

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019520.D
 Acq On : 12 Sep 2024 11:22
 Operator : SY/MD
 Sample : VY0912SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 01:30:28 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)

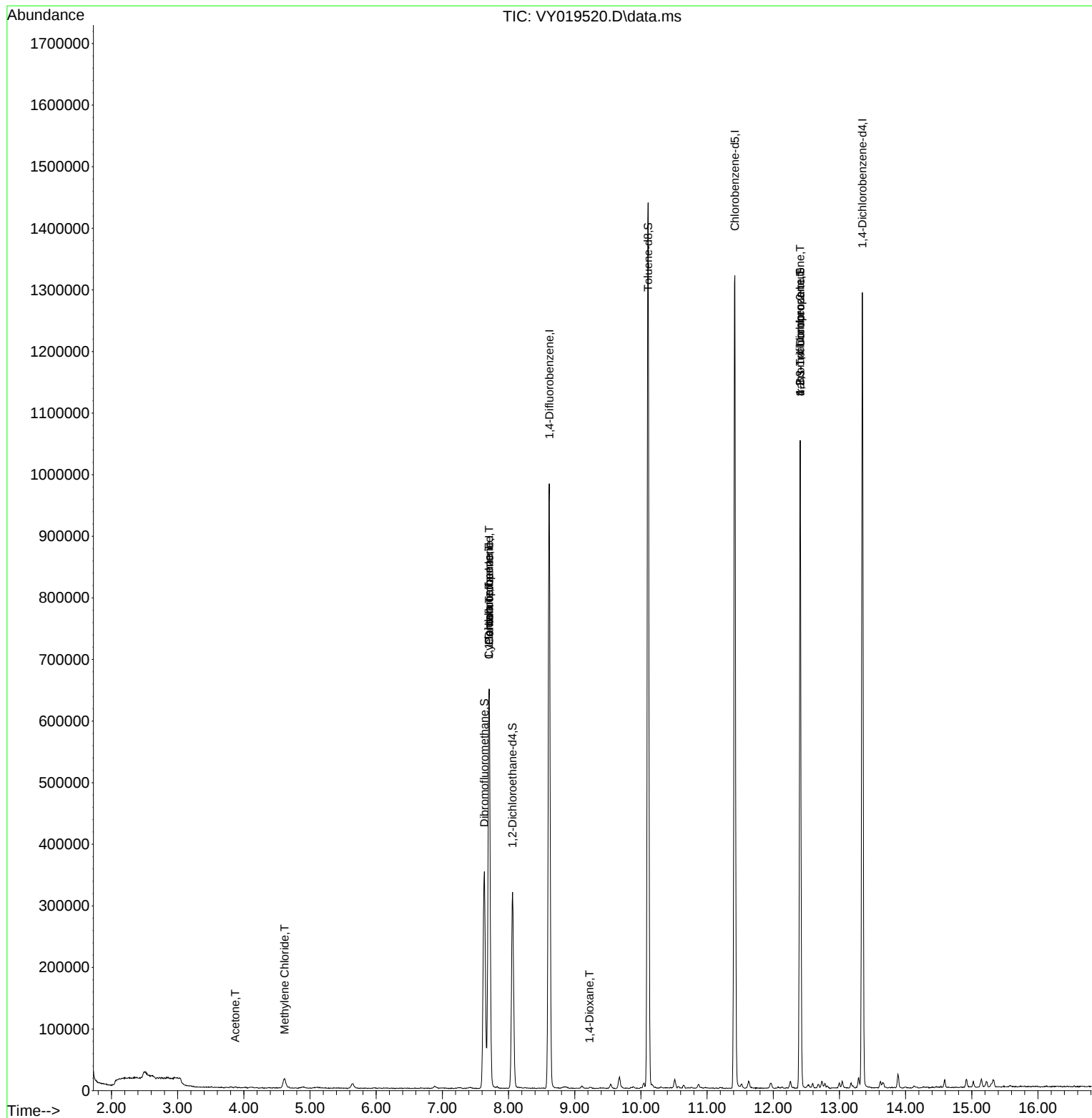
Internal Standards						
1) Pentafluorobenzene	7.707	168	482360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	832559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	690395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	309520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	253262	56.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.400%	
35) Dibromofluoromethane	7.634	113	254060	53.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.109	98	936409	53.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.407	95	326844	48.685	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	474	Below Cal		72
13) Acrolein	3.677	56	464	Below Cal	#	67
16) Acetone	3.872	43	2547	2.394	ug/l	92
20) Methylene Chloride	4.616	84	11247	2.318	ug/l	89
31) Cyclohexane	7.701	56	12720	1.591	ug/l	# 33
36) 1,1-Dichloropropene	7.701	75	41581	6.474	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	50456	6.966	ug/l	# 17
49) 1,4-Dioxane	9.225	88	63	2.023	ug/l	# 75
76) 1,2,3-Trichloropropane	12.407	75	171560	59.136	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	171560	113.524	ug/l	# 16

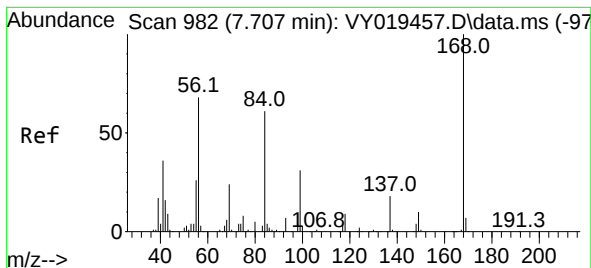
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 13 01:30:28 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# 9

