

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021816.D
 Acq On : 09 Apr 2025 14:03
 Operator : SY/MD
 Sample : Q1712-07
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-7-VOC

Quant Time: Apr 10 01:42:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

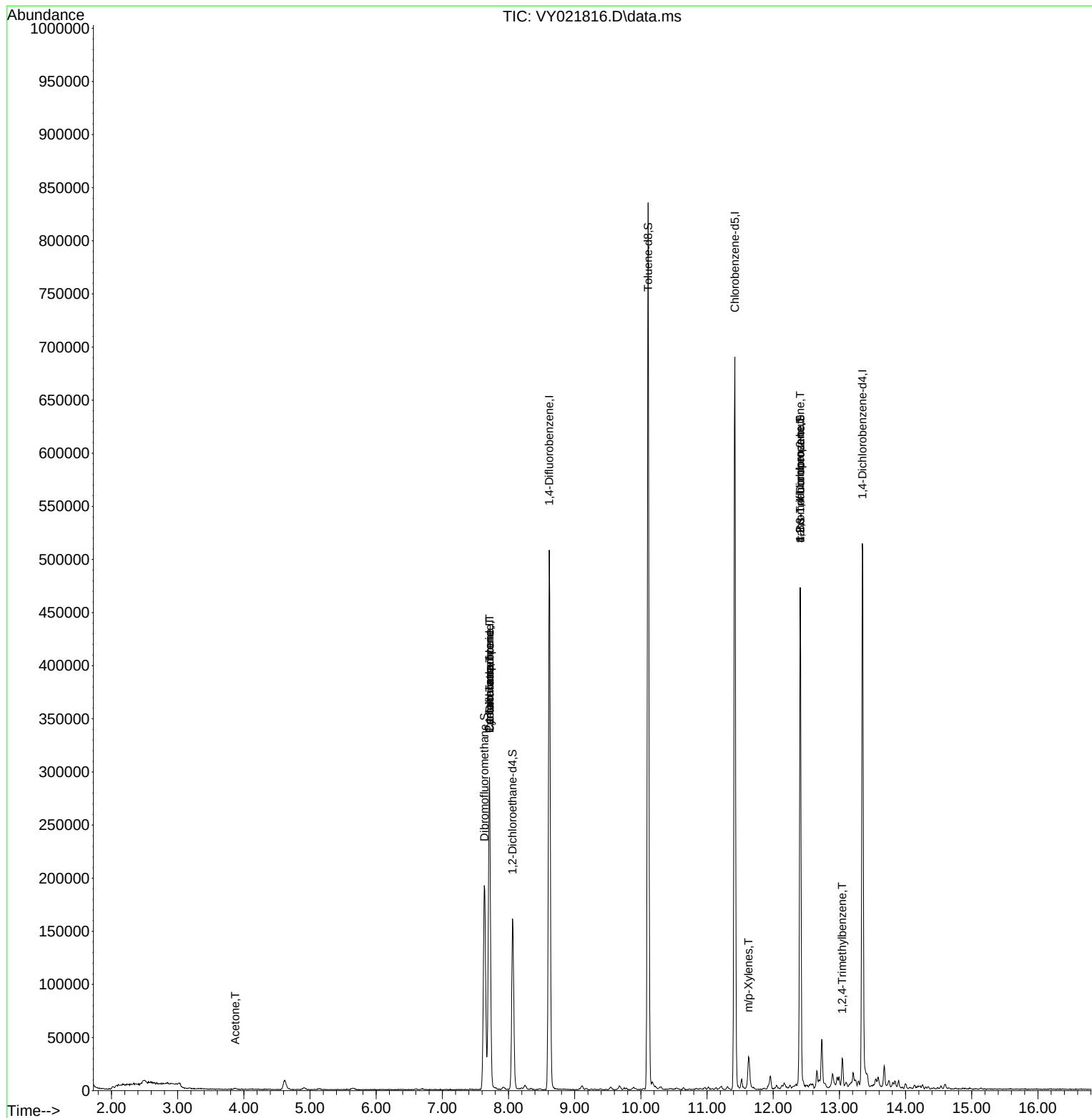
Internal Standards						
1) Pentafluorobenzene	7.713	168	220030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	412369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	352301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123904	51.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.634	113	136890	51.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.109	98	503762	49.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.407	95	136204	39.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	1518	3.111	ug/l	99
20) Methylene Chloride	4.622	84	5919	Below Cal	#	83
31) Cyclohexane	7.713	56	5502	1.308	ug/l #	7
36) 1,1-Dichloropropene	7.713	75	18737	4.599	ug/l #	51
38) Carbon Tetrachloride	7.713	117	22725	4.870	ug/l #	18
68) m/p-Xylenes	11.627	106	7373	1.390	ug/l	96
76) 1,2,3-Trichloropropane	12.407	75	72070	56.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	72070	129.477	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.041	105	13337	1.718	ug/l	99

