

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019616.D
 Acq On : 18 Sep 2024 19:15
 Operator : SY/MD
 Sample : P4088-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:27:56 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)

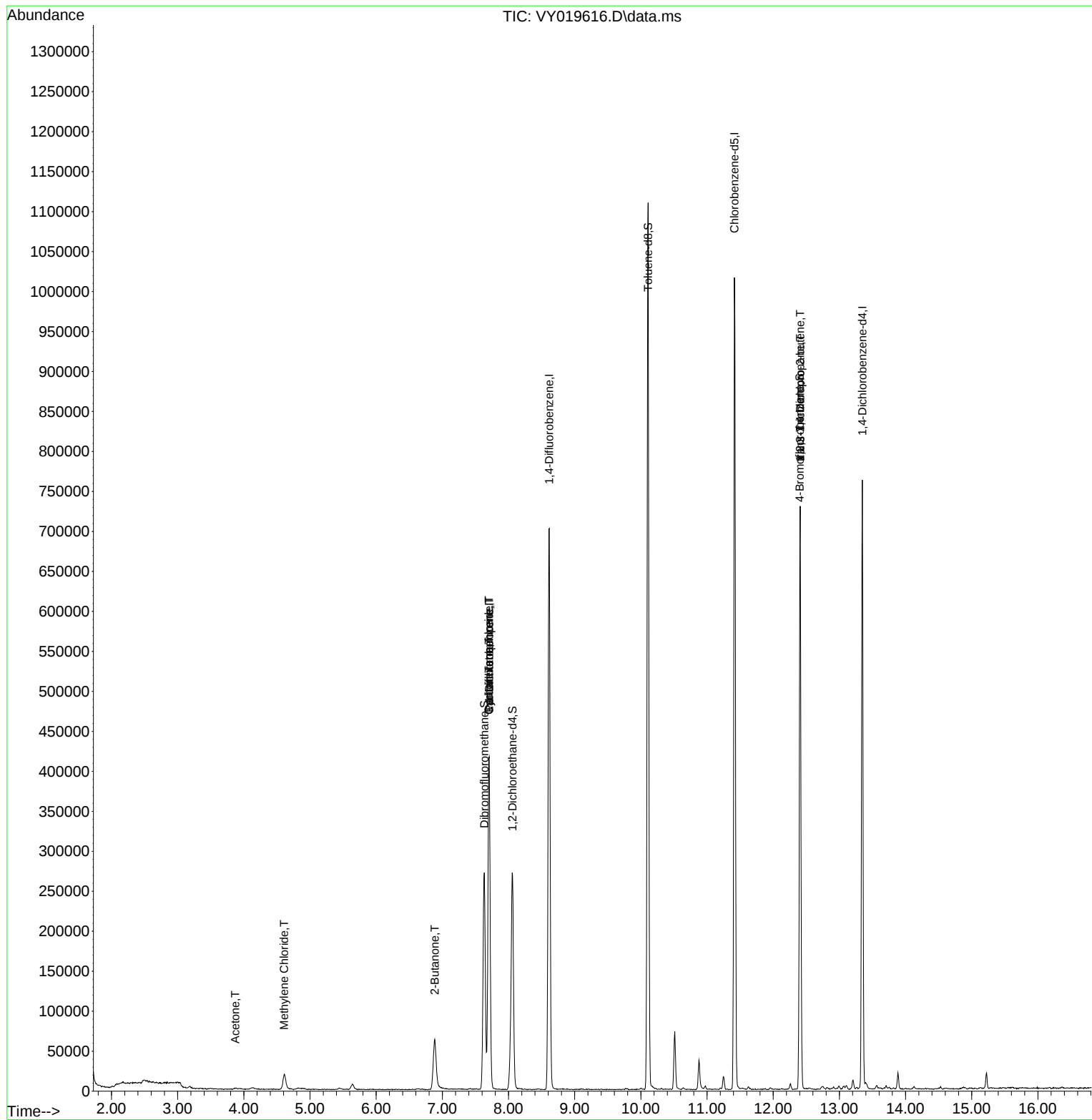
Internal Standards						
1) Pentafluorobenzene	7.707	168	312350	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	605831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	530865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193537	66.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.820%	
35) Dibromofluoromethane	7.634	113	194992	56.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.540%	
50) Toluene-d8	10.109	98	721459	56.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.580%	
62) 4-Bromofluorobenzene	12.401	95	220034	45.041	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	159	Below Cal	#	43
13) Acrolein	3.647	56	59	Below Cal	#	71
16) Acetone	3.872	43	2304	3.344	ug/l	# 75
20) Methylene Chloride	4.610	84	13096	4.168	ug/l	89
25) 2-Butanone	6.884	43	4002	4.084	ug/l	# 74
31) Cyclohexane	7.701	56	7879	1.522	ug/l	# 10
36) 1,1-Dichloropropene	7.707	75	27844	5.957	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	34311	6.510	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	120353	71.883	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	120353	137.994	ug/l	# 16

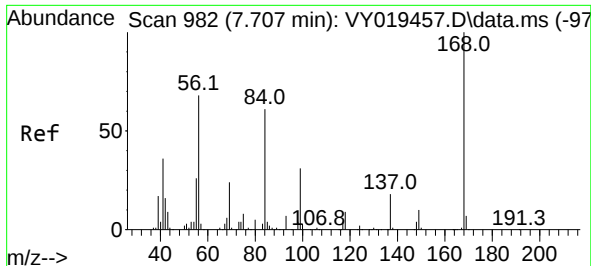
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019616.D
Acq On : 18 Sep 2024 19:15
Operator : SY/MD
Sample : P4088-03
Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 01:27:56 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

