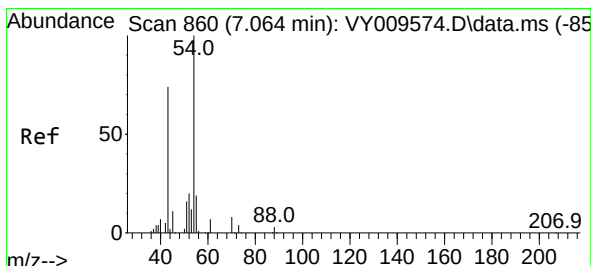
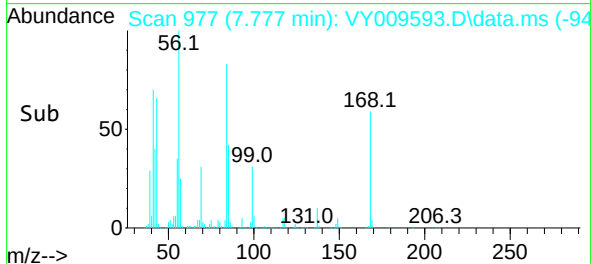
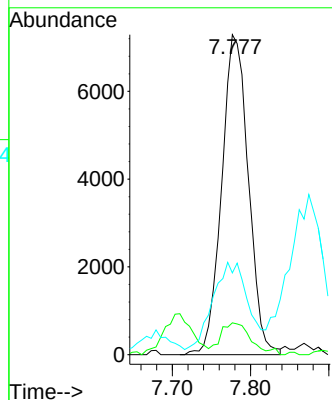
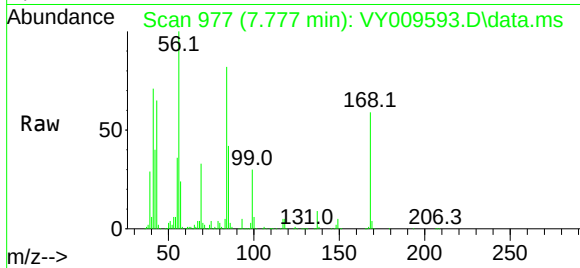




#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

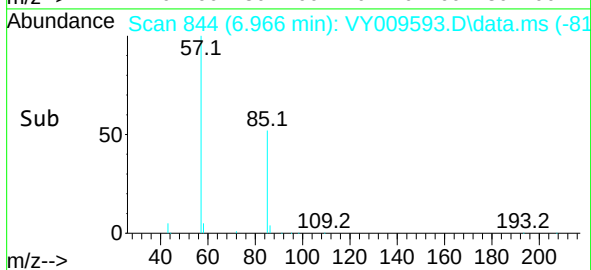
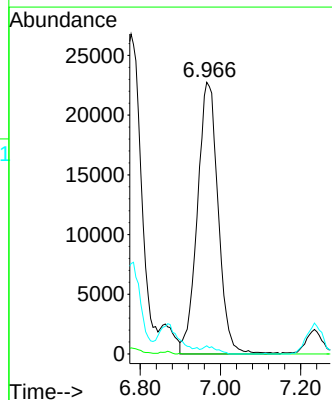
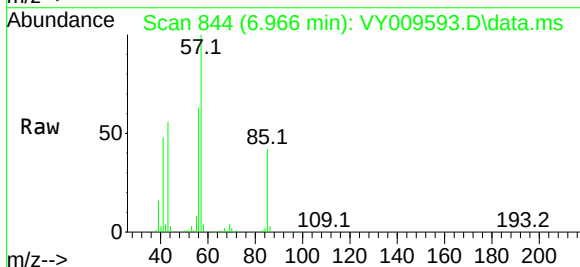
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

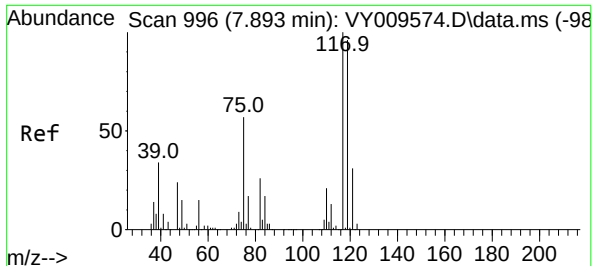
Tgt Ion: 75 Resp: 17286
Ion Ratio Lower Upper
75 100
110 11.3 17.1 51.2#
77 35.9 24.4 36.6



#37
Ethyl Acetate
Concen: 37.286 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.098 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 43 Resp: 81778
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 2.0 7.1 10.7#

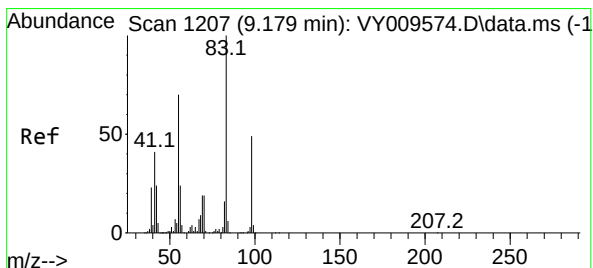
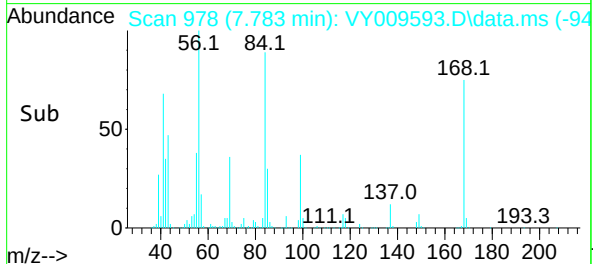
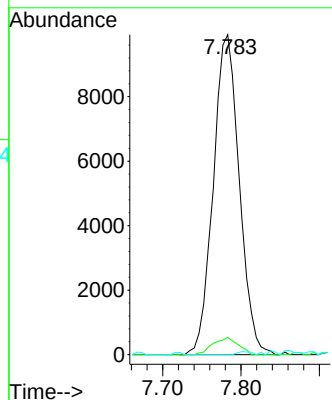
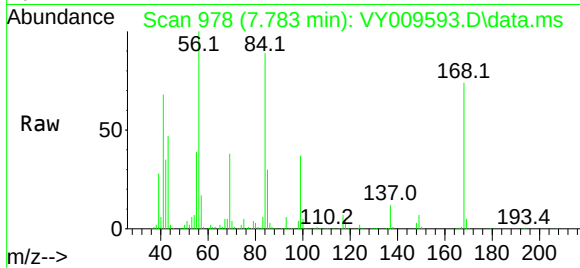




#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

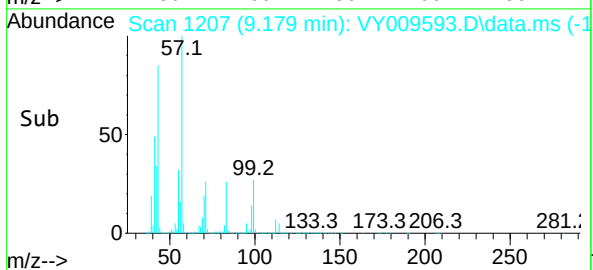
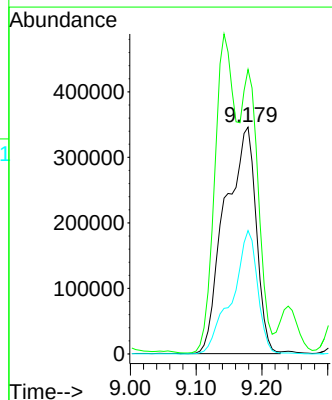
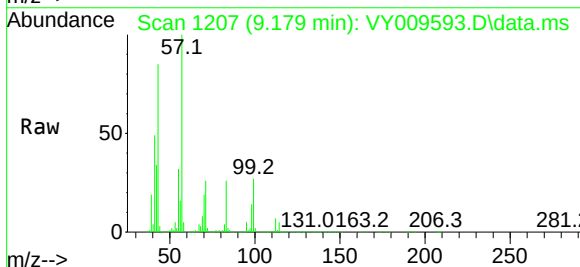
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

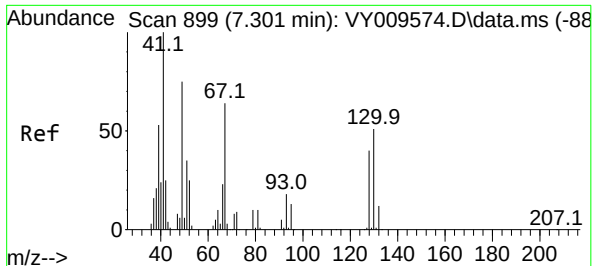
Tgt Ion:117 Resp: 22889
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 233.960 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 83 Resp: 1136835
Ion Ratio Lower Upper
83 100
55 125.1 66.5 99.7#
98 54.4 37.9 56.9

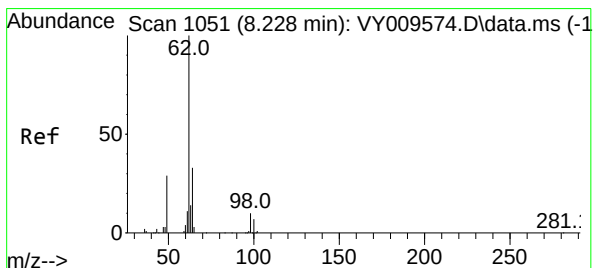
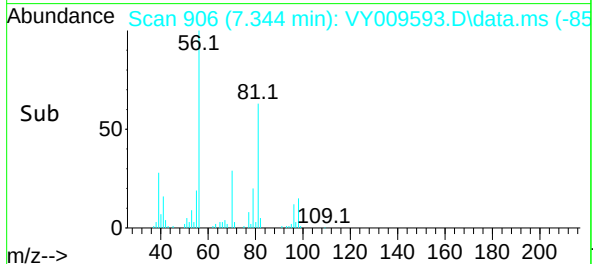
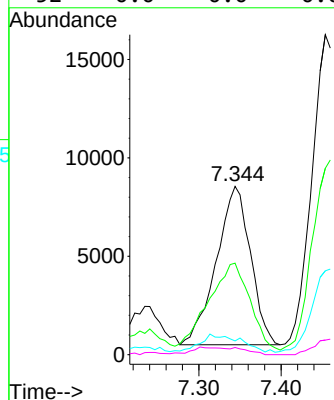
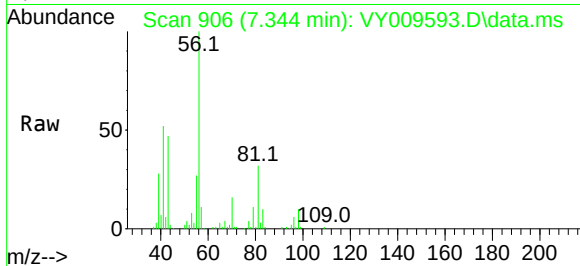




#41
Methacrylonitrile
Concen: 22.085 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

