

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019926.D
 Acq On : 17 Oct 2024 12:54
 Operator : SY/MD
 Sample : P4425-09
 Misc : 412g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:40:08 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)

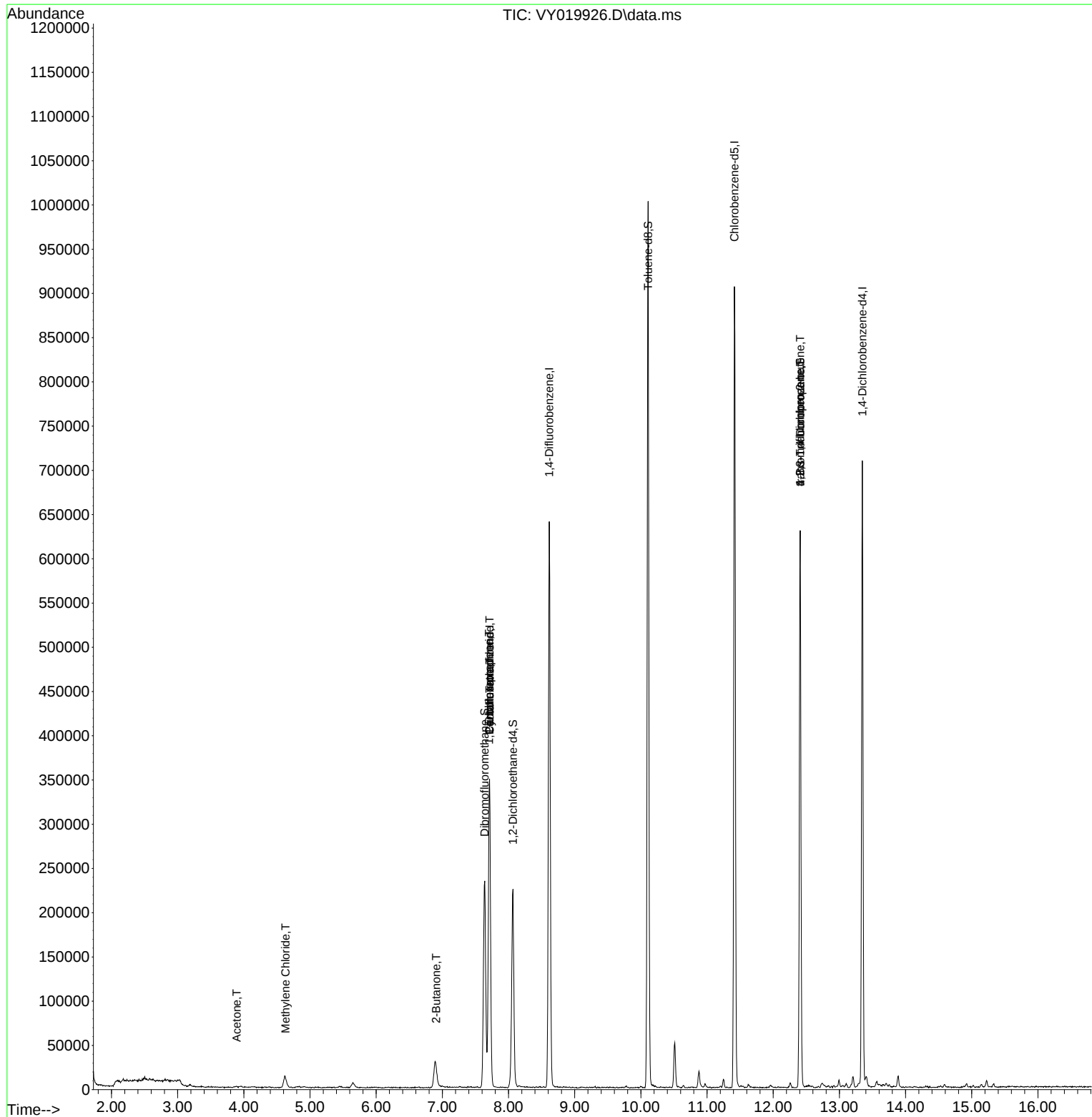
Internal Standards						
1) Pentafluorobenzene	7.713	168	245866	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	504392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	447457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	156374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163959	54.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.320%	
35) Dibromofluoromethane	7.640	113	163610	49.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.320%	
50) Toluene-d8	10.109	98	619449	50.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.408	95	183381	41.290	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	1222	Below Cal	#	88
16) Acetone	3.891	43	2259	2.867	ug/l	92
20) Methylene Chloride	4.629	84	8392	2.110	ug/l	88
25) 2-Butanone	6.909	43	2325	2.204	ug/l	# 41
31) Cyclohexane	7.713	56	7361	1.455	ug/l	# 45
36) 1,1-Dichloropropene	7.707	75	24366	5.081	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	28325	5.510	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	108918	35.555	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	108918	143.514	ug/l	# 16