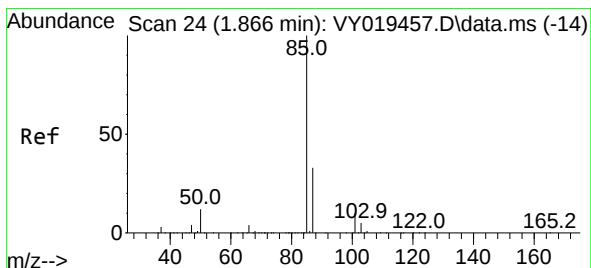
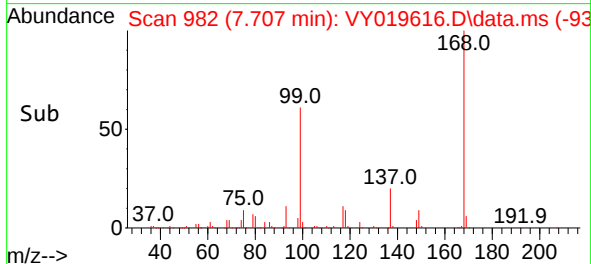
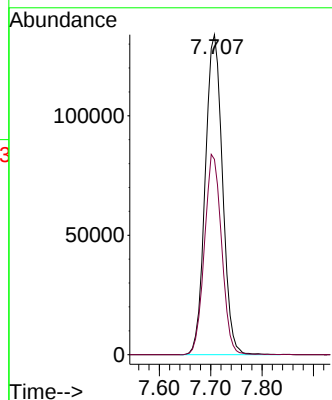
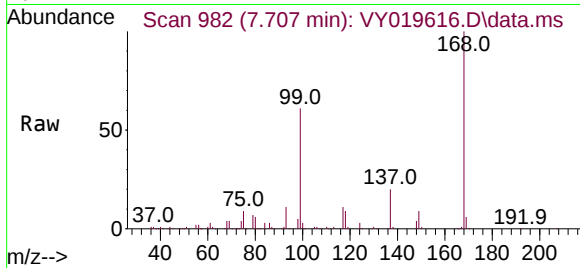




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

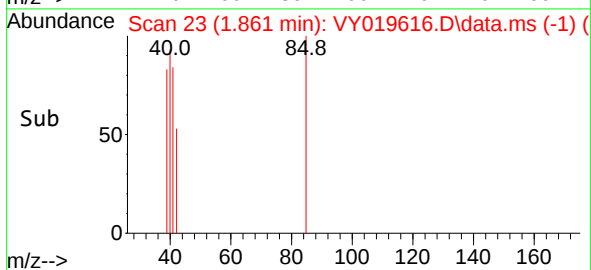
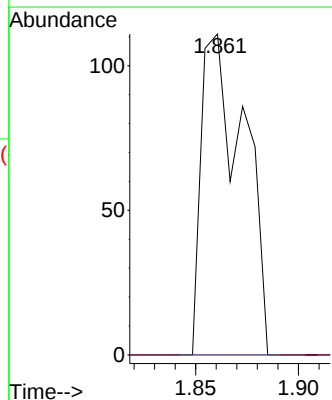
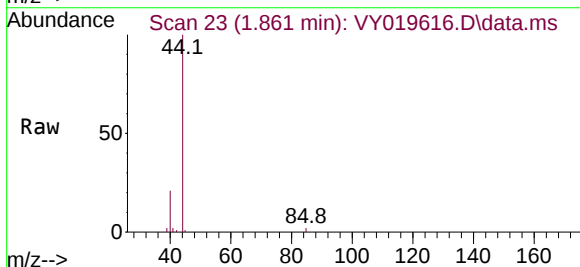
Instrument :
MSVOA_Y
ClientSampleId :

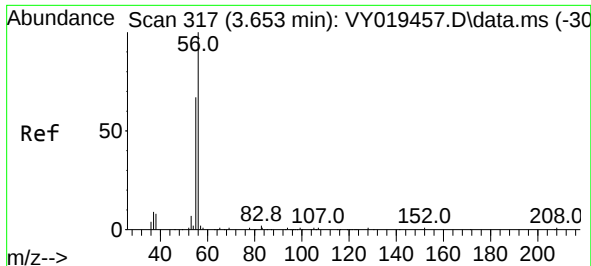
Tgt Ion:168 Resp: 312350
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Tgt Ion: 85 Resp: 159
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

