

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019789.D
 Acq On : 03 Oct 2024 15:41
 Operator : SY/MD
 Sample : P4270-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:29:49 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	284160	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	553770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	507270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	196890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175868	66.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.680%
35) Dibromofluoromethane	7.634	113	178831	56.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.920%
50) Toluene-d8	10.103	98	663524	57.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.260%
62) 4-Bromofluorobenzene	12.401	95	223213	49.987	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.980%

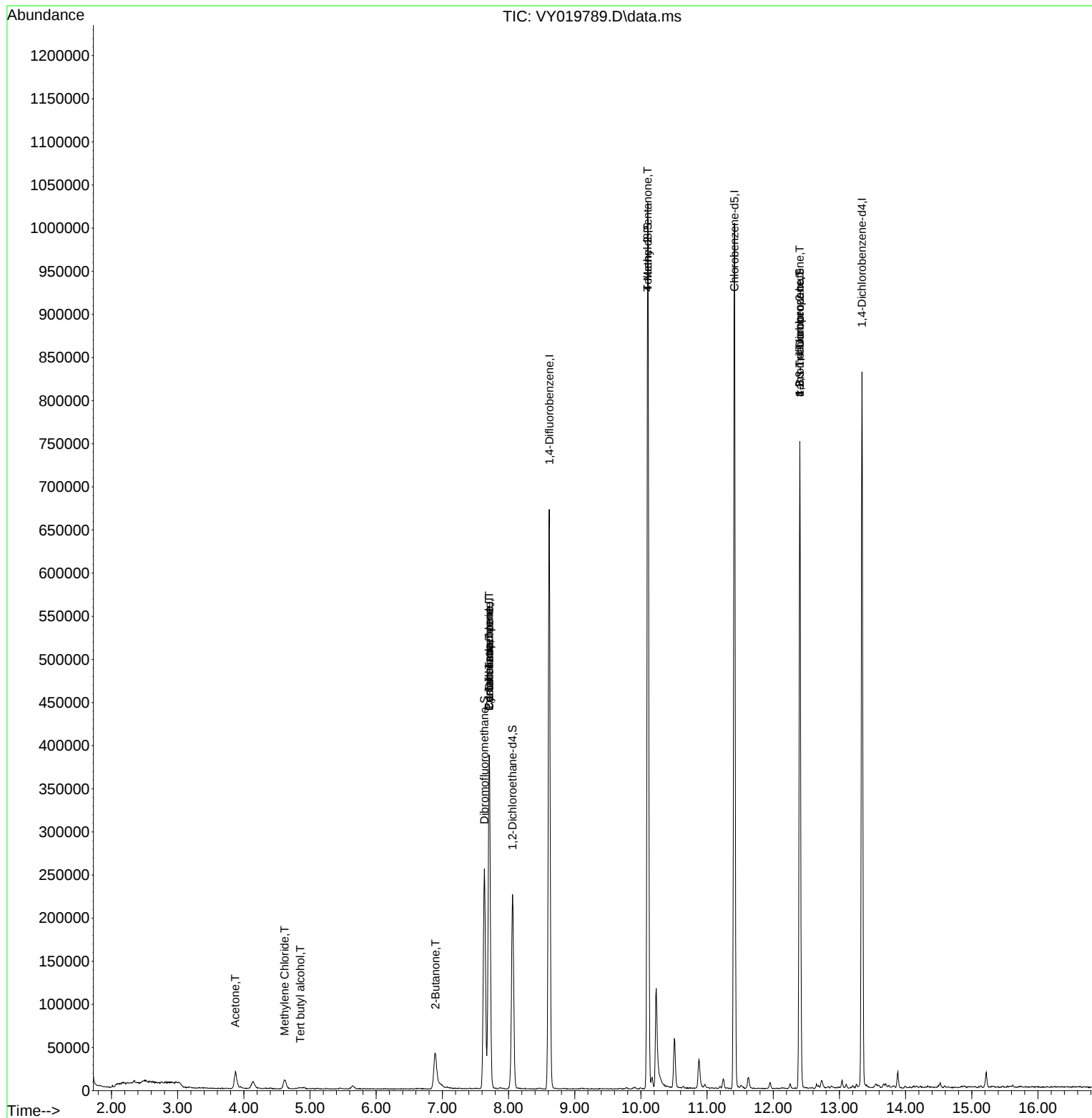
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	66	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	1777	8.363	ug/l	# 88
16) Acetone	3.873	43	34845	55.587	ug/l	90
20) Methylene Chloride	4.616	84	7218	2.525	ug/l	# 77
25) 2-Butanone	6.896	43	5347	5.997	ug/l	# 74
31) Cyclohexane	7.707	56	7259	1.541	ug/l	# 25
36) 1,1-Dichloropropene	7.707	75	25797	6.038	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	31221	6.480	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.103	43	2986	1.291	ug/l	# 1
76) 1,2,3-Trichloropropane	12.401	75	122771	66.527	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	122771	127.713	ug/l	# 16

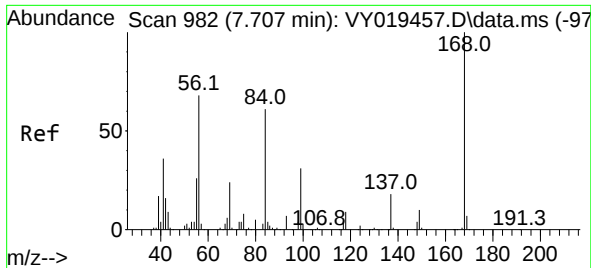
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

