

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019785.D
 Acq On : 03 Oct 2024 14:07
 Operator : SY/MD
 Sample : P4273-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:27:25 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)

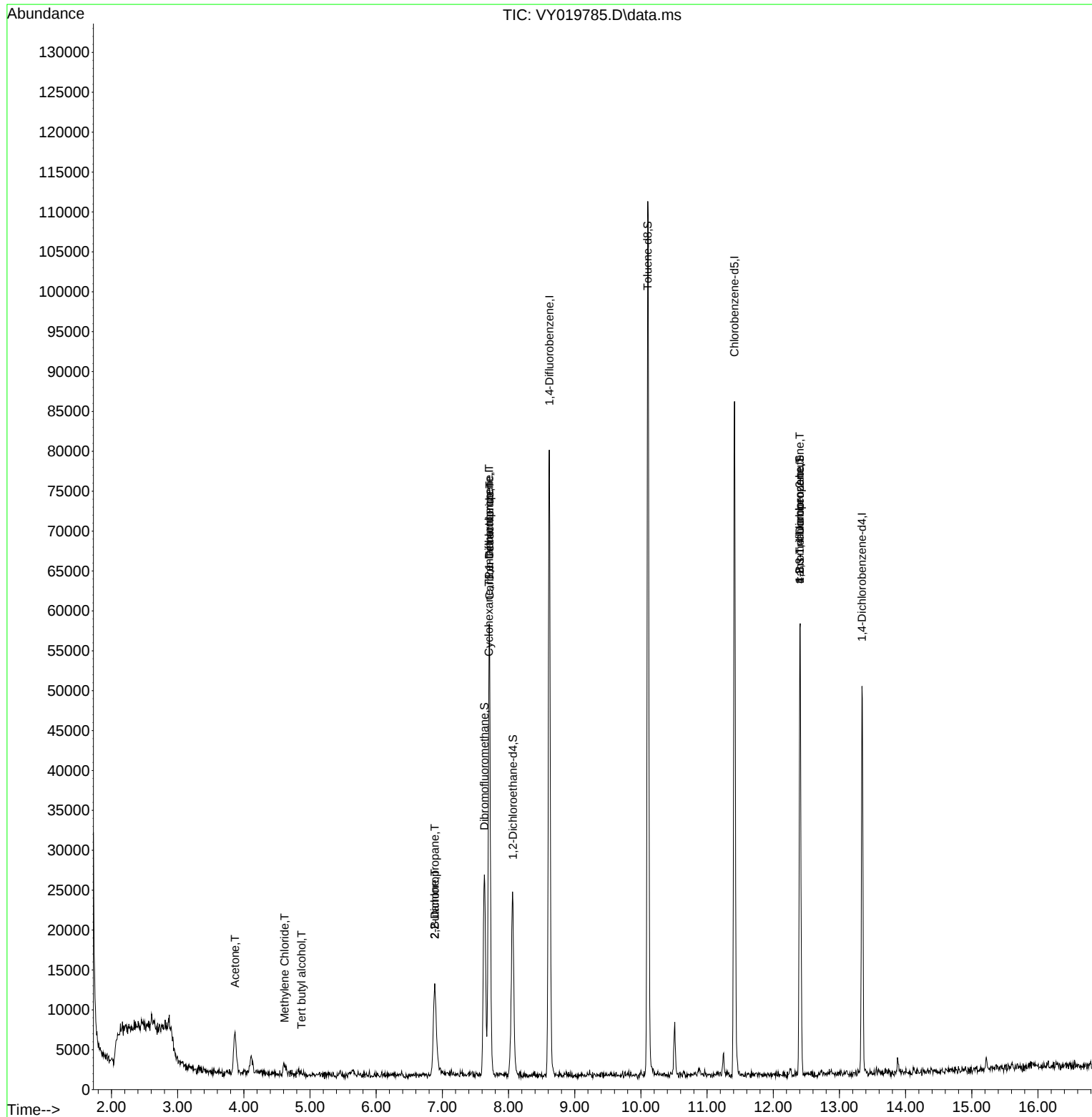
Internal Standards						
1) Pentafluorobenzene	7.707	168	39993	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	66530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	46000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	11609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17449	47.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.240%
35) Dibromofluoromethane	7.634	113	19610	51.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.103	98	72338	51.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.402	95	16819	31.351	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	62.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.873	59	113	3.778	ug/l	# 88
13) Acrolein	3.483	56	35	Below Cal		# 15
16) Acetone	3.867	43	10037	113.766	ug/l	# 73
20) Methylene Chloride	4.616	84	949	2.359	ug/l	# 81
25) 2-Butanone	6.884	43	951	7.579	ug/l	# 41
26) 2,2-Dichloropropane	6.884	77	1006	1.521	ug/l	# 51
31) Cyclohexane	7.701	56	1371	2.069	ug/l	# 23
36) 1,1-Dichloropropene	7.707	75	3705	7.218	ug/l	# 46
38) Carbon Tetrachloride	7.713	117	4149	7.168	ug/l	# 13
76) 1,2,3-Trichloropropane	12.402	75	8867	81.491	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	8867	156.438	ug/l	# 16

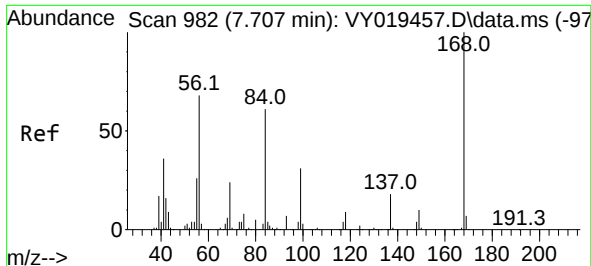
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
Data File : VY019785.D
Acq On : 03 Oct 2024 14:07
Operator : SY/MD
Sample : P4273-02
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

