

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019510.D
 Acq On : 11 Sep 2024 15:42
 Operator : SY/MD
 Sample : P3425-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:32:52 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)

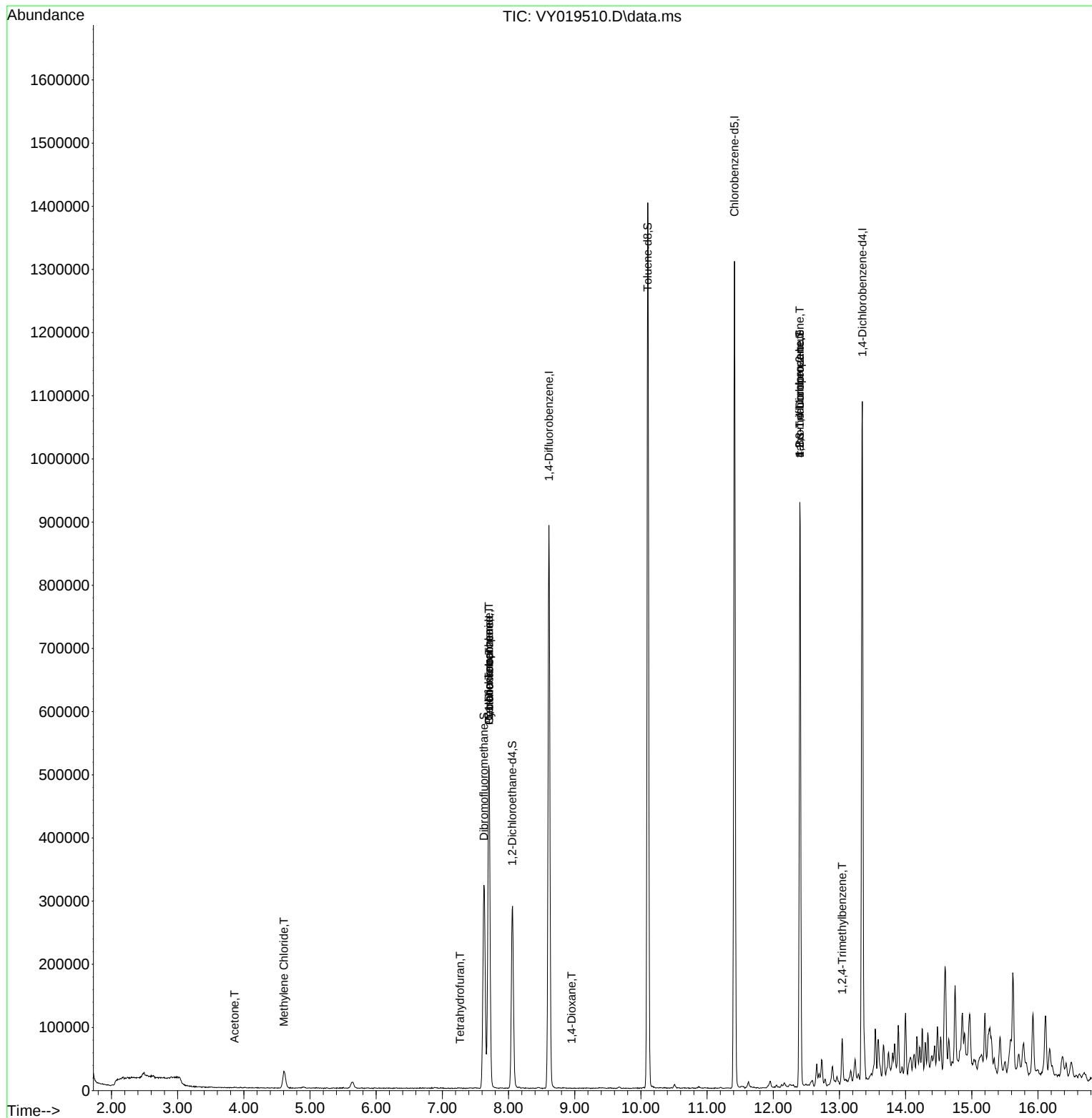
Internal Standards						
1) Pentafluorobenzene	7.707	168	386056	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	743277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	670787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	263740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	231930	64.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.760%	
35) Dibromofluoromethane	7.628	113	235269	55.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.660%	
50) Toluene-d8	10.103	98	887699	56.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.900%	
62) 4-Bromofluorobenzene	12.402	95	297776	49.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	88	Below Cal	#	43
13) Acrolein	3.641	56	105	Below Cal	#	20
16) Acetone	3.860	43	1769	2.077	ug/l #	36
20) Methylene Chloride	4.604	84	19258	4.958	ug/l #	86
29) Tetrahydrofuran	7.268	42	812	1.103	ug/l #	38
31) Cyclohexane	7.707	56	9643	1.507	ug/l #	4
36) 1,1-Dichloropropene	7.701	75	32880	5.734	ug/l #	48
38) Carbon Tetrachloride	7.701	117	41899	6.479	ug/l #	17
49) 1,4-Dioxane	8.951	88	37	1.331	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	160257	64.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	160257	124.452	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.042	105	36648	2.380	ug/l	96