Delta R.T. 0.000 min

Lab File: VY019520.D

Acq: 12 Sep 2024 11:22

Instrument :

MSVOA_Y

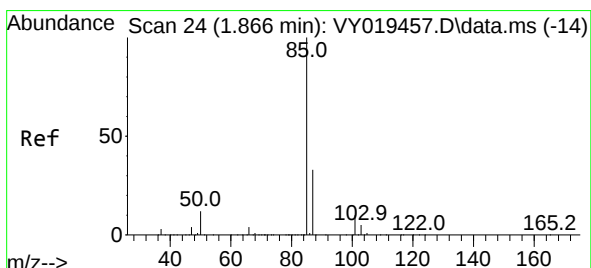
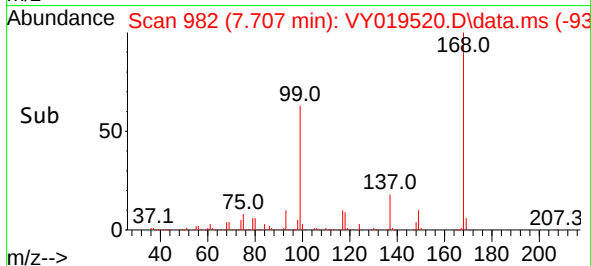
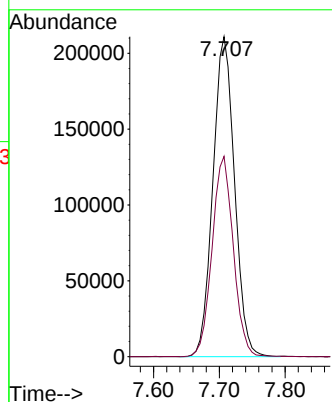
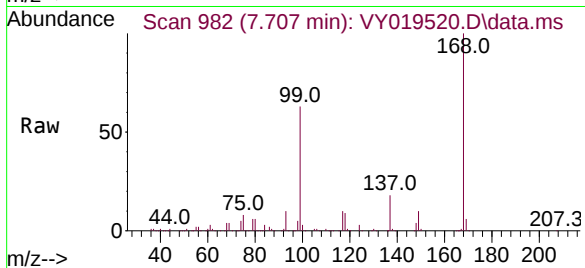
ClientSampleId :

Tgt Ion:168 Resp: 482360

Ion Ratio Lower Upper

168 100

99 62.6 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019520.D

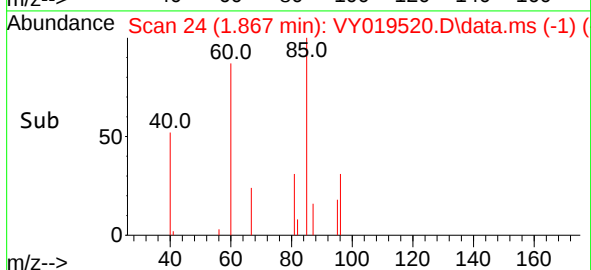
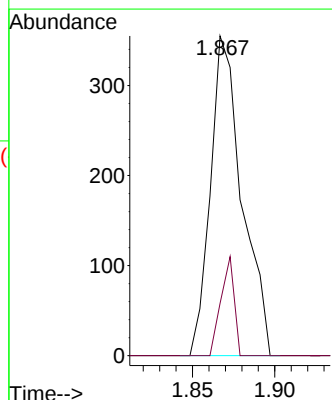
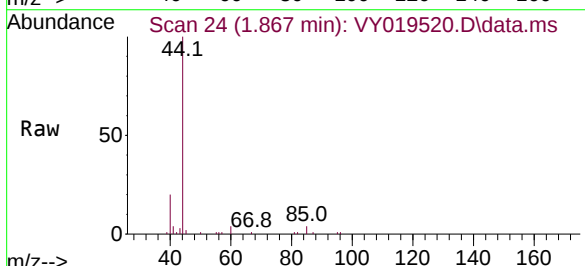
Acq: 12 Sep 2024 11:22

