

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022195.D
 Acq On : 07 May 2025 16:06
 Operator : SY/MD
 Sample : Q1972-23
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-1-VOC

Quant Time: May 08 01:43:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

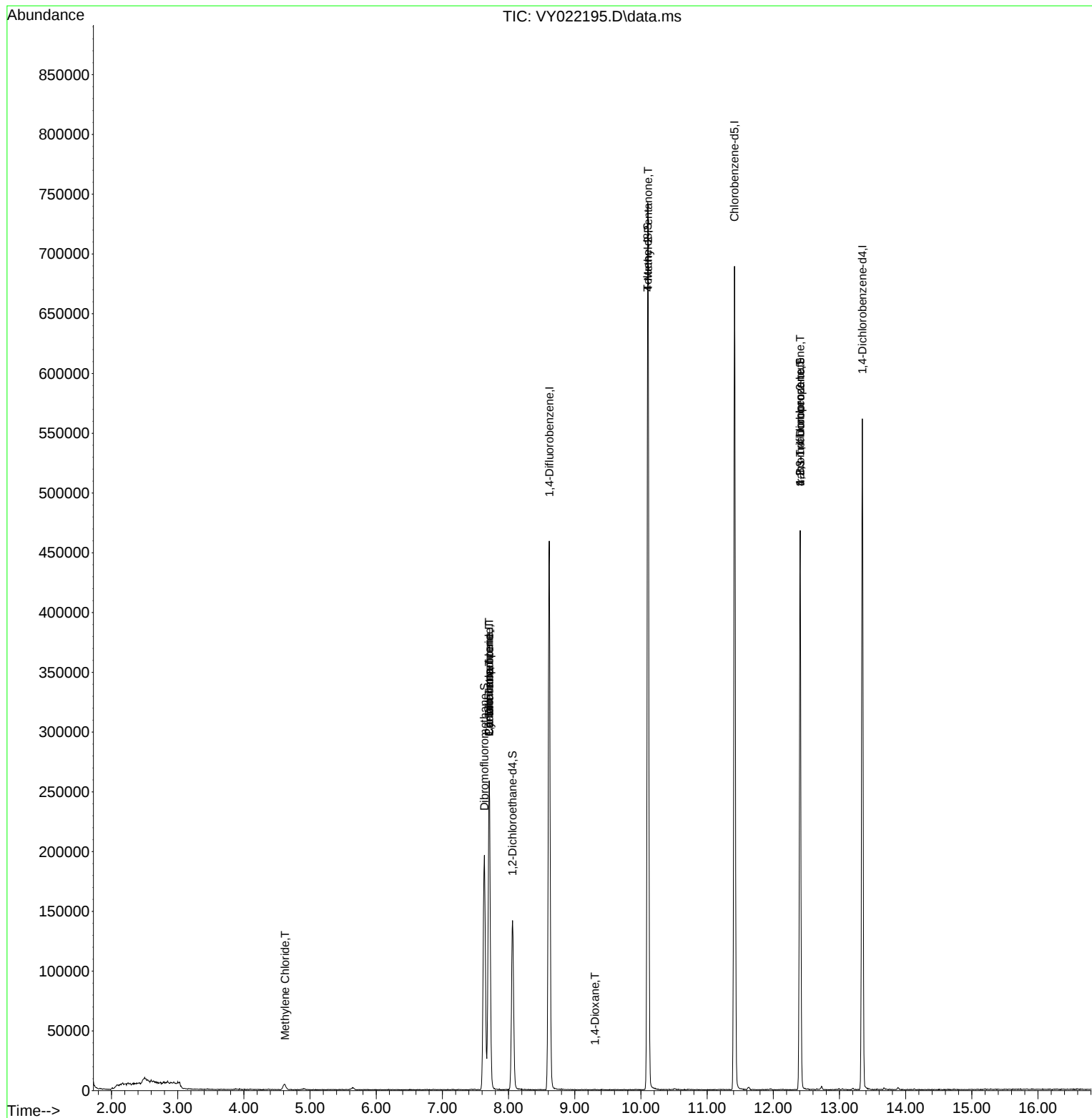
Internal Standards						
1) Pentafluorobenzene	7.707	168	196976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	397985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	370806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113107	62.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.340%
35) Dibromofluoromethane	7.634	113	137308	52.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.103	98	496304	50.069	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.407	95	141028	42.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.520%
Target Compounds						
16) Acetone	3.878	43	1014	Below Cal	#	85
20) Methylene Chloride	4.622	84	3552	1.544	ug/l #	94
31) Cyclohexane	7.707	56	4271	1.420	ug/l #	11
36) 1,1-Dichloropropene	7.707	75	15421	4.366	ug/l #	48
38) Carbon Tetrachloride	7.707	117	19902	4.716	ug/l #	18
49) 1,4-Dioxane	9.304	88	19	1.166	ug/l #	1
51) 4-Methyl-2-Pentanone	10.109	43	1788	1.400	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	70303	56.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	70303	136.758	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
Data File : VY022195.D
Acq On : 07 May 2025 16:06
Operator : SY/MD
Sample : Q1972-23
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

