

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019563.D
 Acq On : 16 Sep 2024 13:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:13:52 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)

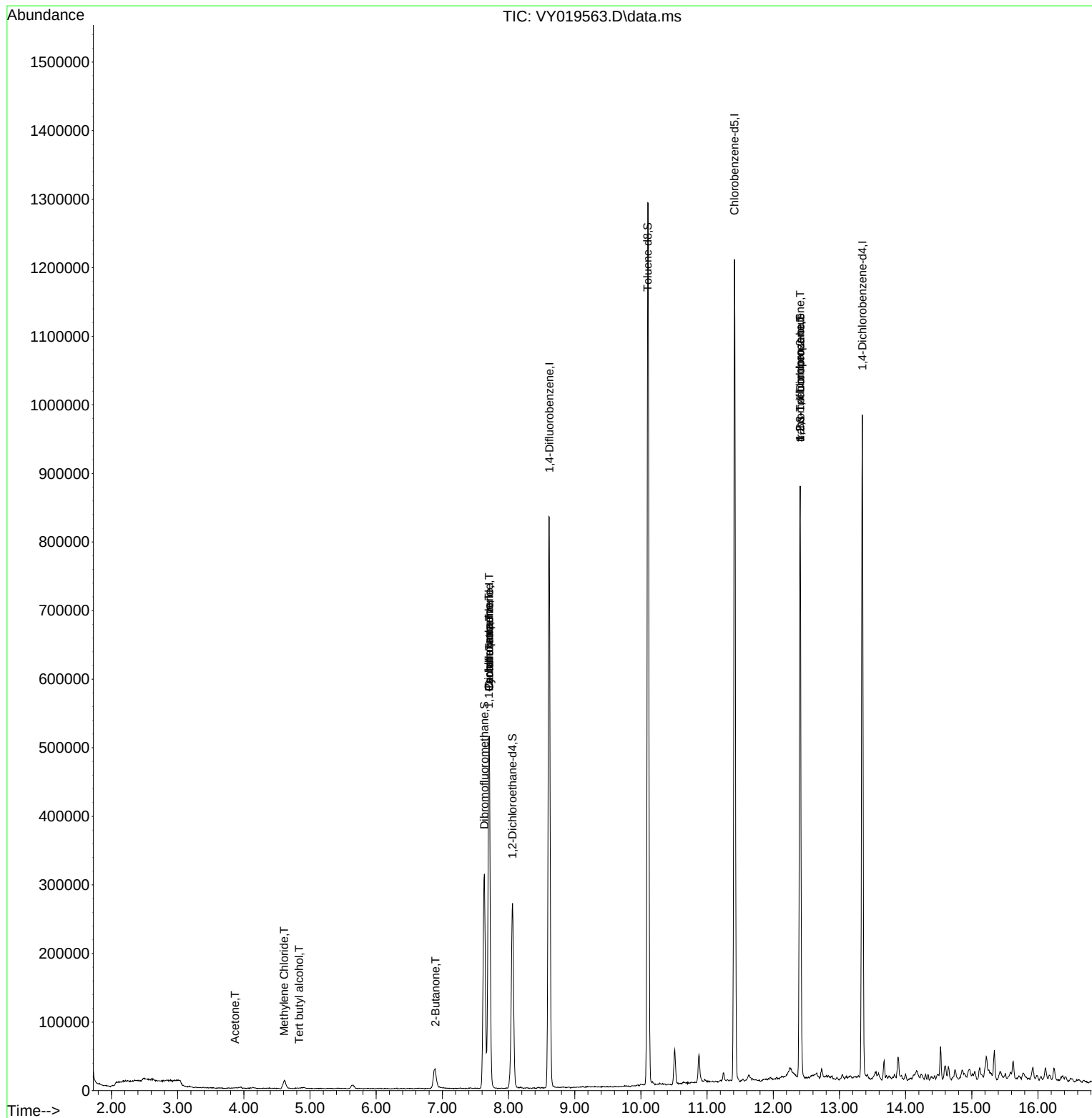
Internal Standards						
1) Pentafluorobenzene	7.707	168	384104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	723182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	629263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	234395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203935	57.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.680%	
35) Dibromofluoromethane	7.634	113	223460	54.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.103	98	847205	55.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.408	95	273268	46.861	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	93	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	498	1.734	ug/l #	88
13) Acrolein	3.671	56	222	Below Cal	#	1
16) Acetone	3.866	43	979	1.155	ug/l #	62
20) Methylene Chloride	4.610	84	8157	2.111	ug/l	92
25) 2-Butanone	6.896	43	2369	1.966	ug/l #	61
31) Cyclohexane	7.707	56	9152	1.438	ug/l #	11
36) 1,1-Dichloropropene	7.701	75	32710	5.863	ug/l #	48
38) Carbon Tetrachloride	7.707	117	40656	6.462	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	145612	66.279	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	145612	127.236	ug/l #	16

