

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019710.D
 Acq On : 26 Sep 2024 13:52
 Operator : SY/MD
 Sample : P4192-03
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 02:01:48 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	306522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	579818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	503054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	193780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166432	58.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.280%
35) Dibromofluoromethane	7.628	113	180493	54.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.800%
50) Toluene-d8	10.109	98	685317	56.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.720%
62) 4-Bromofluorobenzene	12.408	95	213979	45.767	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.540%

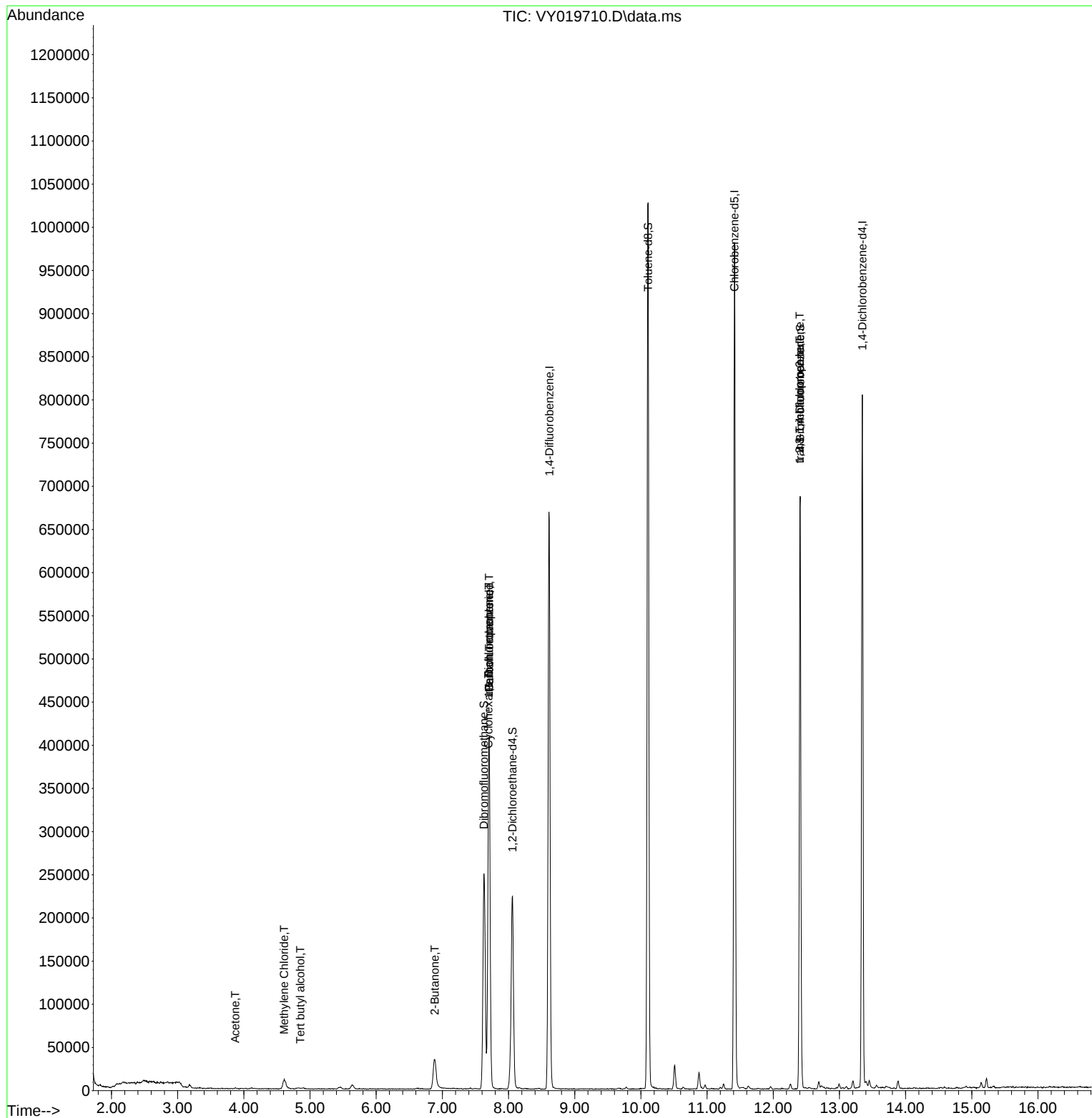
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	50	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	836	3.647	ug/l	# 88
16) Acetone	3.873	43	1539	2.276	ug/l	# 66
20) Methylene Chloride	4.610	84	8056	2.612	ug/l	# 93
25) 2-Butanone	6.884	43	2275	2.366	ug/l	# 58
31) Cyclohexane	7.695	56	7288	1.435	ug/l	# 11
36) 1,1-Dichloropropene	7.701	75	25520	5.705	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	32924	6.527	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	115469	63.574	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	115469	122.044	ug/l	# 16

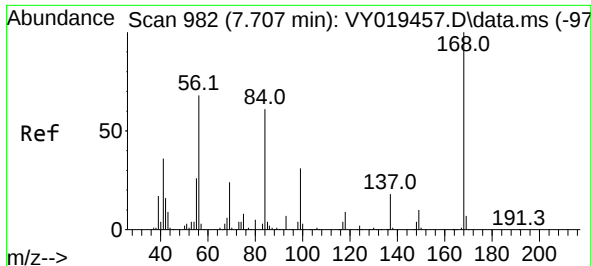
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
Data File : VY019710.D
Acq On : 26 Sep 2024 13:52
Operator : SY/MD
Sample : P4192-03
Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 27 02:01:48 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

