

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009599.D
 Acq On : 19 Jul 2022 19:00
 Operator : KP/MD
 Sample : N3652-02
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-7-(6-12)

Quant Time: Jul 20 02:45:46 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)

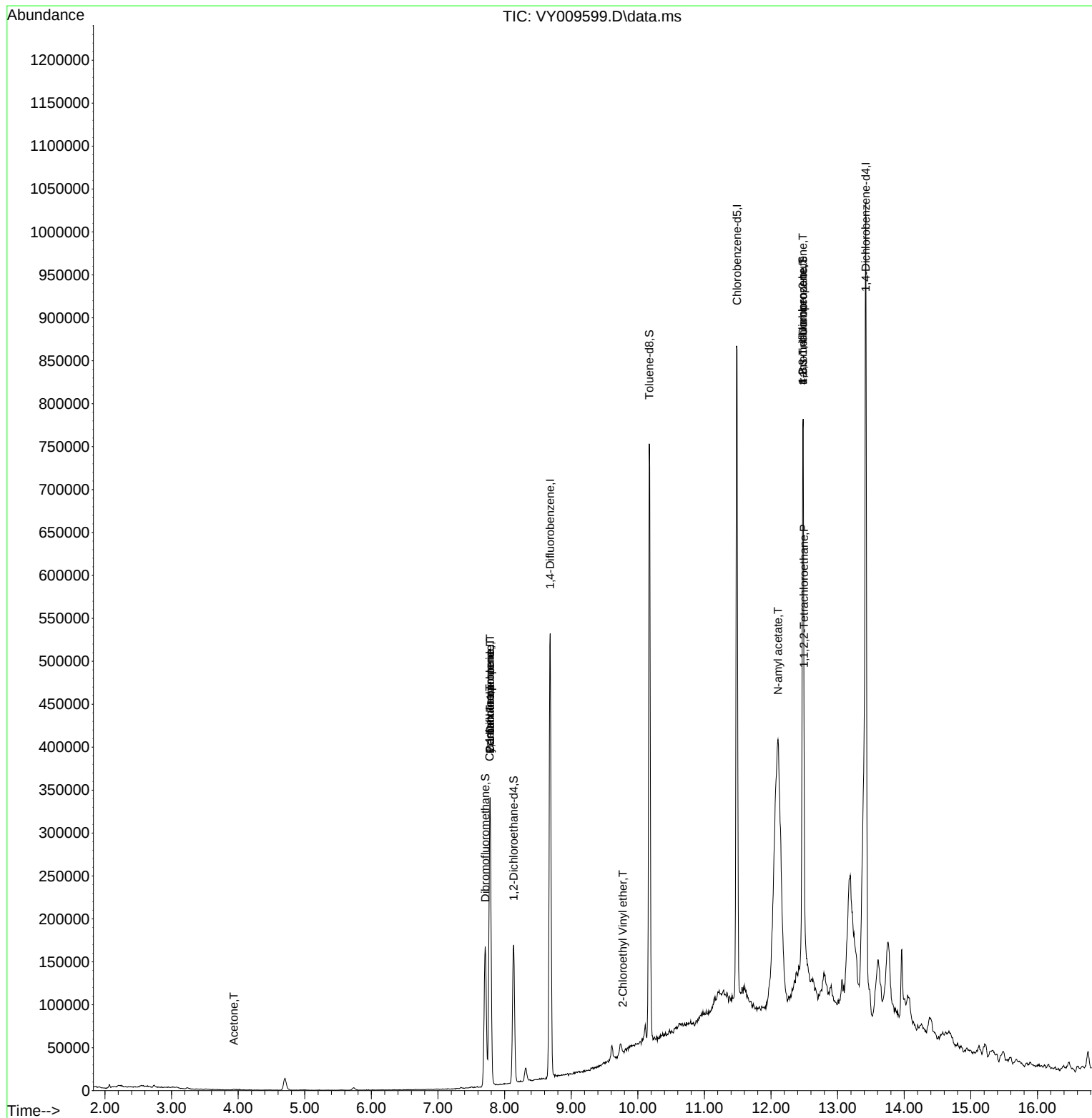
Internal Standards						
1) Pentafluorobenzene	7.783	168	277638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	447016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	214129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123177	46.911	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.820%		
35) Dibromofluoromethane	7.710	113	120222	40.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.680%		
50) Toluene-d8	10.173	98	468349	41.381	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	82.760%		
62) 4-Bromofluorobenzene	12.477	95	167386	45.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	91.280%		
Target Compounds						
11) Tert butyl alcohol	4.954	59	513	Below Cal	#	77
16) Acetone	3.936	43	1426	2.147	ug/l	94
20) Methylene Chloride	4.698	84	10337	Below Cal	#	79
31) Cyclohexane	7.777	56	5111	1.104	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	18170	4.176	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	26123	5.736	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.776	63	153	28.357	ug/l	# 21
74) N-amyl acetate	12.105	43	40339	10.231	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.495	83	17446	5.876	ug/l	# 27
76) 1,2,3-Trichloropropane	12.477	75	79026	38.742	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	79026	76.391	ug/l	# 8

