

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019931.D
 Acq On : 17 Oct 2024 14:51
 Operator : SY/MD
 Sample : P4406-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:42:07 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)

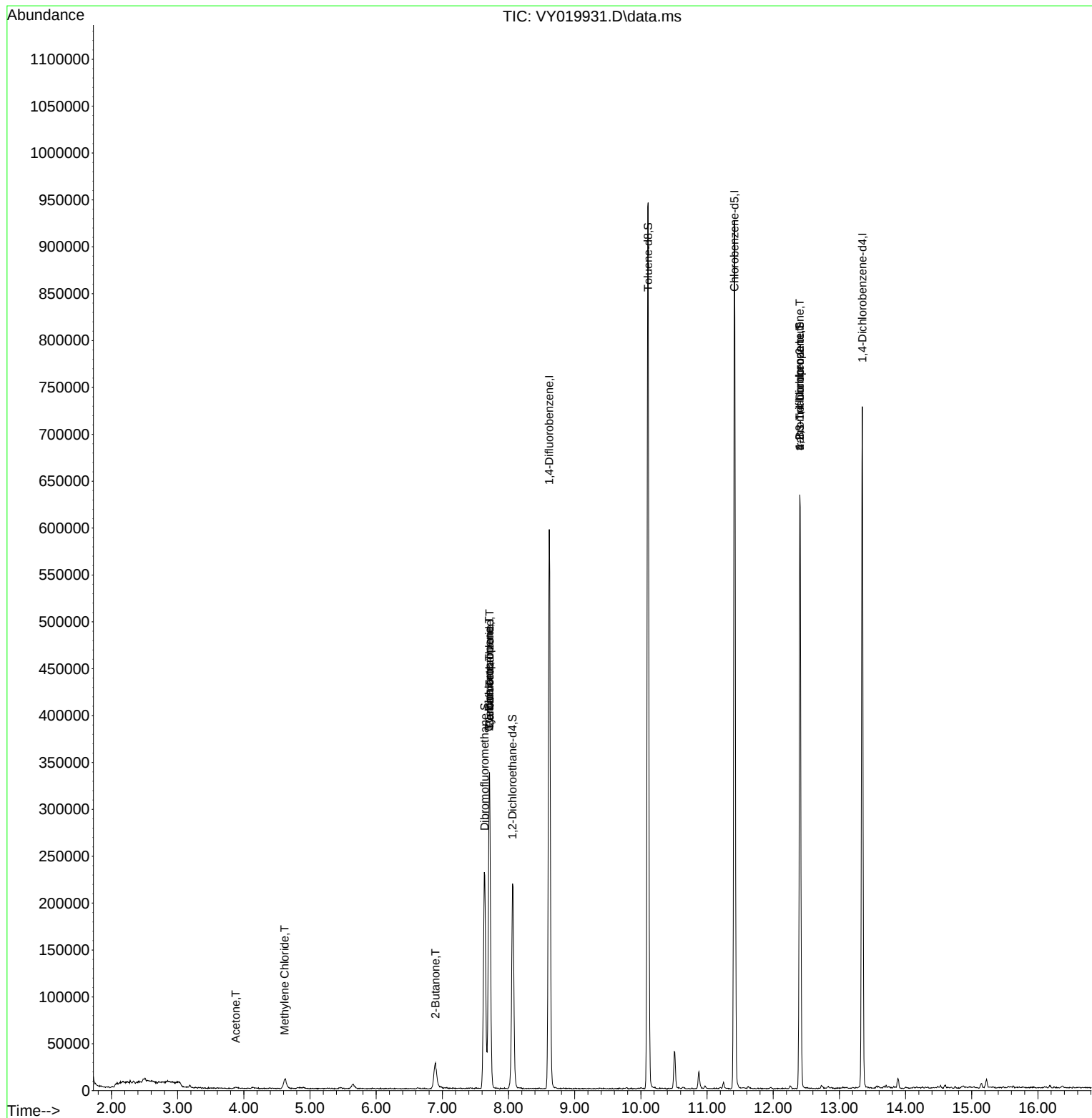
Internal Standards						
1) Pentafluorobenzene	7.713	168	233662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	476426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	442235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	168244	58.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.640	113	160947	51.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.109	98	593085	51.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.401	95	186609	44.483	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	333	Below Cal	#	88
16) Acetone	3.879	43	2318	3.095	ug/l #	77
20) Methylene Chloride	4.616	84	6483	1.562	ug/l #	75
25) 2-Butanone	6.896	43	2048	2.043	ug/l #	41
31) Cyclohexane	7.707	56	7050	1.467	ug/l #	42
36) 1,1-Dichloropropene	7.707	75	22725	5.017	ug/l #	49
38) Carbon Tetrachloride	7.713	117	27091	5.579	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	109195	34.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	109195	137.748	ug/l #	16

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

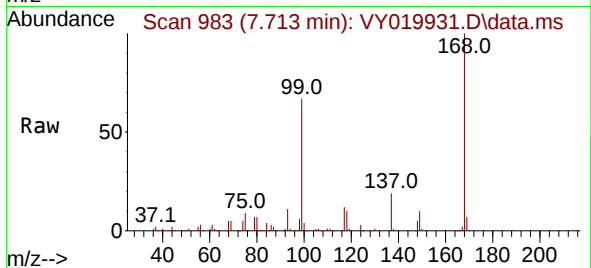
Quant Time: Oct 18 01:42:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration