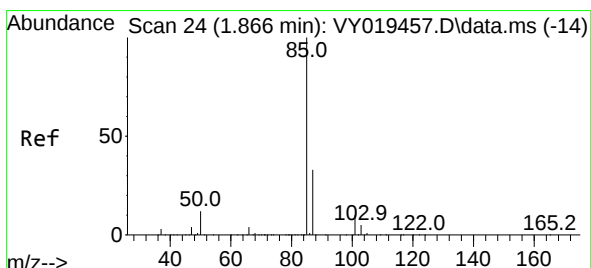
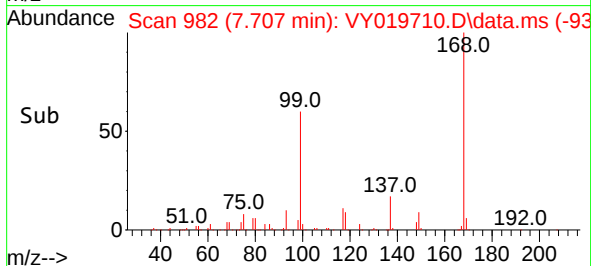
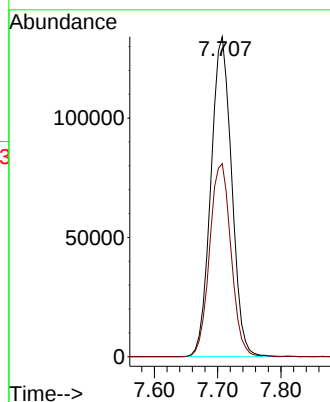
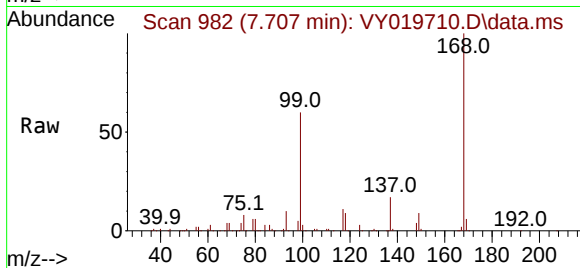




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

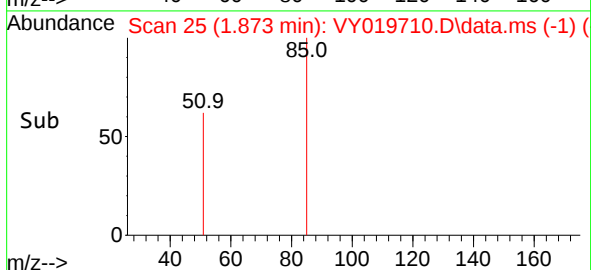
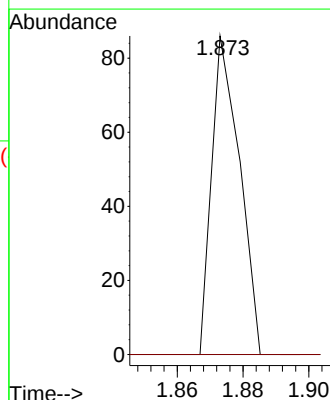
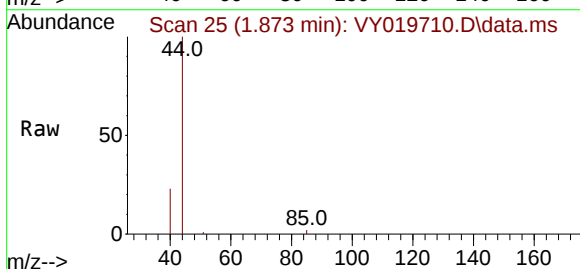
Instrument :
MSVOA_Y
ClientSampleId :

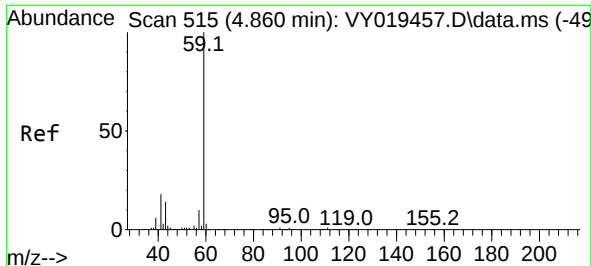
Tgt Ion:168 Resp: 306522
Ion Ratio Lower Upper
168 100
99 60.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

