

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019799.D
 Acq On : 04 Oct 2024 14:54
 Operator : SY/MD
 Sample : P4270-03
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 23:32:46 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)

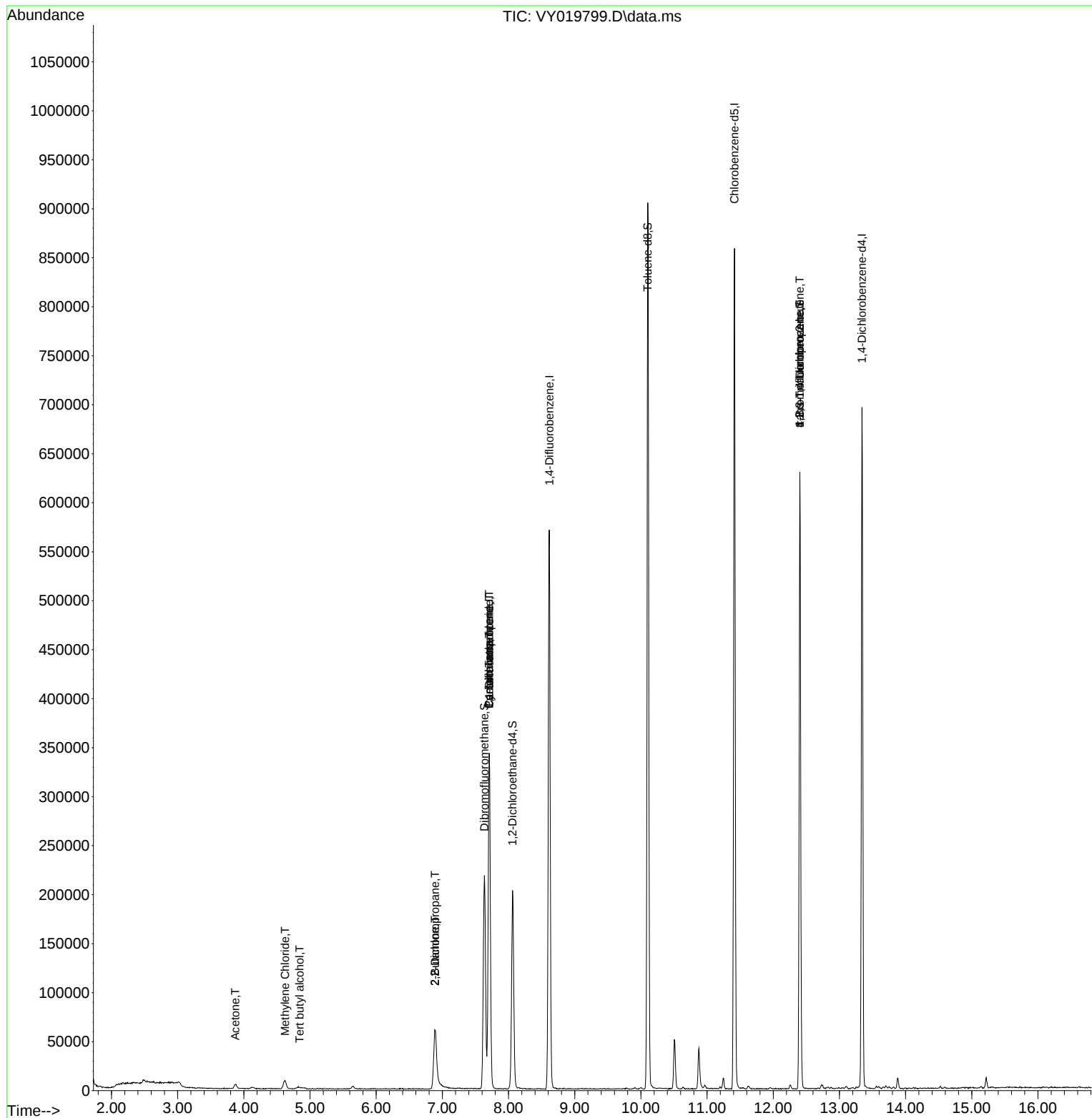
Internal Standards						
1) Pentafluorobenzene	7.707	168	249015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	483106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	434414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	163453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157550	68.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.660%	
35) Dibromofluoromethane	7.634	113	155475	56.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.520%	
50) Toluene-d8	10.103	98	575753	56.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.660%	
62) 4-Bromofluorobenzene	12.402	95	187002	48.003	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	92	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	2914	15.649	ug/l	99
13) Acrolein	3.671	56	54	Below Cal		90
16) Acetone	3.873	43	8147	14.831	ug/l	# 85
20) Methylene Chloride	4.622	84	5746	2.294	ug/l	# 74
25) 2-Butanone	6.890	43	5547	7.100	ug/l	# 58
26) 2,2-Dichloropropane	6.890	77	5207	1.264	ug/l	# 51
31) Cyclohexane	7.707	56	6290	1.524	ug/l	# 25
36) 1,1-Dichloropropene	7.707	75	22424	6.016	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	27540	6.552	ug/l	# 17
76) 1,2,3-Trichloropropane	12.402	75	104203	68.016	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	104203	130.572	ug/l	# 16

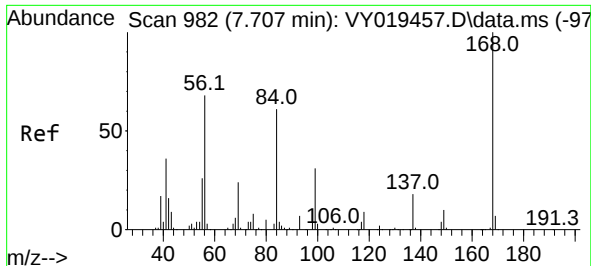
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 23:32:46 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