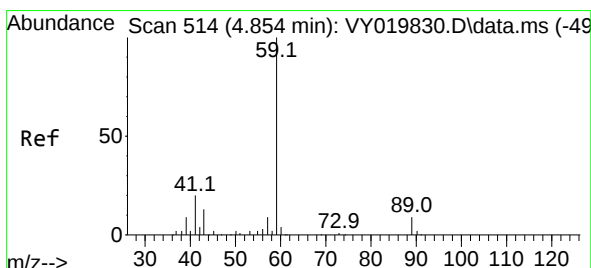
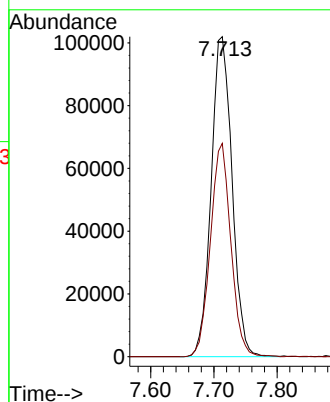
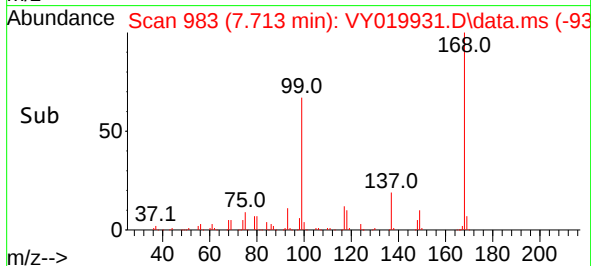


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

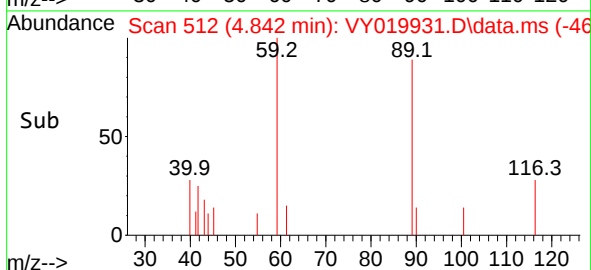
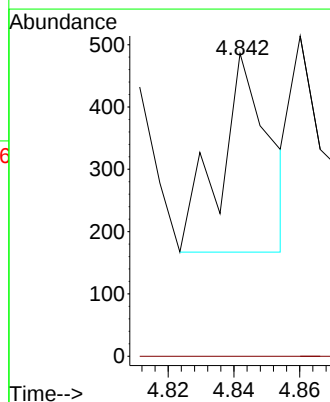
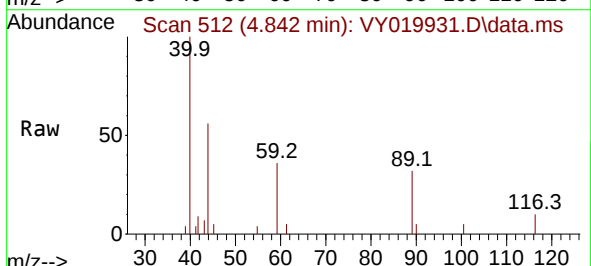


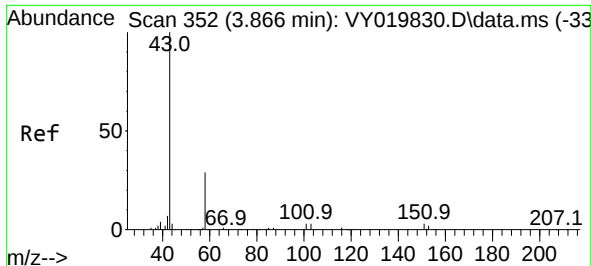
Tgt Ion:168 Resp: 233662
Ion Ratio Lower Upper
168 100
99 66.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

