

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009595.D
 Acq On : 19 Jul 2022 17:26
 Operator : KP/MD
 Sample : N3651-06
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-5-(6-12)

Quant Time: Jul 20 02:45:08 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)

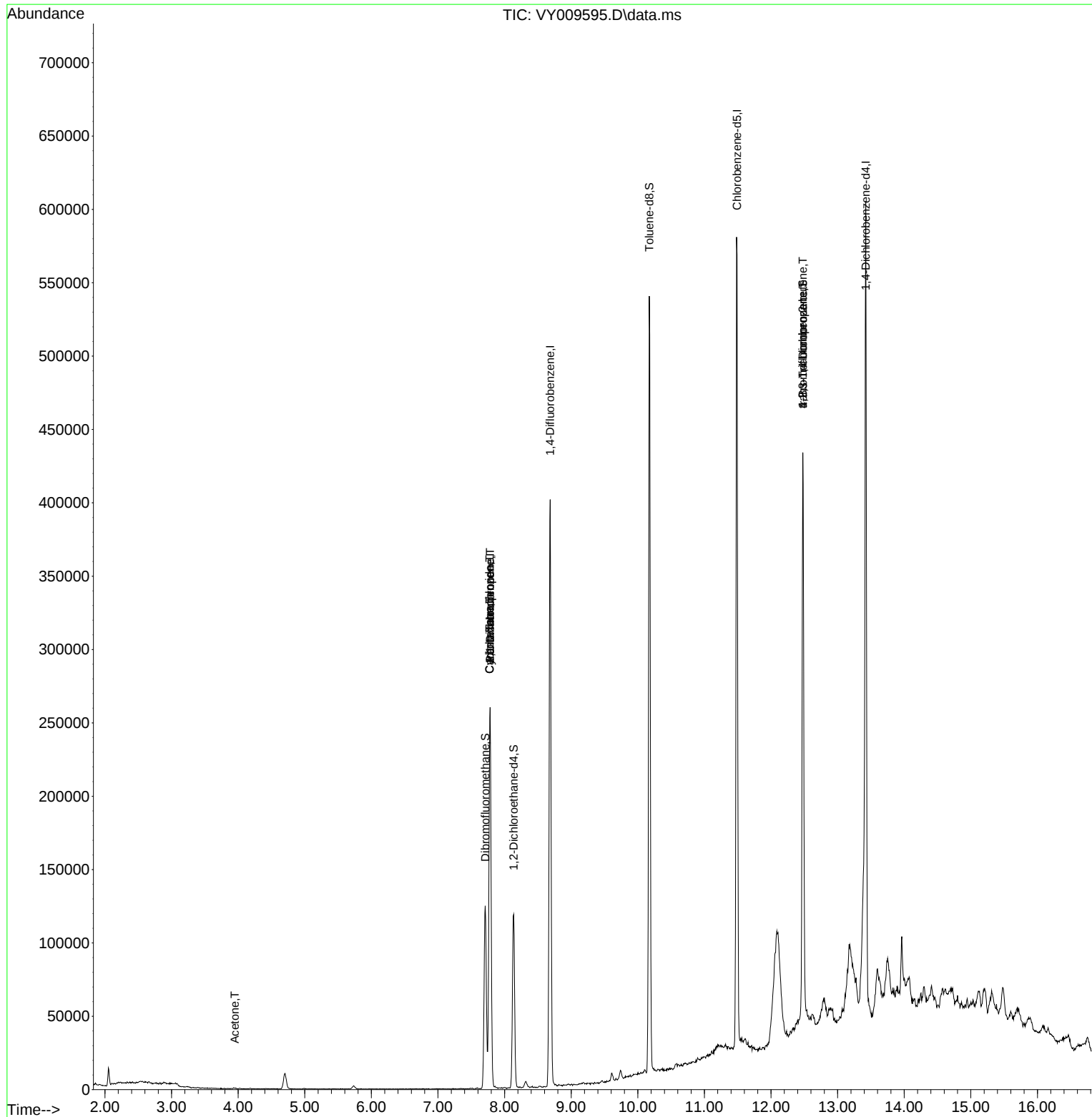
Internal Standards						
1) Pentafluorobenzene	7.783	168	216400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93129	45.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.000%
35) Dibromofluoromethane	7.710	113	90184	40.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.173	98	354549	41.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.580%
62) 4-Bromofluorobenzene	12.477	95	110255	39.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.240%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	859	1.659	ug/l	100
20) Methylene Chloride	4.704	84	8223	Below Cal	#	77
31) Cyclohexane	7.777	56	3901	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14489	4.389	ug/l #	51
38) Carbon Tetrachloride	7.777	117	19654	5.688	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53516	41.601	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53516	82.029	ug/l #	8

