

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019509.D
 Acq On : 11 Sep 2024 15:19
 Operator : SY/MD
 Sample : P3880-03
 Misc : 6.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:32:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

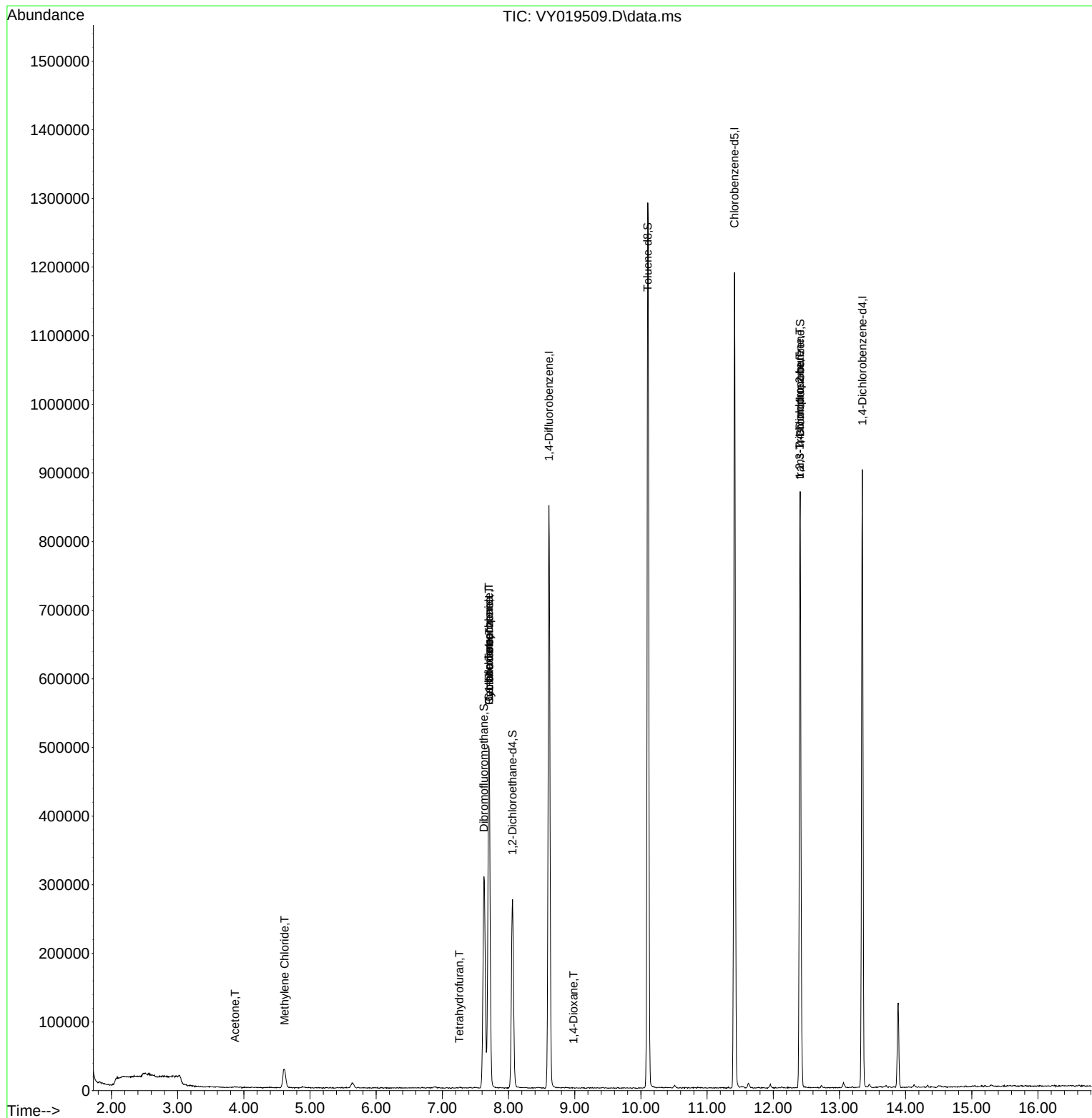
Internal Standards						
1) Pentafluorobenzene	7.707	168	371889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	708715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	613712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	215142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219536	63.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.500%	
35) Dibromofluoromethane	7.628	113	221453	55.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.220%	
50) Toluene-d8	10.103	98	840526	56.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.408	95	266399	46.615	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	83	Below Cal	#	43
13) Acrolein	3.641	56	227	Below Cal	#	56
16) Acetone	3.866	43	1497	1.825	ug/l #	76
20) Methylene Chloride	4.616	84	20649	5.519	ug/l	90
29) Tetrahydrofuran	7.256	42	1011	1.425	ug/l #	68
31) Cyclohexane	7.707	56	9221	1.496	ug/l #	8
36) 1,1-Dichloropropene	7.701	75	32286	5.905	ug/l #	48
38) Carbon Tetrachloride	7.701	117	40446	6.560	ug/l #	16
49) 1,4-Dioxane	8.981	88	31	1.170	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	140849	69.848	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	140849	134.088	ug/l #	16

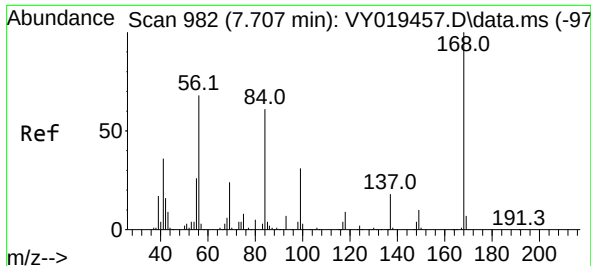
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 01:32:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