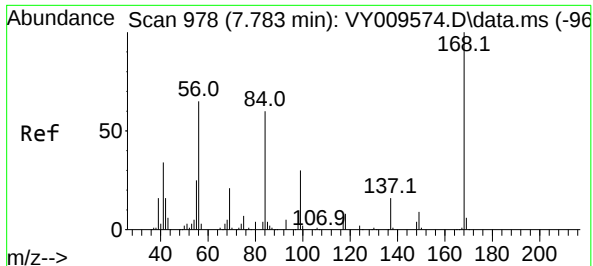
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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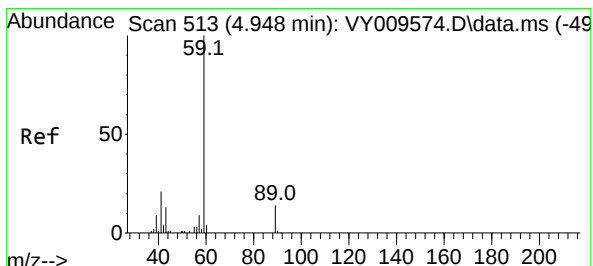
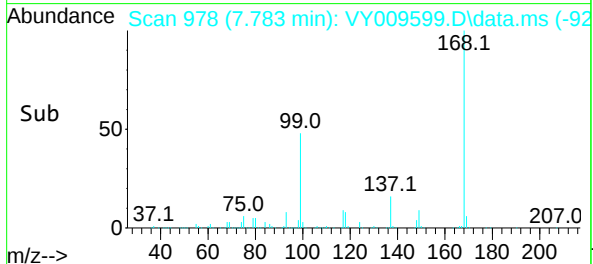
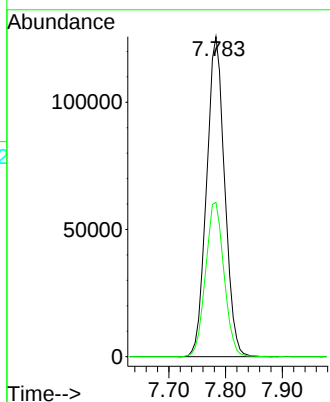
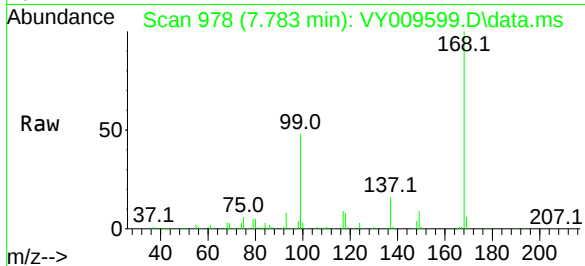




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

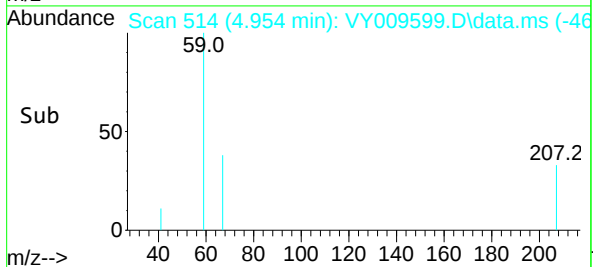
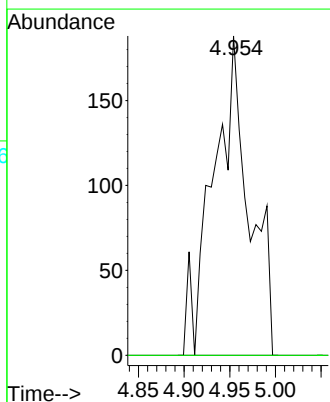
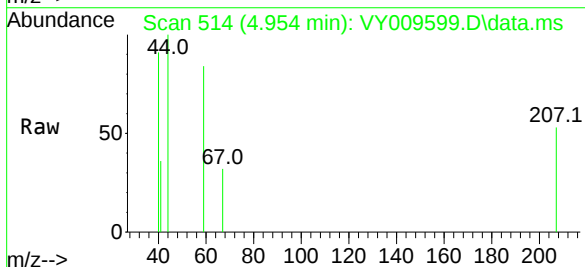
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(6-12)

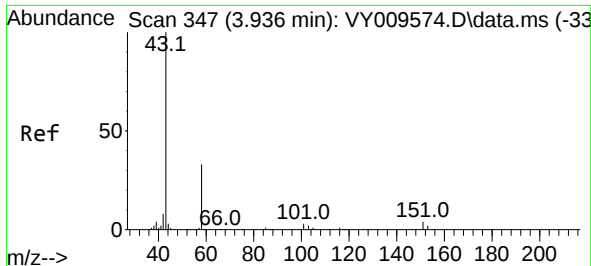
Tgt Ion:168 Resp: 277638
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 59 Resp: 513
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

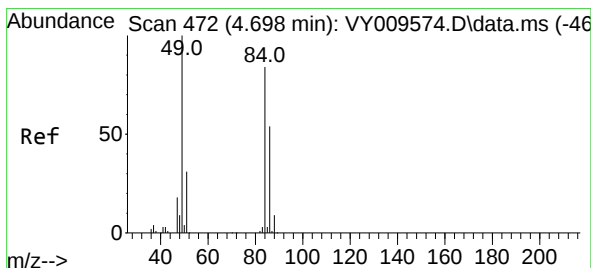
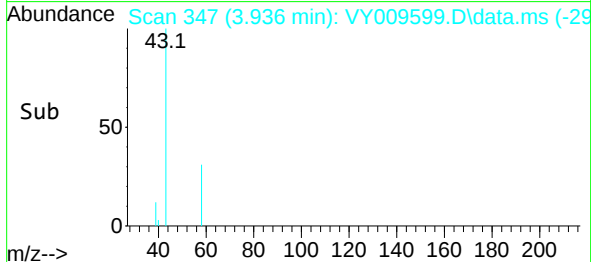
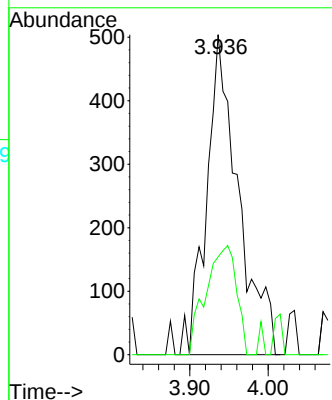
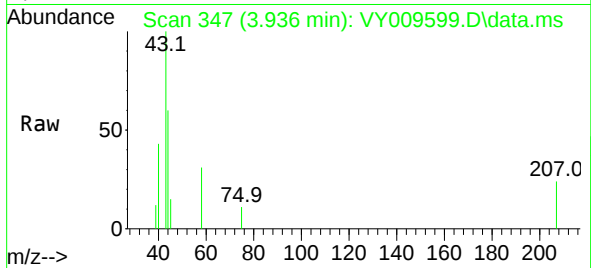