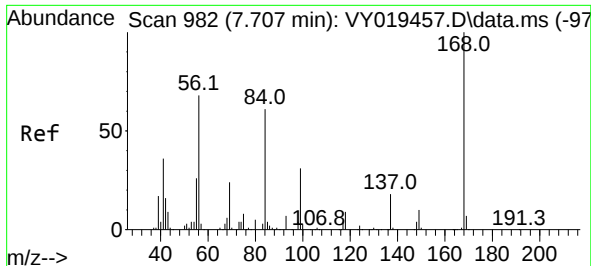
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
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QLast Update : Mon Sep 09 16:00:30 2024
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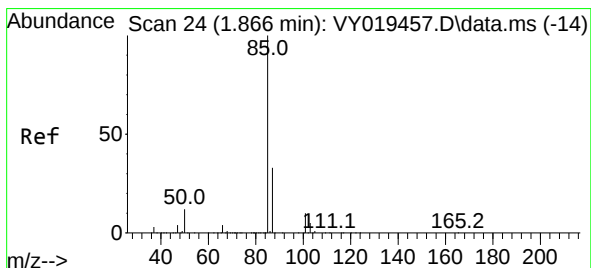
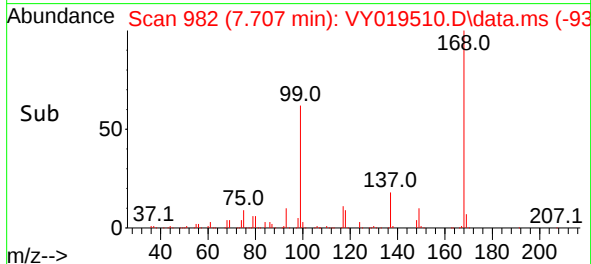
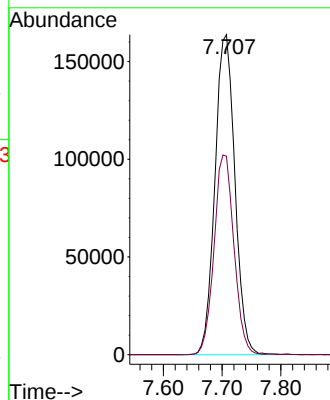
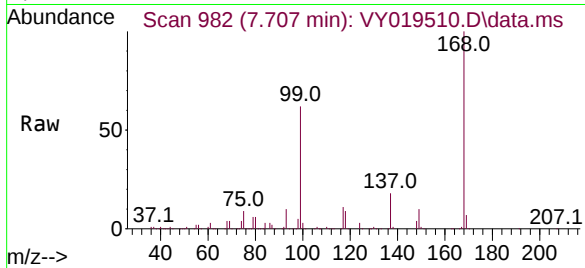




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

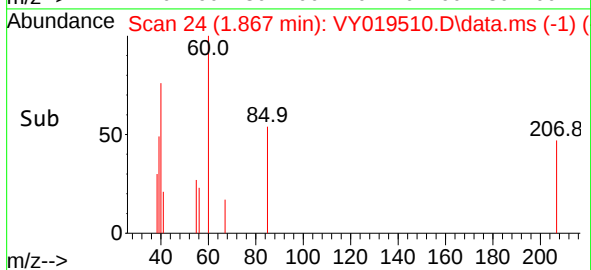
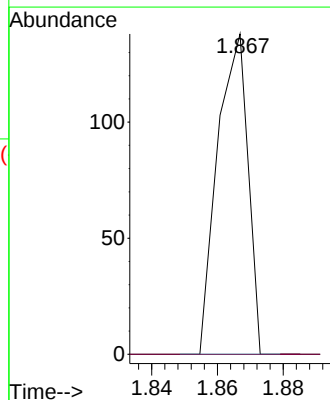
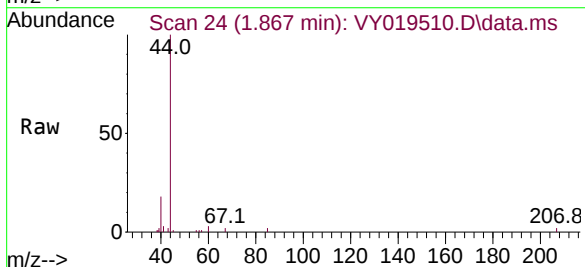
Instrument :
MSVOA_Y
ClientSampleId :

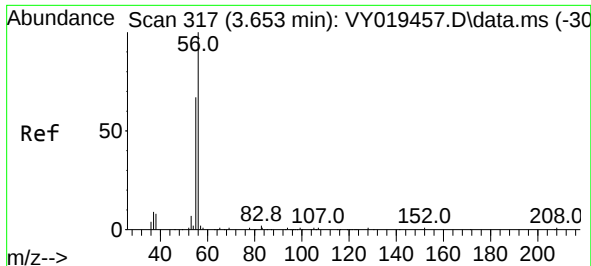
Tgt Ion:168 Resp: 386056
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

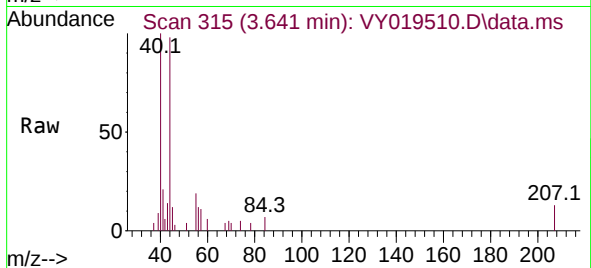
Tgt Ion: 85 Resp: 88
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



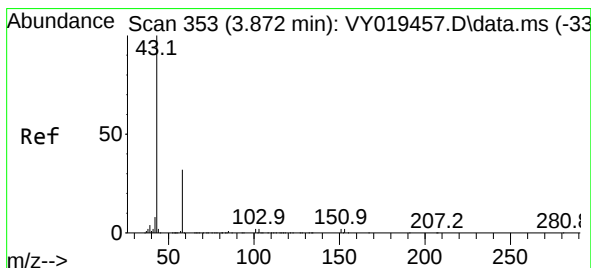
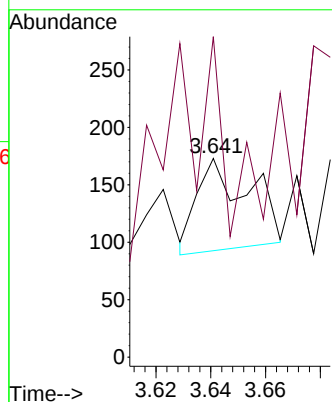
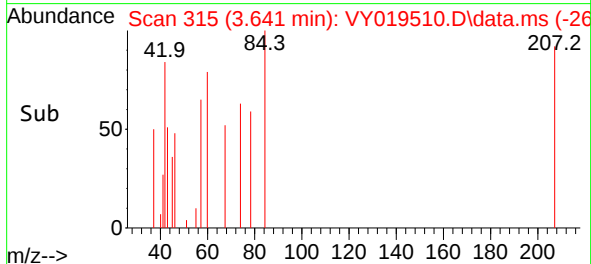