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

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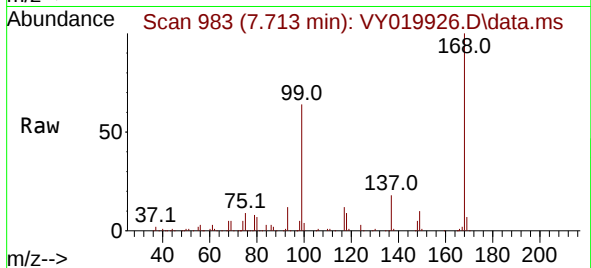
Quant Time: Oct 18 01:40:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
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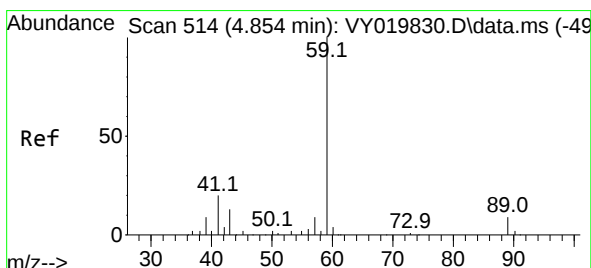
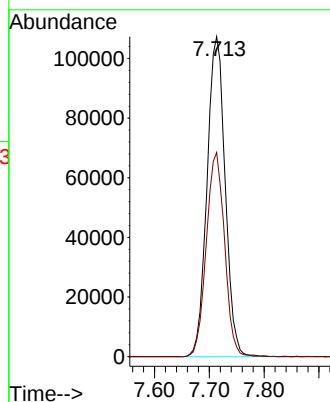
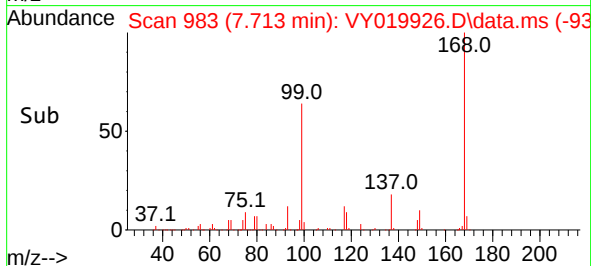


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Instrument :
MSVOA_Y
ClientSampleId :

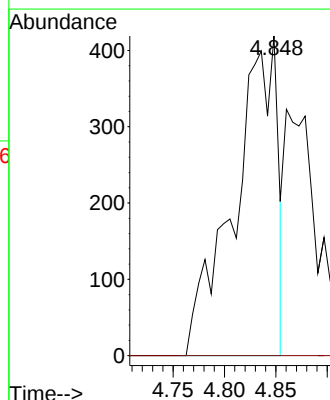
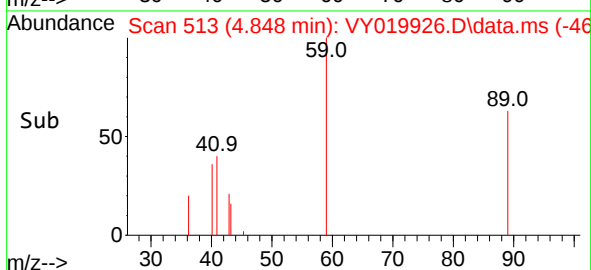
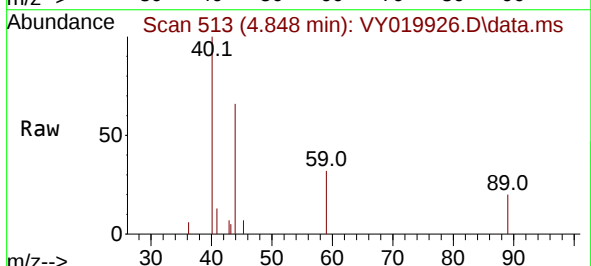


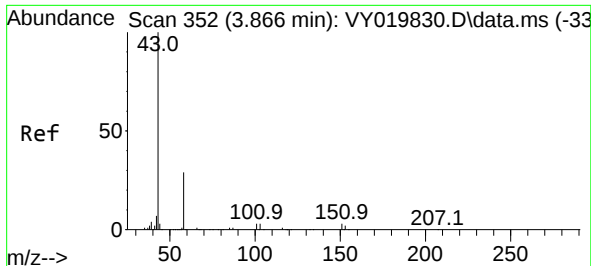
Tgt Ion:168 Resp: 245866
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion: 59 Resp: 1222
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

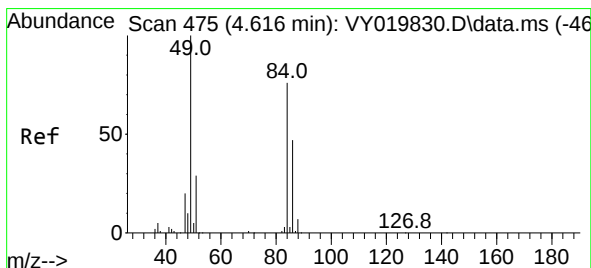
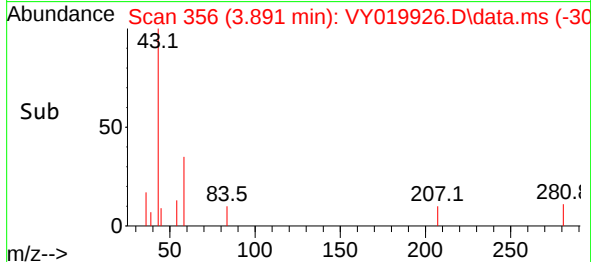
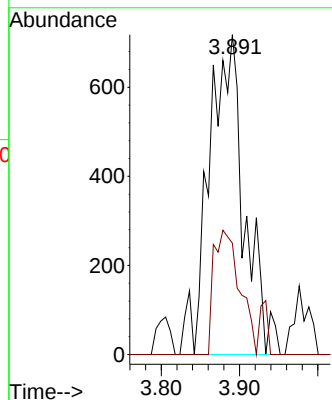
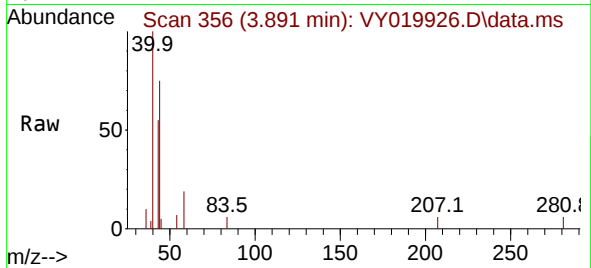