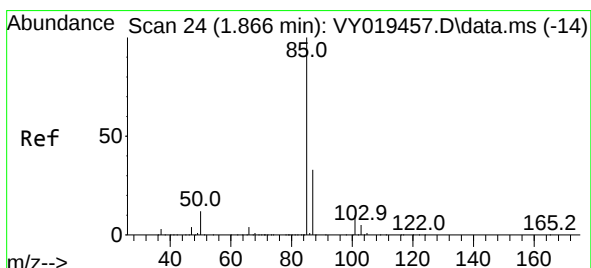
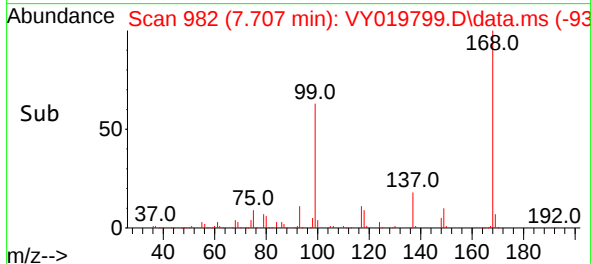
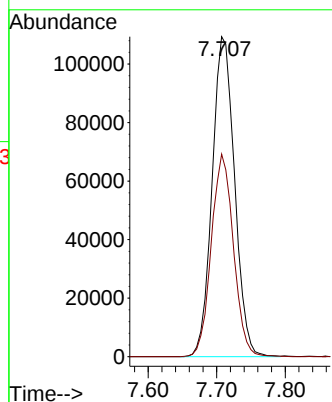
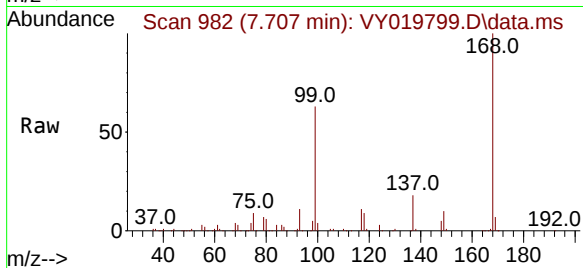




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

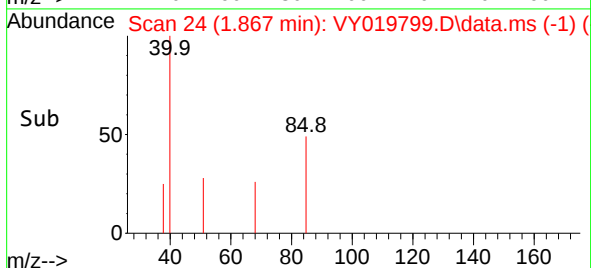
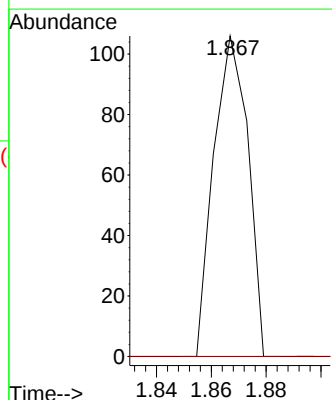
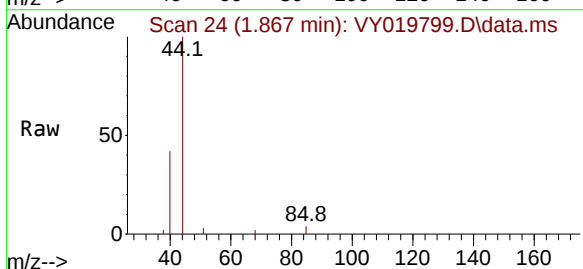
Instrument :
MSVOA_Y
ClientSampleId :

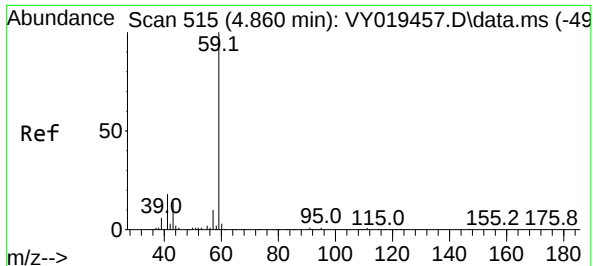
Tgt Ion:168 Resp: 249015
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 85 Resp: 92
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 15.649 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

Instrument :

MSVOA_Y

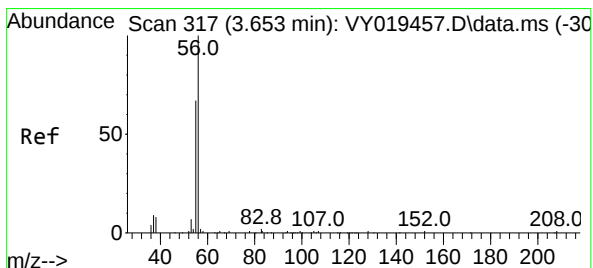
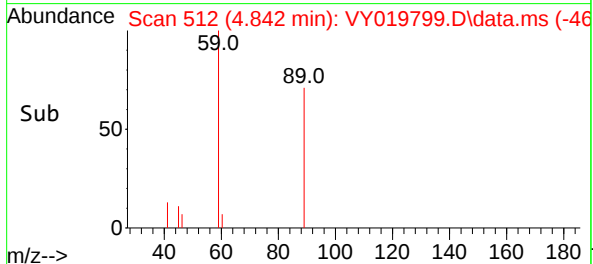
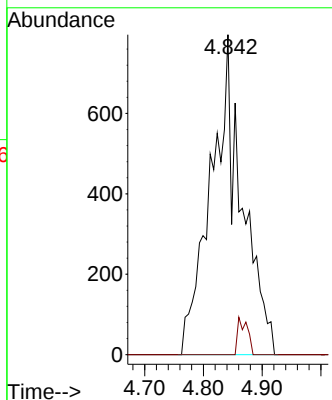
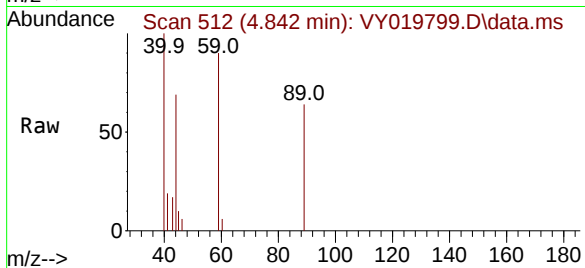
ClientSampleId :