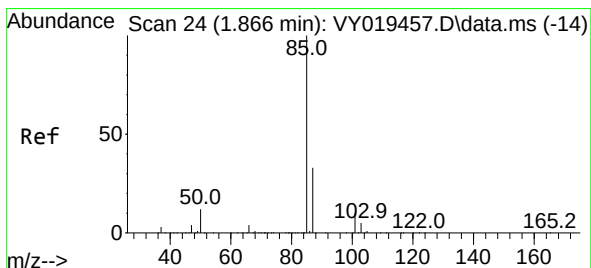
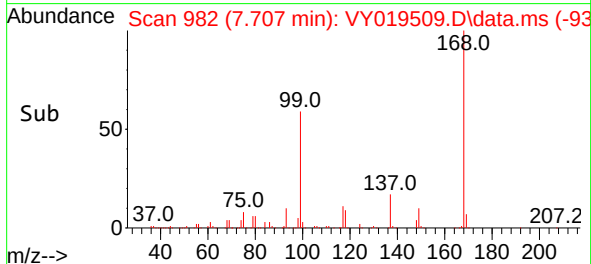
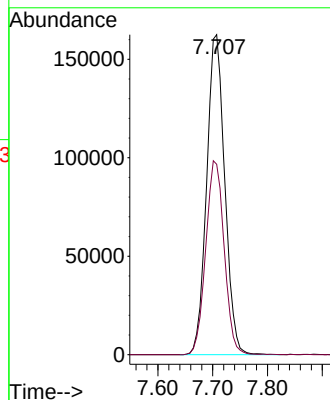
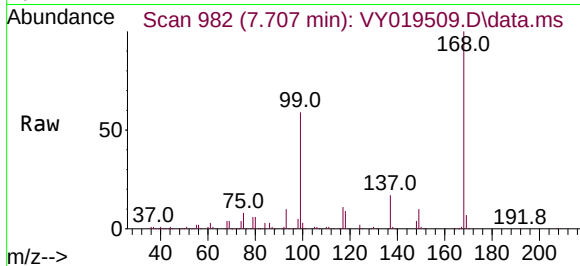




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

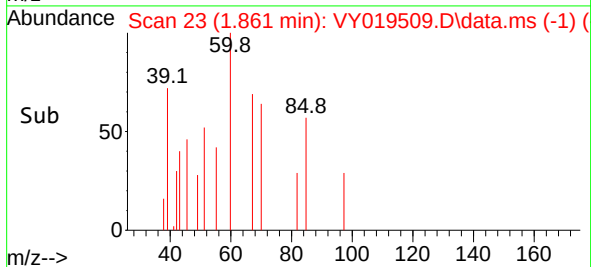
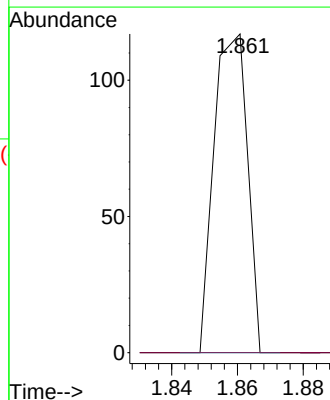
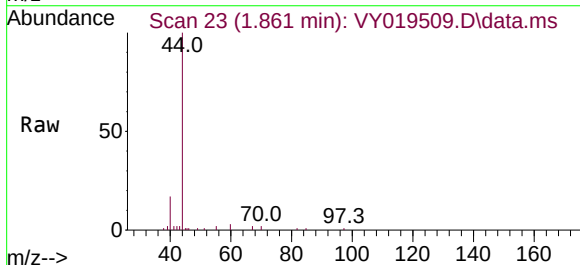
Instrument :
MSVOA_Y
ClientSampleId :

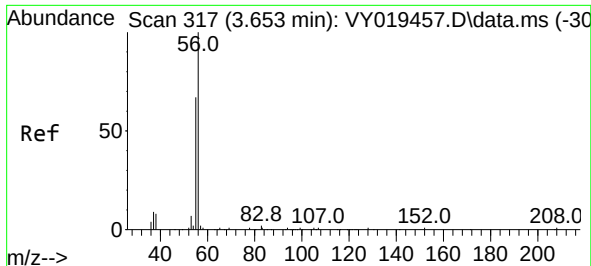
Tgt Ion:168 Resp: 371889
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

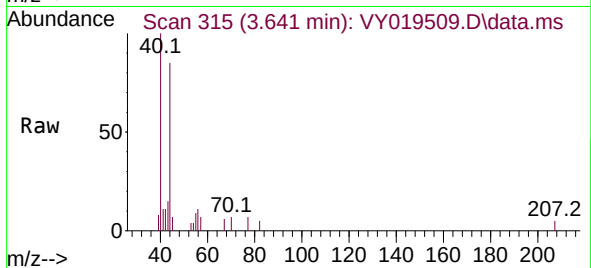
Tgt Ion: 85 Resp: 83
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



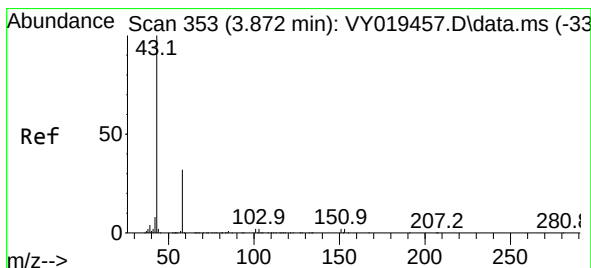
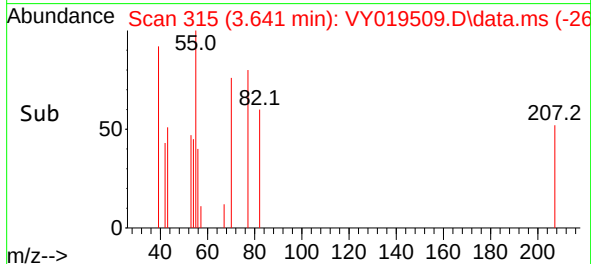
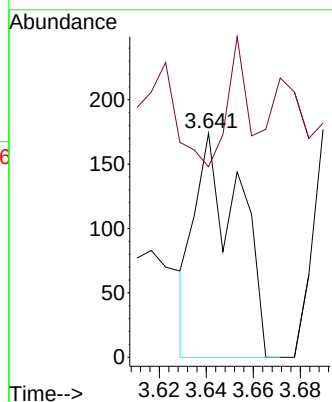