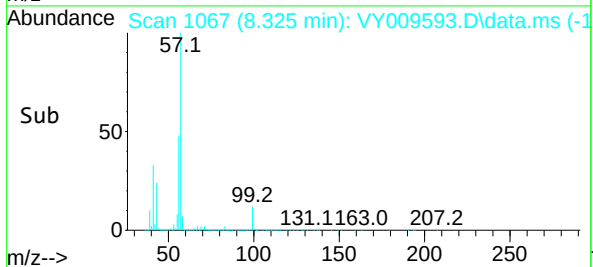
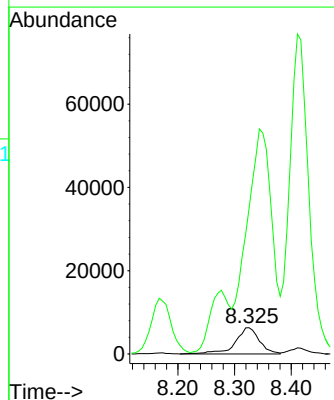
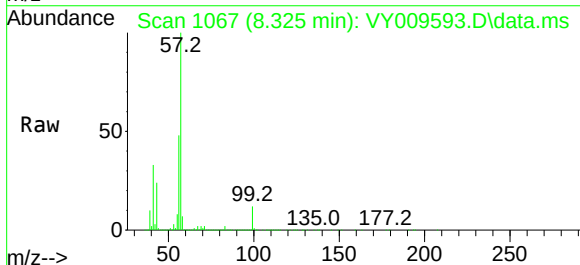
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

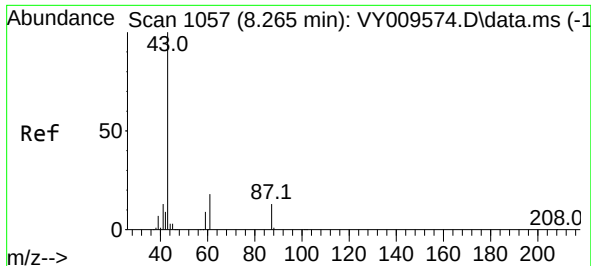
Tgt Ion: 41 Resp: 23243
Ion Ratio Lower Upper
41 100
39 66.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.728 ug/l
RT: 8.325 min Scan# 1067
Delta R.T. 0.098 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 62 Resp: 18530
Ion Ratio Lower Upper
62 100
98 885.3 0.0 14.8#

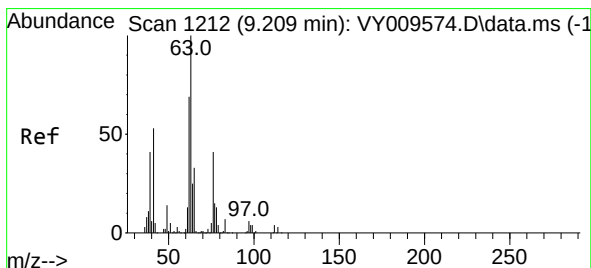
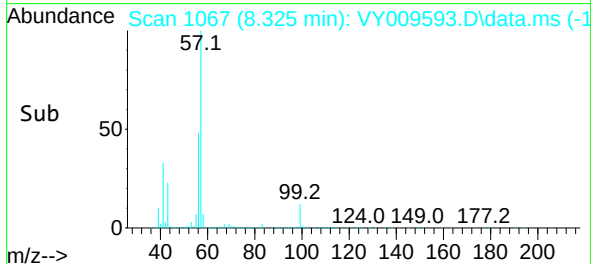
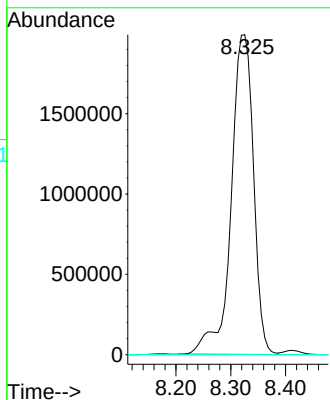
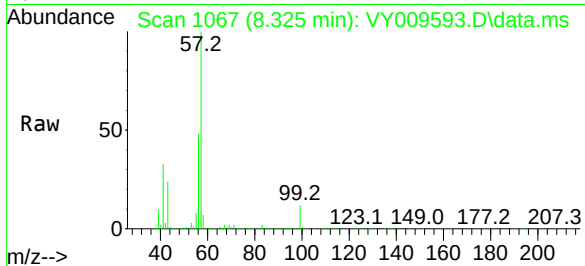




#43
Isopropyl Acetate
Concen: 1402.328 ug/l
RT: 8.325 min Scan# 1067
Delta R.T. 0.061 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

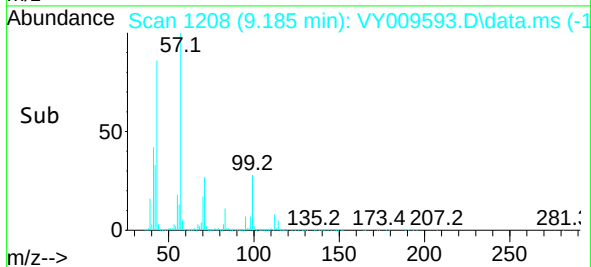
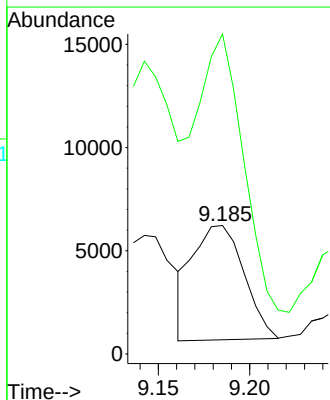
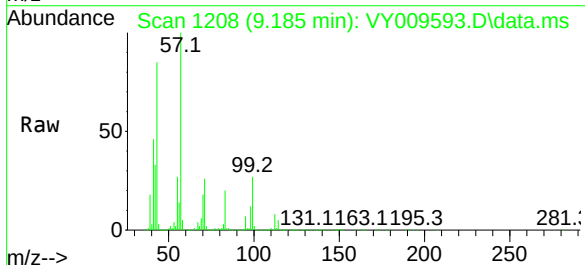
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

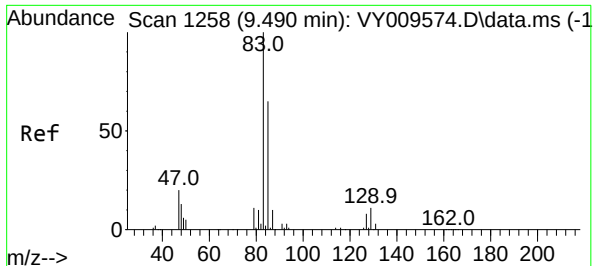
Tgt Ion: 43 Resp: 5635837
Ion Ratio Lower Upper
43 100
61 0.1 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 3.827 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.024 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 63 Resp: 10826
Ion Ratio Lower Upper
63 100
65 245.1 23.0 34.6#

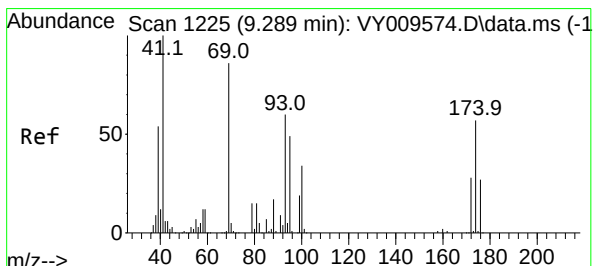
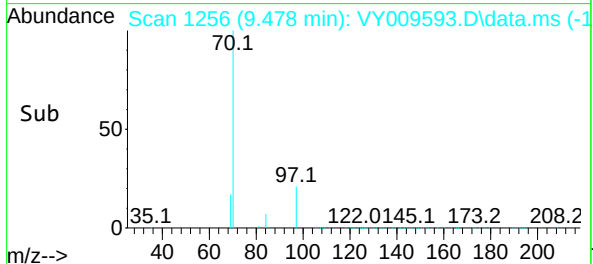
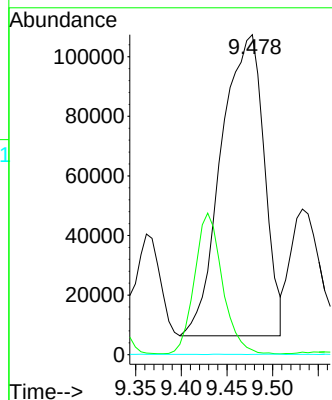
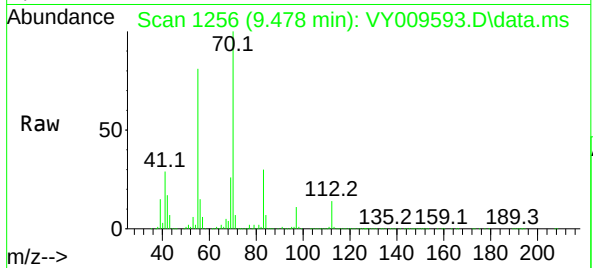




#47
Bromodichloromethane
Concen: 85.807 ug/l
RT: 9.478 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

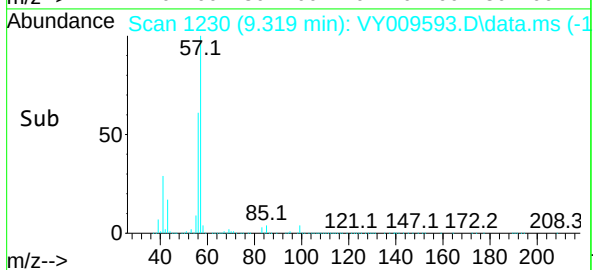
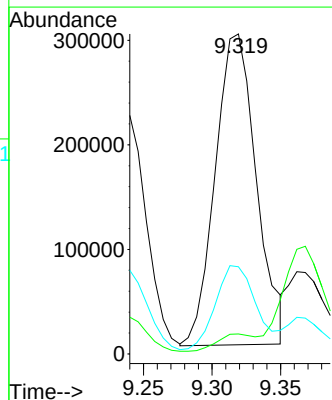
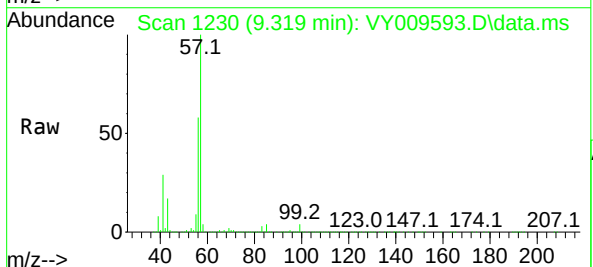
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

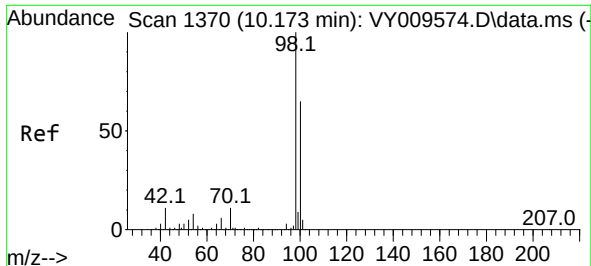
Tgt Ion: 83 Resp: 330597
Ion Ratio Lower Upper
83 100
85 1.3 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 349.503 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.030 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 41 Resp: 620584
Ion Ratio Lower Upper
41 100
69 5.0 58.2 87.2#
39 26.1 47.4 71.0#