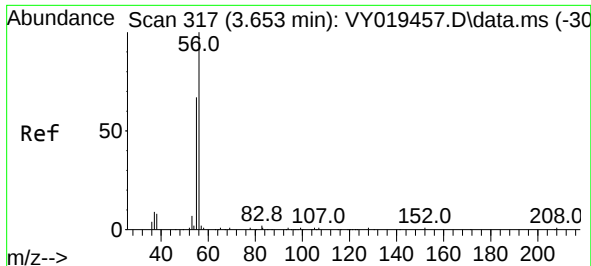
Tgt Ion: 85 Resp: 474

Ion Ratio Lower Upper

85 100

87 16.3 16.0 48.0

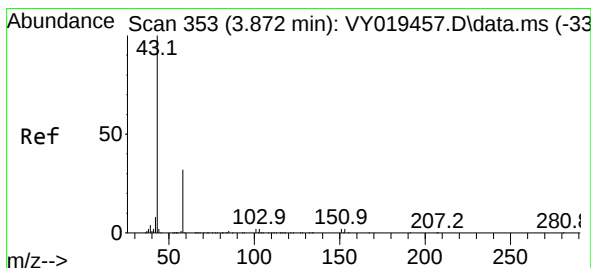
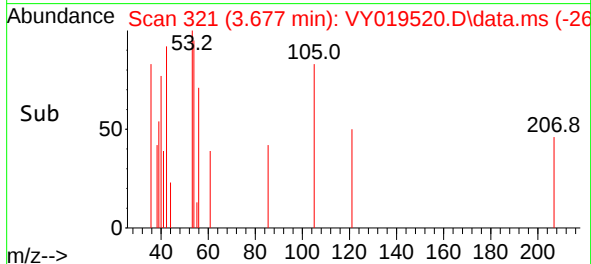
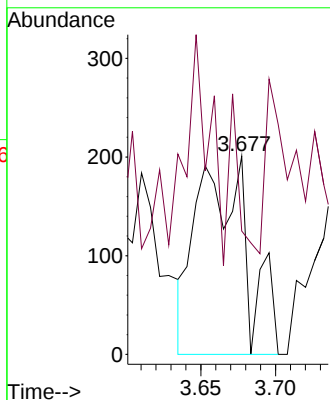
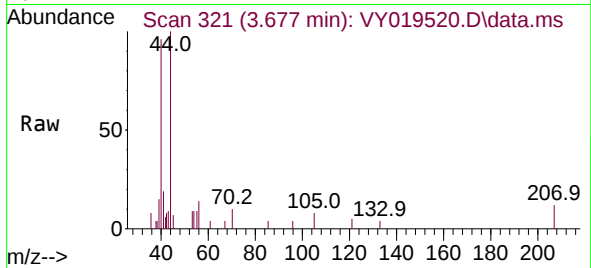




#13
Acrolein
Concen: Below Cal
RT: 3.677 min Scan# 317
Delta R.T. 0.024 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

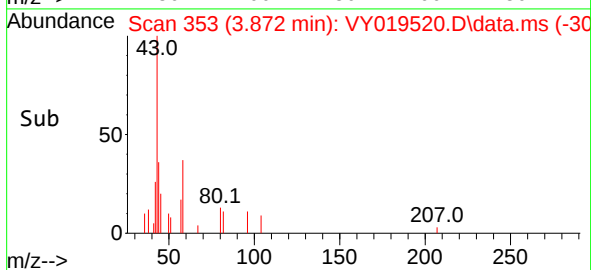
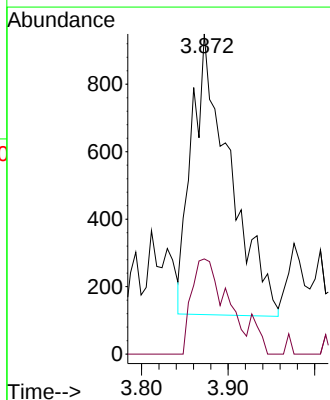
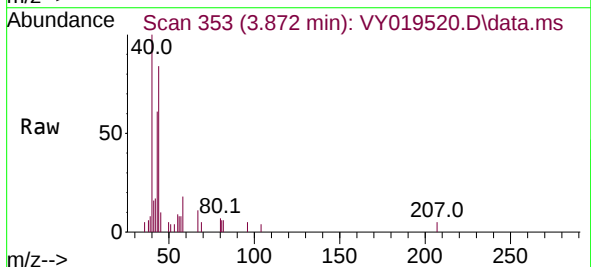
Instrument :
MSVOA_Y
ClientSampleId :

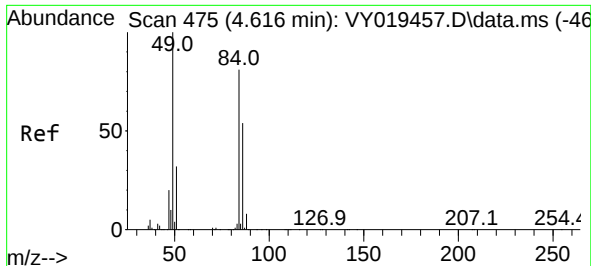
Tgt Ion: 56 Resp: 464
Ion Ratio Lower Upper
56 100
55 42.7 55.7 83.5#



#16
Acetone
Concen: 2.394 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

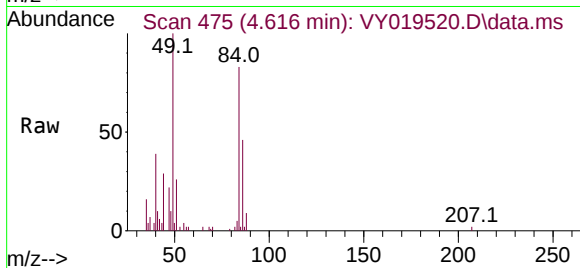
Tgt Ion: 43 Resp: 2547
Ion Ratio Lower Upper
43 100
58 34.6 31.7 47.5



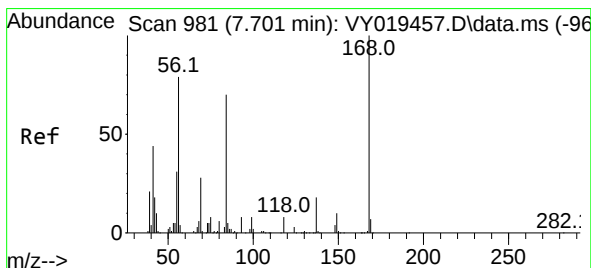
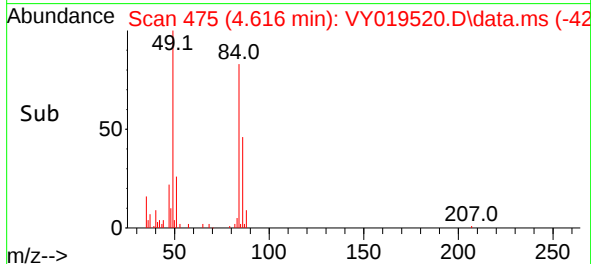
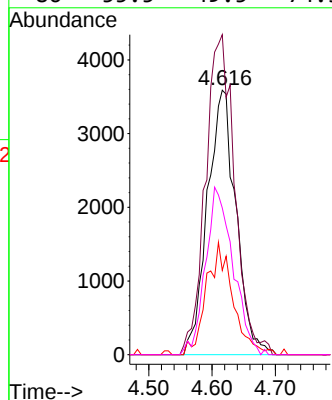


