

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019910.D
 Acq On : 16 Oct 2024 10:47
 Operator : SY/MD
 Sample : VY1016SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

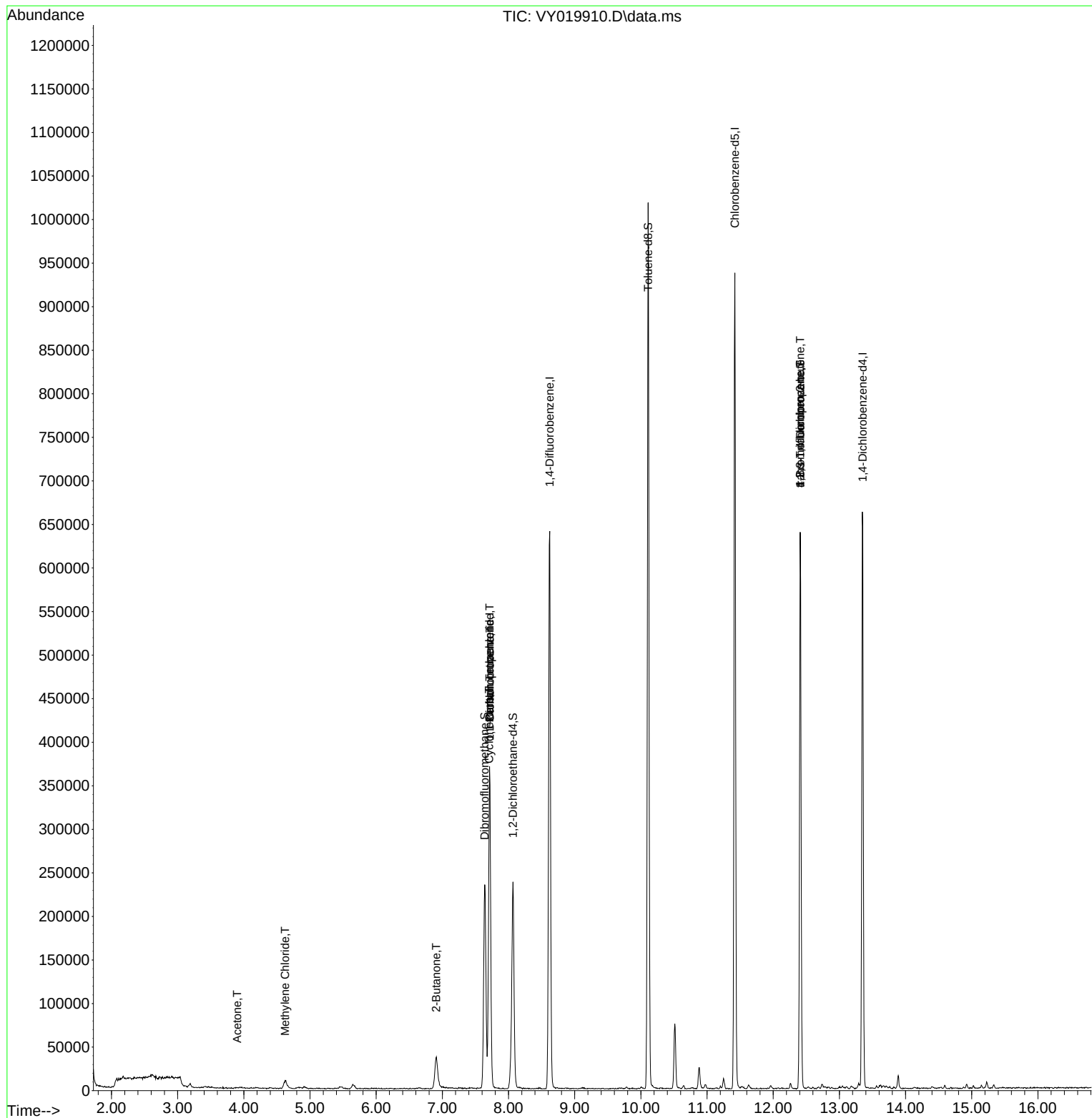
Internal Standards						
1) Pentafluorobenzene	7.713	168	250803	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	517832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	451411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	150743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	168160	54.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.900%	
35) Dibromofluoromethane	7.640	113	164981	48.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.560%	
50) Toluene-d8	10.109	98	632469	50.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.408	95	185503	40.684	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 81.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.897	59	538	Below Cal	#	88
16) Acetone	3.897	43	1606	1.998	ug/l #	57
20) Methylene Chloride	4.622	84	5801	1.165	ug/l #	72
25) 2-Butanone	6.909	43	2726	2.533	ug/l #	70
31) Cyclohexane	7.707	56	7576	1.468	ug/l #	34
36) 1,1-Dichloropropene	7.719	75	25376	5.155	ug/l #	48
38) Carbon Tetrachloride	7.713	117	27893	5.285	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	105610	35.763	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	105610	144.354	ug/l #	16

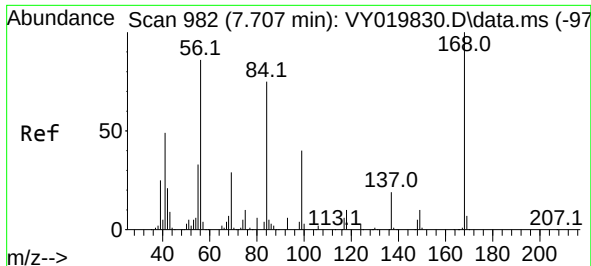
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
Data File : VY019910.D
Acq On : 16 Oct 2024 10:47
Operator : SY/MD
Sample : VY1016SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