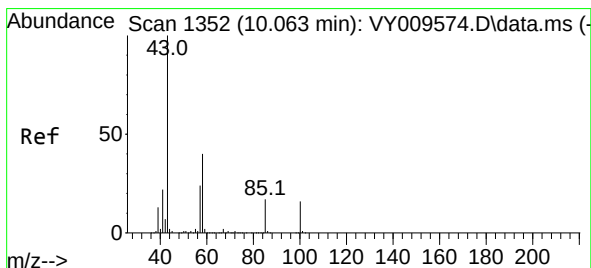
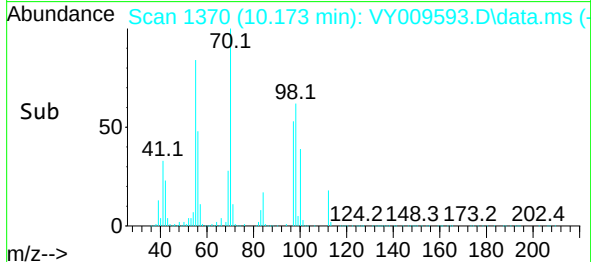
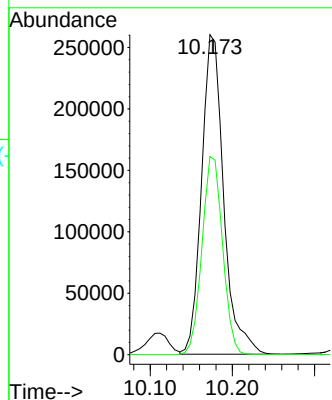
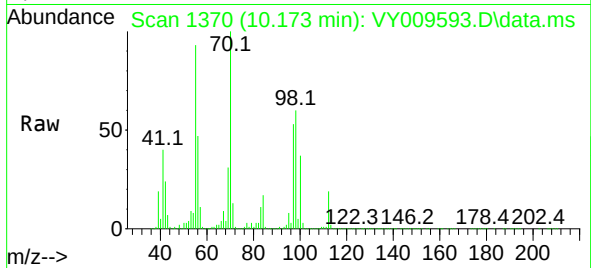




#50
Toluene-d8
Concen: 47.305 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

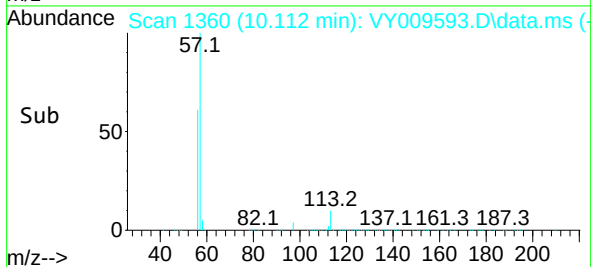
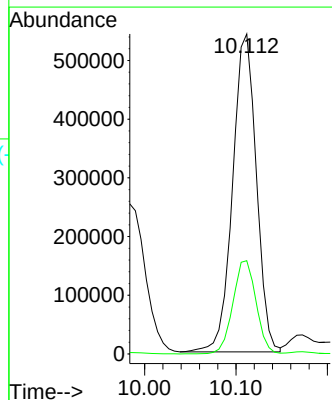
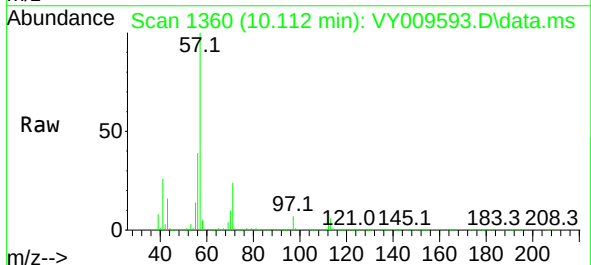
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

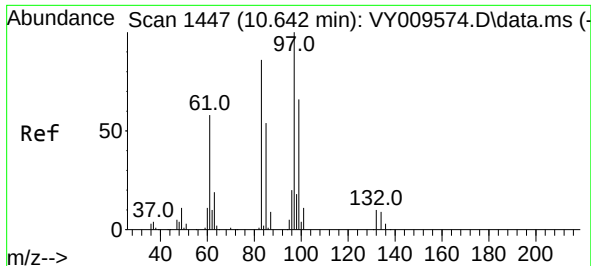
Tgt Ion: 98 Resp: 484971
Ion Ratio Lower Upper
98 100
100 58.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 468.534 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.049 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 43 Resp: 977697
Ion Ratio Lower Upper
43 100
58 28.6 28.1 42.1

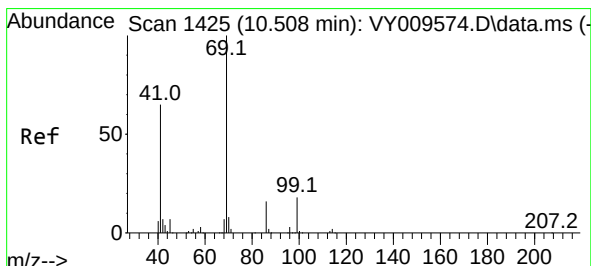
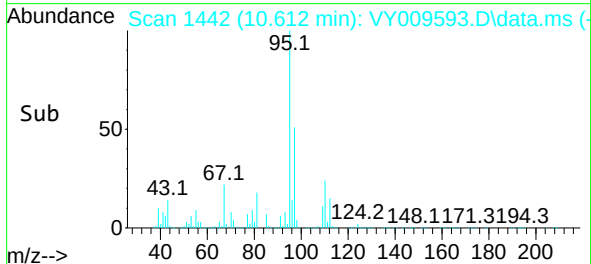
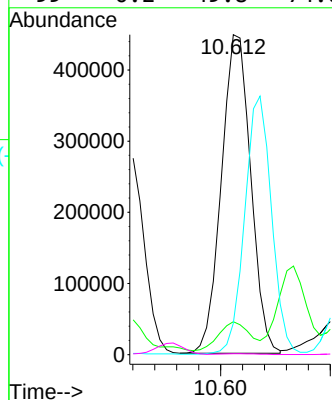
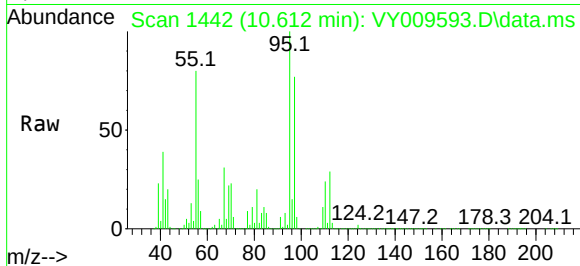




#55
1,1,2-Trichloroethane
Concen: 359.564 ug/l
RT: 10.612 min Scan# 1447
Delta R.T. -0.031 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

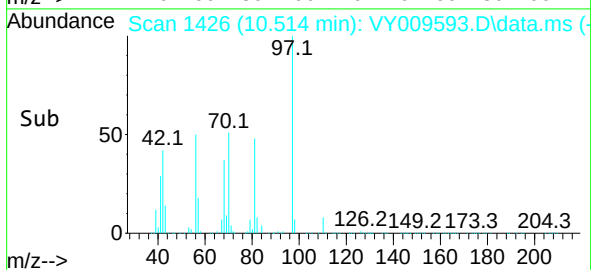
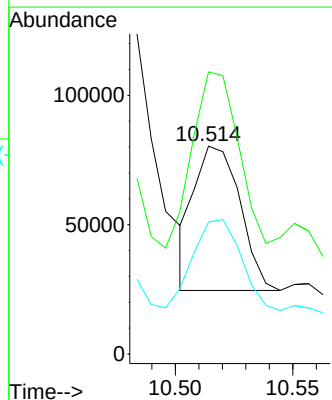
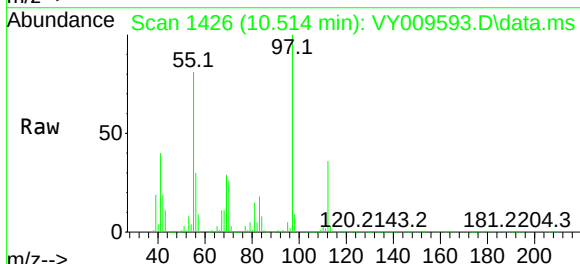
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

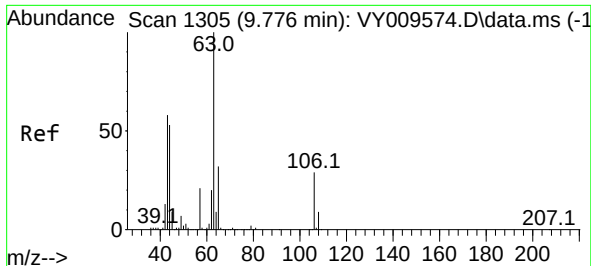
Tgt Ion: 97 Resp: 832047
Ion Ratio Lower Upper
97 100
83 8.2 69.8 104.8#
85 9.7 44.3 66.5#
99 0.2 49.8 74.6#



#56
Ethyl methacrylate
Concen: 25.490 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 69 Resp: 75463
Ion Ratio Lower Upper
69 100
41 239.8 63.4 95.0#
39 135.1 35.8 53.8#

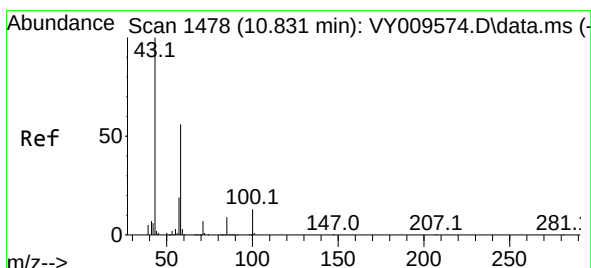
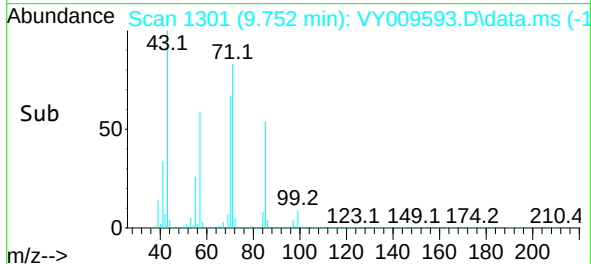
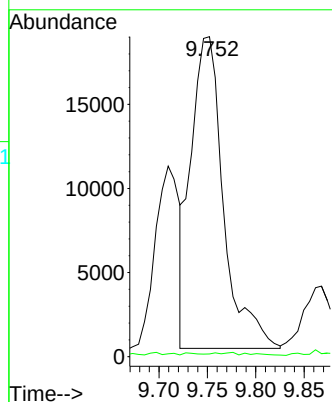
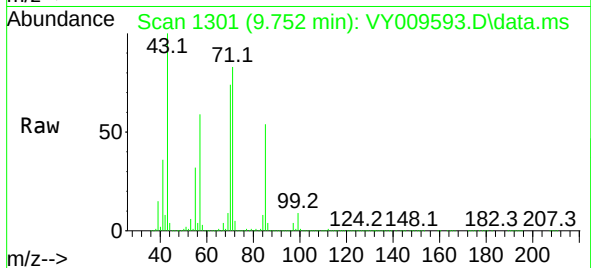