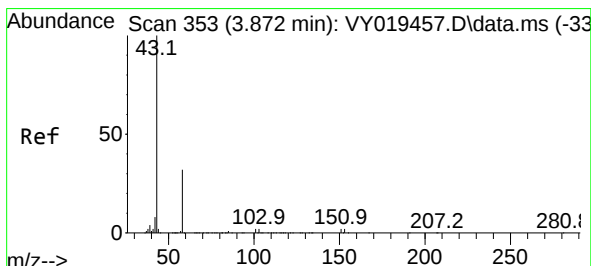
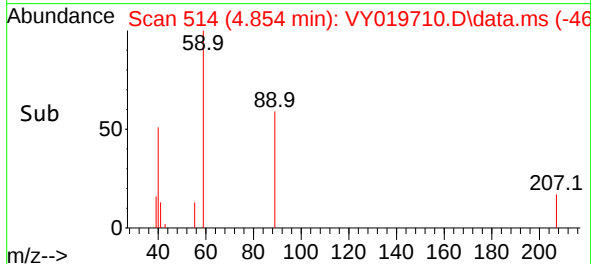
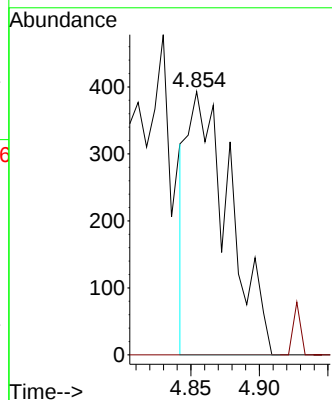
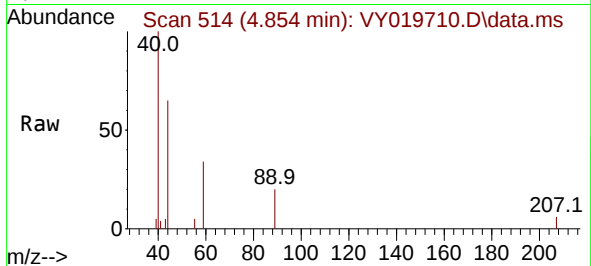




#11
Tert butyl alcohol
Concen: 3.647 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

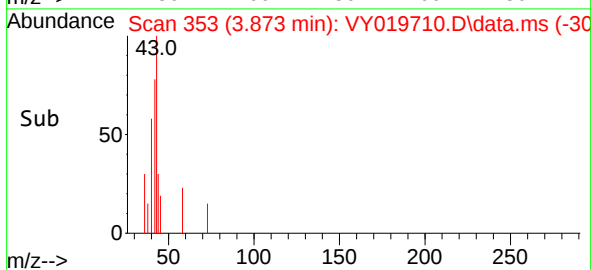
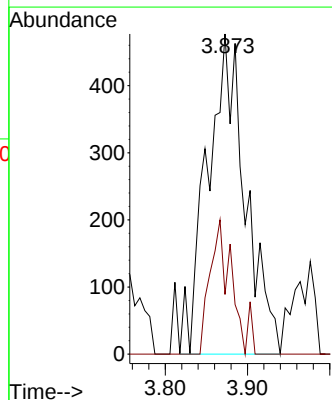
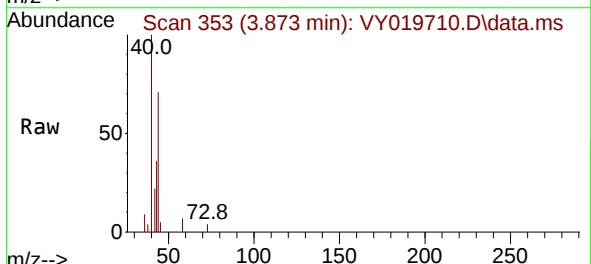
Instrument :
MSVOA_Y
ClientSampleId :

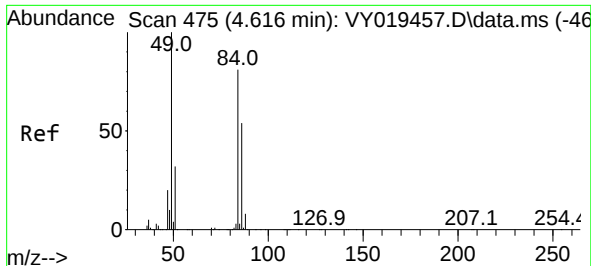
Tgt Ion: 59 Resp: 836
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 2.276 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

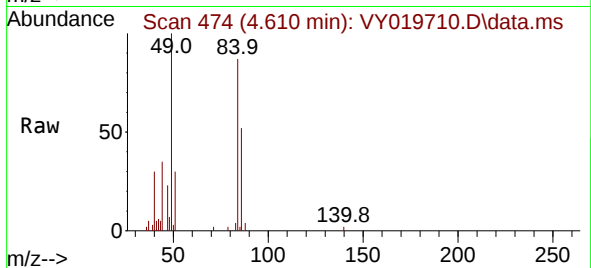
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 18.7 31.7 47.5#



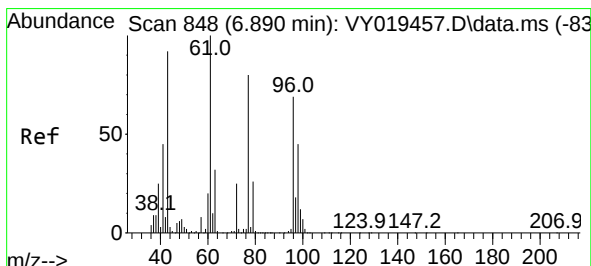
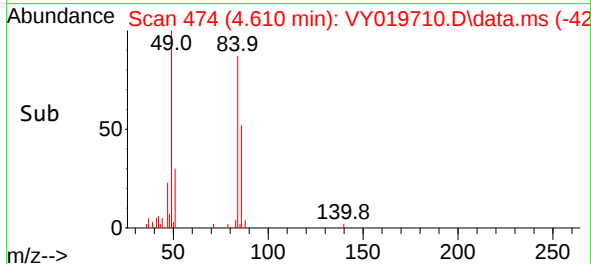
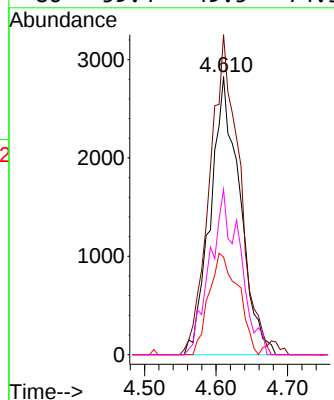