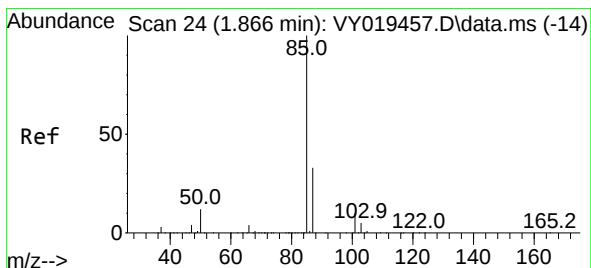
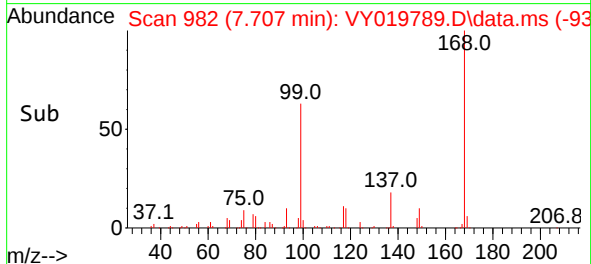
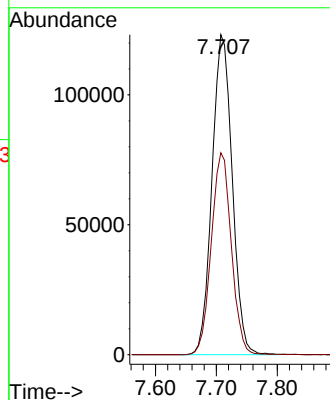
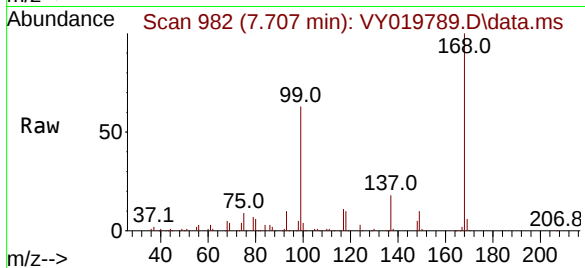




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

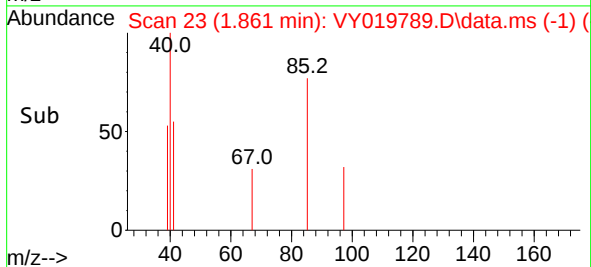
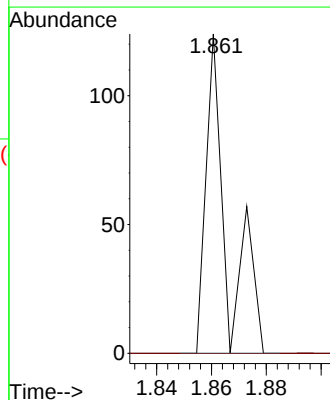
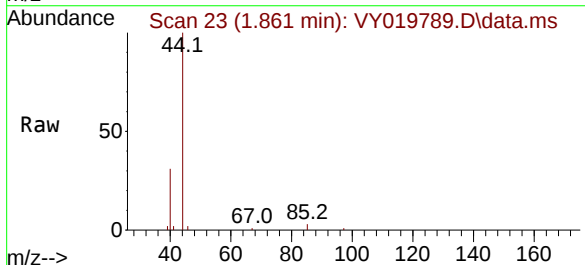
Instrument :
MSVOA_Y
ClientSampleId :

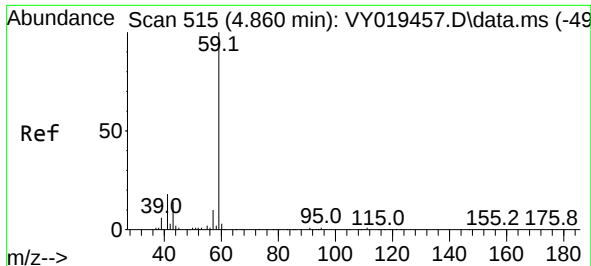
Tgt Ion:168 Resp: 284160
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Tgt Ion: 85 Resp: 66
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

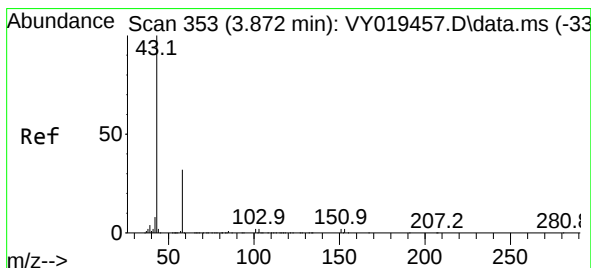
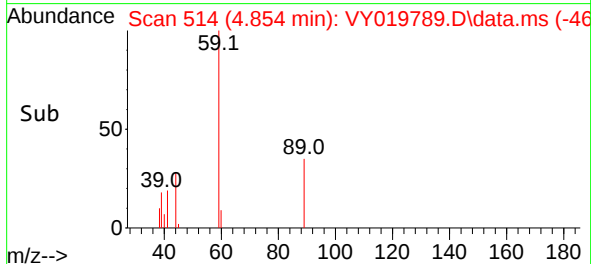
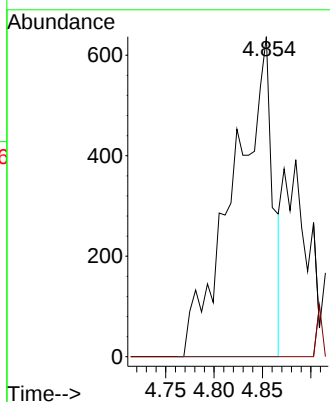
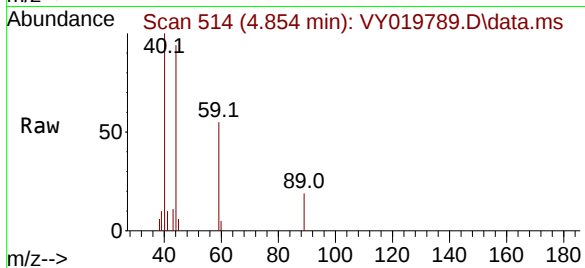