#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

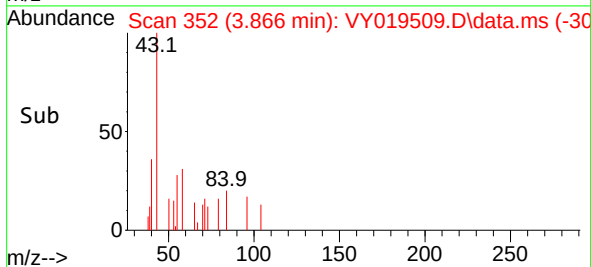
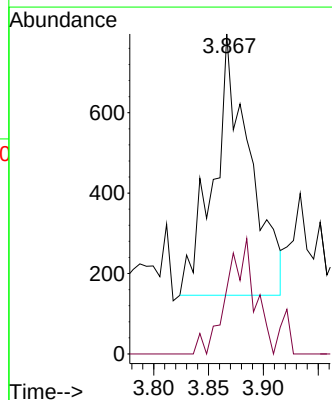
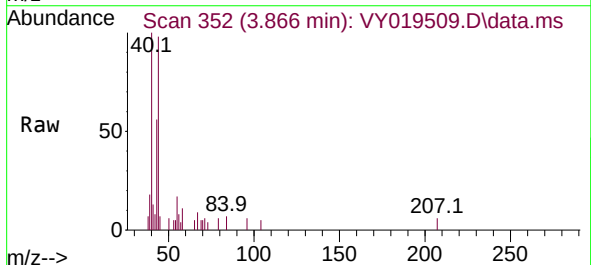


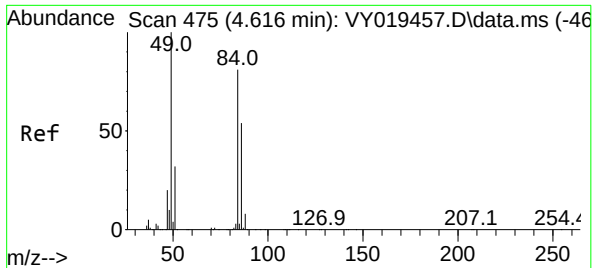
Tgt Ion: 56 Resp: 227
Ion Ratio Lower Upper
56 100
55 33.5 55.7 83.5#



#16
Acetone
Concen: 1.825 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

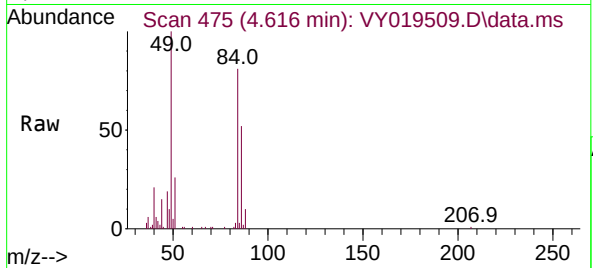
Tgt Ion: 43 Resp: 1497
Ion Ratio Lower Upper
43 100
58 24.9 31.7 47.5#



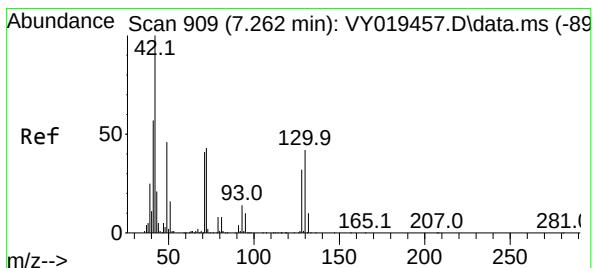
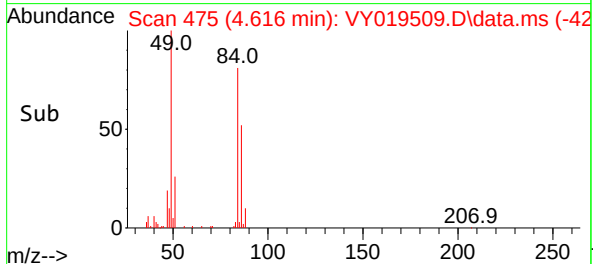
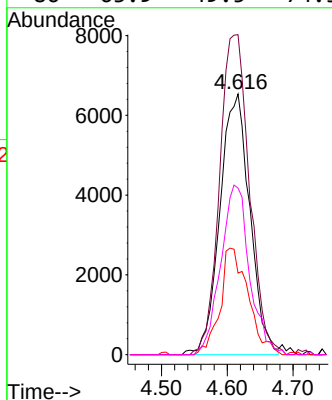


#20
Methylene Chloride
Concen: 5.519 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