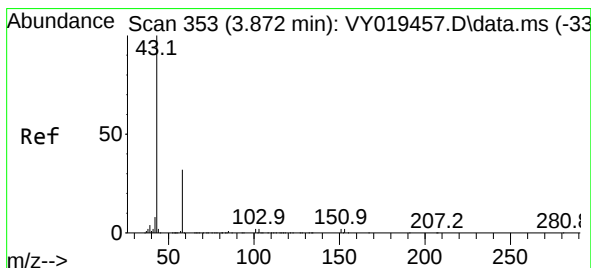
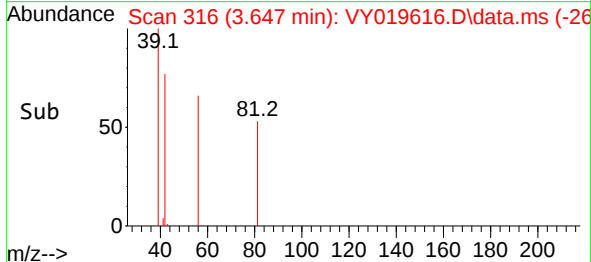
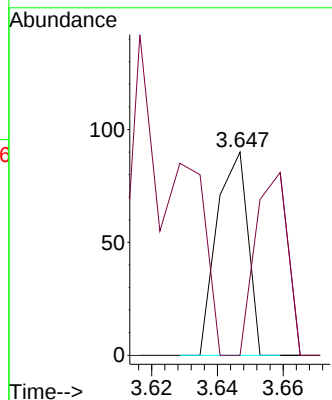
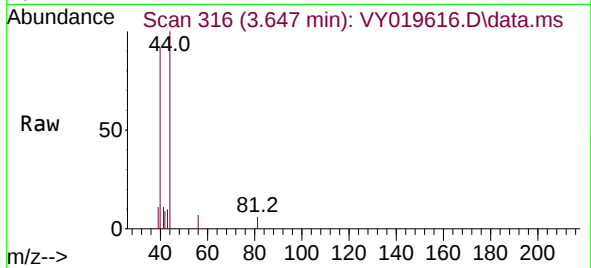




#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

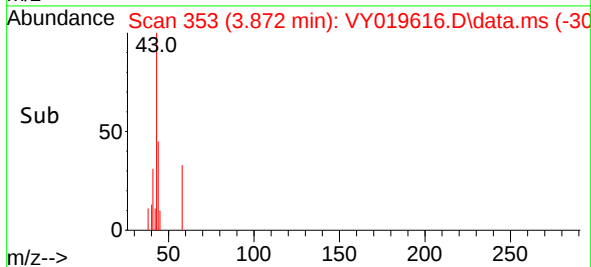
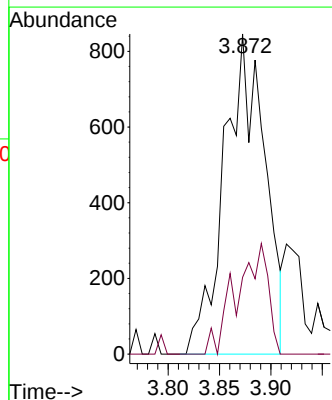
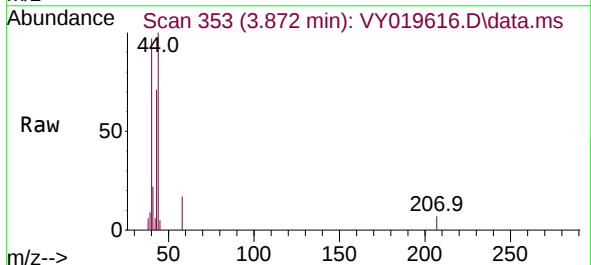
Instrument :
MSVOA_Y
ClientSampleId :

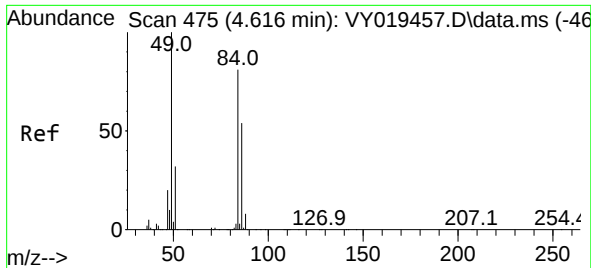
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 93.2 55.7 83.5#



#16
Acetone
Concen: 3.344 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

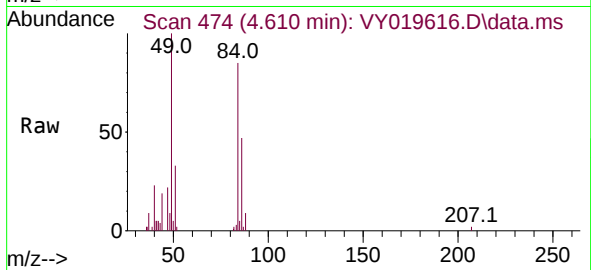
Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
58 24.0 31.7 47.5#



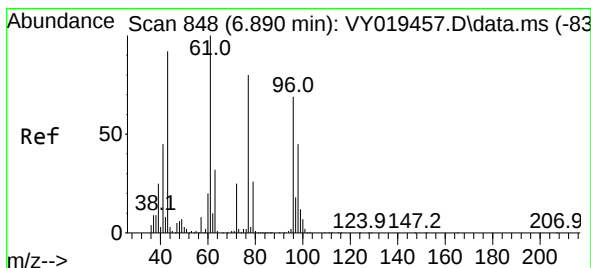
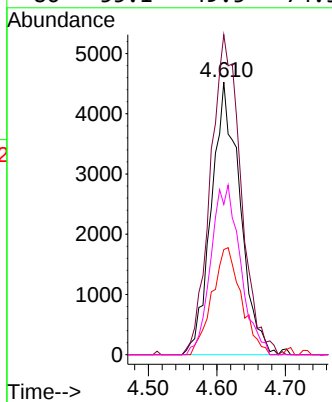
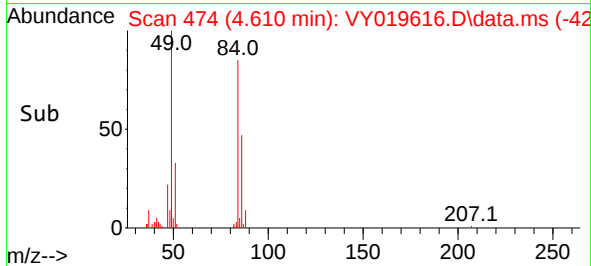