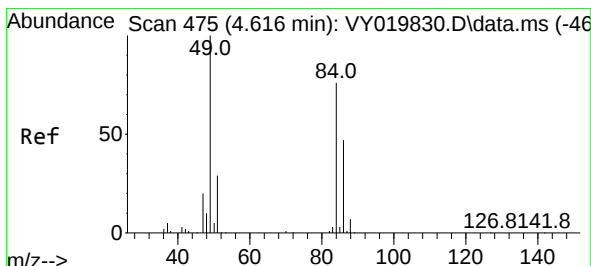
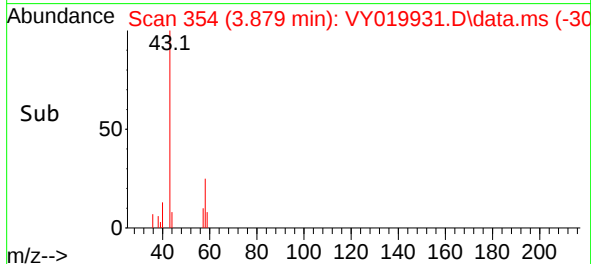
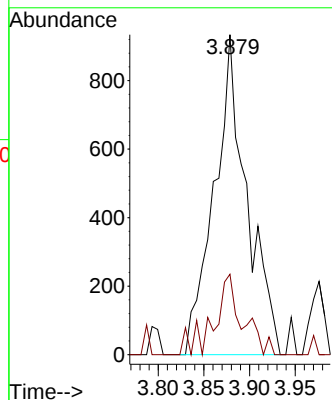
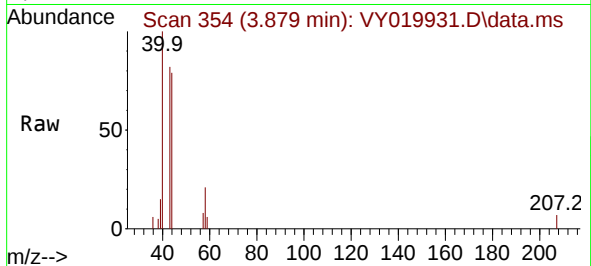




#16
Acetone
Concen: 3.095 ug/l
RT: 3.879 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

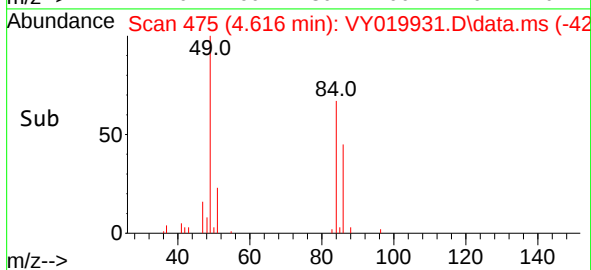
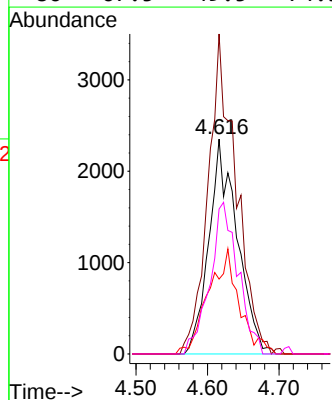
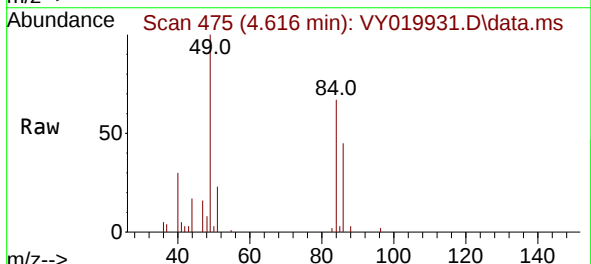
Instrument :
MSVOA_Y
ClientSampleId :

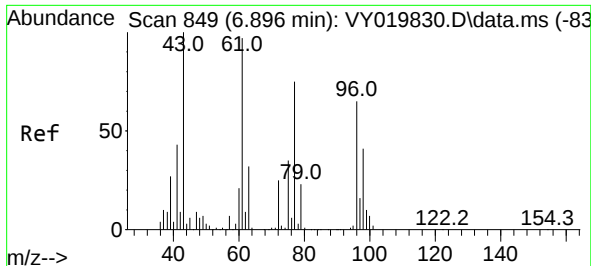
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 25.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.562 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

Tgt Ion: 84 Resp: 6483
Ion Ratio Lower Upper
84 100
49 148.9 84.4 126.6#
51 34.9 26.0 39.0
86 67.5 49.5 74.3

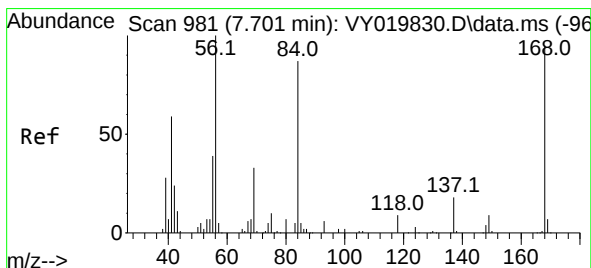
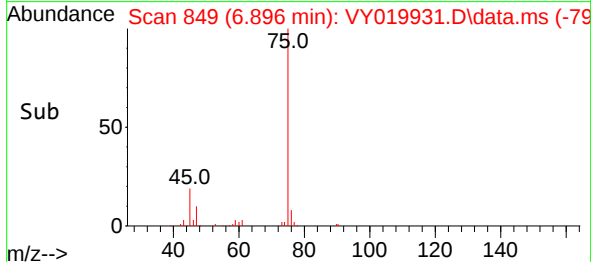
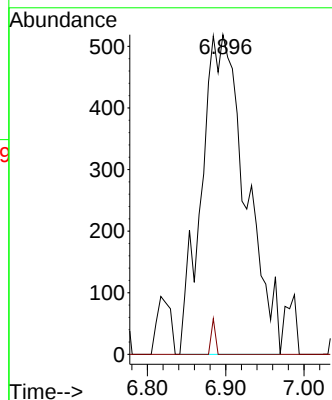
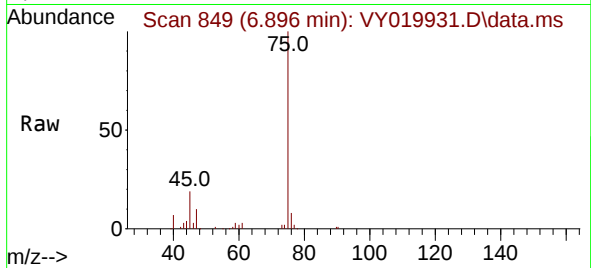