Tgt Ion: 59 Resp: 2914

Ion Ratio Lower Upper

59 100

57 3.6 3.0 4.6



#13

Acrolein

Concen: Below Cal

RT: 3.671 min Scan# 320

Delta R.T. 0.018 min

Lab File: VY019799.D

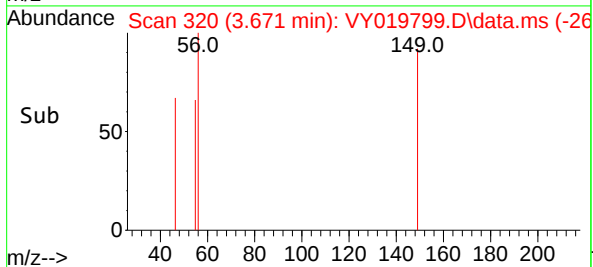
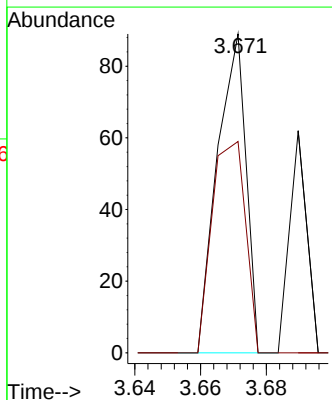
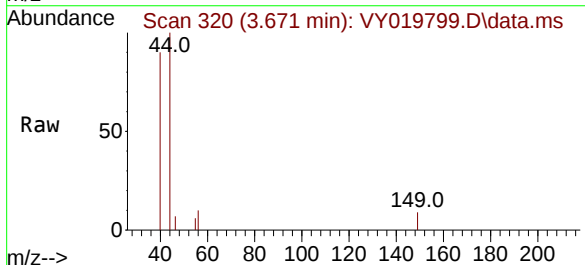
Acq: 04 Oct 2024 14:54

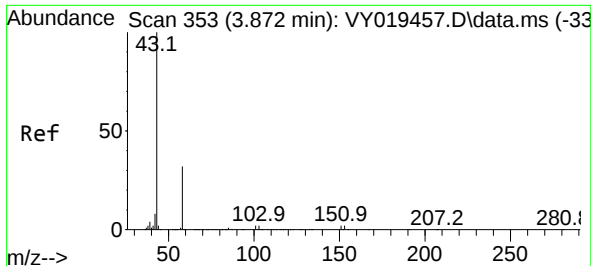
Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 77.8 55.7 83.5

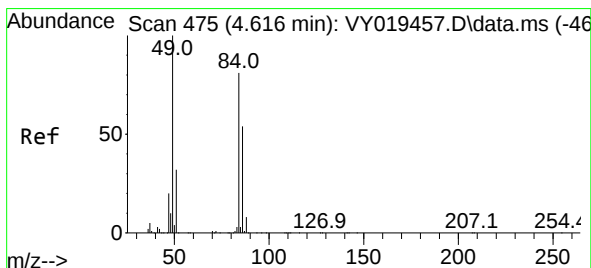
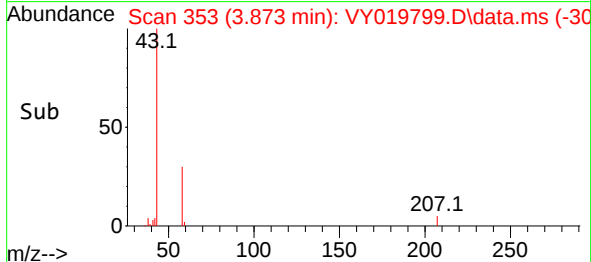
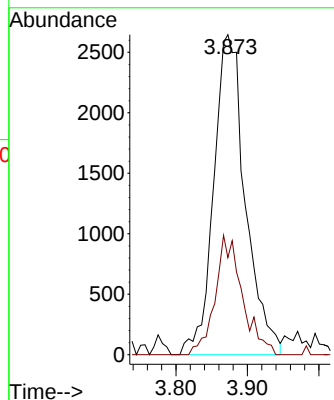
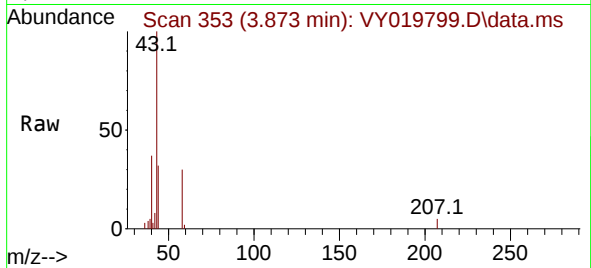




#16
Acetone
Concen: 14.831 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

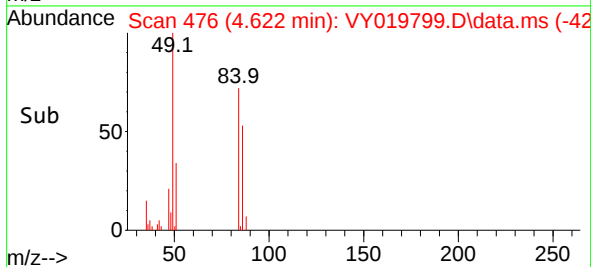
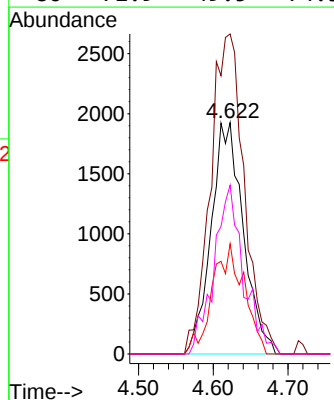
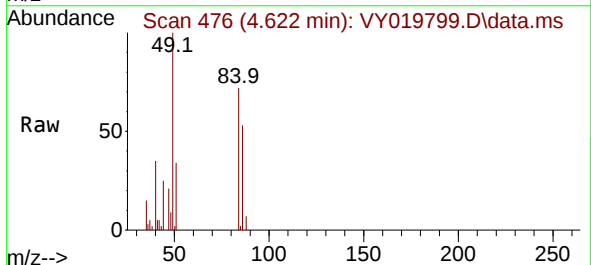
Instrument :
MSVOA_Y
ClientSampleId :