#20
Methylene Chloride
Concen: 4.168 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Instrument :
MSVOA_Y
ClientSampleId :

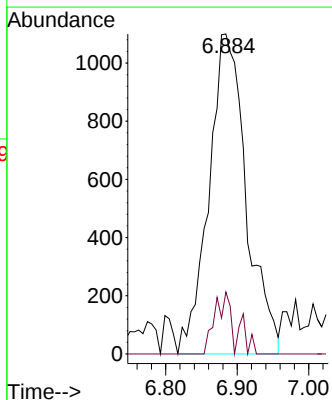
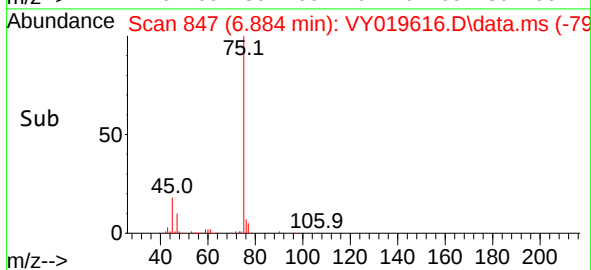
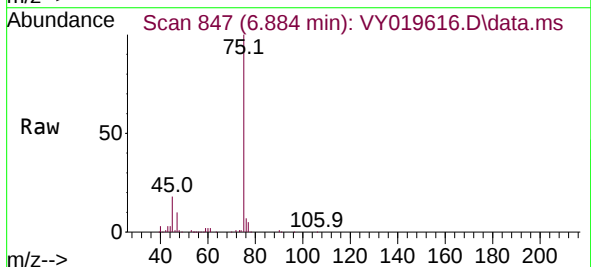


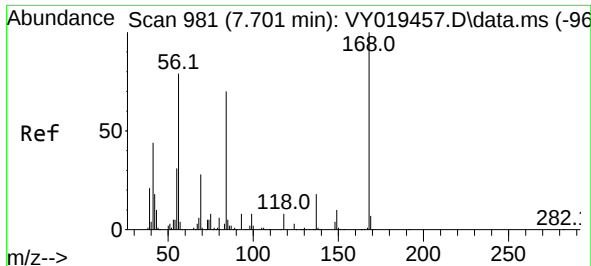
Tgt Ion:	84	Resp:	13096
Ion	Ratio	Lower	Upper
84	100		
49	117.3	84.4	126.6
51	38.6	26.0	39.0
86	55.1	49.5	74.3



#25
2-Butanone
Concen: 4.084 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

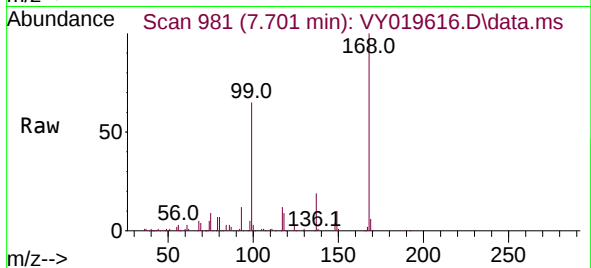
Tgt Ion:	43	Resp:	4002
Ion	Ratio	Lower	Upper
43	100		
72	19.4	27.3	40.9#



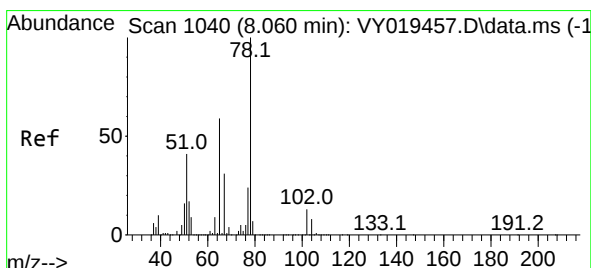
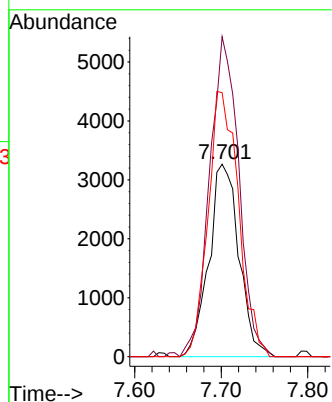
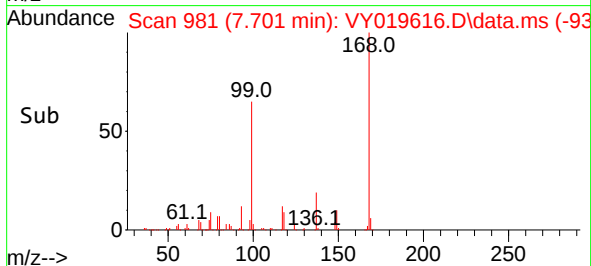


#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Instrument :
MSVOA_Y
ClientSampleId :