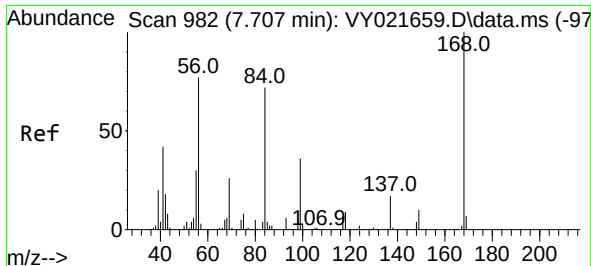
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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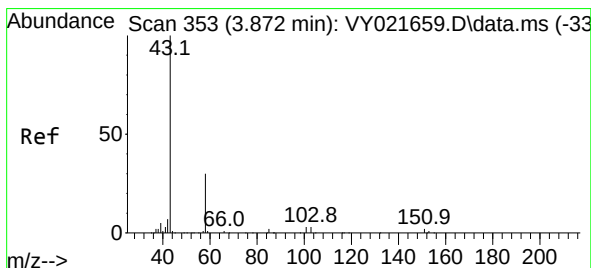
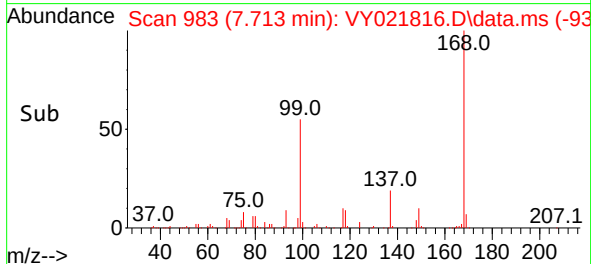
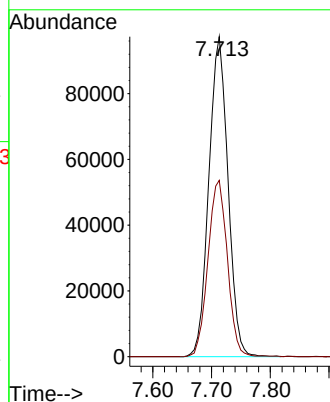
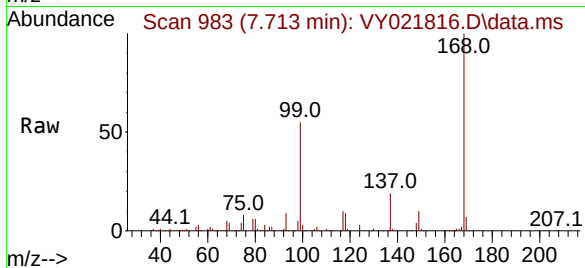




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

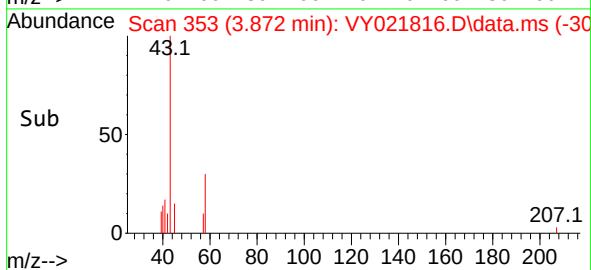
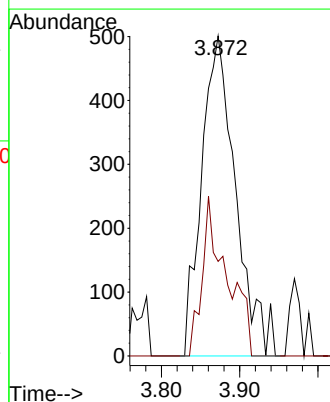
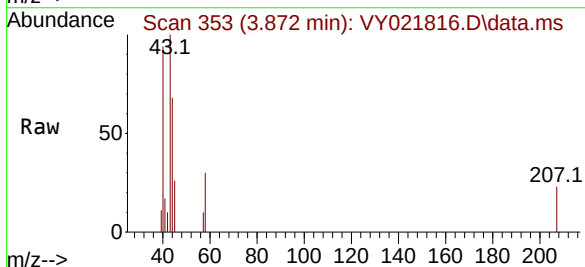
Instrument :
MSVOA_Y
ClientSampleId :
TT-7-VOC