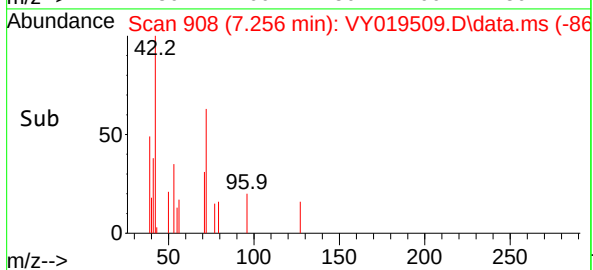
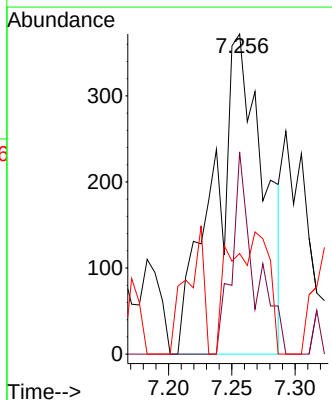
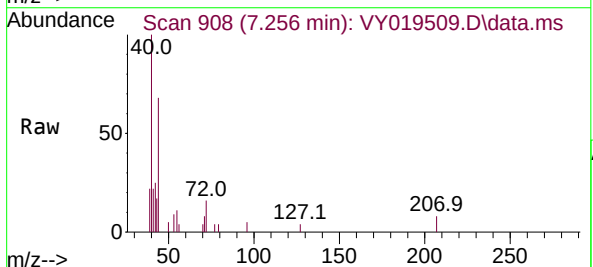


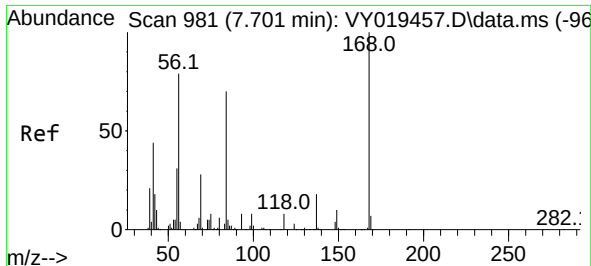
Tgt Ion:	84	Resp:	20649
Ion	Ratio	Lower	Upper
84	100		
49	122.8	84.4	126.6
51	31.3	26.0	39.0
86	63.9	49.5	74.3



#29
Tetrahydrofuran
Concen: 1.425 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

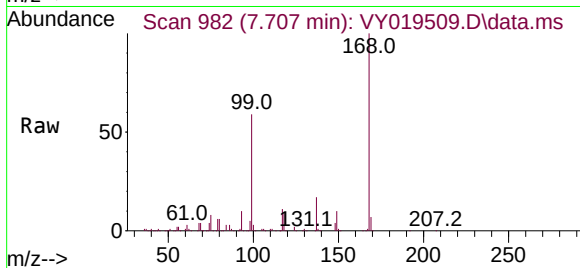
Tgt Ion:	42	Resp:	1011
Ion	Ratio	Lower	Upper
42	100		
72	29.4	43.0	64.4#
71	30.4	40.8	61.2#



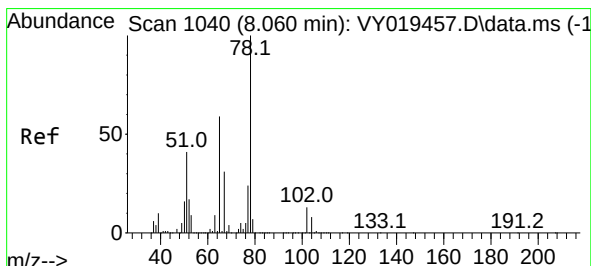
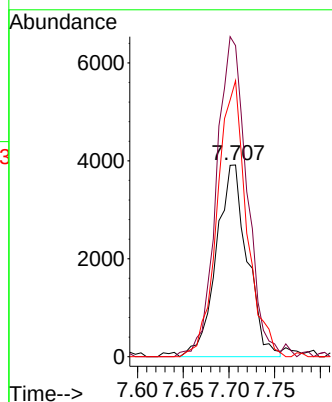
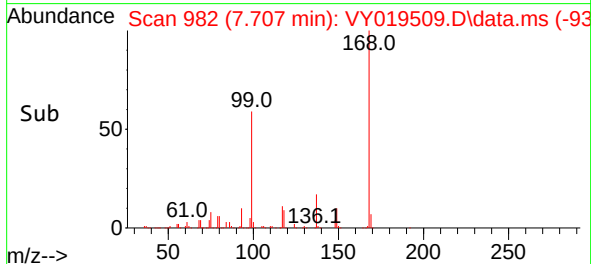


#31
Cyclohexane
Concen: 1.496 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

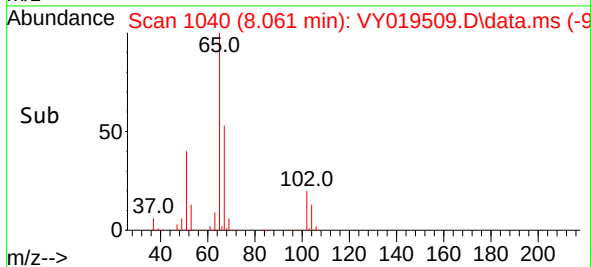
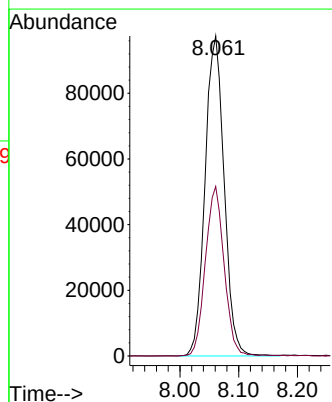
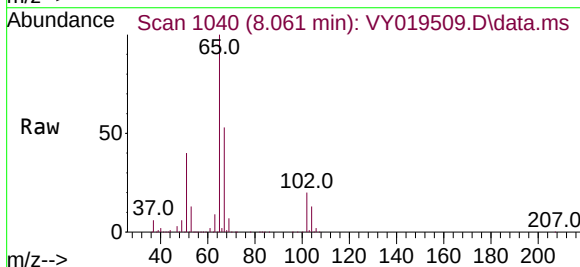