#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

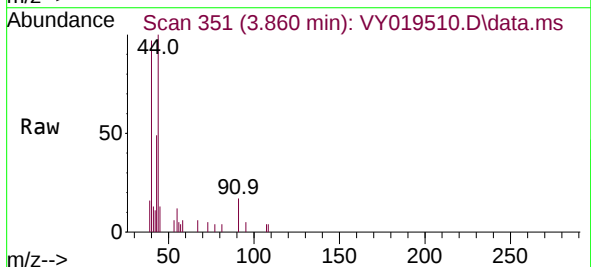
Instrument :
MSVOA_Y
ClientSampleId :



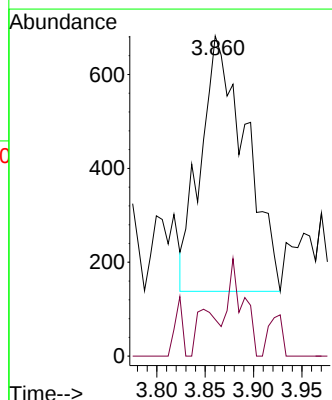
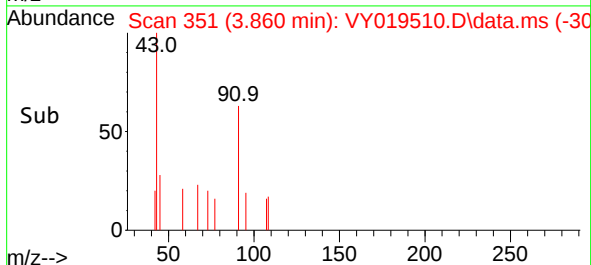
Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 135.2 55.7 83.5#

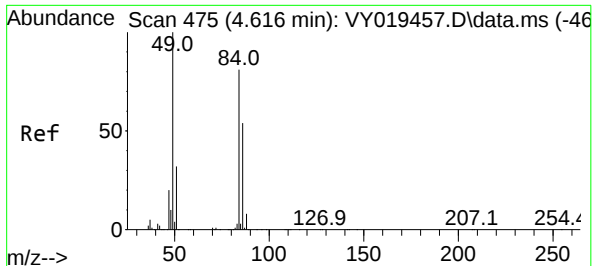


#16
Acetone
Concen: 2.077 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42



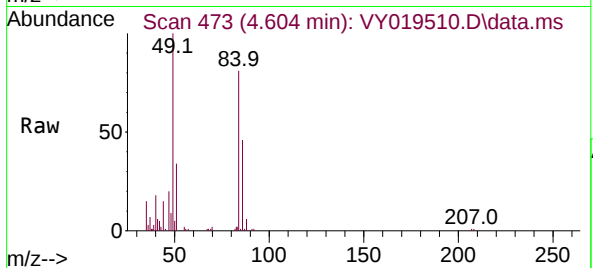
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



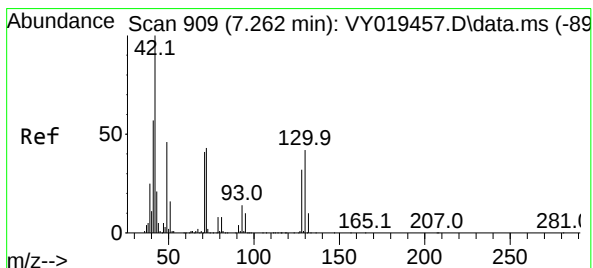
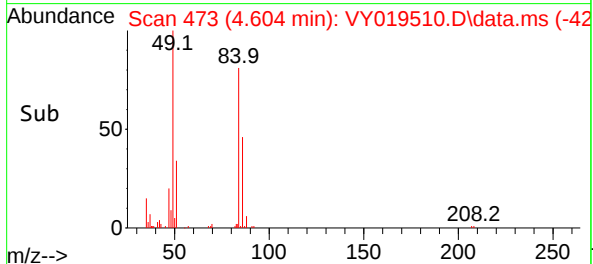
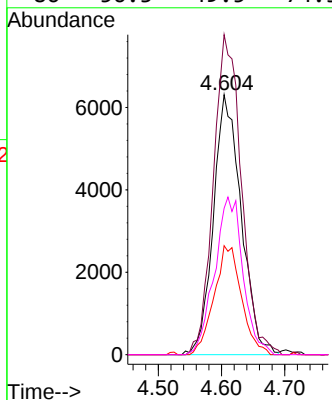


#20
Methylene Chloride
Concen: 4.958 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

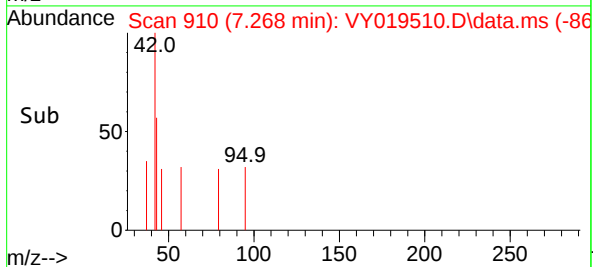
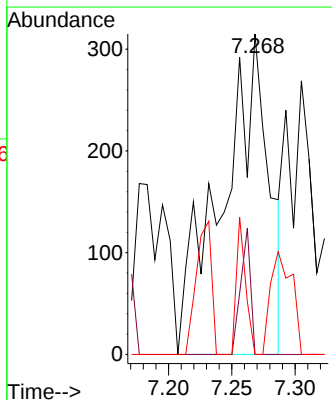
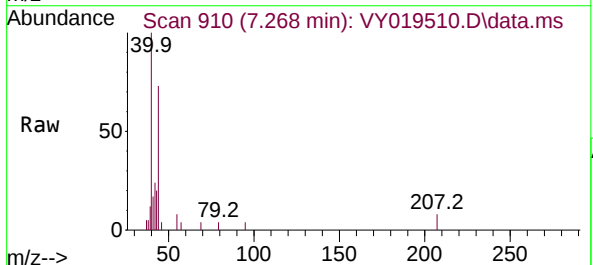