#11
Tert butyl alcohol
Concen: 8.363 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

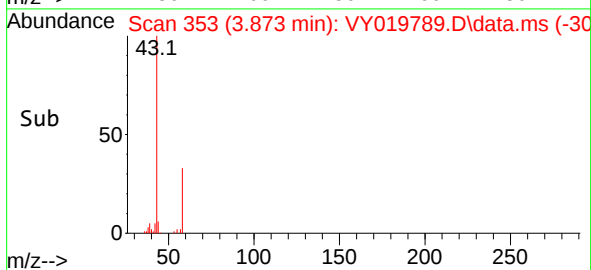
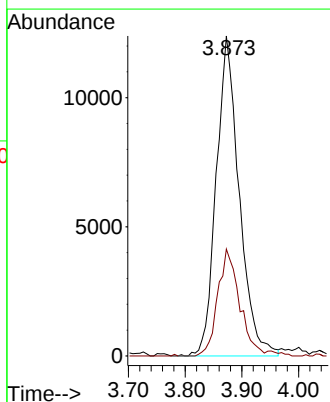
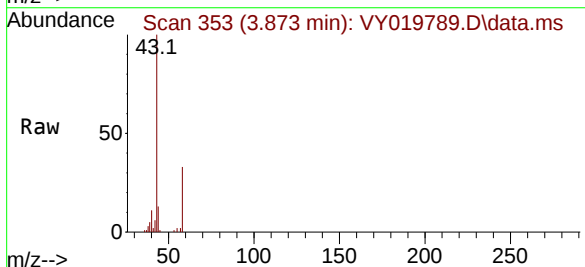
Instrument :
MSVOA_Y
ClientSampleId :

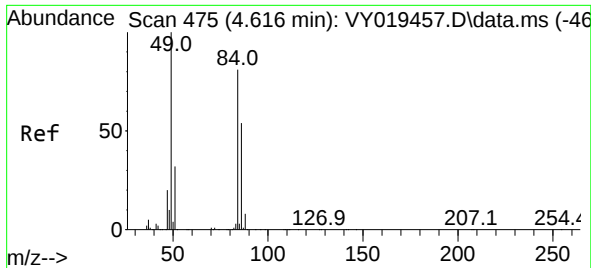
Tgt Ion: 59 Resp: 1777
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 55.587 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

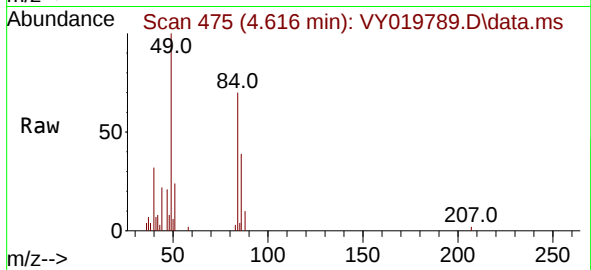
Tgt Ion: 43 Resp: 34845
Ion Ratio Lower Upper
43 100
58 33.4 31.7 47.5



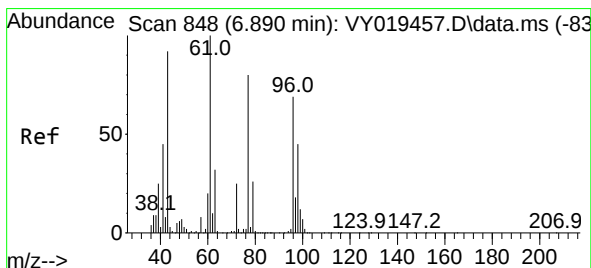
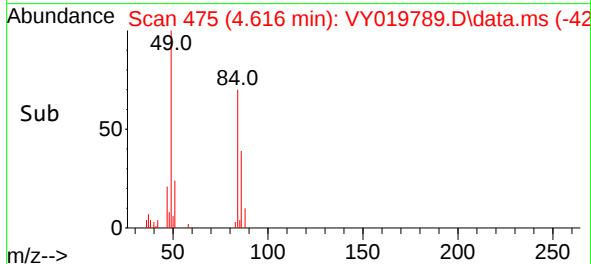
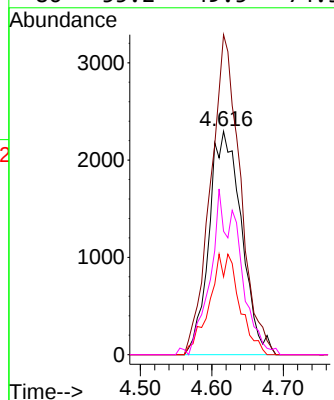


#20
Methylene Chloride
Concen: 2.525 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

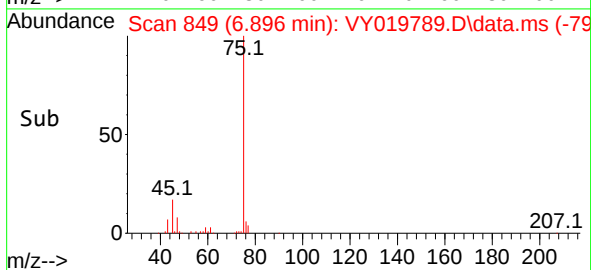
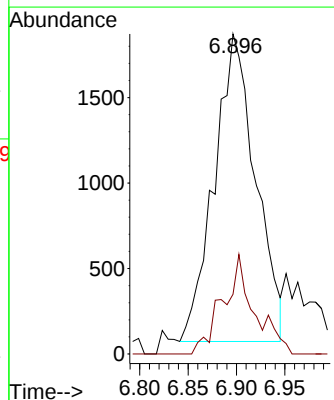
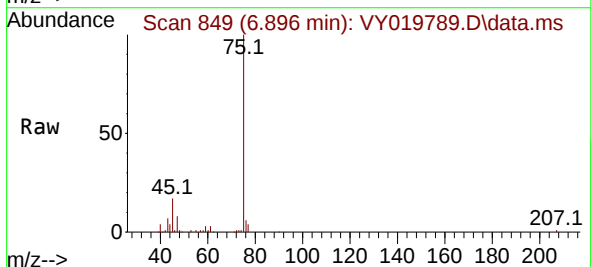