#58
2-Chloroethyl Vinyl ether
Concen: 52.381 ug/l
RT: 9.752 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

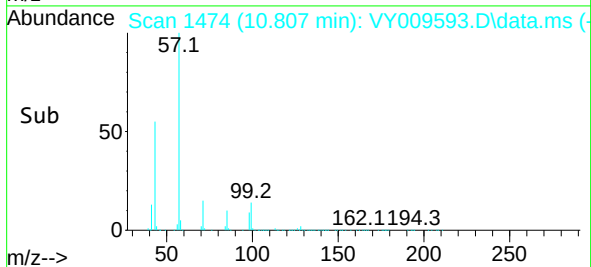
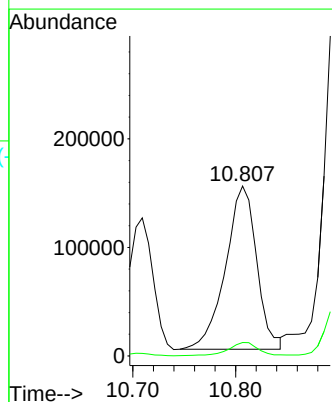
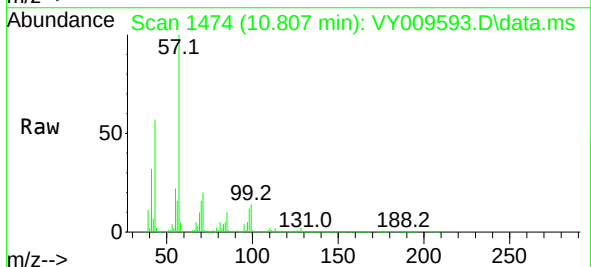
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

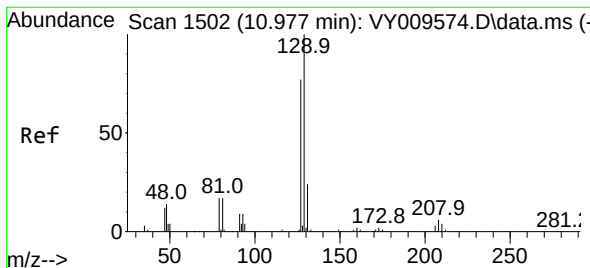
Tgt Ion: 63 Resp: 43438
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 218.516 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 43 Resp: 317143
Ion Ratio Lower Upper
43 100
58 7.7 24.4 73.4#

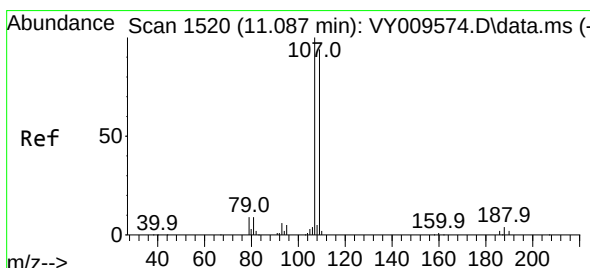
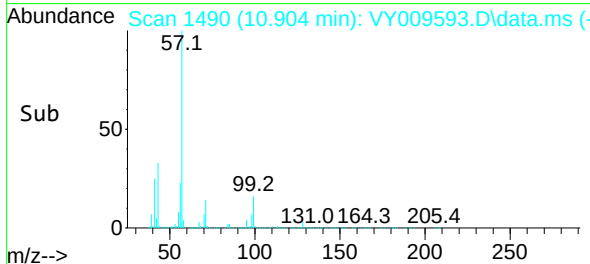
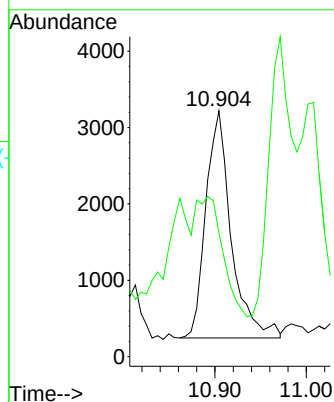
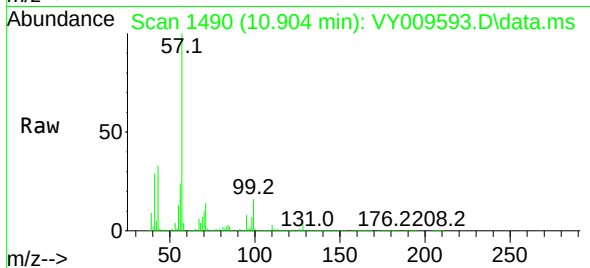




#60
Dibromochloromethane
Concen: 2.046 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. -0.073 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

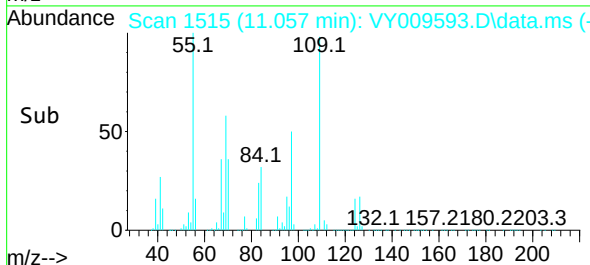
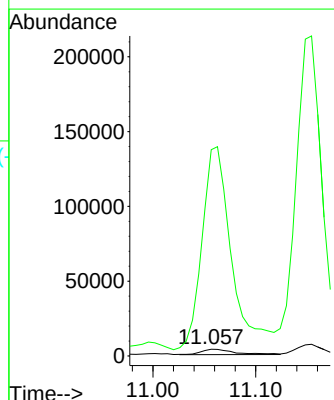
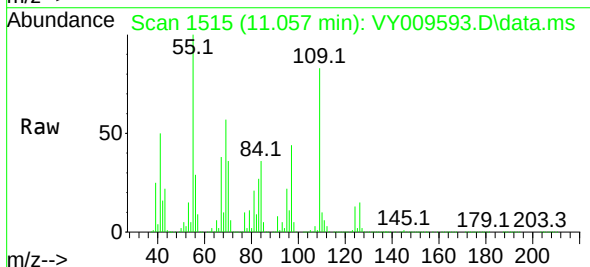
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

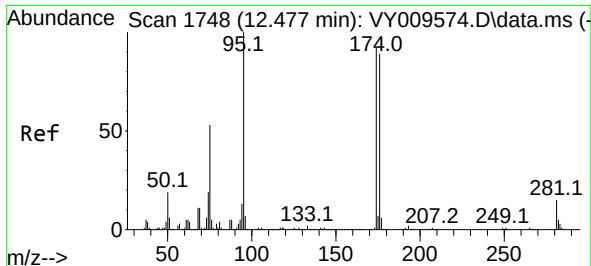
Tgt Ion:129 Resp: 5730
Ion Ratio Lower Upper
129 100
127 55.3 38.7 116.1



#61
1,2-Dibromoethane
Concen: 3.568 ug/l
RT: 11.057 min Scan# 1515
Delta R.T. -0.030 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion:107 Resp: 8055
Ion Ratio Lower Upper
107 100
109 3378.5 75.4 113.2#

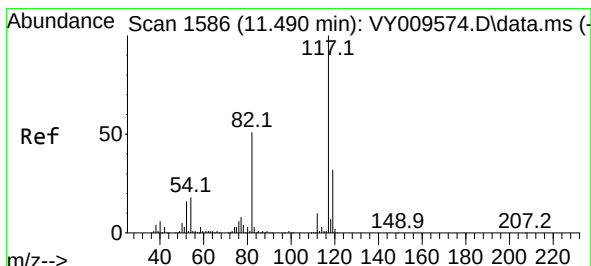
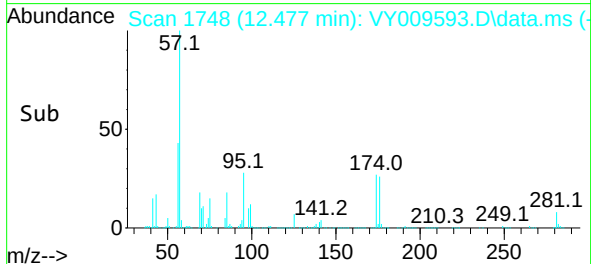
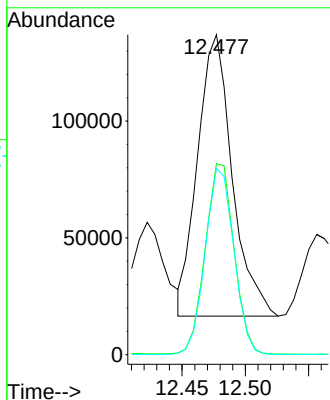
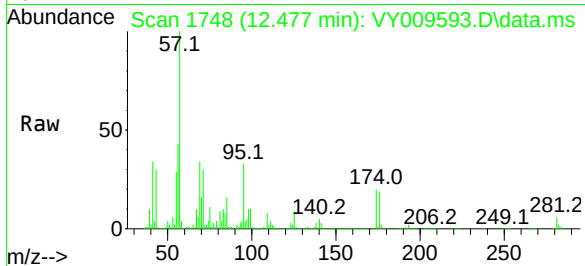




#62
4-Bromofluorobenzene
Concen: 68.970 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

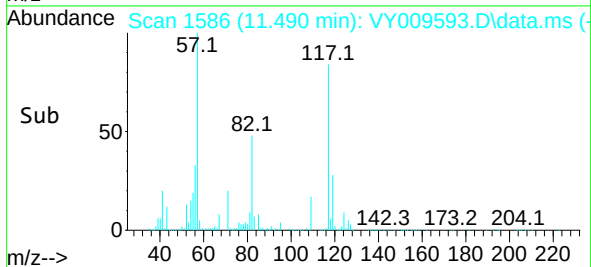
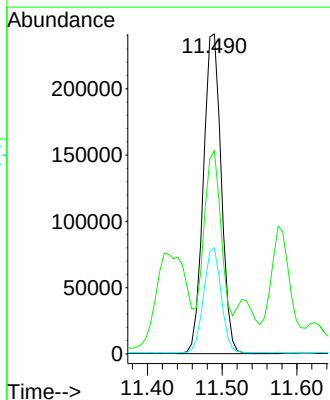
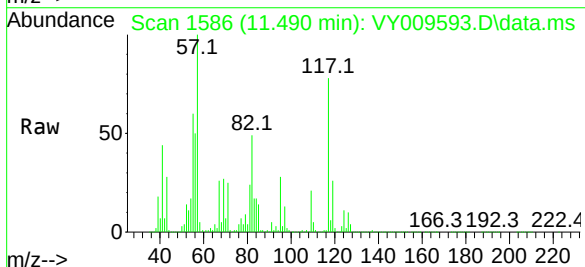
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

