

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009591.D
 Acq On : 19 Jul 2022 15:52
 Operator : KP/MD
 Sample : N3651-02
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1-(18-24)

Quant Time: Jul 20 02:44:16 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)

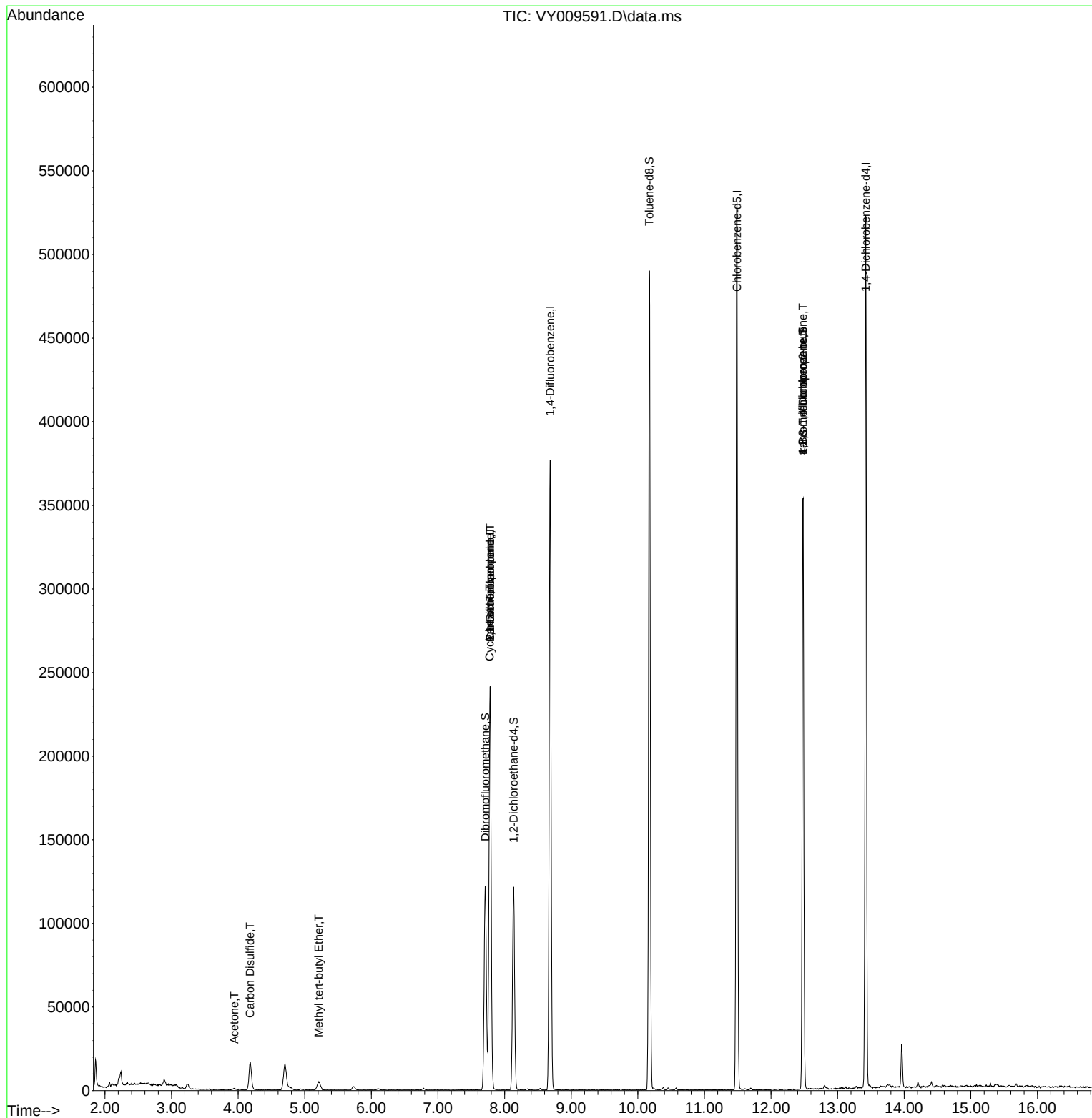
Internal Standards						
1) Pentafluorobenzene	7.783	168	197082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	301899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93359	50.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.180%	
35) Dibromofluoromethane	7.710	113	86599	41.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.380%	
50) Toluene-d8	10.173	98	322589	40.395	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 80.800%	
62) 4-Bromofluorobenzene	12.477	95	99968	38.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 77.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1195	Below Cal	#	77
16) Acetone	3.942	43	1477	3.132	ug/l #	89
17) Carbon Disulfide	4.180	76	33161	5.886	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	8005	1.676	ug/l	96
20) Methylene Chloride	4.704	84	11677	Below Cal	#	81
31) Cyclohexane	7.777	56	4274	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13498	4.397	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18149	5.648	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	50351	39.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50351	77.119	ug/l #	7