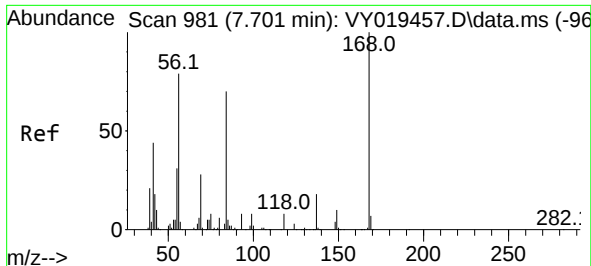
Tgt Ion:	84	Resp:	19258
Ion	Ratio	Lower	Upper
84	100		
49	123.1	84.4	126.6
51	41.9	26.0	39.0#
86	56.3	49.5	74.3



#29
Tetrahydrofuran
Concen: 1.103 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

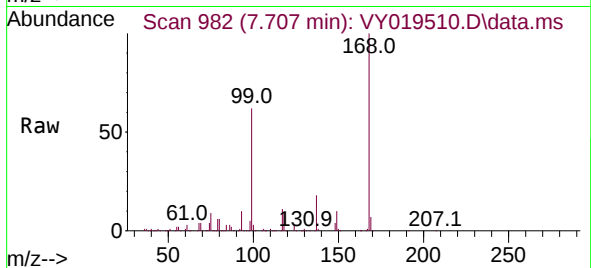
Tgt Ion:	42	Resp:	812
Ion	Ratio	Lower	Upper
42	100		
72	8.3	43.0	64.4#
71	8.4	40.8	61.2#



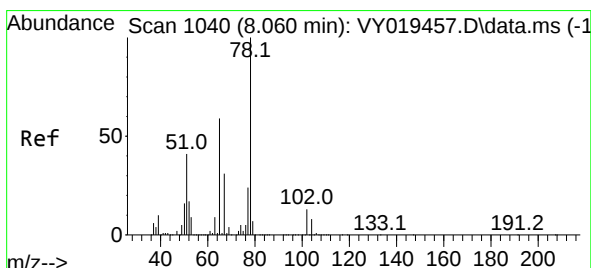
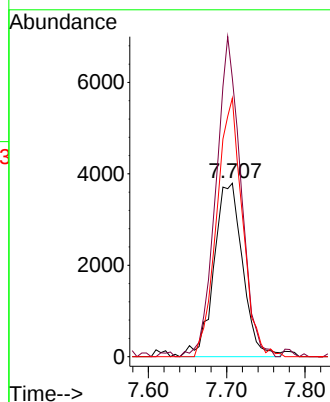
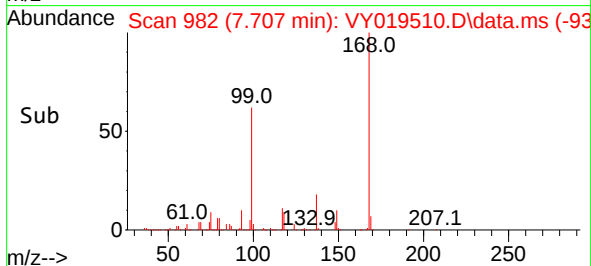


#31
Cyclohexane
Concen: 1.507 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

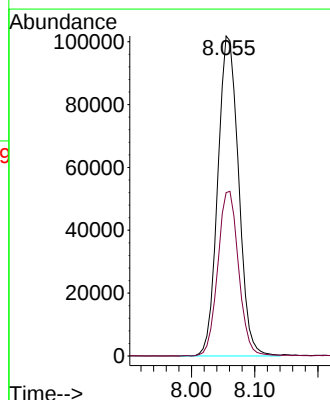
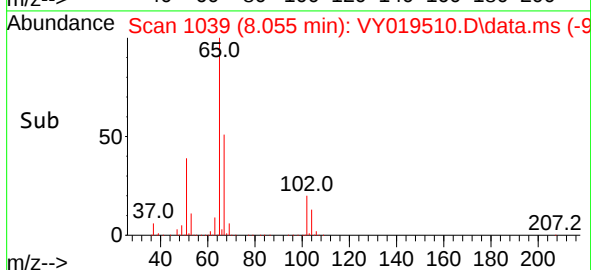
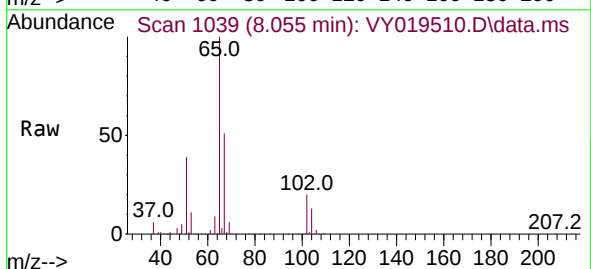


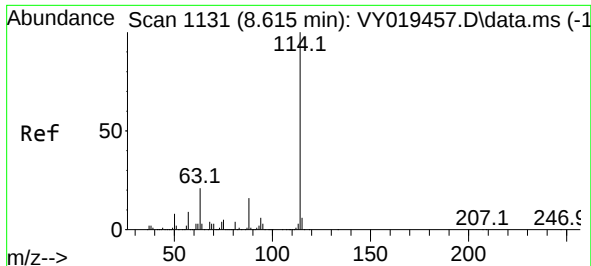
Tgt Ion: 56 Resp: 9643
Ion Ratio Lower Upper
56 100
69 160.5 28.7 43.1#
84 149.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 64.879 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Tgt Ion: 65 Resp: 231930
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