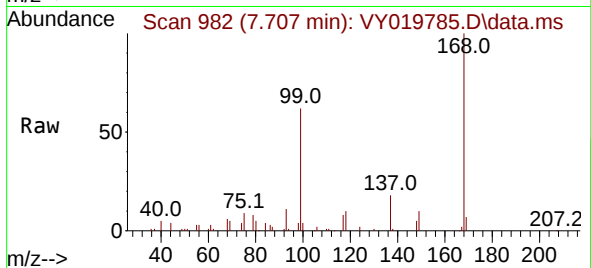
Quant Time: Oct 04 01:27:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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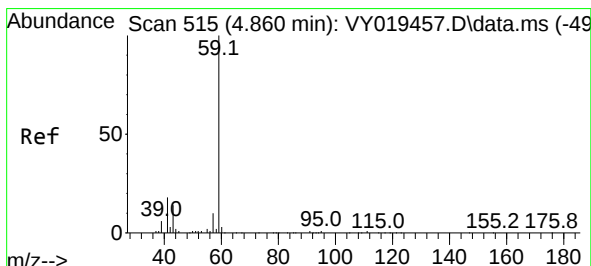
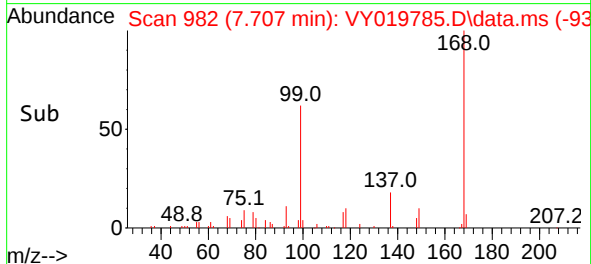
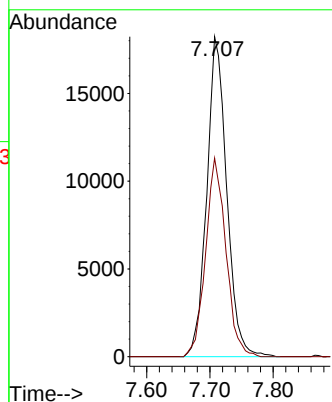


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :

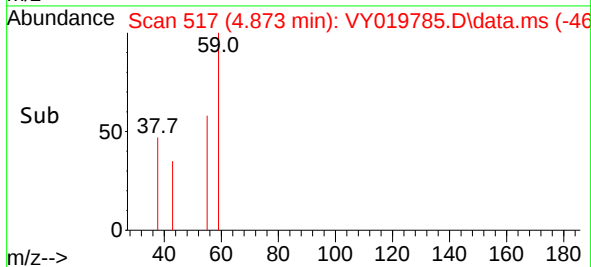
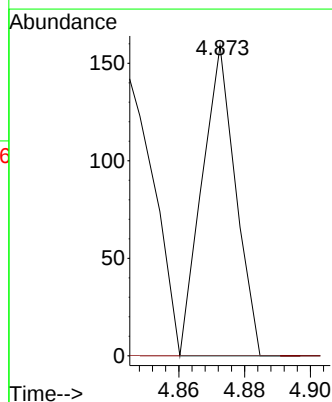
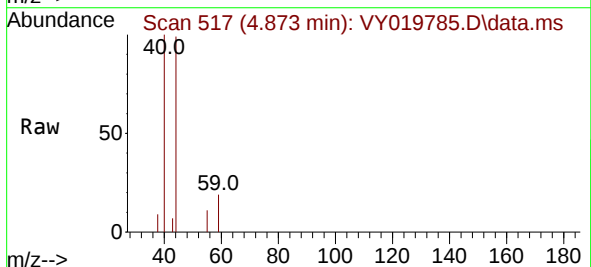


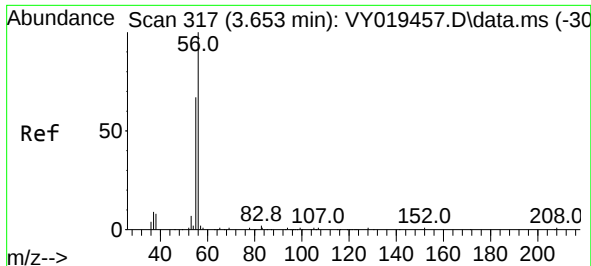
Tgt Ion:168 Resp: 39993
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.778 ug/l
RT: 4.873 min Scan# 517
Delta R.T. 0.013 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

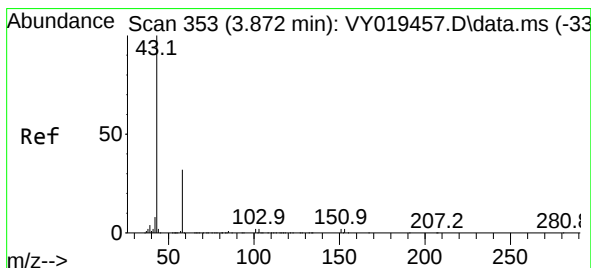
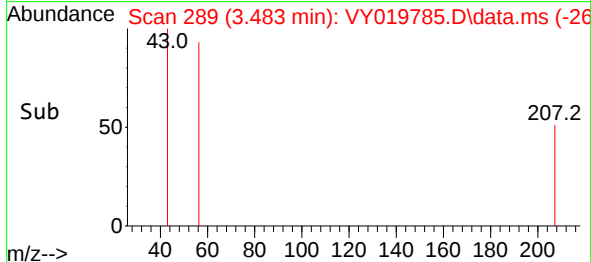
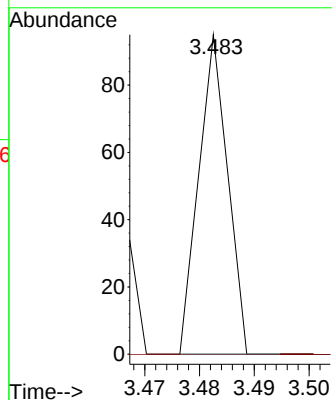
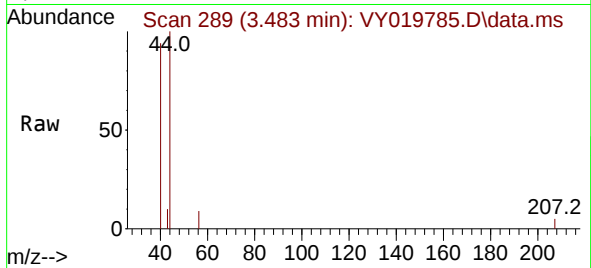