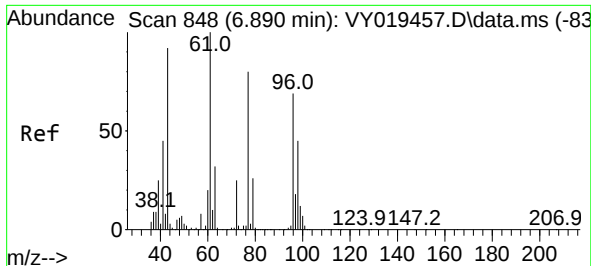
Tgt Ion: 43 Resp: 8147
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#



#20
Methylene Chloride
Concen: 2.294 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 84 Resp: 5746
Ion Ratio Lower Upper
84 100
49 138.3 84.4 126.6#
51 47.7 26.0 39.0#
86 72.9 49.5 74.3





#25

2-Butanone

Concen: 7.100 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

Instrument :

MSVOA_Y

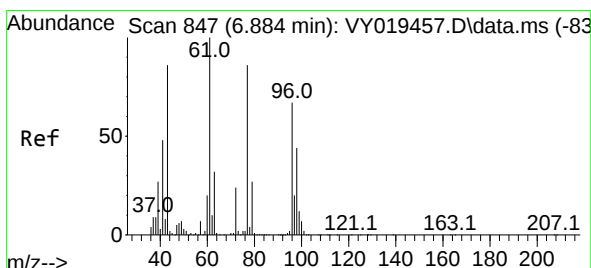
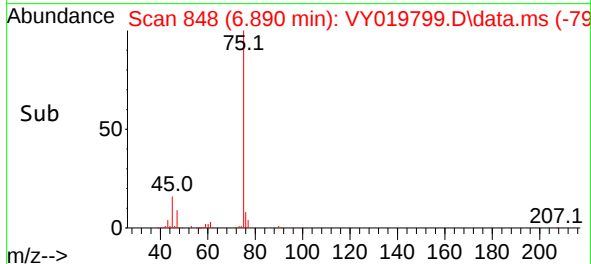
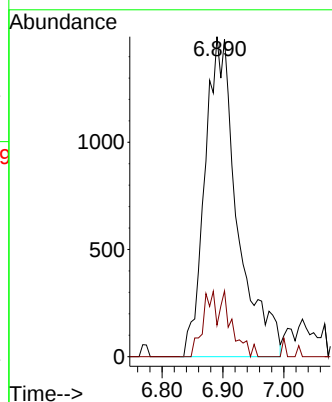
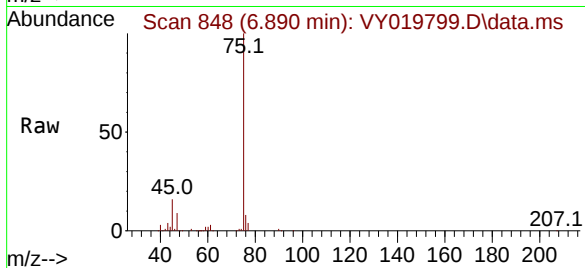
ClientSampleId :

Tgt Ion: 43 Resp: 5547

Ion Ratio Lower Upper

43 100

72 9.8 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 1.264 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY019799.D

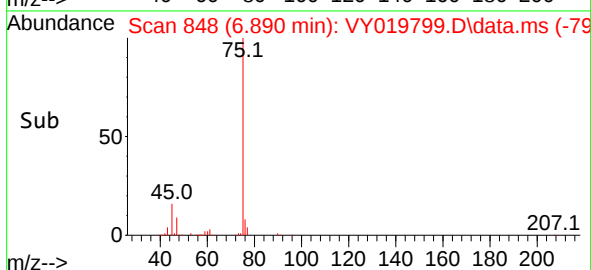
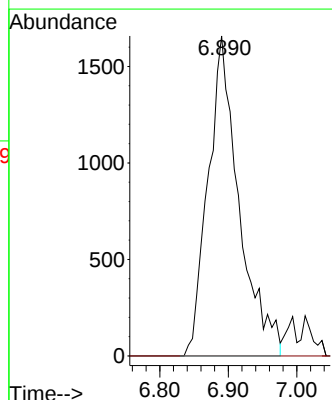
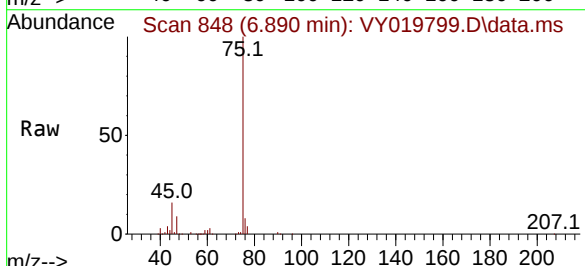
Acq: 04 Oct 2024 14:54