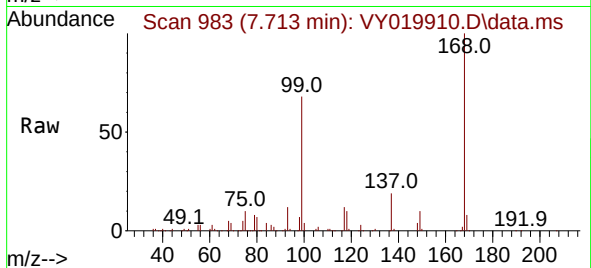
Quant Time: Oct 17 01:50:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration



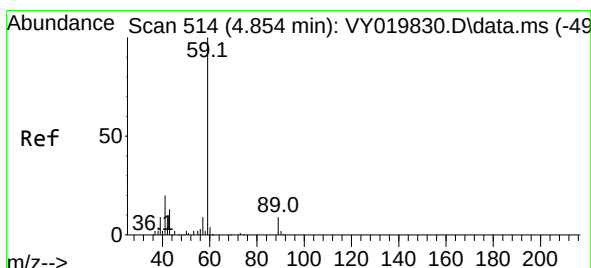
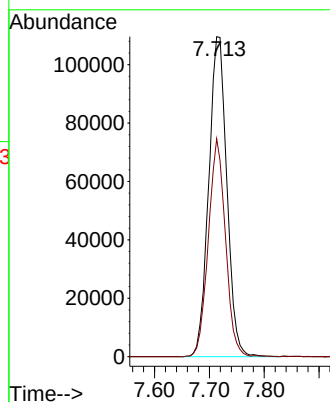
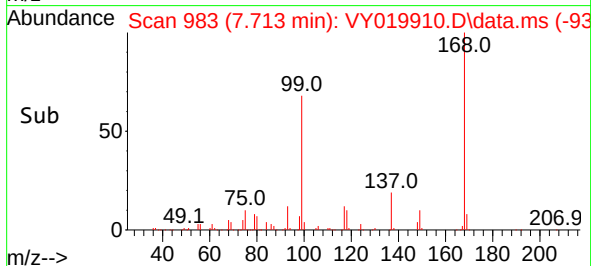


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Instrument :
MSVOA_Y
ClientSampleId :

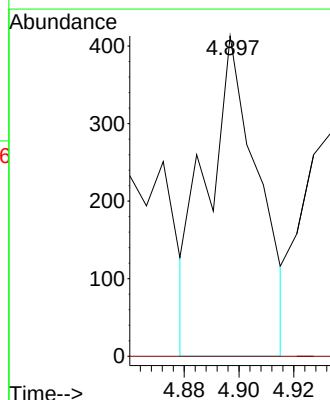
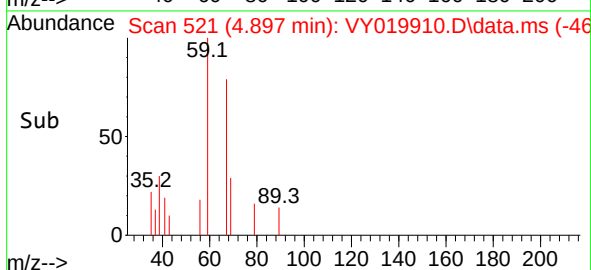
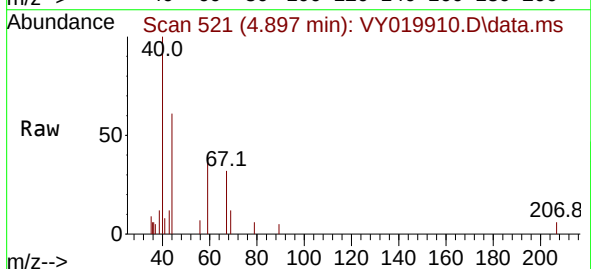


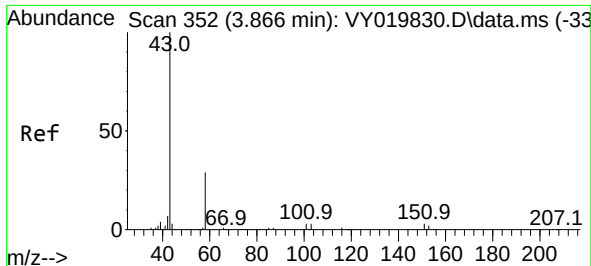
Tgt Ion:168 Resp: 250803
Ion Ratio Lower Upper
168 100
99 68.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.897 min Scan# 521
Delta R.T. 0.037 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