#13
Acrolein
Concen: Below Cal
RT: 3.483 min Scan# 21
Delta R.T. -0.170 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

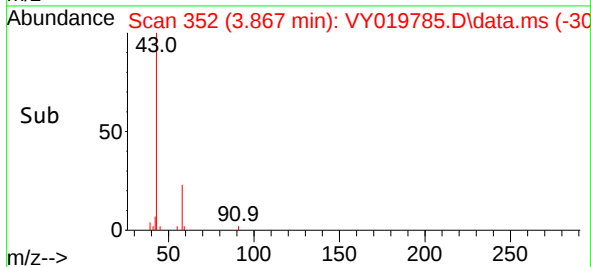
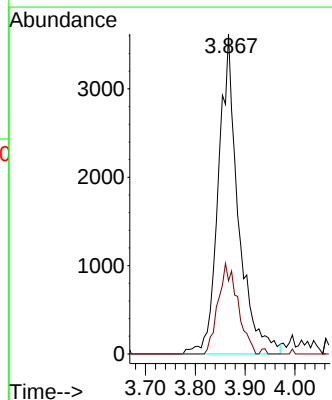
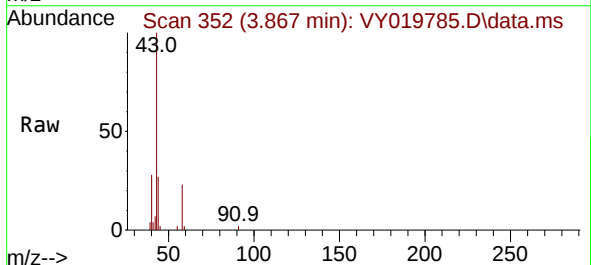
Instrument :
MSVOA_Y
ClientSampleId :

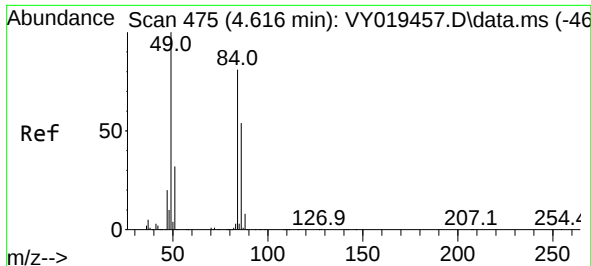
Tgt Ion: 56 Resp: 35
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 113.766 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

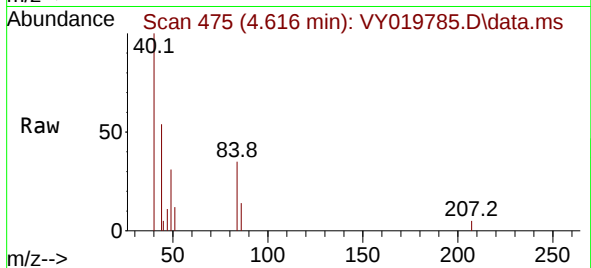
Tgt Ion: 43 Resp: 10037
Ion Ratio Lower Upper
43 100
58 22.8 31.7 47.5#



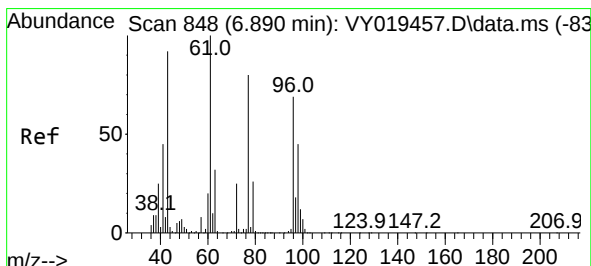
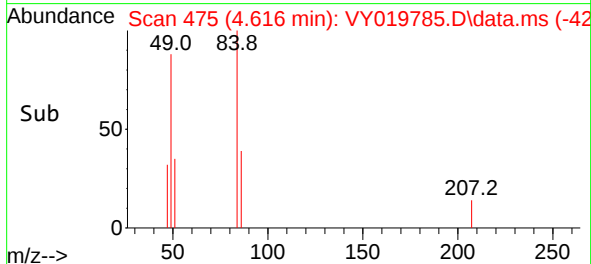
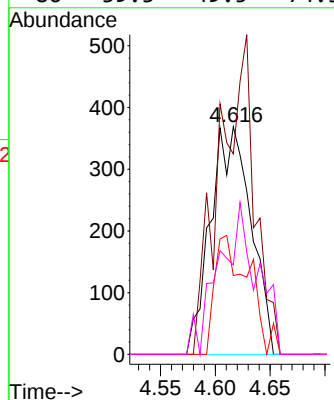


#20
Methylene Chloride
Concen: 2.359 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :