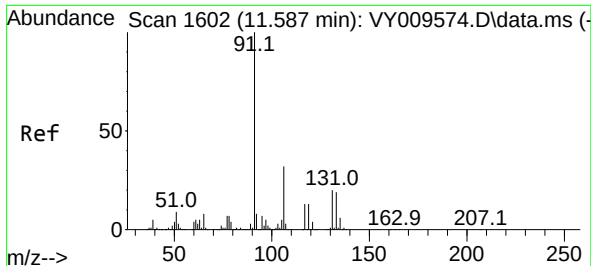
Tgt Ion: 95 Resp: 229113
Ion Ratio Lower Upper
95 100
174 56.9 0.0 177.0
176 54.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 117 Resp: 399570
Ion Ratio Lower Upper
117 100
82 33.3 43.0 64.4#
119 32.8 25.4 38.0





#67

Ethyl Benzene

Concen: 1.284 ug/l

RT: 11.624 min Scan# 1

Delta R.T. 0.037 min

Lab File: VY009593.D

Acq: 19 Jul 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

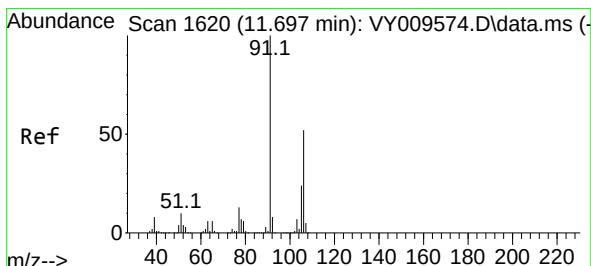
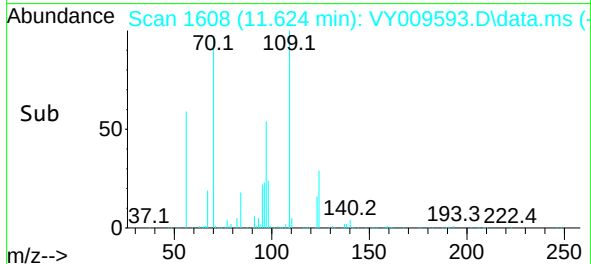
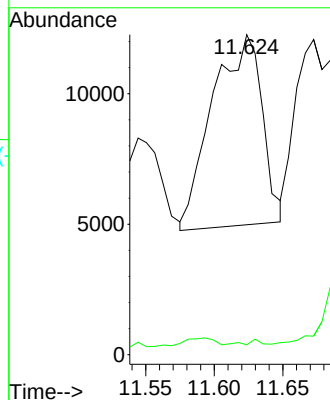
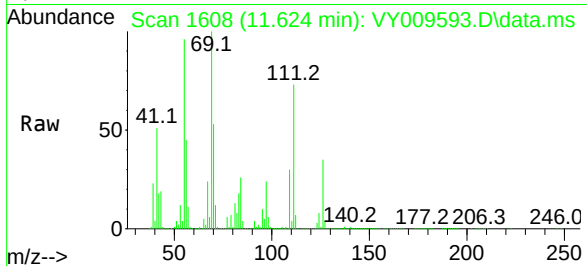
SED-2-(18-24)

Tgt Ion: 91 Resp: 18446

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 2.228 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009593.D

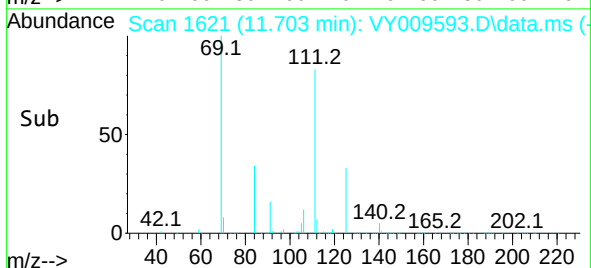
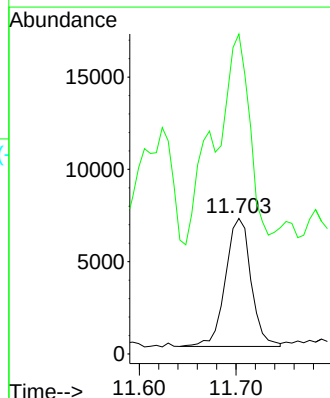
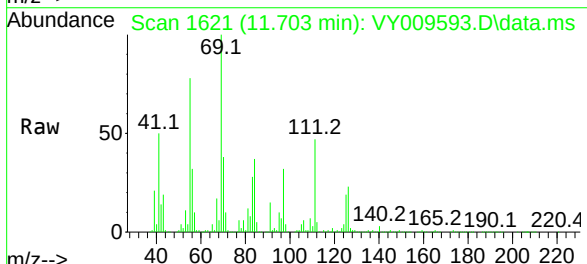
Acq: 19 Jul 2022 16:39

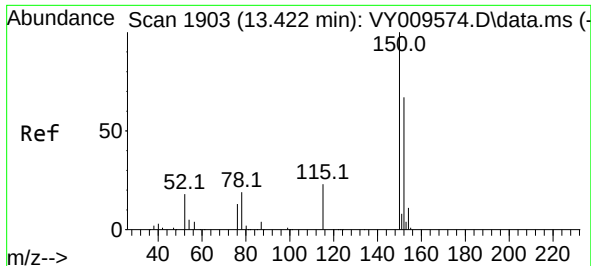
Tgt Ion:106 Resp: 12735

Ion Ratio Lower Upper

106 100

91 149.9 166.6 249.8#

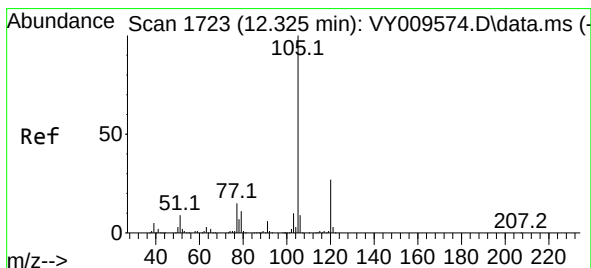
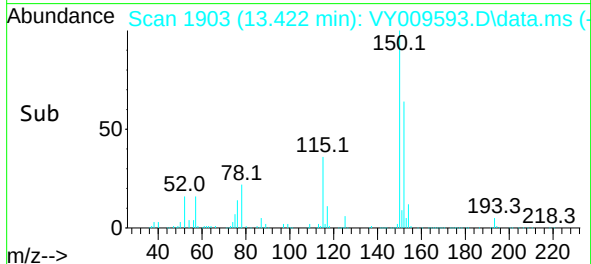
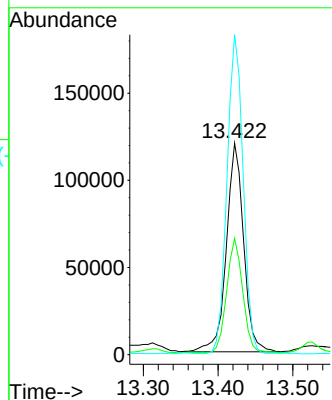
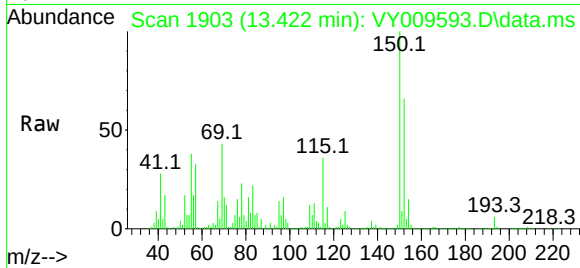




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

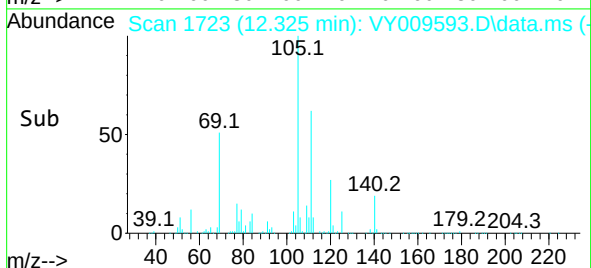
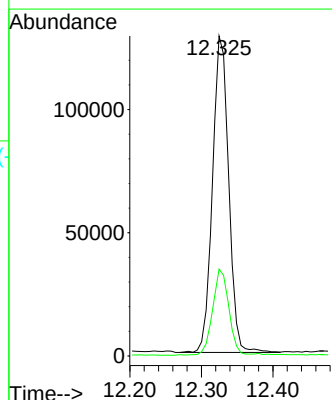
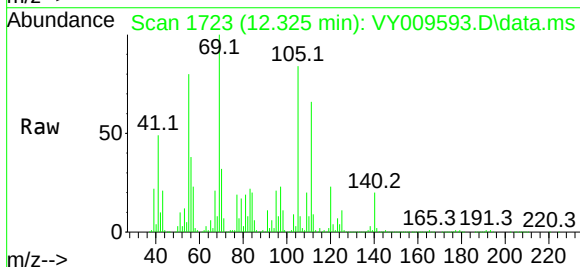
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

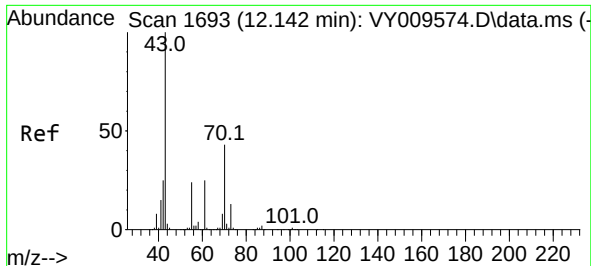
Tgt Ion:152 Resp: 193061
Ion Ratio Lower Upper
152 100
115 50.6 28.2 84.7
150 142.4 0.0 347.6



#73
Isopropylbenzene
Concen: 15.057 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion:105 Resp: 201272
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2

