

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009611.D
 Acq On : 20 Jul 2022 14:44
 Operator : KP/MD
 Sample : N3652-07
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-3-(18-24)

Quant Time: Jul 21 02:13:47 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	255866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	106844	44.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.300%
35) Dibromofluoromethane	7.710	113	104974	40.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.000%
50) Toluene-d8	10.173	98	420810	42.227	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.460%
62) 4-Bromofluorobenzene	12.477	95	163436	50.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	101.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	3742	Below Cal	#	77
13) Acrolein	3.924	56	11015	63.670	ug/l #	78
14) Allyl chloride	4.686	41	110102	30.249	ug/l #	56
15) Acrylonitrile	5.210	53	1924	2.888	ug/l #	35
16) Acetone	3.936	43	121392	198.304	ug/l	98
18) Methyl Acetate	4.686	43	271866	158.215	ug/l #	56
20) Methylene Chloride	4.698	84	22560	Below Cal	#	73
25) 2-Butanone	6.978	43	150775	168.853	ug/l	98
29) Tetrahydrofuran	7.350	42	1200	2.047	ug/l #	38
30) Chloroform	7.454	83	31580	6.877	ug/l #	18
31) Cyclohexane	7.771	56	49660	11.638	ug/l	95
36) 1,1-Dichloropropene	7.783	75	17009	4.440	ug/l #	55
37) Ethyl Acetate	6.978	43	150775	70.720	ug/l #	72
38) Carbon Tetrachloride	7.783	117	22679	5.656	ug/l #	15
39) Methylcyclohexane	9.142	83	163922	34.705	ug/l #	8
41) Methacrylonitrile	7.338	41	5131	5.015	ug/l #	54
43) Isopropyl Acetate	8.258	43	68392	17.507	ug/l #	56
47) Bromodichloromethane	9.478	83	145093	38.742	ug/l #	25
48) Methyl methacrylate	9.313	41	186244	107.906	ug/l #	37
51) 4-Methyl-2-Pentanone	10.106	43	83578	41.204	ug/l #	76
55) 1,1,2-Trichloroethane	10.612	97	178918	79.542	ug/l #	20
56) Ethyl methacrylate	10.514	69	25951	9.018	ug/l	88
58) 2-Chloroethyl Vinyl ether	9.746	63	15730	37.259	ug/l #	48
59) 2-Hexanone	10.801	43	25168	17.840	ug/l #	43
61) 1,2-Dibromoethane	11.063	107	4692	2.138	ug/l #	1
68) m/p-Xylenes	11.703	106	19019	3.415	ug/l	98
73) Isopropylbenzene	12.325	105	26144	2.093	ug/l	98
74) N-amyl acetate	12.111	43	14892	4.483	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.563	83	5853	2.340	ug/l #	63
76) 1,2,3-Trichloropropane	12.477	75	67769	39.436	ug/l #	100
78) n-propylbenzene	12.666	91	24185	1.602	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	67769	77.760	ug/l #	8
83) tert-Butylbenzene	13.069	119	17135	1.869	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	16230	1.572	ug/l	99
85) sec-Butylbenzene	13.251	105	45237	3.328	ug/l #	1
86) p-Isopropyltoluene	13.520	119	83391	7.299	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009611.D
Acq On : 20 Jul 2022 14:44
Operator : KP/MD
Sample : N3652-07
Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

Quant Time: Jul 21 02:13:47 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

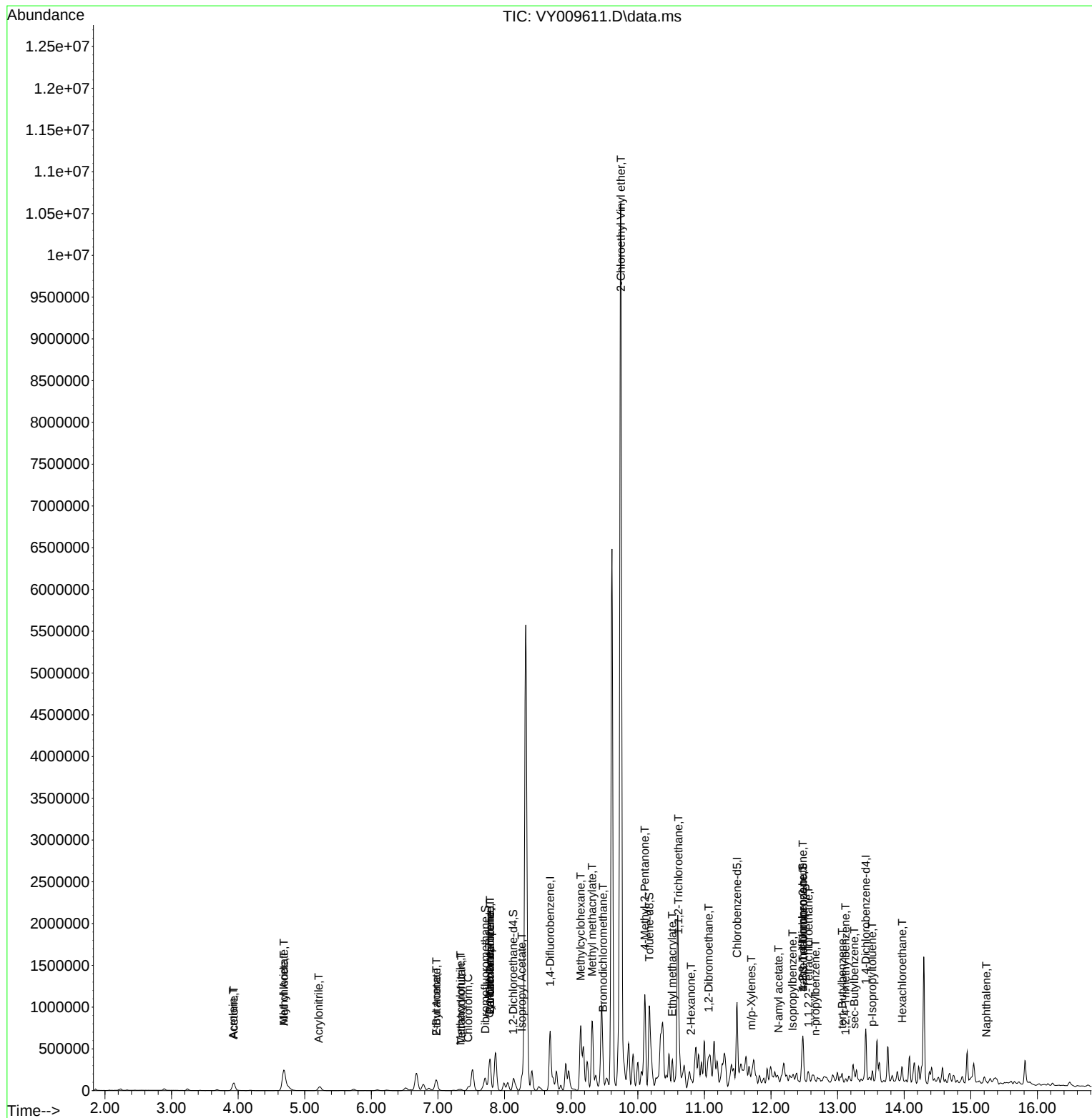
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.971	117	6597	2.997	ug/l #	8
95) Naphthalene	15.233	128	9824	1.510	ug/l #	80

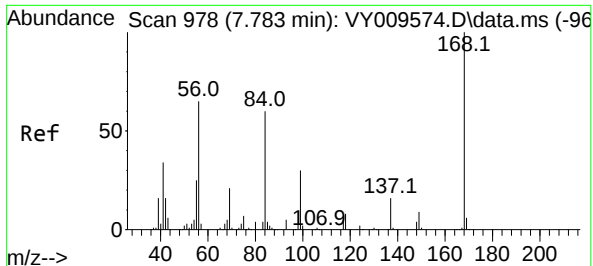
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009611.D
Acq On : 20 Jul 2022 14:44
Operator : KP/MD
Sample : N3652-07
Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

Quant Time: Jul 21 02:13:47 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

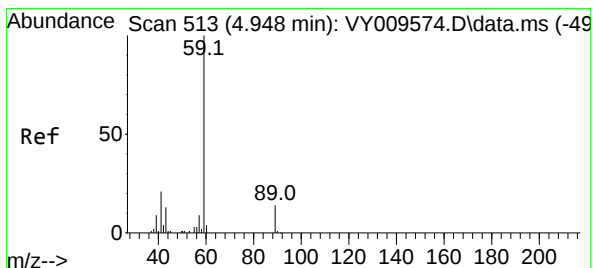
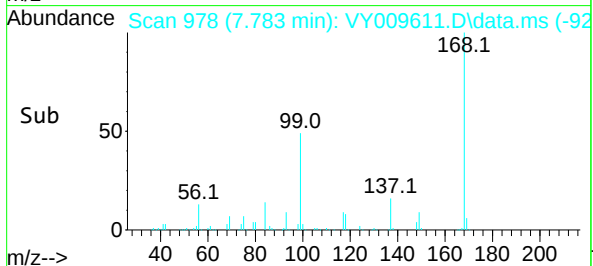
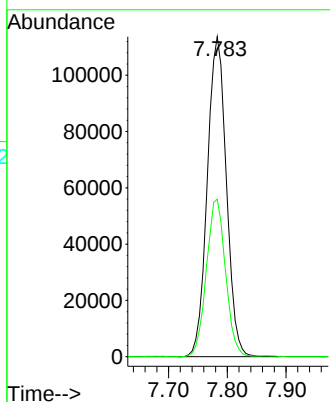
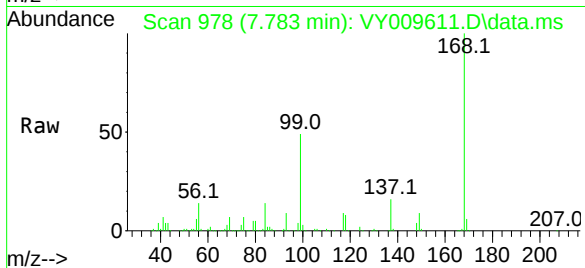




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

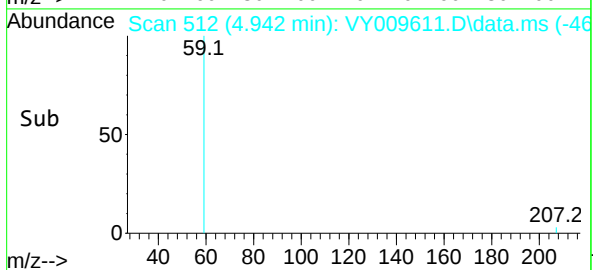
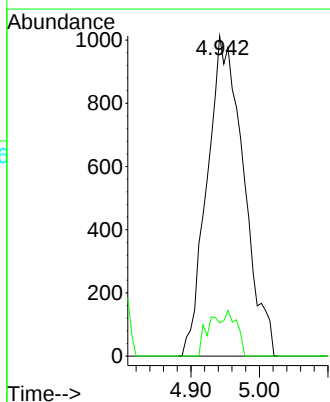
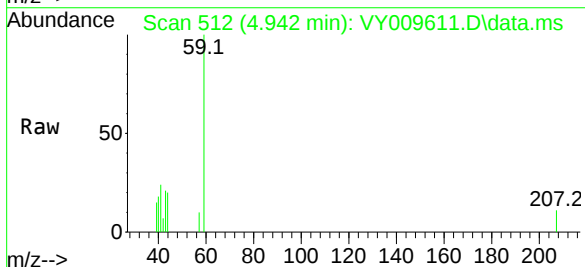
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

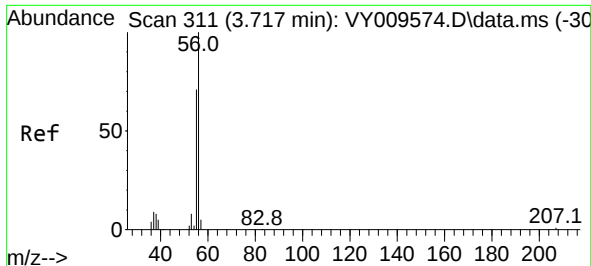
Tgt Ion:168 Resp: 255866
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 59 Resp: 3742
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

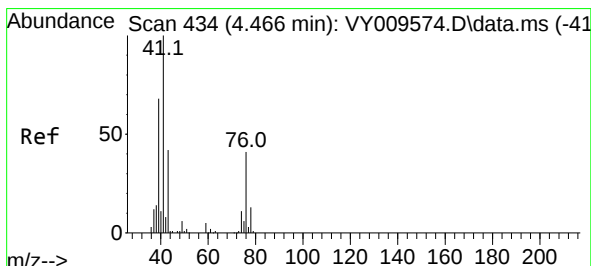
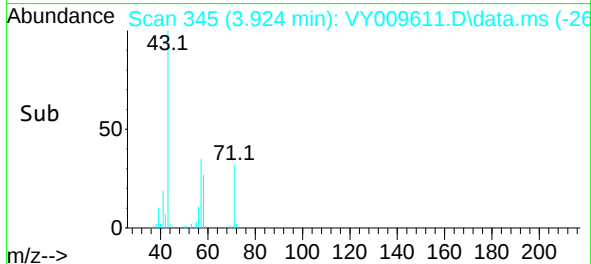
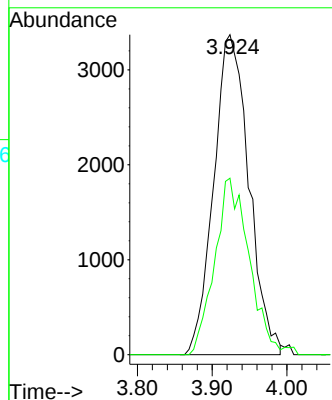
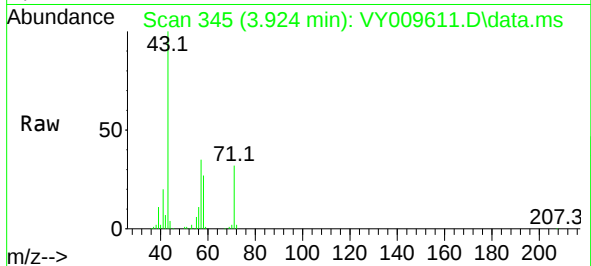