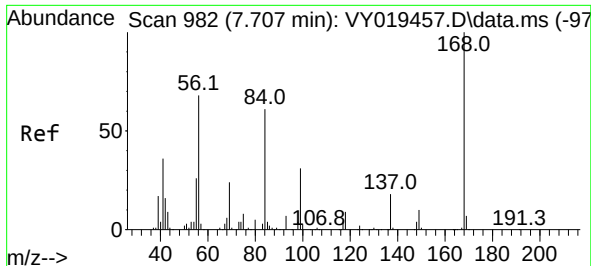
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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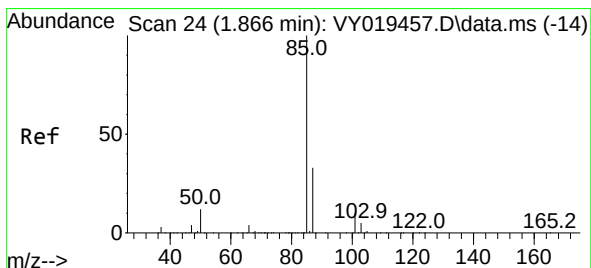
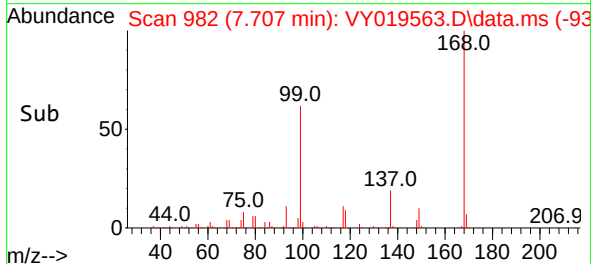
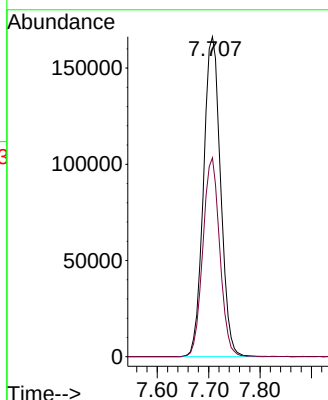
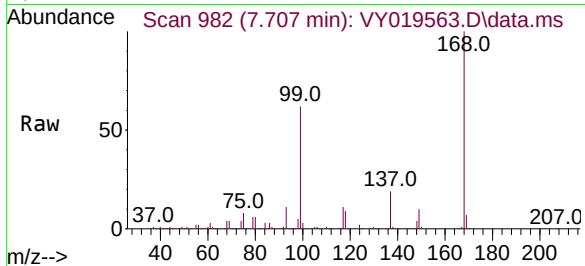




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

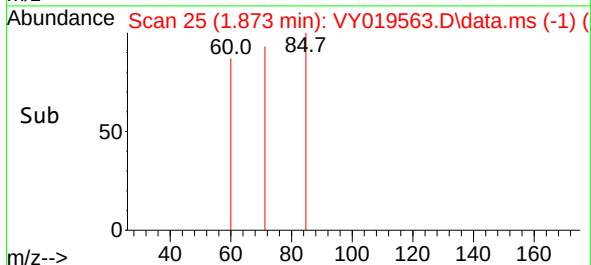
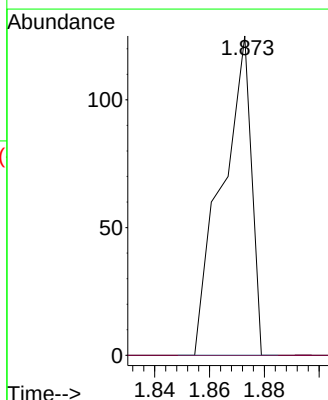
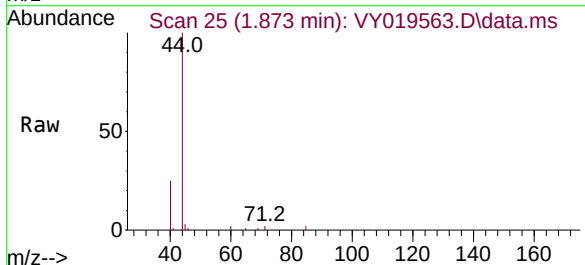
Instrument :
MSVOA_Y
ClientSampleId :

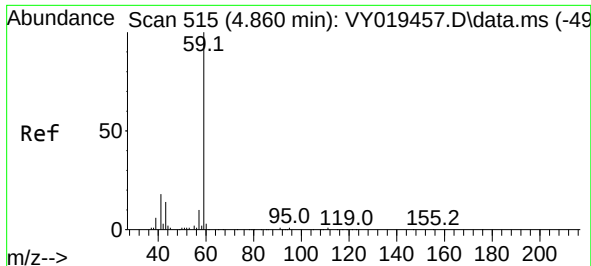
Tgt Ion:168 Resp: 384104
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 85 Resp: 93
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

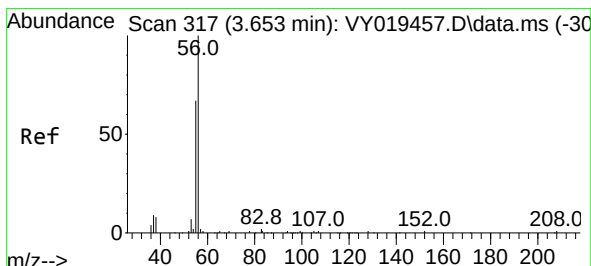
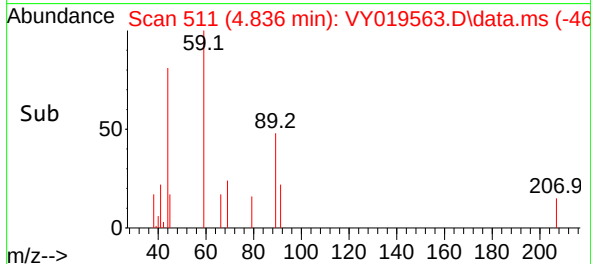
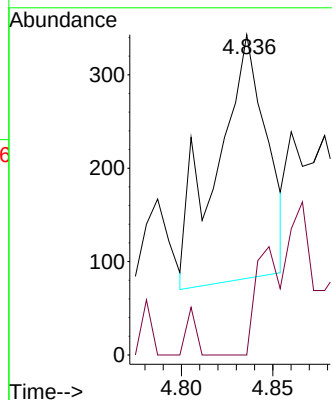
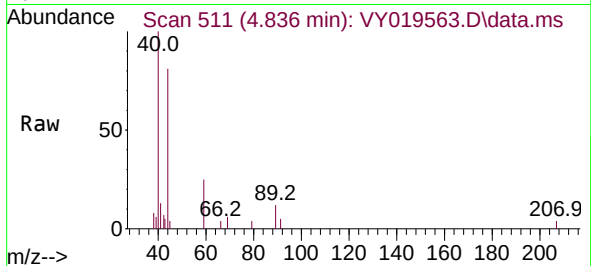