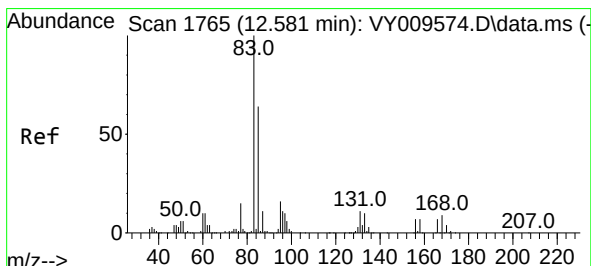
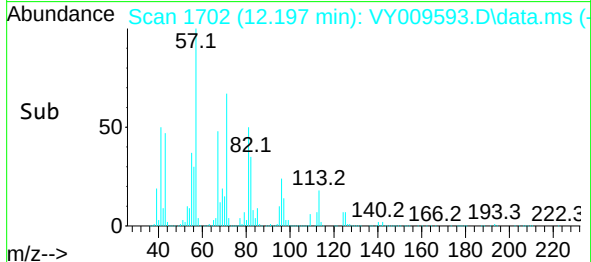
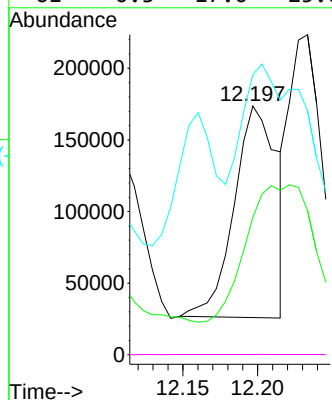
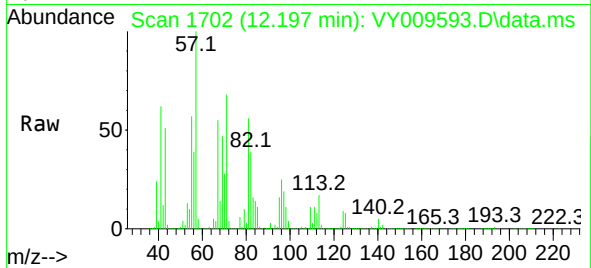




#74
N-amy1 acetate
Concen: 82.810 ug/l
RT: 12.197 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

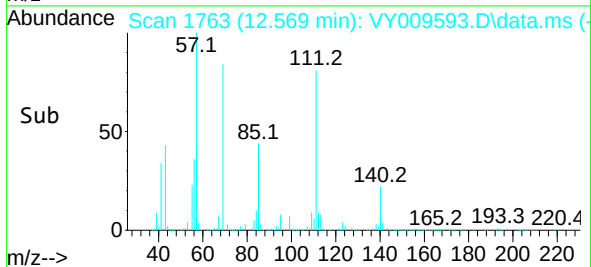
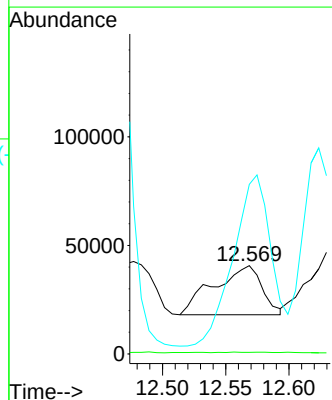
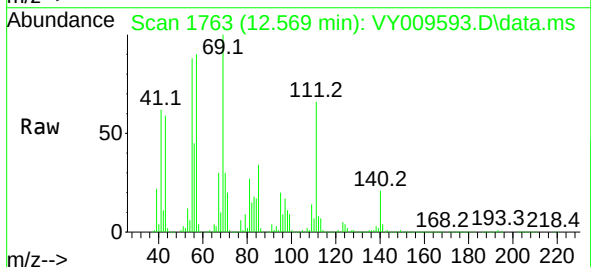
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

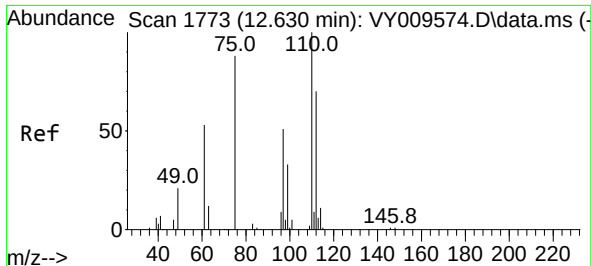
Tgt Ion: 43 Resp: 294388
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 92.7 17.3 25.9#
61 0.3 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 22.403 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 83 Resp: 59972
Ion Ratio Lower Upper
83 100
131 0.4 5.6 16.8#
85 276.9 32.3 96.8#

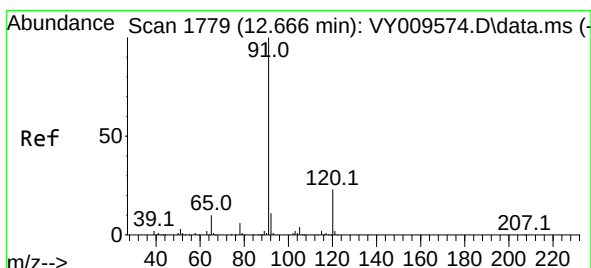
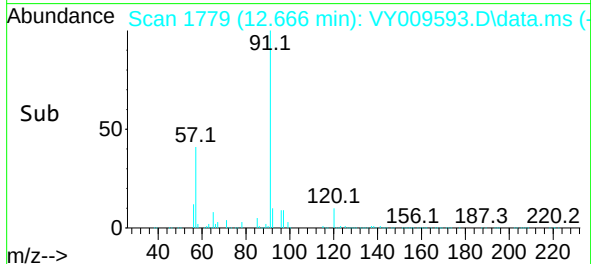
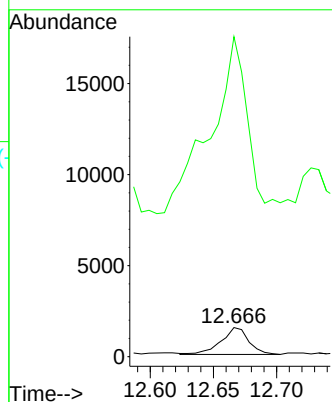
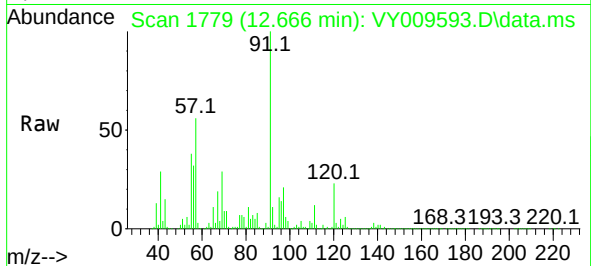




#76
1,2,3-Trichloropropane
Concen: 1.220 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.037 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

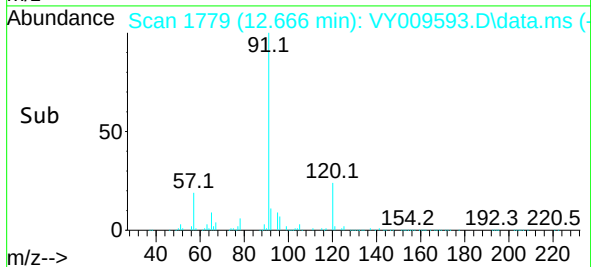
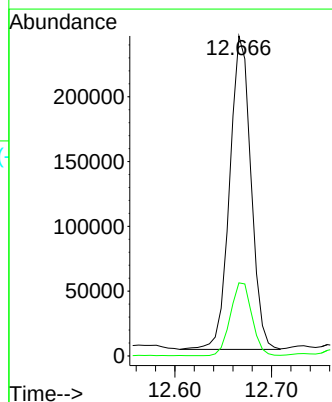
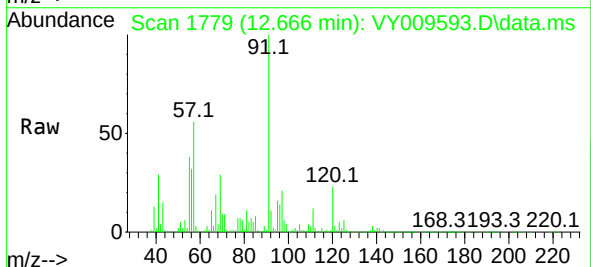
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

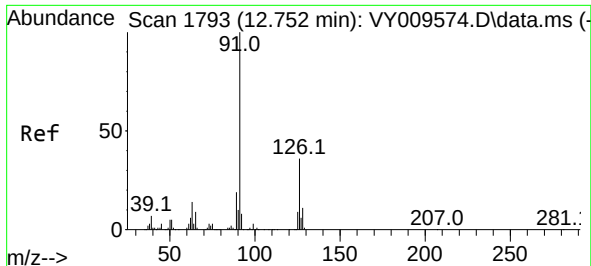
Tgt Ion: 75 Resp: 2243
Ion Ratio Lower Upper
75 100
77 1040.2 0.0 0.0#



#78
n-propylbenzene
Concen: 22.903 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 91 Resp: 369934
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

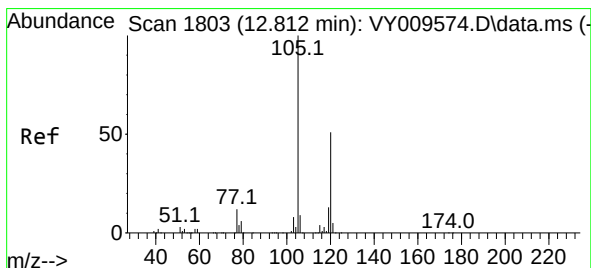
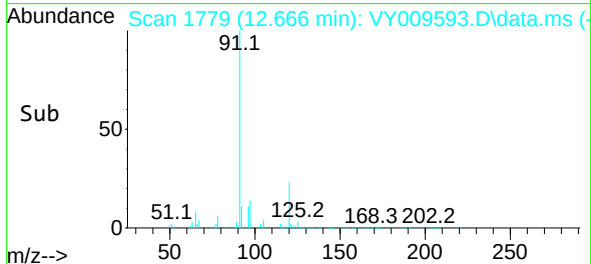
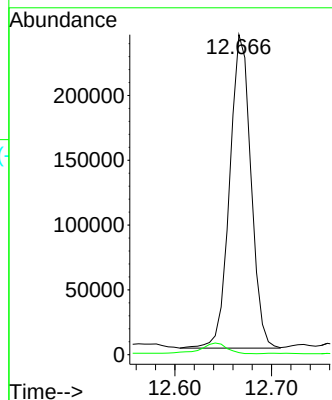
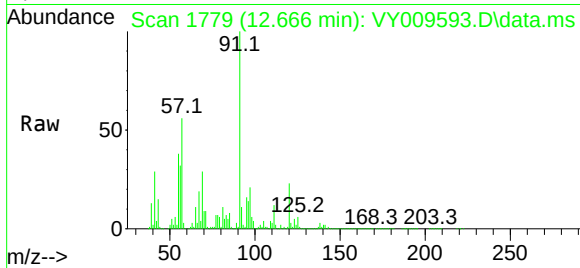




#79
2-Chlorotoluene
Concen: 41.310 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

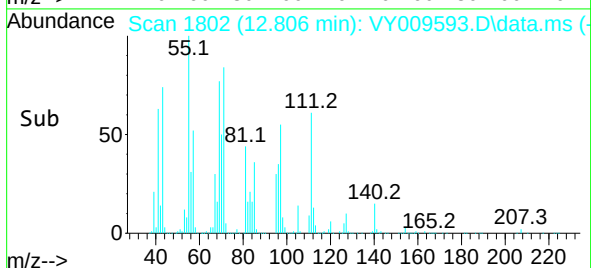
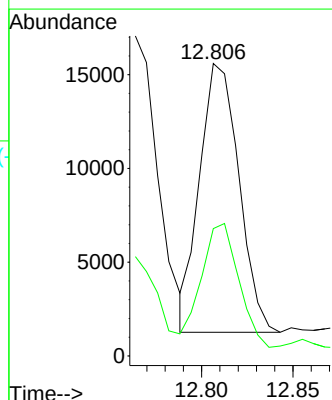
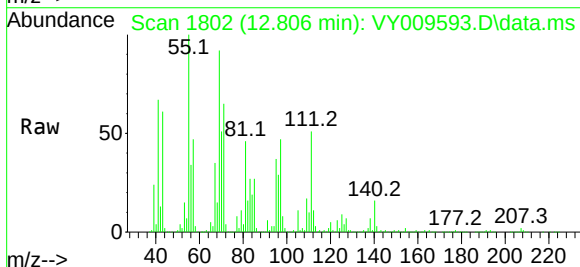
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