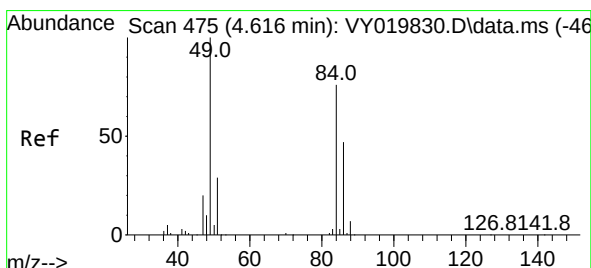
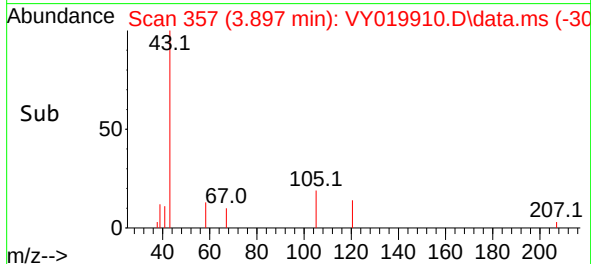
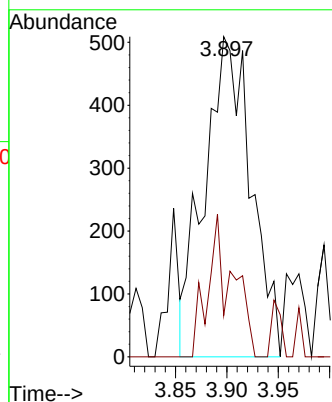
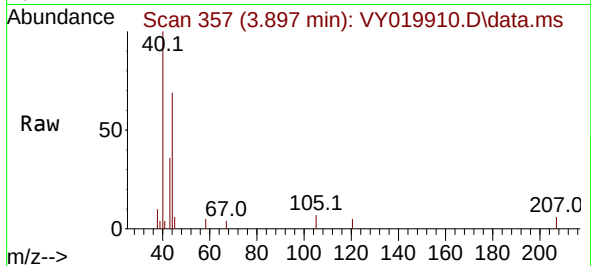




#16
Acetone
Concen: 1.998 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

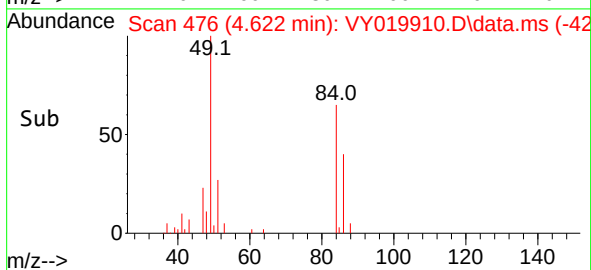
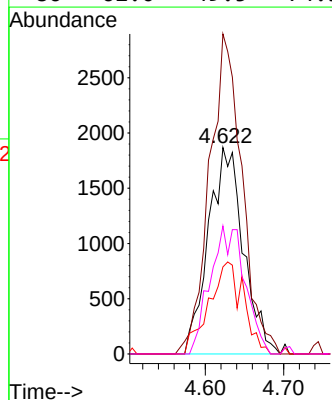
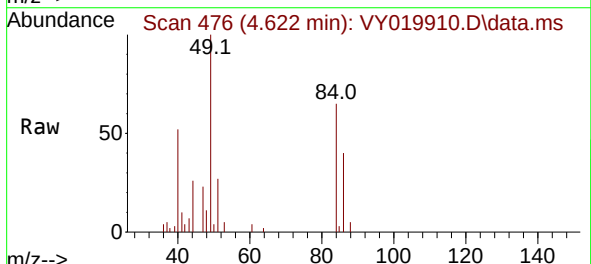
Instrument :
MSVOA_Y
ClientSampleId :

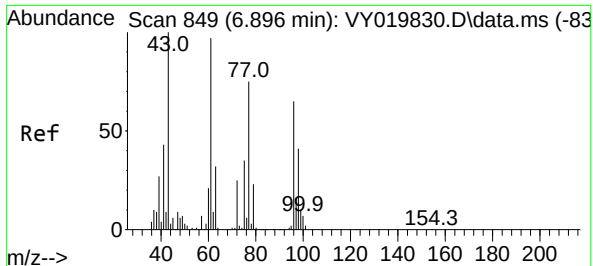
Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 13.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.165 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Tgt Ion: 84 Resp: 5801
Ion Ratio Lower Upper
84 100
49 155.0 84.4 126.6#
51 42.2 26.0 39.0#
86 62.0 49.5 74.3





#25

2-Butanone

Concen: 2.533 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY019910.D

Acq: 16 Oct 2024 10:47

Instrument :

MSVOA_Y

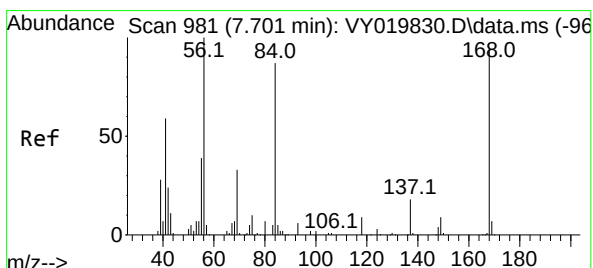
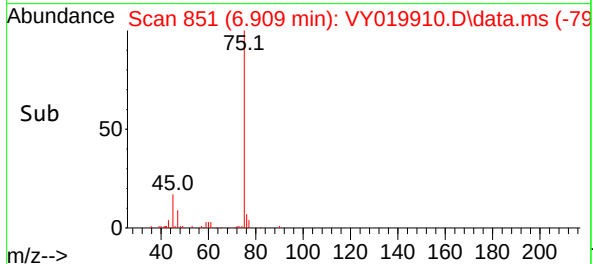
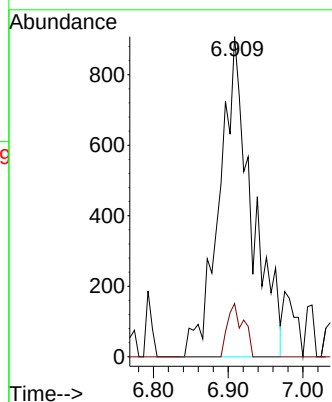
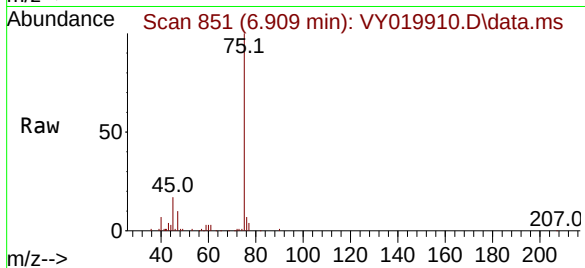
ClientSampleId :