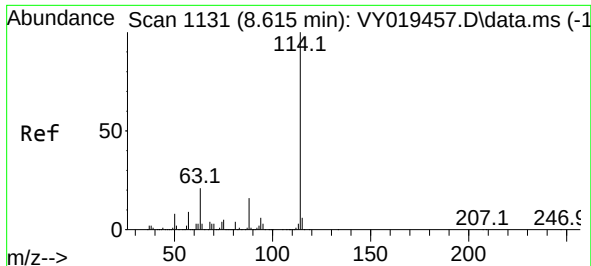
Tgt Ion: 56 Resp: 9221
Ion Ratio Lower Upper
56 100
69 160.3 28.7 43.1#
84 144.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.752 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Tgt Ion: 65 Resp: 219536
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

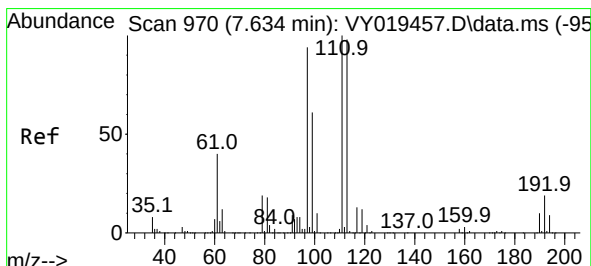
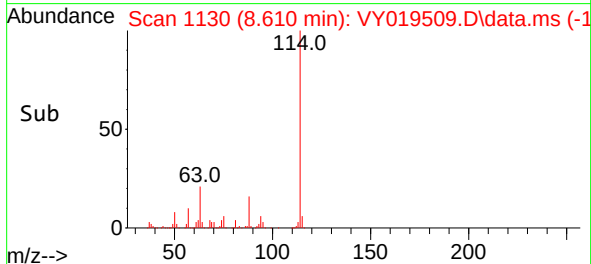
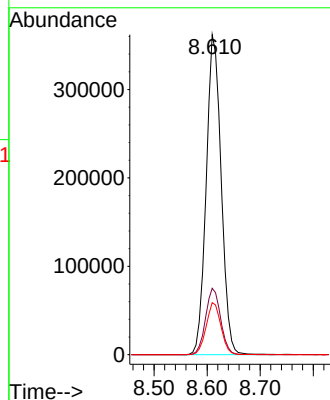
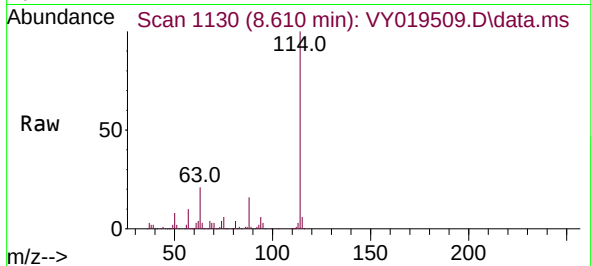




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

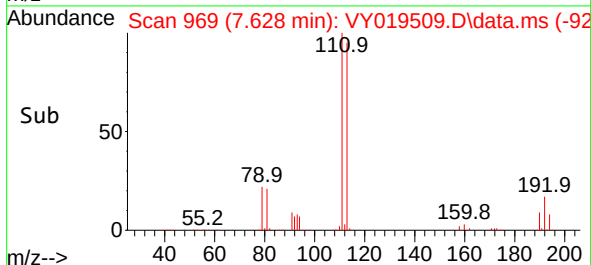
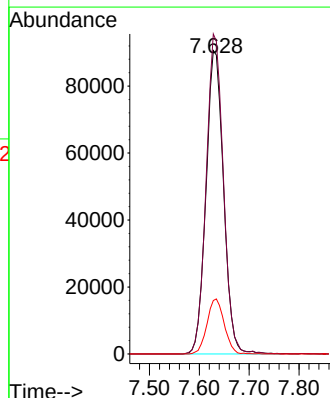
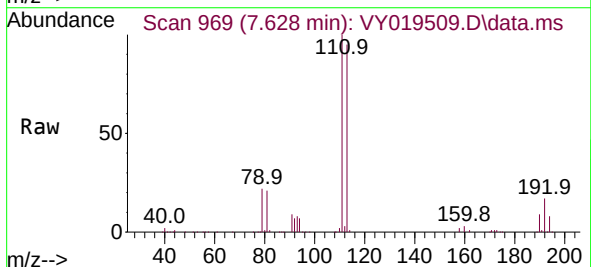
Instrument :
MSVOA_Y
ClientSampleId :

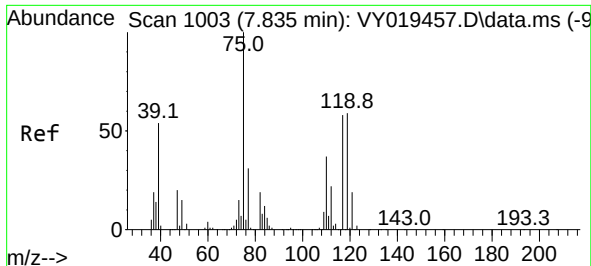
Tgt Ion:114 Resp: 708715
Ion Ratio Lower Upper
114 100
63 20.7 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.111 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Tgt Ion:113 Resp: 221453
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.8 15.9 23.9