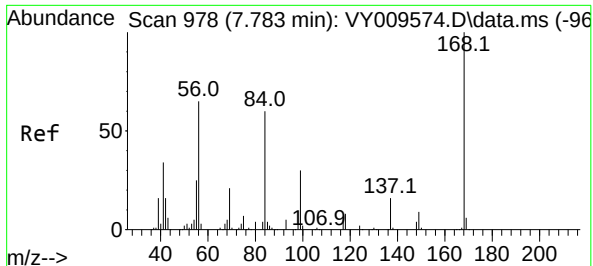
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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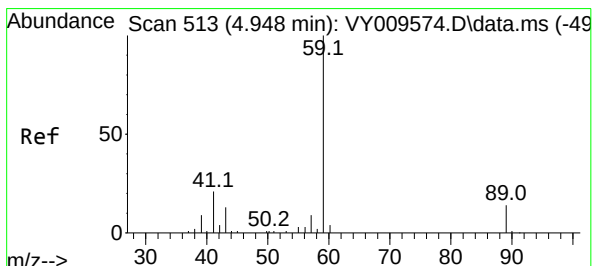
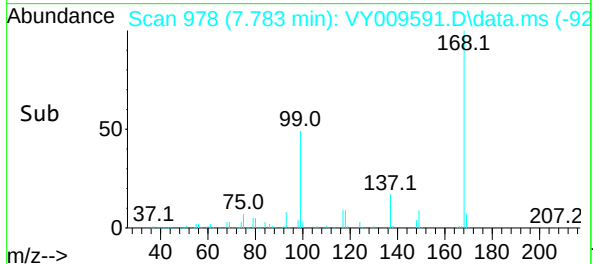
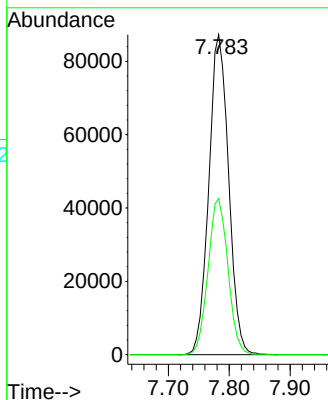
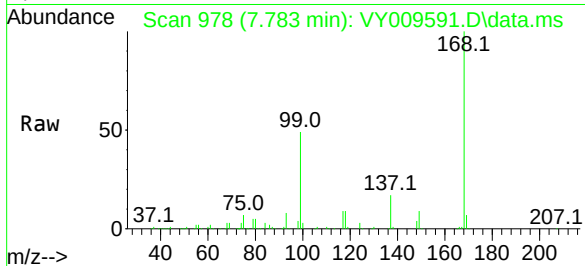




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

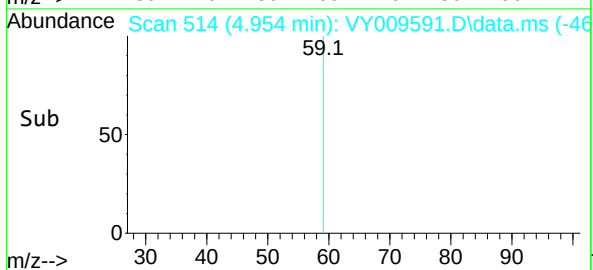
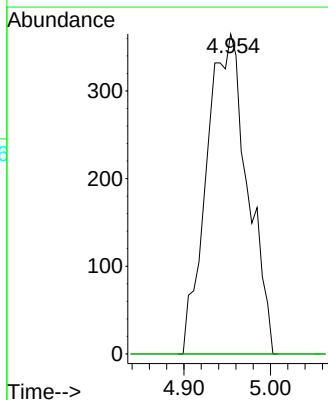
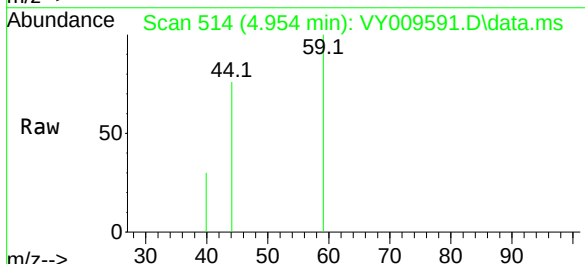
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(18-24)

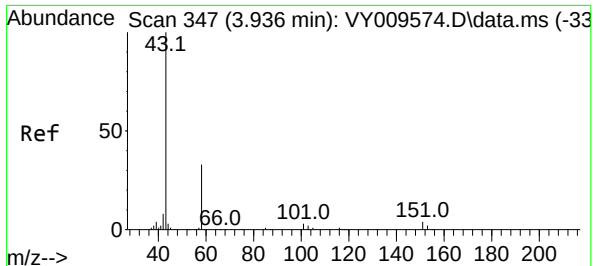
Tgt Ion:168 Resp: 197082
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion: 59 Resp: 1195
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

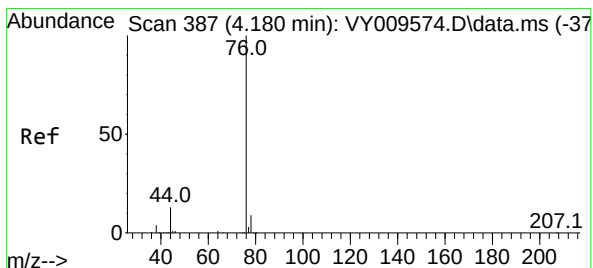
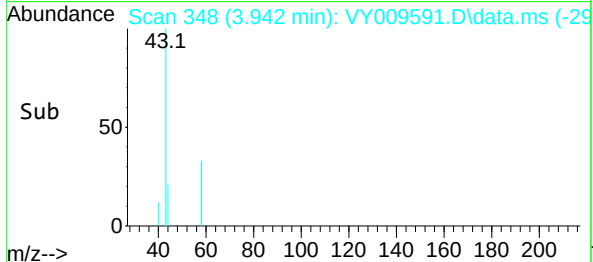
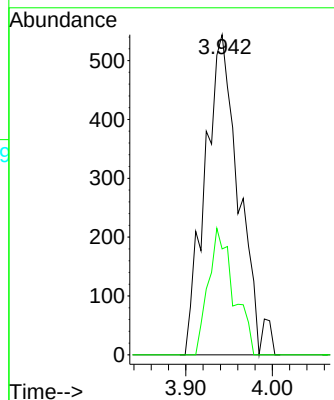
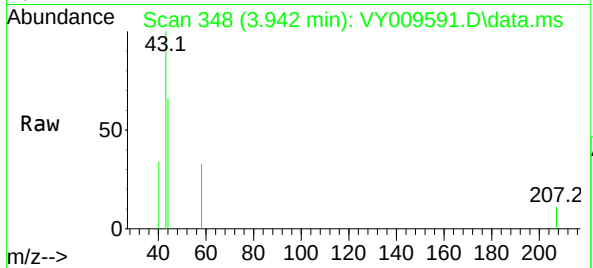