#20
Methylene Chloride
Concen: 2.612 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

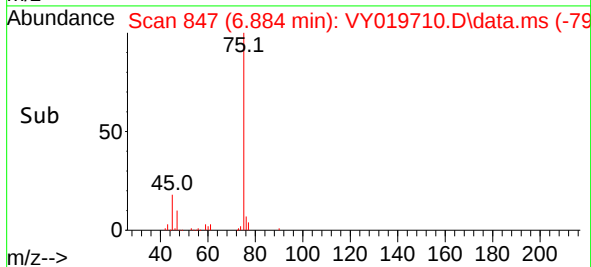
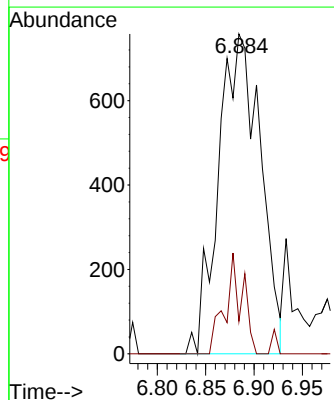
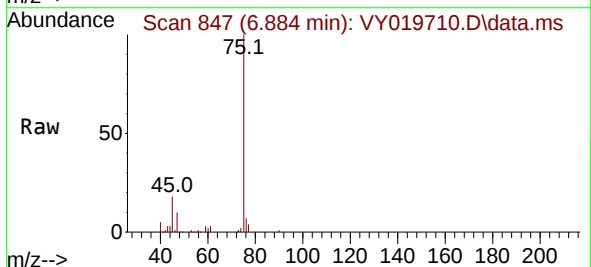


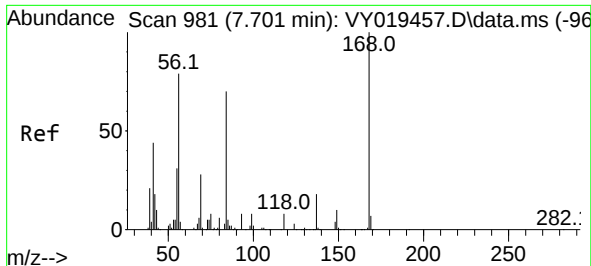
Tgt Ion:	84	Resp:	8056
Ion	Ratio	Lower	Upper
84	100		
49	115.1	84.4	126.6
51	35.1	26.0	39.0
86	59.4	49.5	74.3



#25
2-Butanone
Concen: 2.366 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

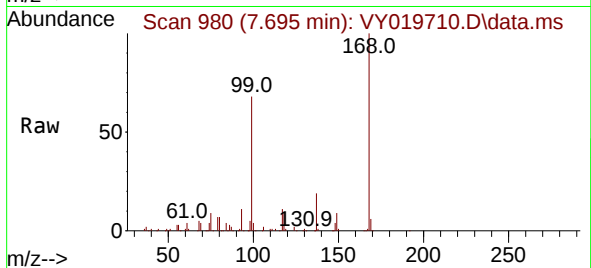
Tgt Ion:	43	Resp:	2275
Ion	Ratio	Lower	Upper
43	100		
72	10.2	27.3	40.9#



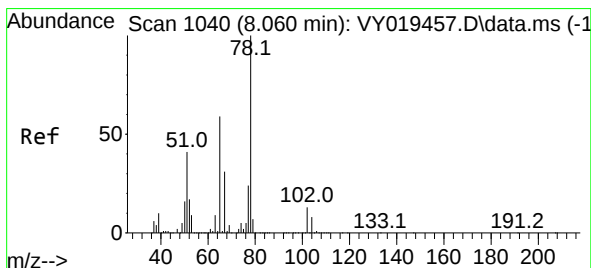
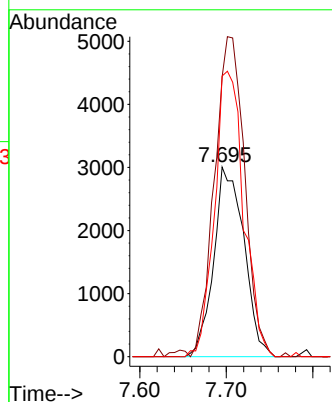
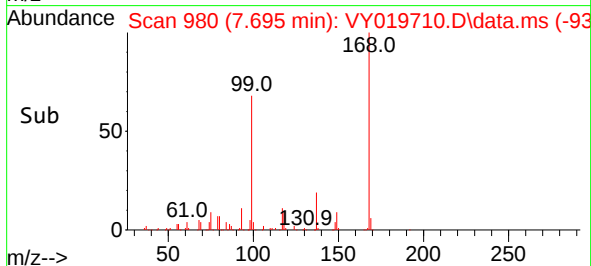