#11
Tert butyl alcohol
Concen: 1.734 ug/l
RT: 4.836 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

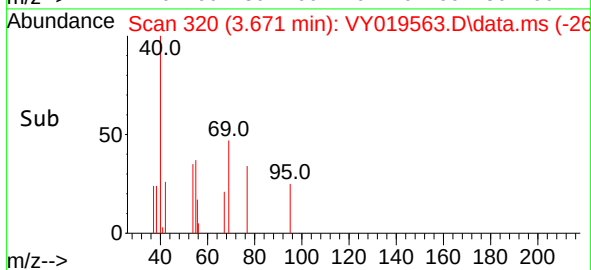
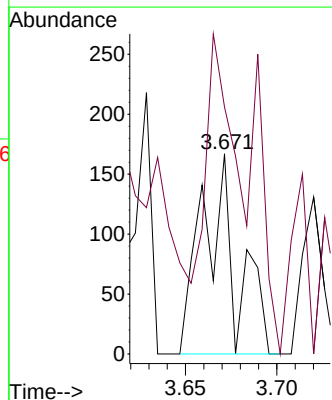
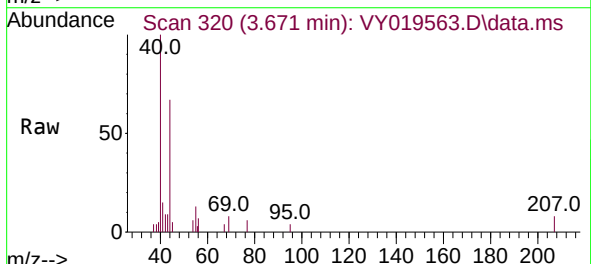
Instrument :
MSVOA_Y
ClientSampleId :

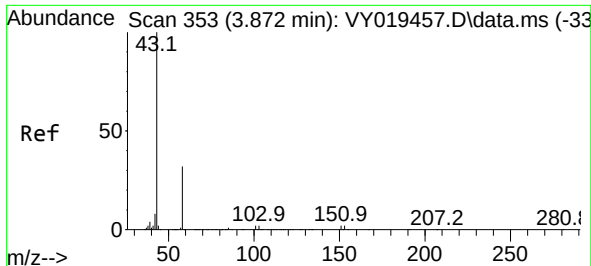
Tgt Ion: 59 Resp: 498
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.671 min Scan# 320
Delta R.T. 0.018 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 191.4 55.7 83.5#

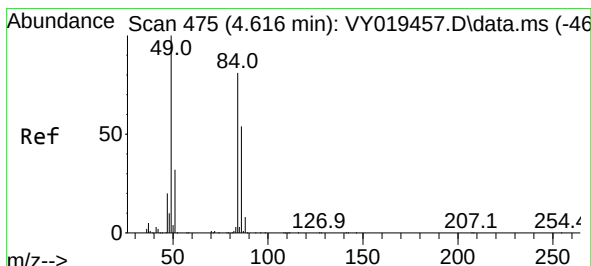
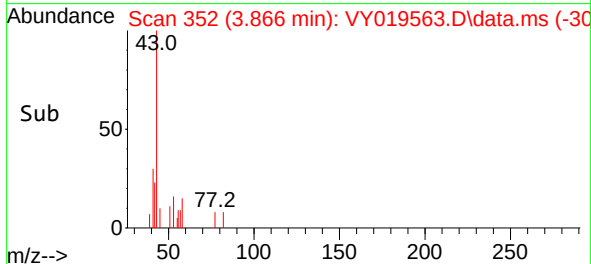
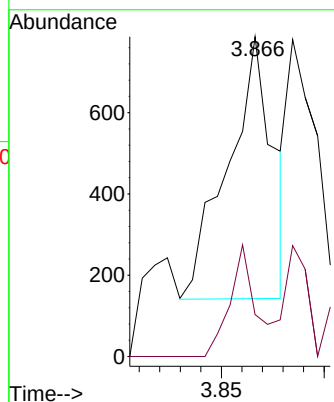
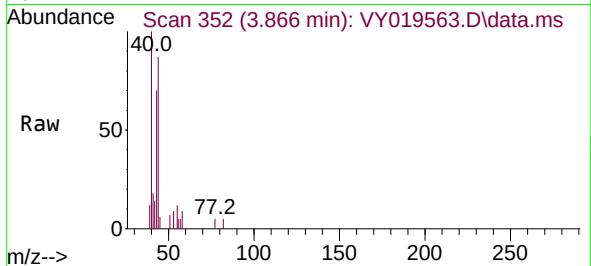




#16
Acetone
Concen: 1.155 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

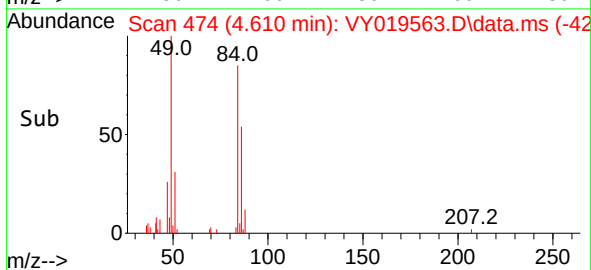
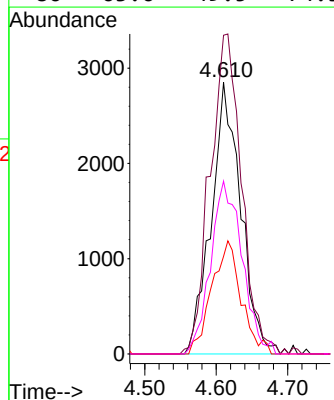
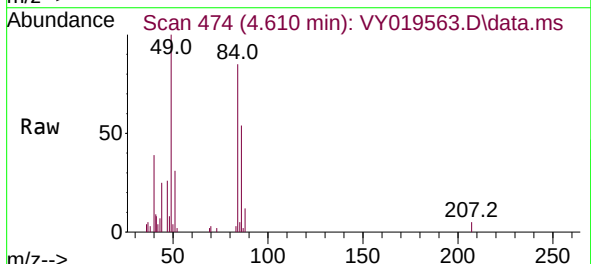
Instrument :
MSVOA_Y
ClientSampleId :