#13
Acrolein
Concen: 63.670 ug/l
RT: 3.924 min Scan# 345
Delta R.T. 0.207 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

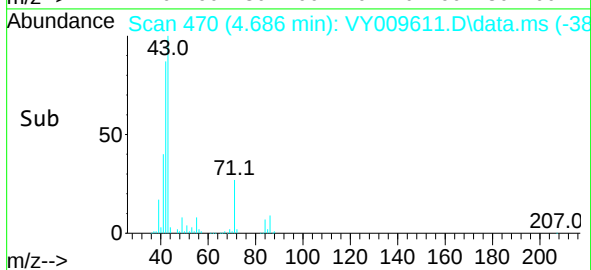
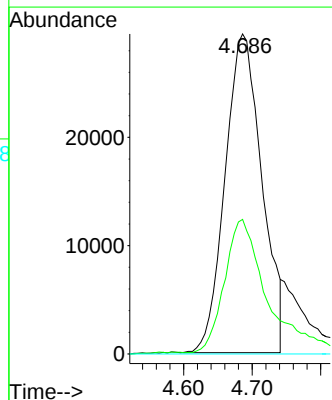
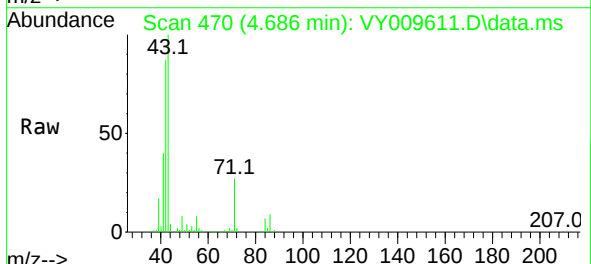
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

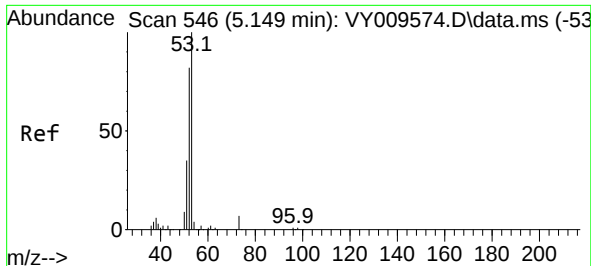
Tgt Ion: 56 Resp: 11015
Ion Ratio Lower Upper
56 100
55 53.8 57.6 86.4#



#14
Allyl chloride
Concen: 30.249 ug/l
RT: 4.686 min Scan# 470
Delta R.T. 0.220 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 41 Resp: 110102
Ion Ratio Lower Upper
41 100
39 41.3 58.8 88.2#
76 0.0 25.1 37.7#

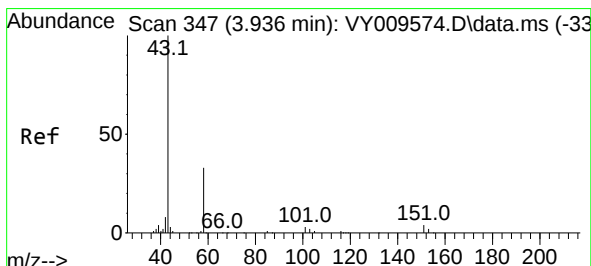
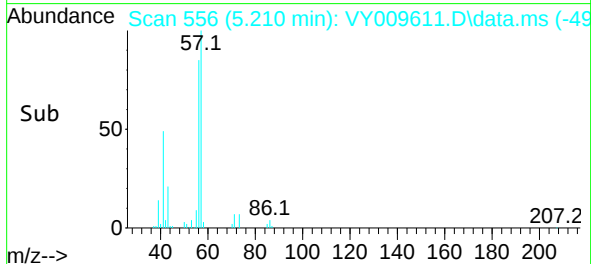
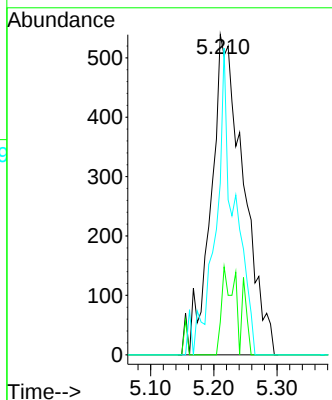
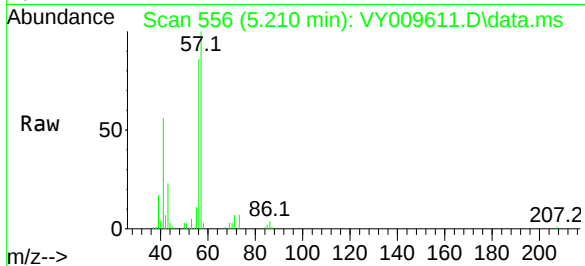




#15
Acrylonitrile
Concen: 2.888 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.061 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

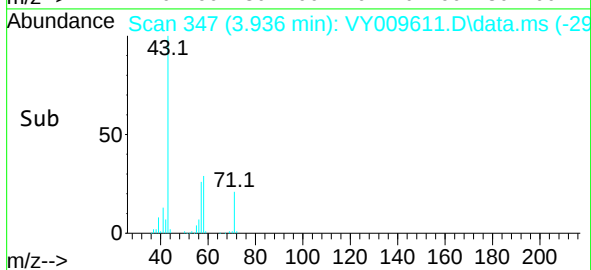
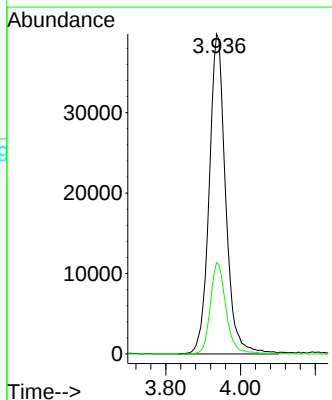
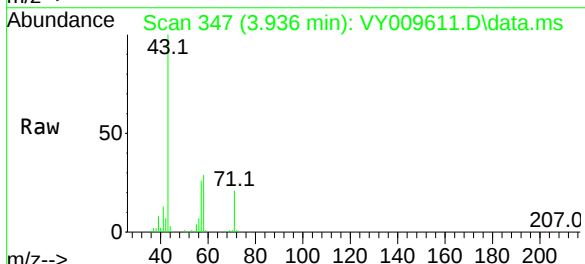
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

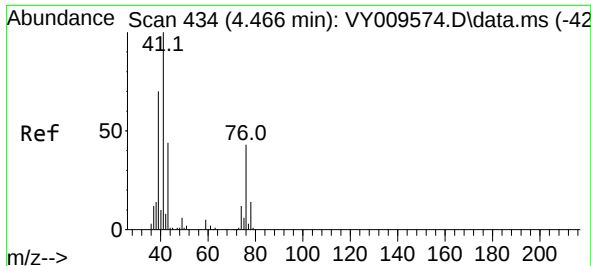
Tgt Ion: 53 Resp: 1924
Ion Ratio Lower Upper
53 100
52 10.3 67.0 100.4#
51 54.4 29.8 44.6#



#16
Acetone
Concen: 198.304 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 43 Resp: 121392
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0

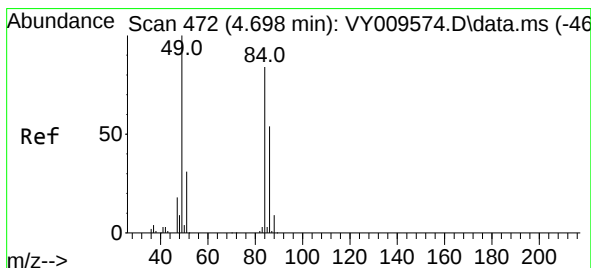
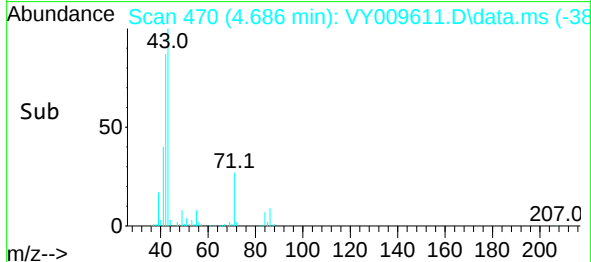
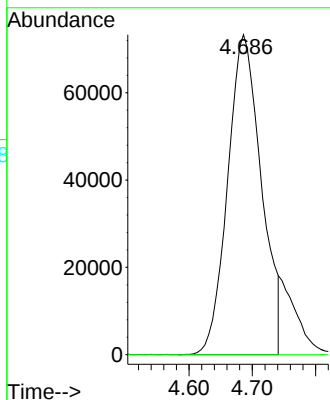
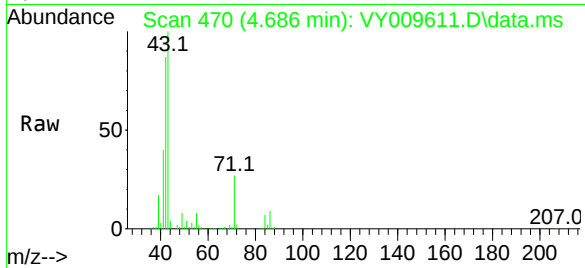




#18
Methyl Acetate
Concen: 158.215 ug/l
RT: 4.686 min Scan# 41
Delta R.T. 0.220 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

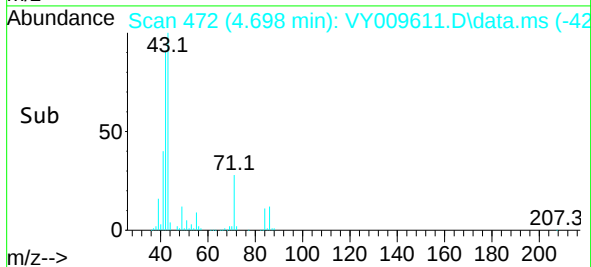
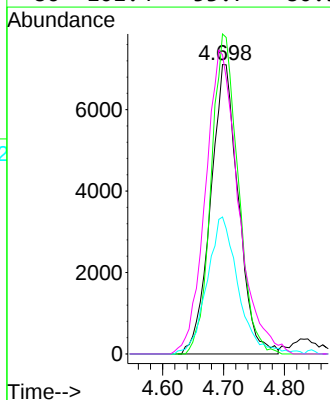
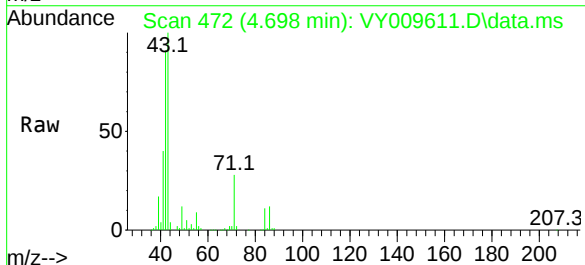
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

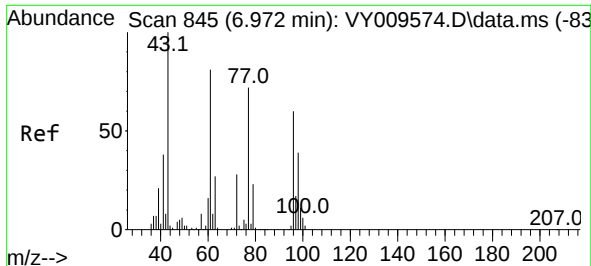
Tgt Ion: 43 Resp: 271866
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 84 Resp: 22560
Ion Ratio Lower Upper
84 100
49 110.6 114.4 171.6#
51 46.2 35.3 52.9
86 101.4 53.7 80.5#

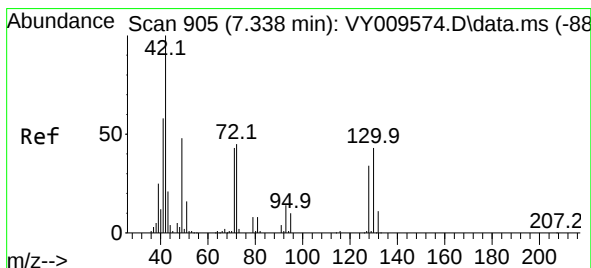
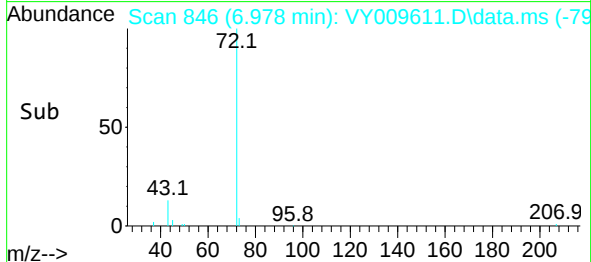
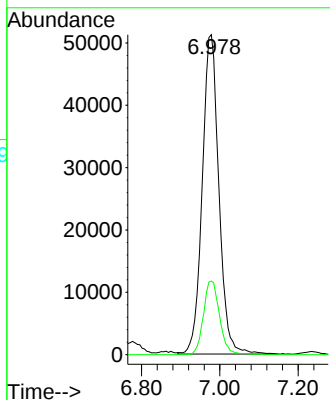
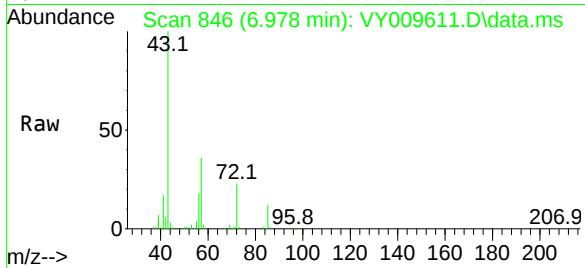