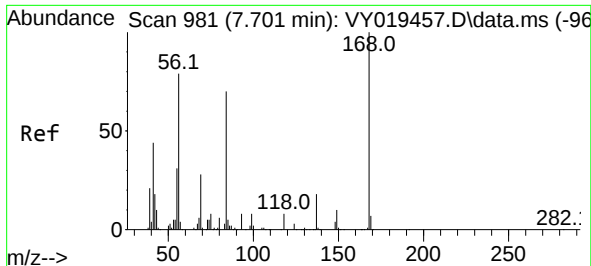
Tgt Ion:	84	Resp:	7218
Ion	Ratio	Lower	Upper
84	100		
49	143.2	84.4	126.6#
51	34.9	26.0	39.0
86	55.2	49.5	74.3



#25
2-Butanone
Concen: 5.997 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

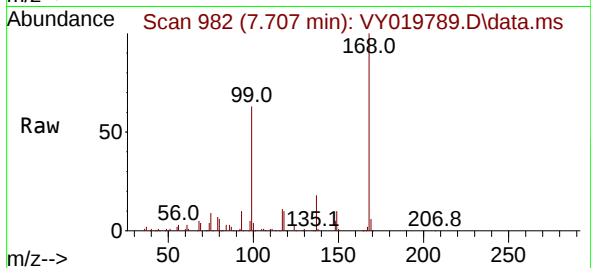
Tgt Ion:	43	Resp:	5347
Ion	Ratio	Lower	Upper
43	100		
72	19.4	27.3	40.9#



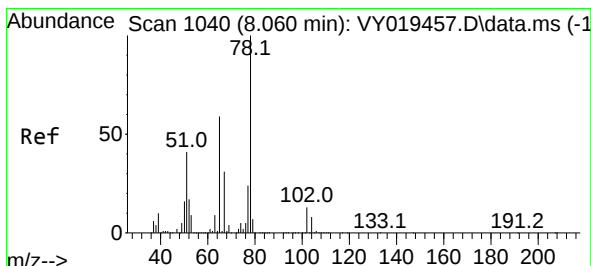
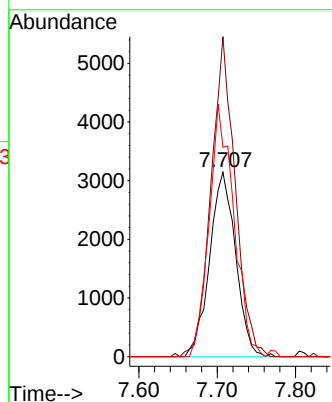
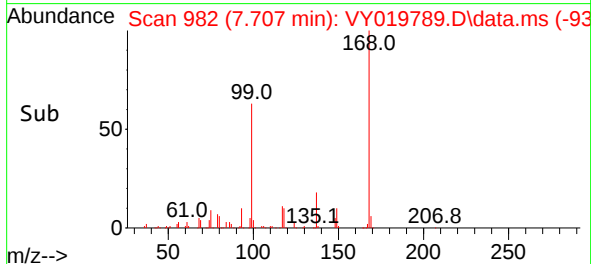


#31
Cyclohexane
Concen: 1.541 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

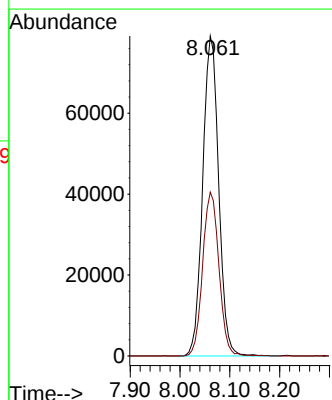
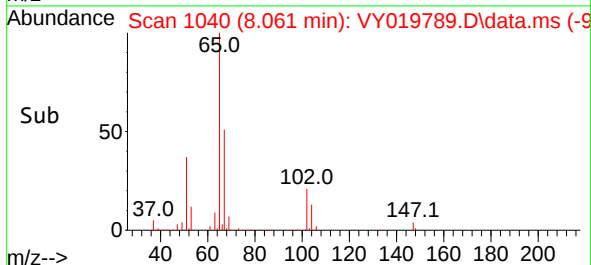
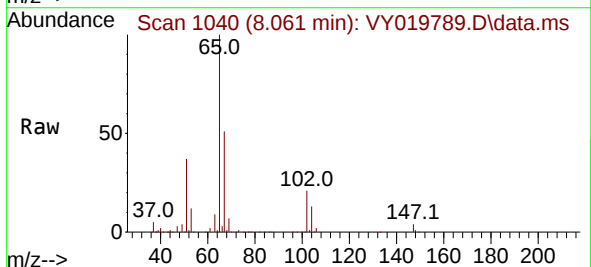


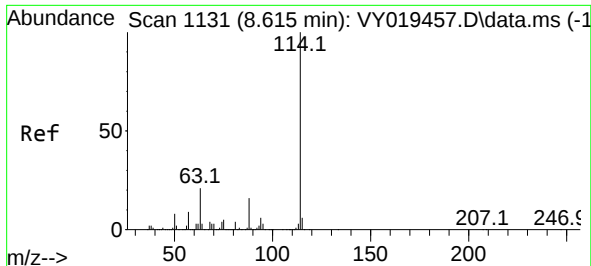
Tgt Ion: 56 Resp: 7259
Ion Ratio Lower Upper
56 100
69 173.4 28.7 43.1#
84 113.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 66.838 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Tgt Ion: 65 Resp: 175868
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: VY019789.D