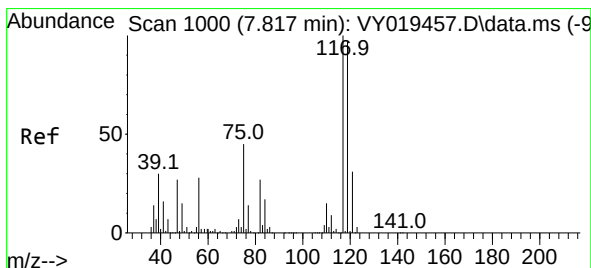
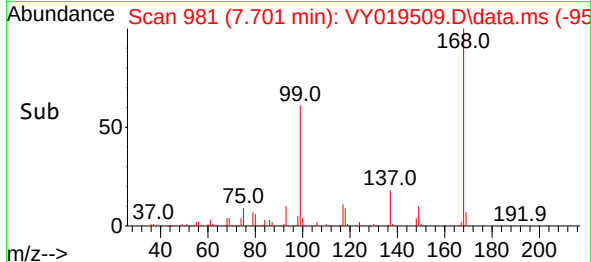
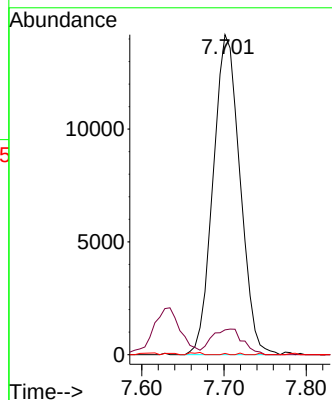
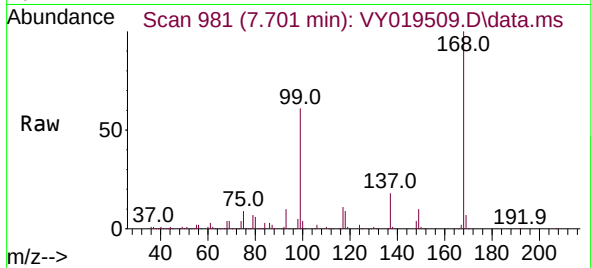




#36
1,1-Dichloropropene
Concen: 5.905 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

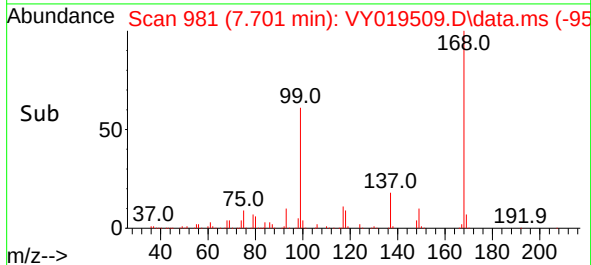
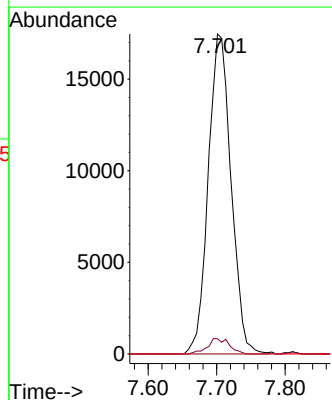
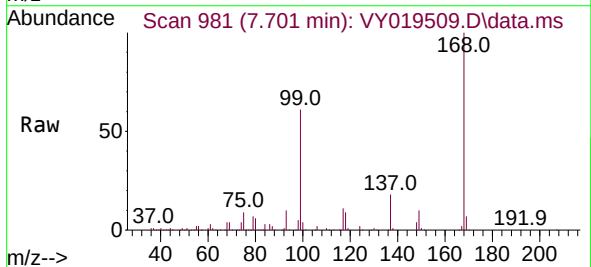
Instrument :
MSVOA_Y
ClientSampleId :

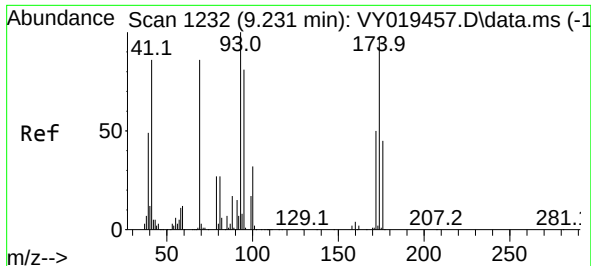
Tgt Ion: 75 Resp: 32286
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.115 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

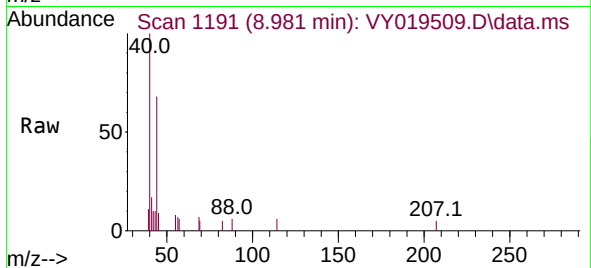
Tgt Ion: 117 Resp: 40446
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



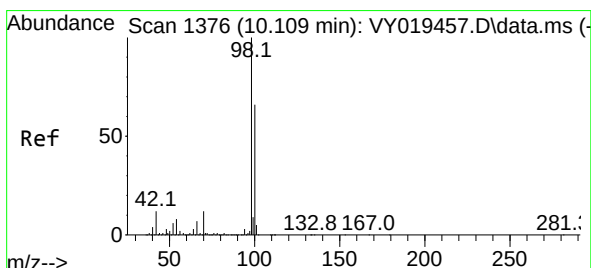
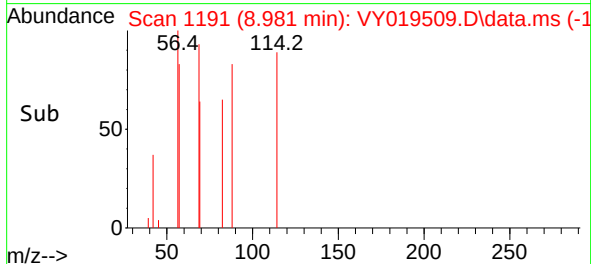
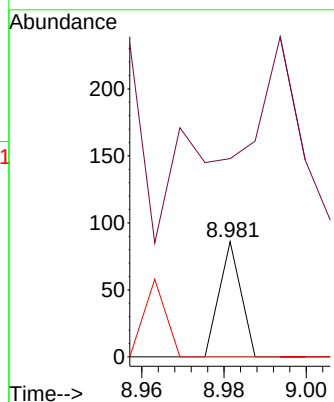


#49
1,4-Dioxane
Concen: 1.170 ug/l
RT: 8.981 min Scan# 1191
Delta R.T. -0.250 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