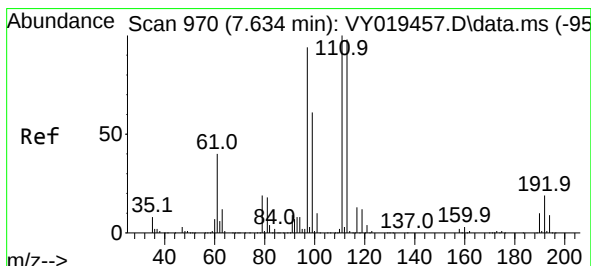
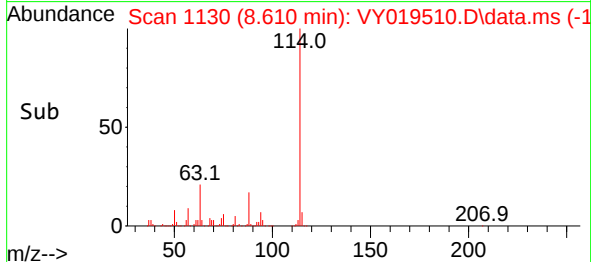
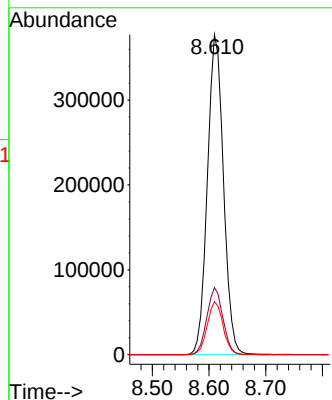
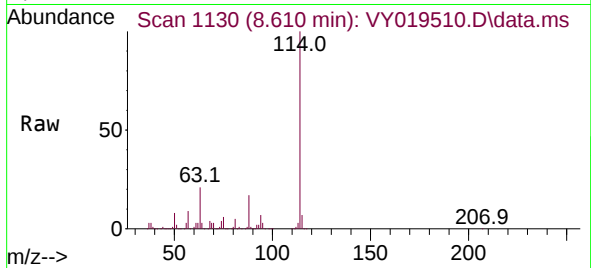




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

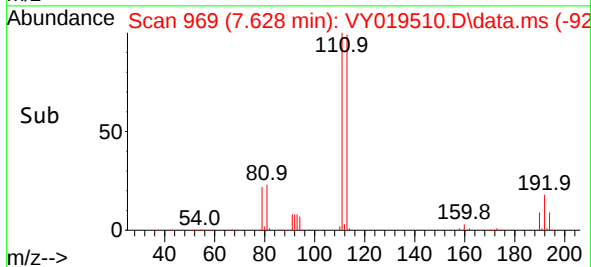
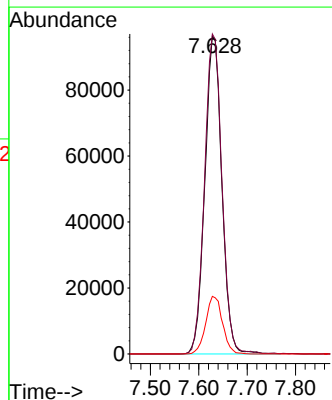
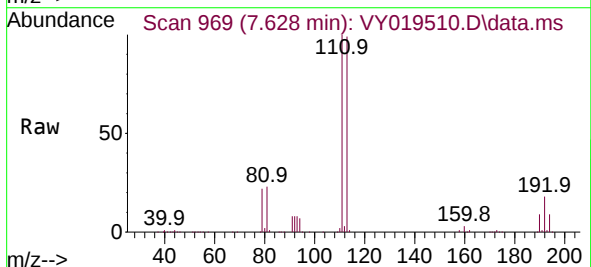
Instrument :
MSVOA_Y
ClientSampleId :

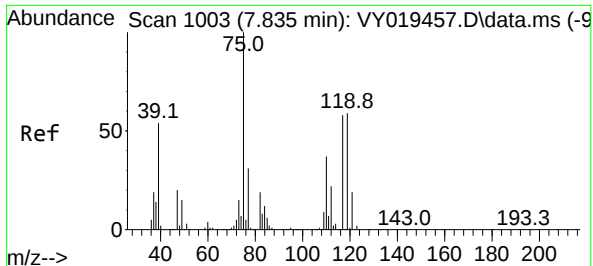
Tgt Ion:114 Resp: 743277
Ion Ratio Lower Upper
114 100
63 21.0 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.827 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Tgt Ion:113 Resp: 235269
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.9 15.9 23.9

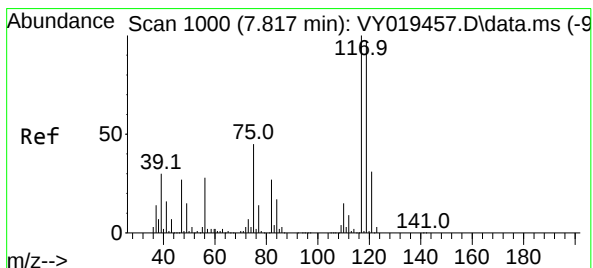
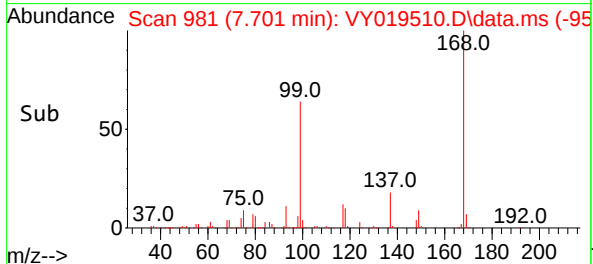
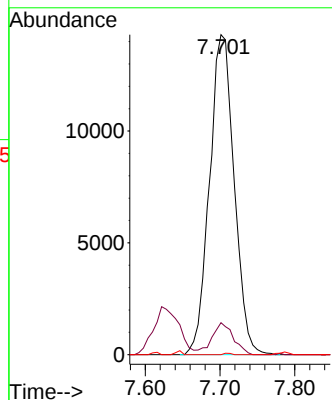
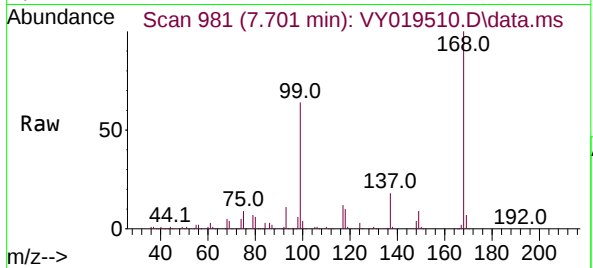




#36
1,1-Dichloropropene
Concen: 5.734 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