Tgt Ion: 43 Resp: 2726

Ion Ratio Lower Upper

43 100

72 16.6 27.3 40.9#



#31

Cyclohexane

Concen: 1.468 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019910.D

Acq: 16 Oct 2024 10:47

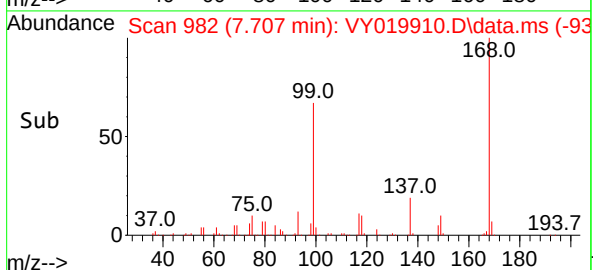
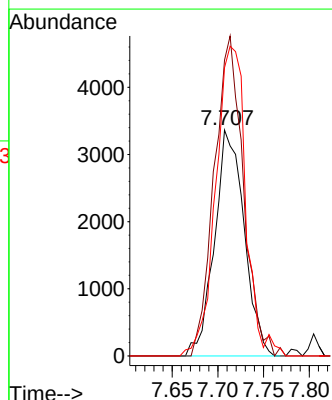
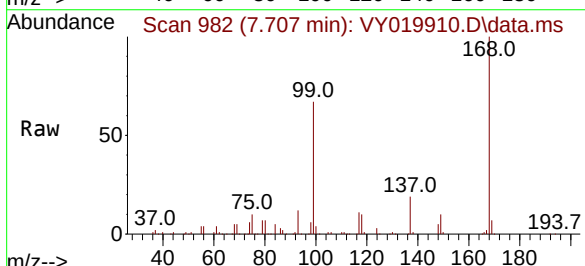
Tgt Ion: 56 Resp: 7576

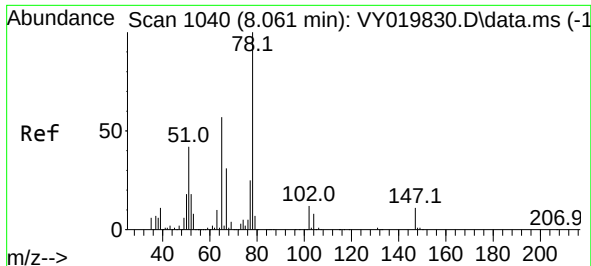
Ion Ratio Lower Upper

56 100

69 130.9 28.7 43.1#

84 127.6 77.7 116.5#

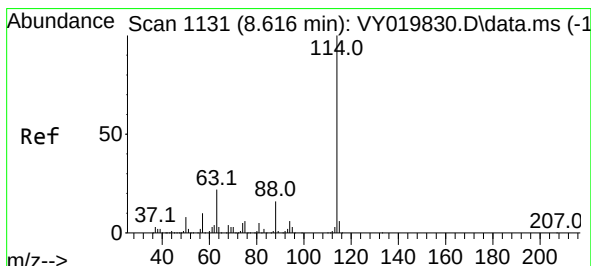
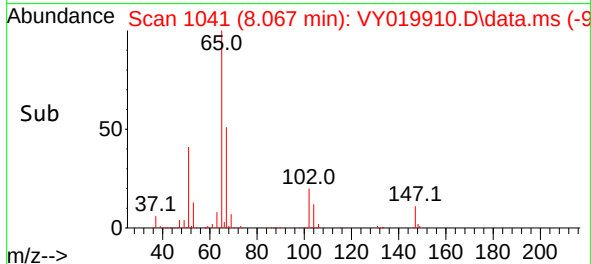
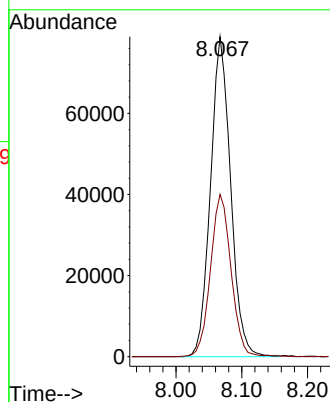
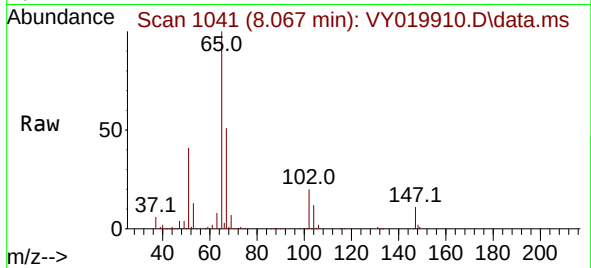