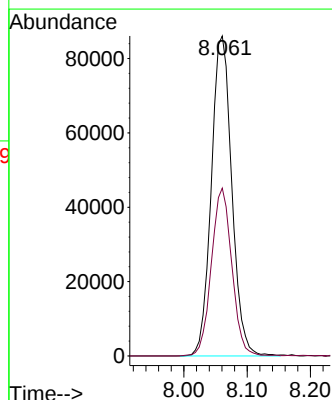
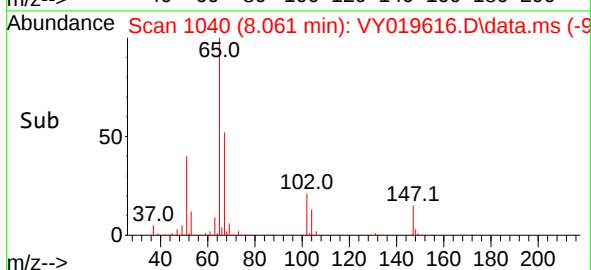
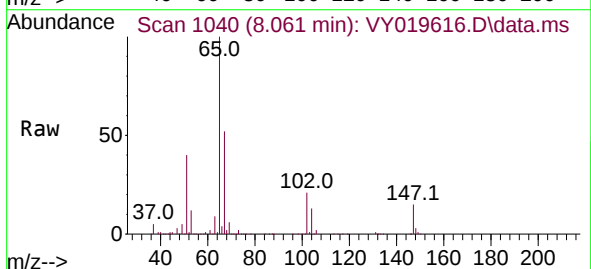


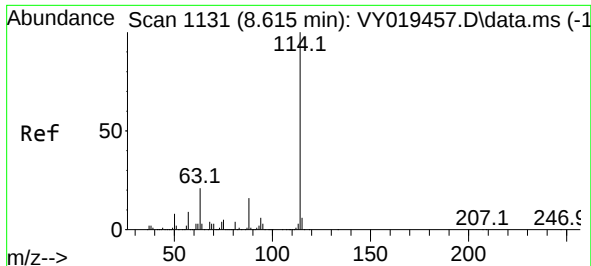
Tgt Ion	Ratio	Lower	Upper
56	100		
69	166.3	28.7	43.1#
84	137.2	77.7	116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.915 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	109.6

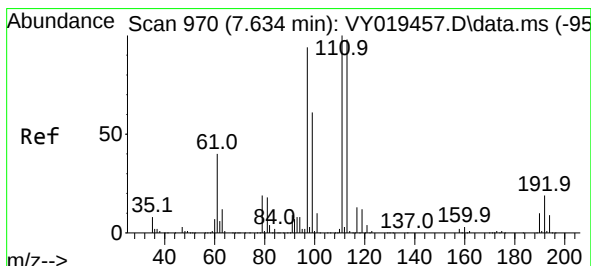
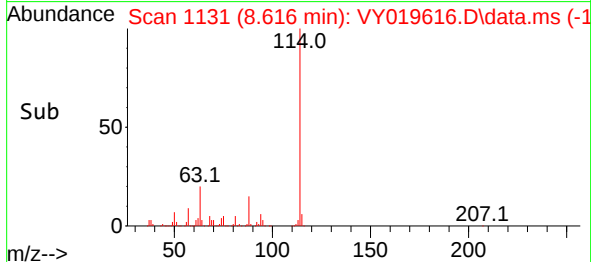
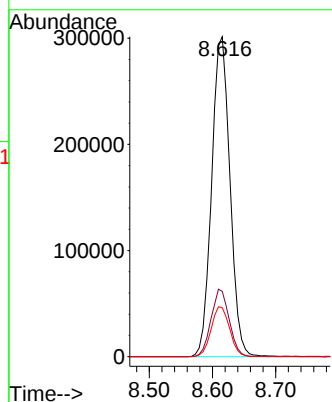
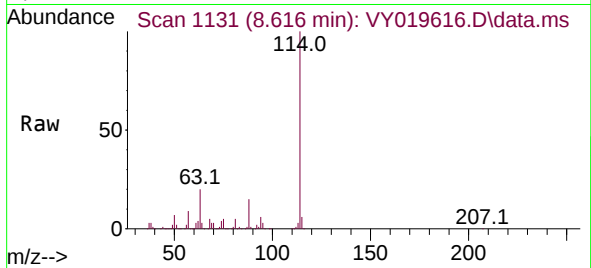




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

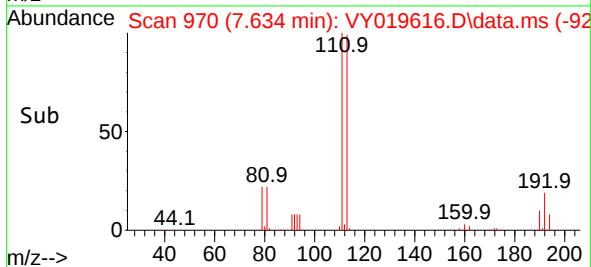
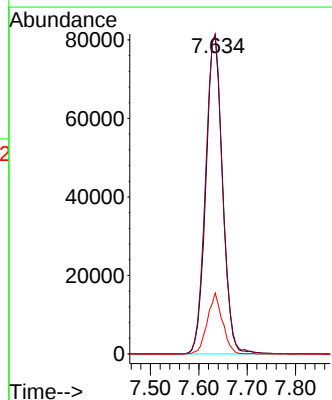
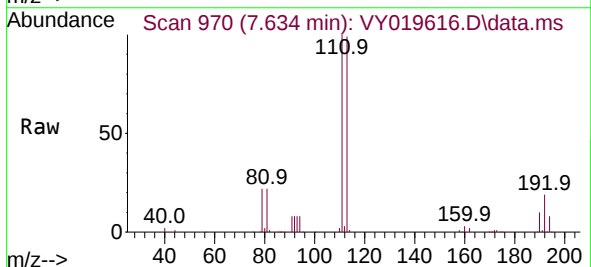
Instrument :
MSVOA_Y
ClientSampleId :