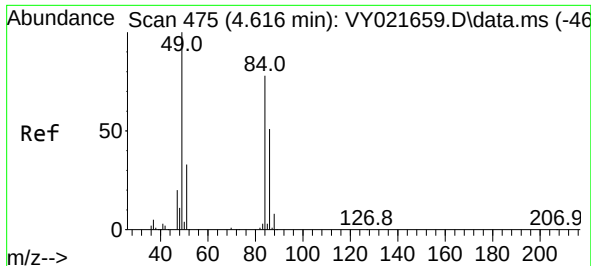
Tgt Ion:168 Resp: 220030
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1



#16
Acetone
Concen: 3.111 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4

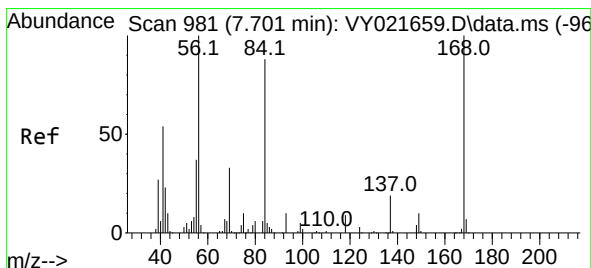
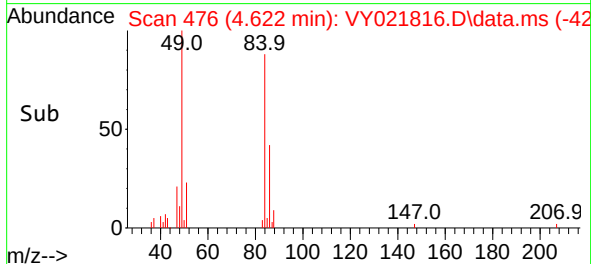
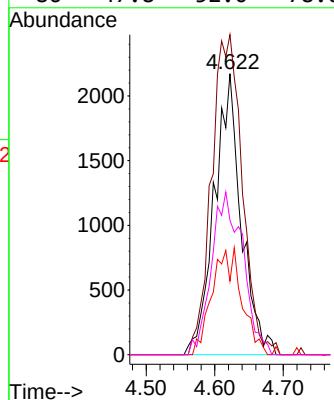
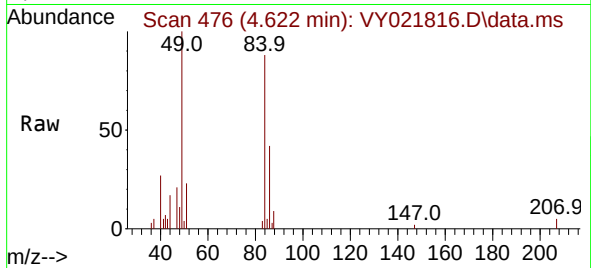




#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

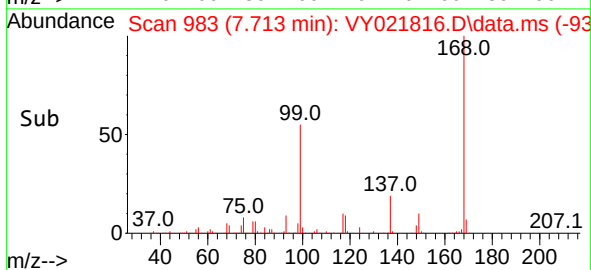
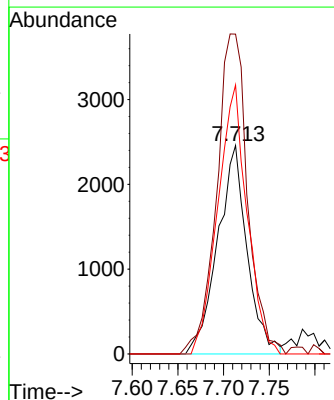
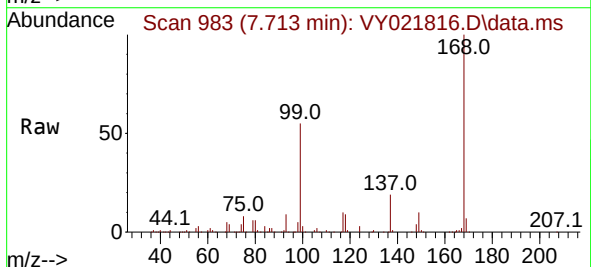
Instrument :
MSVOA_Y
ClientSampleId :
TT-7-VOC