#16
Acetone
Concen: 2.867 ug/l
RT: 3.891 min Scan# 316
Delta R.T. 0.019 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

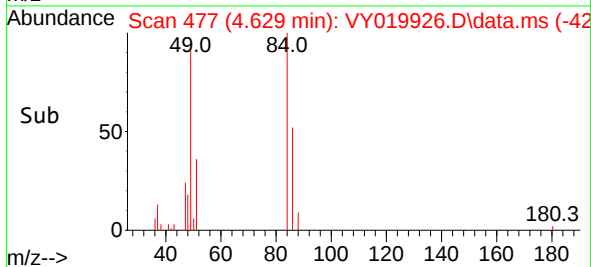
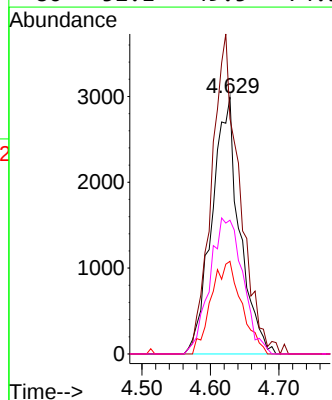
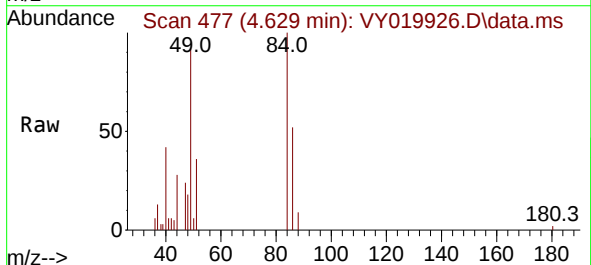
Instrument :
MSVOA_Y
ClientSampleId :

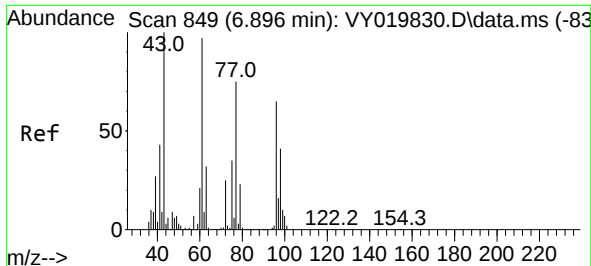
Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5



#20
Methylene Chloride
Concen: 2.110 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion: 84 Resp: 8392
Ion Ratio Lower Upper
84 100
49 91.7 84.4 126.6
51 36.1 26.0 39.0
86 52.1 49.5 74.3

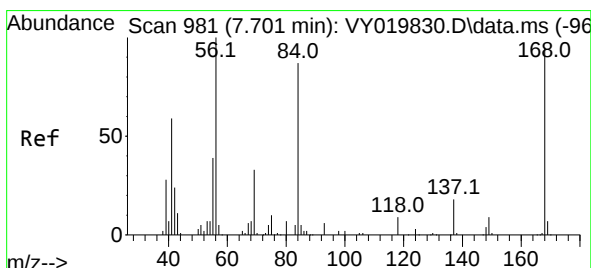
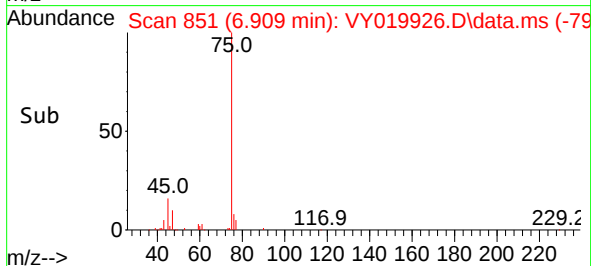
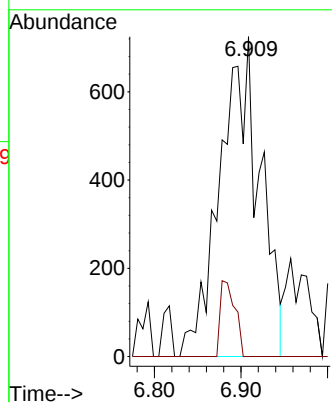
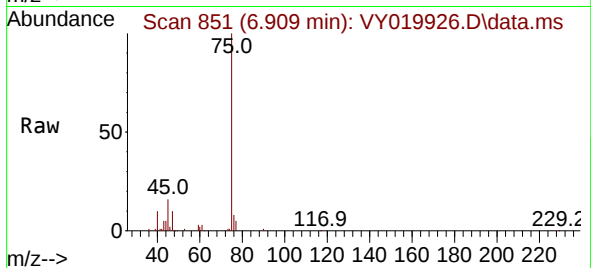