Quant Time: May 08 01:43:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

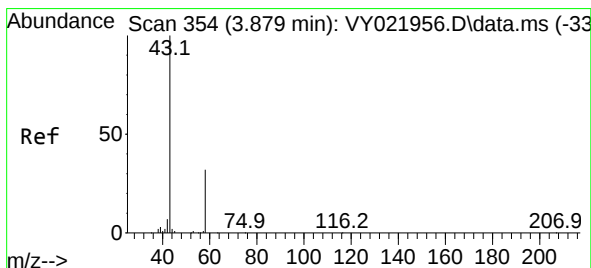
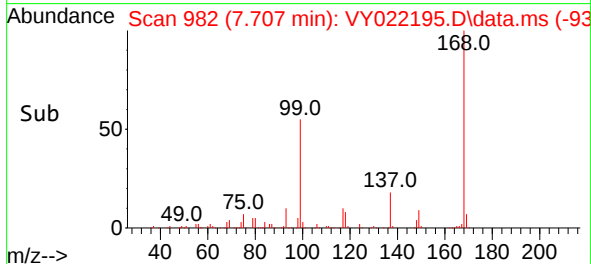
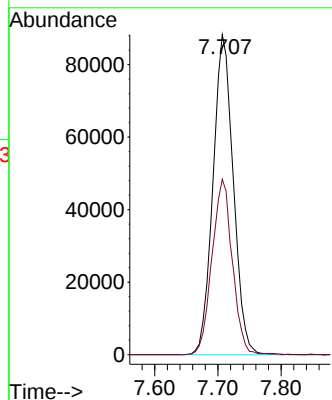
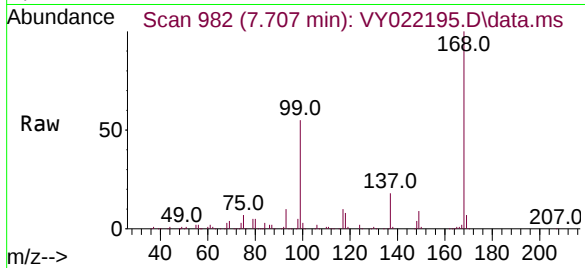




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

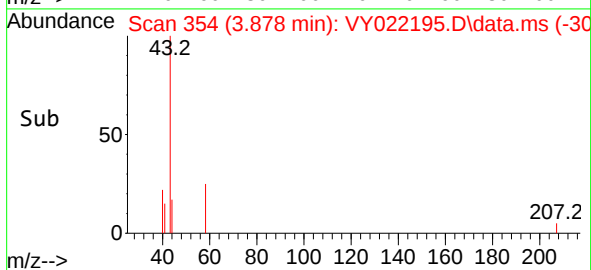
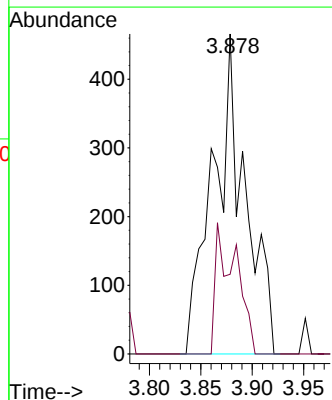
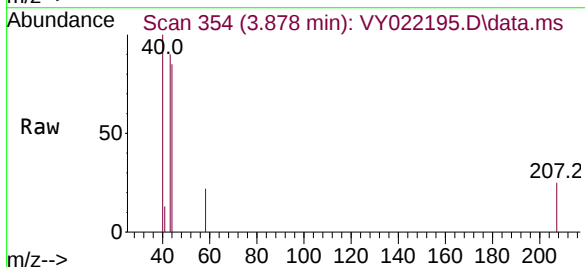
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

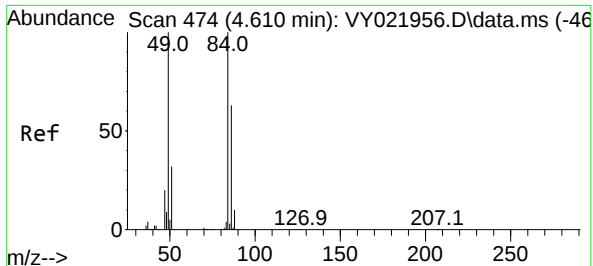
Tgt Ion:168 Resp: 196976
Ion Ratio Lower Upper
168 100
99 54.8 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.878 min Scan# 354
Delta R.T. -0.001 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 24.9 27.0 40.4#