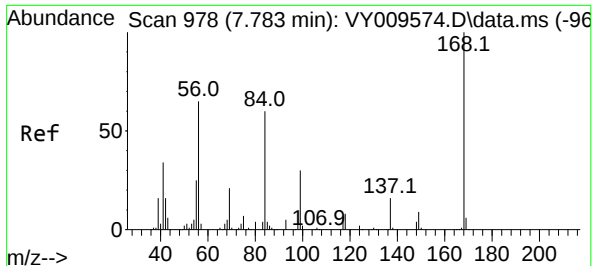
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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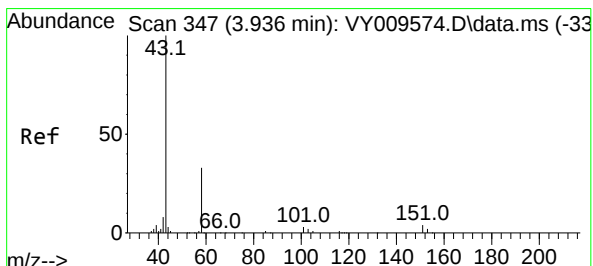
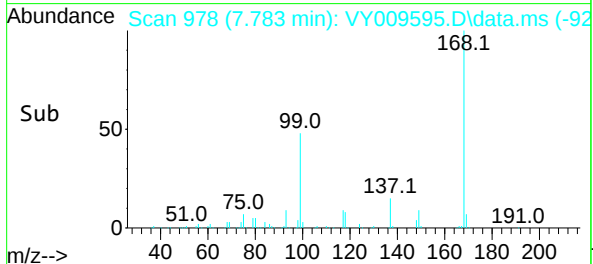
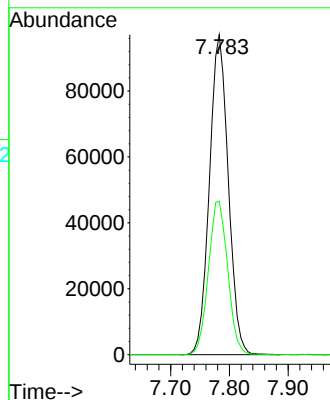
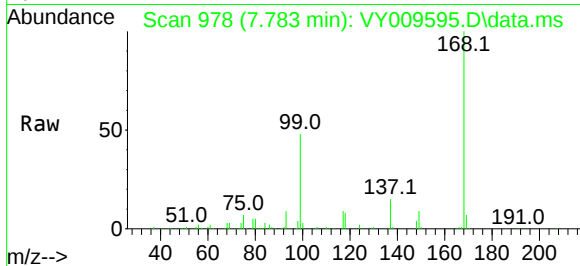




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

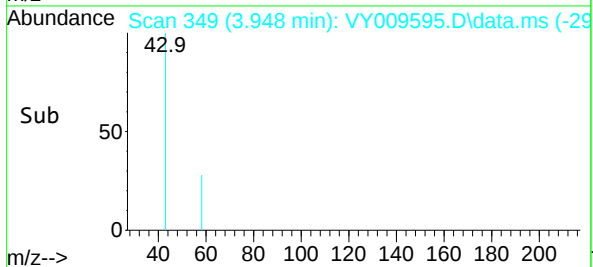
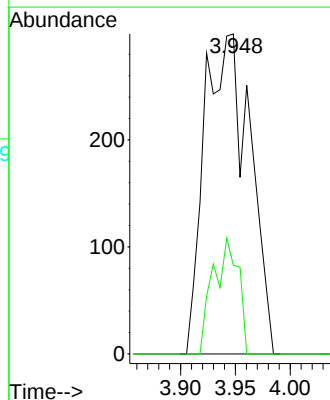
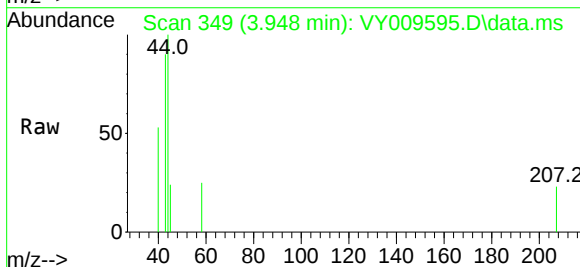
Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(6-12)