#25
2-Butanone
Concen: 168.853 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

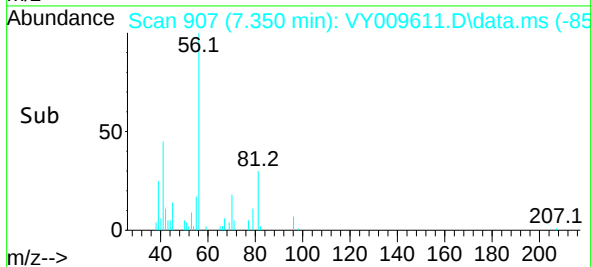
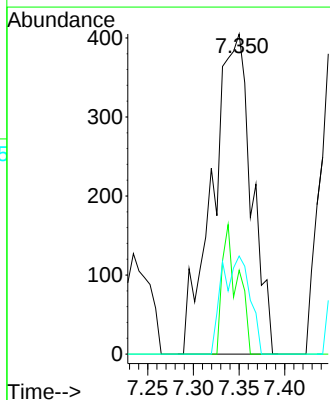
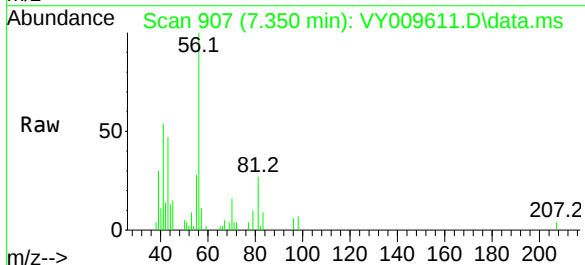
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

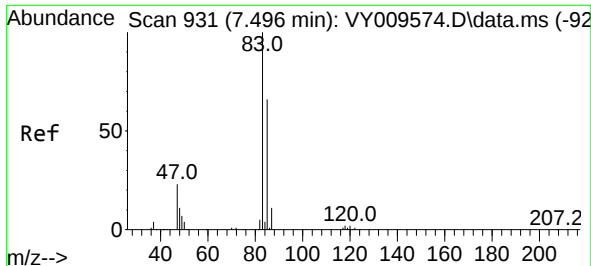
Tgt Ion: 43 Resp: 150775
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5



#29
Tetrahydrofuran
Concen: 2.047 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 42 Resp: 1200
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#

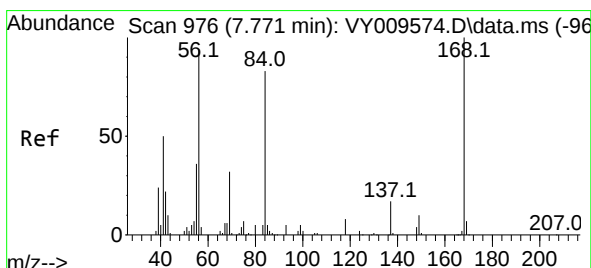
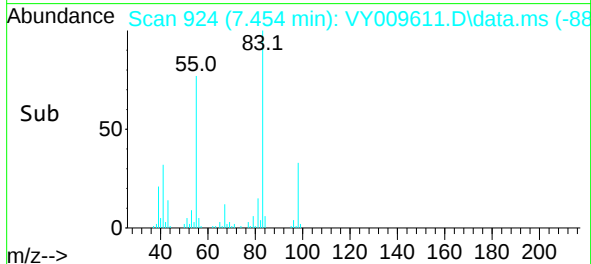
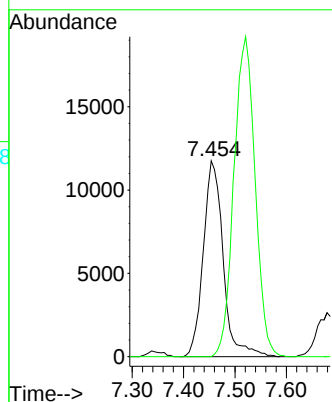
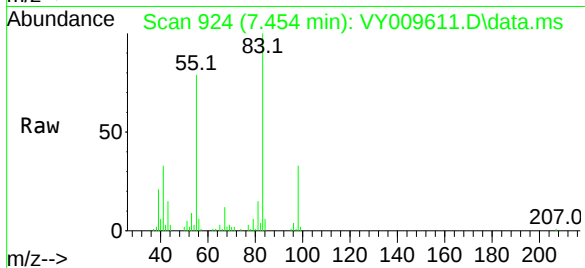




#30
Chloroform
Concen: 6.877 ug/l
RT: 7.454 min Scan# 911
Delta R.T. -0.043 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

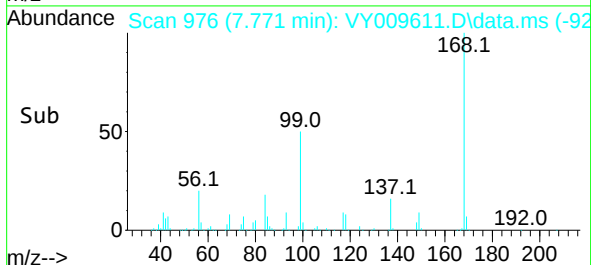
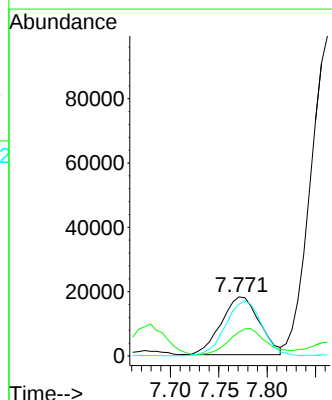
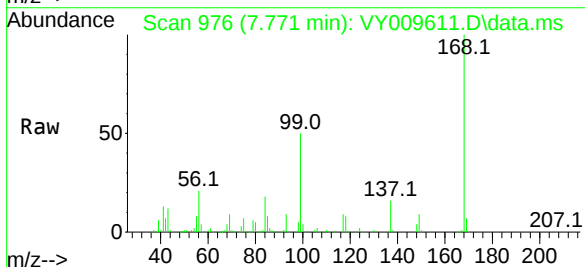
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

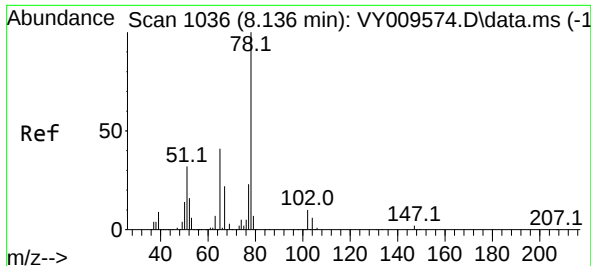
Tgt Ion: 83 Resp: 31580
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#



#31
Cyclohexane
Concen: 11.638 ug/l
RT: 7.771 min Scan# 976
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 56 Resp: 49660
Ion Ratio Lower Upper
56 100
69 31.4 26.7 40.1
84 89.1 67.2 100.8

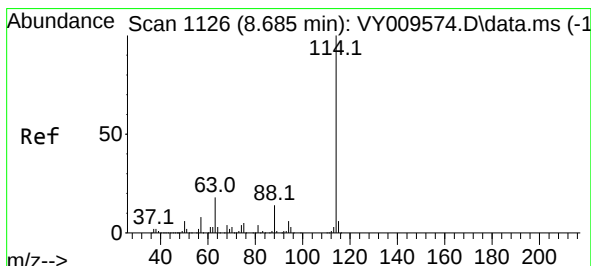
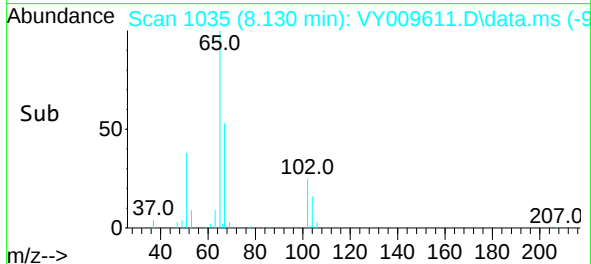
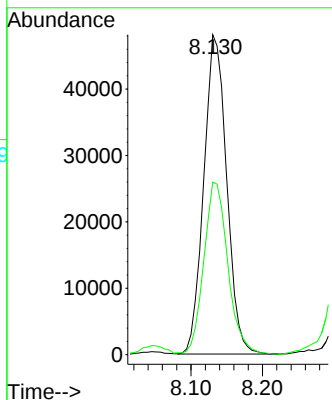
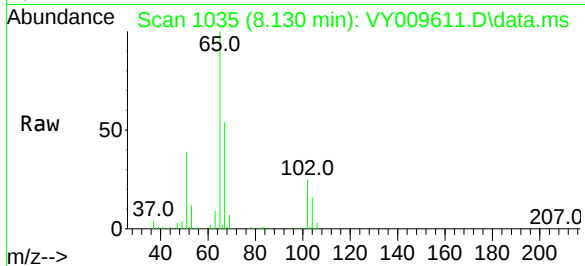




#33
1,2-Dichloroethane-d4
Concen: 44.153 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

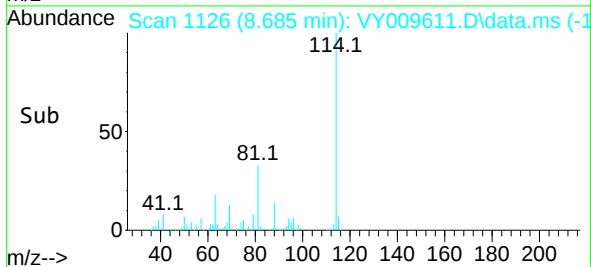
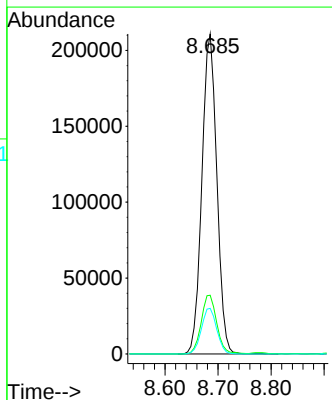
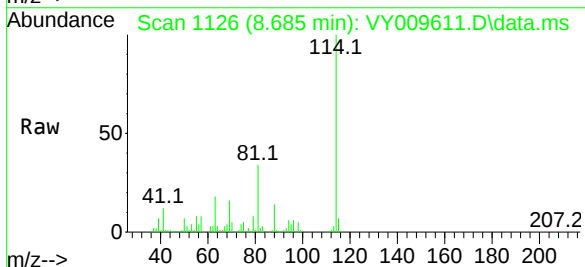
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

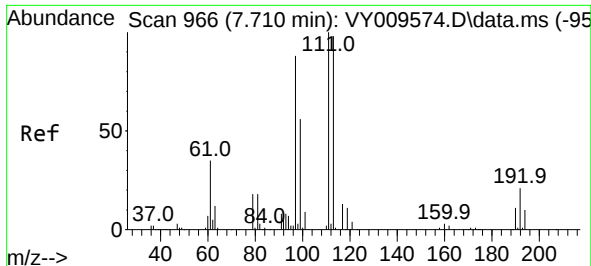
Tgt Ion: 65 Resp: 106844
Ion Ratio Lower Upper
65 100
67 56.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 114 Resp: 411470
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 14.3 0.0 31.8

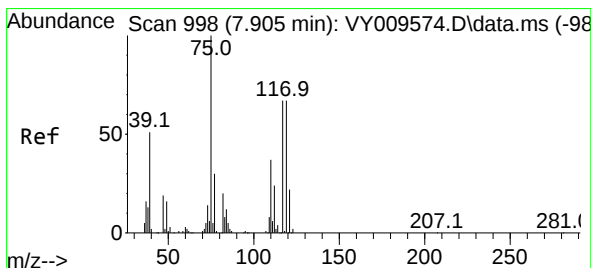
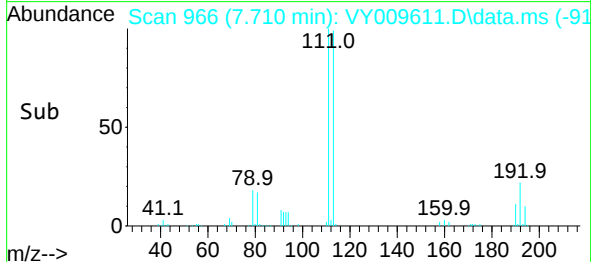
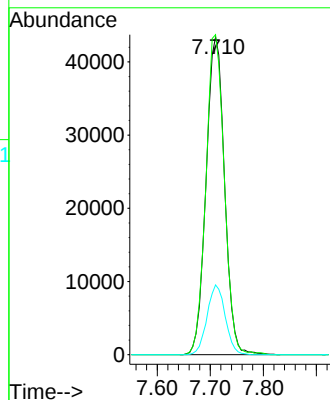
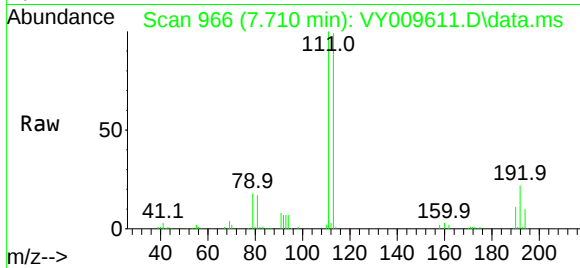