#16
Acetone
Concen: 3.132 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

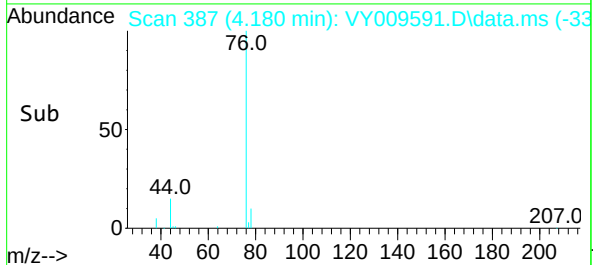
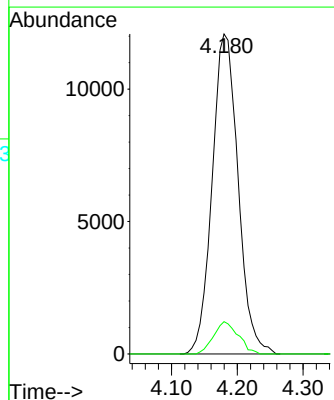
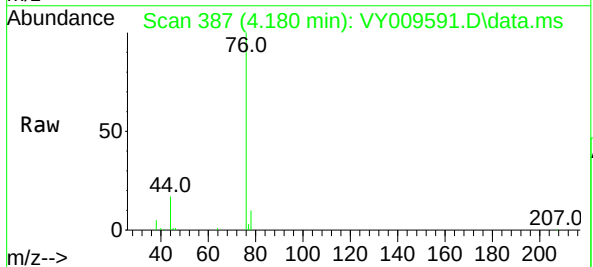
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(18-24)

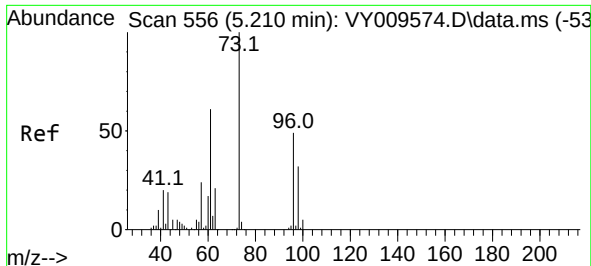
Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#



#17
Carbon Disulfide
Concen: 5.886 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion: 76 Resp: 33161
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0





#19

Methyl tert-butyl Ether

Concen: 1.676 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY009591.D

Acq: 19 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

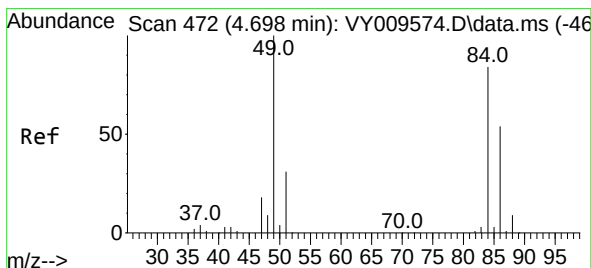
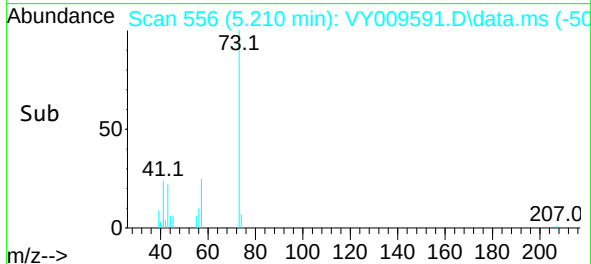
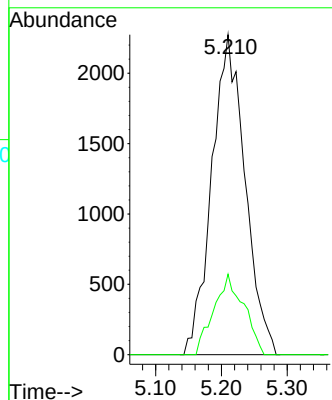
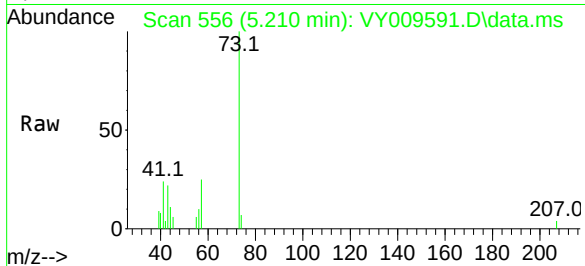
SED-1-(18-24)