#25
2-Butanone
Concen: 2.204 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

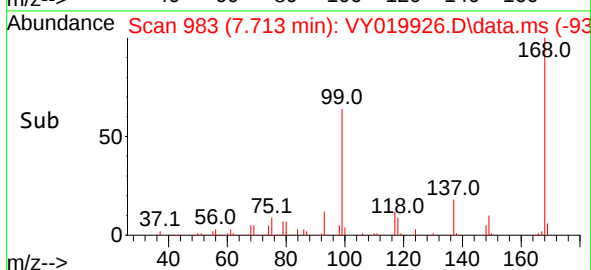
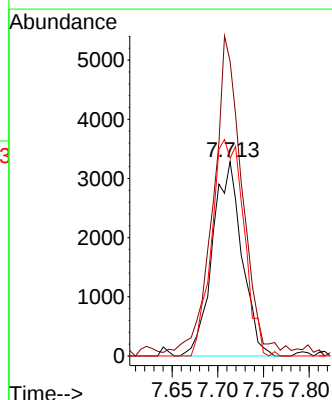
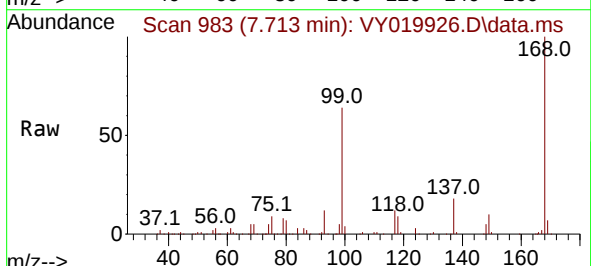
Instrument :
MSVOA_Y
ClientSampleId :

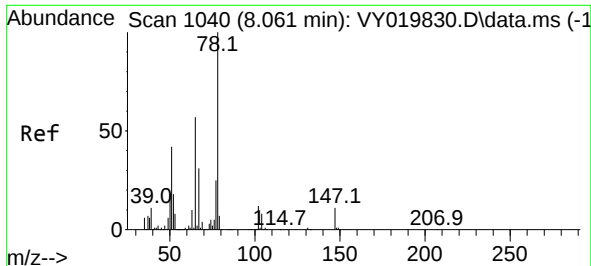
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.455 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.013 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion: 56 Resp: 7361
Ion Ratio Lower Upper
56 100
69 148.5 28.7 43.1#
84 101.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 54.160 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY019926.D

Acq: 17 Oct 2024 12:54

Instrument :

MSVOA_Y

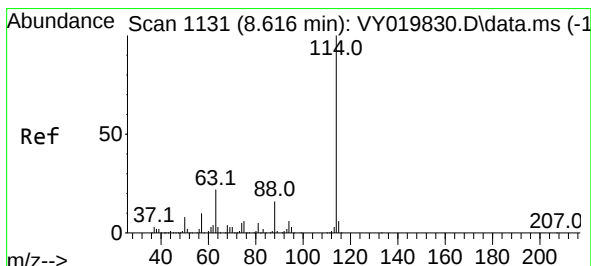
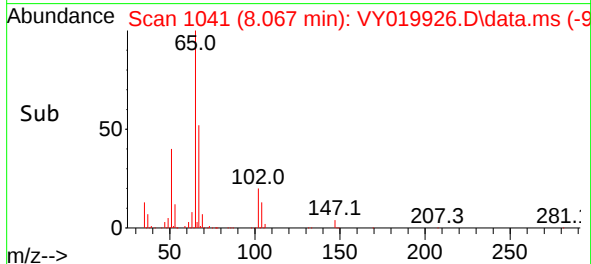
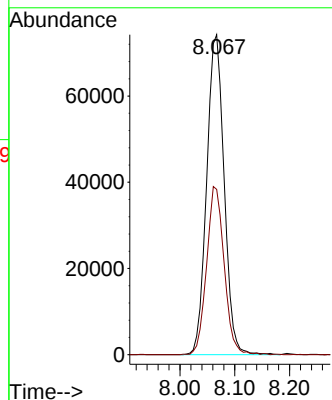
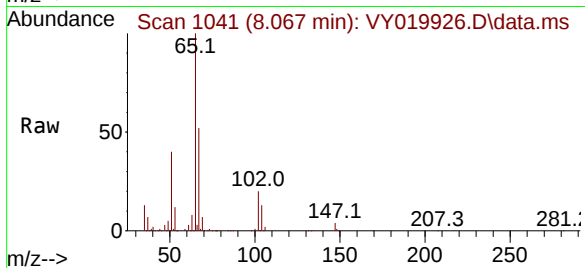
ClientSampleId :