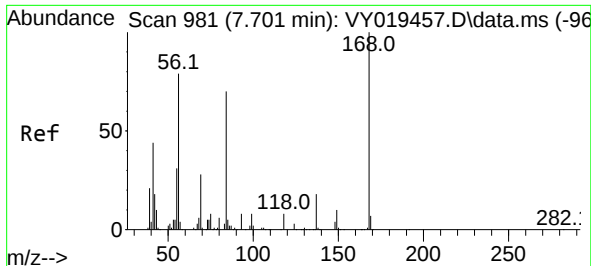
Tgt Ion: 77 Resp: 5207

Ion Ratio Lower Upper

77 100

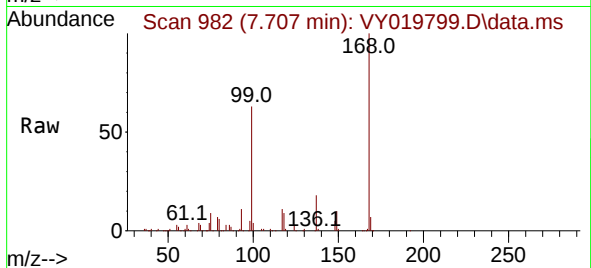
97 0.0 12.0 36.1#



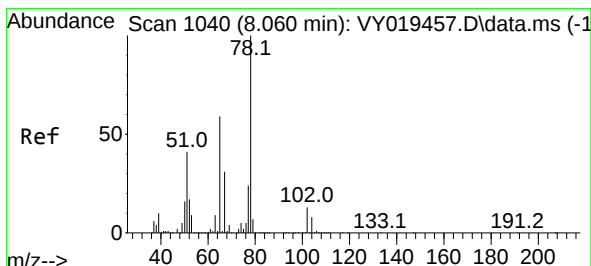
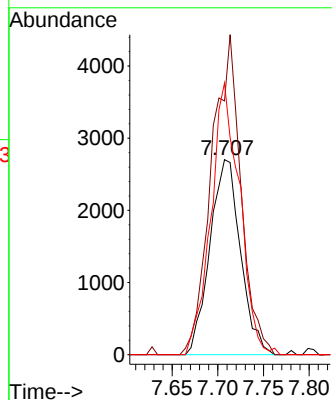
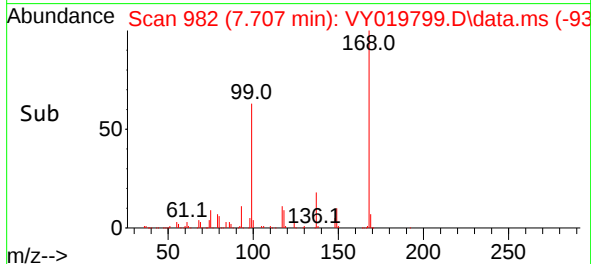


#31
Cyclohexane
Concen: 1.524 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

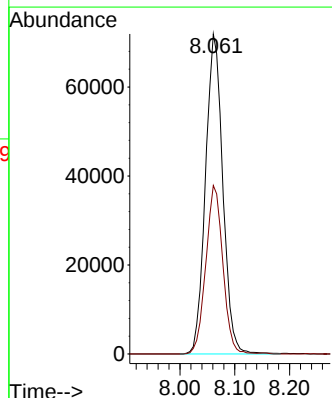
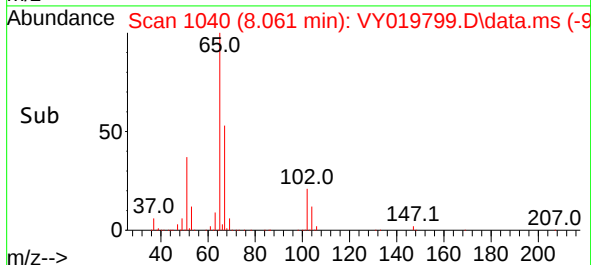
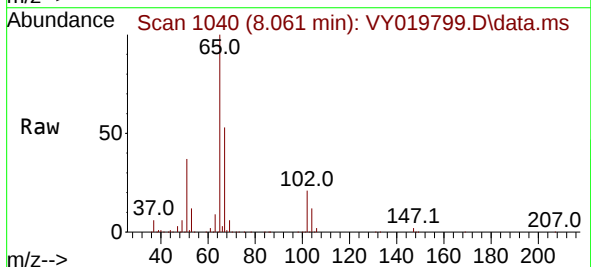


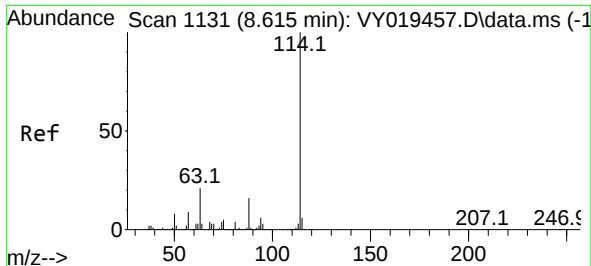
Tgt Ion: 56 Resp: 6290
Ion Ratio Lower Upper
56 100
69 130.1 28.7 43.1#
84 139.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 68.327 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 65 Resp: 157550
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

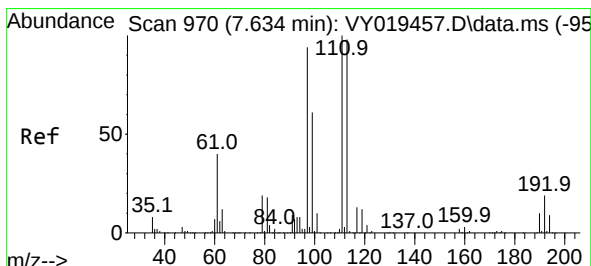
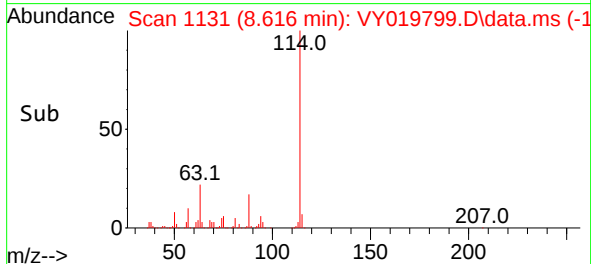
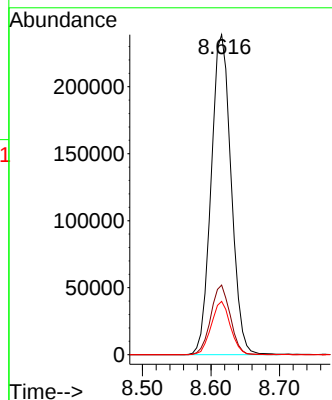
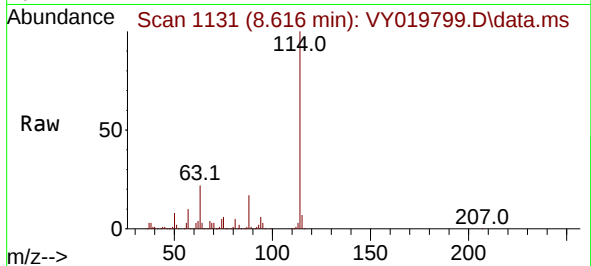