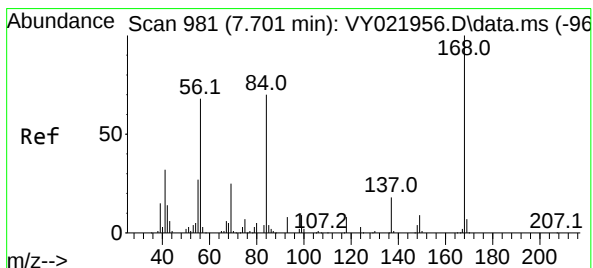
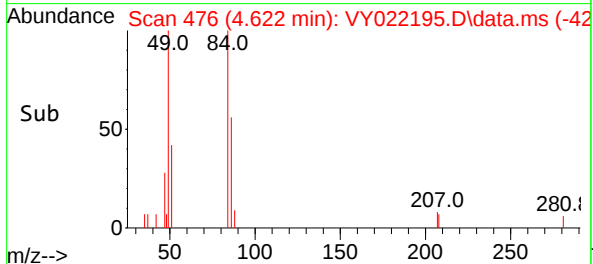
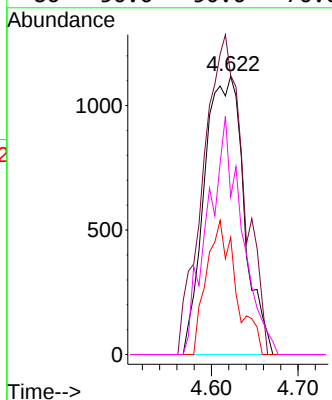
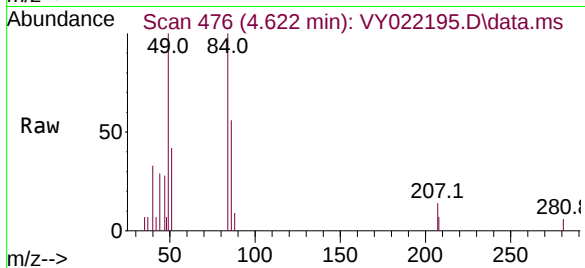




#20
Methylene Chloride
Concen: 1.544 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

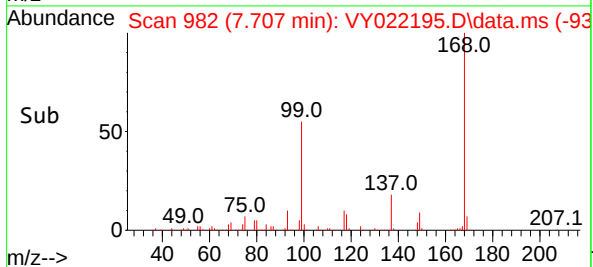
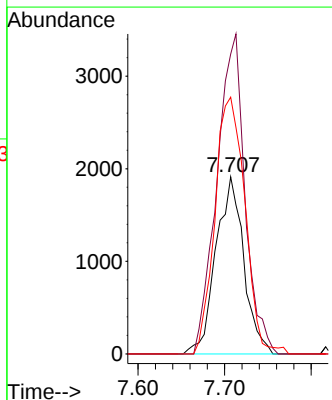
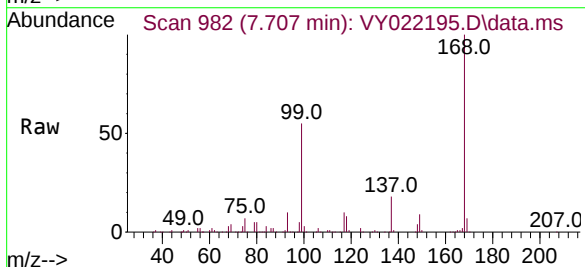
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

Tgt Ion:	84	Resp:	3552
Ion	Ratio	Lower	Upper
84	100		
49	100.3	79.9	119.9
51	42.1	25.4	38.0#
86	56.6	50.6	76.0



#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion:	56	Resp:	4271
Ion	Ratio	Lower	Upper
56	100		
69	169.4	29.4	44.2#
84	145.1	82.2	123.4#





#33

1,2-Dichloroethane-d4

Concen: 62.166 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022195.D

Acq: 07 May 2025 16:06

Instrument :

MSVOA_Y

ClientSampleId :

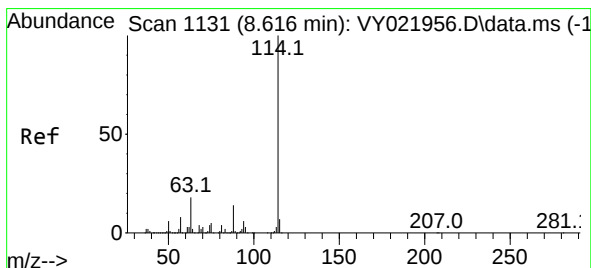
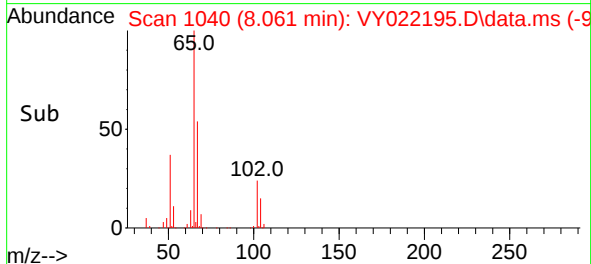
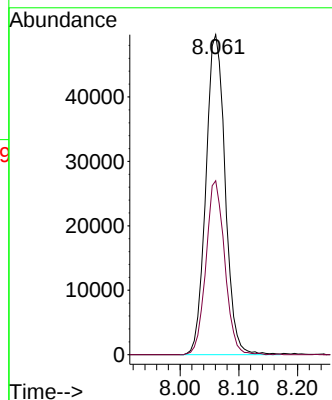
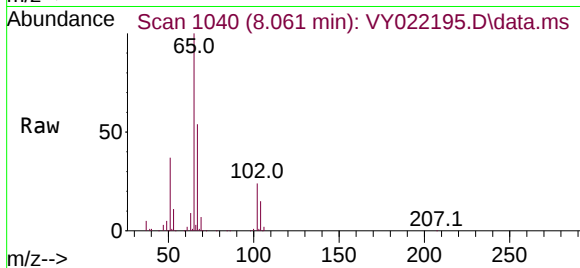
WC-B-1-VOC