Tgt Ion: 65 Resp: 163959

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019926.D

Acq: 17 Oct 2024 12:54

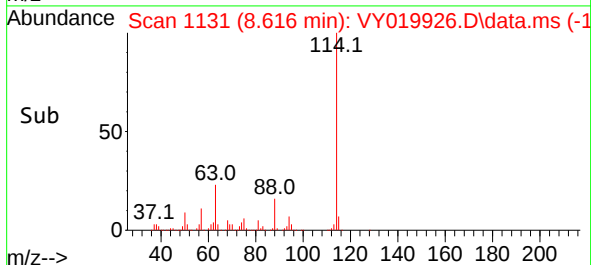
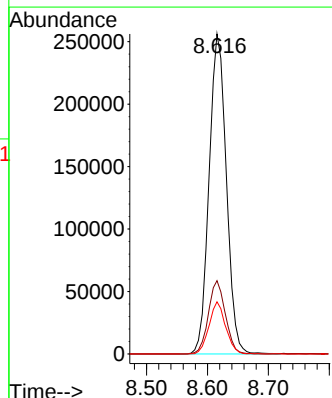
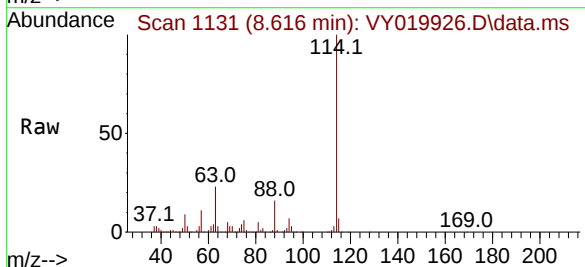
Tgt Ion: 114 Resp: 504392

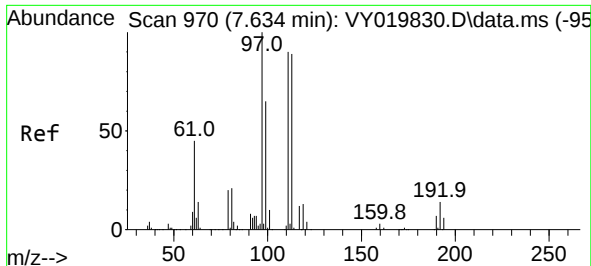
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 16.3 0.0 27.2

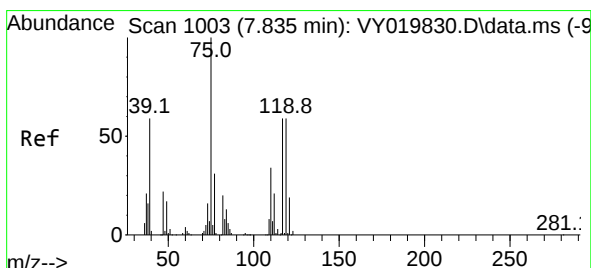
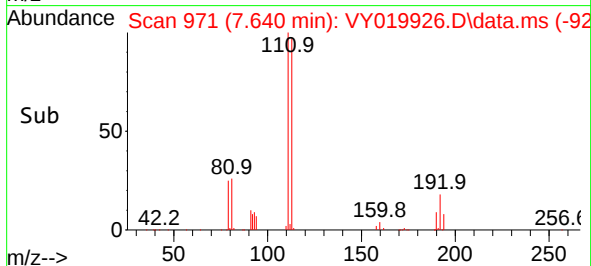
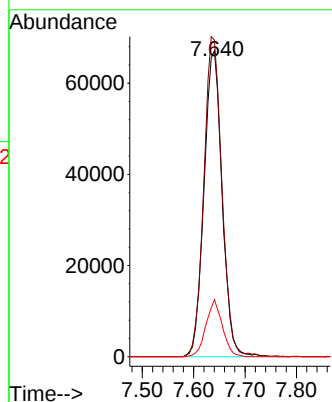
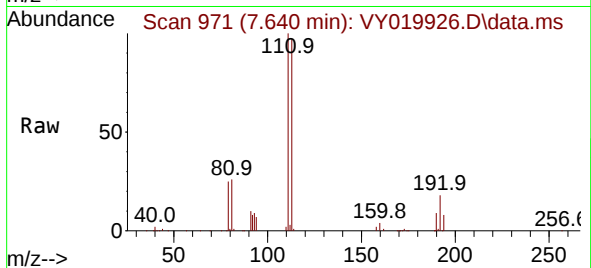