#16
Acetone
Concen: 2.147 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

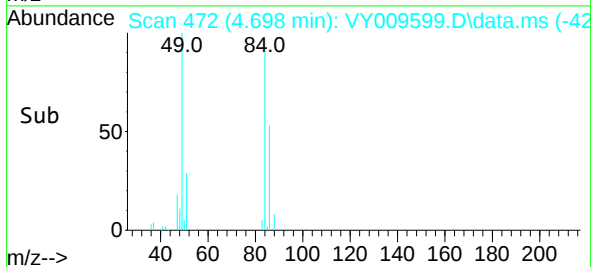
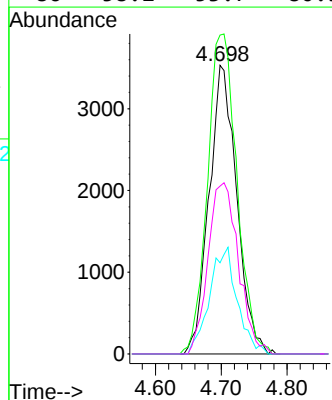
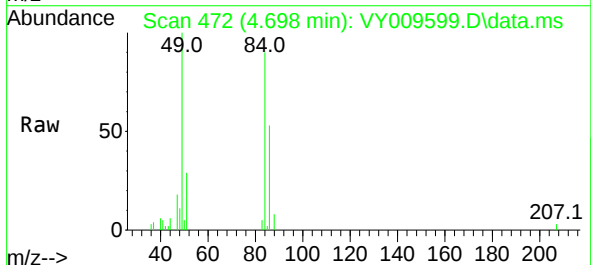
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(6-12)

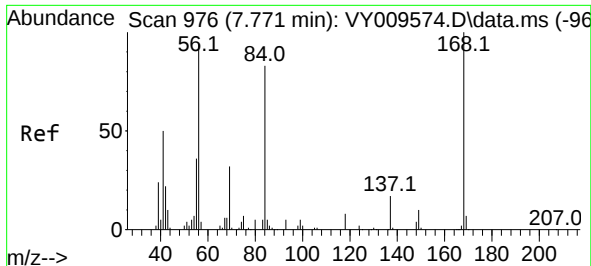
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 84 Resp: 10337
Ion Ratio Lower Upper
84 100
49 110.5 114.4 171.6#
51 31.6 35.3 52.9#
86 58.2 53.7 80.5

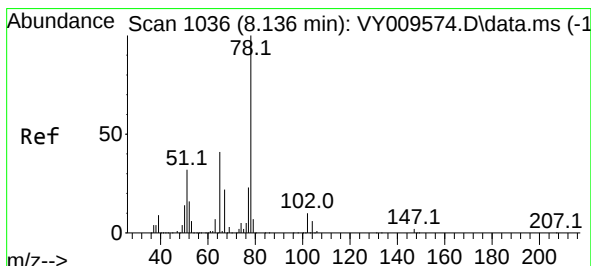
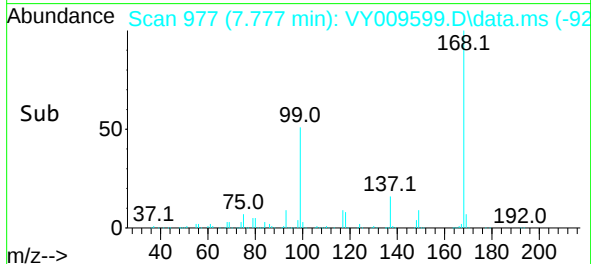
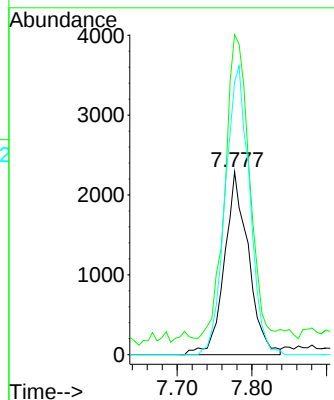
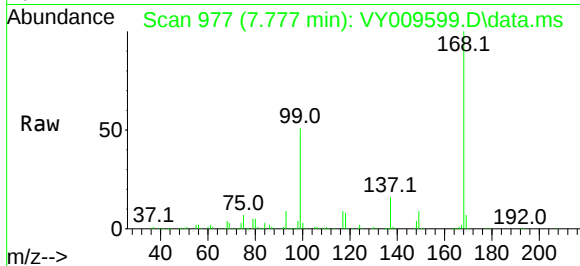