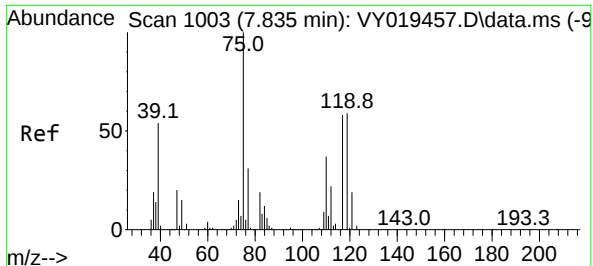
Tgt Ion:114 Resp: 605831
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.767 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

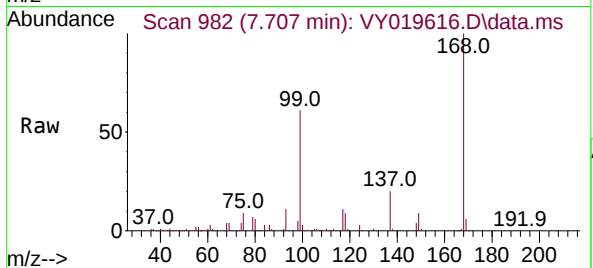
Tgt Ion:113 Resp: 194992
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.3 15.9 23.9



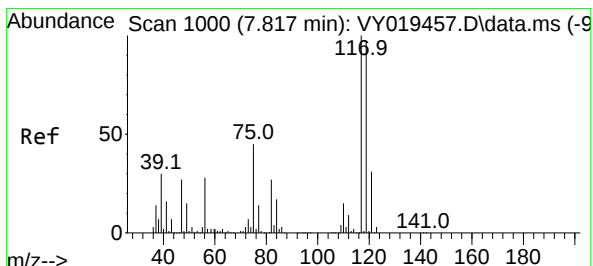
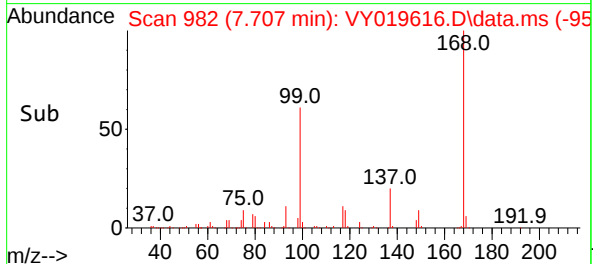
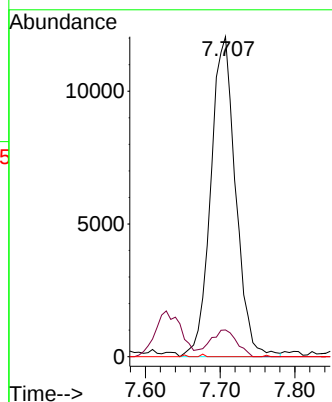


#36
1,1-Dichloropropene
Concen: 5.957 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Instrument :
MSVOA_Y
ClientSampleId :

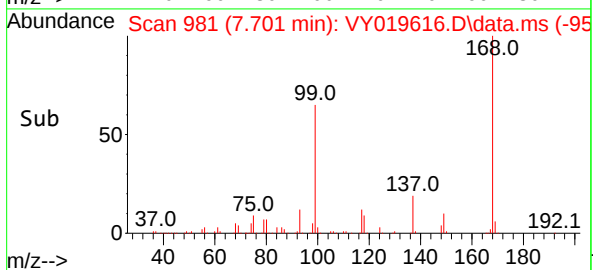
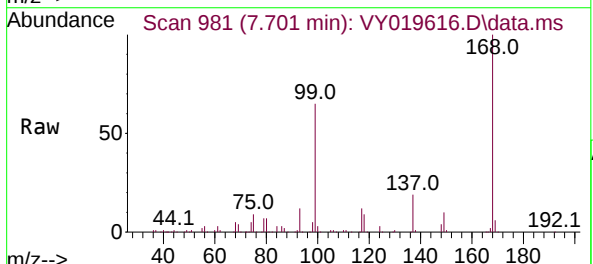
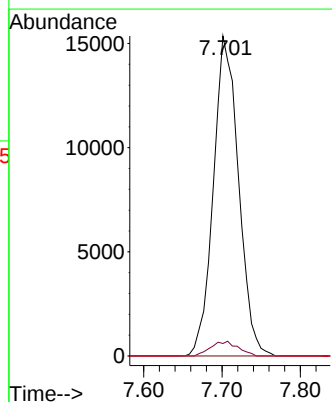


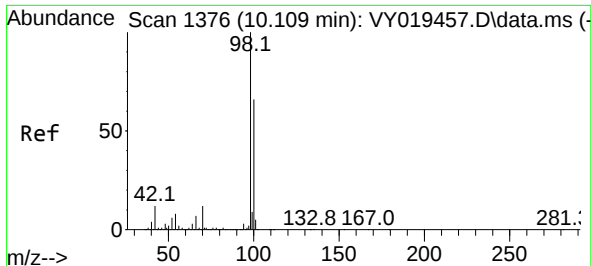
Tgt Ion: 75 Resp: 27844
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.510 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Tgt Ion: 117 Resp: 34311
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#