#25
2-Butanone
Concen: 2.043 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

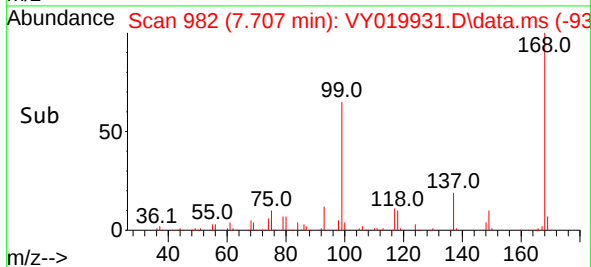
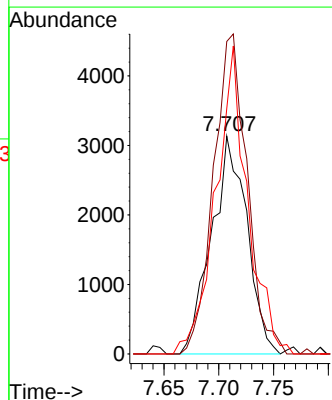
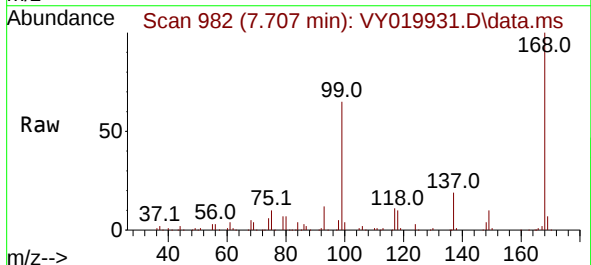
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

Tgt Ion: 56 Resp: 7050
Ion Ratio Lower Upper
56 100
69 143.5 28.7 43.1#
84 108.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.478 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019931.D

Acq: 17 Oct 2024 14:51

Instrument :

MSVOA_Y

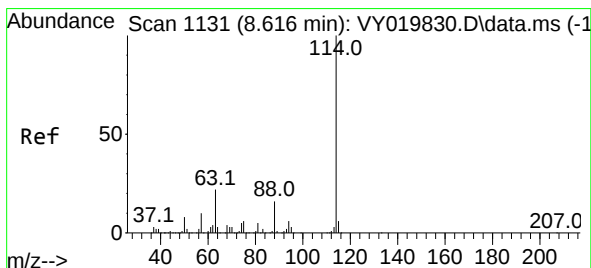
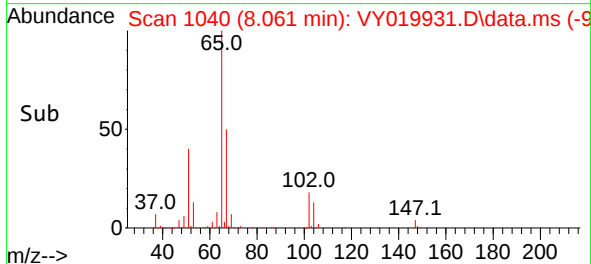
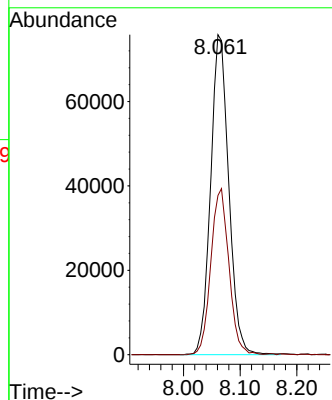
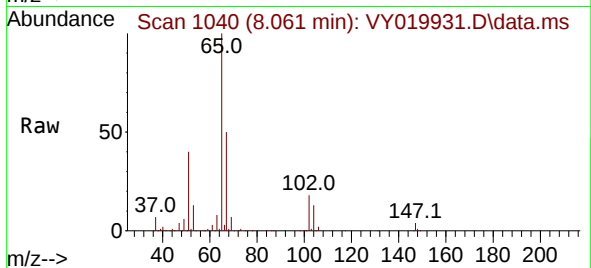
ClientSampleId :