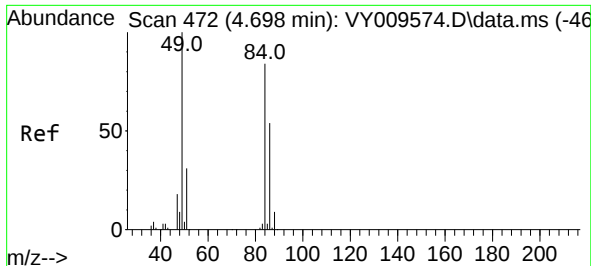
Tgt Ion:168 Resp: 216400
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#16
Acetone
Concen: 1.659 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

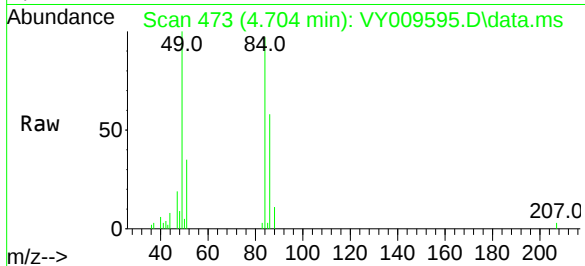
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0





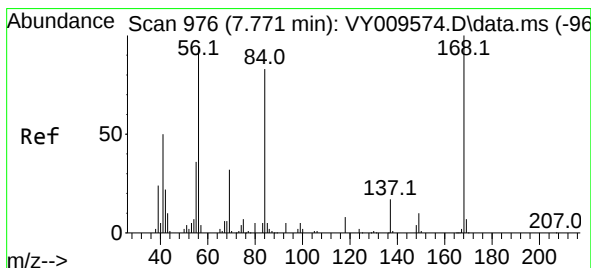
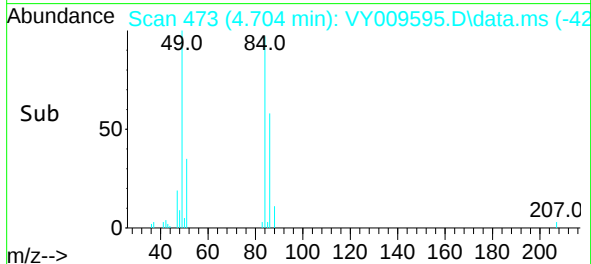
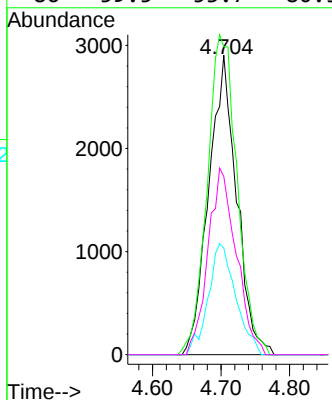
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(6-12)



Tgt Ion: 84 Resp: 8223

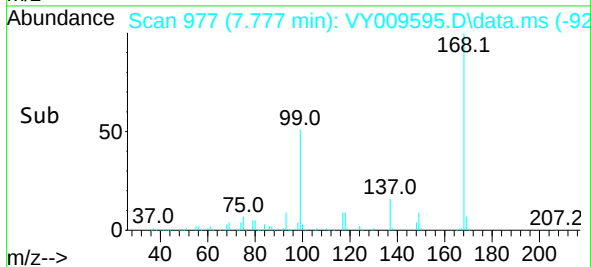
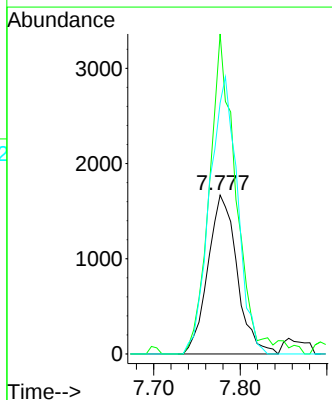
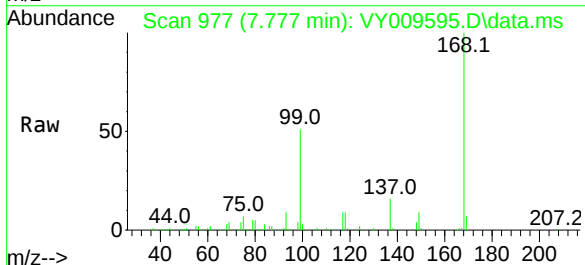
Ion	Ratio	Lower	Upper
84	100		
49	102.8	114.4	171.6#
51	35.7	35.3	52.9
86	59.5	53.7	80.5