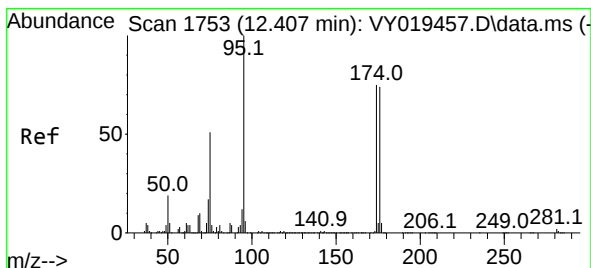
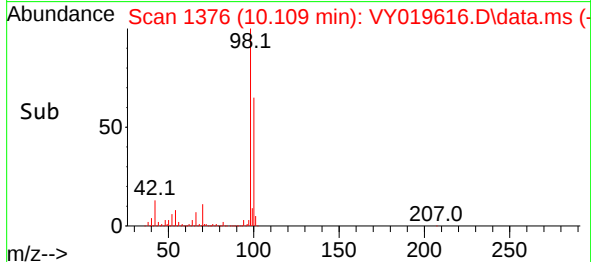
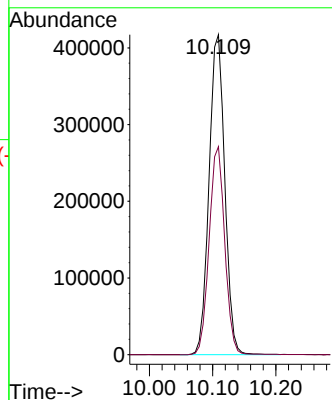
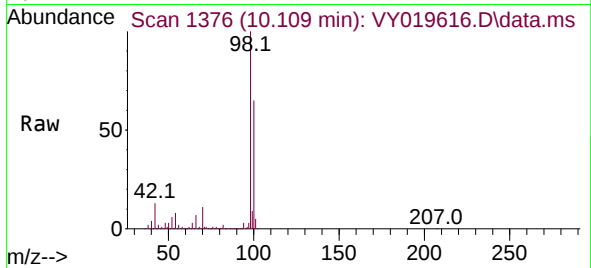




#50
Toluene-d8
Concen: 56.785 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

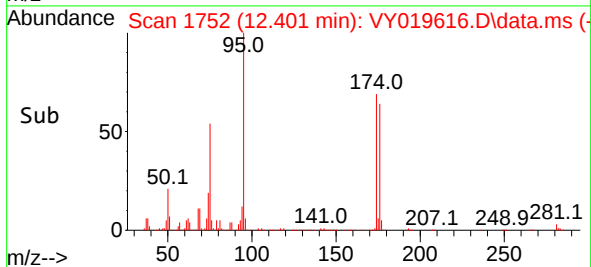
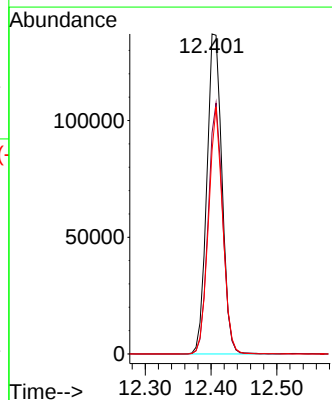
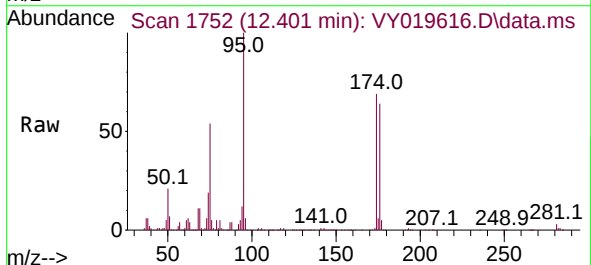
Instrument :
MSVOA_Y
ClientSampleId :

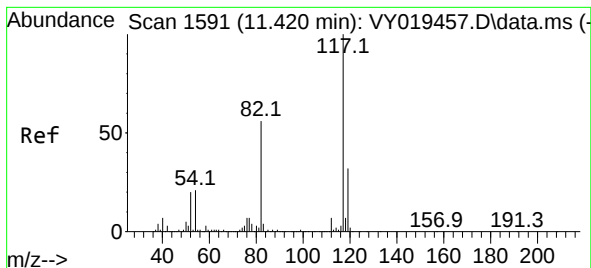
Tgt Ion: 98 Resp: 721459
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.041 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019616.D
Acq: 18 Sep 2024 19:15

Tgt Ion: 95 Resp: 220034
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.2 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: VY019616.D

Acq: 18 Sep 2024 19:15

Instrument :

MSVOA_Y

ClientSampleId :

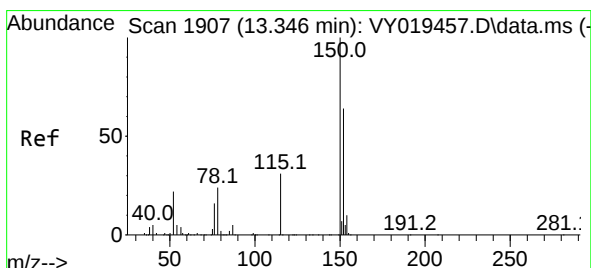
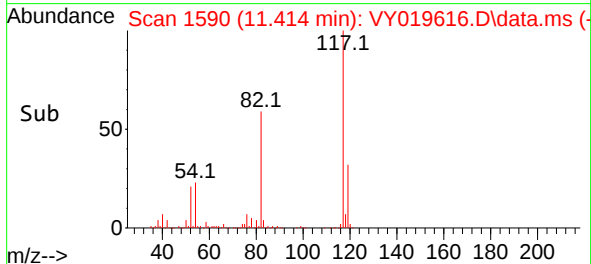
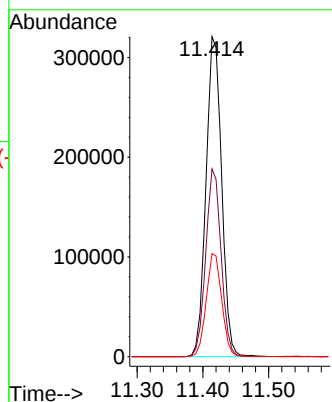
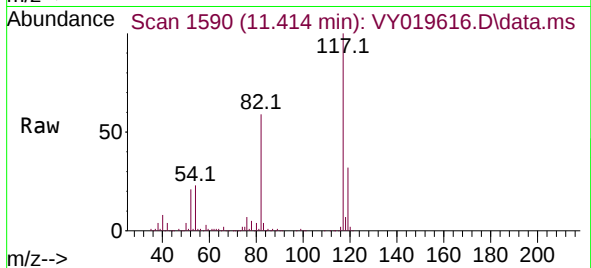
Tgt Ion:117 Resp: 530865