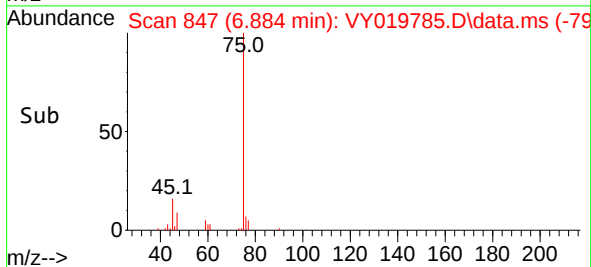
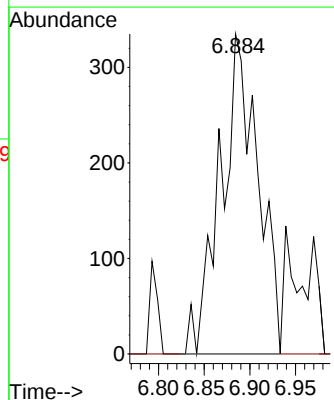
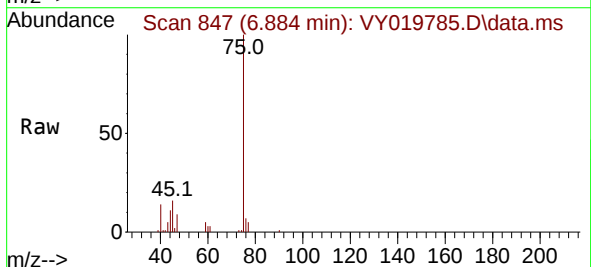


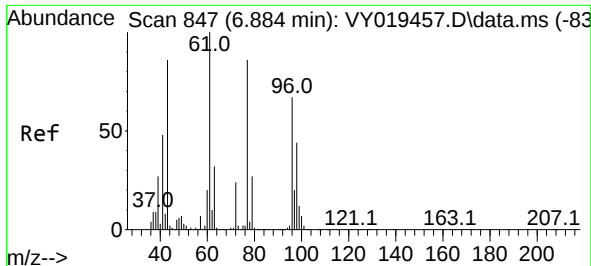
Tgt Ion:	84	Resp:	949
Ion	Ratio	Lower	Upper
84	100		
49	88.1	84.4	126.6
51	34.7	26.0	39.0
86	39.3	49.5	74.3



#25
2-Butanone
Concen: 7.579 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

Tgt Ion:	43	Resp:	951
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9





#26

2,2-Dichloropropane

Concen: 1.521 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019785.D

Acq: 03 Oct 2024 14:07

Instrument :

MSVOA_Y

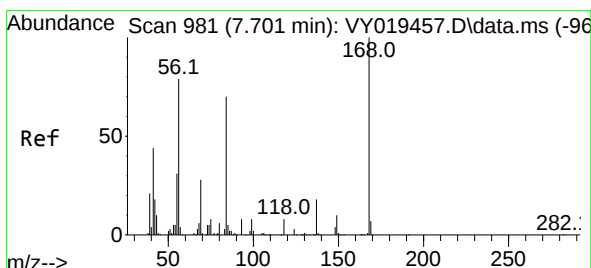
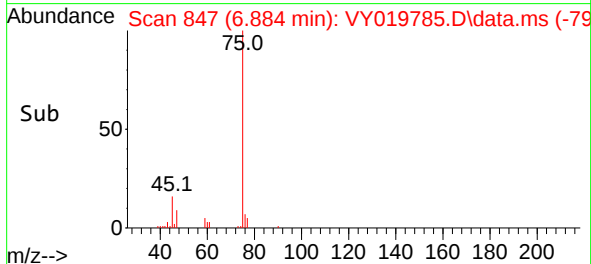
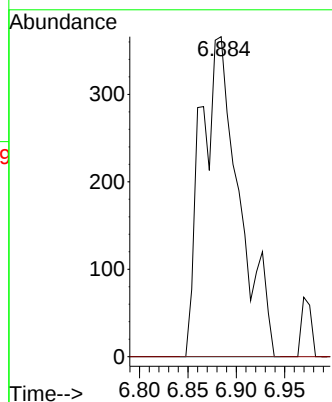
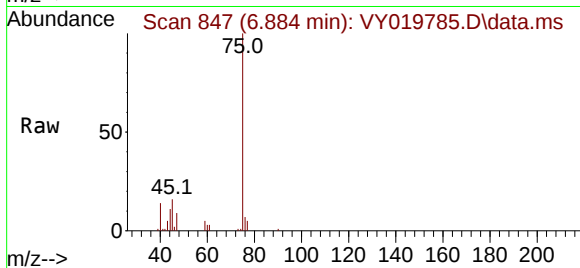
ClientSampleId :

Tgt Ion: 77 Resp: 1006

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#31

Cyclohexane

Concen: 2.069 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019785.D

Acq: 03 Oct 2024 14:07

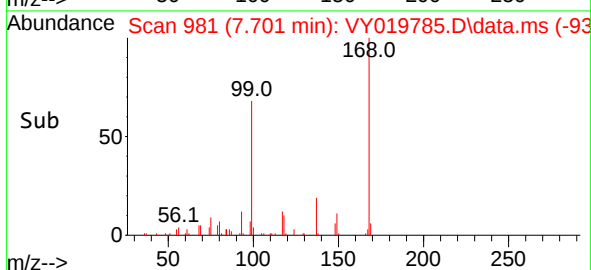
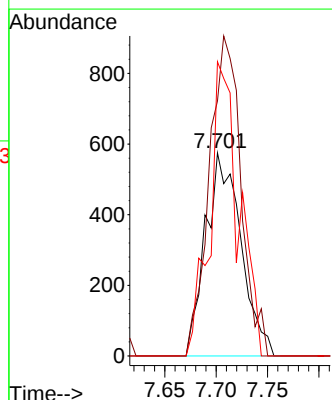
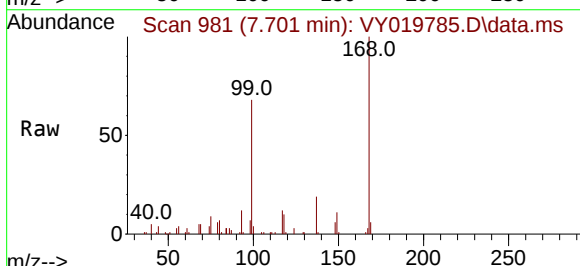
Tgt Ion: 56 Resp: 1371