Acq: 03 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

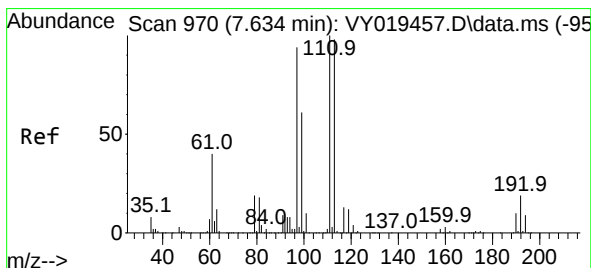
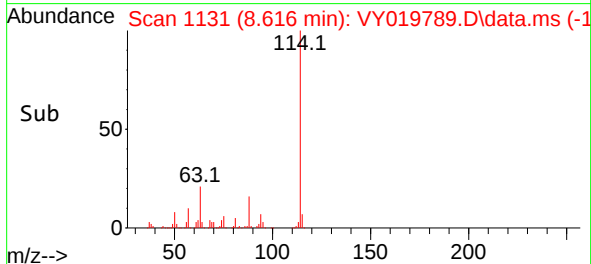
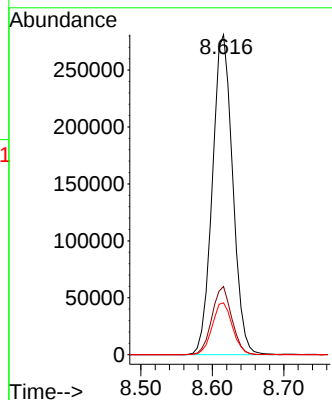
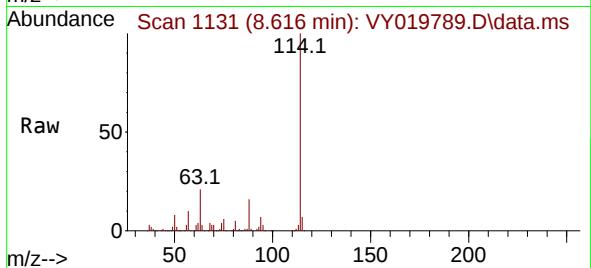
Tgt Ion:114 Resp: 553770

Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 16.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.957 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019789.D

Acq: 03 Oct 2024 15:41

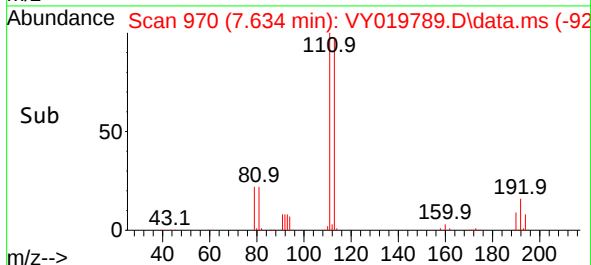
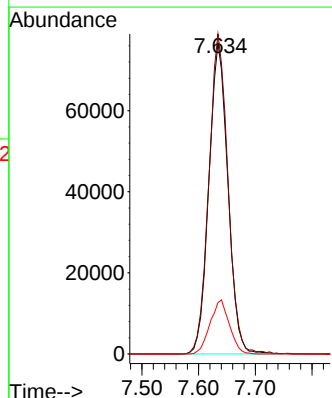
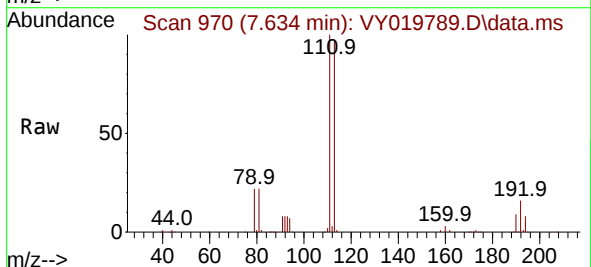
Tgt Ion:113 Resp: 178831

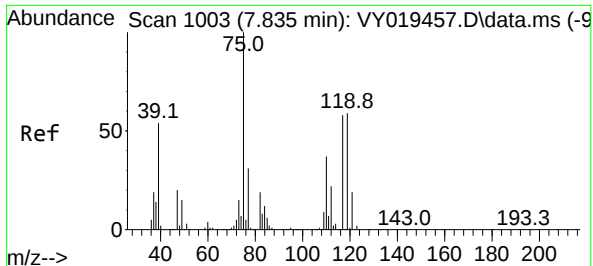
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.038 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019789.D