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

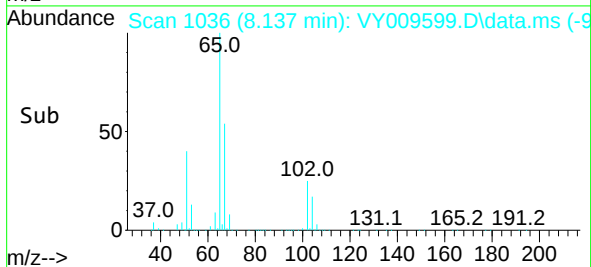
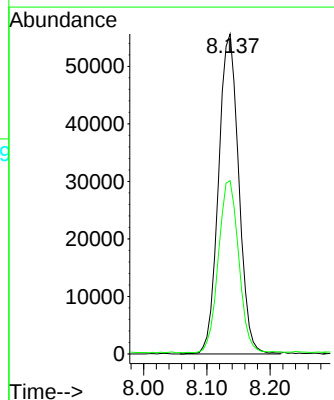
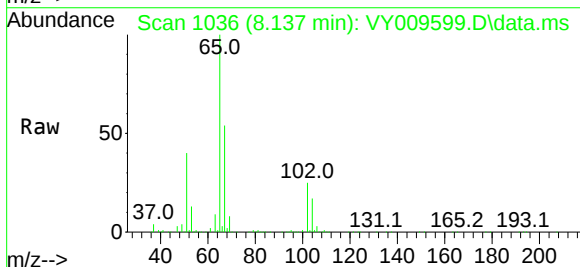
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(6-12)

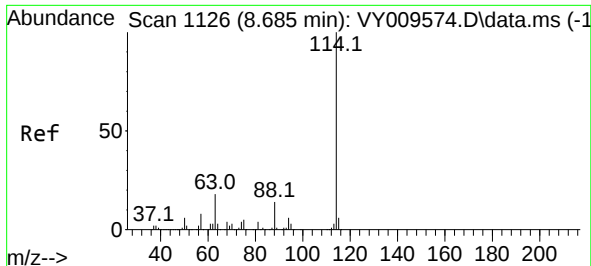
Tgt Ion: 56 Resp: 5111
Ion Ratio Lower Upper
56 100
69 165.3 26.7 40.1#
84 149.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.911 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 65 Resp: 123177
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009599.D

Acq: 19 Jul 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

SED-7-(6-12)

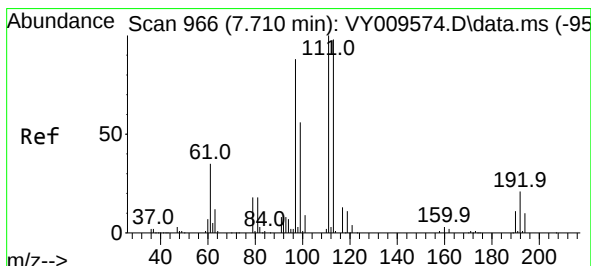
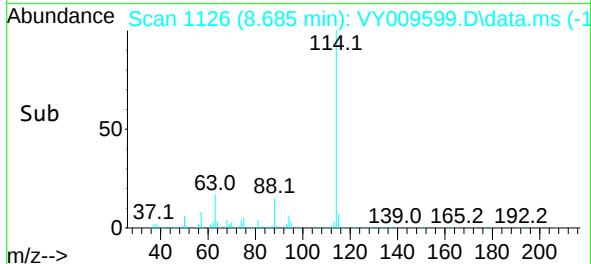
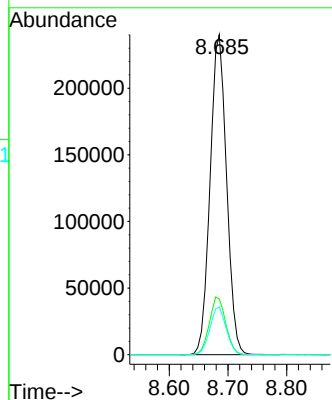
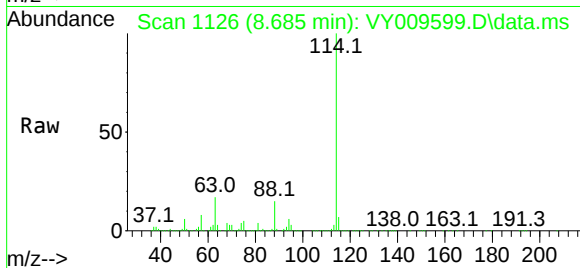
Tgt Ion:114 Resp: 467318

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.835 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009599.D

Acq: 19 Jul 2022 19:00

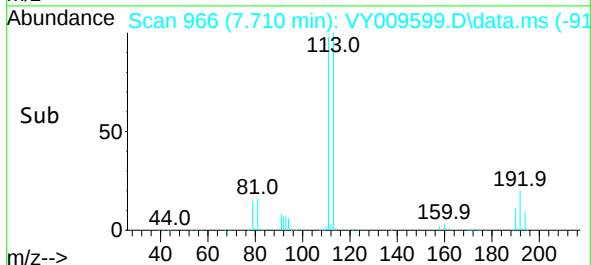
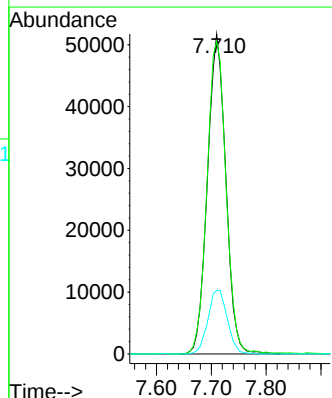
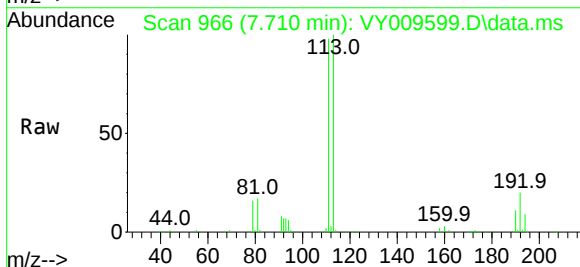
Tgt Ion:113 Resp: 120222