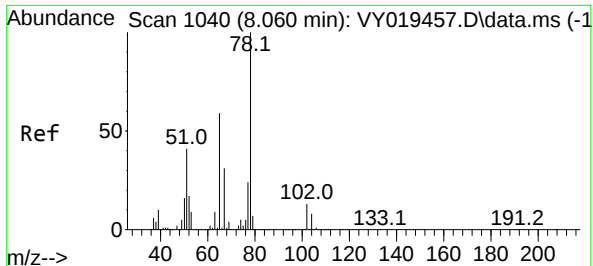
Ion Ratio Lower Upper

56 100

69 125.6 28.7 43.1#

84 144.9 77.7 116.5#

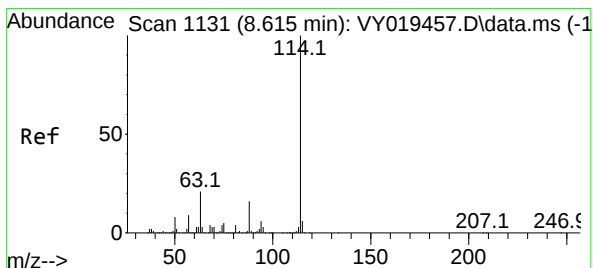
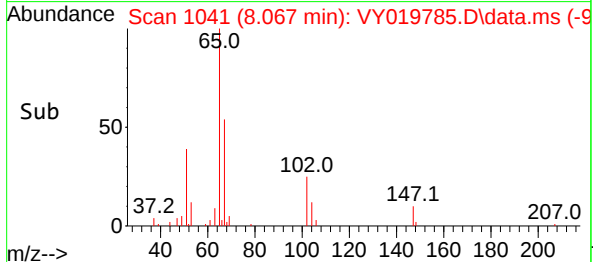
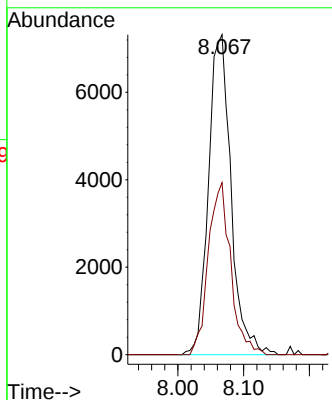
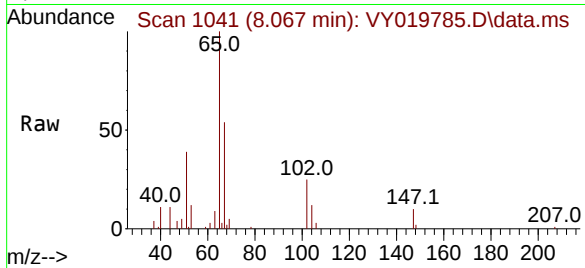




#33
 1,2-Dichloroethane-d4
 Concen: 47.118 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.007 min
 Lab File: VY019785.D
 Acq: 03 Oct 2024 14:07

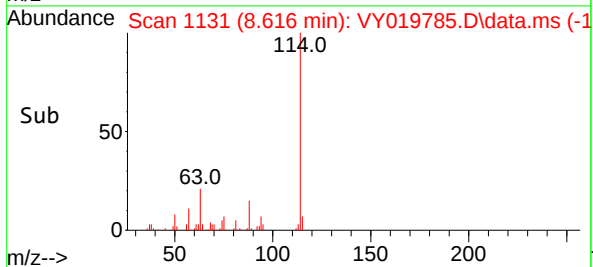
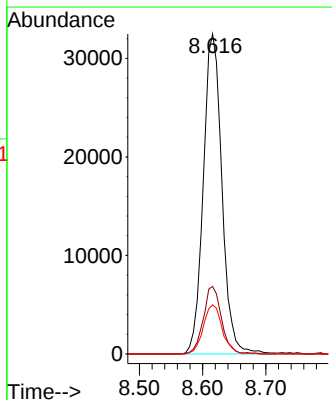
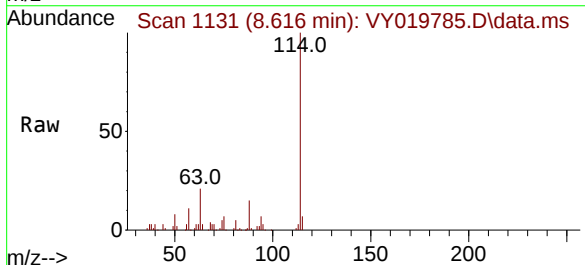
Instrument :
 MSVOA_Y
 ClientSampleId :

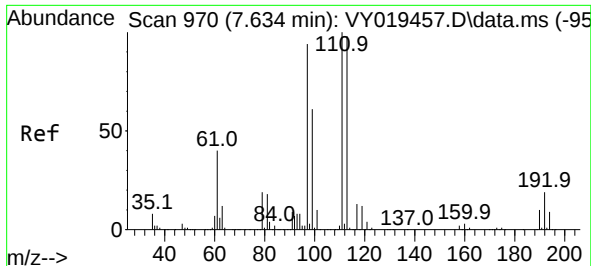
Tgt Ion: 65 Resp: 17449
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019785.D
 Acq: 03 Oct 2024 14:07

Tgt Ion: 114 Resp: 66530
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 35.0
 88 15.4 0.0 27.2