#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

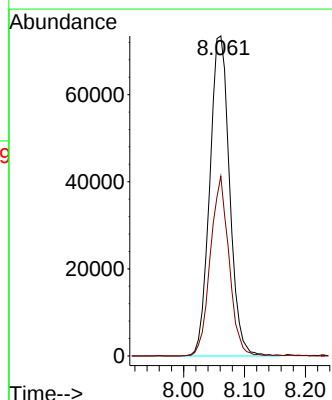
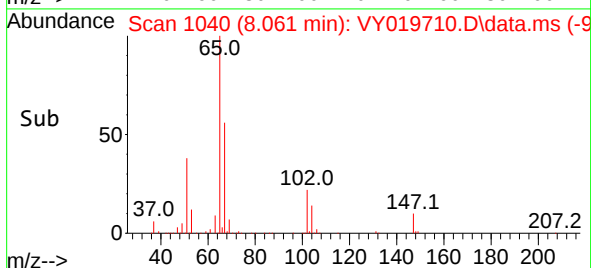
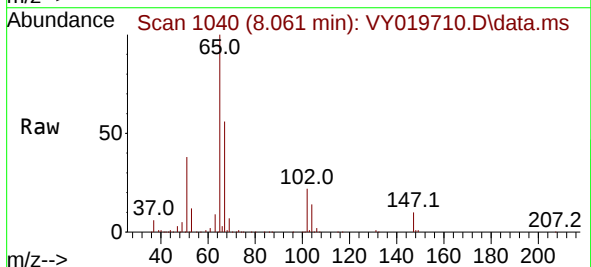


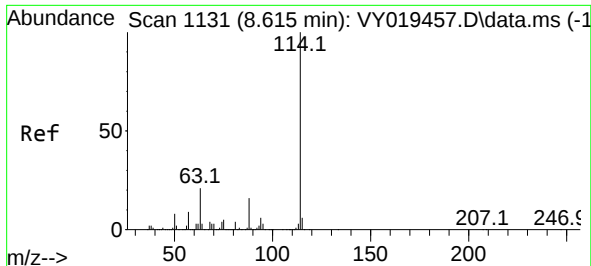
Tgt Ion: 56 Resp: 7288
Ion Ratio Lower Upper
56 100
69 147.5 28.7 43.1#
84 148.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.637 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion: 65 Resp: 166432
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

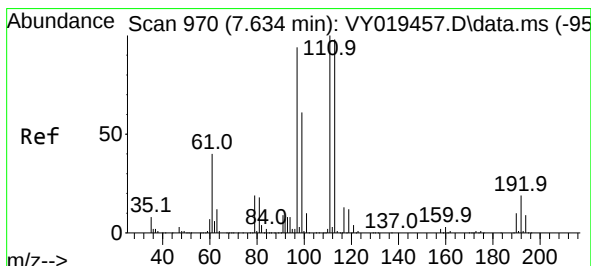
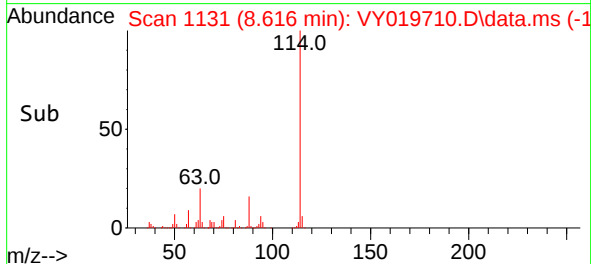
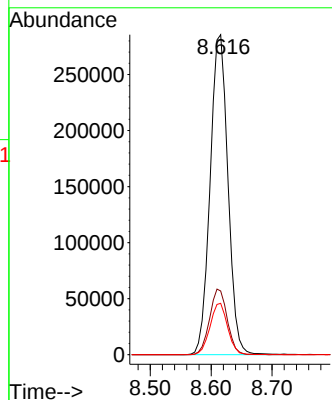
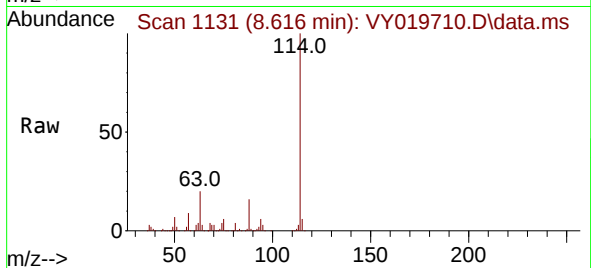




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

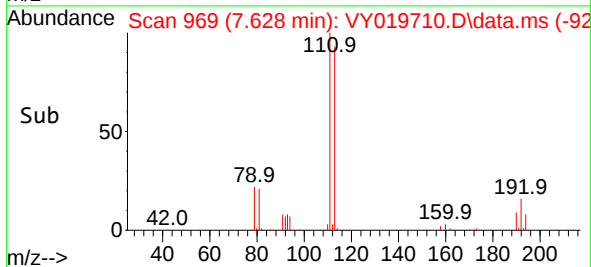
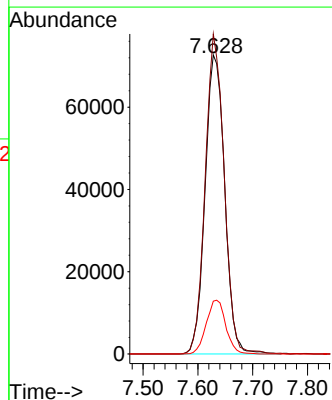
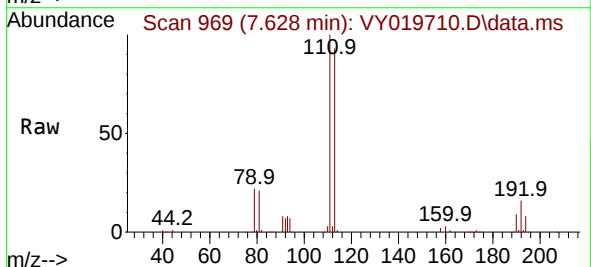
Instrument :
MSVOA_Y
ClientSampleId :