#35
Dibromofluoromethane
Concen: 40.495 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

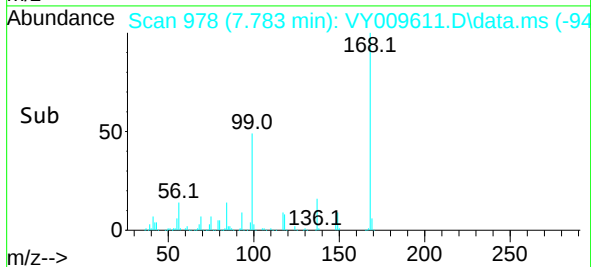
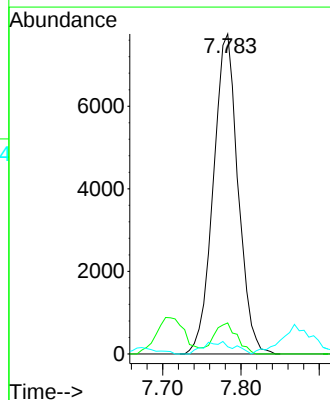
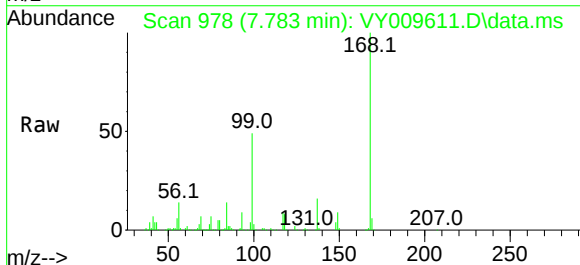
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

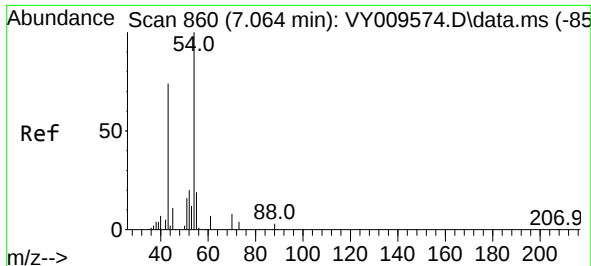
Tgt Ion:113 Resp: 104974
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.440 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

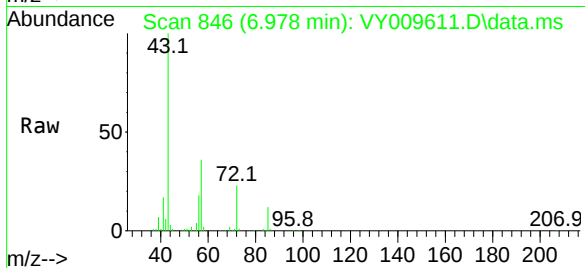
Tgt Ion: 75 Resp: 17009
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 4.7 24.4 36.6#



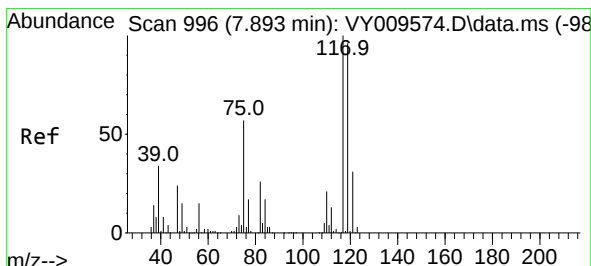
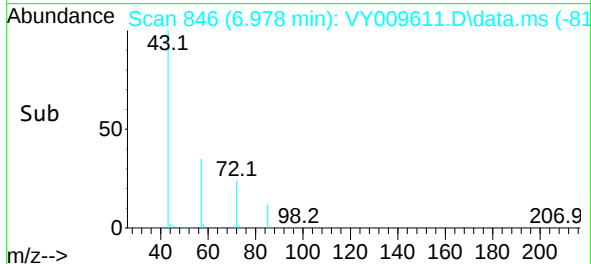
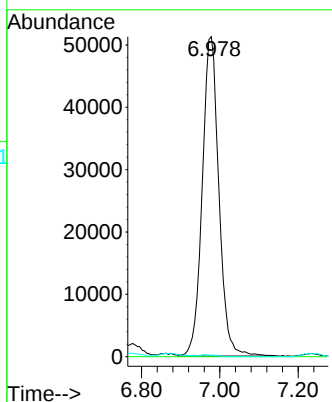


#37
Ethyl Acetate
Concen: 70.720 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

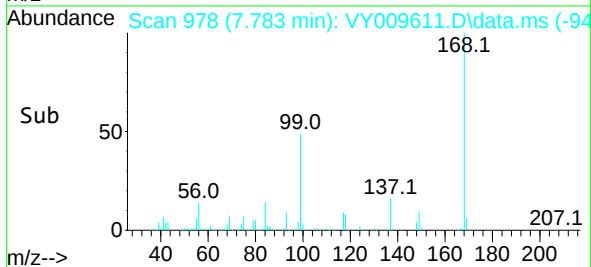
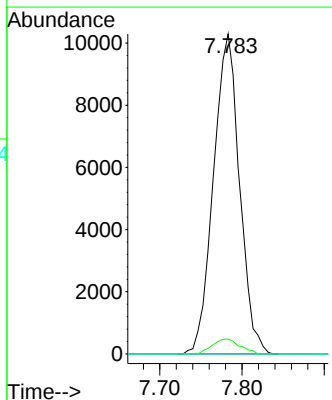
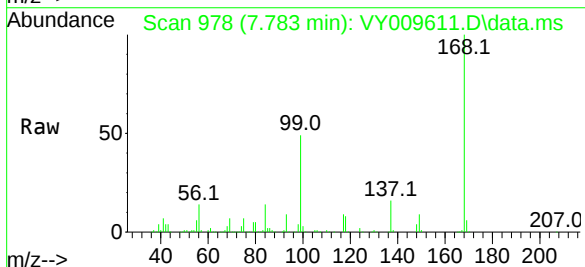


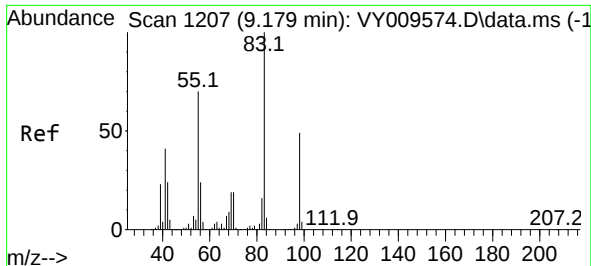
Tgt Ion: 43 Resp: 150775
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 117 Resp: 22679
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#

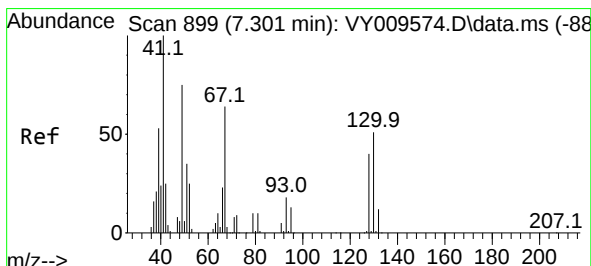
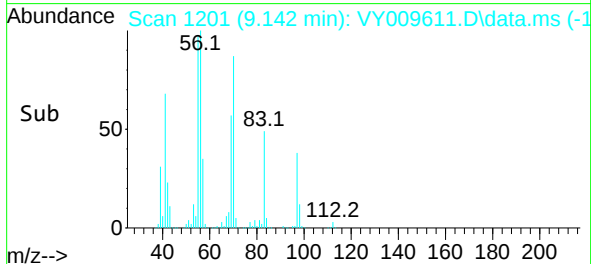
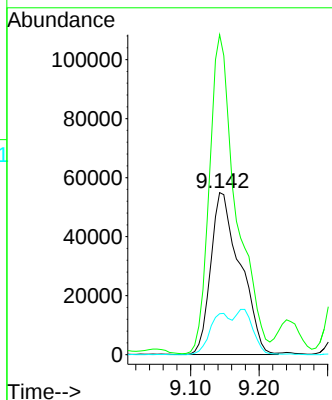
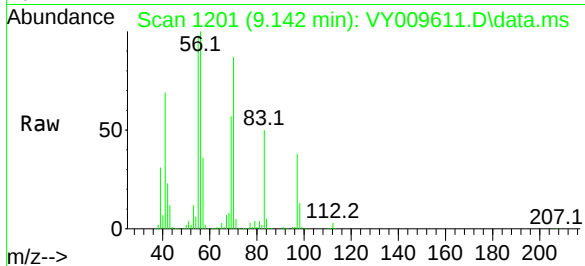




#39
Methylcyclohexane
Concen: 34.705 ug/l
RT: 9.142 min Scan# 1
Delta R.T. -0.037 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

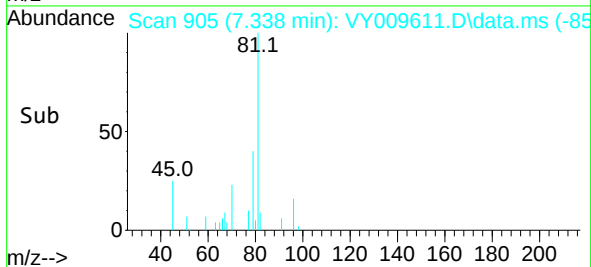
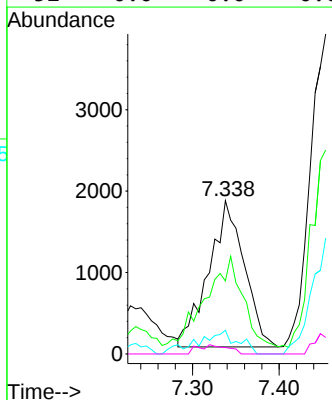
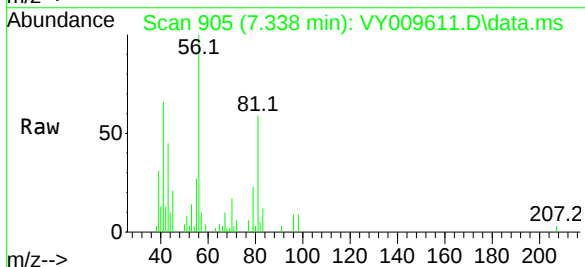
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

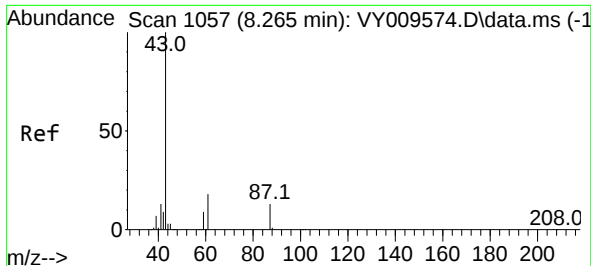
Tgt Ion: 83 Resp: 163922
Ion Ratio Lower Upper
83 100
55 196.9 66.5 99.7#
98 25.3 37.9 56.9#



#41
Methacrylonitrile
Concen: 5.015 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 41 Resp: 5131
Ion Ratio Lower Upper
41 100
39 65.7 92.9 139.3#
67 15.6 0.0 0.0#
52 0.0 0.0 0.0

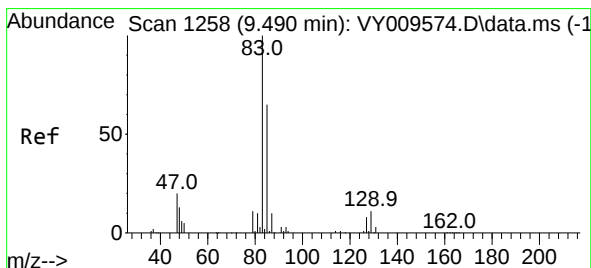
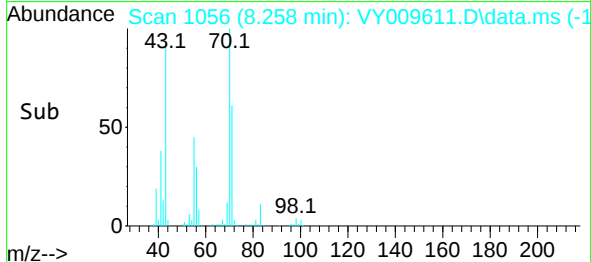
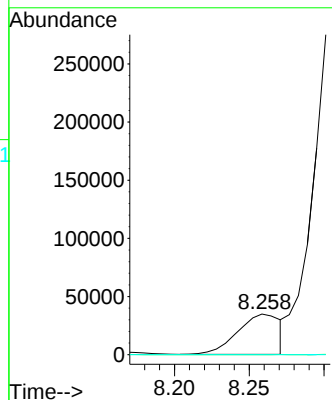
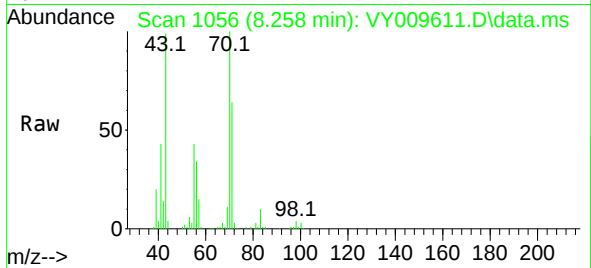