#20
Methylene Chloride
Concen: 2.318 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

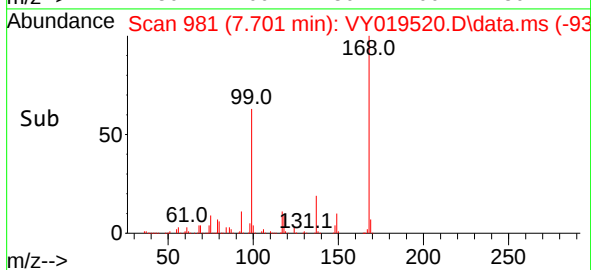
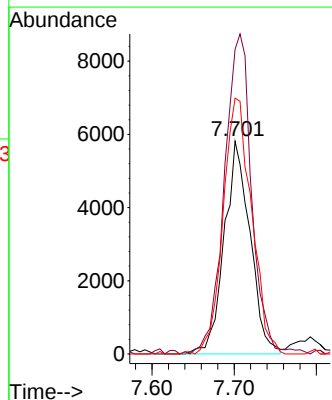
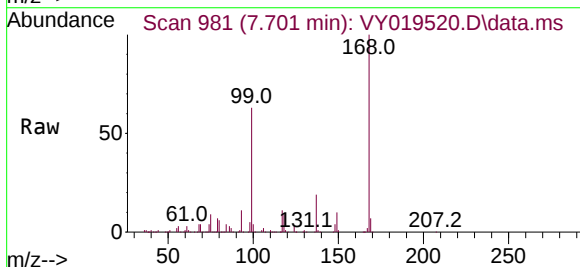


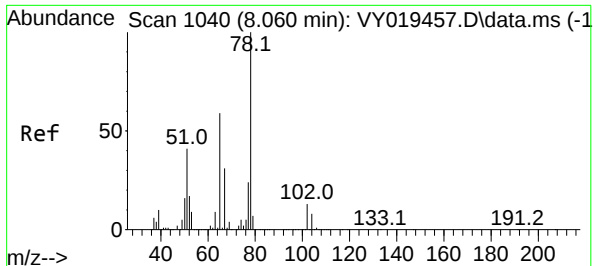
Tgt Ion:	84	Resp:	11247
Ion	Ratio	Lower	Upper
84	100		
49	121.0	84.4	126.6
51	31.9	26.0	39.0
86	55.5	49.5	74.3



#31
Cyclohexane
Concen: 1.591 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Tgt Ion:	56	Resp:	12720
Ion	Ratio	Lower	Upper
56	100		
69	143.3	28.7	43.1#
84	120.3	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 56.702 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019520.D

Acq: 12 Sep 2024 11:22

Instrument :

MSVOA_Y

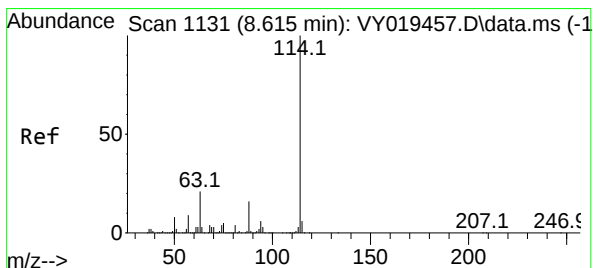
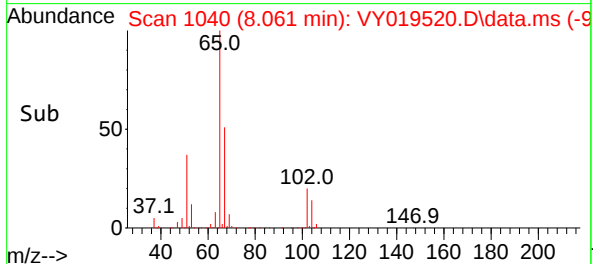
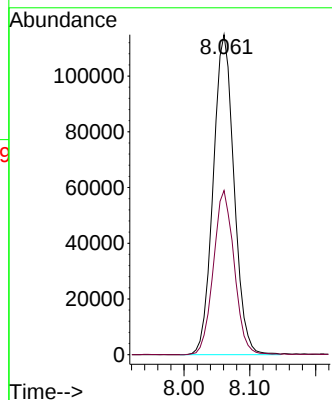
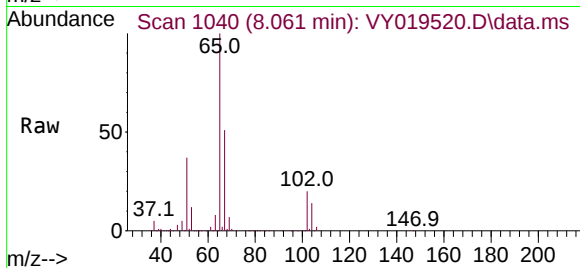
ClientSampleId :