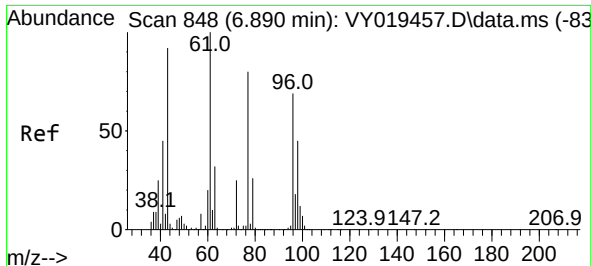
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 16.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.111 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 84 Resp: 8157
Ion Ratio Lower Upper
84 100
49 117.4 84.4 126.6
51 35.9 26.0 39.0
86 63.6 49.5 74.3

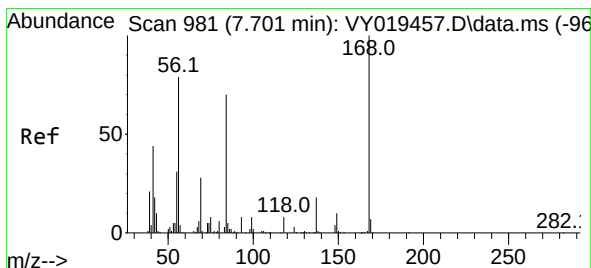
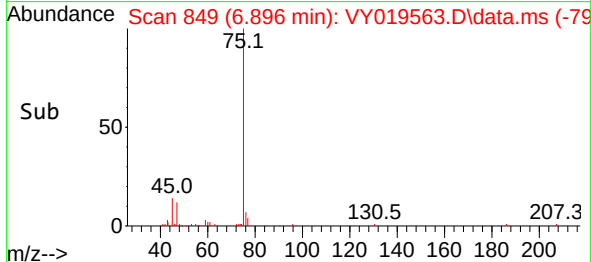
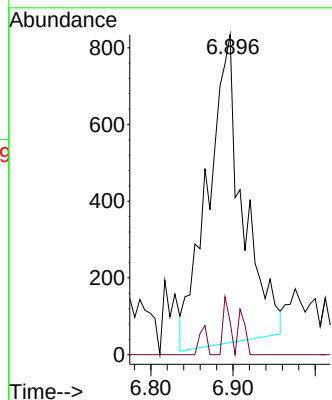
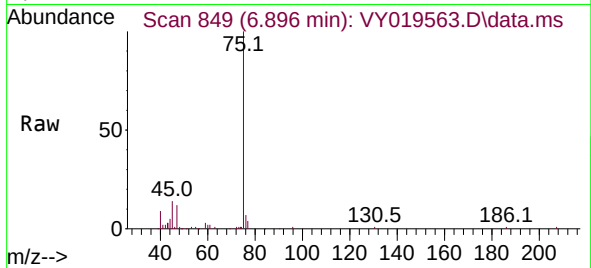




#25
2-Butanone
Concen: 1.966 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

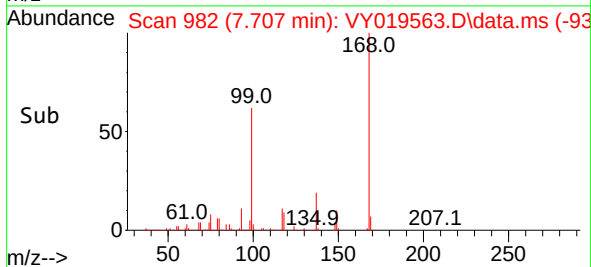
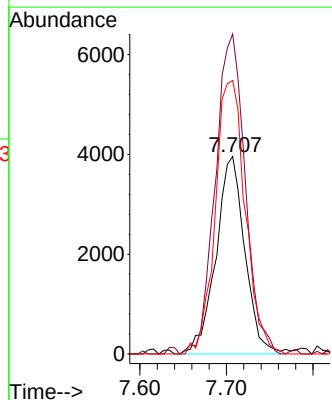
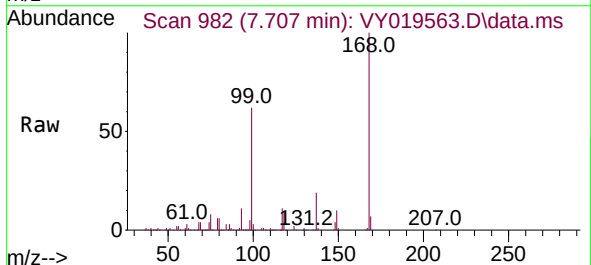
Instrument :
MSVOA_Y
ClientSampleId :

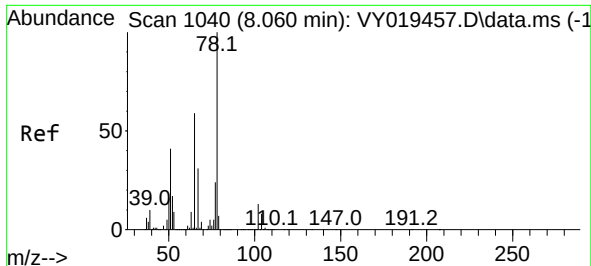
Tgt Ion: 43 Resp: 2369
Ion Ratio Lower Upper
43 100
72 11.7 27.3 40.9#