Tgt Ion: 73 Resp: 8005

Ion Ratio Lower Upper

73 100

57 25.2 18.6 27.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009591.D

Acq: 19 Jul 2022 15:52

Tgt Ion: 84 Resp: 11677

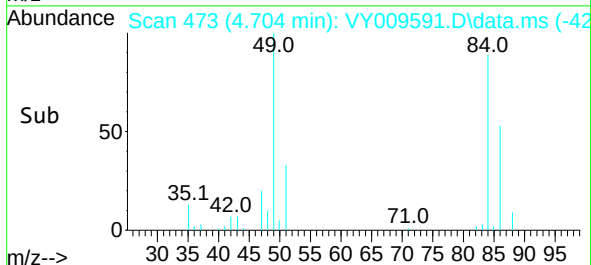
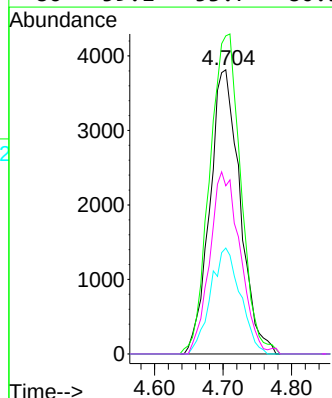
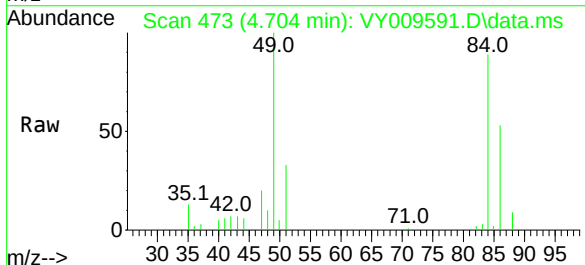
Ion Ratio Lower Upper

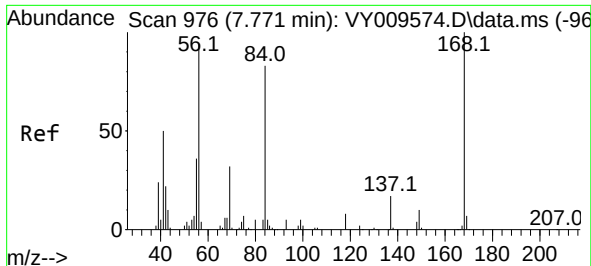
84 100

49 111.9 114.4 171.6#

51 37.2 35.3 52.9

86 59.1 53.7 80.5

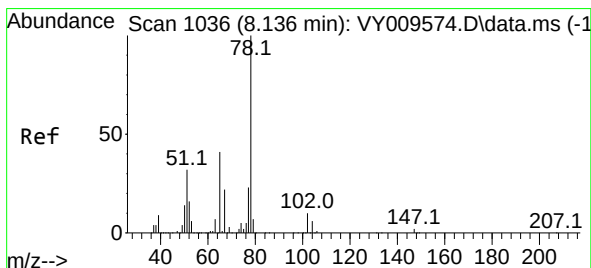
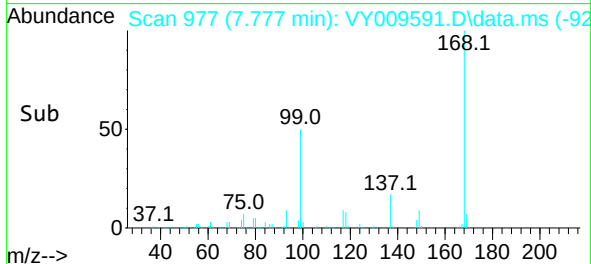
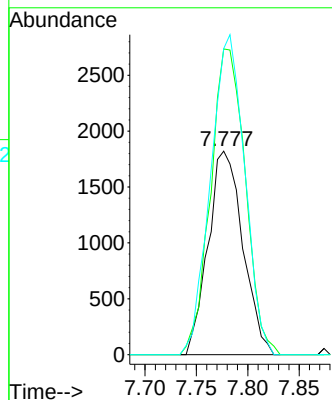
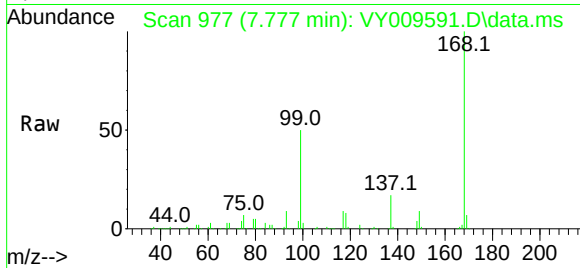