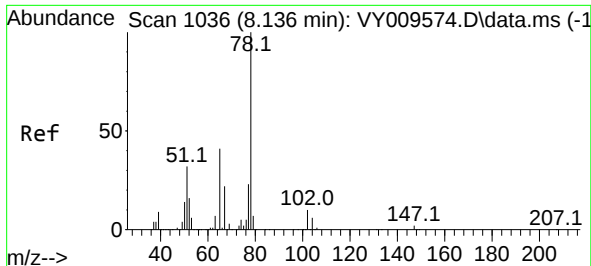


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Tgt Ion: 56 Resp: 3901

Ion	Ratio	Lower	Upper
56	100		
69	201.3	26.7	40.1#
84	157.8	67.2	100.8#

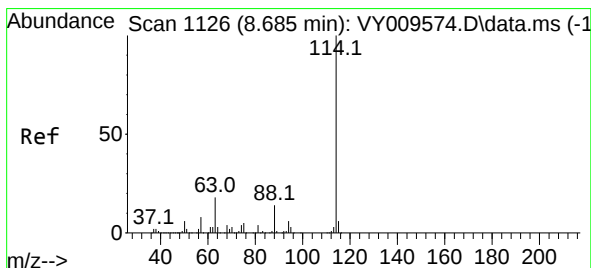
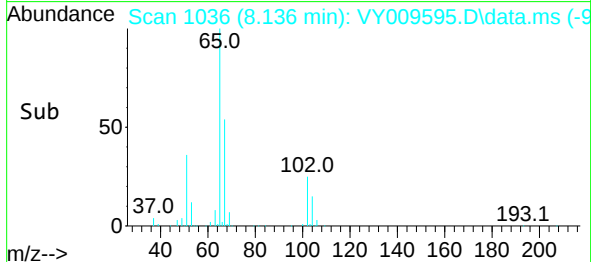
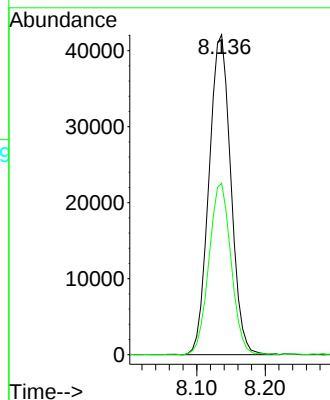
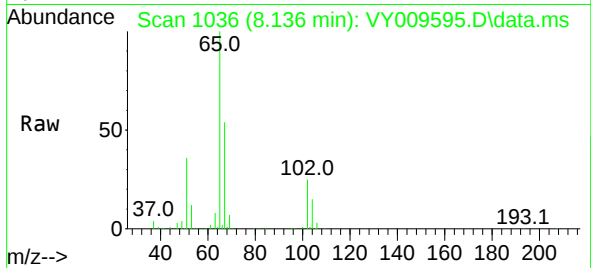




#33
 1,2-Dichloroethane-d4
 Concen: 45.504 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY009595.D
 Acq: 19 Jul 2022 17:26

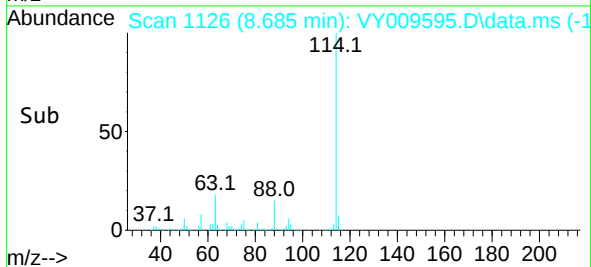
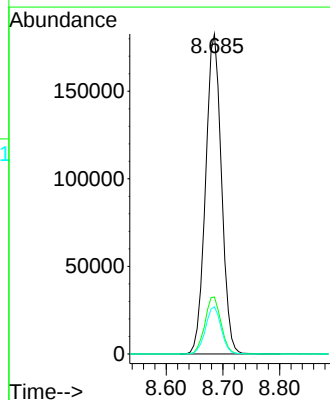
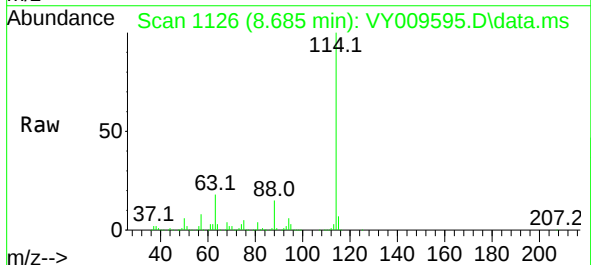
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-5-(6-12)

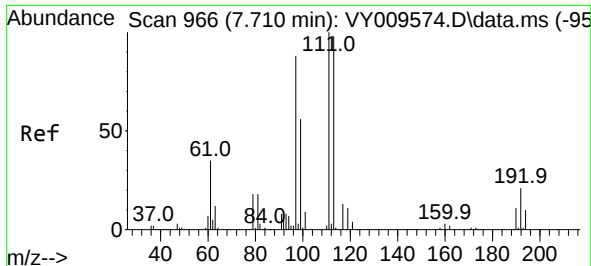
Tgt Ion: 65 Resp: 93129
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009595.D
 Acq: 19 Jul 2022 17:26