#31
Cyclohexane
Concen: 1.438 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 56 Resp: 9152
Ion Ratio Lower Upper
56 100
69 162.1 28.7 43.1#
84 138.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.338 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019563.D

Acq: 16 Sep 2024 13:56

Instrument :

MSVOA_Y

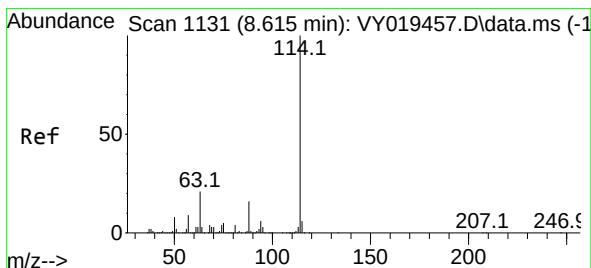
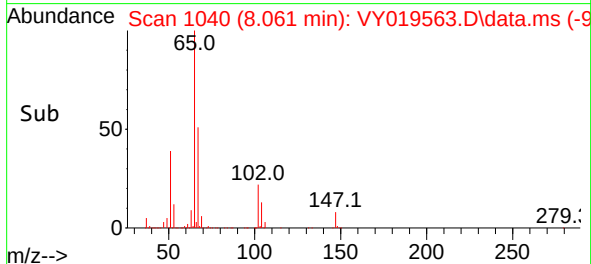
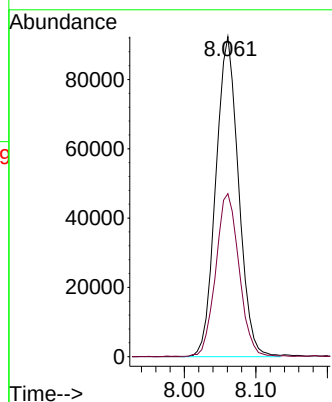
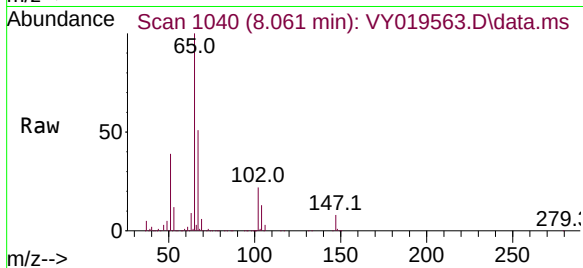
ClientSampleId :

Tgt Ion: 65 Resp: 203935

Ion Ratio Lower Upper

65 100

67 52.1 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: VY019563.D

Acq: 16 Sep 2024 13:56

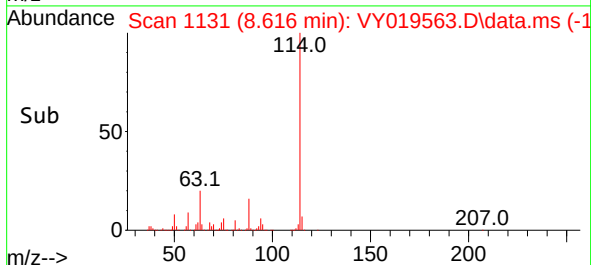
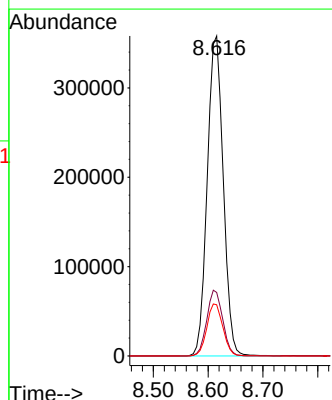
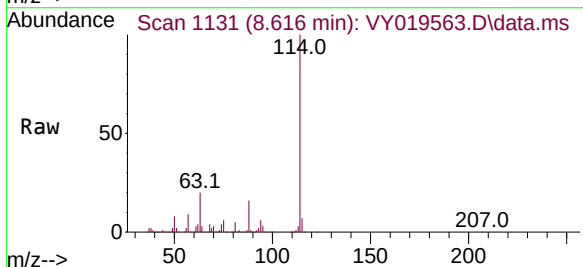
Tgt Ion: 114 Resp: 723182

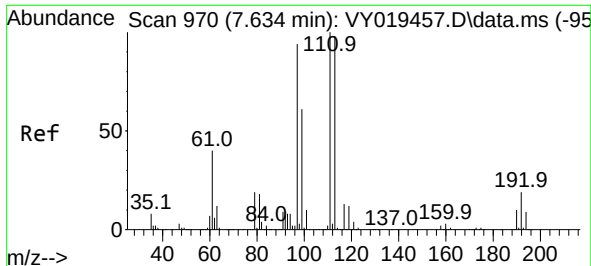
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