Tgt Ion: 65 Resp: 253262

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019520.D

Acq: 12 Sep 2024 11:22

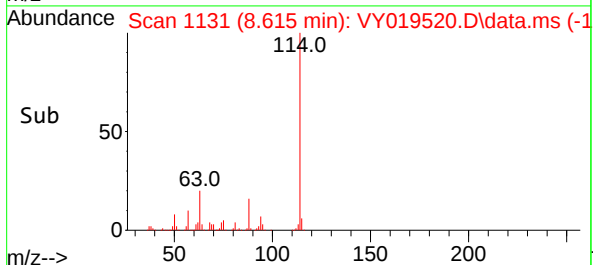
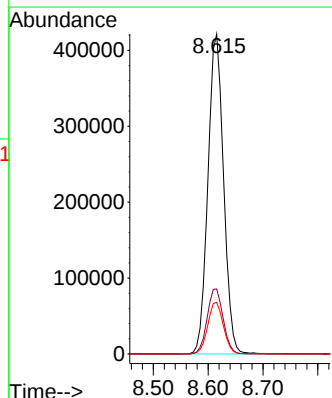
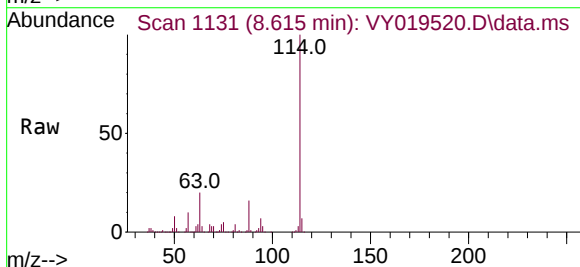
Tgt Ion: 114 Resp: 832559

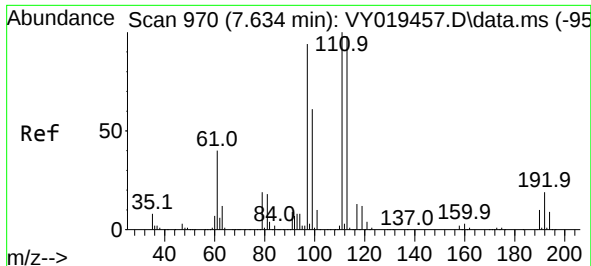
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

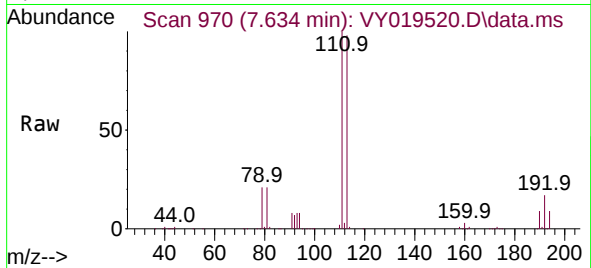
88 16.1 0.0 27.2



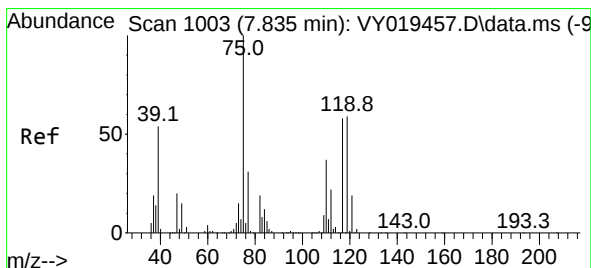
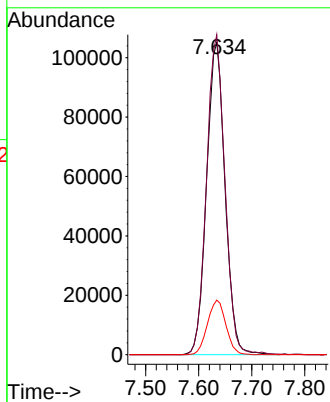
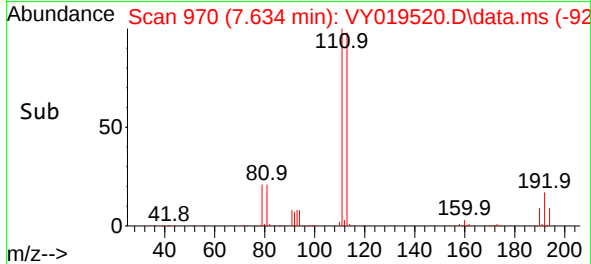


#35
Dibromofluoromethane
Concen: 53.821 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

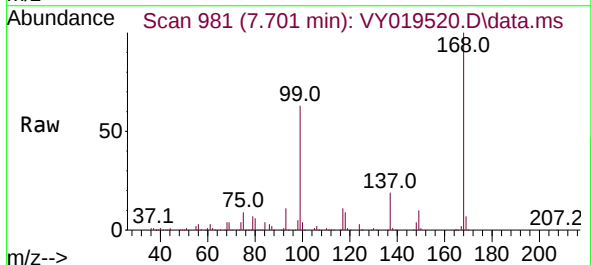
Instrument :
MSVOA_Y
ClientSampleId :



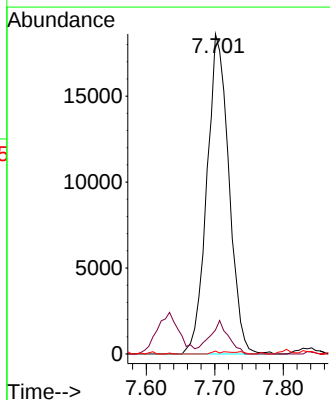
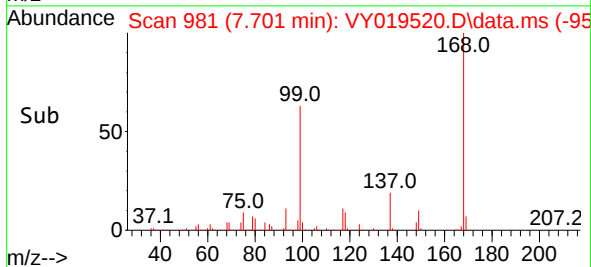
Tgt Ion:113 Resp: 254060
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.5 15.9 23.9