Tgt Ion: 65 Resp: 168244

Ion Ratio Lower Upper

65 100

67 51.7 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: VY019931.D

Acq: 17 Oct 2024 14:51

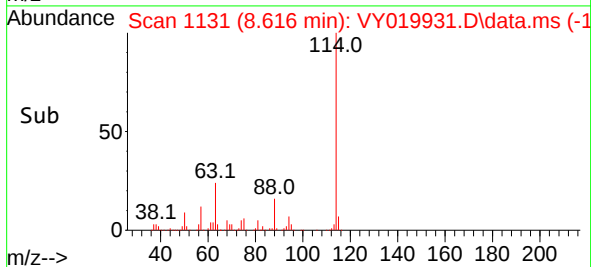
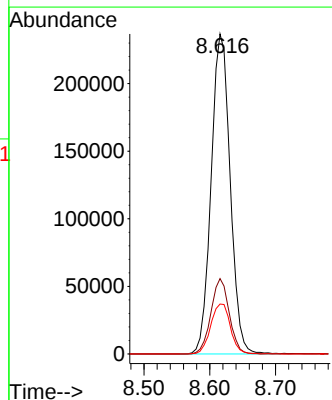
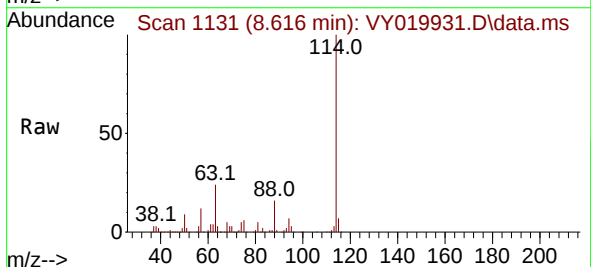
Tgt Ion: 114 Resp: 476426

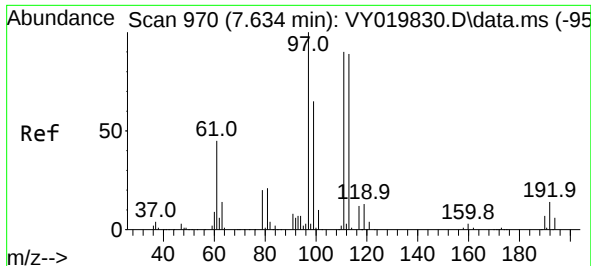
Ion Ratio Lower Upper

114 100

63 23.6 0.0 35.0

88 15.6 0.0 27.2

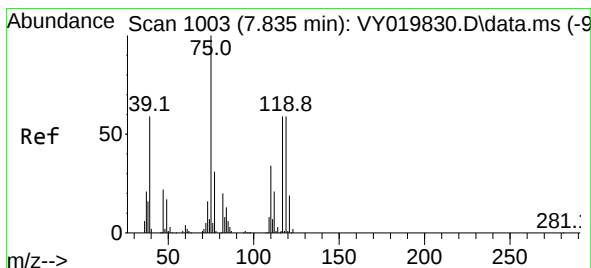
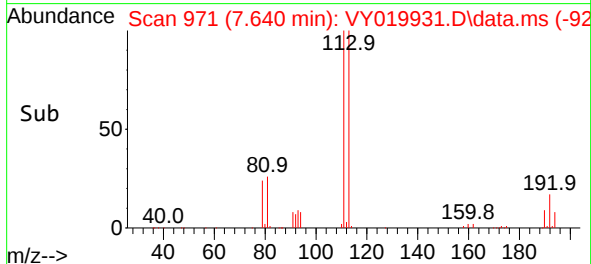
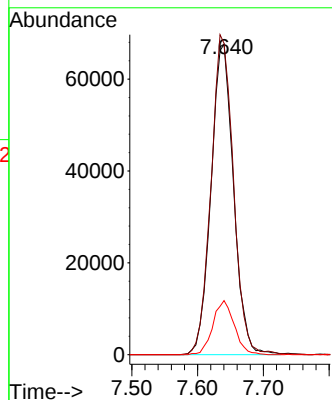
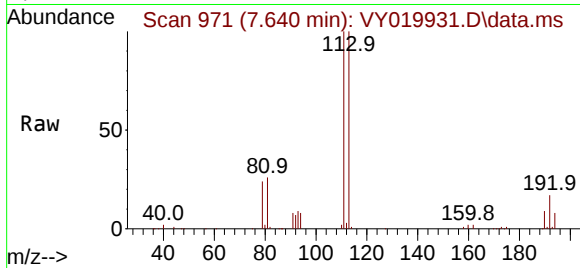




#35
Dibromofluoromethane
Concen: 51.194 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

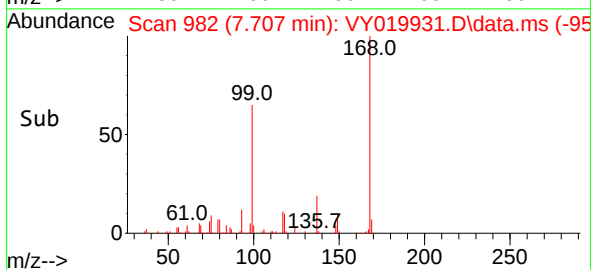
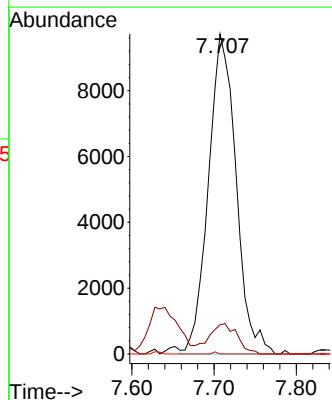
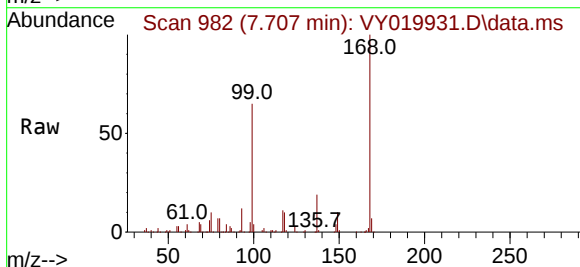
Instrument :
MSVOA_Y
ClientSampleId :