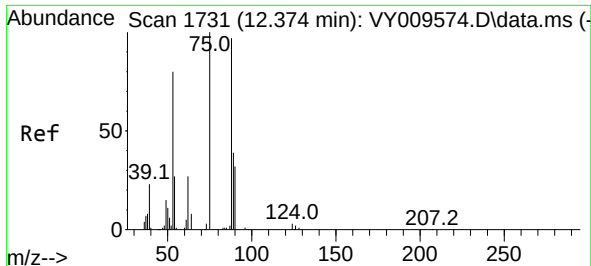
Tgt Ion: 91 Resp: 369934
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#80
1,3,5-Trimethylbenzene
Concen: 1.936 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 105 Resp: 21386
Ion Ratio Lower Upper
105 100
120 43.3 24.4 73.4

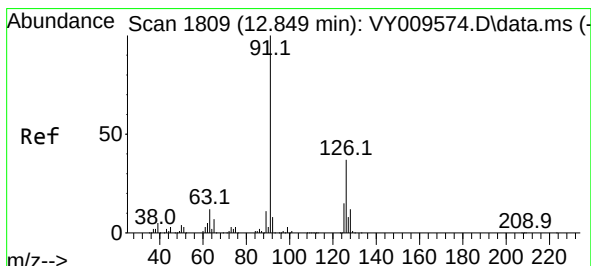
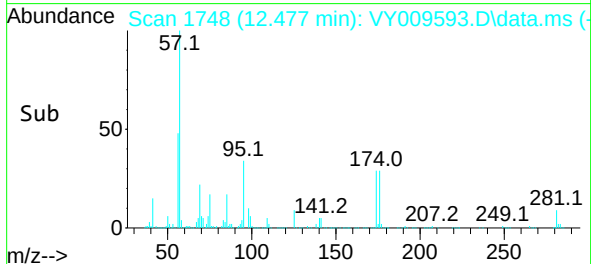
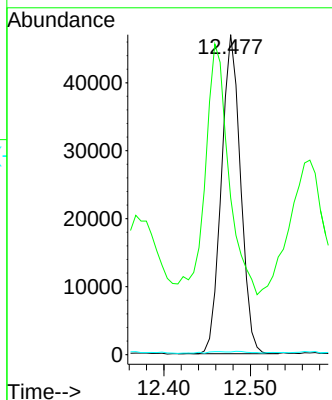
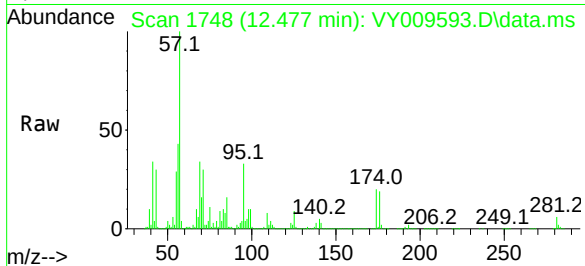




#81
trans-1,4-Dichloro-2-butene
Concen: 77.505 ug/l
RT: 12.477 min Scan# 1731
Delta R.T. 0.104 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

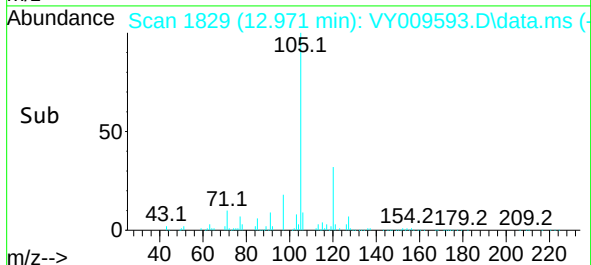
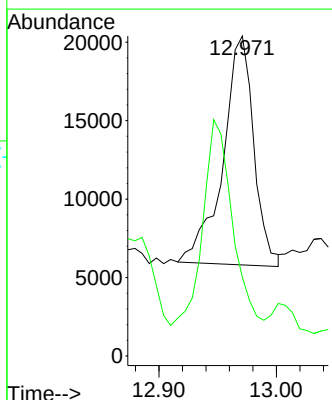
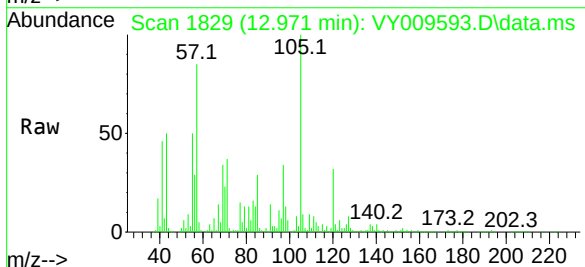
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

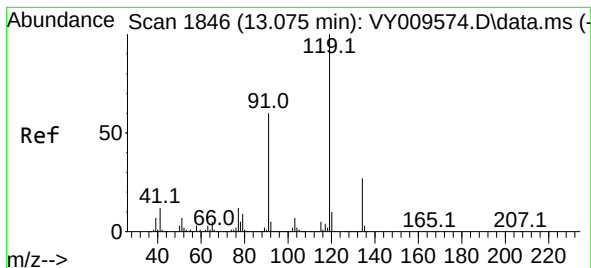
Tgt Ion: 75 Resp: 72290
Ion Ratio Lower Upper
75 100
53 95.0 85.3 127.9
89 0.8 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.865 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. 0.122 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 91 Resp: 26619
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

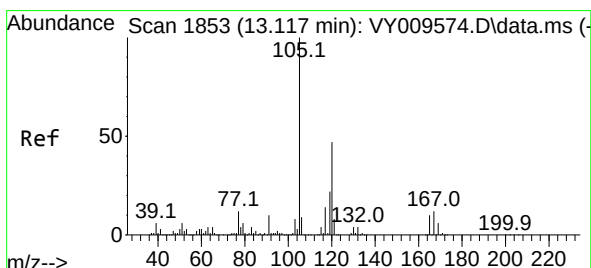
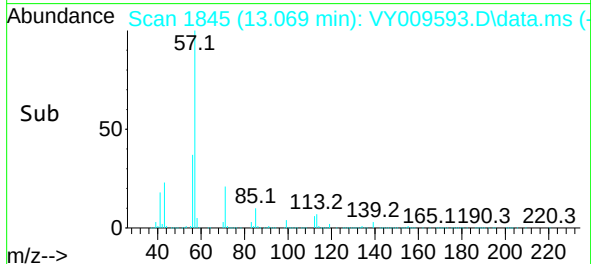
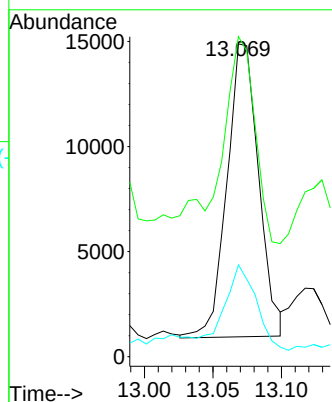
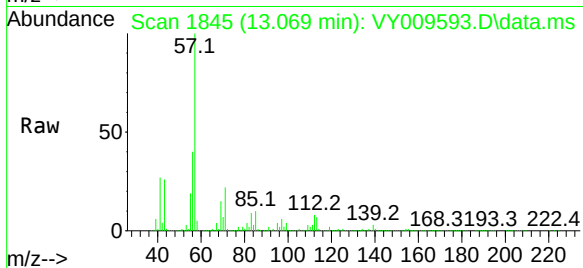




#83
tert-Butylbenzene
Concen: 2.296 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

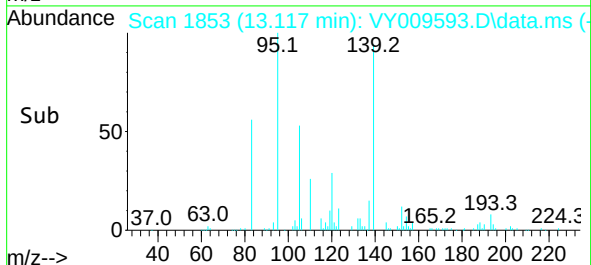
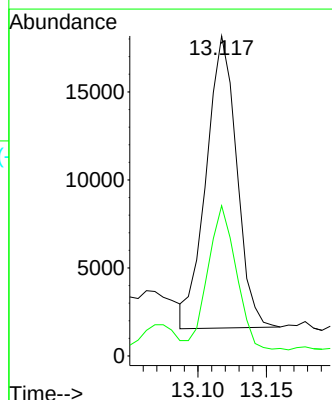
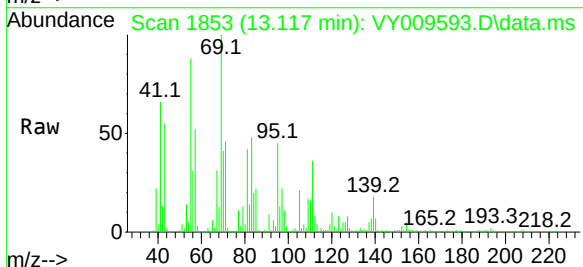
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

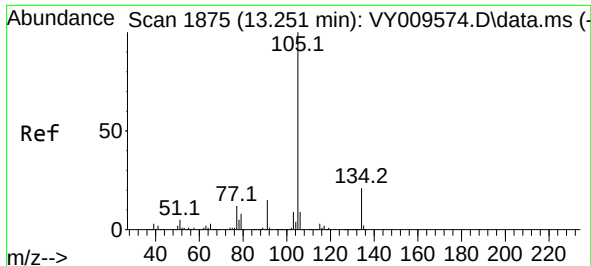
Tgt Ion:119 Resp: 22527
Ion Ratio Lower Upper
119 100
91 76.8 34.8 104.4
134 29.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.324 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion:105 Resp: 25666
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9