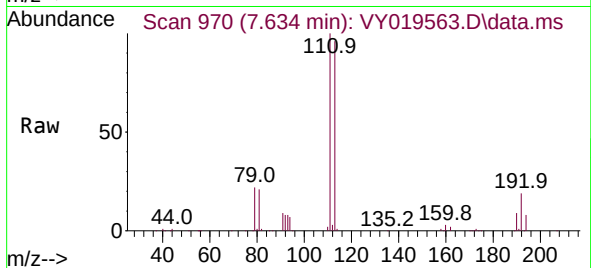
88 16.0 0.0 27.2



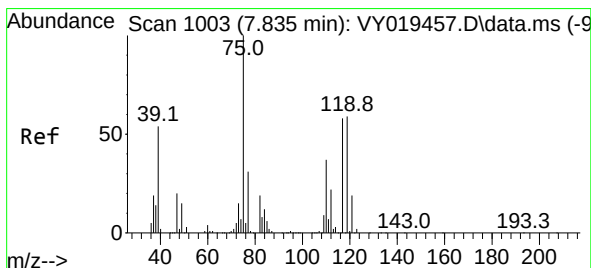
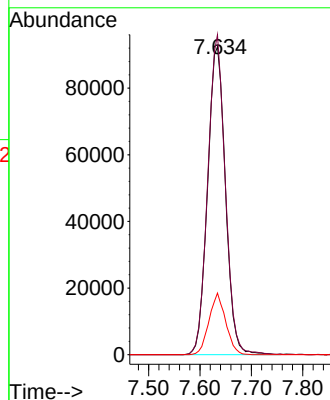
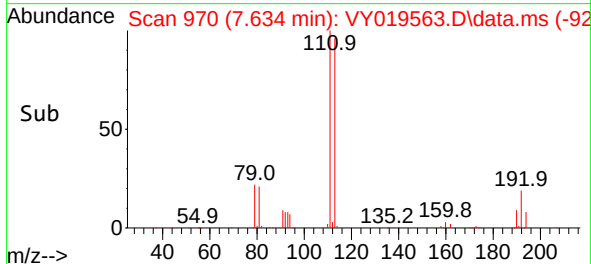


#35
Dibromofluoromethane
Concen: 54.498 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :

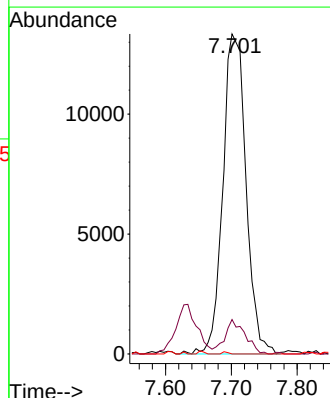
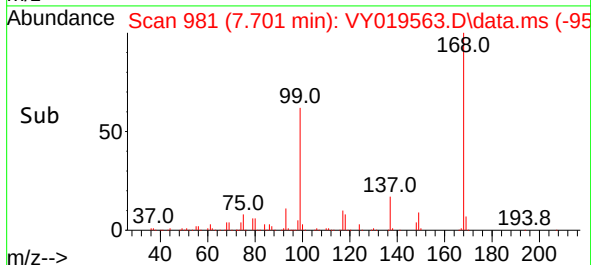
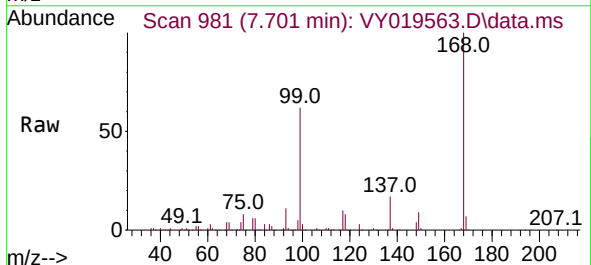


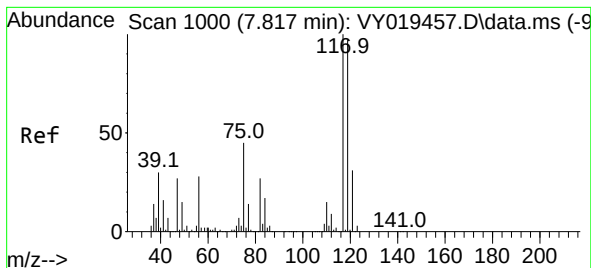
Tgt Ion:113 Resp: 223460
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.863 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 75 Resp: 32710
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY019563.D

Acq: 16 Sep 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

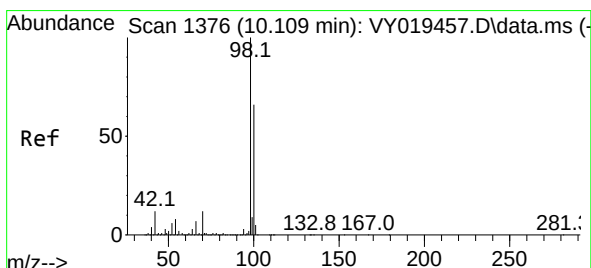
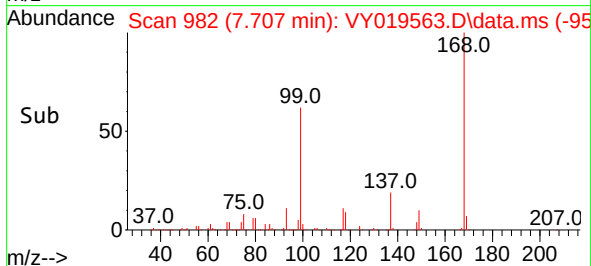
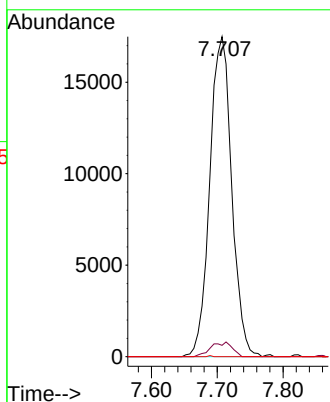
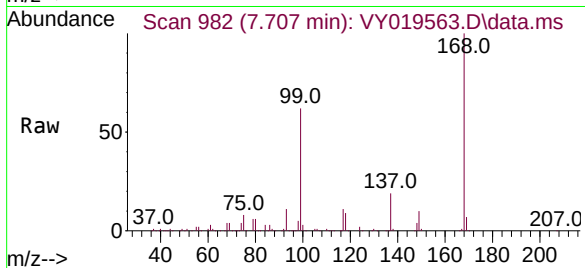
Tgt Ion:117 Resp: 40656

Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 55.862 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019563.D