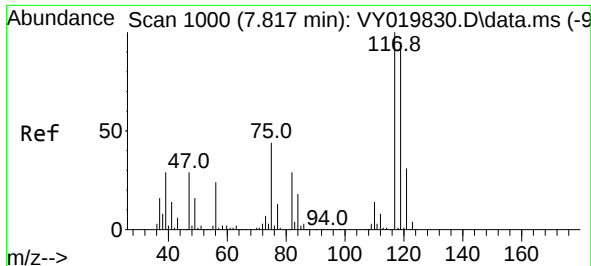
Tgt Ion:113 Resp: 160947
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

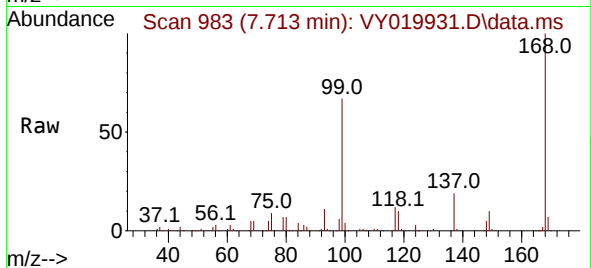
Tgt Ion: 75 Resp: 22725
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.1 25.3 37.9#



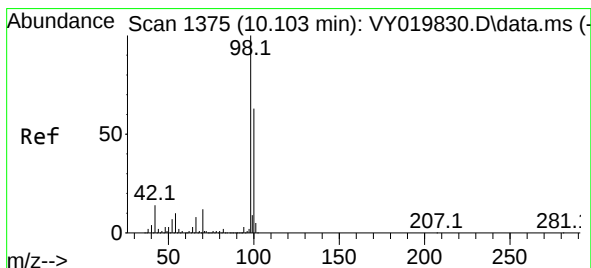
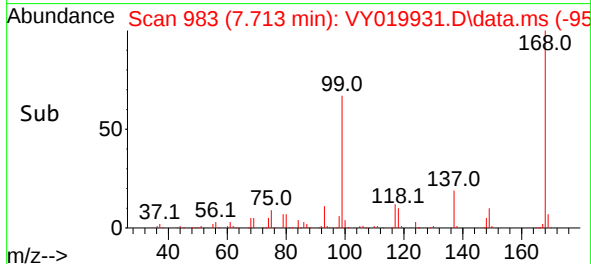
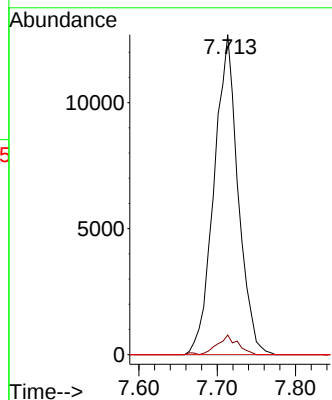


#38
Carbon Tetrachloride
Concen: 5.579 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

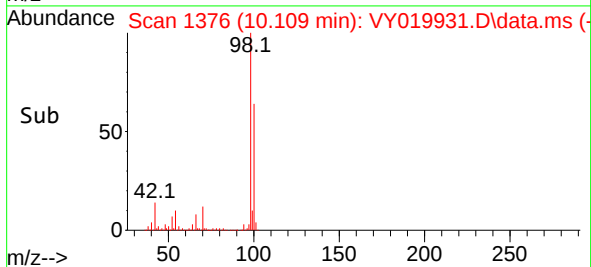
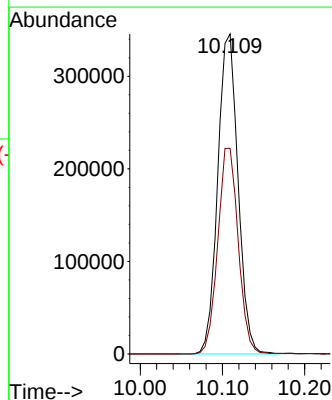
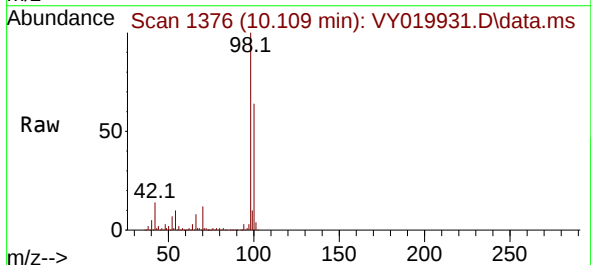