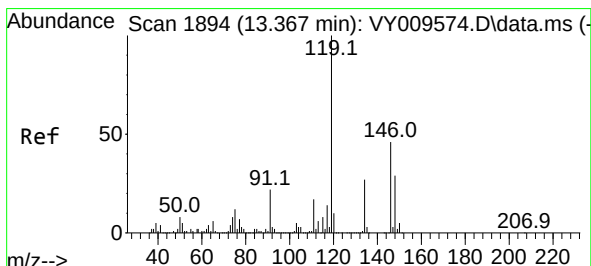
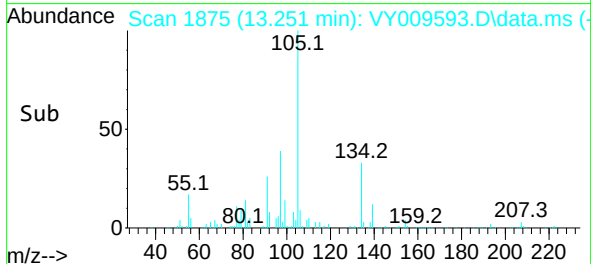
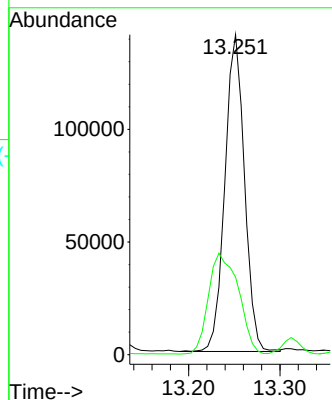
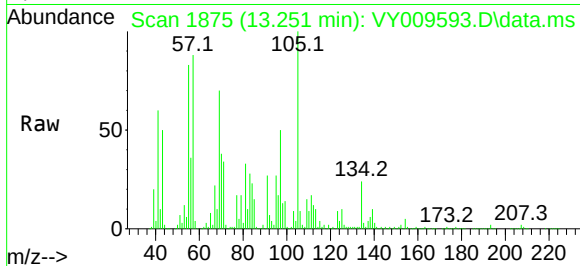




#85
 sec-Butylbenzene
 Concen: 14.379 ug/l
 RT: 13.251 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

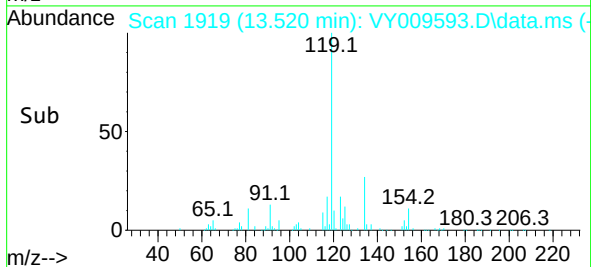
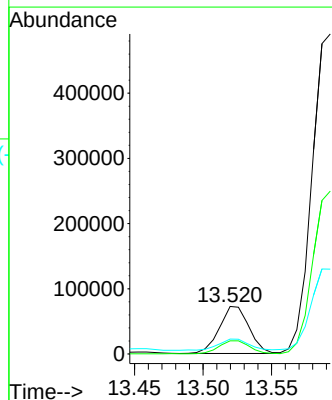
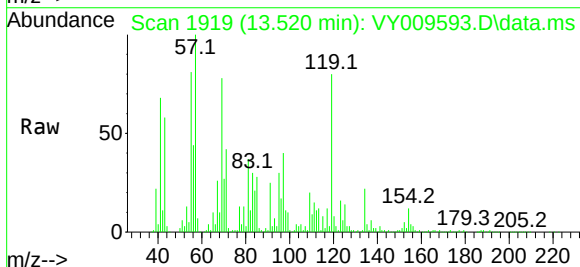
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(18-24)

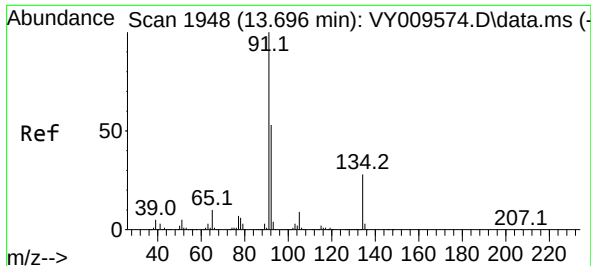
Tgt Ion:105 Resp: 209197
 Ion Ratio Lower Upper
 105 100
 134 48.5 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 8.920 ug/l
 RT: 13.520 min Scan# 1919
 Delta R.T. 0.152 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

Tgt Ion:119 Resp: 109069
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.2 39.5
 91 24.1 12.4 37.2

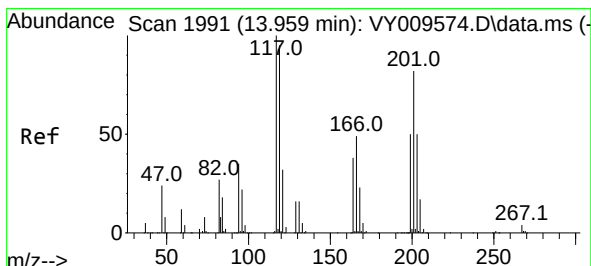
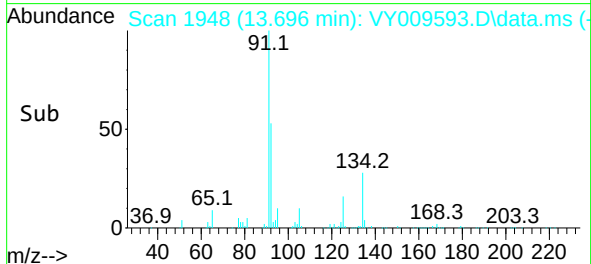
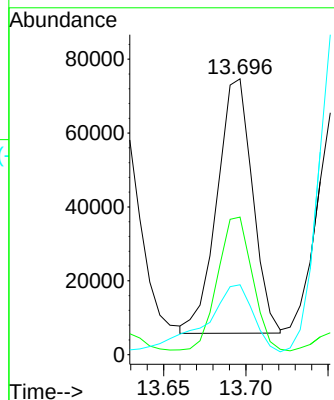
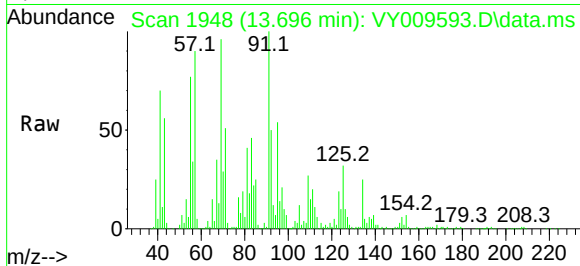




#89
n-Butylbenzene
Concen: 9.259 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

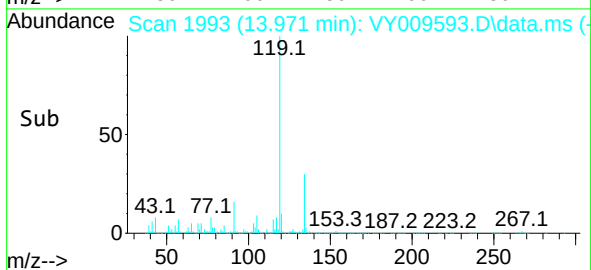
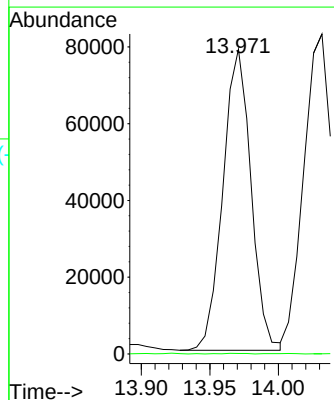
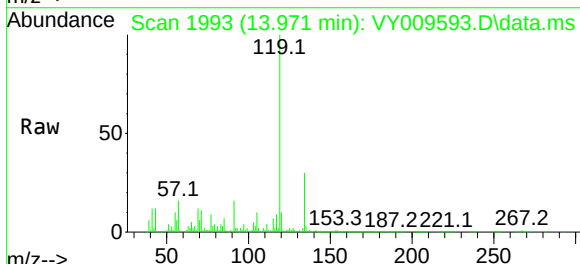
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

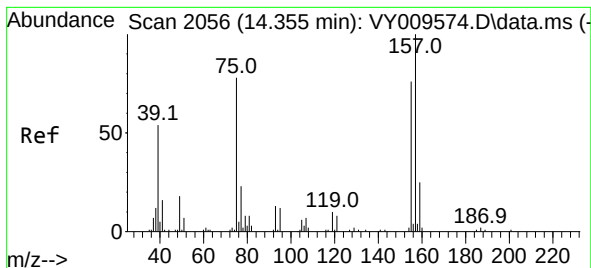
Tgt Ion: 91 Resp: 103389
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 37.5 13.0 38.9



#90
Hexachloroethane
Concen: 47.489 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 117 Resp: 111865
Ion Ratio Lower Upper
117 100
201 0.2 43.0 128.8#

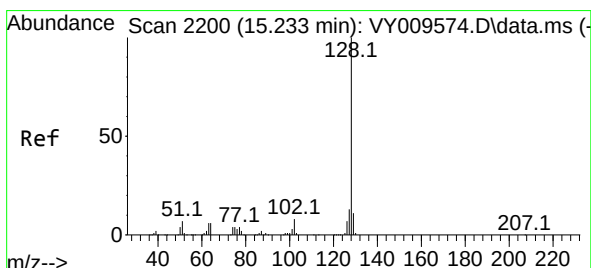
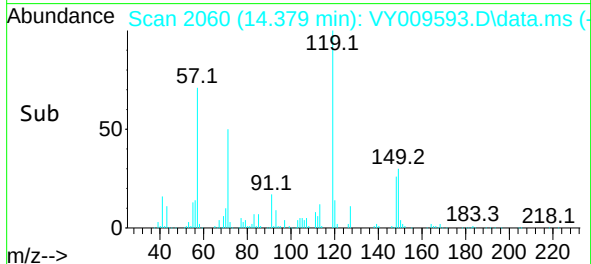
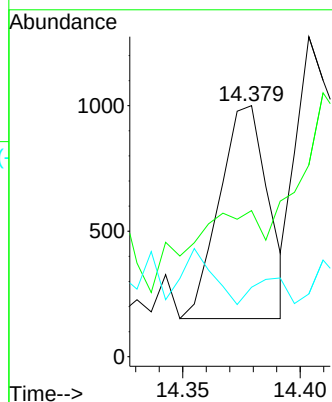
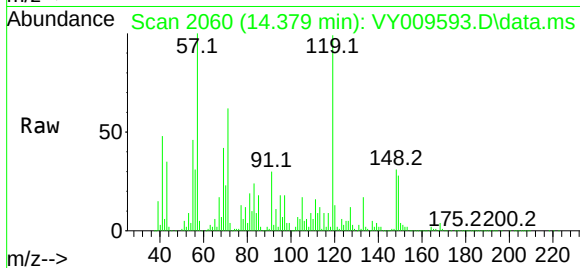




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.003 ug/l
 RT: 14.379 min Scan# 2056
 Delta R.T. 0.024 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(18-24)

Tgt Ion: 75 Resp: 1223
 Ion Ratio Lower Upper
 75 100
 155 58.5 38.0 113.9
 157 0.0 47.8 143.3#



#95
 Naphthalene
 Concen: 3.705 ug/l
 RT: 15.202 min Scan# 2195
 Delta R.T. -0.030 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

Tgt Ion: 128 Resp: 25790
 Ion Ratio Lower Upper
 128 100
 127 0.0 11.0 16.4#
 129 63.5 8.4 12.6#