#43
Isopropyl Acetate
Concen: 17.507 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

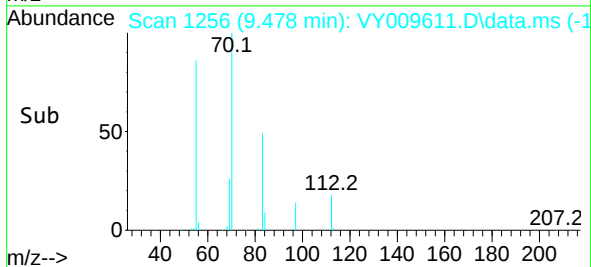
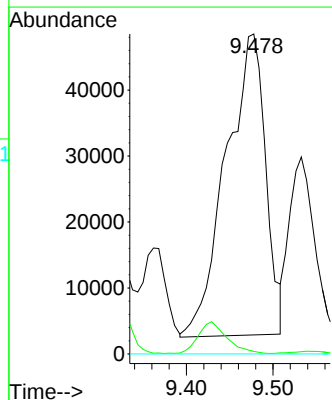
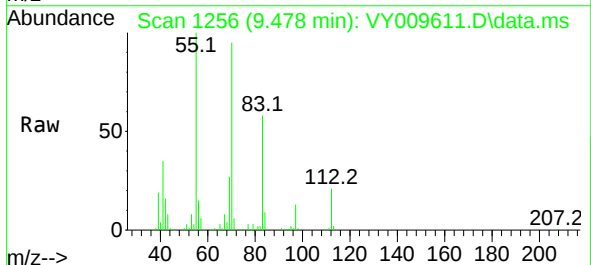
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

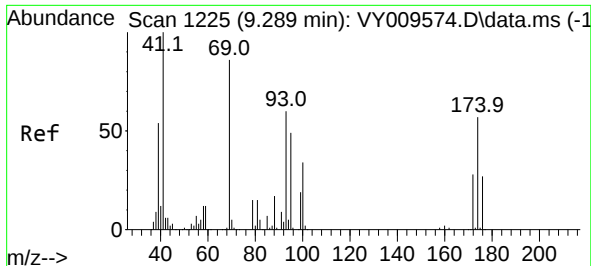
Tgt Ion: 43 Resp: 68392
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



#47
Bromodichloromethane
Concen: 38.742 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. -0.012 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 83 Resp: 145093
Ion Ratio Lower Upper
83 100
85 0.6 51.9 77.9#
127 0.0 6.6 10.0#

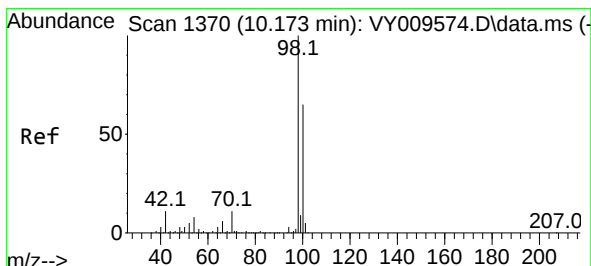
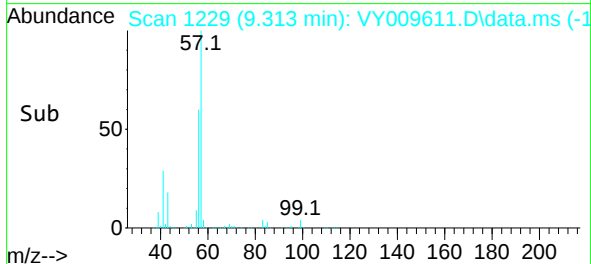
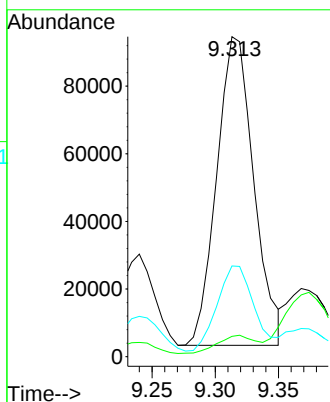
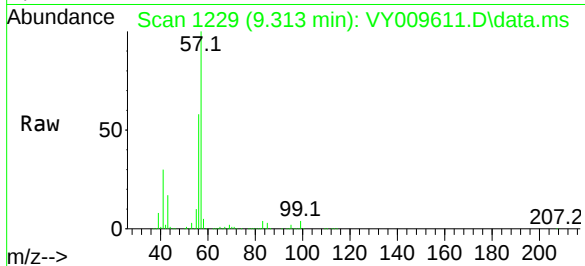




#48
Methyl methacrylate
Concen: 107.906 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

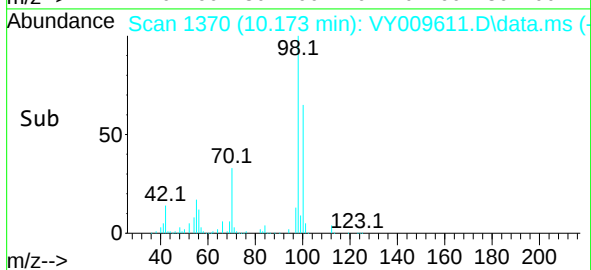
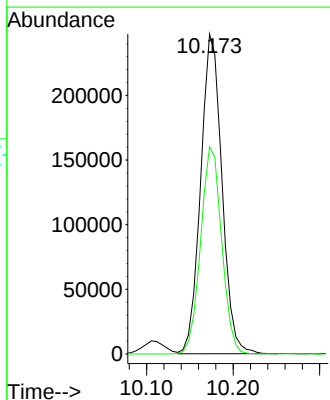
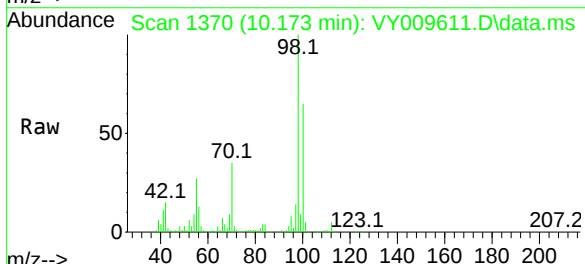
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

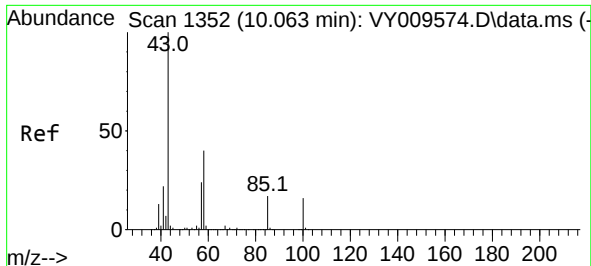
Tgt Ion: 41 Resp: 186244
Ion Ratio Lower Upper
41 100
69 6.2 58.2 87.2#
39 27.5 47.4 71.0#



#50
Toluene-d8
Concen: 42.227 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 98 Resp: 420810
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

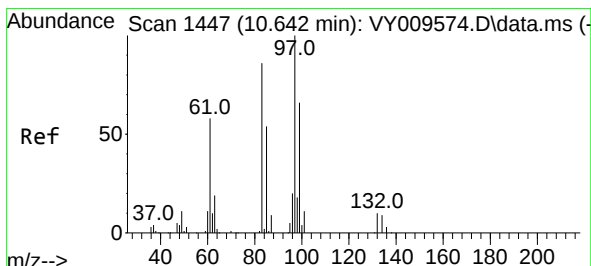
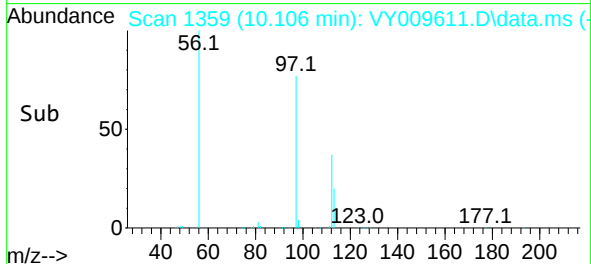
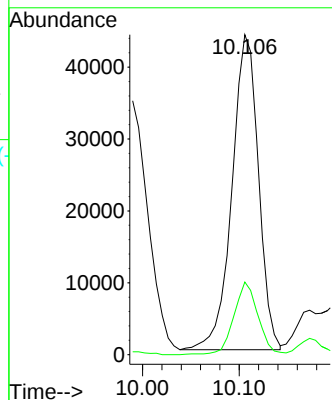
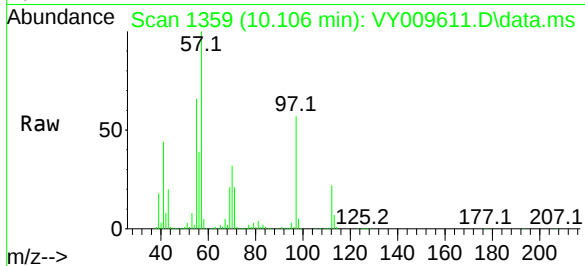




#51
4-Methyl-2-Pentanone
Concen: 41.204 ug/l
RT: 10.106 min Scan# 1359
Delta R.T. 0.043 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

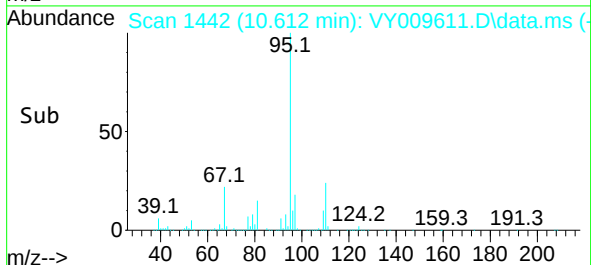
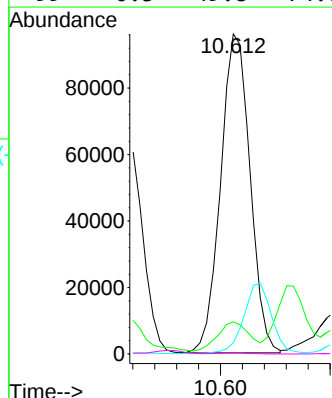
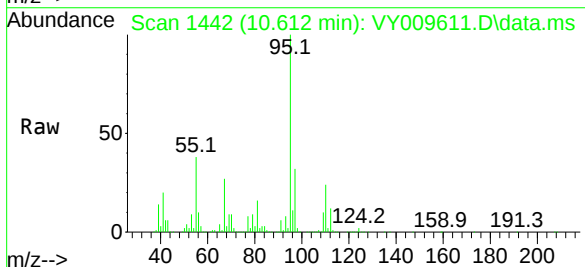
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

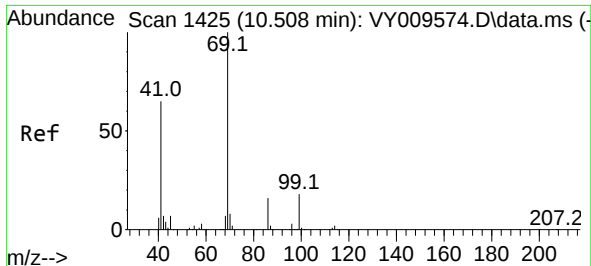
Tgt Ion: 43 Resp: 83578
Ion Ratio Lower Upper
43 100
58 21.0 28.1 42.1#



#55
1,1,2-Trichloroethane
Concen: 79.542 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.030 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 97 Resp: 178918
Ion Ratio Lower Upper
97 100
83 8.6 69.8 104.8#
85 3.4 44.3 66.5#
99 0.3 49.8 74.6#

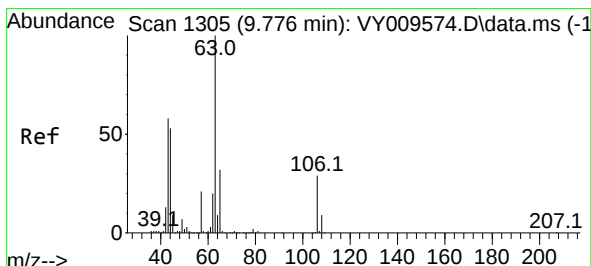
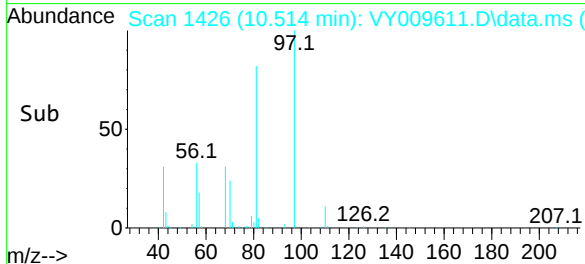
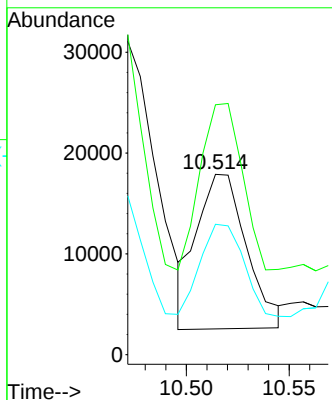
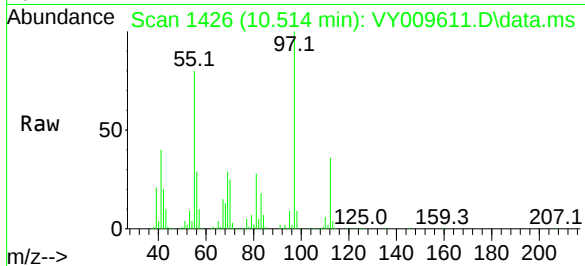