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

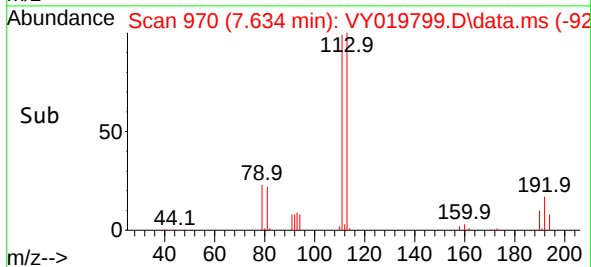
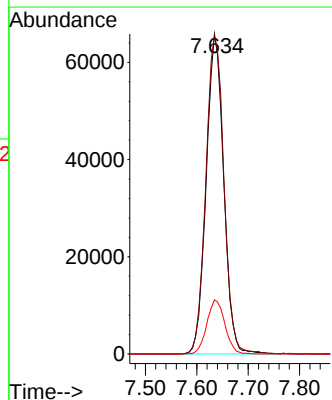
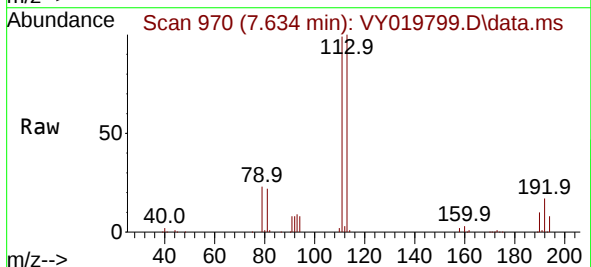
Instrument :
MSVOA_Y
ClientSampleId :

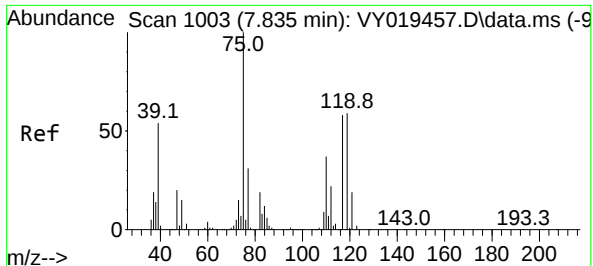
Tgt Ion:114 Resp: 483106
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.761 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion:113 Resp: 155475
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.016 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

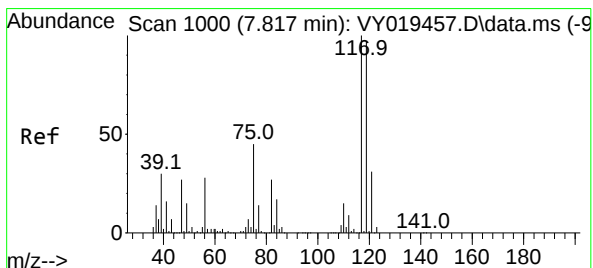
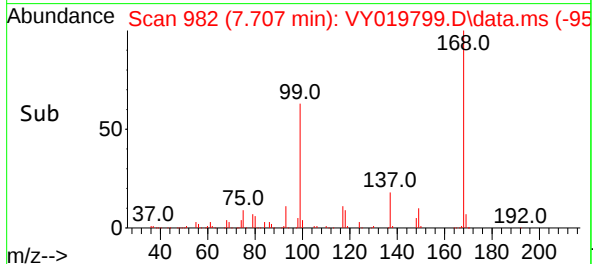
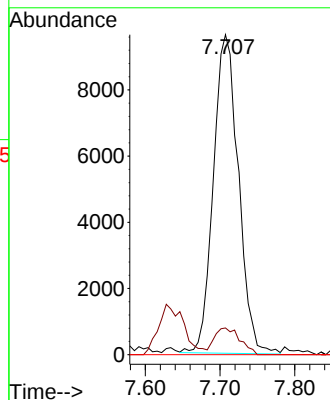
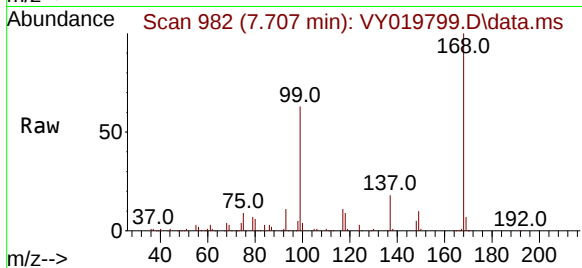
Tgt Ion: 75 Resp: 22424

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.552 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

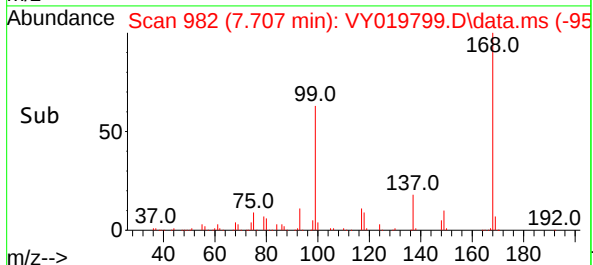
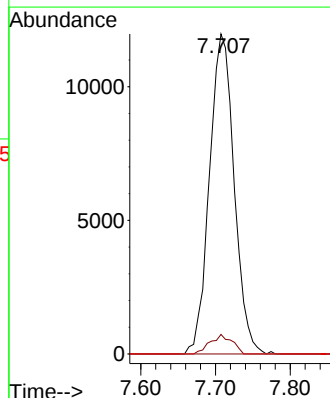
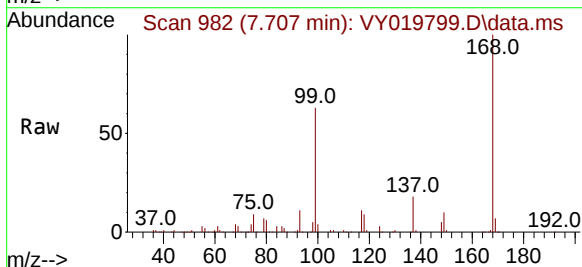
Tgt Ion: 117 Resp: 27540