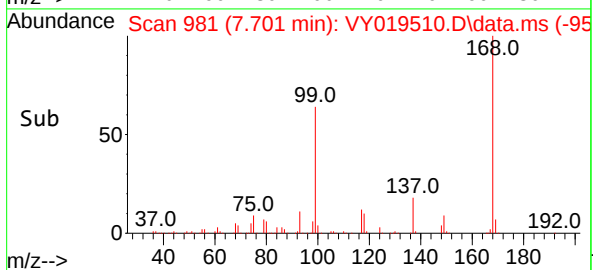
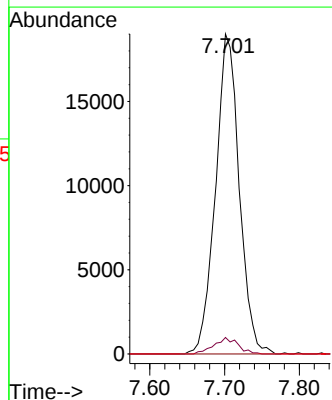
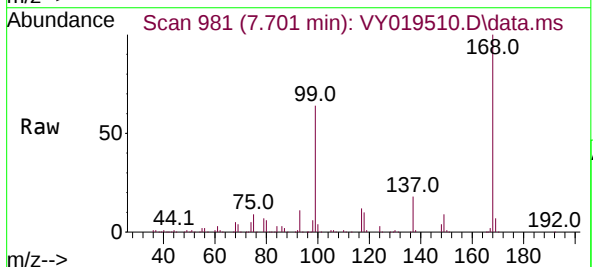
Instrument :
MSVOA_Y
ClientSampleId :

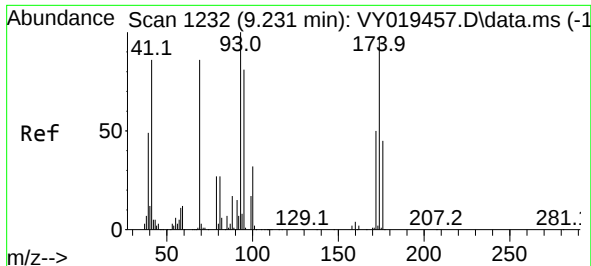
Tgt Ion: 75 Resp: 32880
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.115 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Tgt Ion: 117 Resp: 41899
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.331 ug/l

RT: 8.951 min Scan# 1186

Delta R.T. -0.280 min

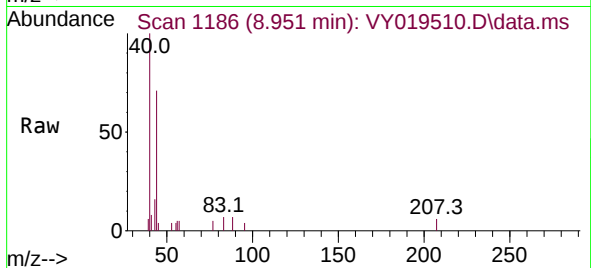
Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

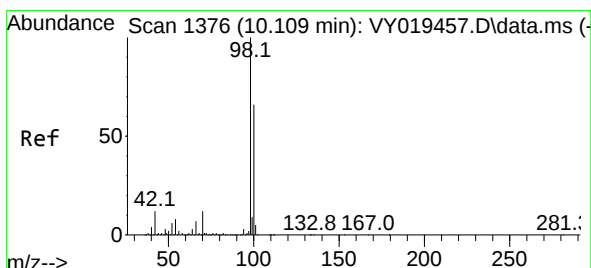
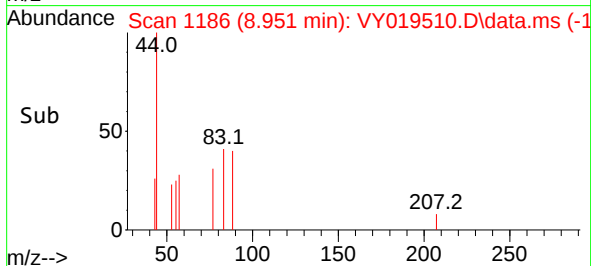
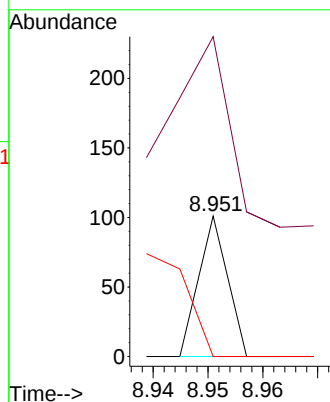
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	37
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	49.3	73.9



#50

Toluene-d8

Concen: 56.949 ug/l

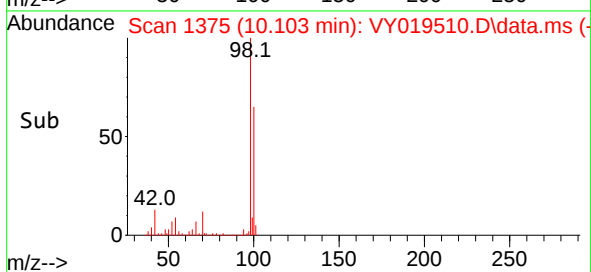
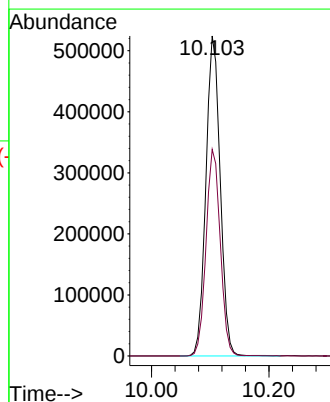
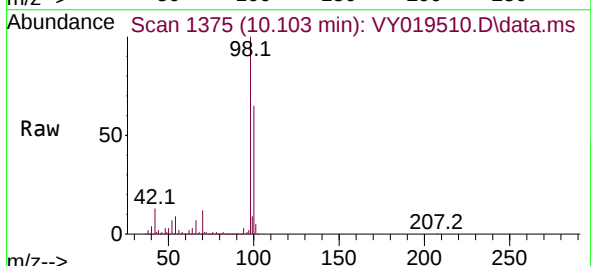
RT: 10.103 min Scan# 1375