Tgt Ion: 65 Resp: 113107

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022195.D

Acq: 07 May 2025 16:06

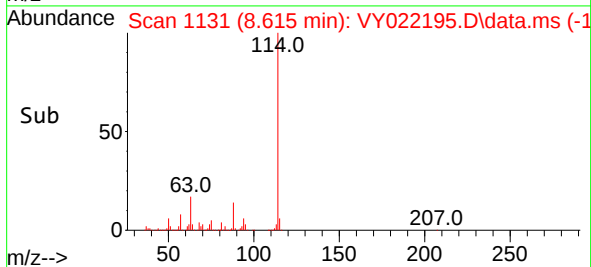
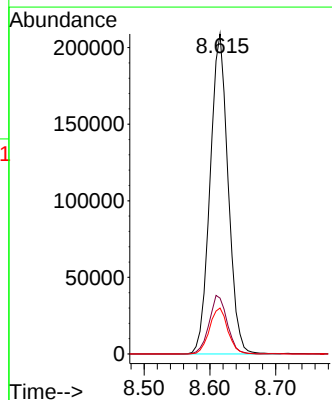
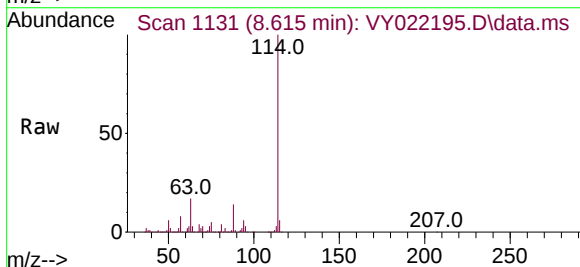
Tgt Ion:114 Resp: 397985

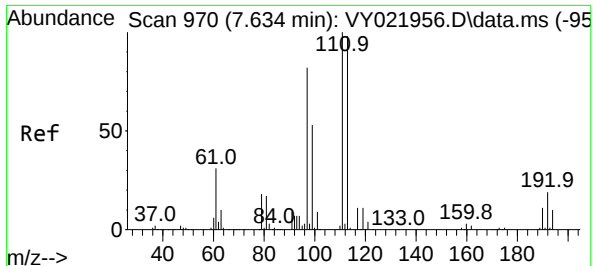
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.3 0.0 28.2

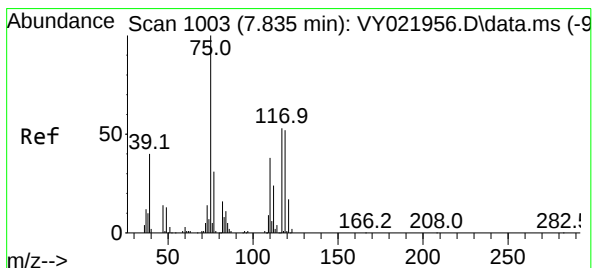
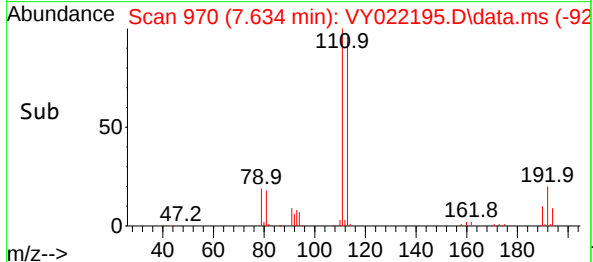
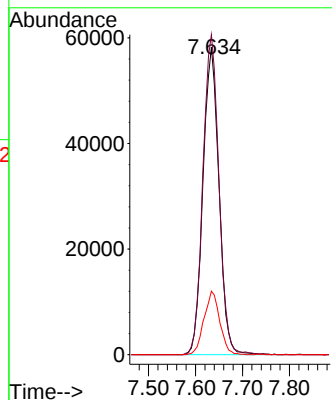
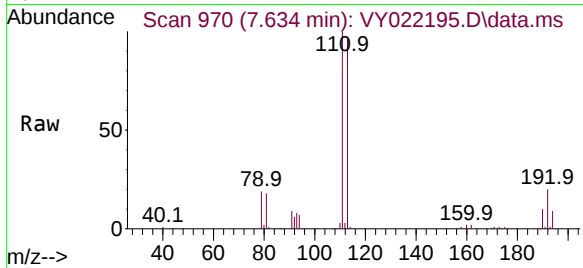




#35
Dibromofluoromethane
Concen: 52.222 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