#33
1,2-Dichloroethane-d4
Concen: 54.454 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

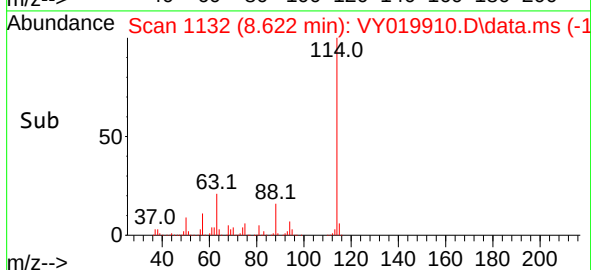
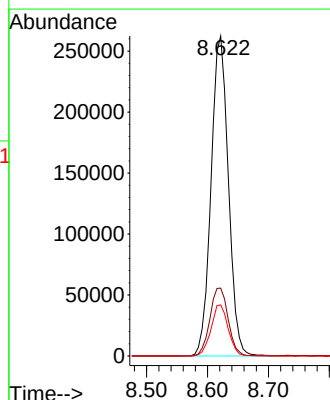
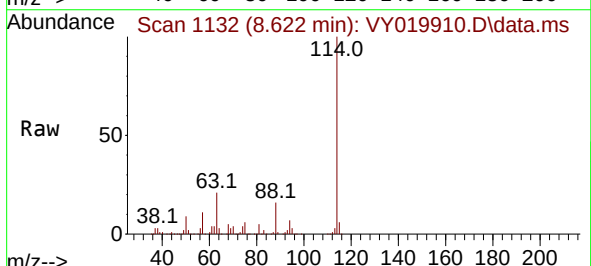
Instrument :
MSVOA_Y
ClientSampleId :

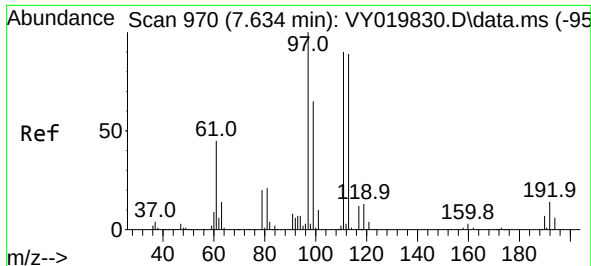
Tgt Ion: 65 Resp: 168160
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

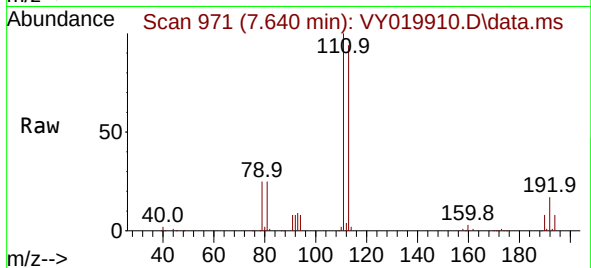
Tgt Ion: 114 Resp: 517832
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.0
88 15.9 0.0 27.2



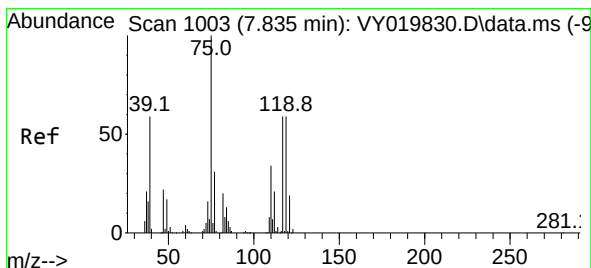
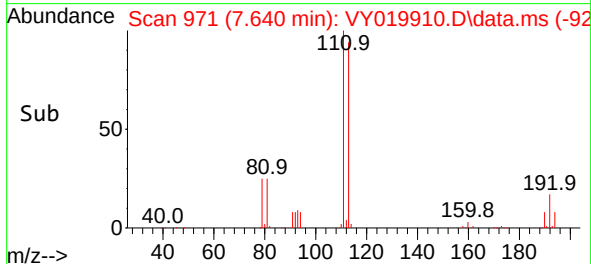
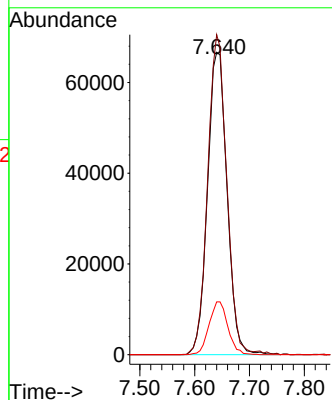


#35
Dibromofluoromethane
Concen: 48.281 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Instrument :
MSVOA_Y
ClientSampleId :