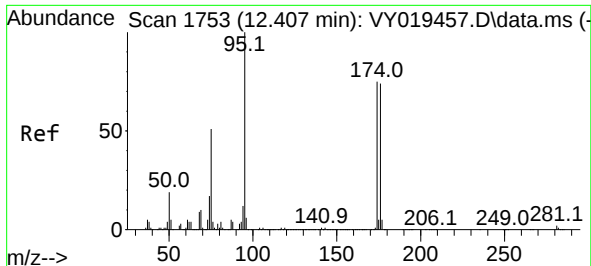
Delta R.T. -0.006 min

Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

Tgt Ion:	98	Resp:	887699
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0

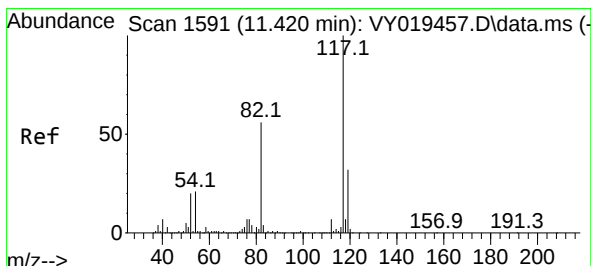
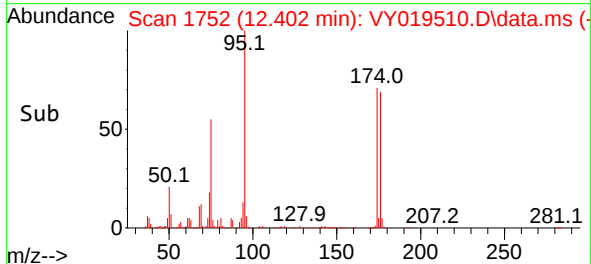
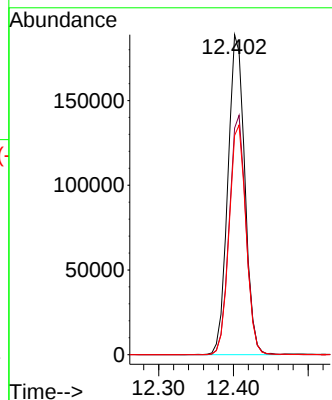
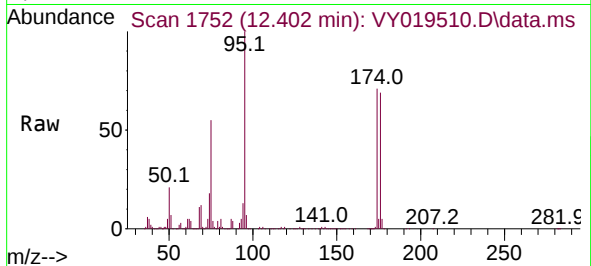




#62
4-Bromofluorobenzene
Concen: 49.683 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

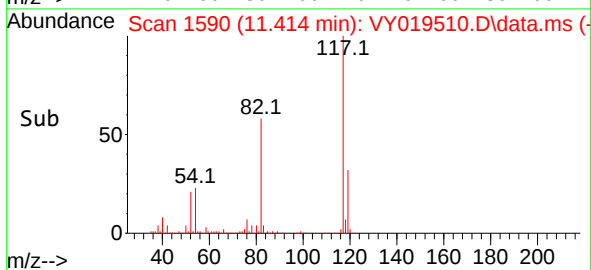
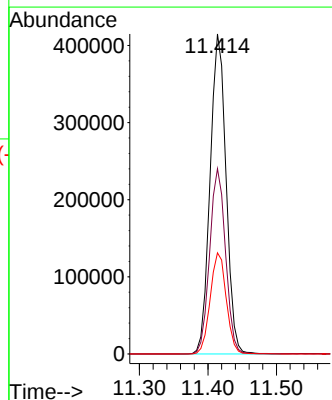
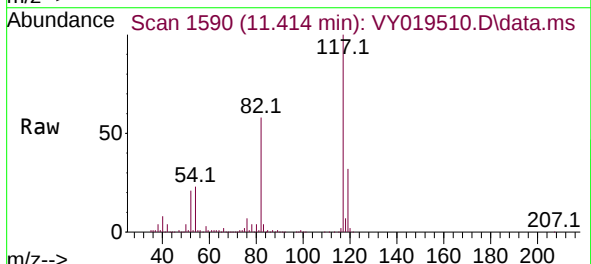
Instrument :
MSVOA_Y
ClientSampleId :

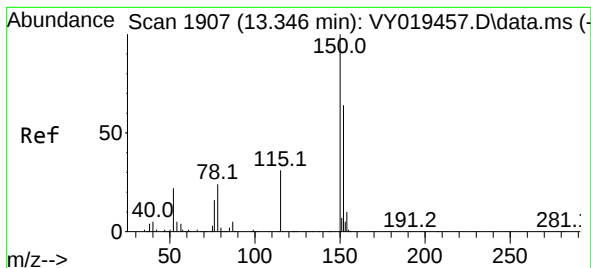
Tgt Ion: 95 Resp: 297776
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 71.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Tgt Ion: 117 Resp: 670787
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.6 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: VY019510.D

Acq: 11 Sep 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

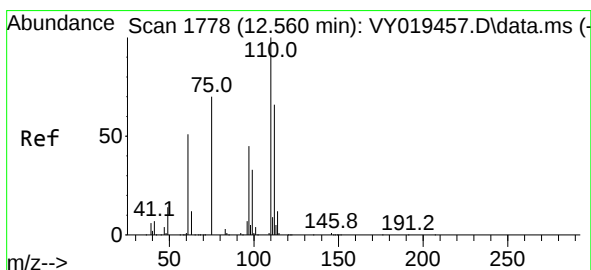
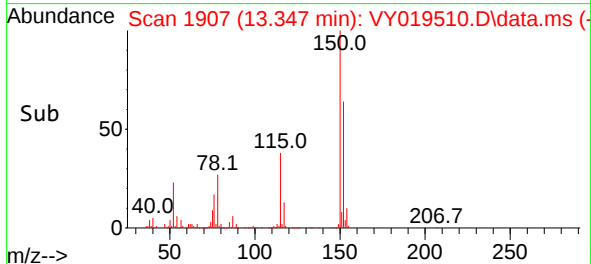
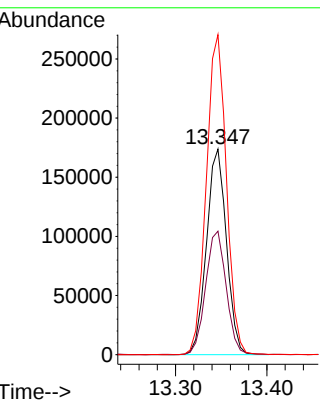
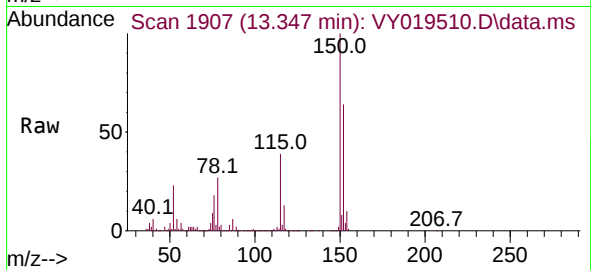
Tgt Ion:152 Resp: 263740