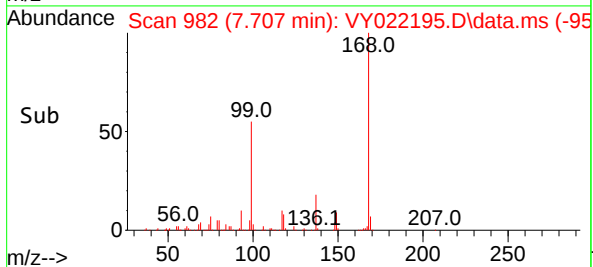
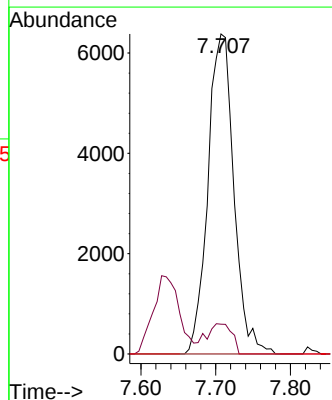
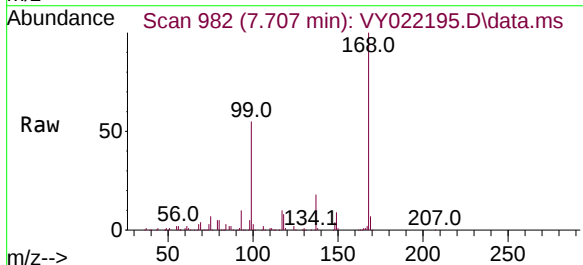
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

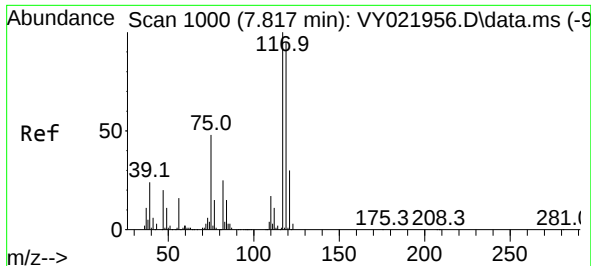
Tgt Ion:113 Resp: 137308
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.8
192 20.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 75 Resp: 15421
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.0 25.5 38.3#

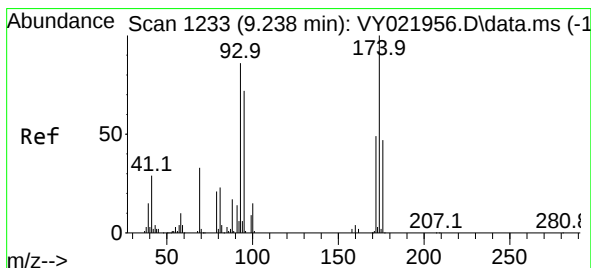
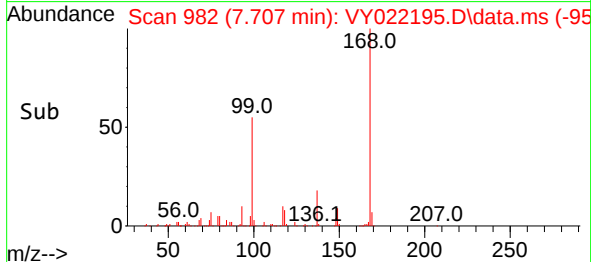
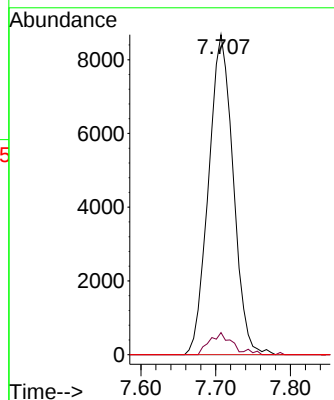
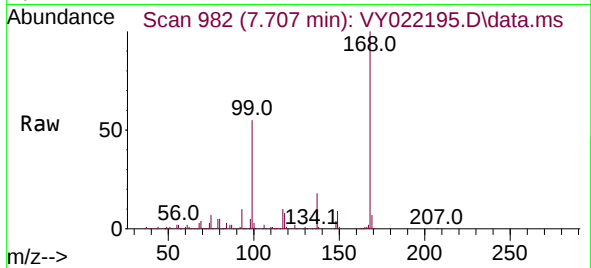




#38
Carbon Tetrachloride
Concen: 4.716 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