#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

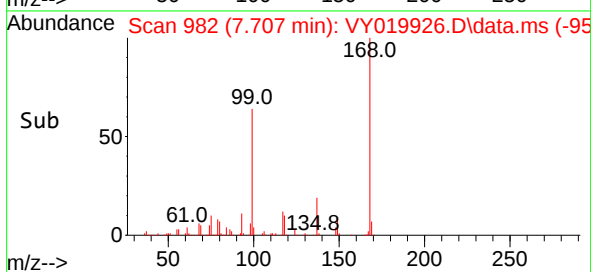
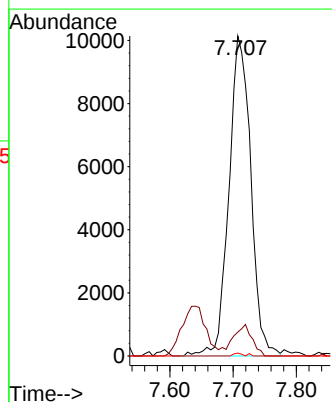
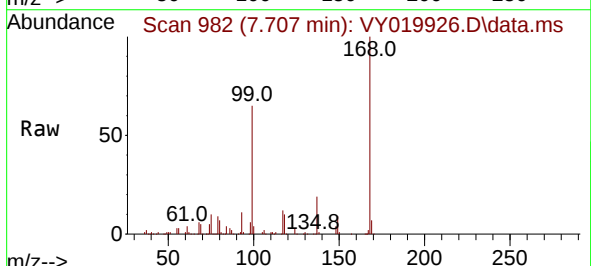
Instrument :
MSVOA_Y
ClientSampleId :

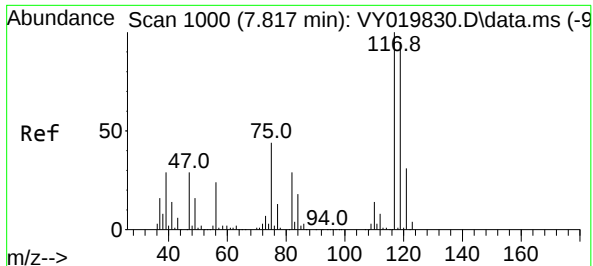
Tgt Ion:113 Resp: 163610
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

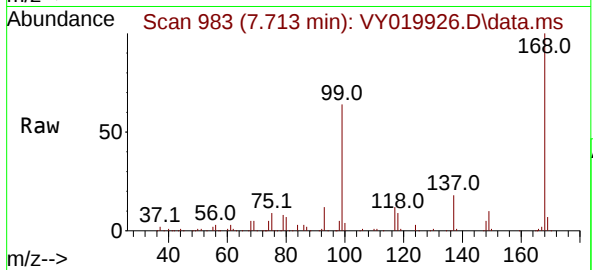
Tgt Ion: 75 Resp: 24366
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.3 25.3 37.9#



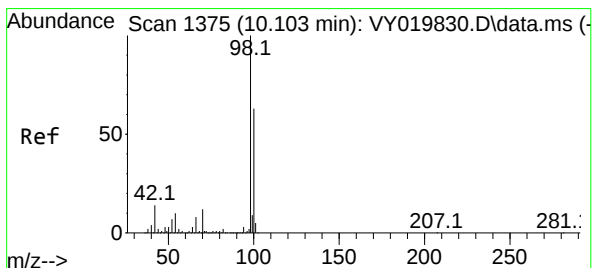
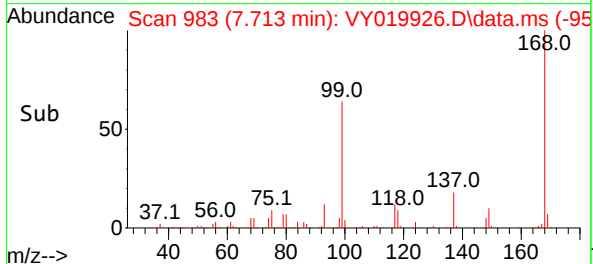
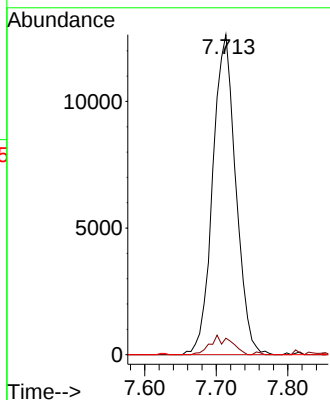


#38
Carbon Tetrachloride
Concen: 5.510 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Instrument :
MSVOA_Y
ClientSampleId :

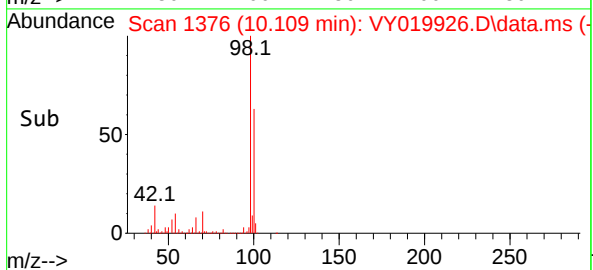
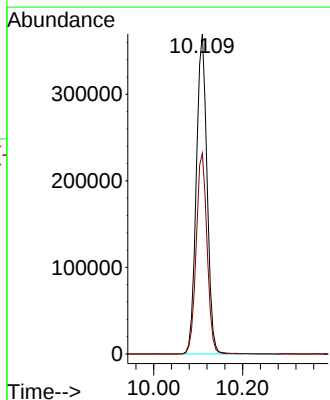
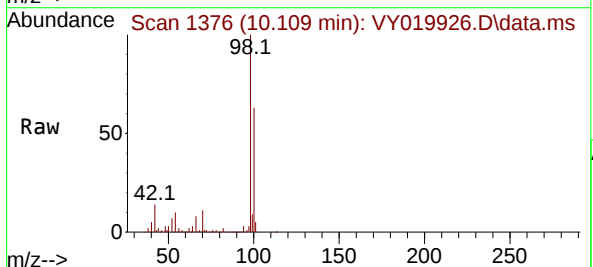