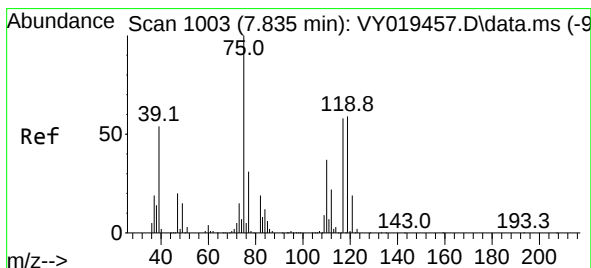
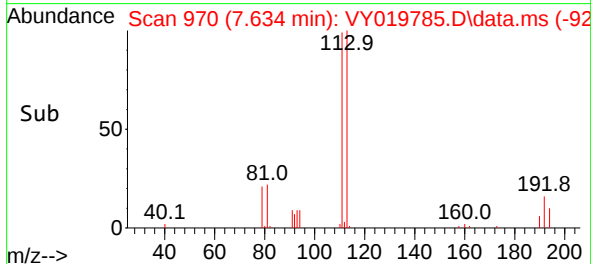
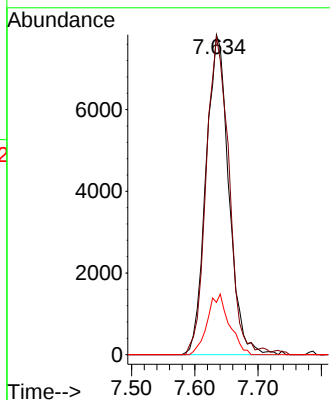
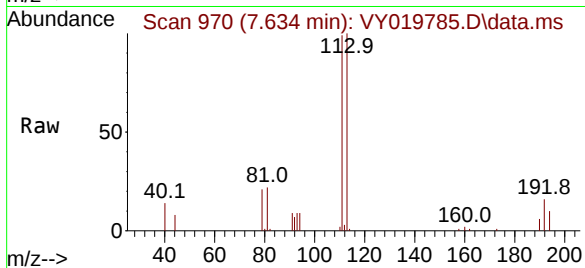




#35
Dibromofluoromethane
Concen: 51.987 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

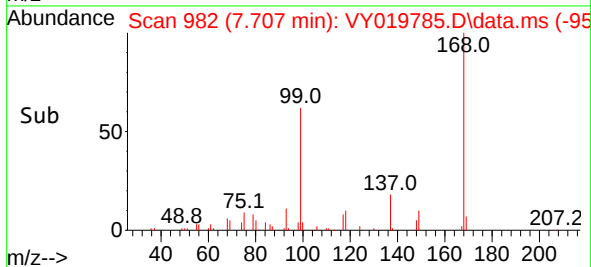
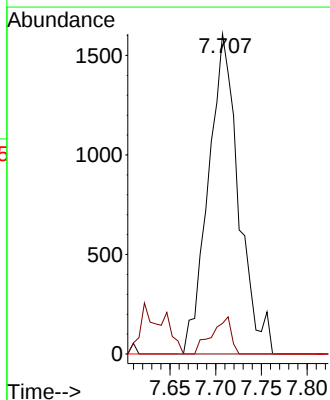
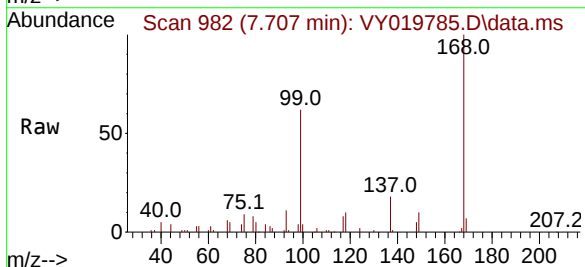
Instrument :
MSVOA_Y
ClientSampleId :

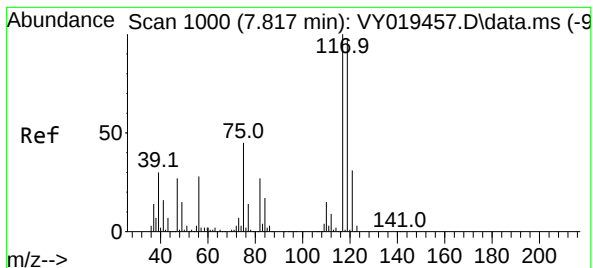
Tgt Ion:113 Resp: 19610
Ion Ratio Lower Upper
113 100
111 99.6 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 7.218 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

Tgt Ion: 75 Resp: 3705
Ion Ratio Lower Upper
75 100
110 7.4 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.168 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.103 min

Lab File: VY019785.D

Acq: 03 Oct 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

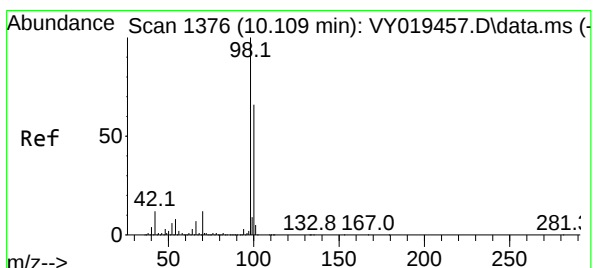
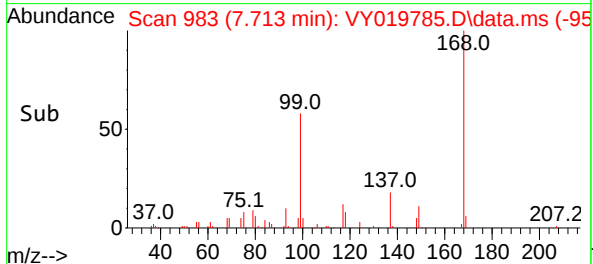
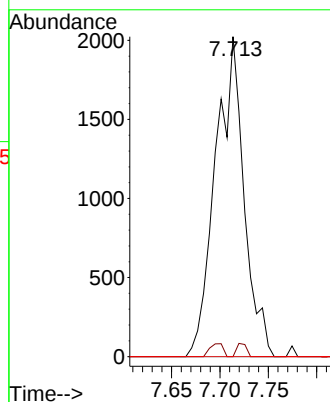
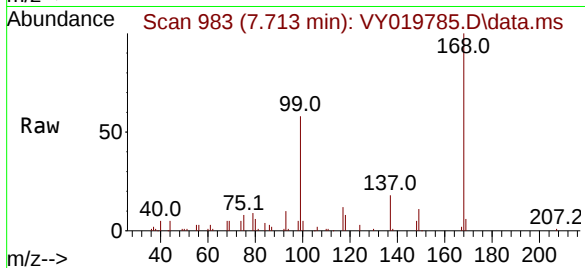
Tgt Ion:117 Resp: 4149

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 51.847 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019785.D