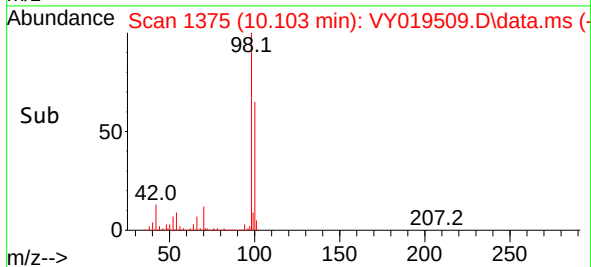
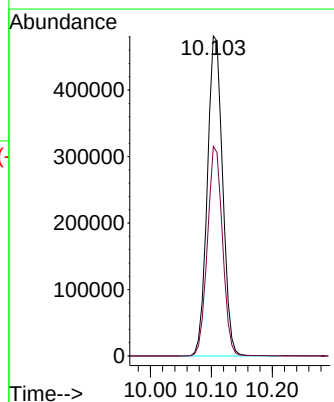
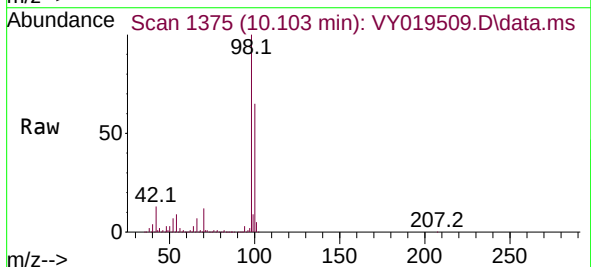


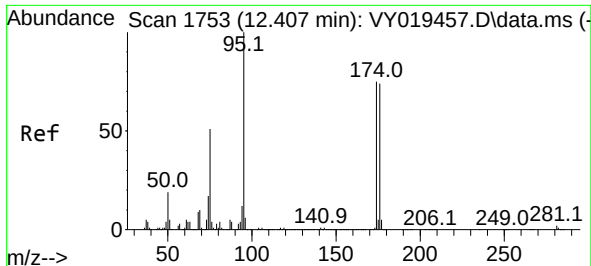
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 393.5 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 56.553 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019509.D
Acq: 11 Sep 2024 15:19

Tgt Ion: 98 Resp: 840526
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 46.615 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

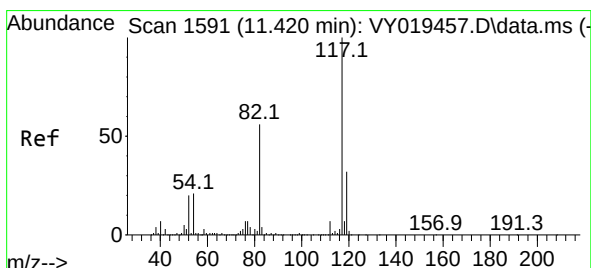
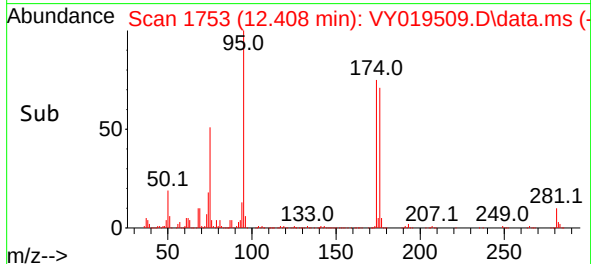
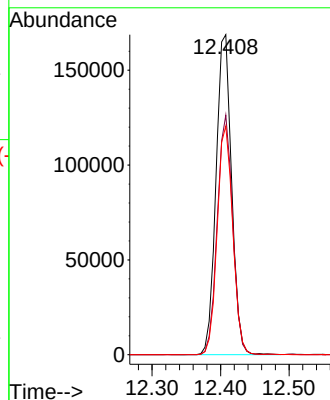
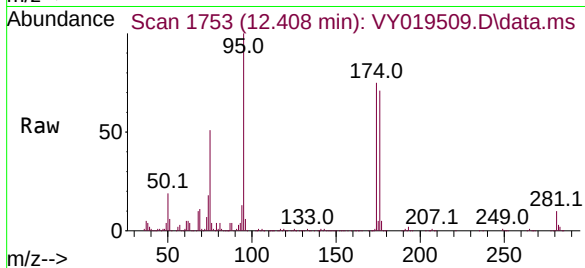
Tgt Ion: 95 Resp: 266399

Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

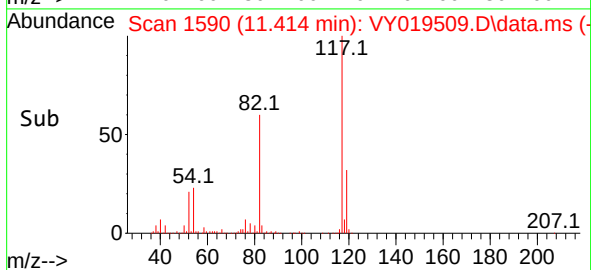
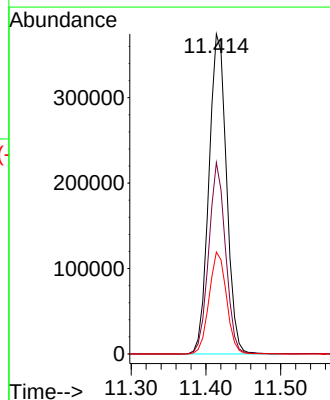
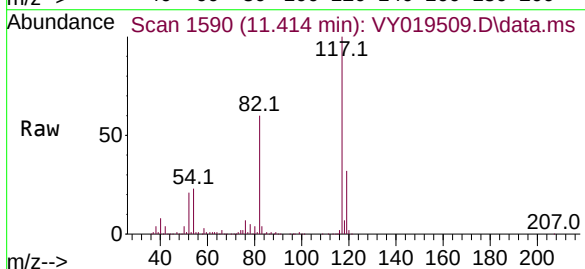
Tgt Ion: 117 Resp: 613712