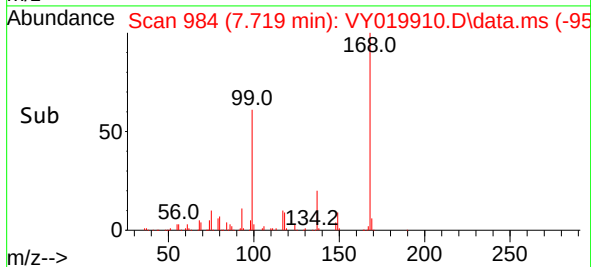
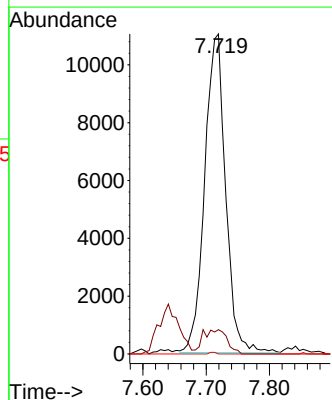
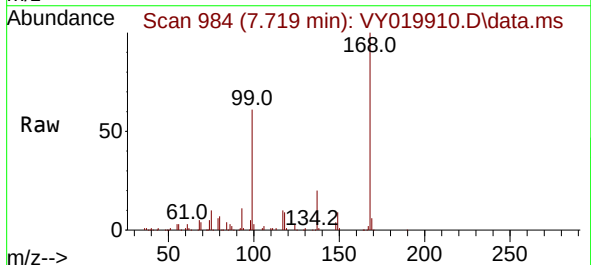


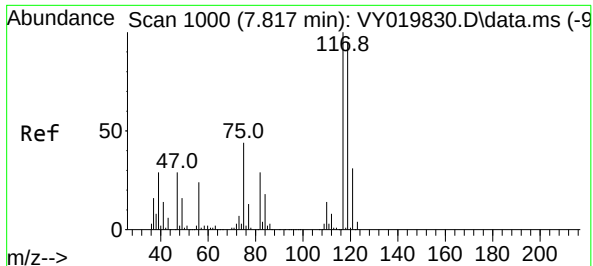
Tgt Ion:113 Resp: 164981
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.116 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

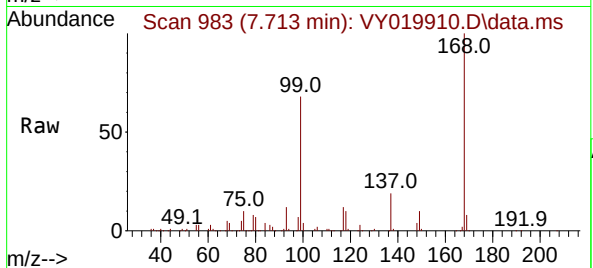
Tgt Ion: 75 Resp: 25376
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.2 25.3 37.9#



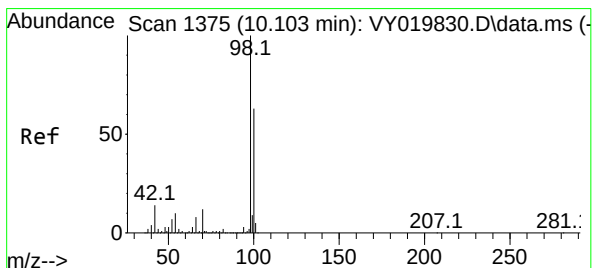
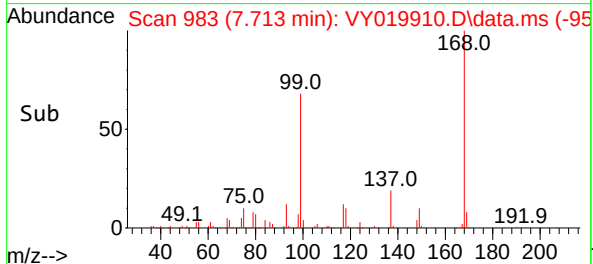
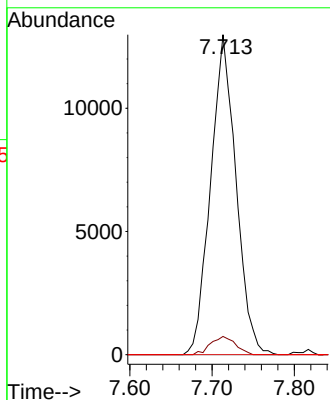


#38
Carbon Tetrachloride
Concen: 5.285 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Instrument :
MSVOA_Y
ClientSampleId :

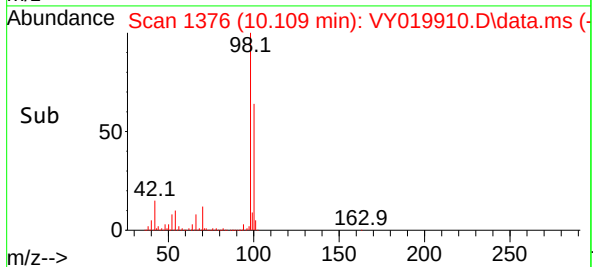
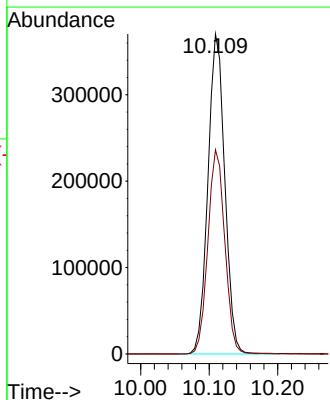
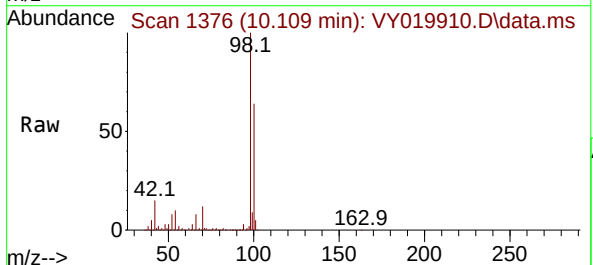