Acq: 03 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

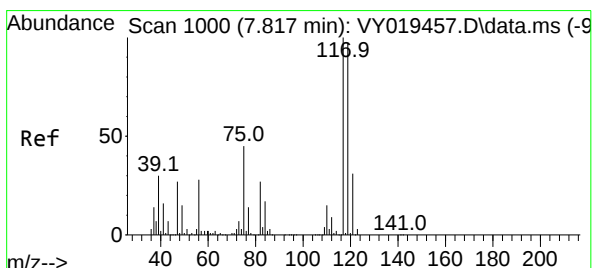
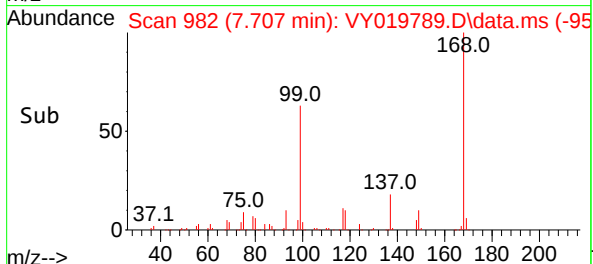
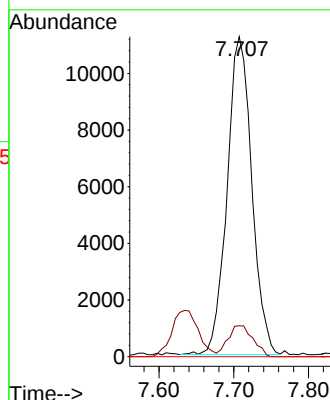
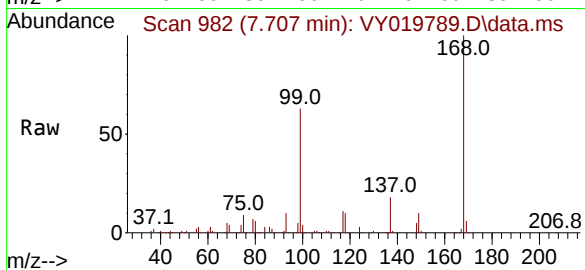
Tgt Ion: 75 Resp: 25797

Ion Ratio Lower Upper

75 100

110 9.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.480 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019789.D

Acq: 03 Oct 2024 15:41

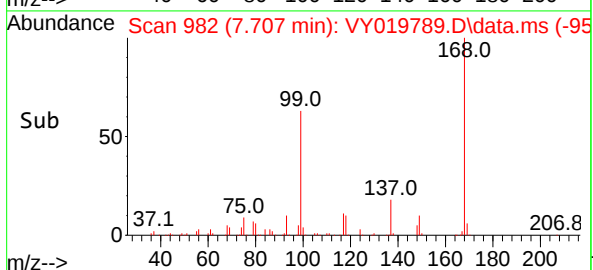
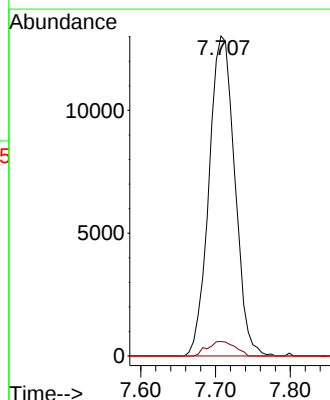
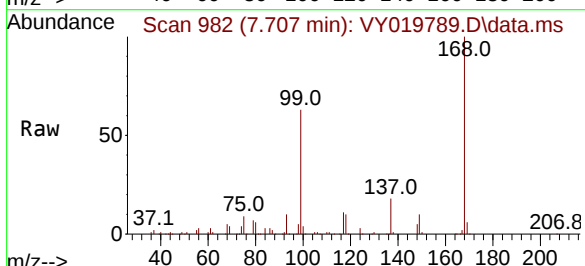
Tgt Ion: 117 Resp: 31221

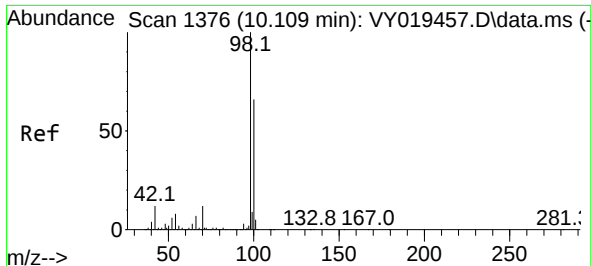
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

121 0.0 24.0 36.0#

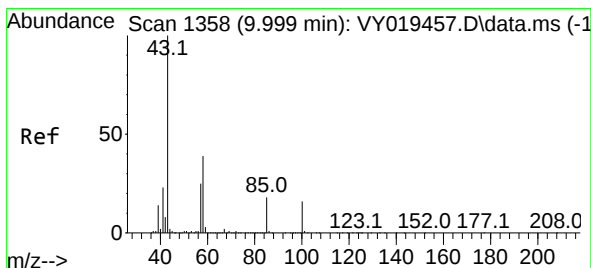
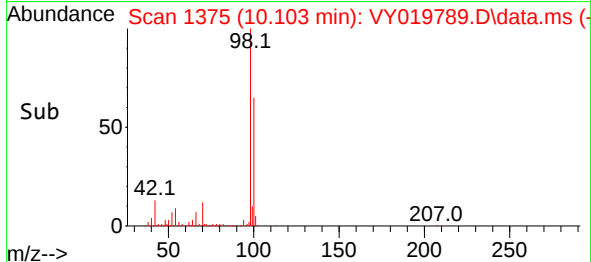
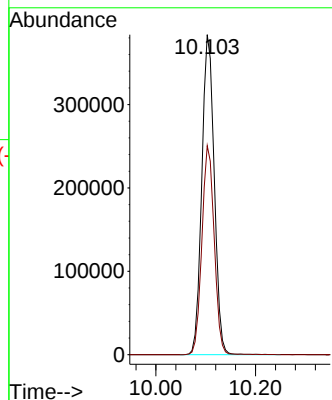
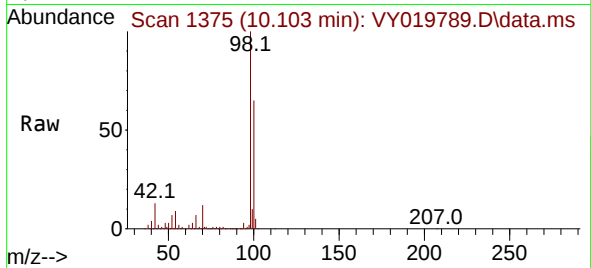




#50
Toluene-d8
Concen: 57.135 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