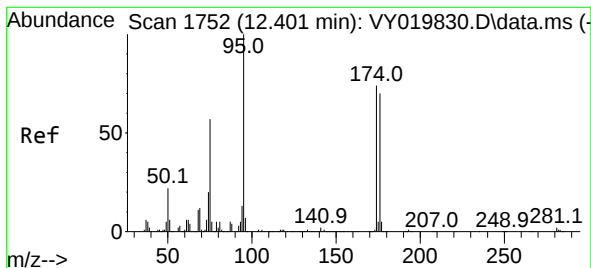
Tgt Ion:117 Resp: 27091
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.084 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

Tgt Ion: 98 Resp: 593085
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

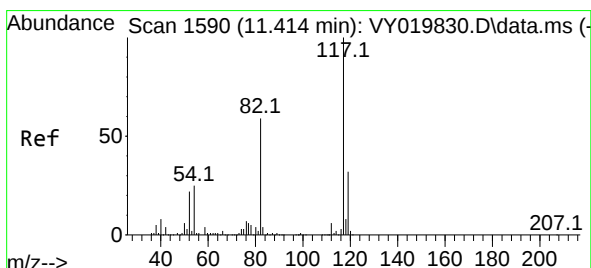
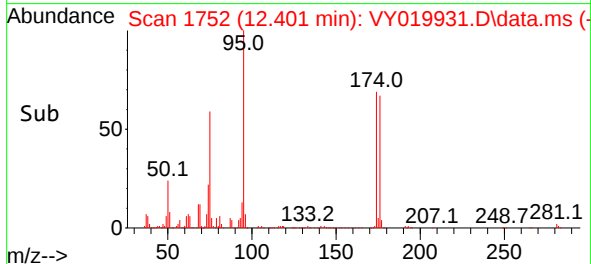
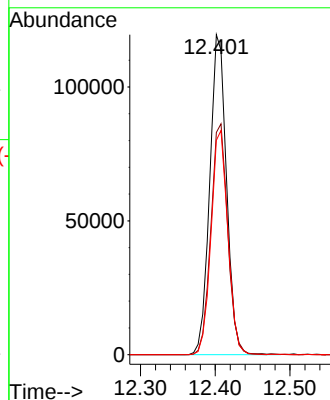
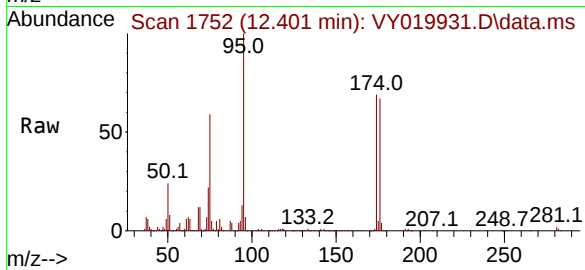




#62
4-Bromofluorobenzene
Concen: 44.483 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

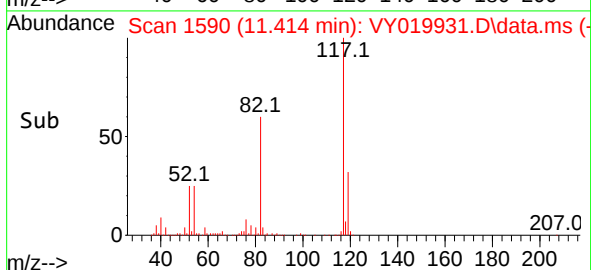
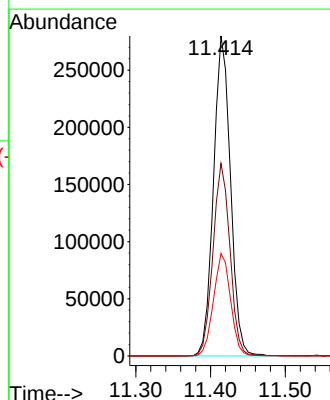
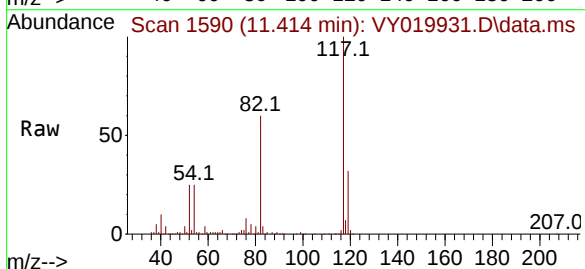
Instrument :
MSVOA_Y
ClientSampleId :

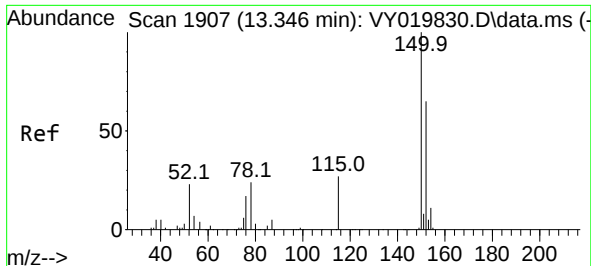
Tgt Ion: 95 Resp: 186609
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 70.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019931.D
Acq: 17 Oct 2024 14:51