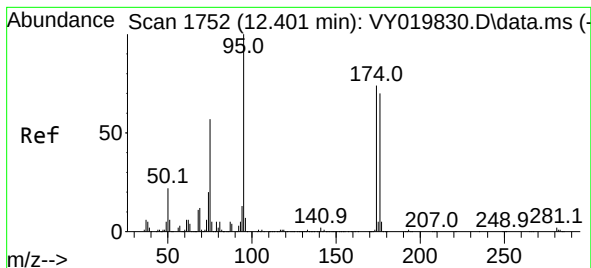
Tgt Ion:117 Resp: 27893
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.121 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Tgt Ion: 98 Resp: 632469
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

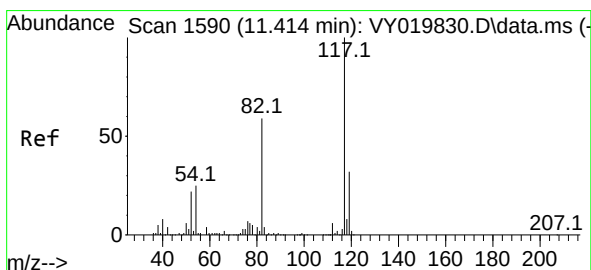
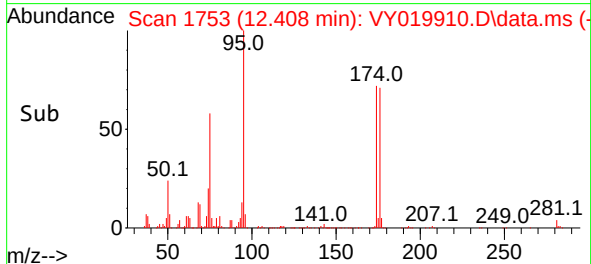
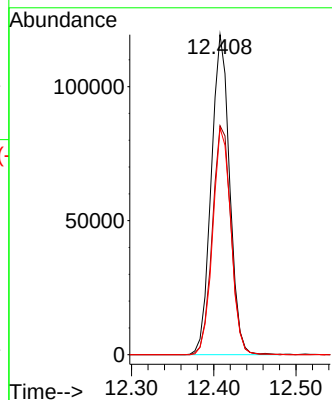
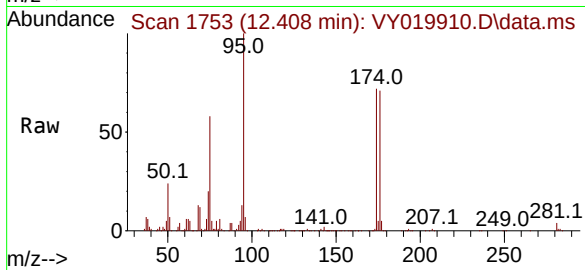




#62
4-Bromofluorobenzene
Concen: 40.684 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

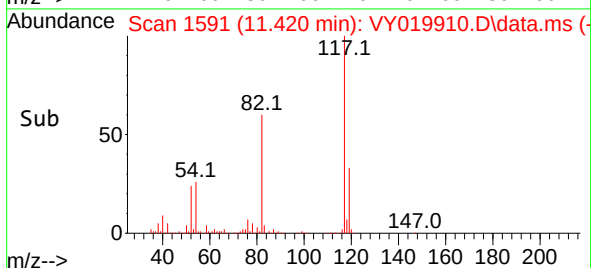
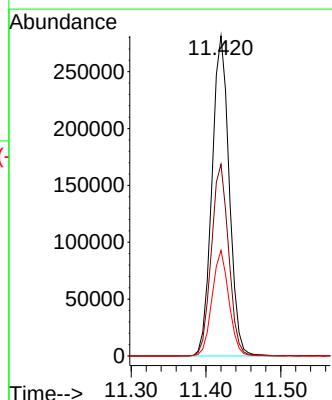
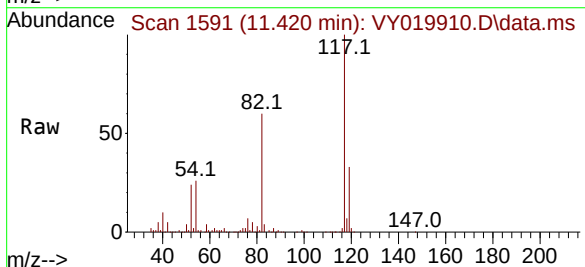
Instrument :
MSVOA_Y
ClientSampleId :

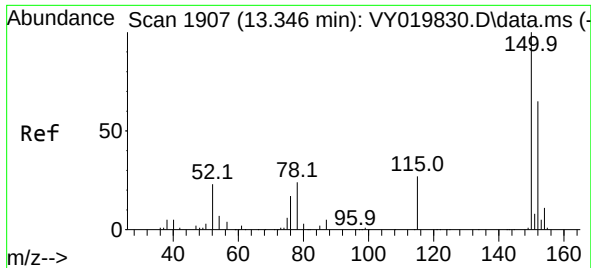
Tgt Ion: 95 Resp: 185503
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 70.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019910.D
Acq: 16 Oct 2024 10:47