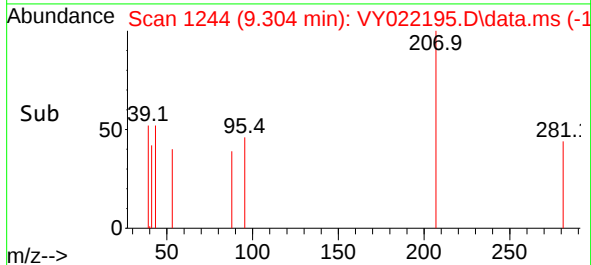
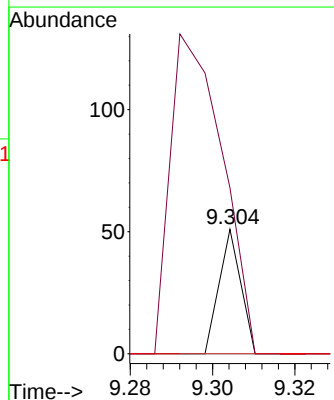
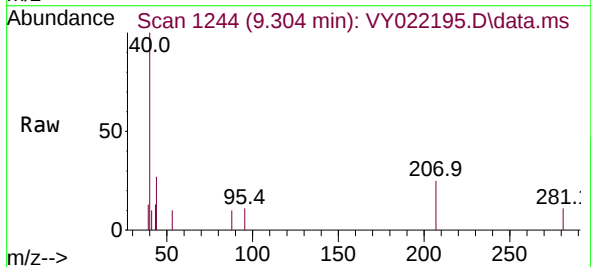
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

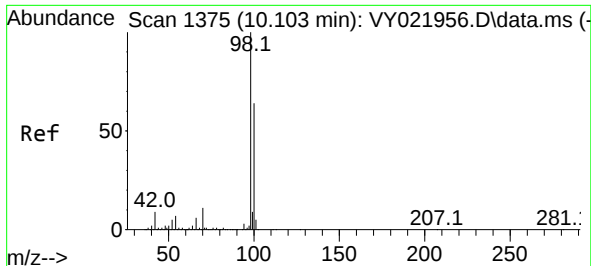
Tgt Ion:117 Resp: 19902
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.4#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.166 ug/l
RT: 9.304 min Scan# 1244
Delta R.T. 0.067 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 605.3 21.3 31.9#
58 0.0 50.5 75.7#

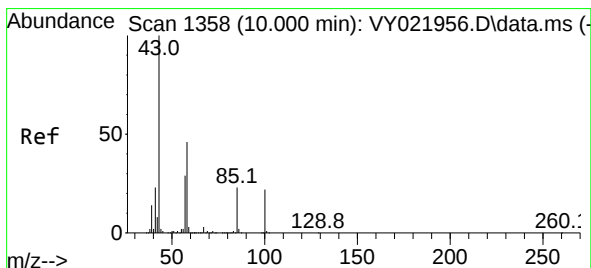
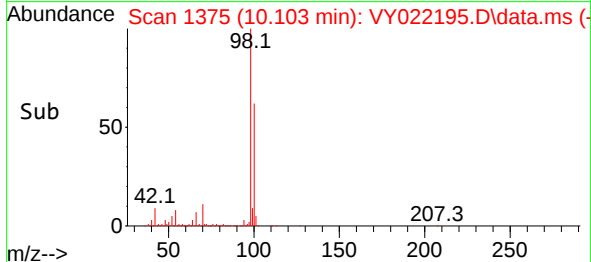
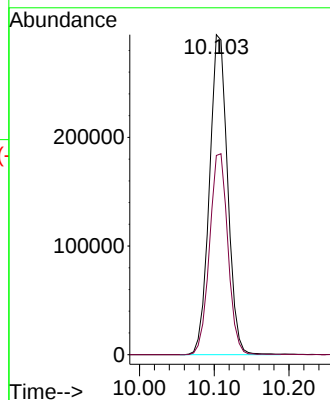
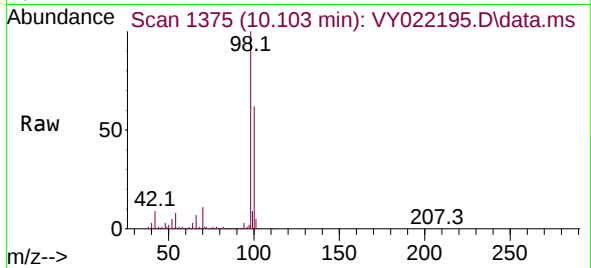




#50
Toluene-d8
Concen: 50.069 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

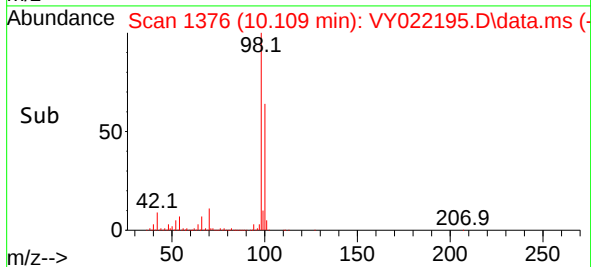
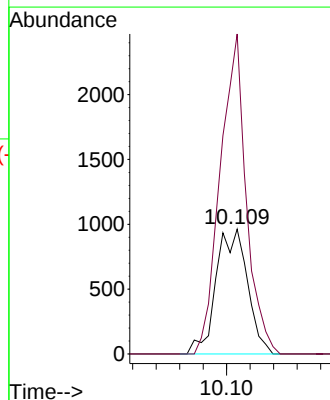
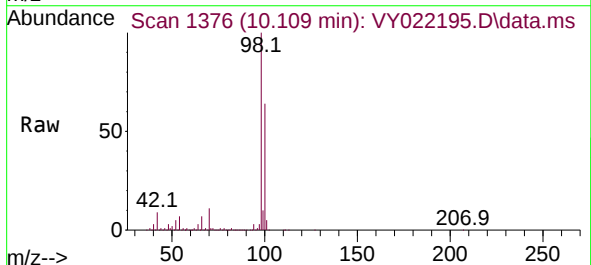
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