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

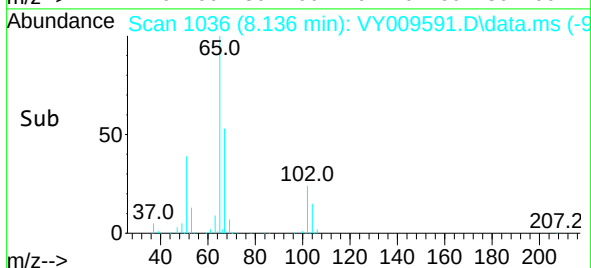
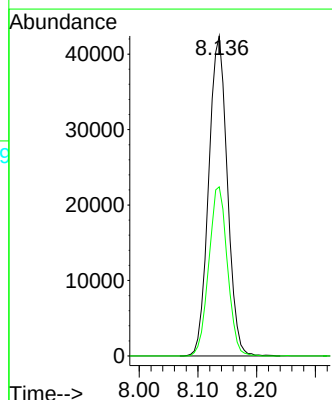
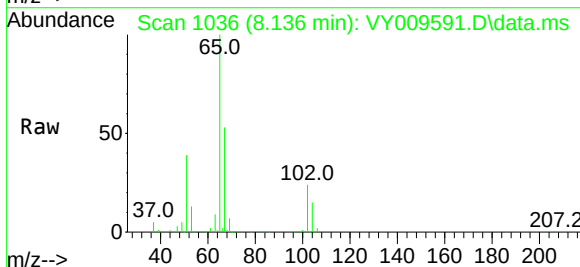
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(18-24)

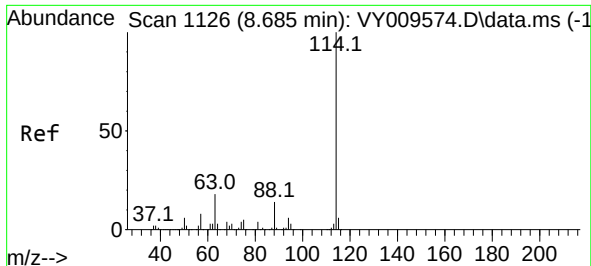
Tgt Ion: 56 Resp: 4274
Ion Ratio Lower Upper
56 100
69 150.2 26.7 40.1#
84 150.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.088 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion: 65 Resp: 93359
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009591.D

Acq: 19 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

SED-1-(18-24)

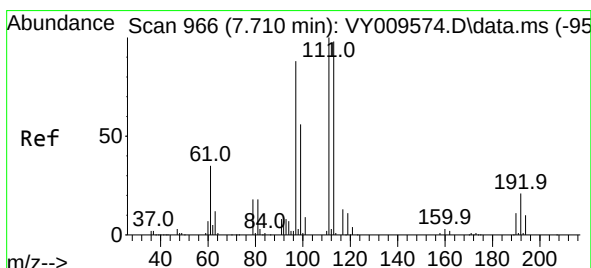
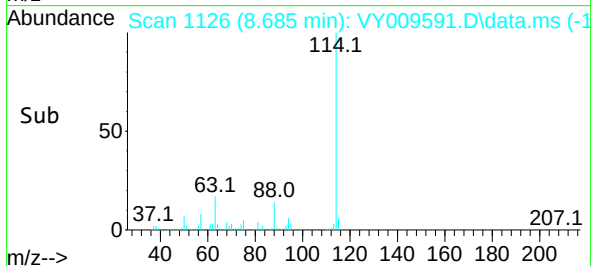
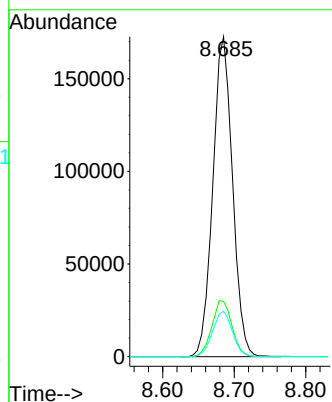
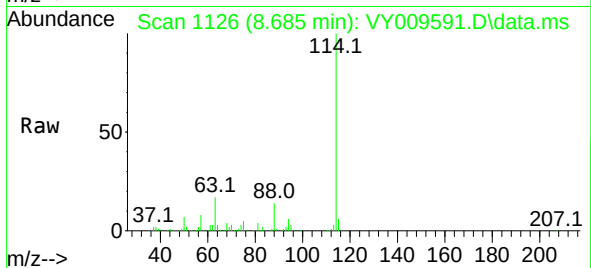
Tgt Ion:114 Resp: 329736

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.688 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009591.D

Acq: 19 Jul 2022 15:52

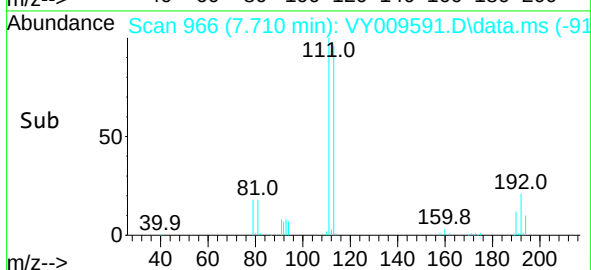
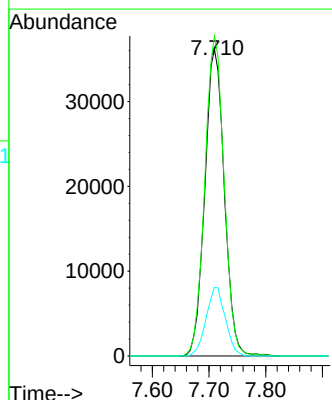
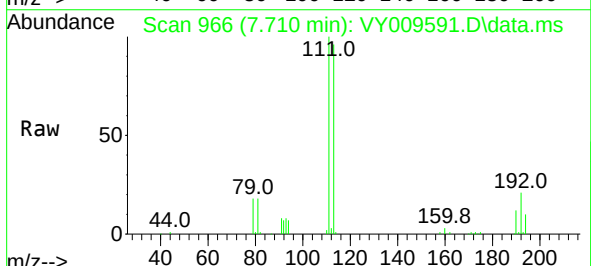
Tgt Ion:113 Resp: 86599