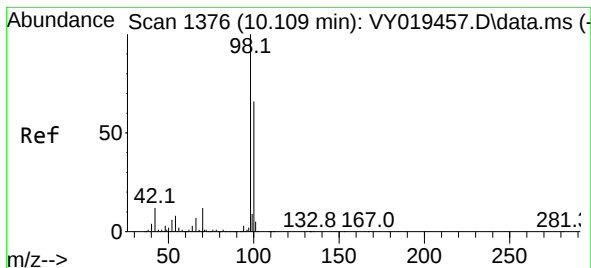
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

121 0.0 24.0 36.0#

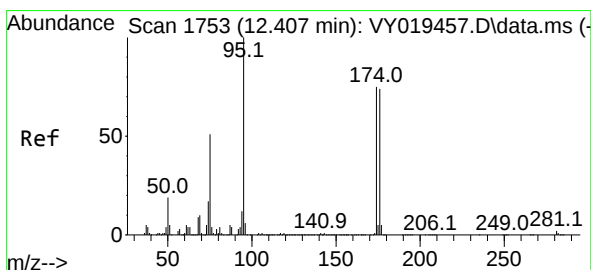
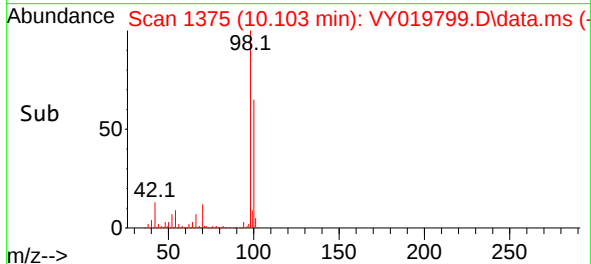
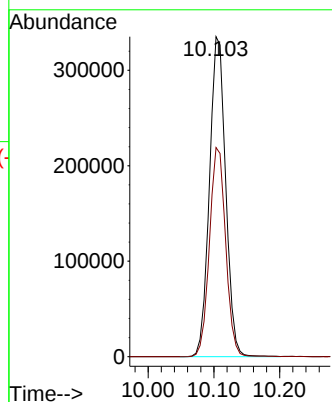
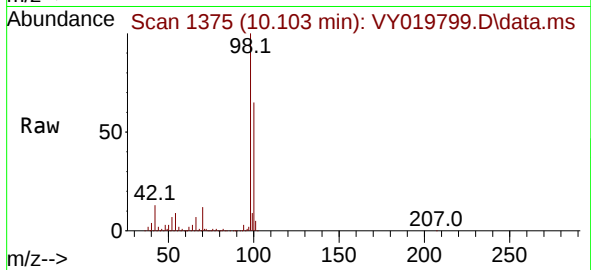




#50
Toluene-d8
Concen: 56.829 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

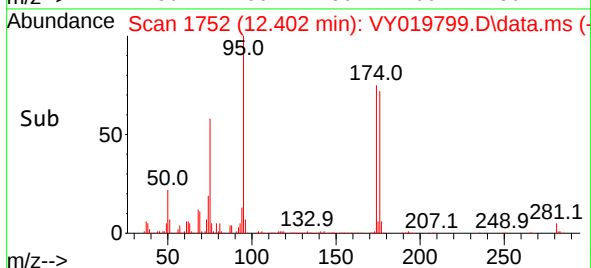
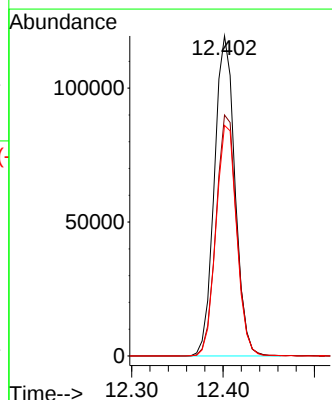
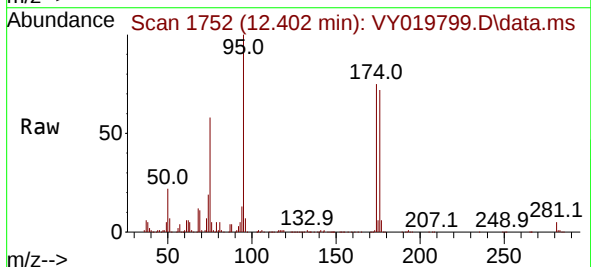
Instrument :
MSVOA_Y
ClientSampleId :

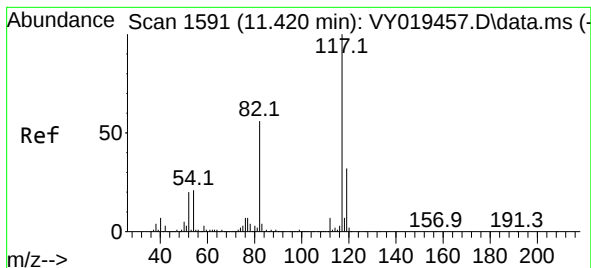
Tgt Ion: 98 Resp: 575753
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 95 Resp: 187002
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 72.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