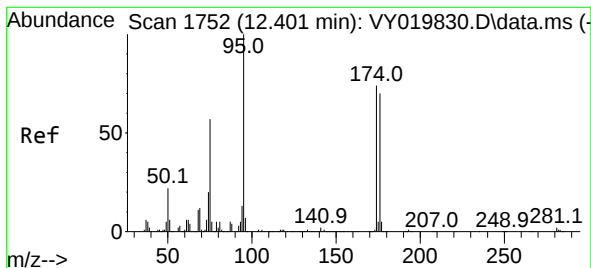
Tgt Ion:117 Resp: 28325
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Tgt Ion: 98 Resp: 619449
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

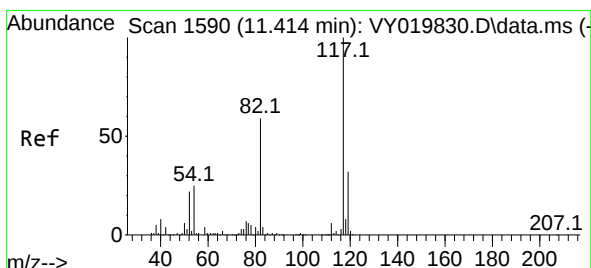
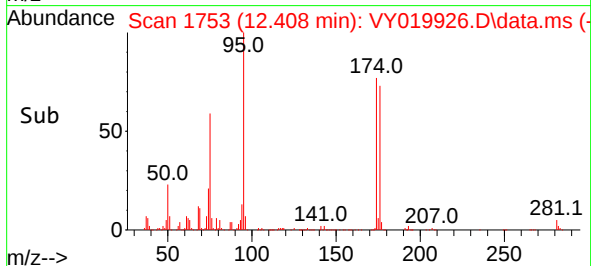
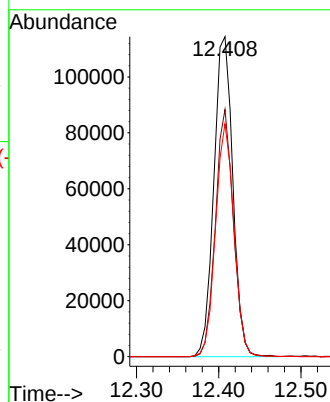
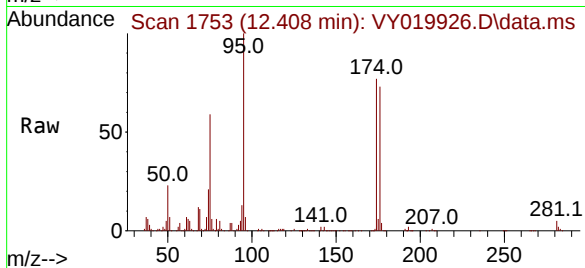




#62
4-Bromofluorobenzene
Concen: 41.290 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

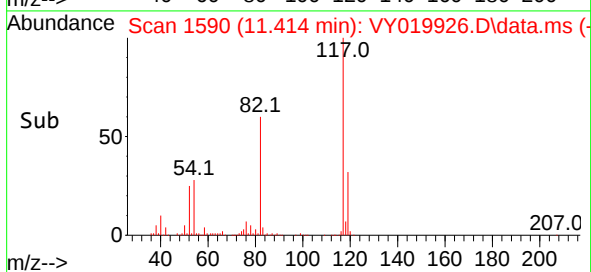
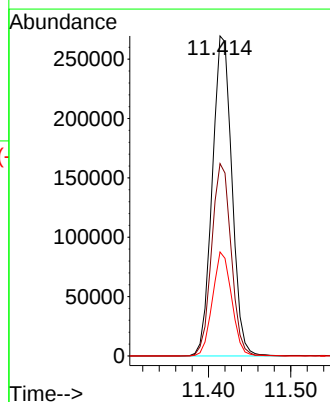
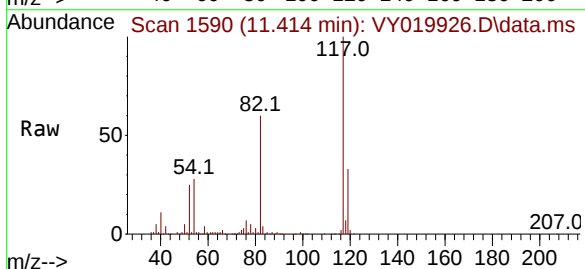
Instrument :
MSVOA_Y
ClientSampleId :

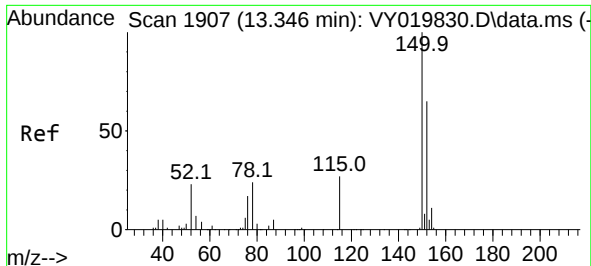
Tgt Ion: 95 Resp: 183381
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 70.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