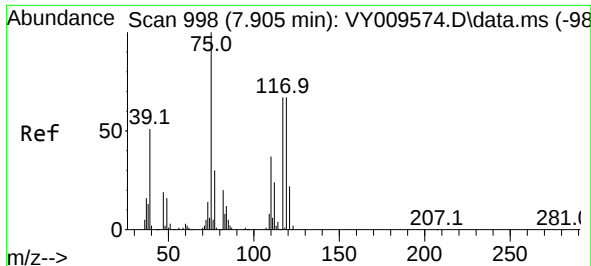
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 21.1 17.6 26.4

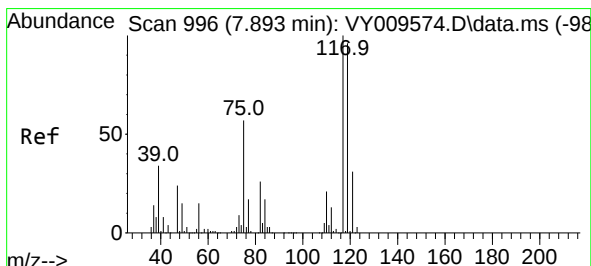
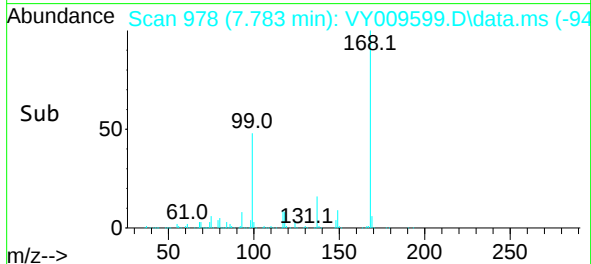
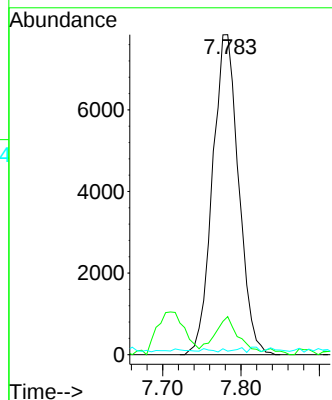
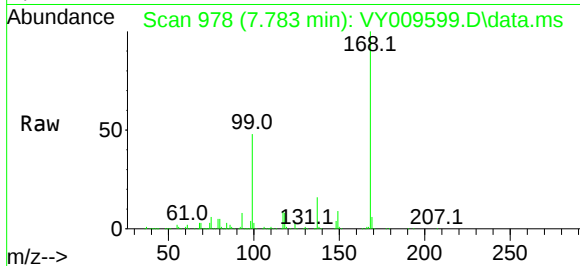




#36
1,1-Dichloropropene
Concen: 4.176 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

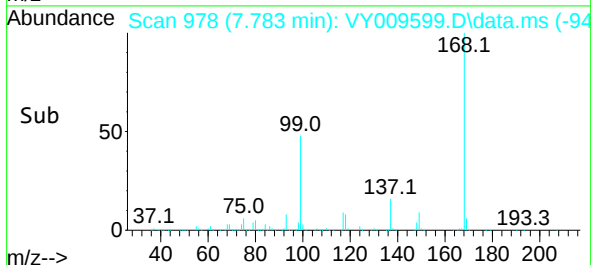
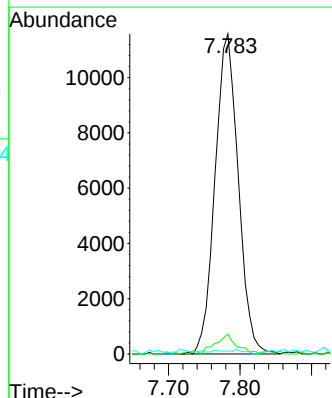
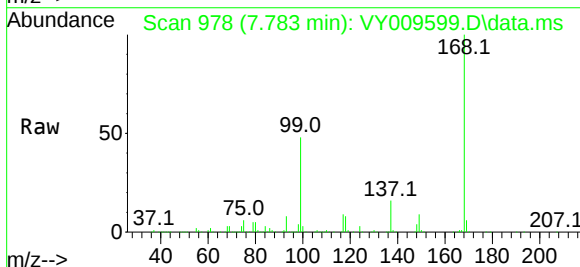
Instrument :
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ClientSampleId :
SED-7-(6-12)

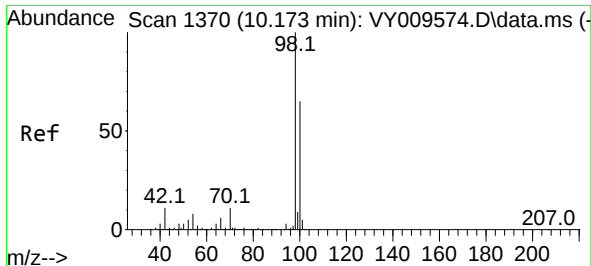
Tgt Ion: 75 Resp: 18170
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 117 Resp: 26123
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#