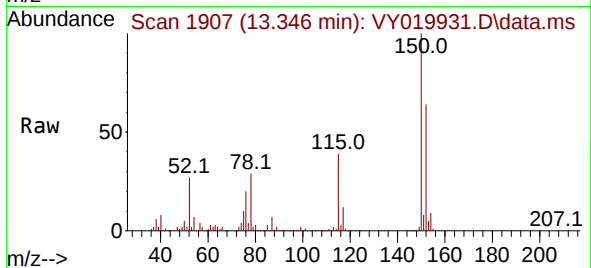
Tgt Ion: 117 Resp: 442235
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.0 25.9 38.9



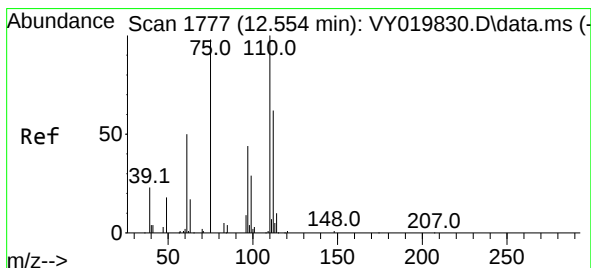
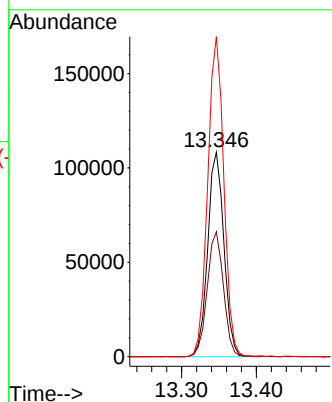
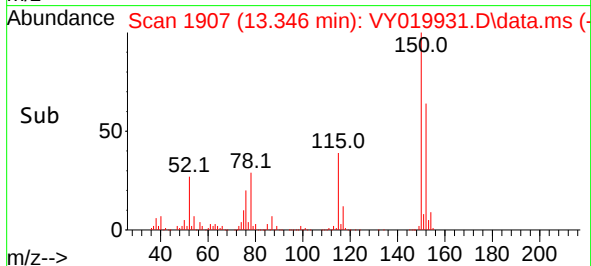


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019931.D
 Acq: 17 Oct 2024 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :

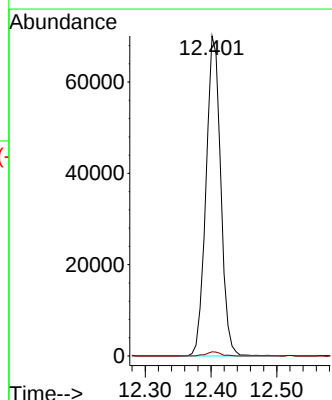
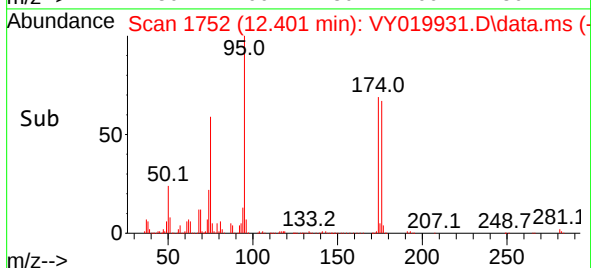
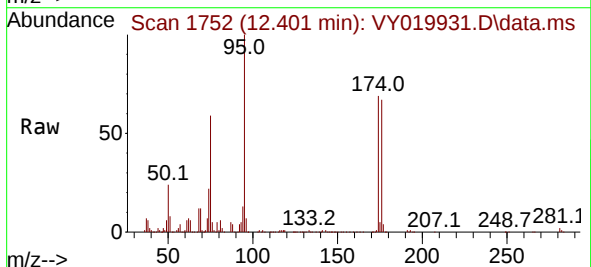


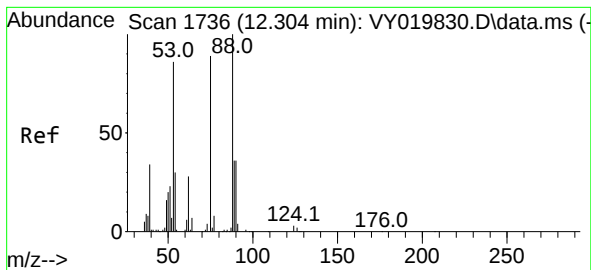
Tgt Ion:152 Resp: 163334
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.2 84.7
 150 155.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 34.127 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019931.D
 Acq: 17 Oct 2024 14:51

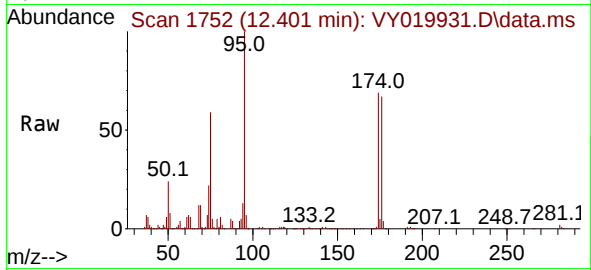
Tgt Ion: 75 Resp: 109195
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.748 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019931.D
 Acq: 17 Oct 2024 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 109195
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.2 35.8 53.6#