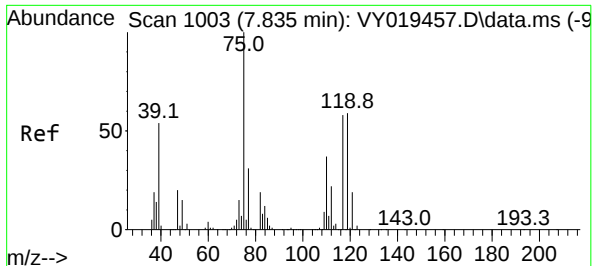
Tgt Ion:114 Resp: 579818
Ion Ratio Lower Upper
114 100
63 19.9 0.0 35.0
88 16.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.903 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion:113 Resp: 180493
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.705 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019710.D

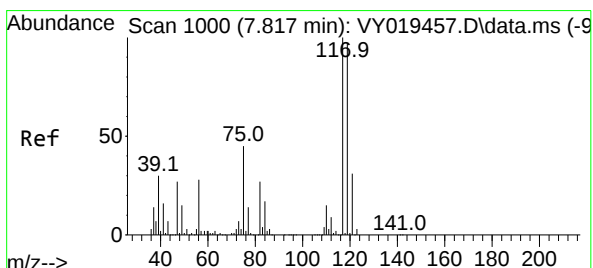
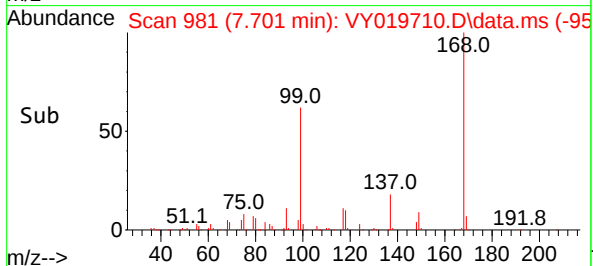
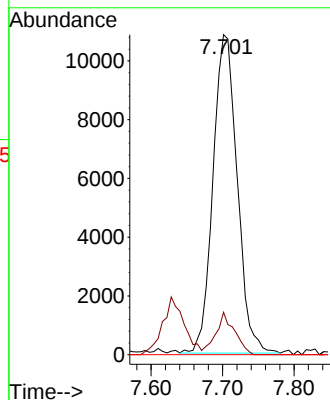
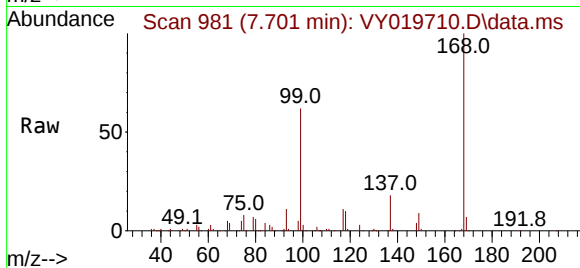
Acq: 26 Sep 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	25520
Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.527 ug/l

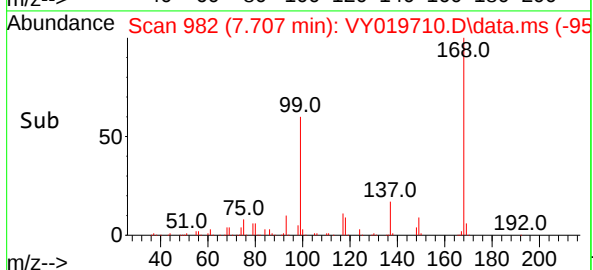
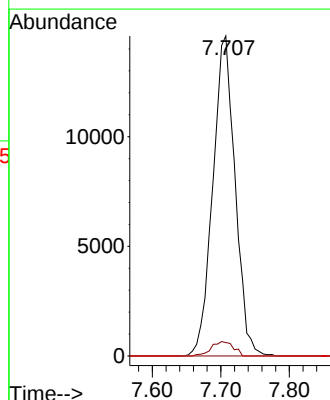
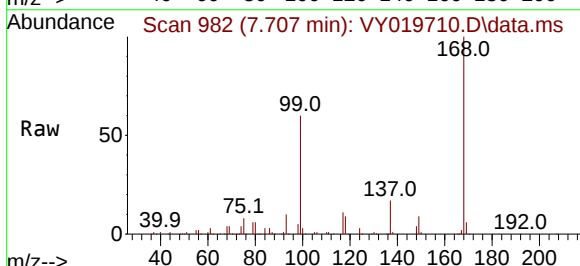
RT: 7.707 min Scan# 982

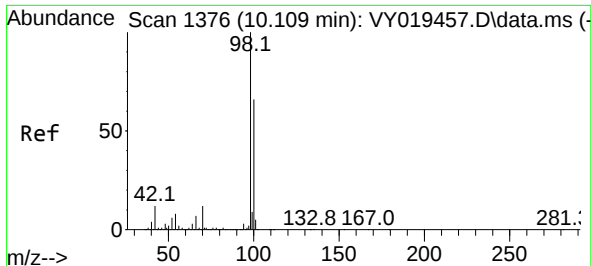
Delta R.T. -0.109 min

Lab File: VY019710.D

Acq: 26 Sep 2024 13:52

Tgt Ion:	117	Resp:	32924
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.6#
121	0.0	24.0	36.0#