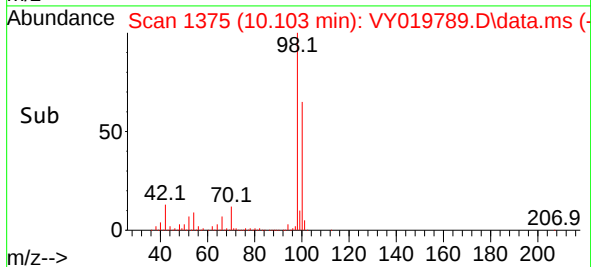
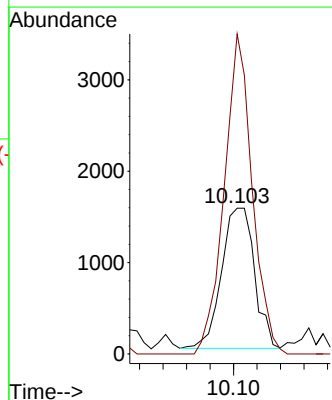
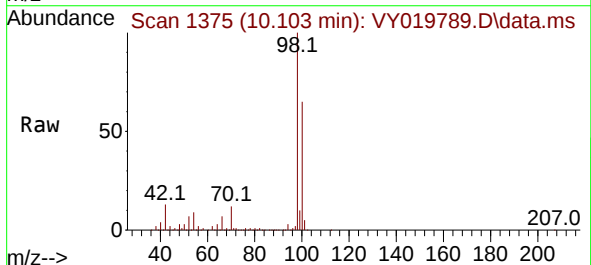
Instrument :
MSVOA_Y
ClientSampleId :

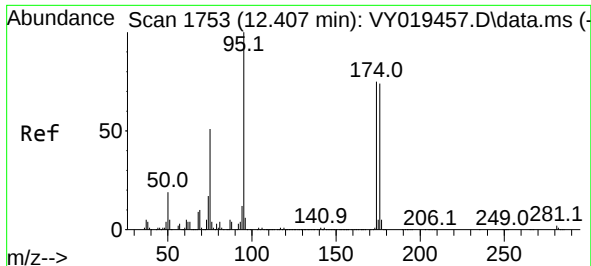
Tgt Ion: 98 Resp: 663524
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.291 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Tgt Ion: 43 Resp: 2986
Ion Ratio Lower Upper
43 100
58 194.0 35.7 53.5#

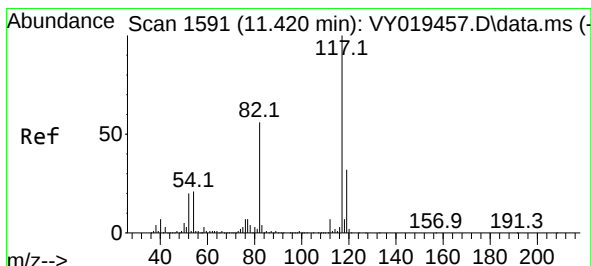
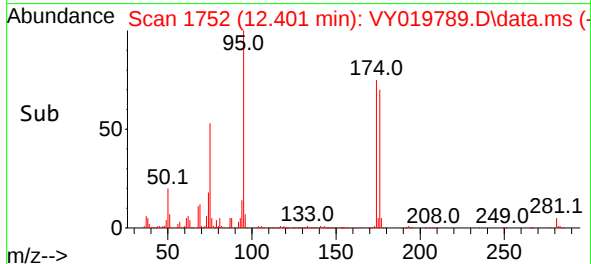
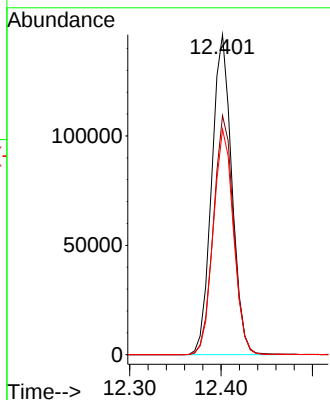
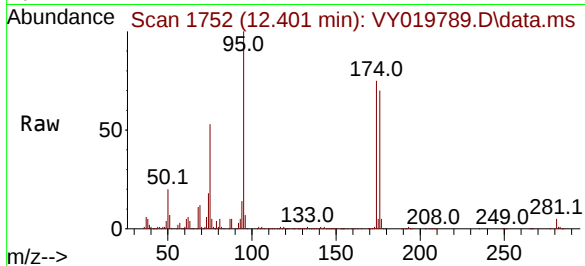




#62
4-Bromofluorobenzene
Concen: 49.987 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

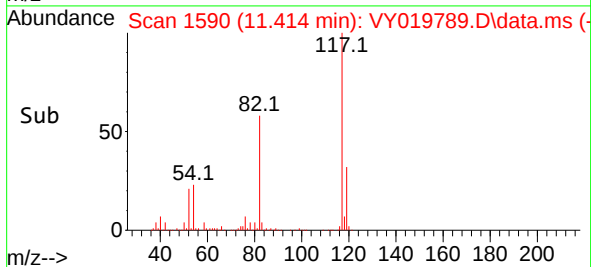
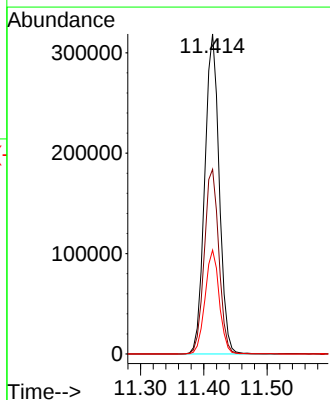
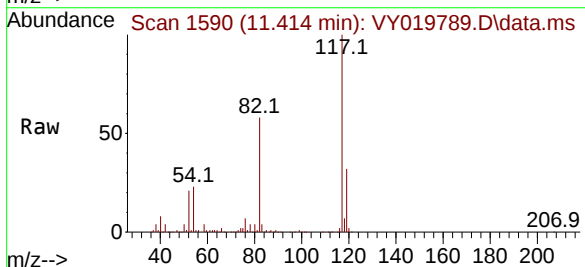
Instrument :
MSVOA_Y
ClientSampleId :