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 156.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.829 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019510.D

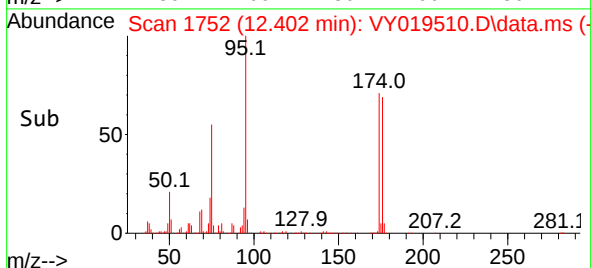
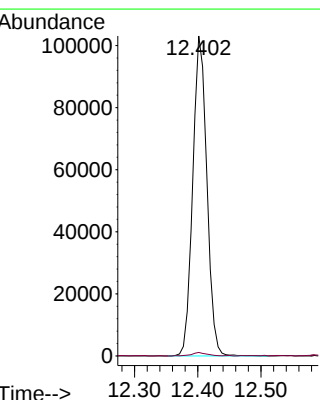
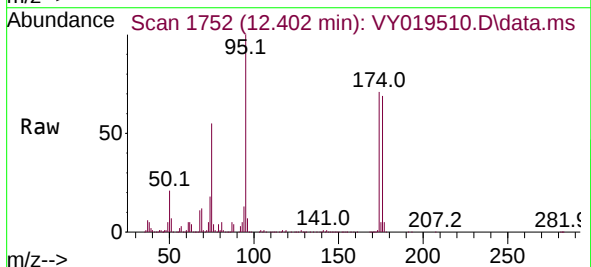
Acq: 11 Sep 2024 15:42

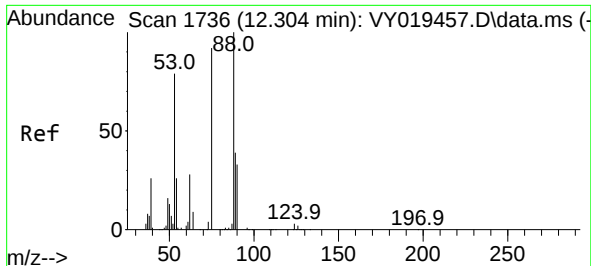
Tgt Ion: 75 Resp: 160257

Ion Ratio Lower Upper

75 100

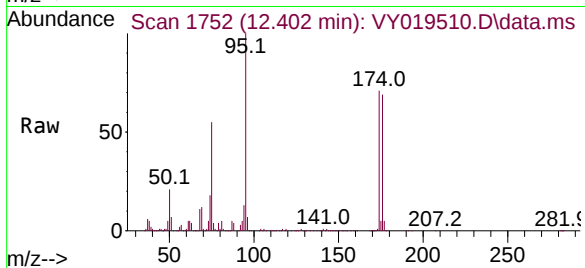
77 1.2 0.0 0.0#



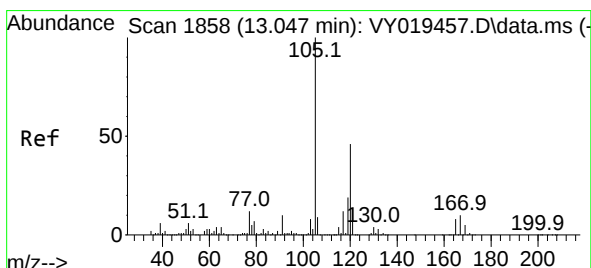
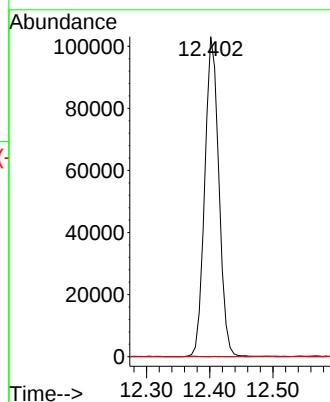
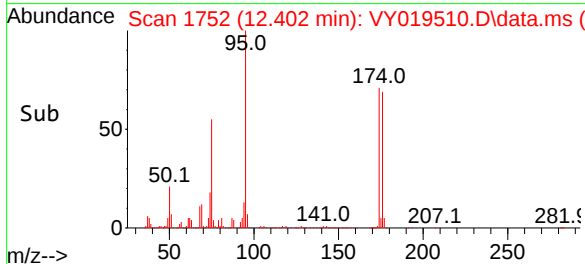


#81
trans-1,4-Dichloro-2-butene
Concen: 124.452 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

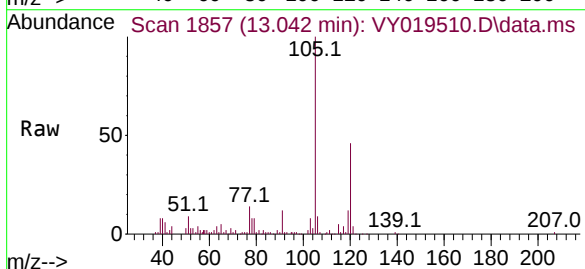
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 160257
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#84
1,2,4-Trimethylbenzene
Concen: 2.380 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42



Tgt Ion: 105 Resp: 36648
Ion Ratio Lower Upper
105 100
120 43.9 23.2 69.6