Tgt Ion: 114 Resp: 354573
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 14.8 0.0 31.8

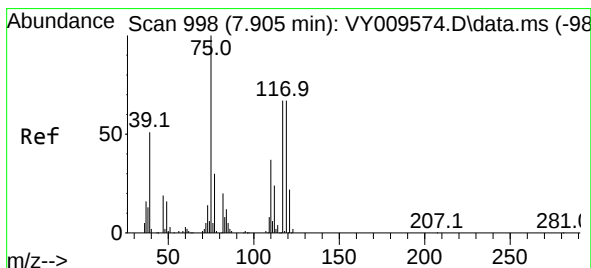
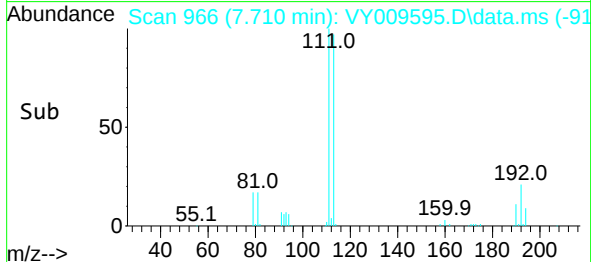
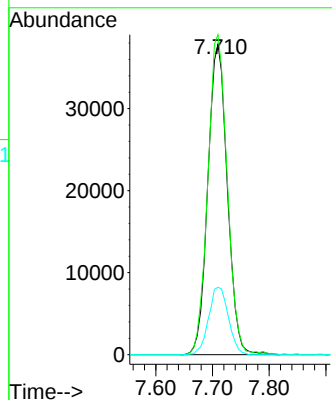
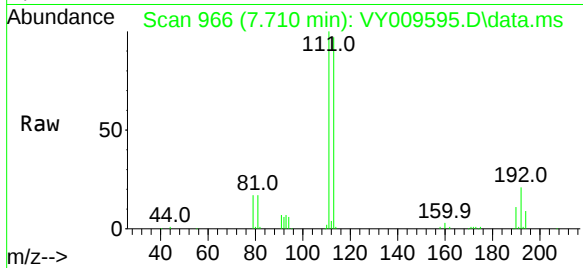




#35
Dibromofluoromethane
Concen: 40.373 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

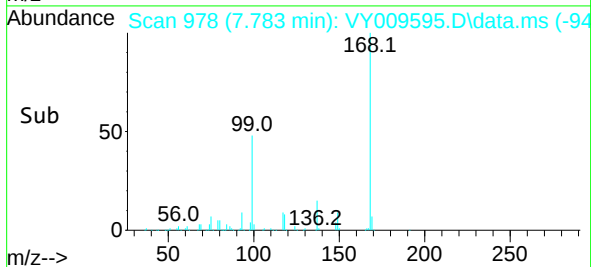
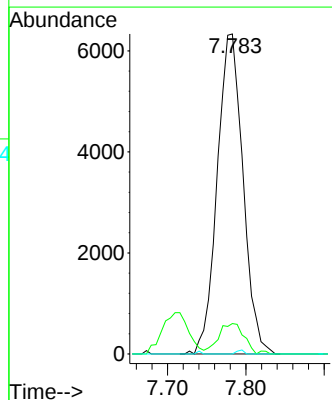
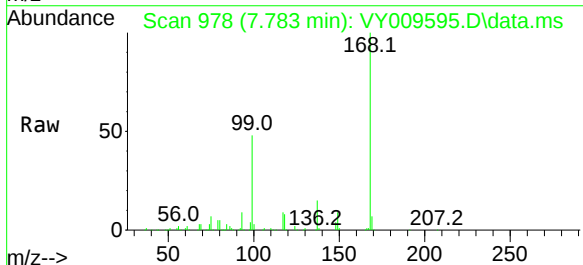
Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(6-12)

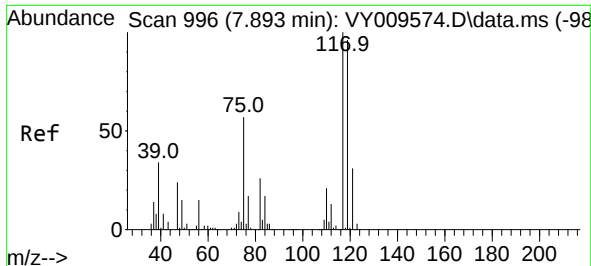
Tgt Ion:113 Resp: 90184
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.389 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Tgt Ion: 75 Resp: 14489
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.3 24.4 36.6#