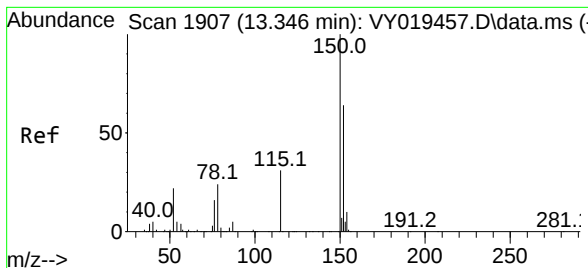
Tgt Ion: 95 Resp: 223213
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 71.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019789.D
Acq: 03 Oct 2024 15:41

Tgt Ion: 117 Resp: 507270
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019789.D

Acq: 03 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

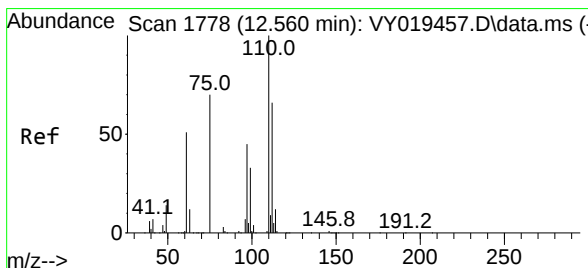
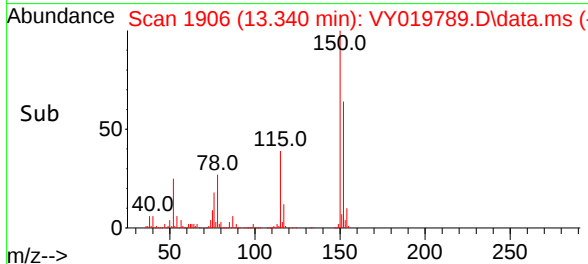
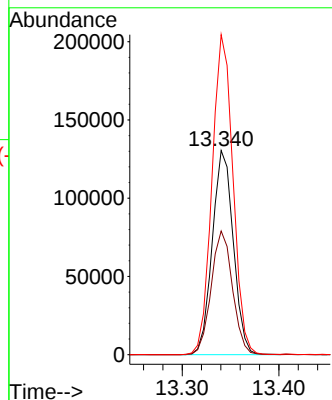
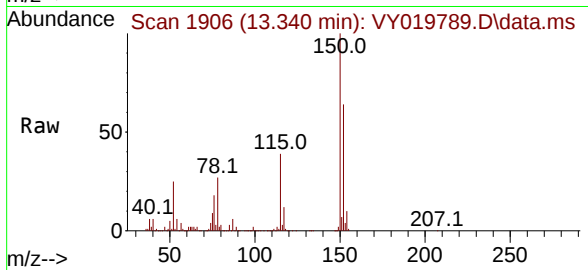
Tgt Ion:152 Resp: 196890

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.527 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019789.D

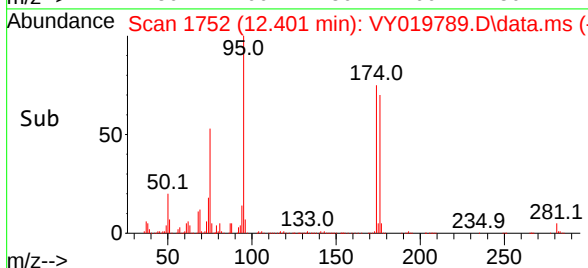
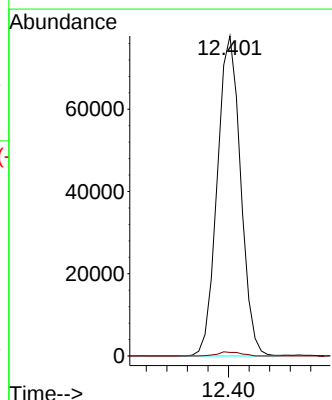
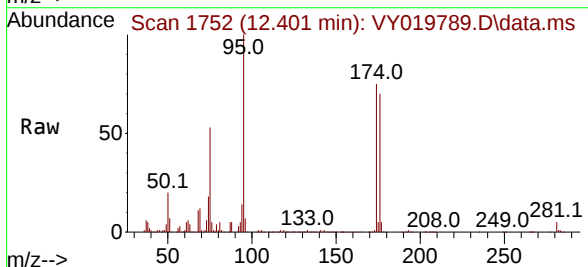
Acq: 03 Oct 2024 15:41

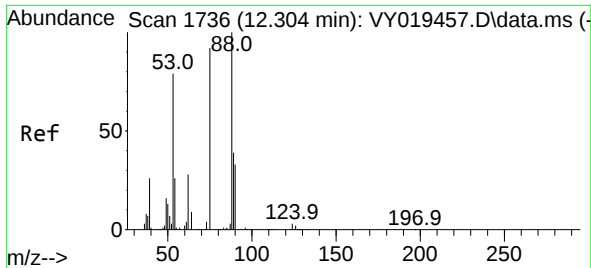
Tgt Ion: 75 Resp: 122771

Ion Ratio Lower Upper

75 100

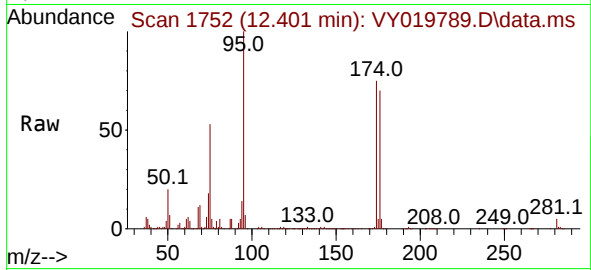
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.713 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019789.D
 Acq: 03 Oct 2024 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 122771
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