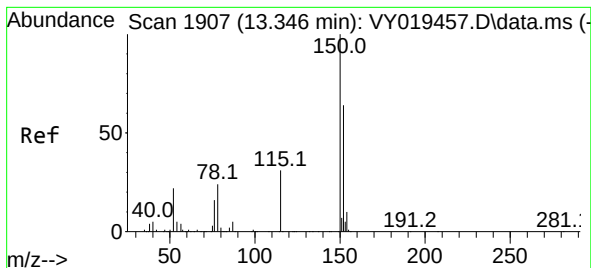
Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

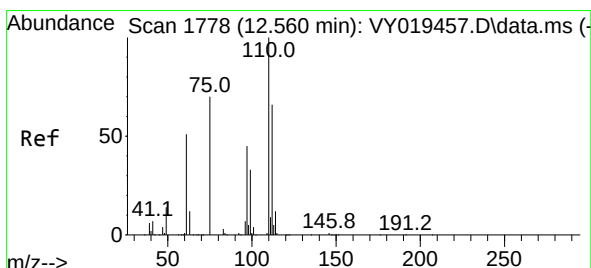
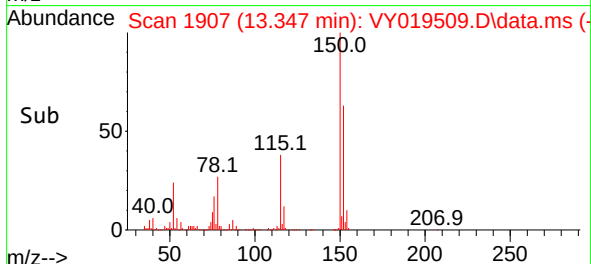
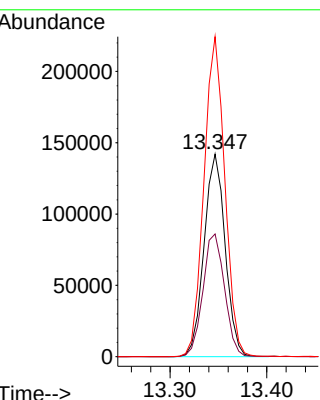
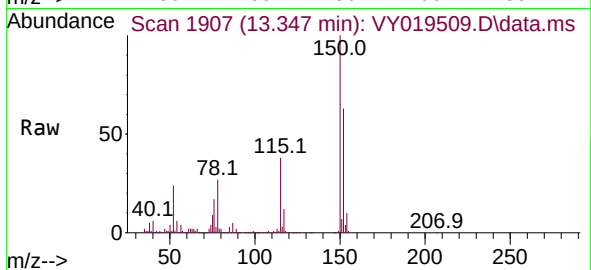
Tgt Ion:152 Resp: 215142

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 156.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.848 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019509.D

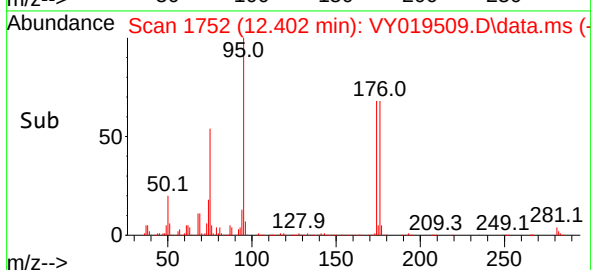
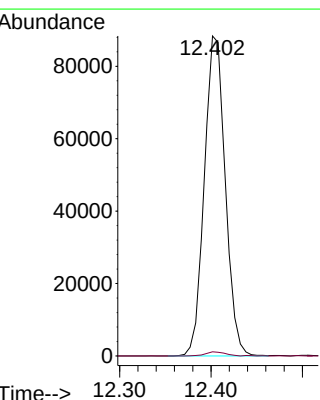
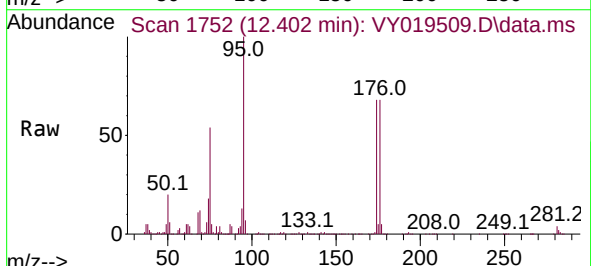
Acq: 11 Sep 2024 15:19

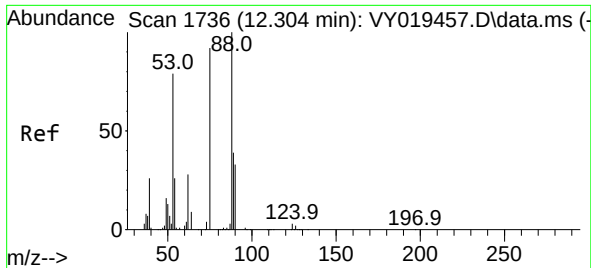
Tgt Ion: 75 Resp: 140849

Ion Ratio Lower Upper

75 100

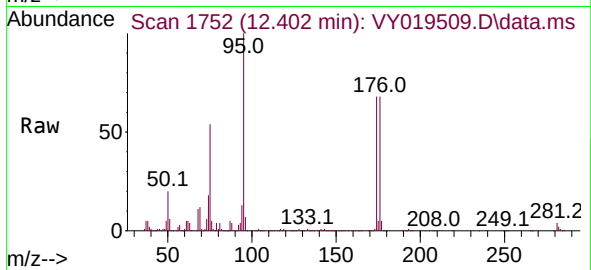
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.088 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019509.D
 Acq: 11 Sep 2024 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