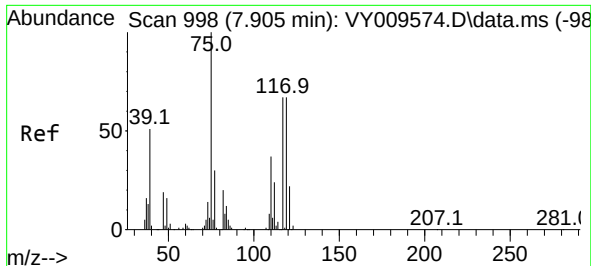
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.9 17.6 26.4

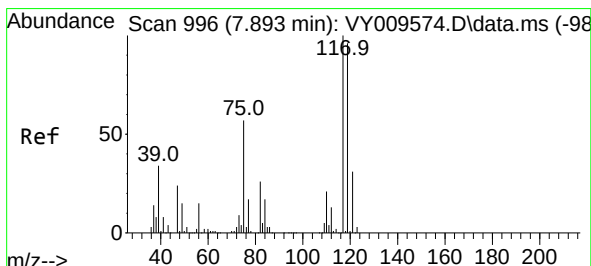
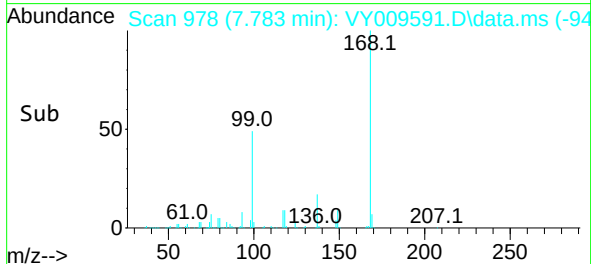
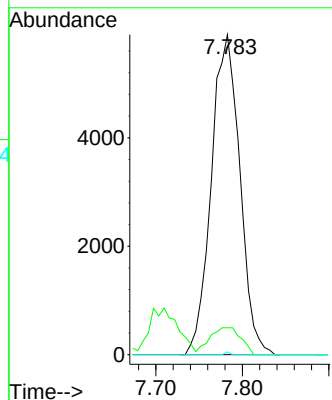
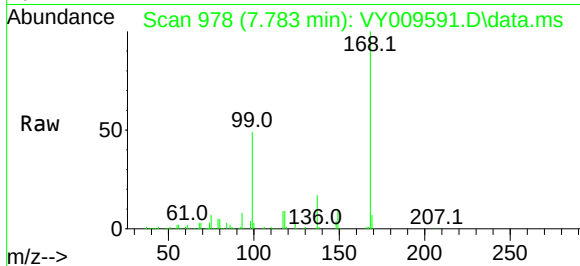




#36
1,1-Dichloropropene
Concen: 4.397 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

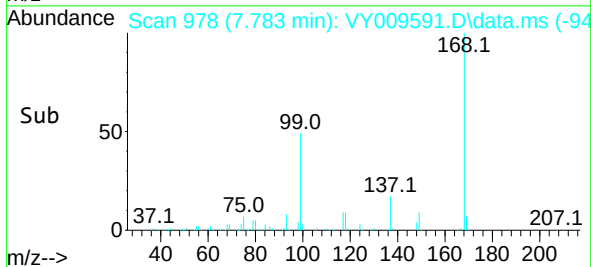
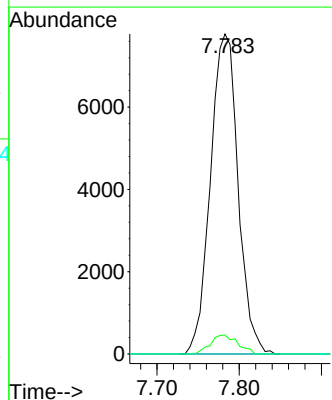
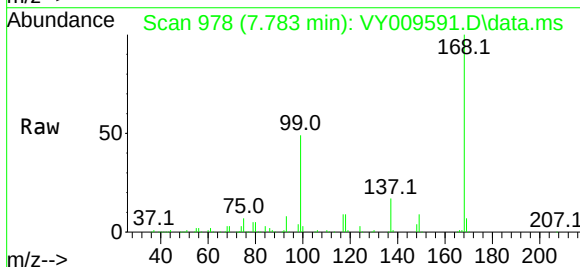
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SED-1-(18-24)

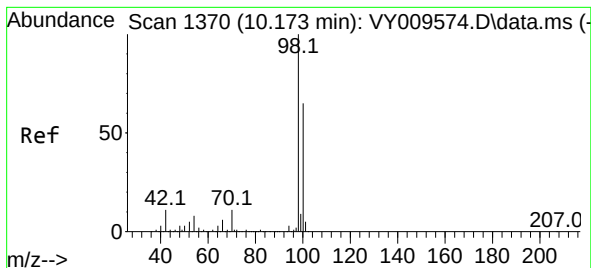
Tgt Ion: 75 Resp: 13498
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion: 117 Resp: 18149
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