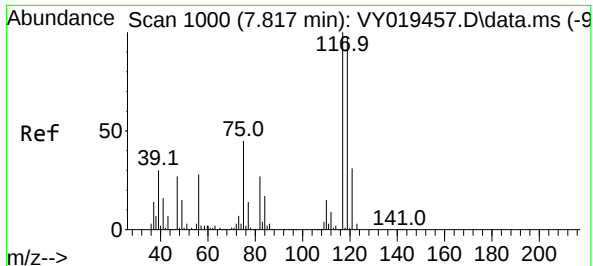


#36
1,1-Dichloropropene
Concen: 6.474 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22



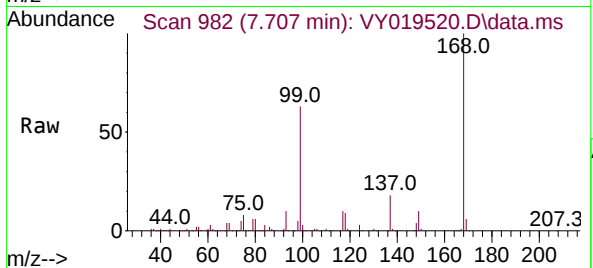
Tgt Ion: 75 Resp: 41581
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.3 25.3 37.9#



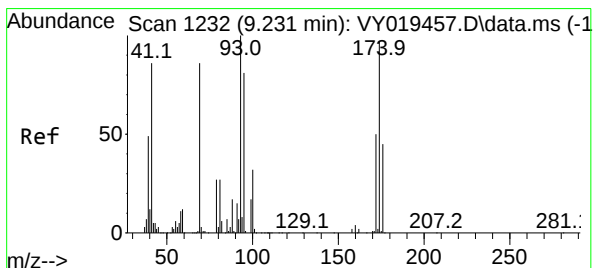
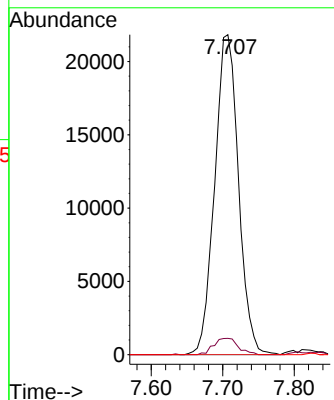
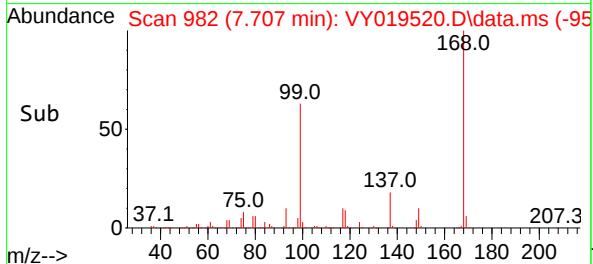


#38
Carbon Tetrachloride
Concen: 6.966 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

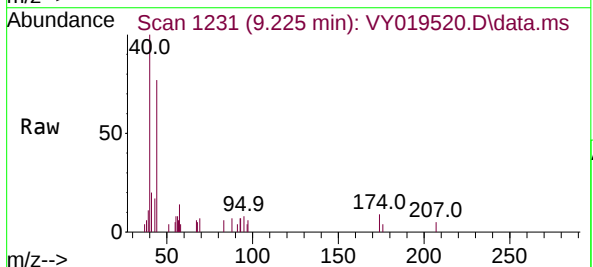
Instrument :
MSVOA_Y
ClientSampleId :



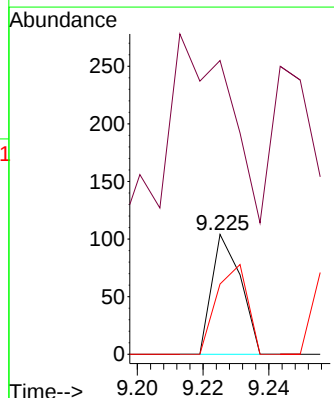
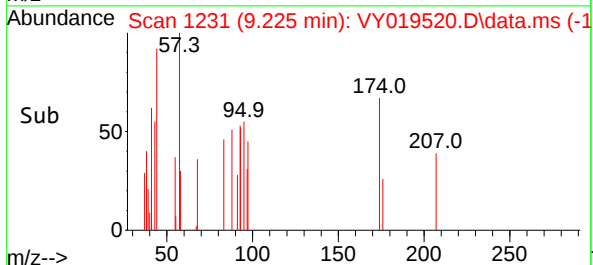
Tgt Ion:117 Resp: 50456
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#

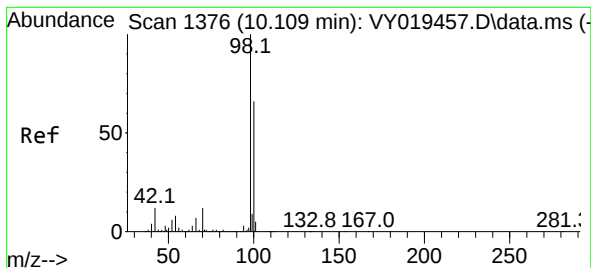


#49
1,4-Dioxane
Concen: 2.023 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22



Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 260.3 0.0 0.0#
58 81.0 49.3 73.9#