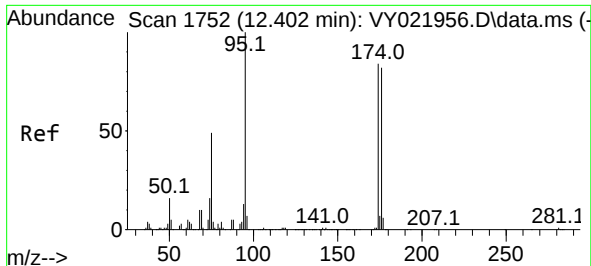
Tgt Ion: 98 Resp: 496304
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.400 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.109 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 43 Resp: 1788
Ion Ratio Lower Upper
43 100
58 212.8 36.6 55.0#

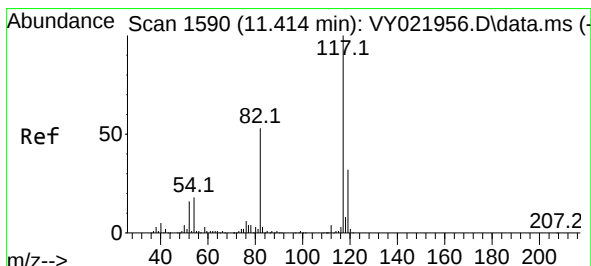
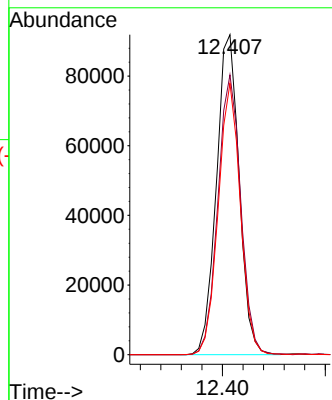
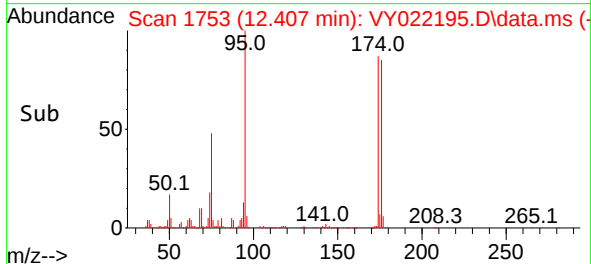
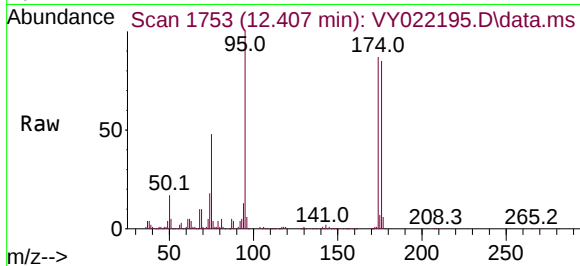




#62
4-Bromofluorobenzene
Concen: 42.263 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

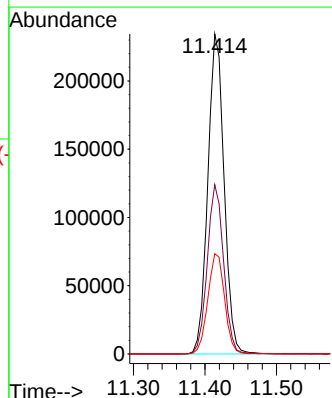
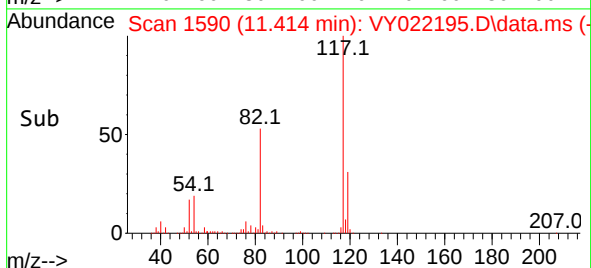
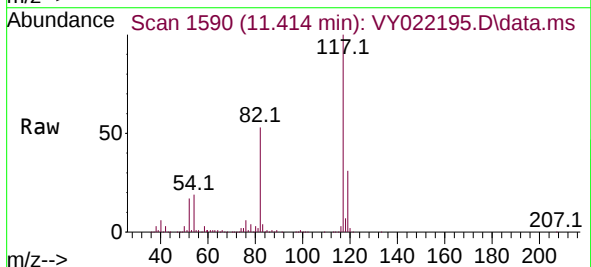
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-1-VOC

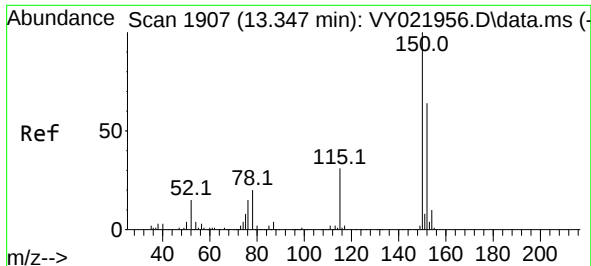
Tgt Ion: 95 Resp: 141028
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 82.3 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022195.D
Acq: 07 May 2025 16:06