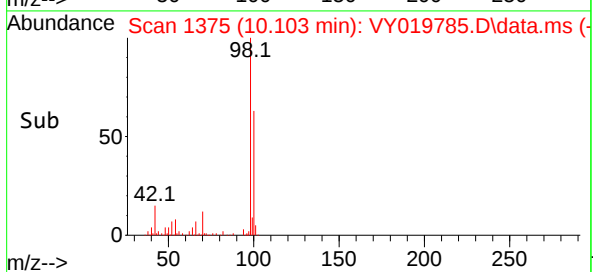
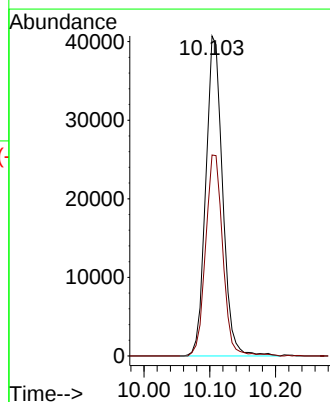
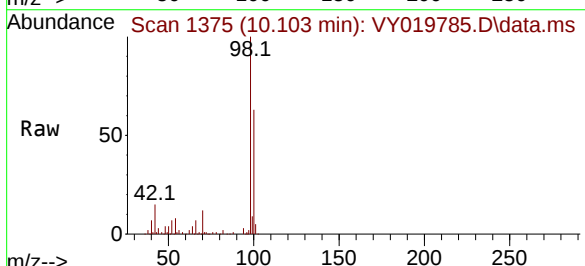
Acq: 03 Oct 2024 14:07

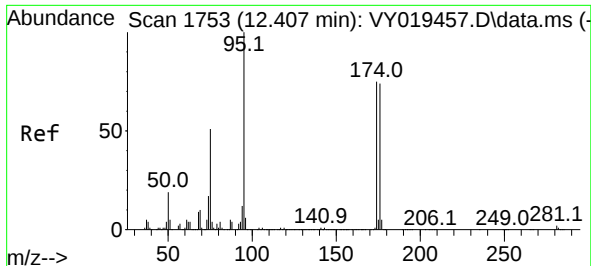
Tgt Ion: 98 Resp: 72338

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

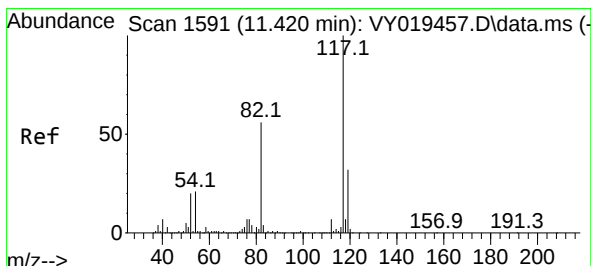
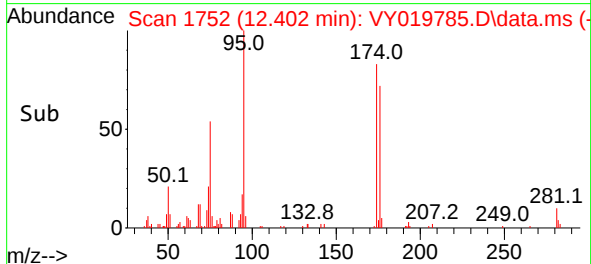
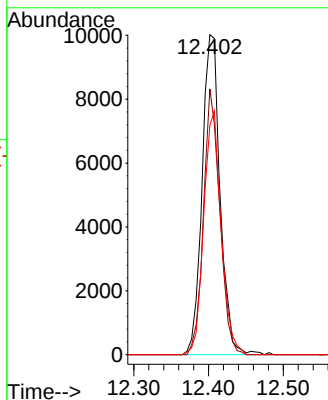
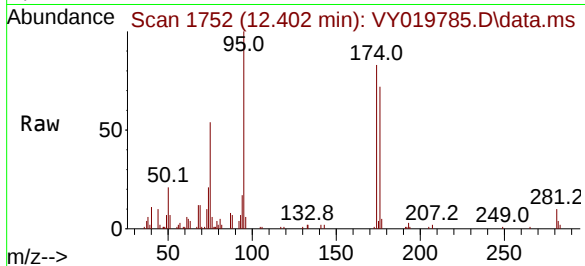




#62
4-Bromofluorobenzene
Concen: 31.351 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

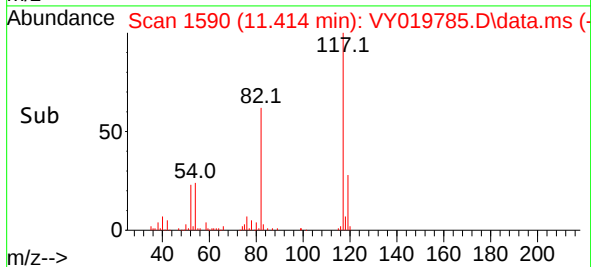
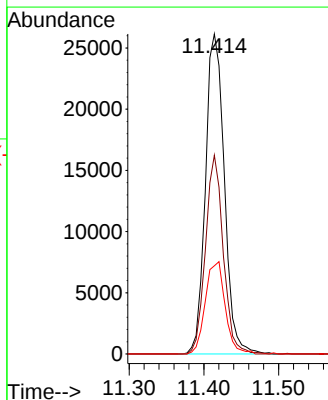
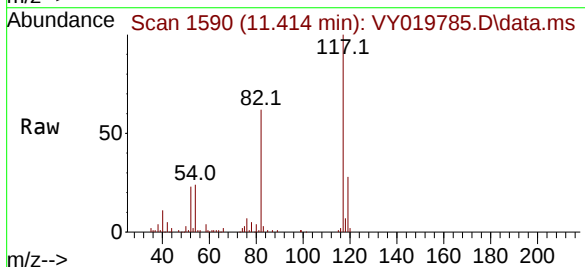
Instrument :
MSVOA_Y
ClientSampleId :