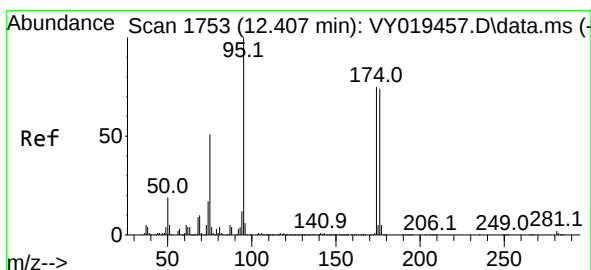
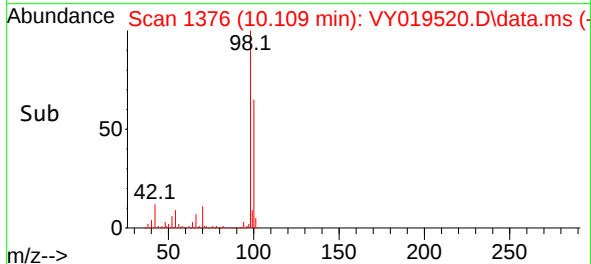
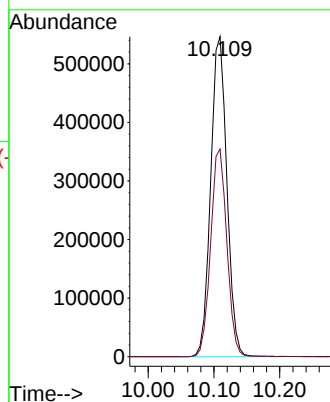
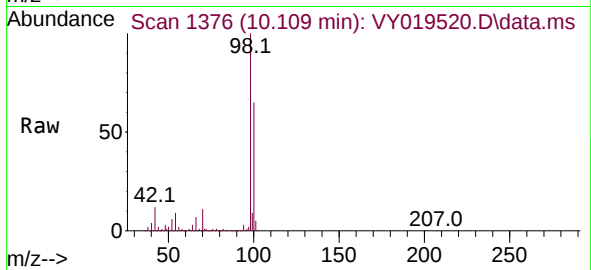




#50
Toluene-d8
Concen: 53.632 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

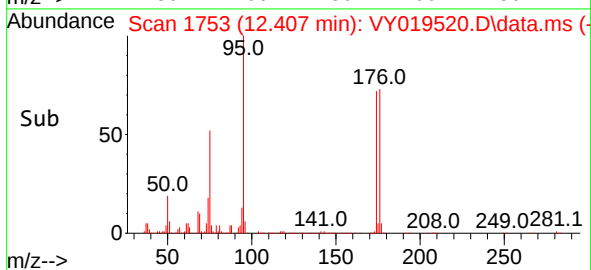
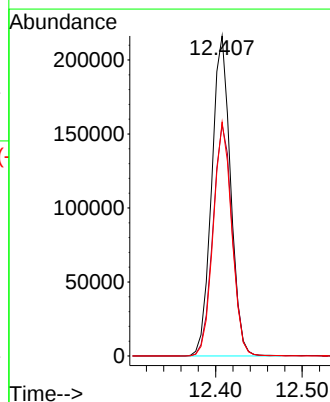
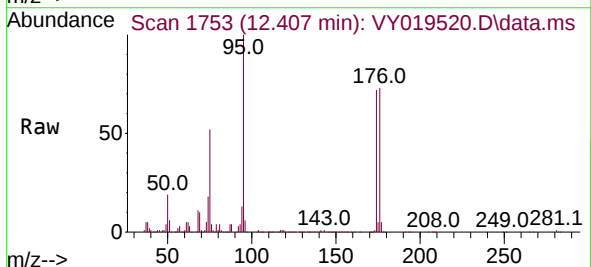
Instrument :
MSVOA_Y
ClientSampleId :

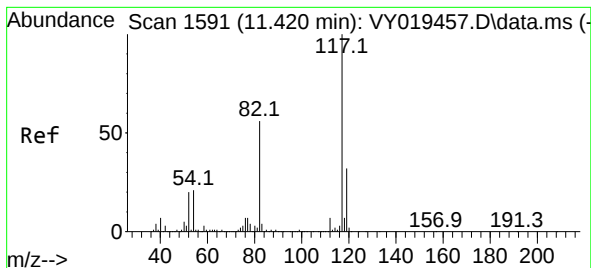
Tgt Ion: 98 Resp: 936409
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Tgt Ion: 95 Resp: 326844
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019520.D

Acq: 12 Sep 2024 11:22

Instrument :

MSVOA_Y

ClientSampleId :

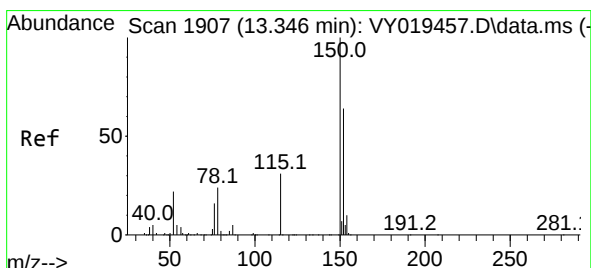
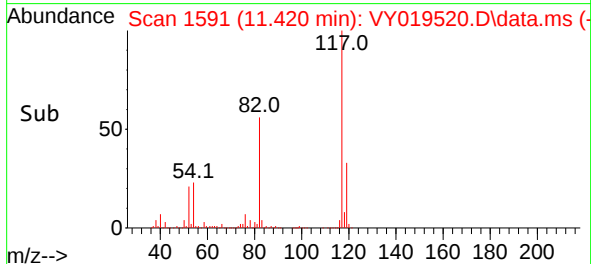
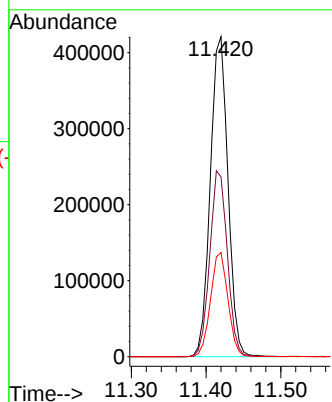
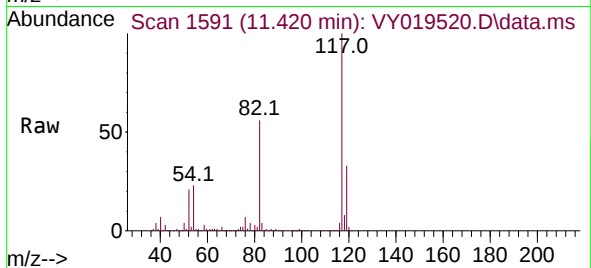
Tgt Ion:117 Resp: 690395