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 32.2 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: VY019616.D

Acq: 18 Sep 2024 19:15

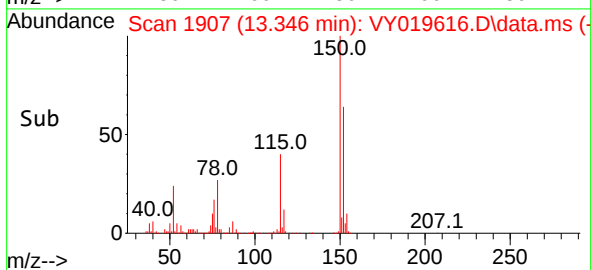
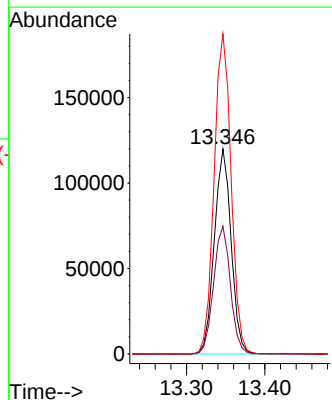
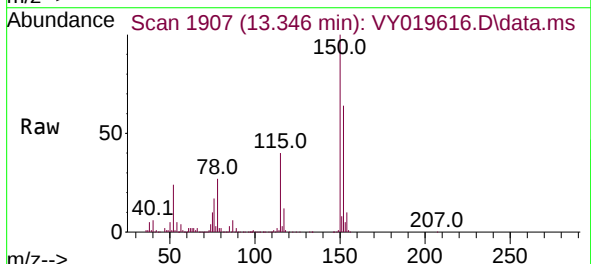
Tgt Ion:152 Resp: 178631

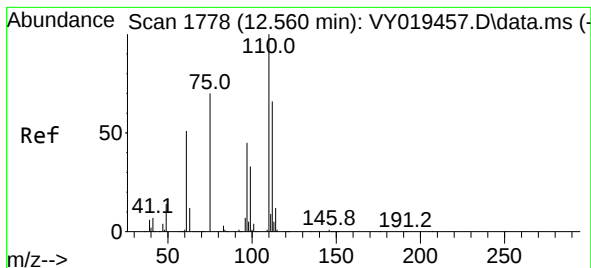
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 158.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 71.883 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019616.D

Acq: 18 Sep 2024 19:15

Instrument :

MSVOA_Y

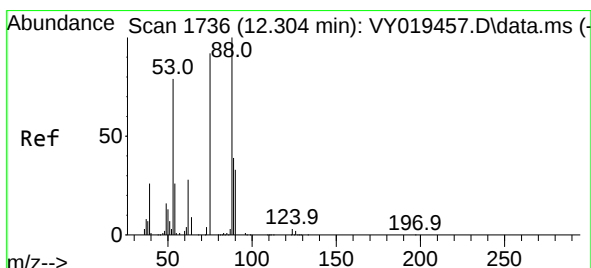
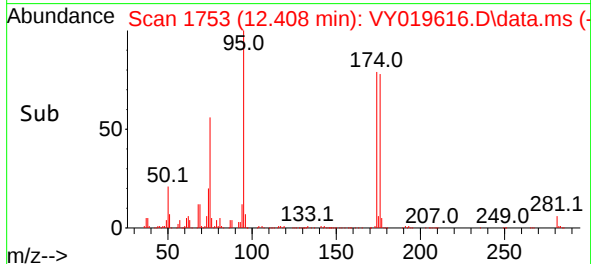
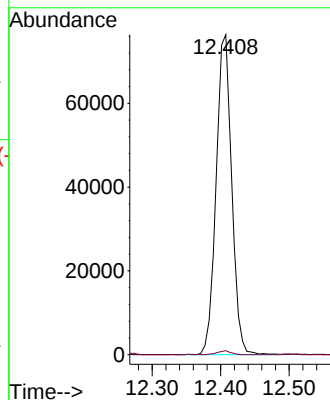
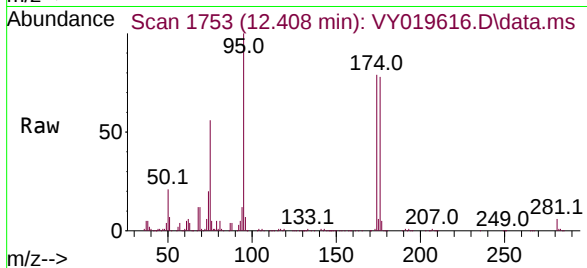
ClientSampleId :

Tgt Ion: 75 Resp: 120353

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.994 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019616.D

Acq: 18 Sep 2024 19:15

Tgt Ion: 75 Resp: 120353

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