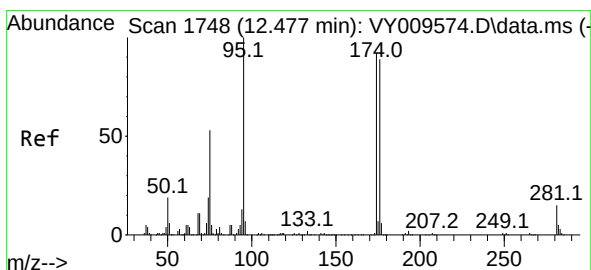
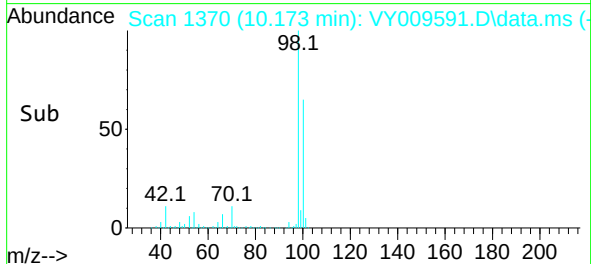
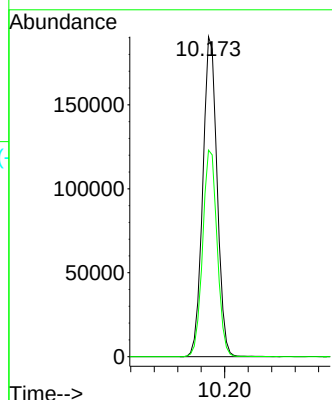
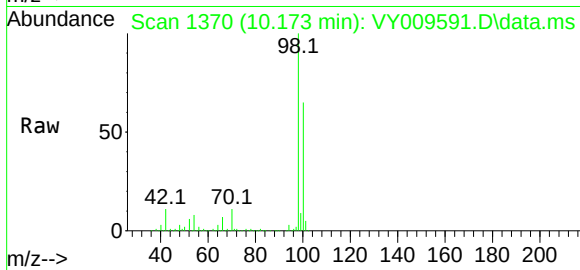




#50
Toluene-d8
Concen: 40.395 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

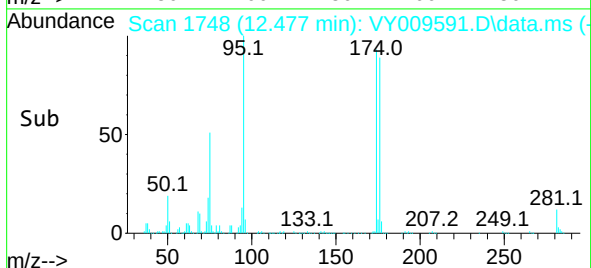
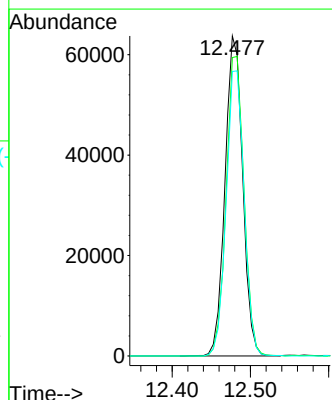
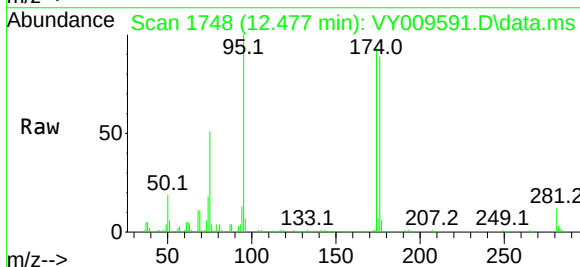
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(18-24)

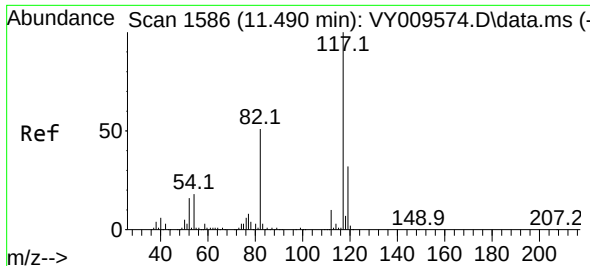
Tgt Ion: 98 Resp: 322589
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.633 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion: 95 Resp: 99968
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 90.5 0.0 175.8

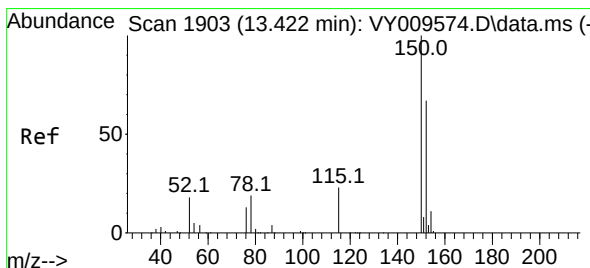
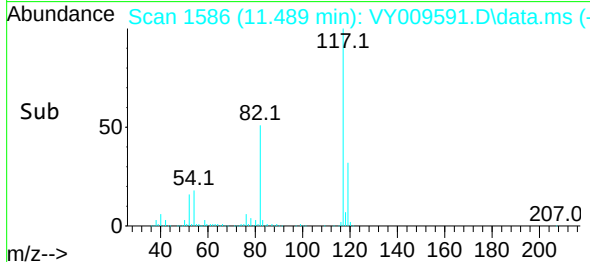
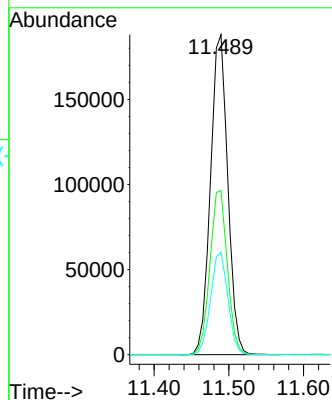
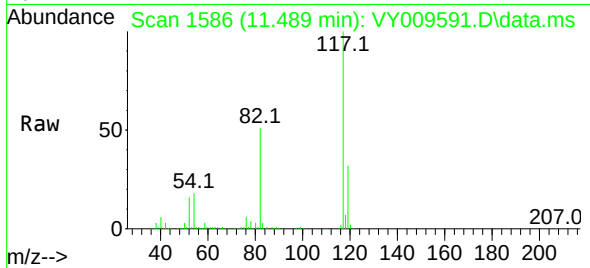