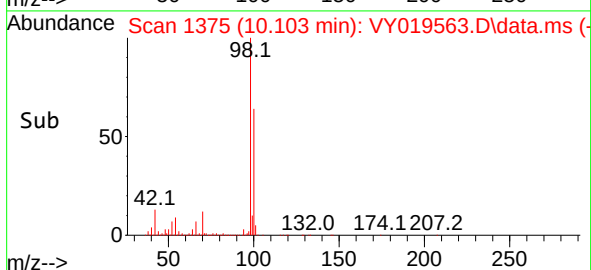
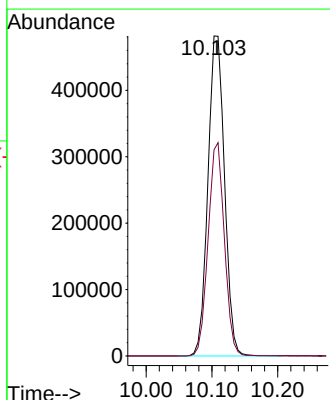
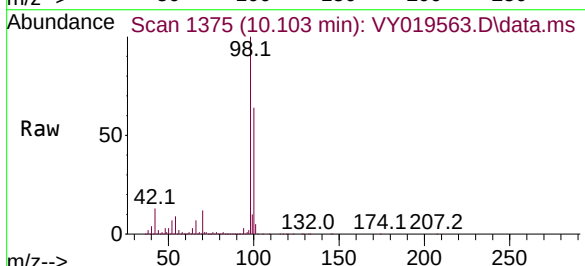
Acq: 16 Sep 2024 13:56

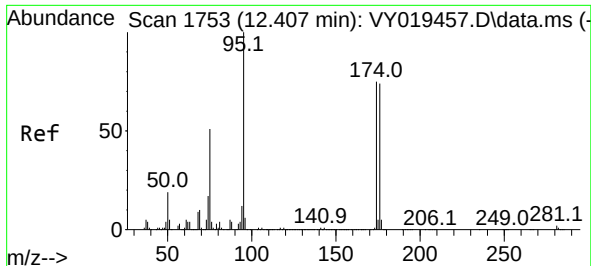
Tgt Ion: 98 Resp: 847205

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

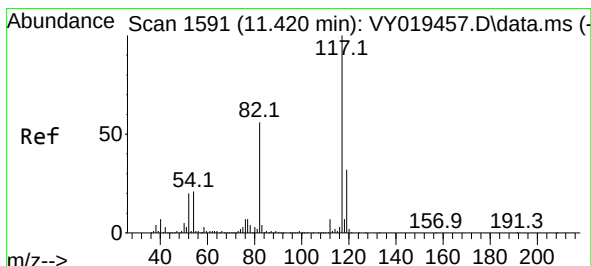
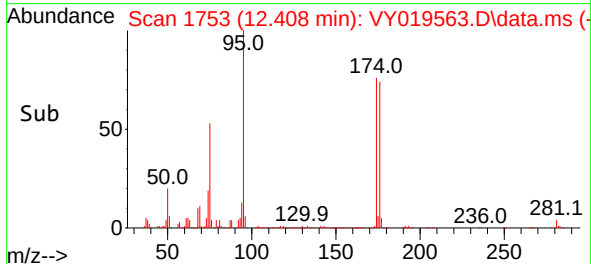
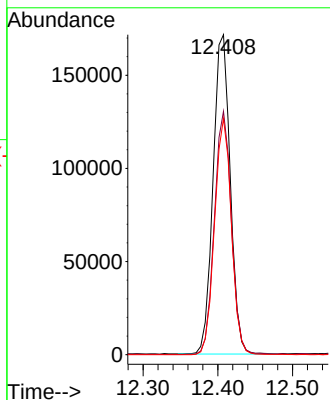
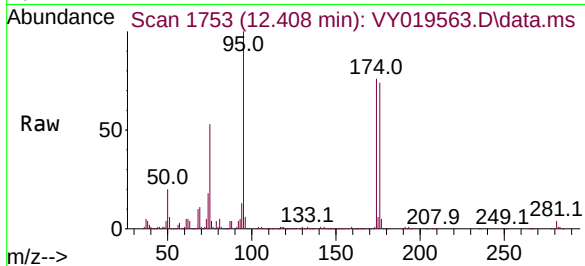




#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

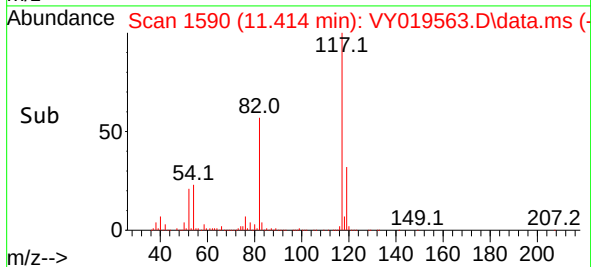
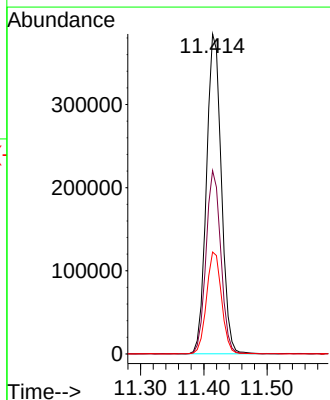
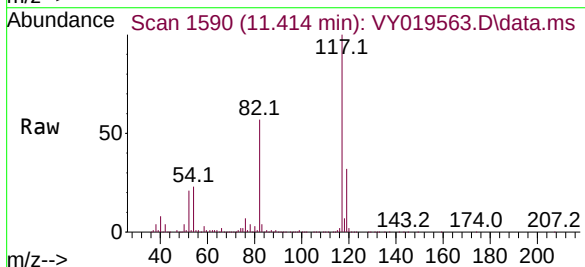
Instrument :
MSVOA_Y
ClientSampleId :