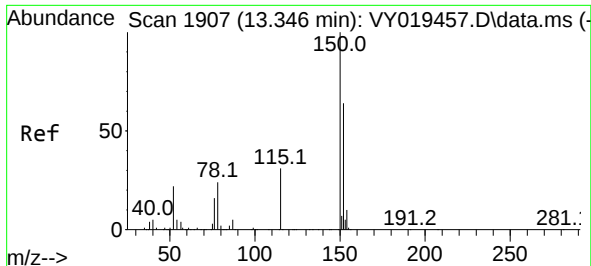
Tgt Ion: 95 Resp: 16819
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 73.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

Tgt Ion: 117 Resp: 46000
Ion Ratio Lower Upper
117 100
82 62.1 42.4 63.6
119 27.6 25.9 38.9

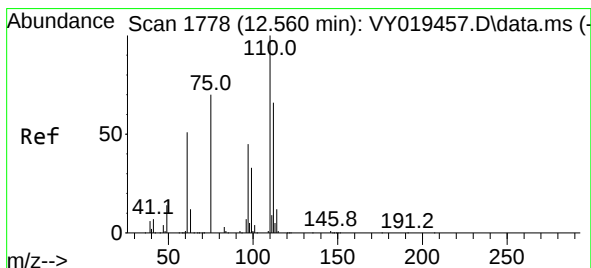
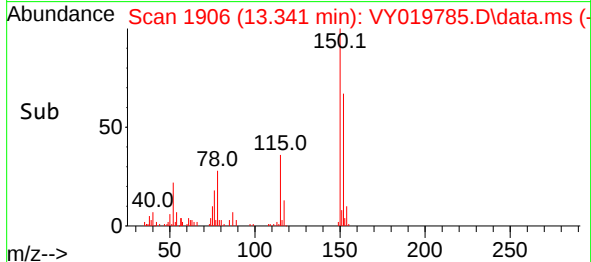
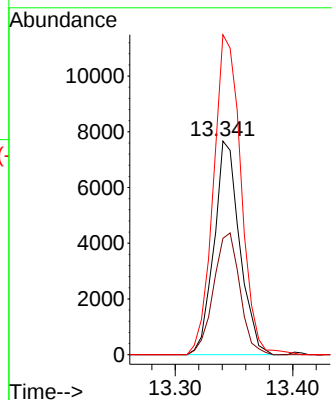
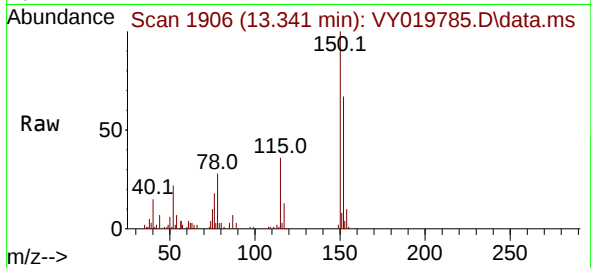




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.341 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

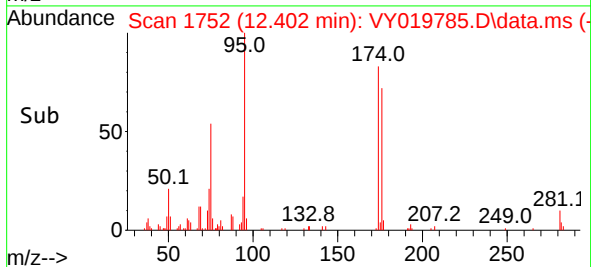
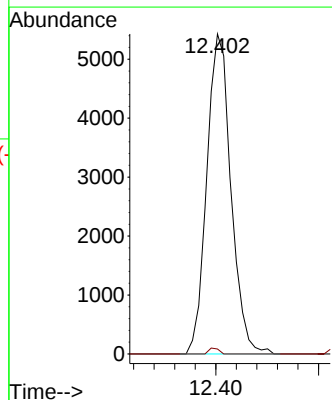
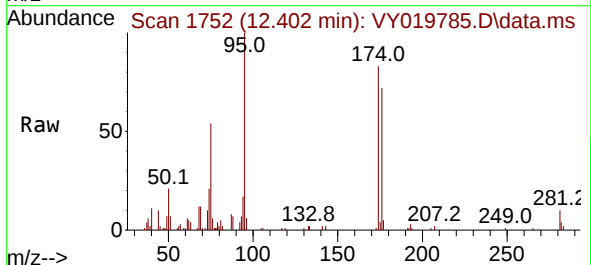
Instrument :
MSVOA_Y
ClientSampleId :

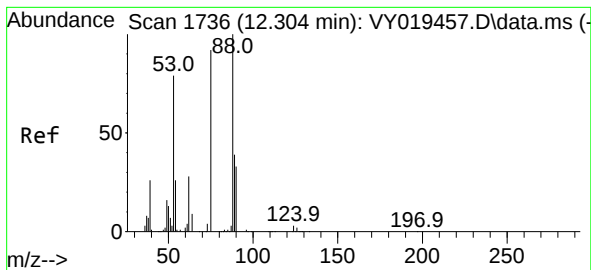
Tgt Ion:152 Resp: 11609
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 160.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 81.491 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019785.D
Acq: 03 Oct 2024 14:07

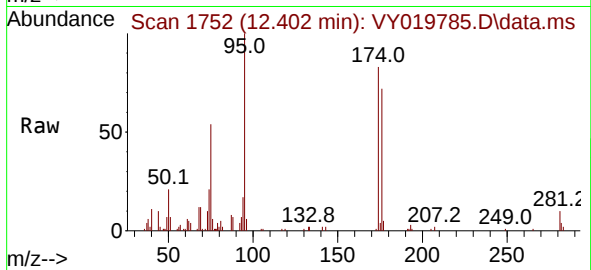
Tgt Ion: 75 Resp: 8867
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.438 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019785.D
 Acq: 03 Oct 2024 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 8867
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