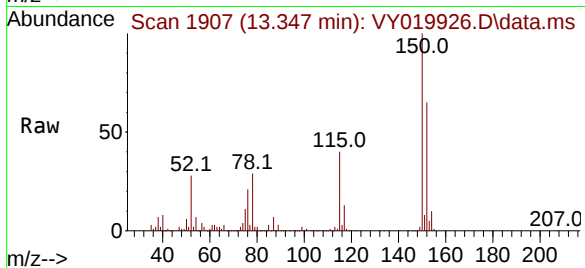
Tgt Ion: 117 Resp: 447457
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.5 25.9 38.9



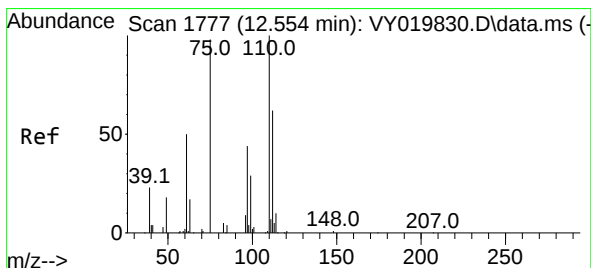
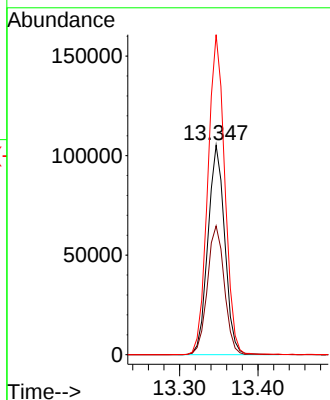
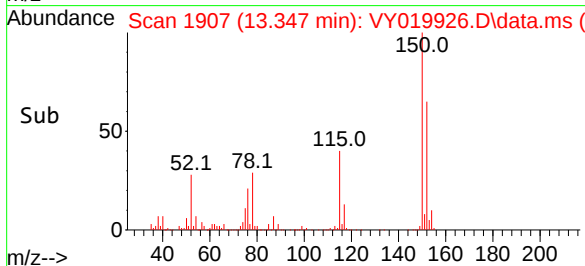


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019926.D
 Acq: 17 Oct 2024 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :

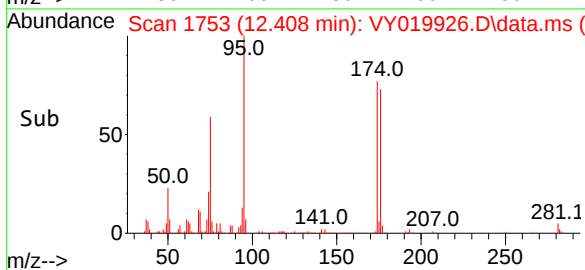
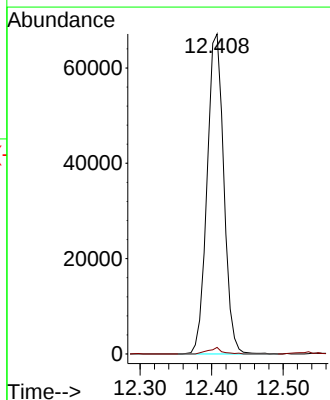
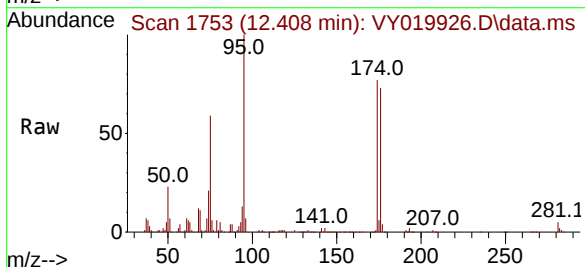


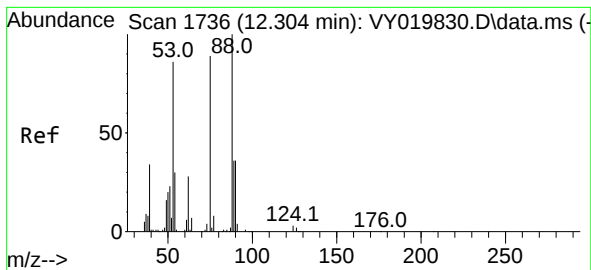
Tgt Ion:152 Resp: 156374
 Ion Ratio Lower Upper
 152 100
 115 62.3 28.2 84.7
 150 154.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 35.555 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019926.D
 Acq: 17 Oct 2024 12:54

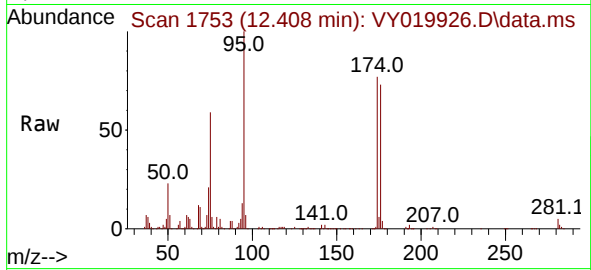
Tgt Ion: 75 Resp: 108918
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 143.514 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019926.D
Acq: 17 Oct 2024 12:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 108918
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