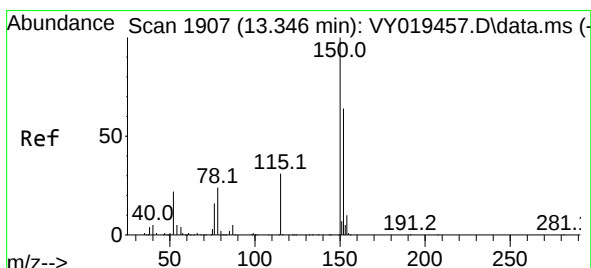
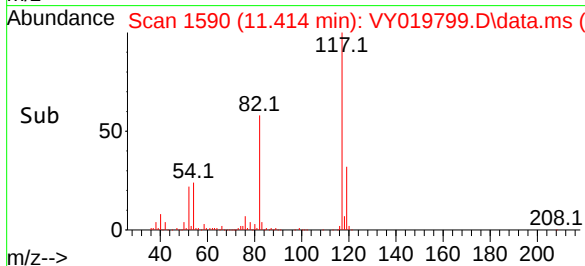
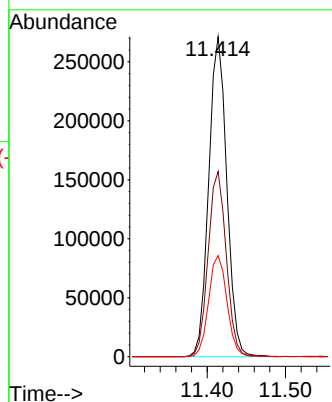
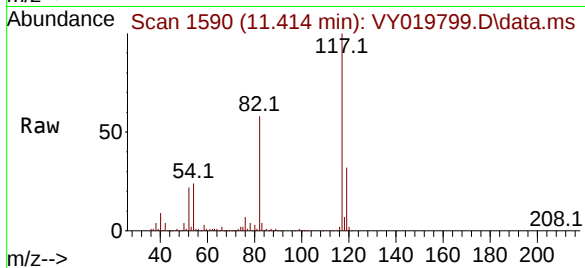
Tgt Ion:117 Resp: 434414

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019799.D

Acq: 04 Oct 2024 14:54

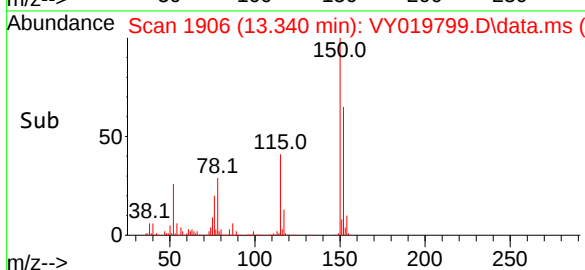
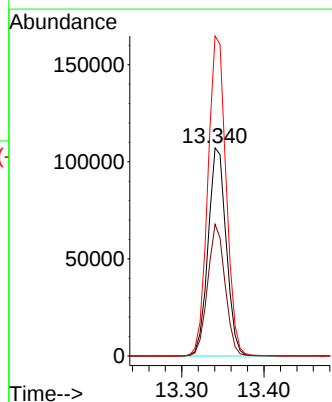
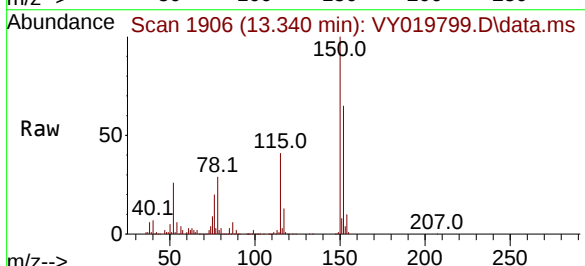
Tgt Ion:152 Resp: 163453

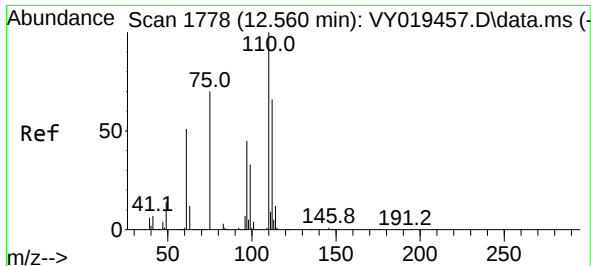
Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 155.1 0.0 345.6

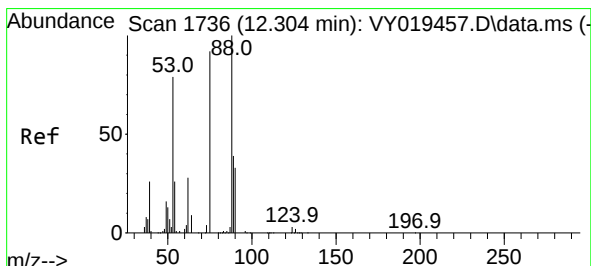
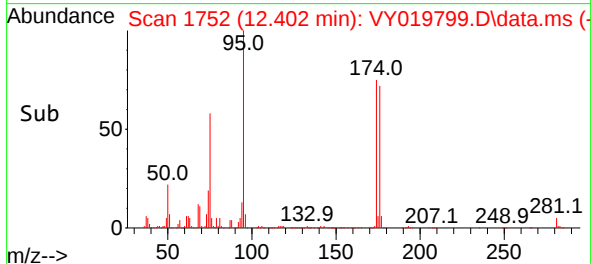
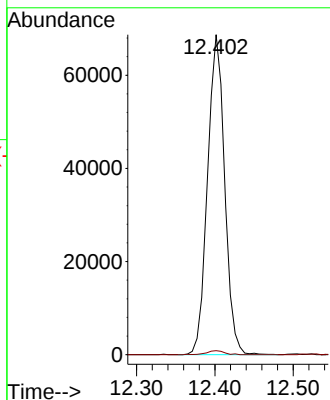
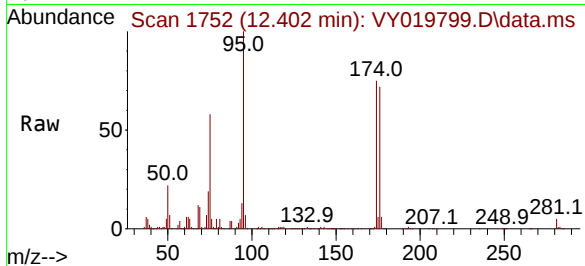




#76
1,2,3-Trichloropropane
Concen: 68.016 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 104203
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.572 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019799.D
Acq: 04 Oct 2024 14:54

Tgt Ion: 75 Resp: 104203
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