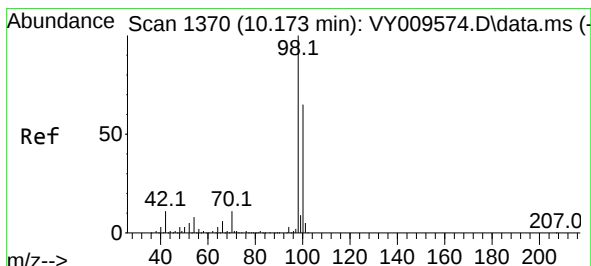
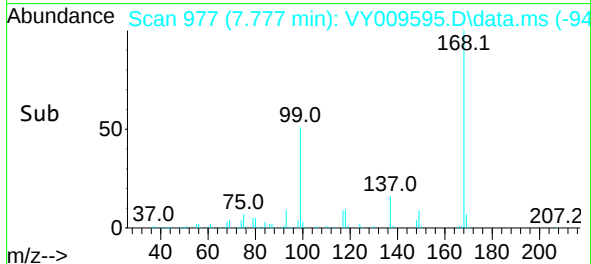
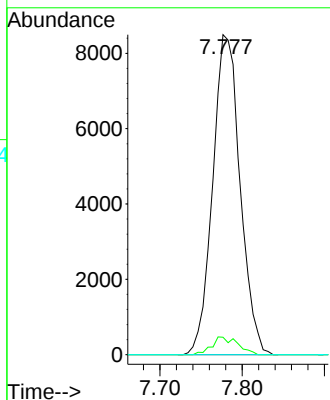
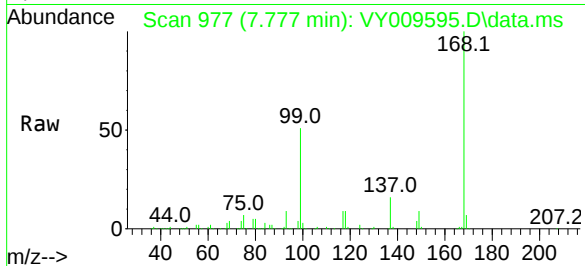




#38
Carbon Tetrachloride
Concen: 5.688 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

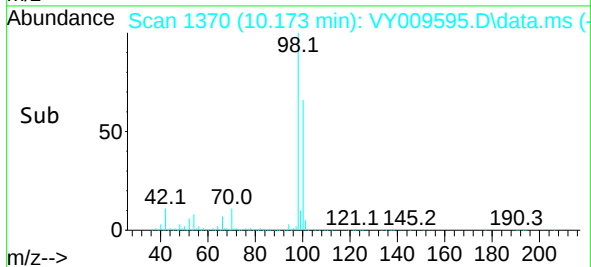
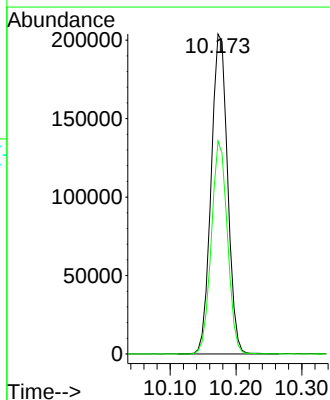
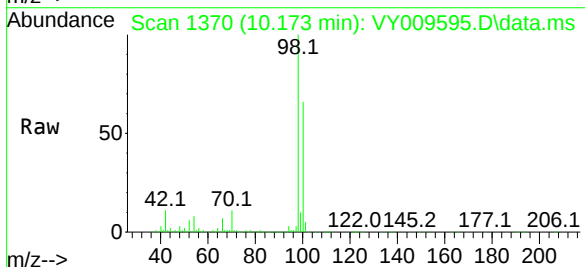
Instrument :
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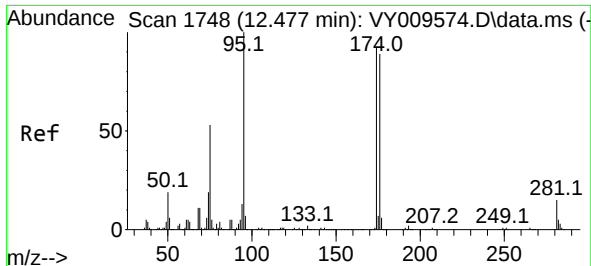
Tgt Ion:117 Resp: 19654
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.287 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Tgt Ion: 98 Resp: 354549
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