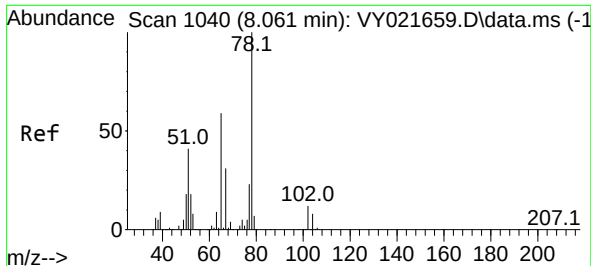
Tgt Ion:	84	Resp:	5919
Ion	Ratio	Lower	Upper
84	100		
49	113.9	102.8	154.2
51	26.2	33.5	50.3#
86	47.8	52.0	78.0#



#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion:	56	Resp:	5502
Ion	Ratio	Lower	Upper
56	100		
69	153.5	26.6	40.0#
84	129.0	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 51.974 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

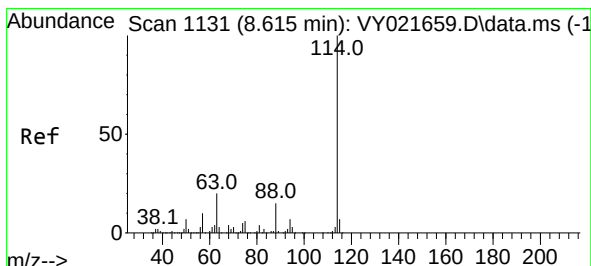
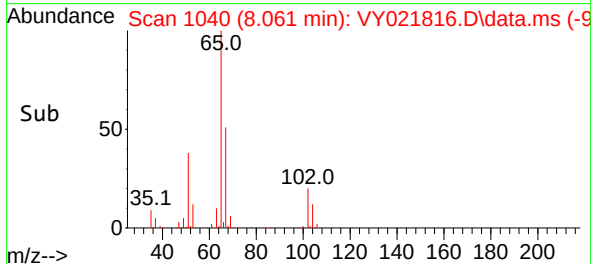
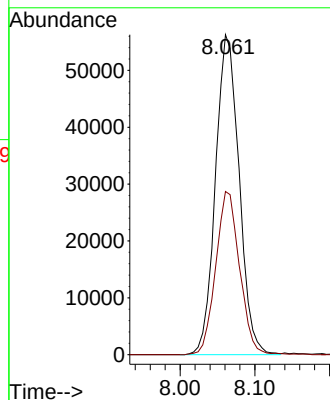
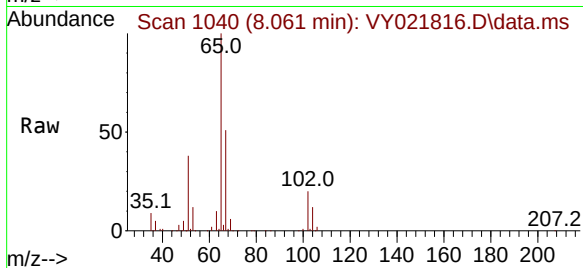
TT-7-VOC

Tgt Ion: 65 Resp: 123904

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

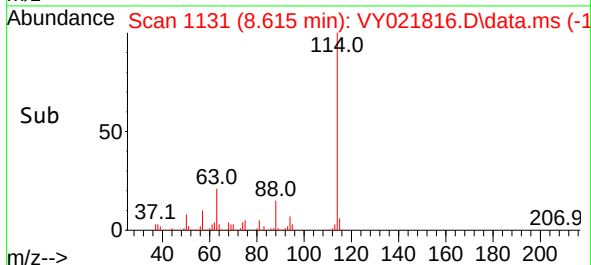
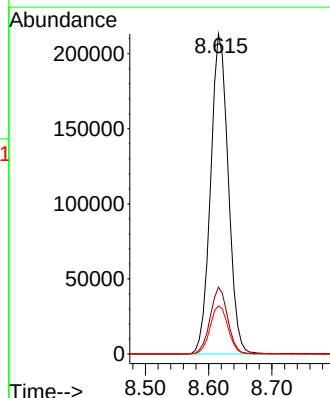
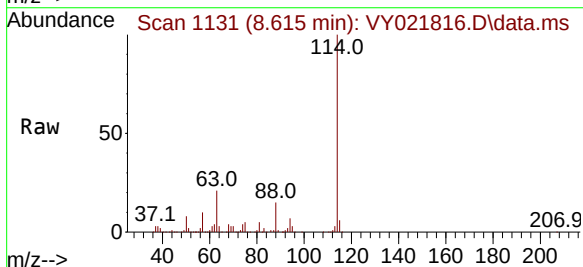
Tgt Ion: 114 Resp: 412369