#56
Ethyl methacrylate
Concen: 9.018 ug/l
RT: 10.514 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

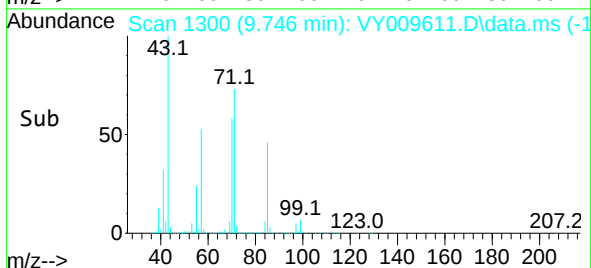
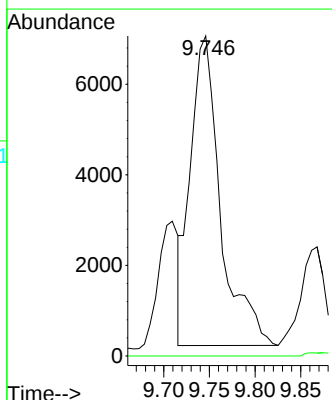
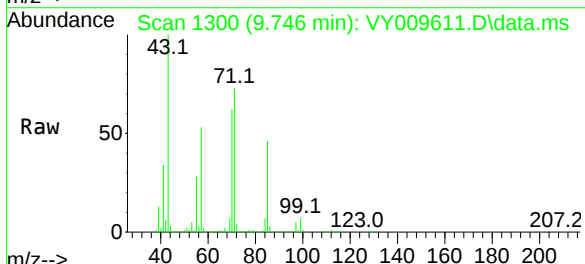
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

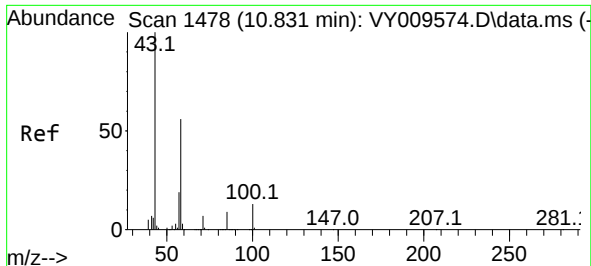
Tgt Ion: 69 Resp: 25951
Ion Ratio Lower Upper
69 100
41 90.1 63.4 95.0
39 51.6 35.8 53.8



#58
2-Chloroethyl Vinyl ether
Concen: 37.259 ug/l
RT: 9.746 min Scan# 1300
Delta R.T. -0.030 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 63 Resp: 15730
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

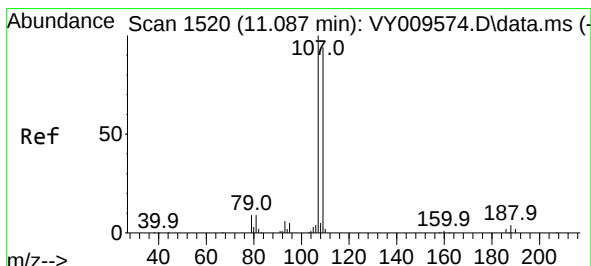
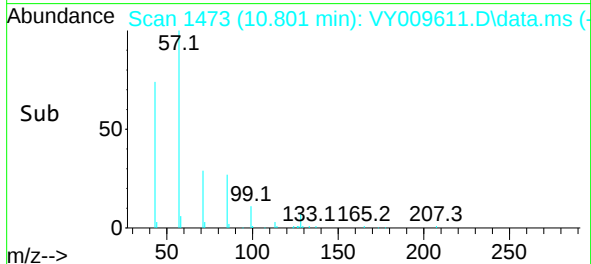
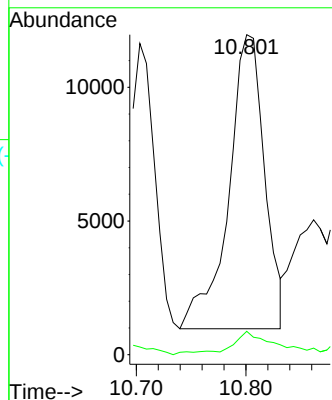
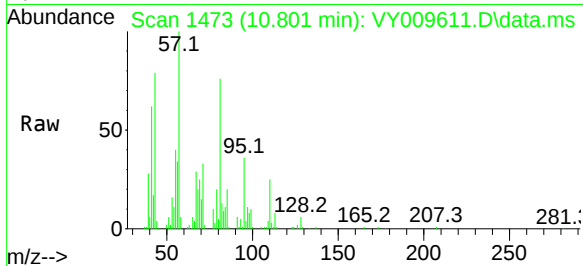




#59
2-Hexanone
Concen: 17.840 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

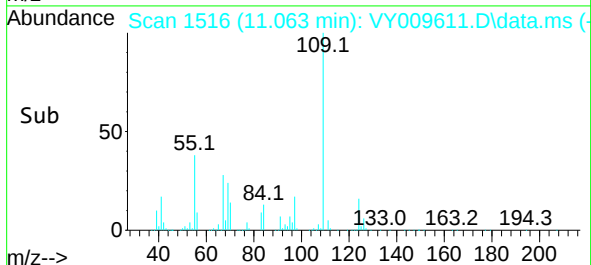
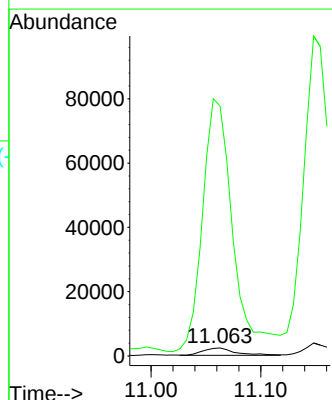
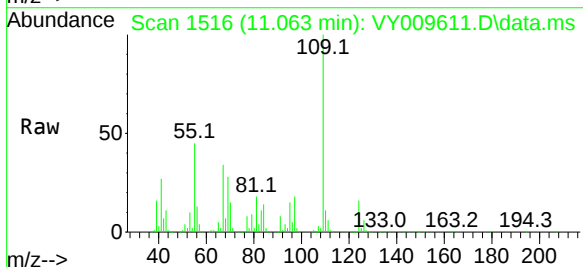
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

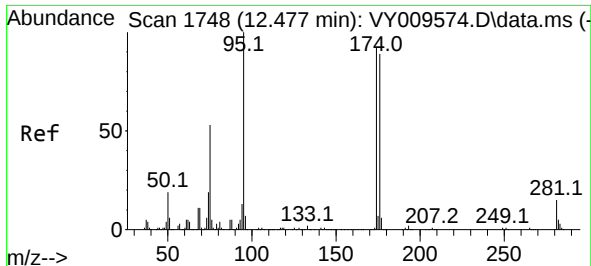
Tgt Ion: 43 Resp: 25168
Ion Ratio Lower Upper
43 100
58 9.9 24.4 73.4#



#61
1,2-Dibromoethane
Concen: 2.138 ug/l
RT: 11.063 min Scan# 1516
Delta R.T. -0.024 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 107 Resp: 4692
Ion Ratio Lower Upper
107 100
109 3224.3 75.4 113.2#

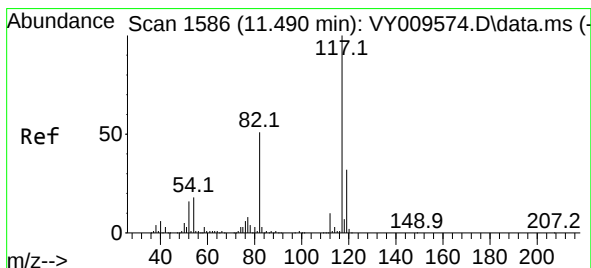
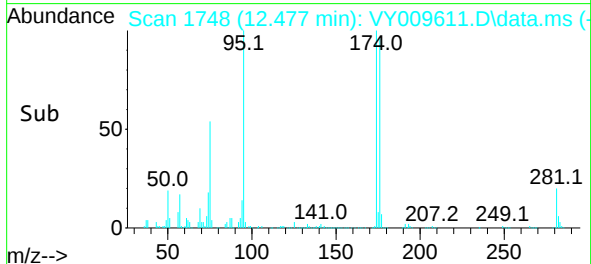
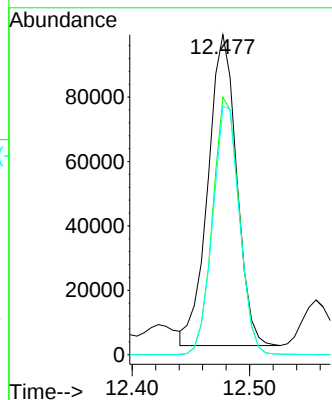
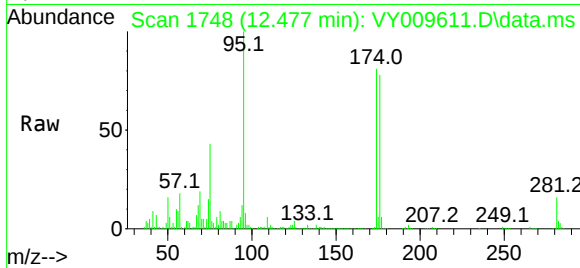




#62
4-Bromofluorobenzene
Concen: 50.614 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

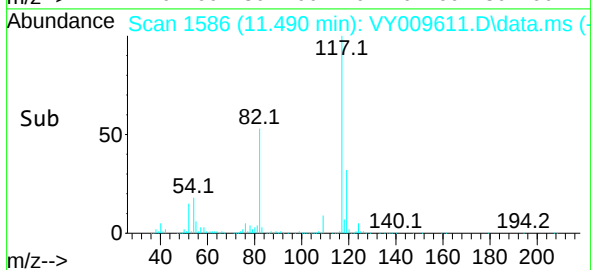
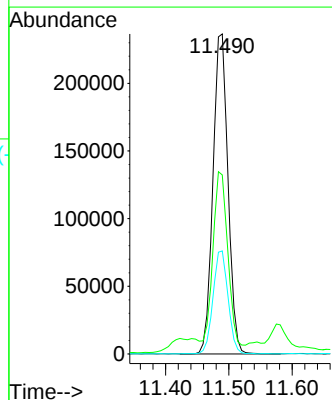
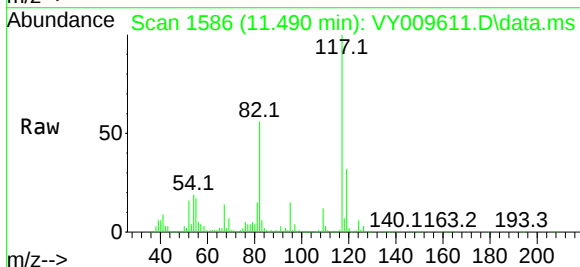
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

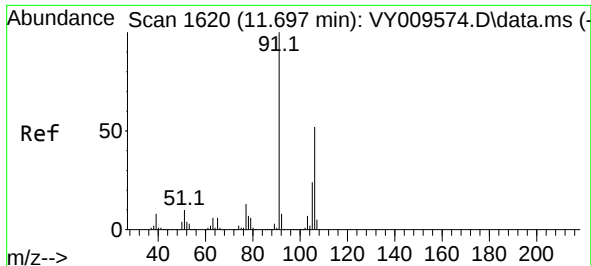
Tgt Ion: 95 Resp: 163436
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 75.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 117 Resp: 389311
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.1 25.4 38.0

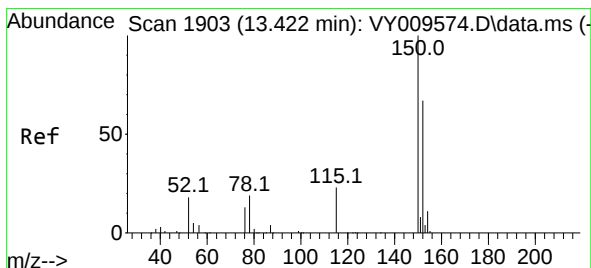
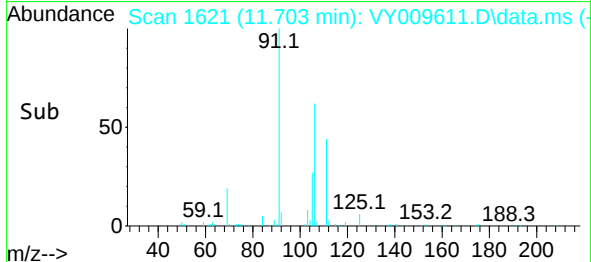
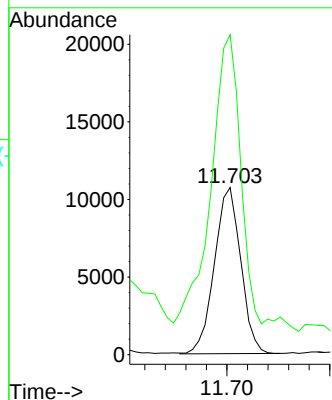
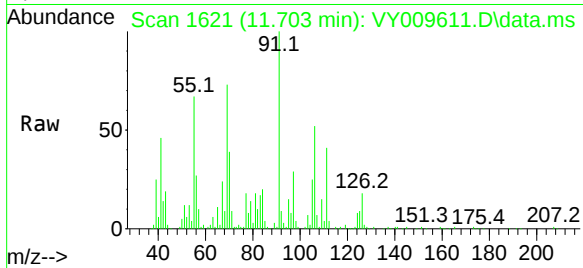