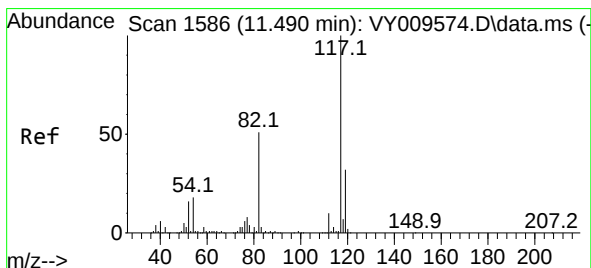
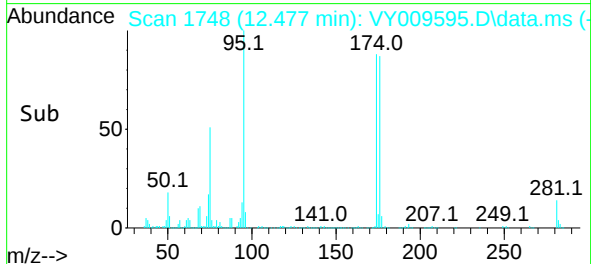
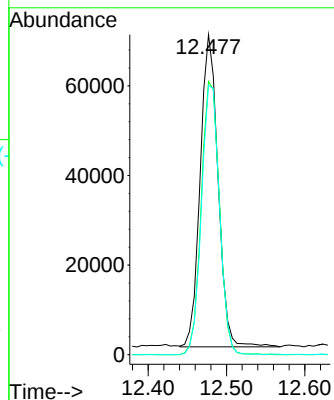
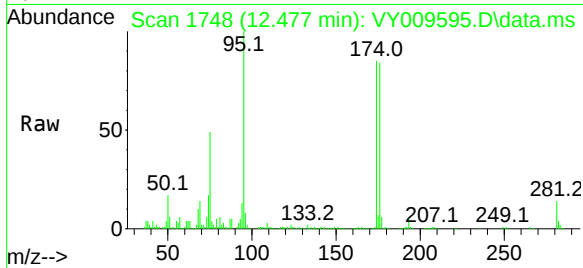




#62
4-Bromofluorobenzene
Concen: 39.623 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

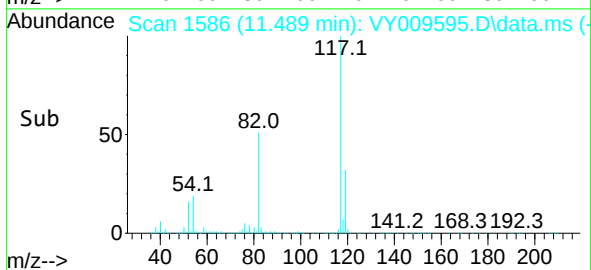
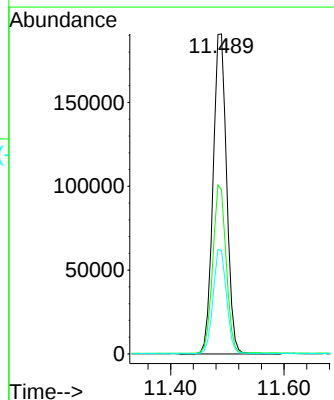
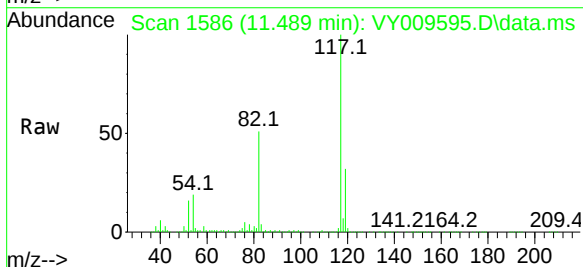
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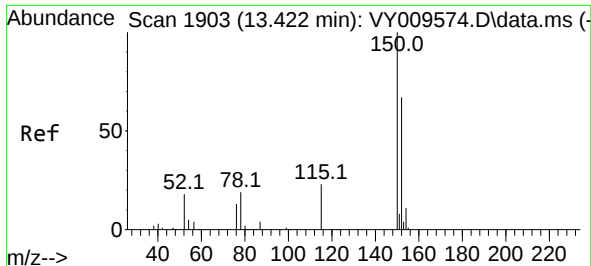
Tgt Ion: 95 Resp: 110255
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 87.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Tgt Ion: 117 Resp: 317342
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.1 25.4 38.0