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

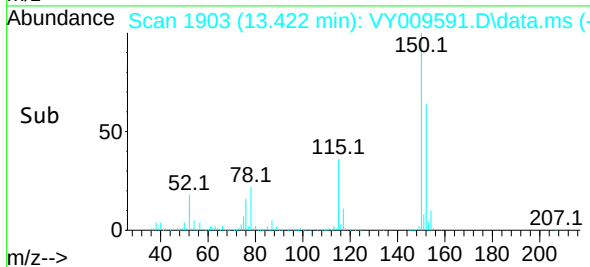
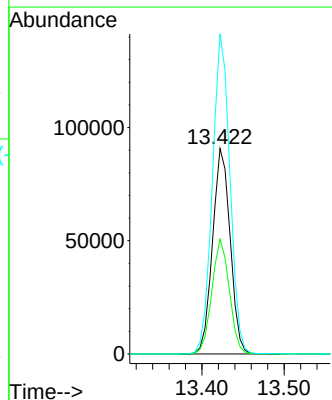
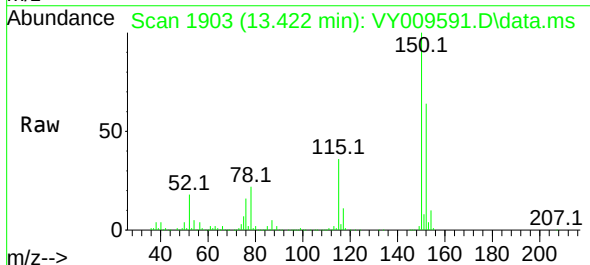
Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(18-24)

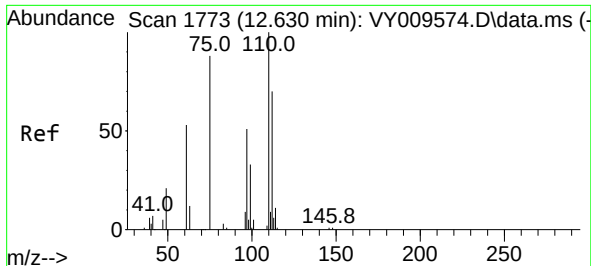
Tgt Ion:117 Resp: 301899
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion:152 Resp: 135142
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 155.1 0.0 347.6

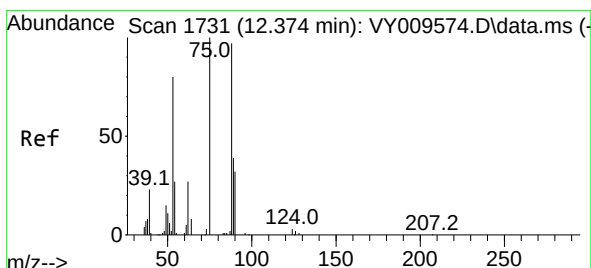
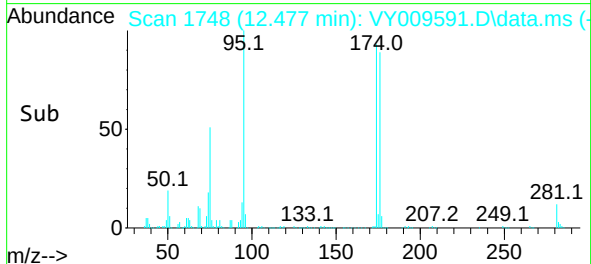
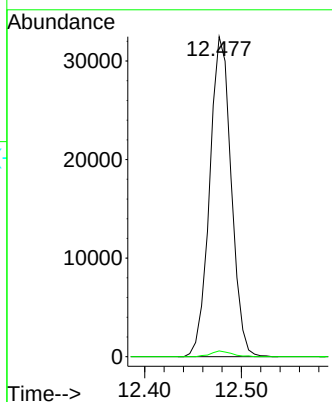
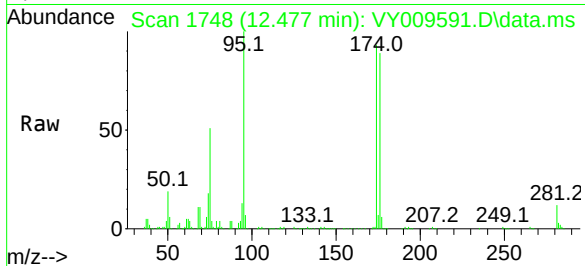




#76
1,2,3-Trichloropropane
Concen: 39.111 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Instrument :
MSVOA_Y
ClientSampleId :
SED-1-(18-24)

Tgt Ion: 75 Resp: 50351
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.119 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009591.D
Acq: 19 Jul 2022 15:52

Tgt Ion: 75 Resp: 50351
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