Tgt Ion: 117 Resp: 370806
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 31.3 25.7 38.5

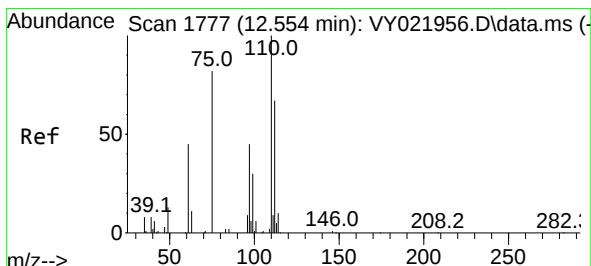
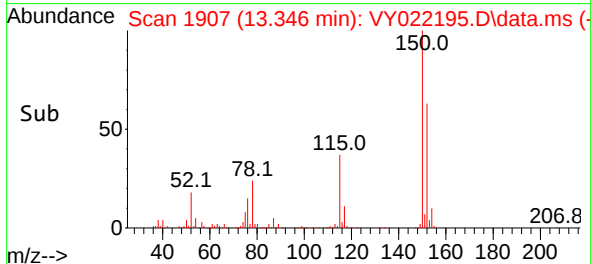
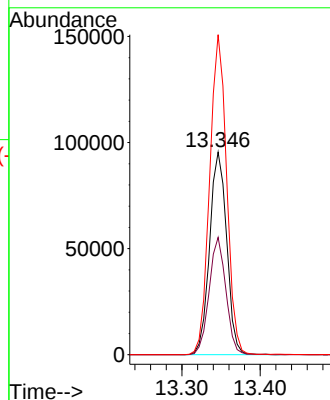
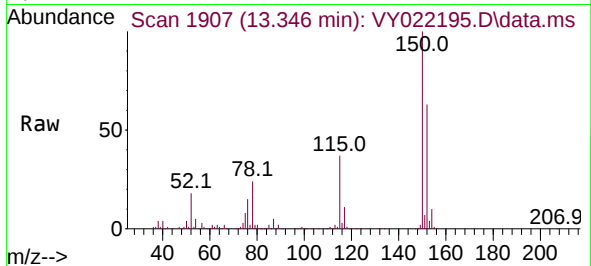




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022195.D
 Acq: 07 May 2025 16:06

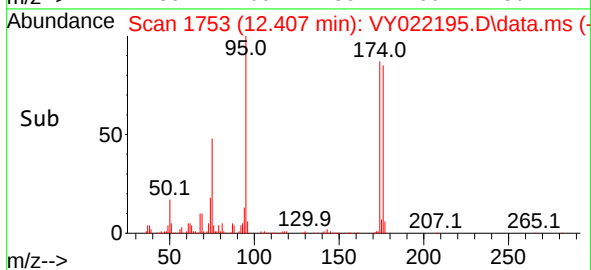
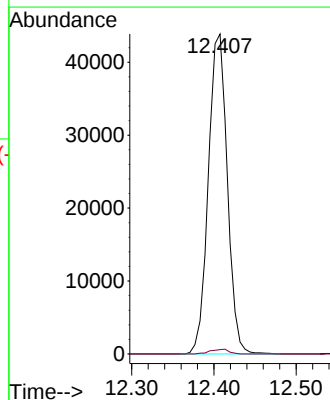
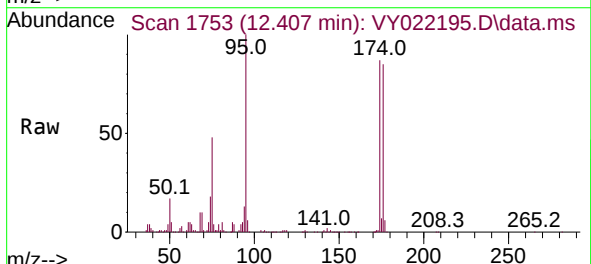
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-1-VOC

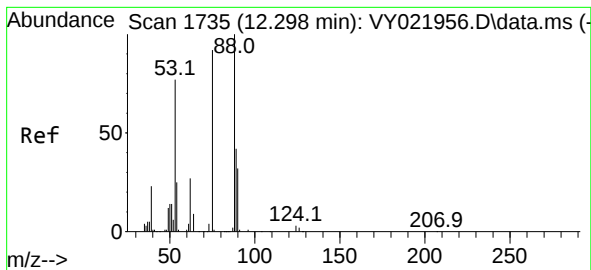
Tgt Ion:152 Resp: 144528
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.0 84.0
 150 156.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.790 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.147 min
 Lab File: VY022195.D
 Acq: 07 May 2025 16:06

Tgt Ion: 75 Resp: 70303
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.758 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY022195.D
 Acq: 07 May 2025 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-1-VOC

Tgt Ion: 75 Resp: 70303
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.0 99.0#
 89 0.0 37.2 55.8#