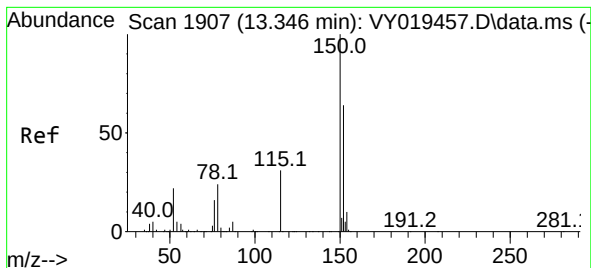
Tgt Ion: 95 Resp: 273268
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 72.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 117 Resp: 629263
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.8 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: VY019563.D

Acq: 16 Sep 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

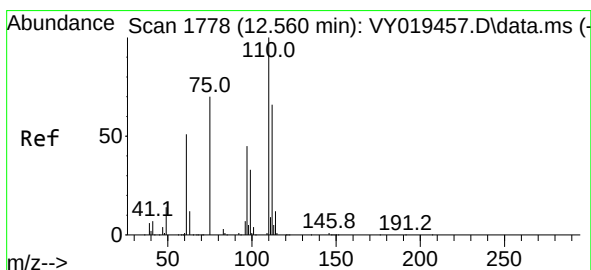
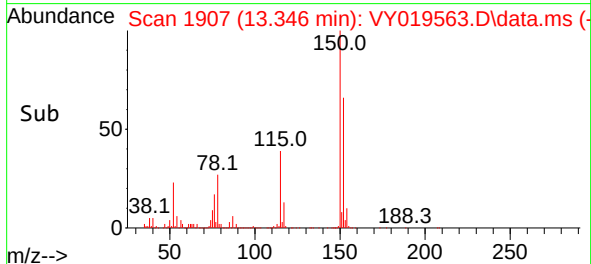
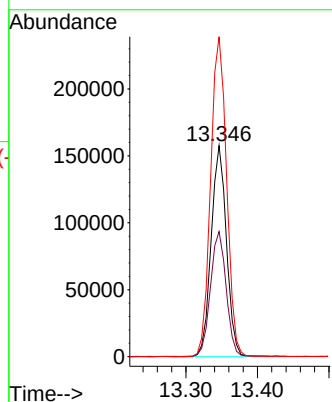
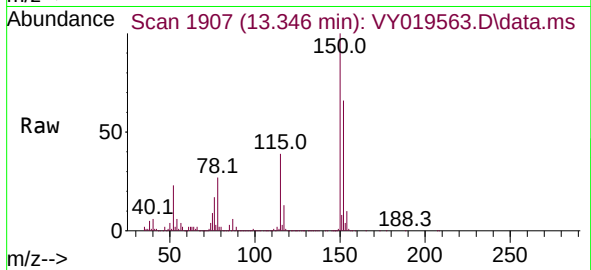
Tgt Ion:152 Resp: 234395

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.279 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019563.D

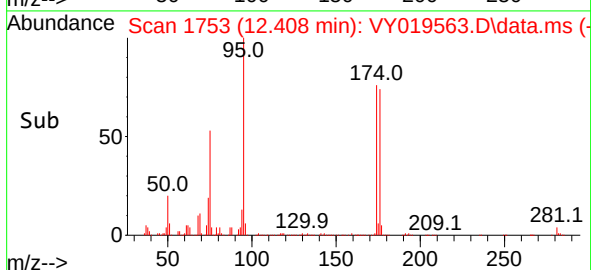
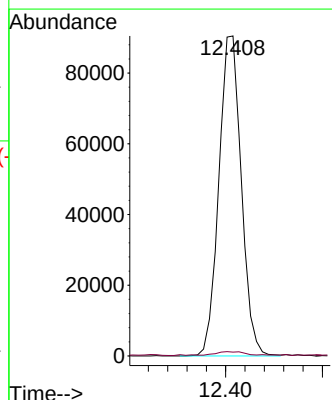
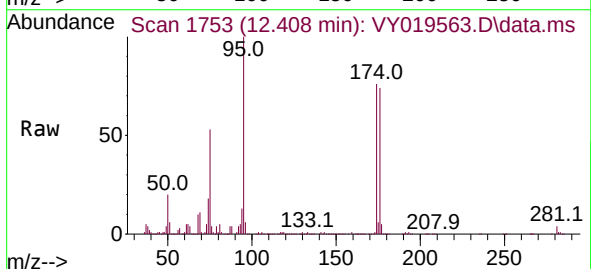
Acq: 16 Sep 2024 13:56

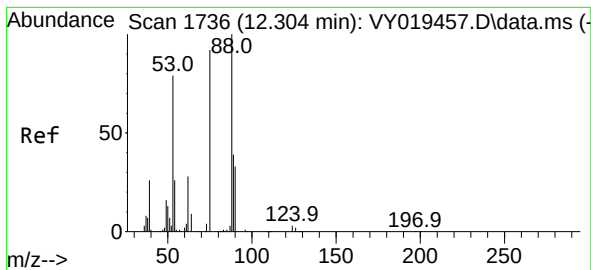
Tgt Ion: 75 Resp: 145612

Ion Ratio Lower Upper

75 100

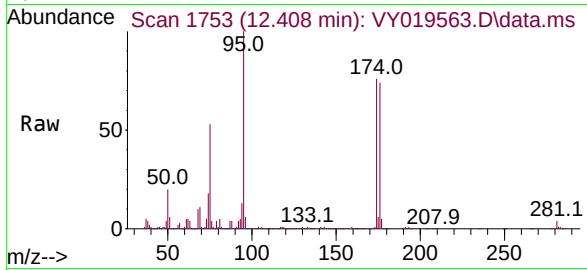
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.236 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019563.D
 Acq: 16 Sep 2024 13:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 145612
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