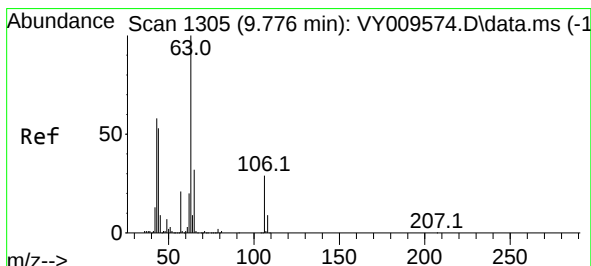
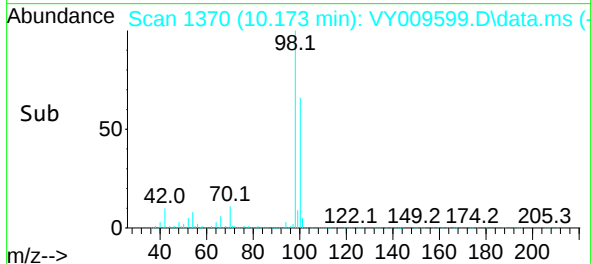
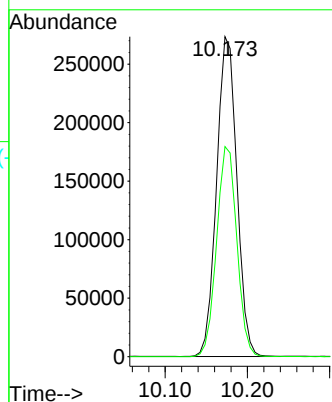
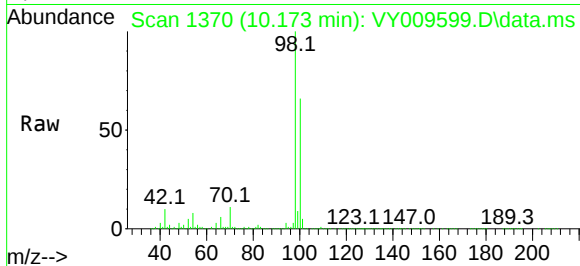




#50
Toluene-d8
Concen: 41.381 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

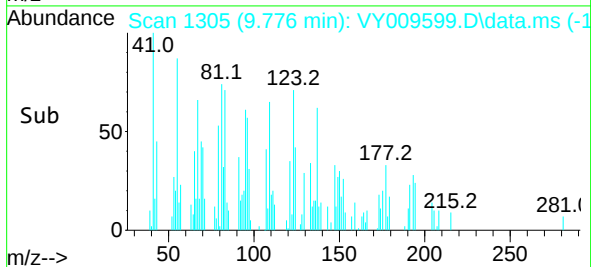
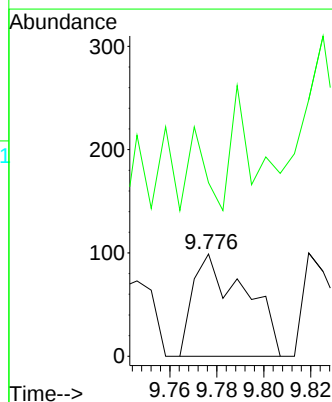
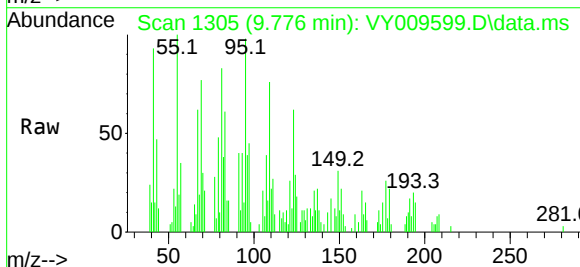
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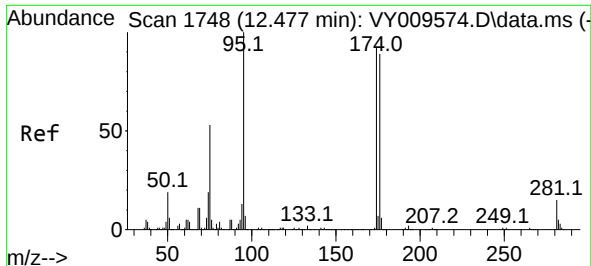
Tgt Ion: 98 Resp: 468349
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 28.357 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 63 Resp: 153
Ion Ratio Lower Upper
63 100
106 68.0 21.5 32.3#

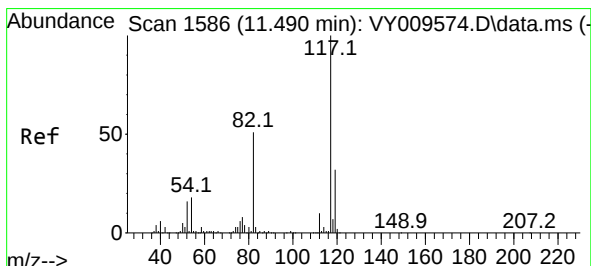
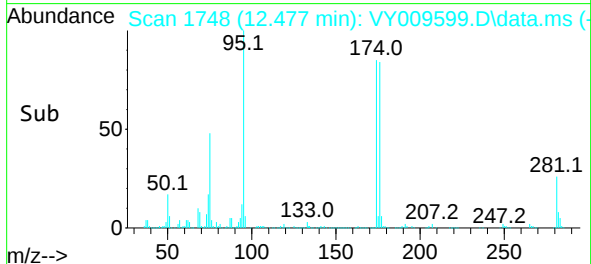
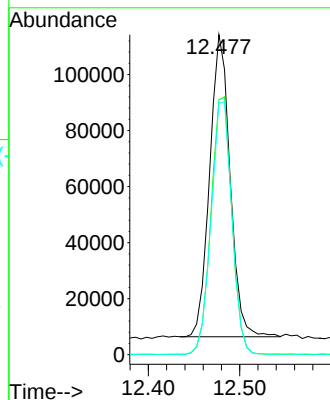
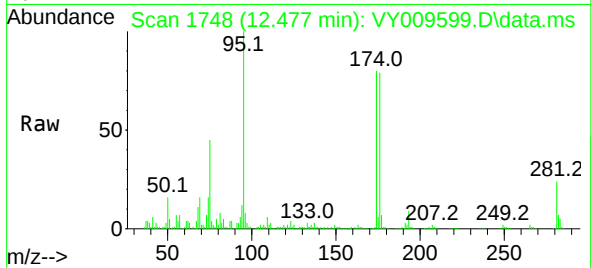