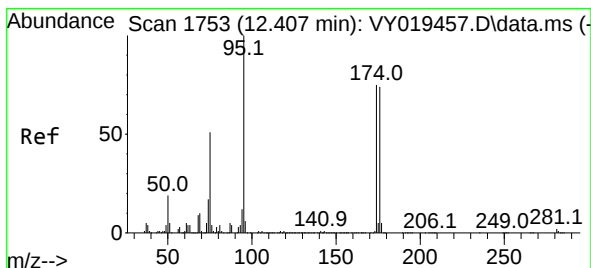
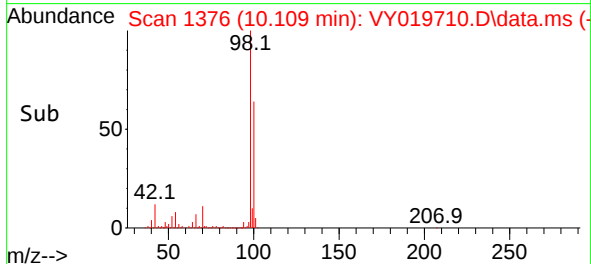
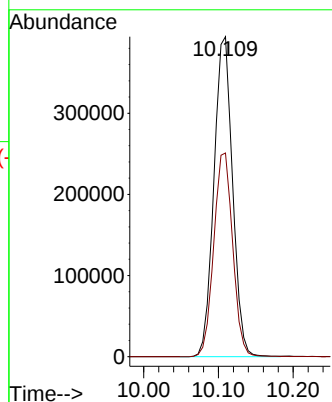
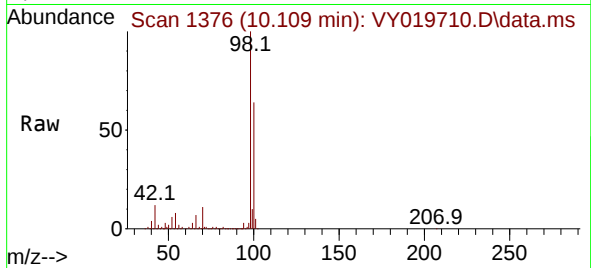




#50
Toluene-d8
Concen: 56.360 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

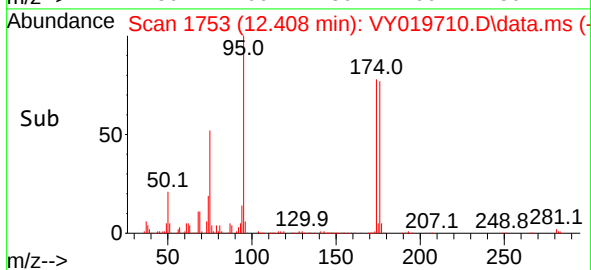
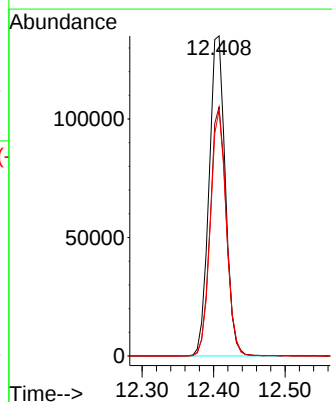
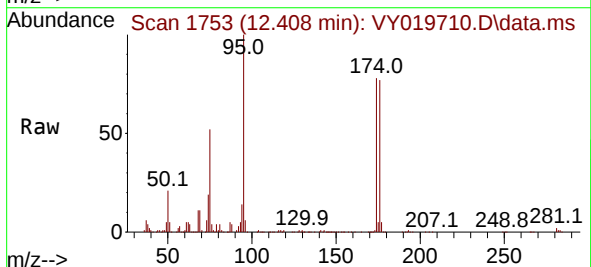
Instrument :
MSVOA_Y
ClientSampleId :

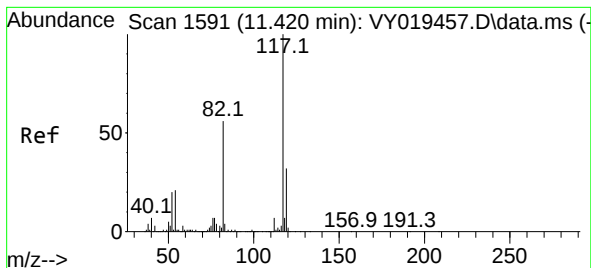
Tgt Ion: 98 Resp: 685317
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.767 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019710.D
Acq: 26 Sep 2024 13:52

Tgt Ion: 95 Resp: 213979
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 75.0 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: VY019710.D

Acq: 26 Sep 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

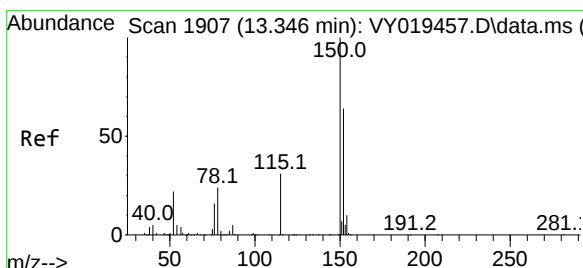
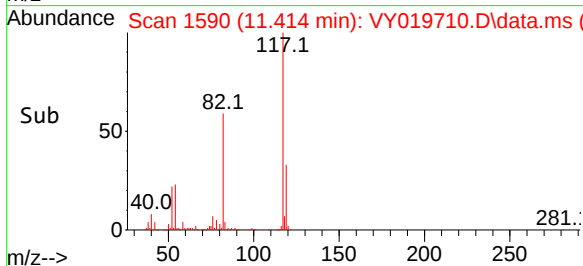
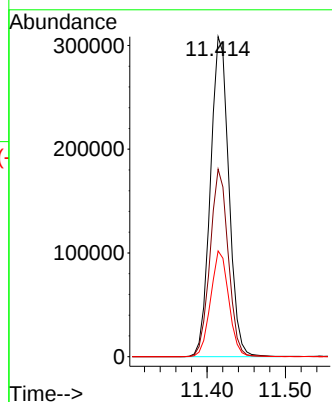
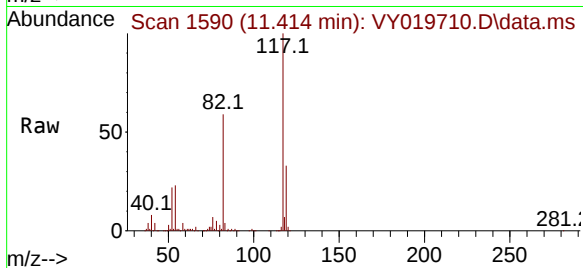
Tgt Ion:117 Resp: 503054