#68
m/p-Xylenes
Concen: 3.415 ug/l
RT: 11.703 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

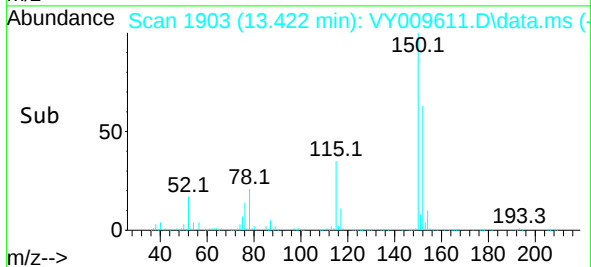
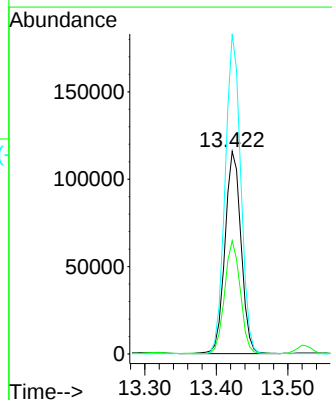
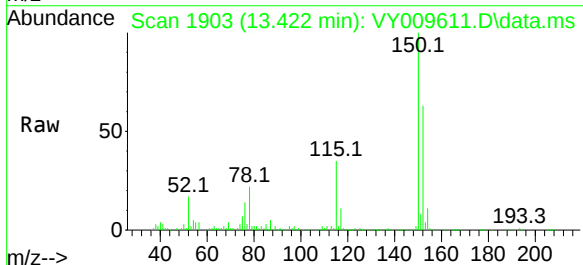
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

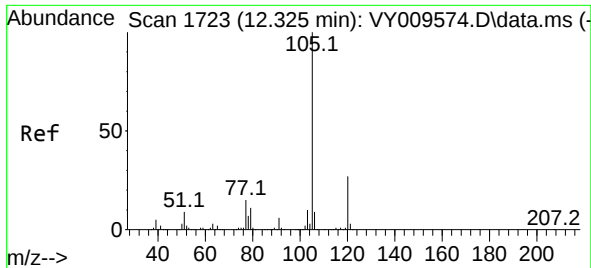
Tgt Ion:106 Resp: 19019
Ion Ratio Lower Upper
106 100
91 211.1 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion:152 Resp: 180394
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 153.2 0.0 347.6

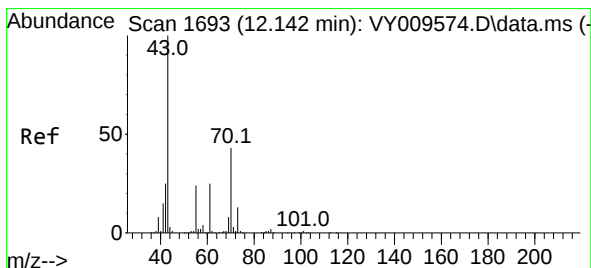
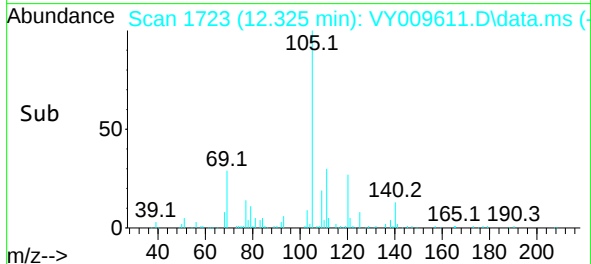
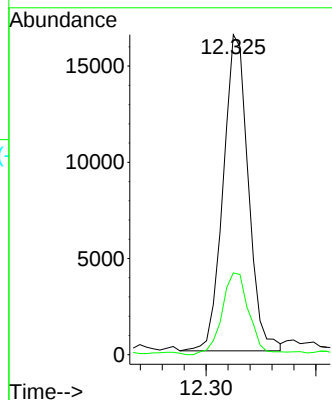
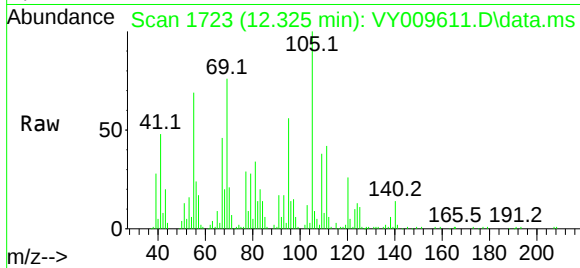




#73
Isopropylbenzene
Concen: 2.093 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

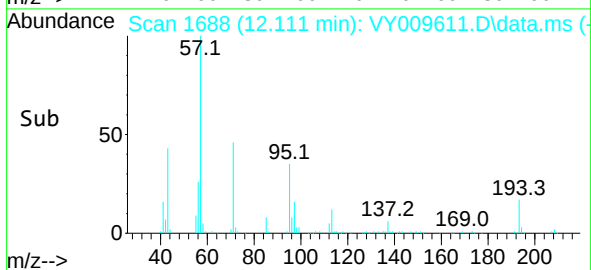
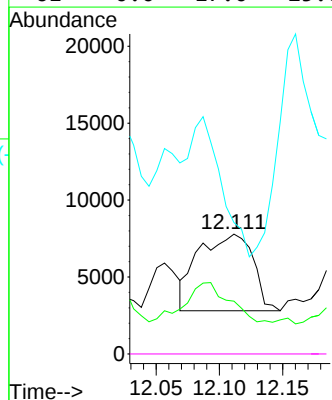
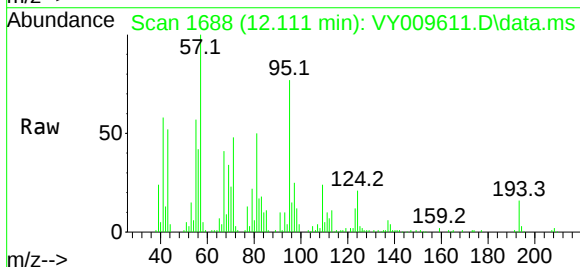
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

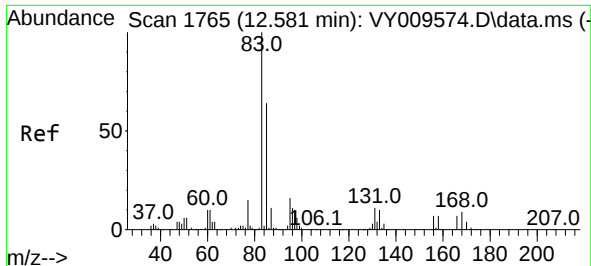
Tgt Ion:105 Resp: 26144
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 4.483 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.030 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 43 Resp: 14892
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

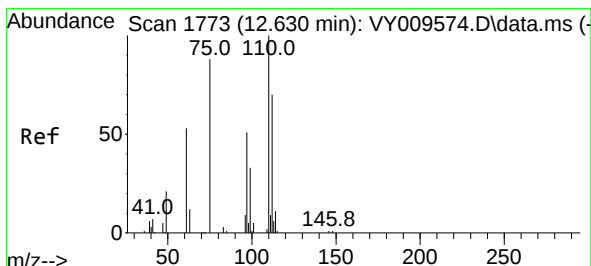
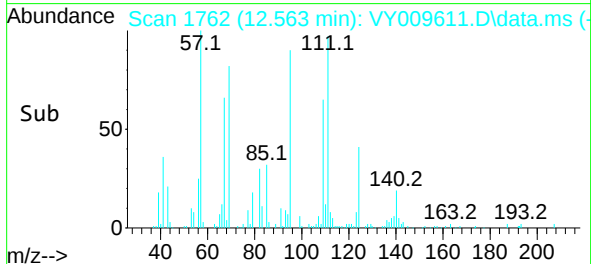
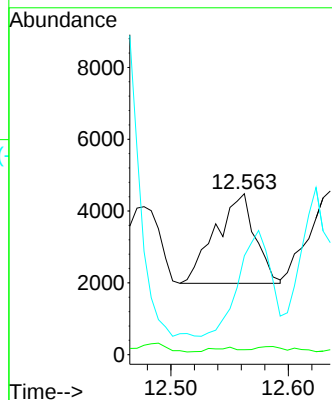
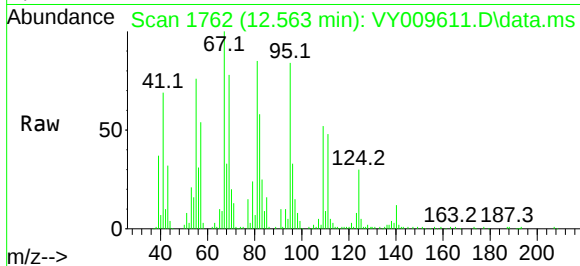




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.340 ug/l
 RT: 12.563 min Scan# 1762
 Delta R.T. -0.018 min
 Lab File: VY009611.D
 Acq: 20 Jul 2022 14:44

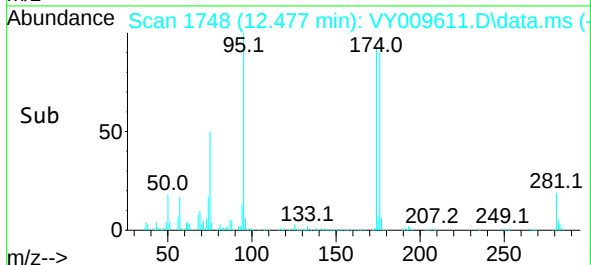
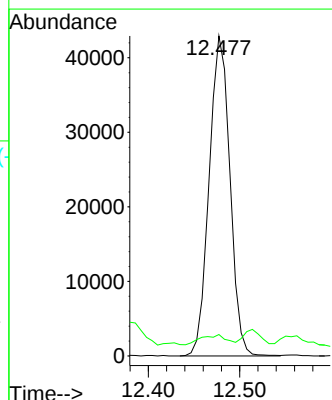
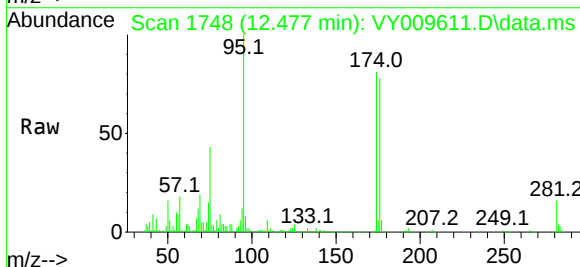
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-3-(18-24)

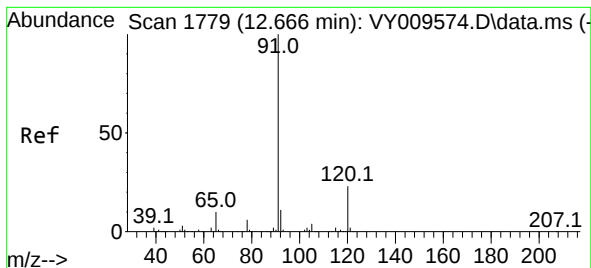
Tgt Ion: 83 Resp: 5853
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 94.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 39.436 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009611.D
 Acq: 20 Jul 2022 14:44

Tgt Ion: 75 Resp: 67769
 Ion Ratio Lower Upper
 75 100
 77 3.8 0.0 0.0#





#78

n-propylbenzene

Concen: 1.602 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

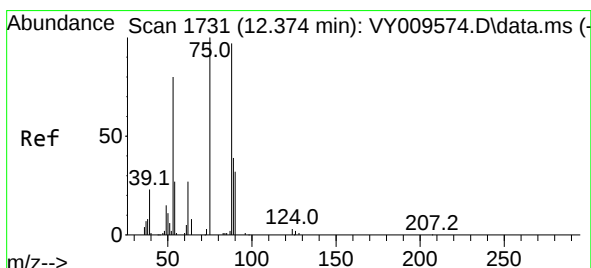
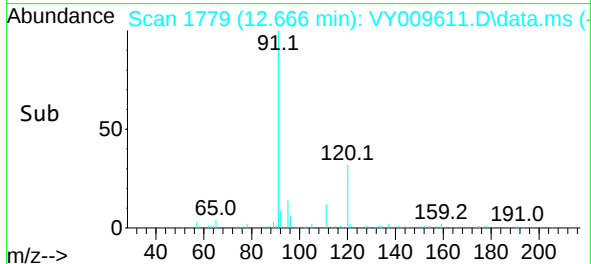
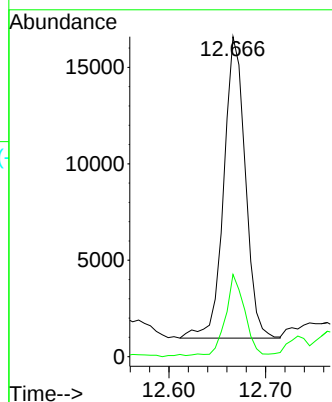
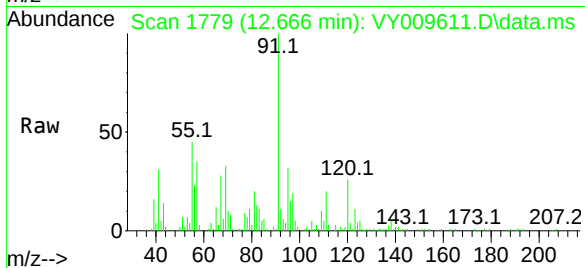
SED-3-(18-24)