#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

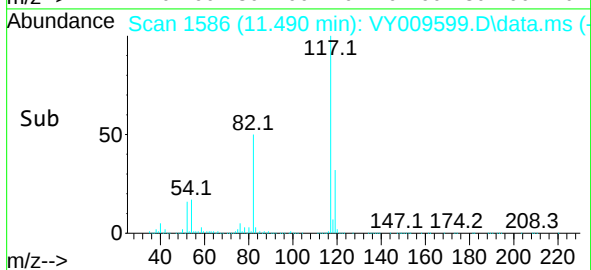
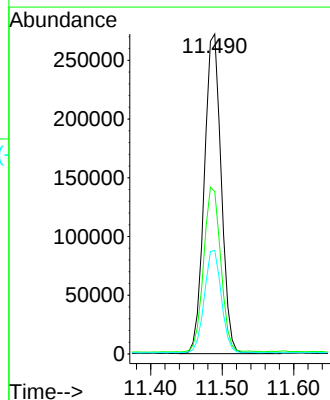
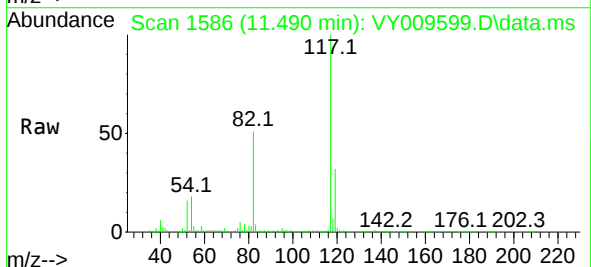
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(6-12)

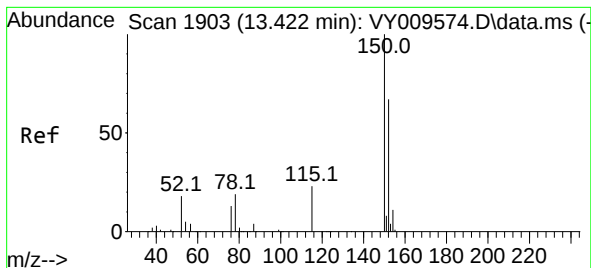
Tgt Ion: 95 Resp: 167386
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 85.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 117 Resp: 447016
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.0 25.4 38.0

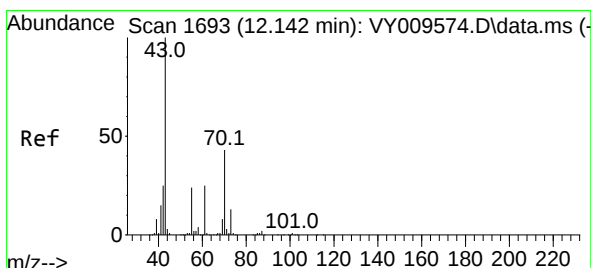
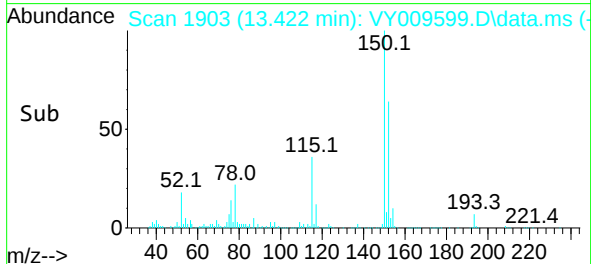
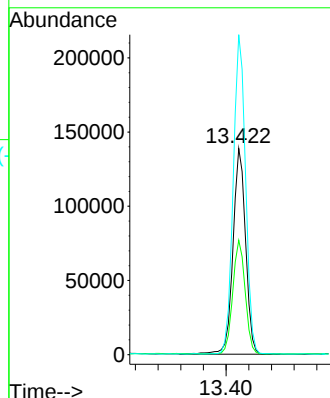
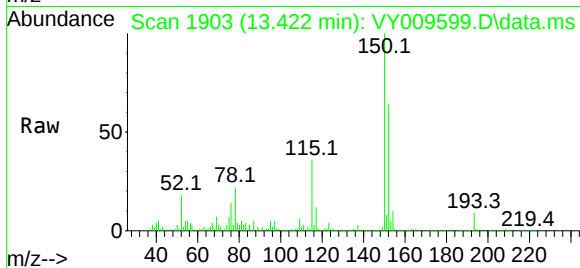




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

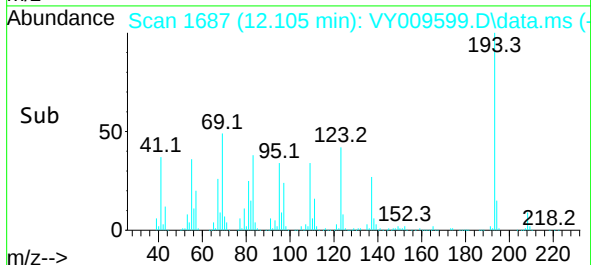
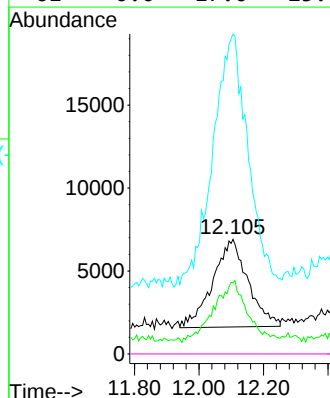
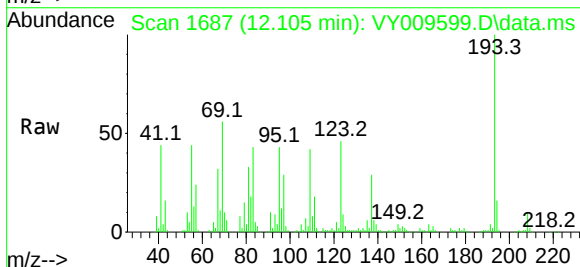
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(6-12)