Tgt Ion: 117 Resp: 451411
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 33.0 25.9 38.9

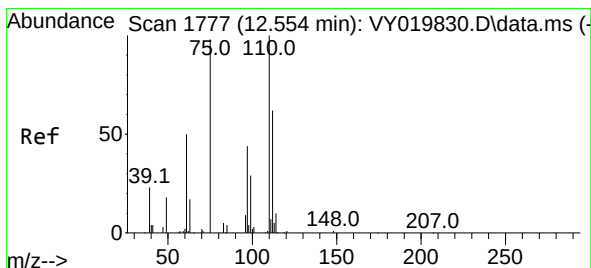
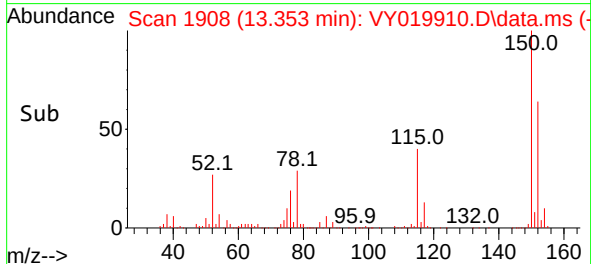
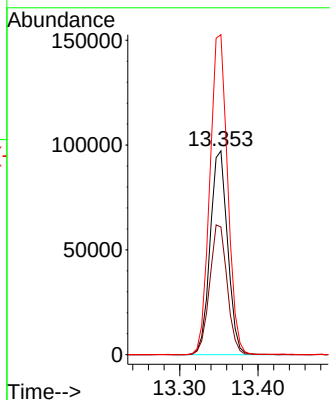
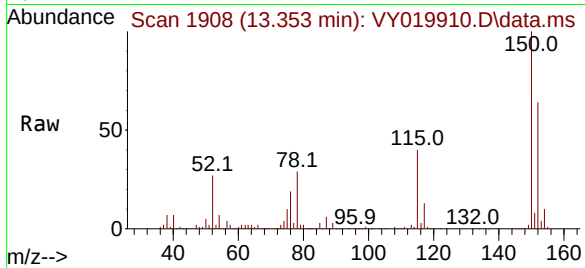




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY019910.D
 Acq: 16 Oct 2024 10:47

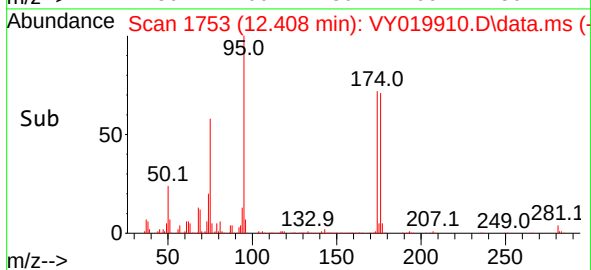
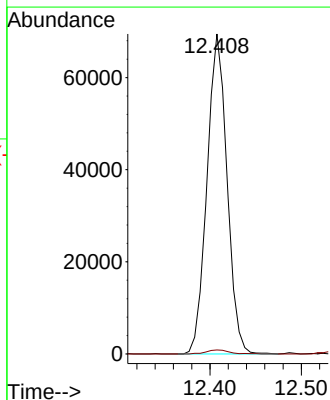
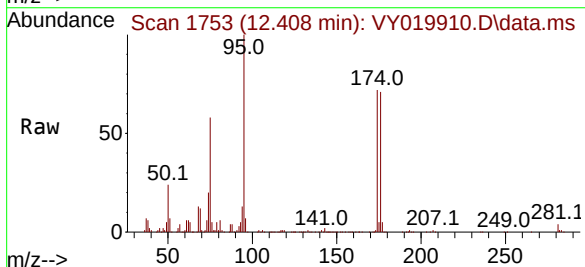
Instrument :
 MSVOA_Y
 ClientSampleId :

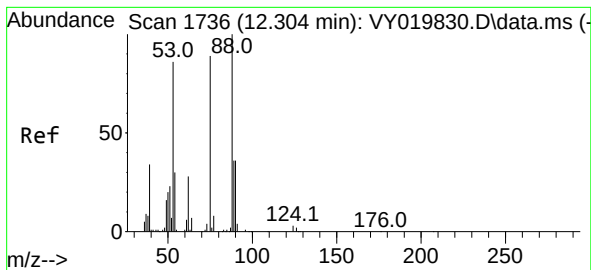
Tgt Ion:152 Resp: 150743
 Ion Ratio Lower Upper
 152 100
 115 63.9 28.2 84.7
 150 159.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 35.763 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019910.D
 Acq: 16 Oct 2024 10:47

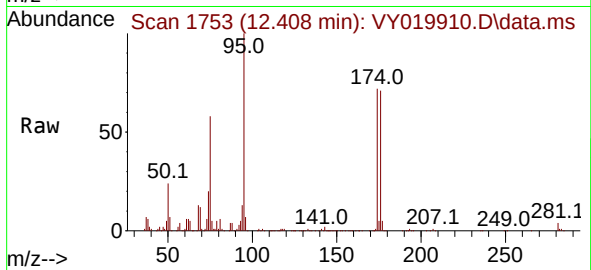
Tgt Ion: 75 Resp: 105610
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.354 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019910.D
 Acq: 16 Oct 2024 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 105610
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