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 33.0 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: VY019710.D

Acq: 26 Sep 2024 13:52

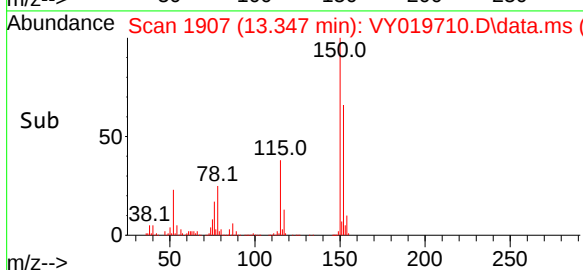
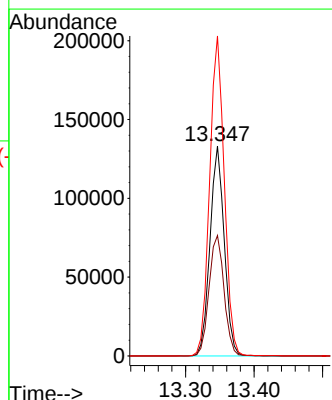
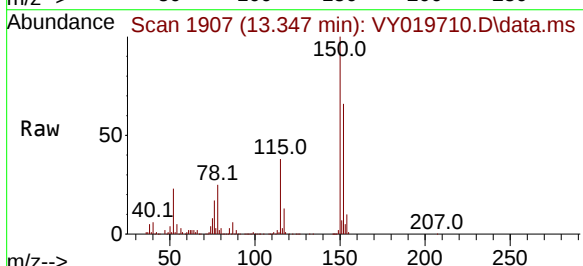
Tgt Ion:152 Resp: 193780

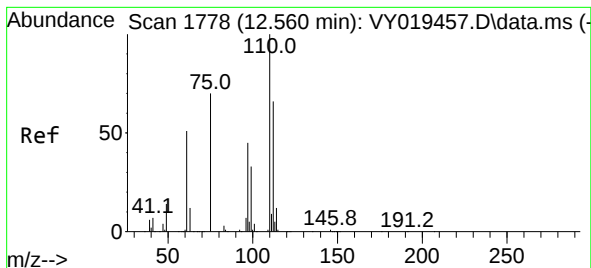
Ion Ratio Lower Upper

152 100

115 60.4 28.2 84.7

150 156.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 63.574 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019710.D

Acq: 26 Sep 2024 13:52

Instrument :

MSVOA_Y

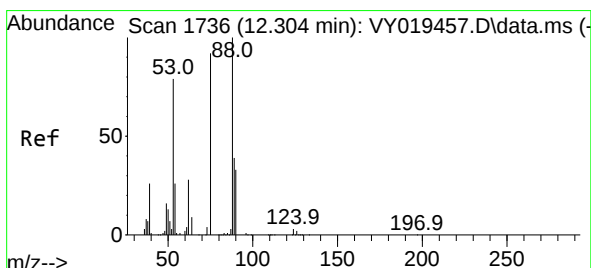
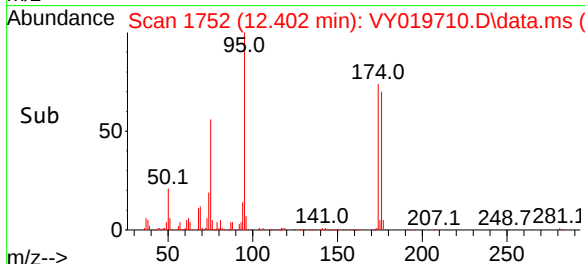
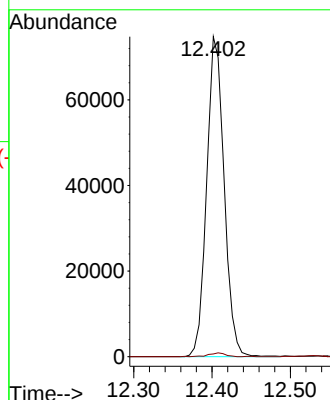
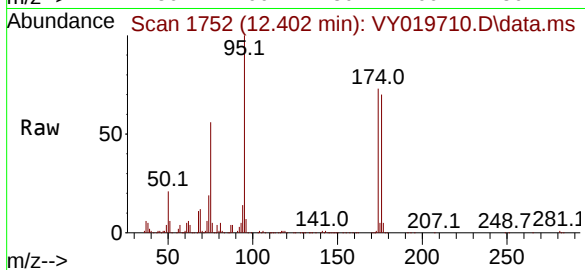
ClientSampleId :

Tgt Ion: 75 Resp: 115469

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.044 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019710.D

Acq: 26 Sep 2024 13:52

Tgt Ion: 75 Resp: 115469

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