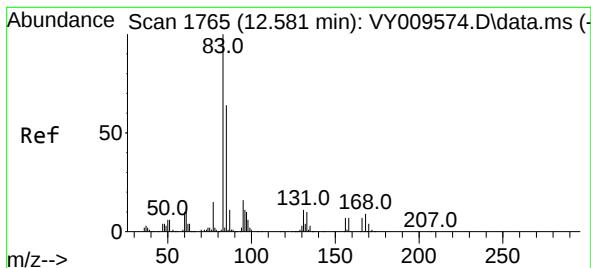
Tgt Ion:152 Resp: 214129
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 151.2 0.0 347.6



#74
N-ethyl acetate
Concen: 10.231 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.037 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 43 Resp: 40339
Ion Ratio Lower Upper
43 100
70 64.5 28.7 43.1#
55 289.2 17.3 25.9#
61 0.0 17.0 25.6#

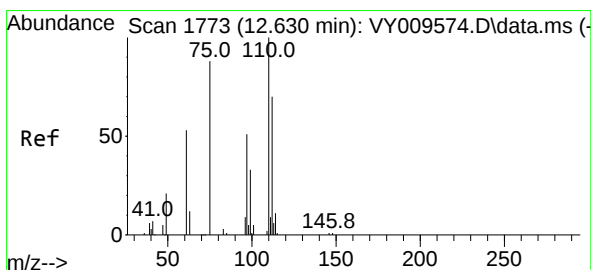
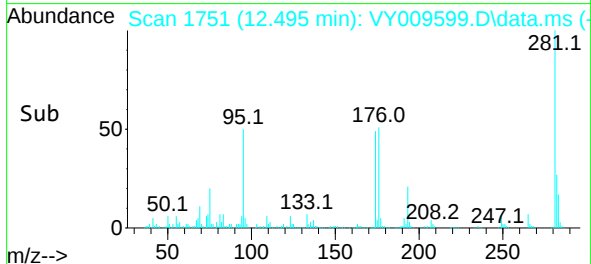
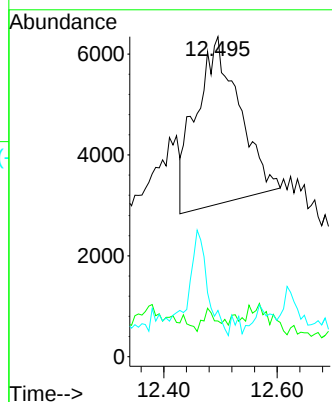
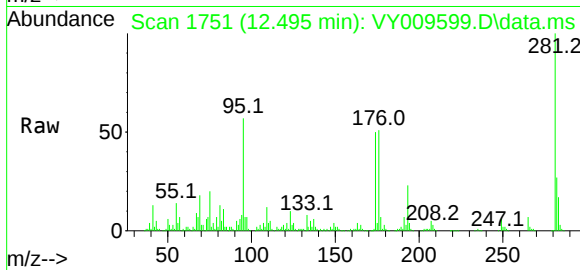




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.876 ug/l
 RT: 12.495 min Scan# 1748
 Delta R.T. -0.085 min
 Lab File: VY009599.D
 Acq: 19 Jul 2022 19:00

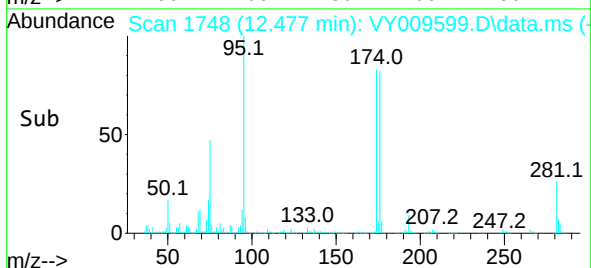
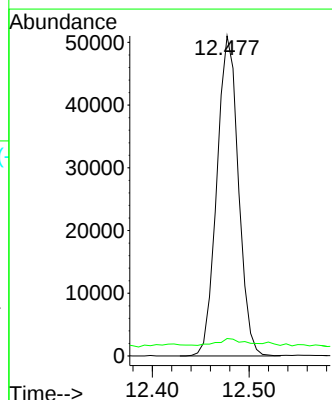
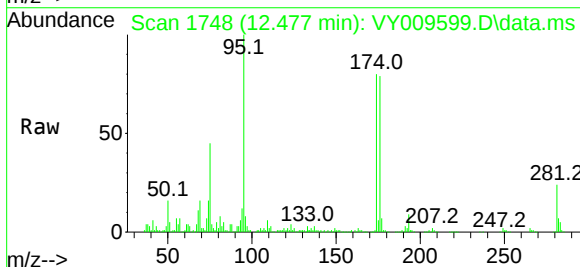
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-7-(6-12)

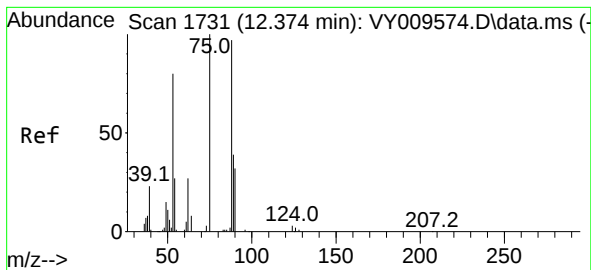
Tgt Ion: 83 Resp: 17446
 Ion Ratio Lower Upper
 83 100
 131 3.8 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 38.742 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009599.D
 Acq: 19 Jul 2022 19:00

Tgt Ion: 75 Resp: 79026
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.391 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009599.D
 Acq: 19 Jul 2022 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-7-(6-12)

Tgt Ion: 75 Resp: 79026
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.9 37.0 55.4#