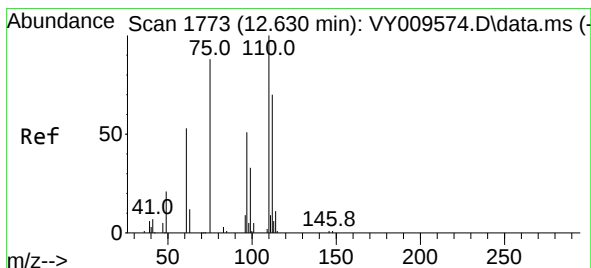
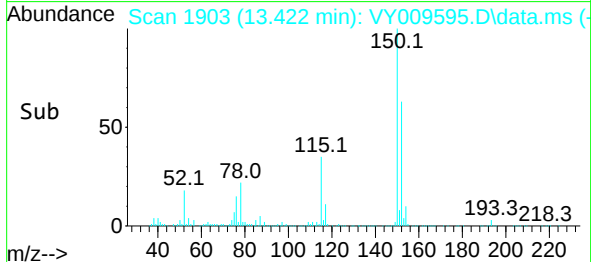
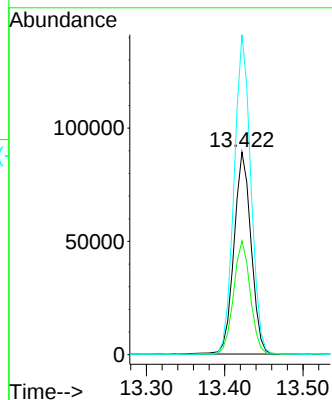
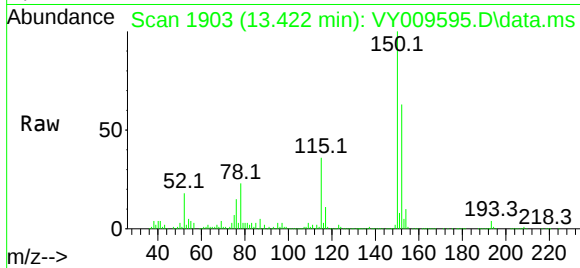




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009595.D
 Acq: 19 Jul 2022 17:26

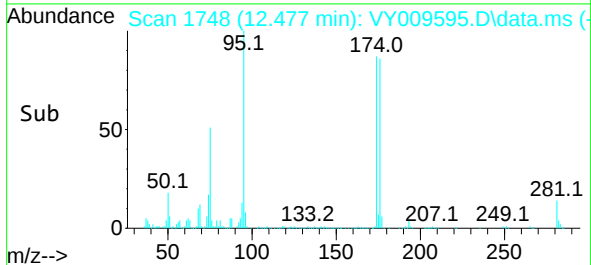
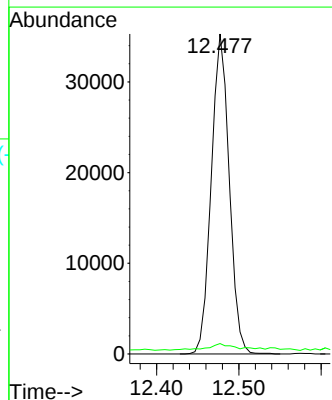
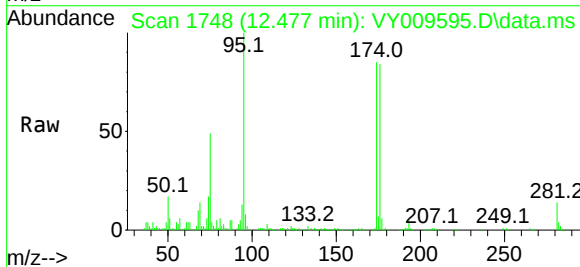
Instrument :
 MSVOA_Y
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 SED-5-(6-12)

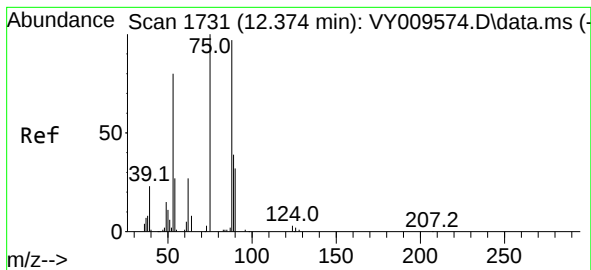
Tgt Ion:152 Resp: 135040
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 154.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.601 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009595.D
 Acq: 19 Jul 2022 17:26

Tgt Ion: 75 Resp: 53516
 Ion Ratio Lower Upper
 75 100
 77 2.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.029 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009595.D
 Acq: 19 Jul 2022 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-5-(6-12)

Tgt Ion: 75 Resp: 53516
 Ion Ratio Lower Upper
 75 100
 53 0.7 85.3 127.9#
 89 0.3 37.0 55.4#