Ion Ratio Lower Upper

117 100

82 56.2 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019520.D

Acq: 12 Sep 2024 11:22

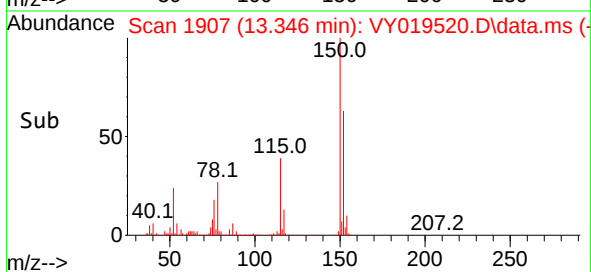
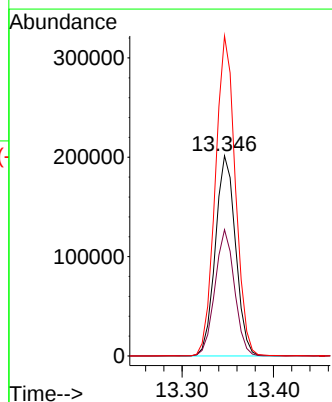
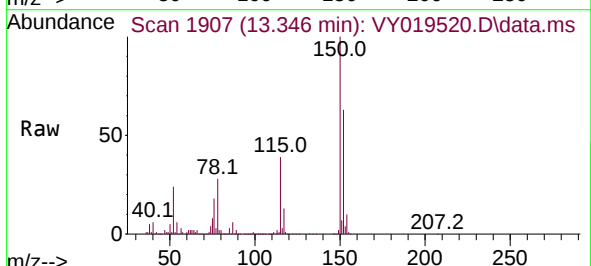
Tgt Ion:152 Resp: 309520

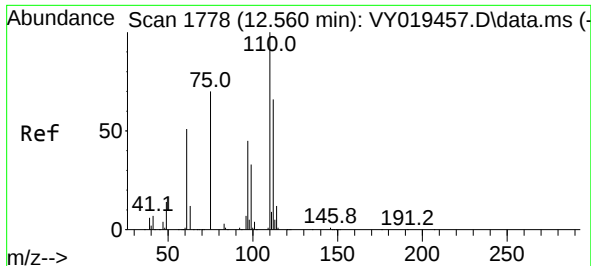
Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 158.3 0.0 345.6

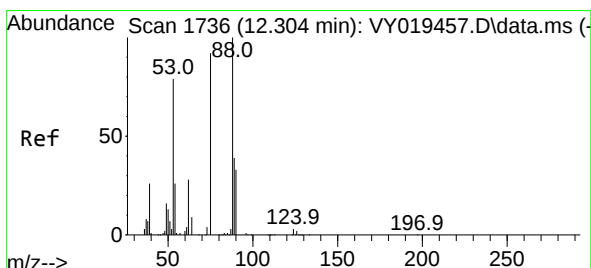
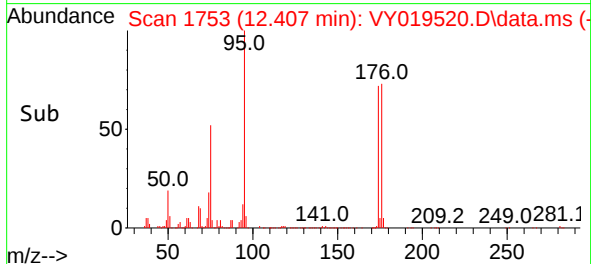
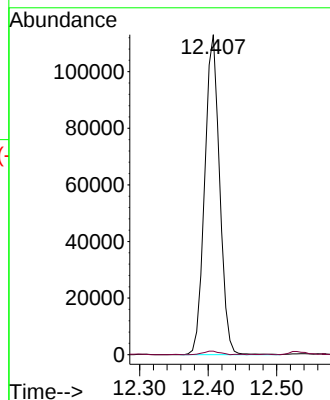
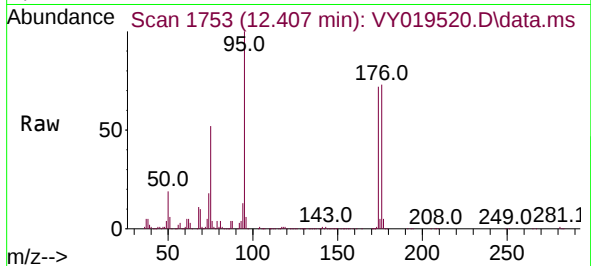




#76
1,2,3-Trichloropropane
Concen: 59.136 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 171560
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.524 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019520.D
Acq: 12 Sep 2024 11:22

Tgt Ion: 75 Resp: 171560
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