Tgt Ion: 91 Resp: 24185

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9



#81

trans-1,4-Dichloro-2-butene

Concen: 77.760 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

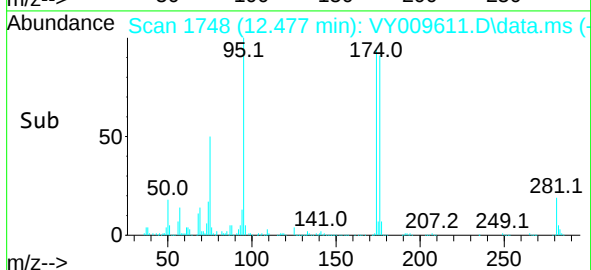
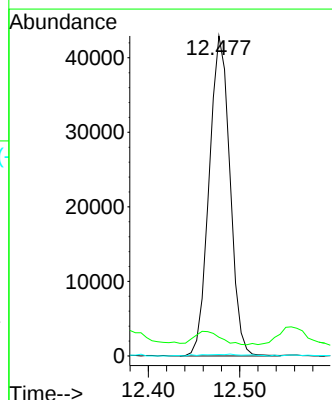
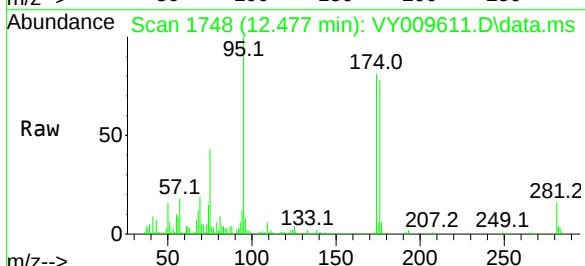
Tgt Ion: 75 Resp: 67769

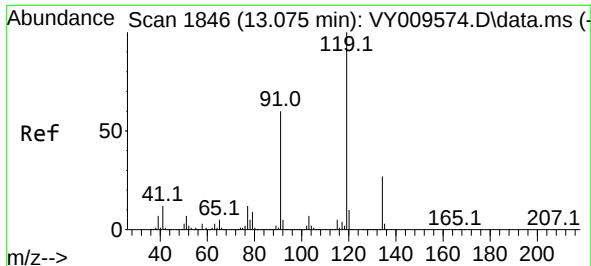
Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 1.2 37.0 55.4#

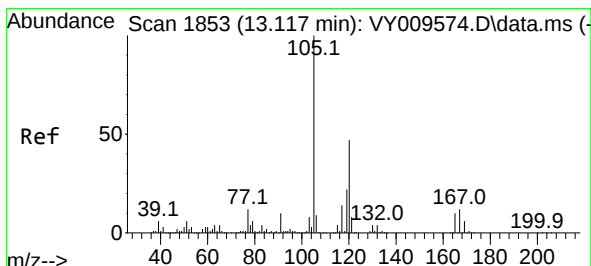
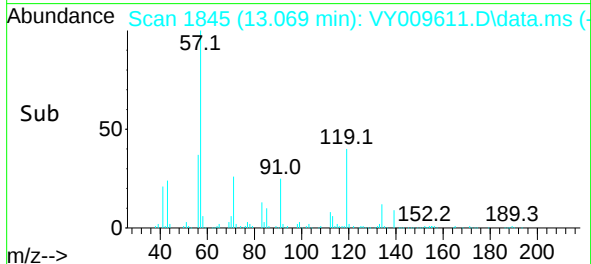
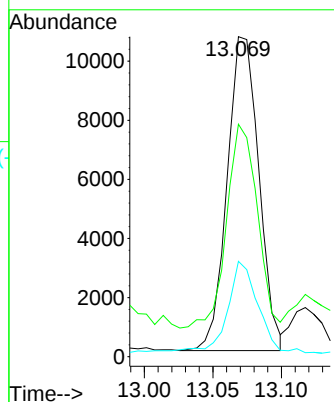
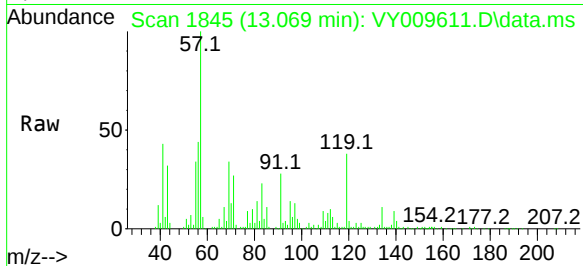




#83
tert-Butylbenzene
Concen: 1.869 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

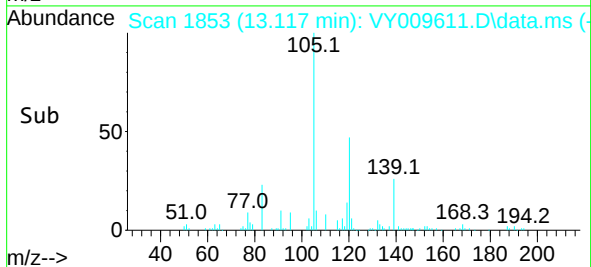
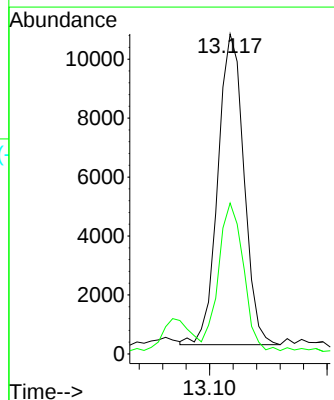
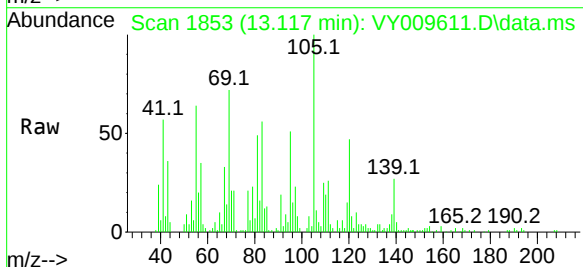
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

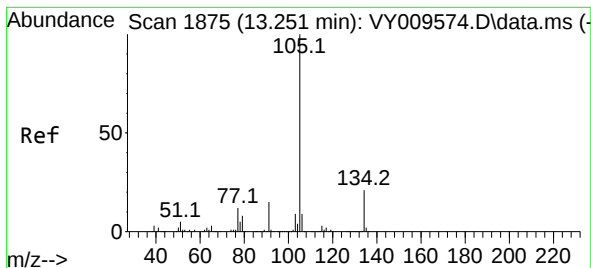
Tgt Ion:119 Resp: 17135
Ion Ratio Lower Upper
119 100
91 62.2 34.8 104.4
134 29.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.572 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion:105 Resp: 16230
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 3.328 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

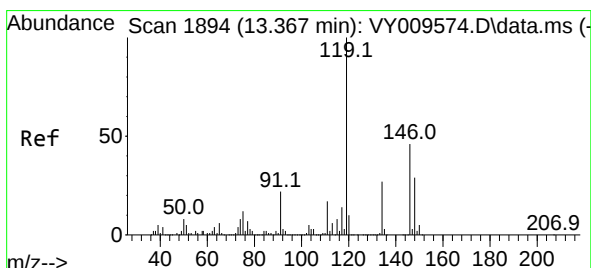
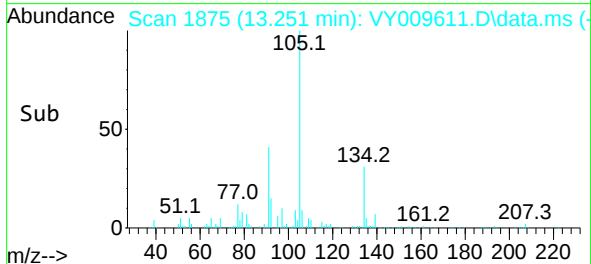
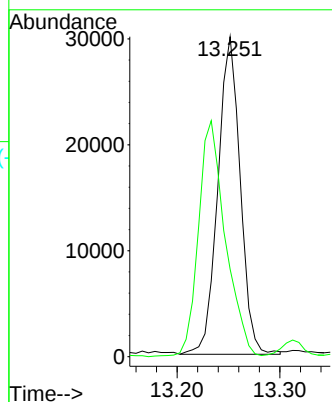
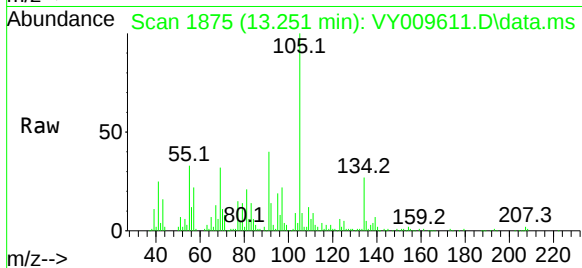
SED-3-(18-24)

Tgt Ion:105 Resp: 45237

Ion Ratio Lower Upper

105 100

134 89.6 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 7.299 ug/l

RT: 13.520 min Scan# 1919

Delta R.T. 0.152 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

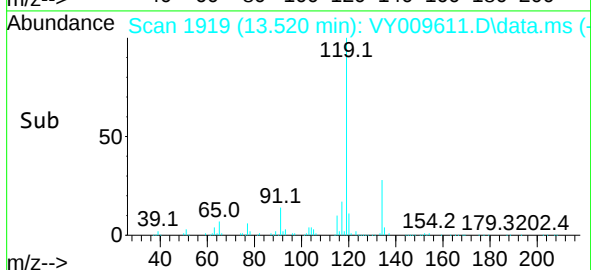
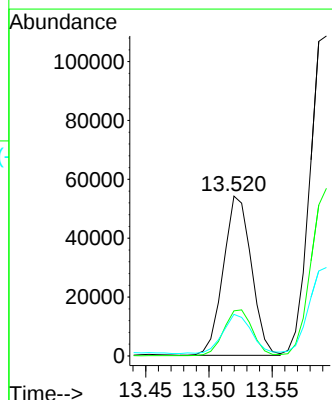
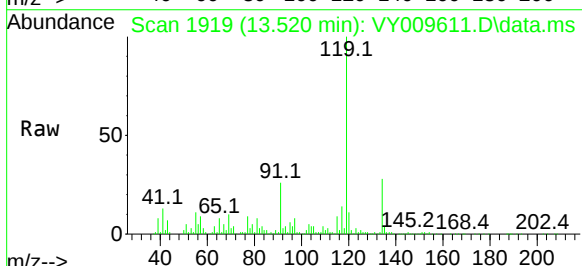
Tgt Ion:119 Resp: 83391

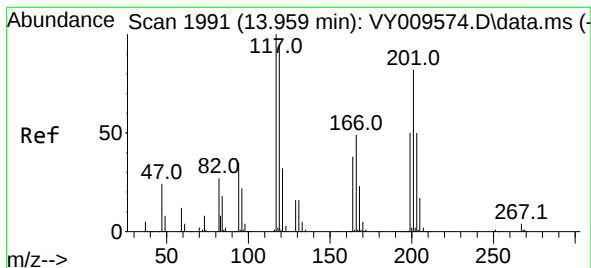
Ion Ratio Lower Upper

119 100

134 29.6 13.2 39.5

91 25.3 12.4 37.2





#90

Hexachloroethane

Concen: 2.997 ug/l

RT: 13.971 min Scan# 1991

Delta R.T. 0.012 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

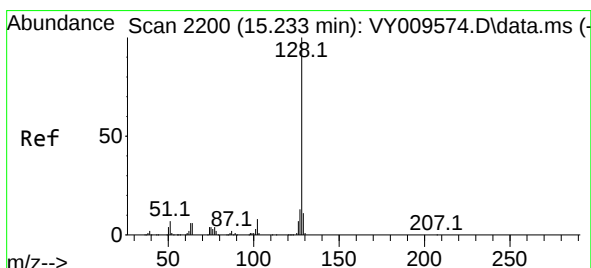
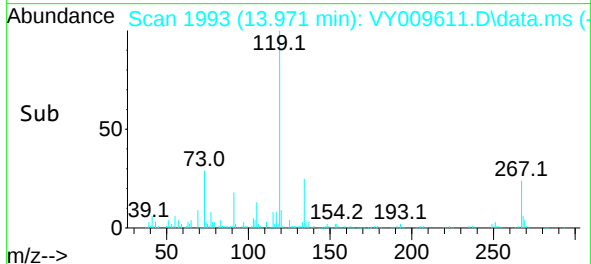
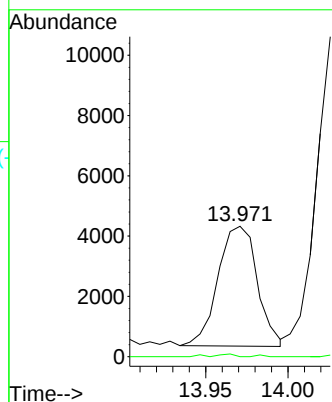
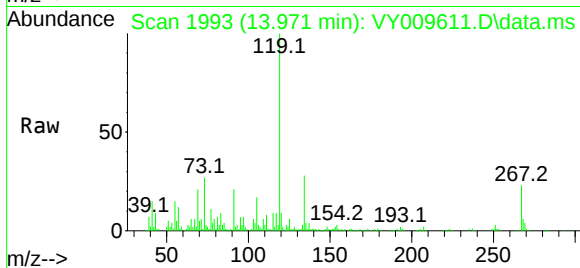
SED-3-(18-24)

Tgt Ion:117 Resp: 6597

Ion Ratio Lower Upper

117 100

201 1.2 43.0 128.8#



#95

Naphthalene

Concen: 1.510 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Tgt Ion:128 Resp: 9824

Ion Ratio Lower Upper

128 100

127 19.0 11.0 16.4#

129 0.0 8.4 12.6#