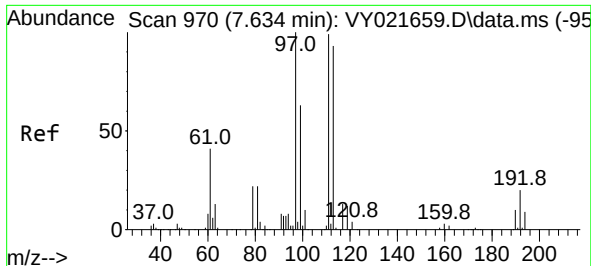
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 15.0 0.0 29.8

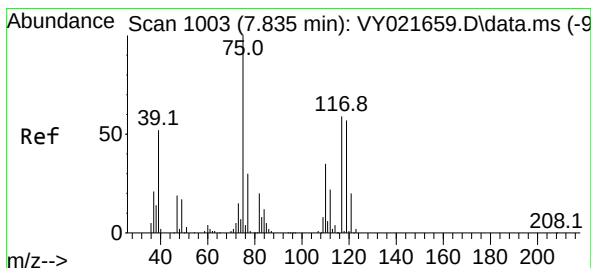
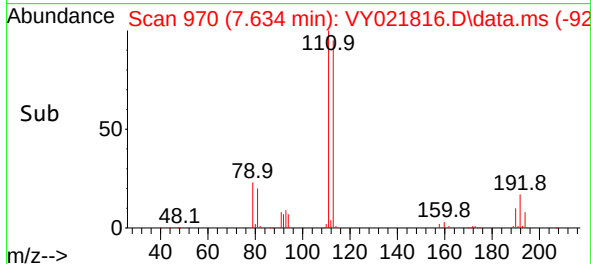
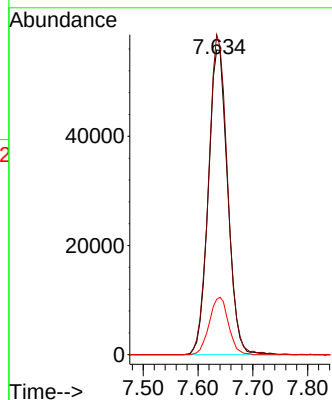
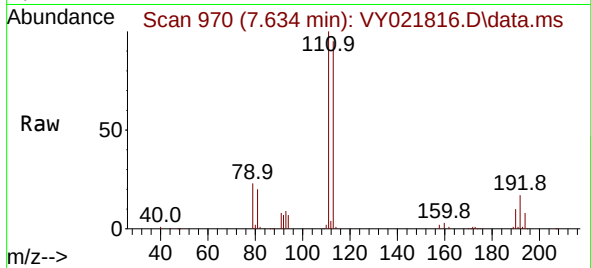




#35
Dibromofluoromethane
Concen: 51.174 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

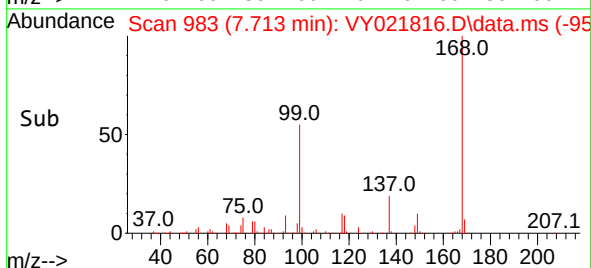
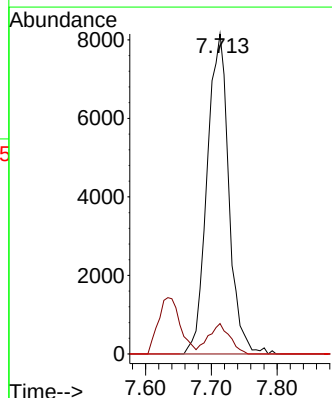
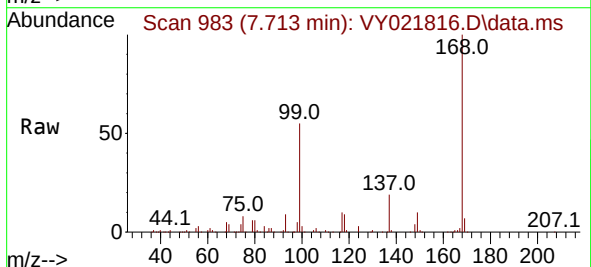
Instrument :
MSVOA_Y
ClientSampleId :
TT-7-VOC

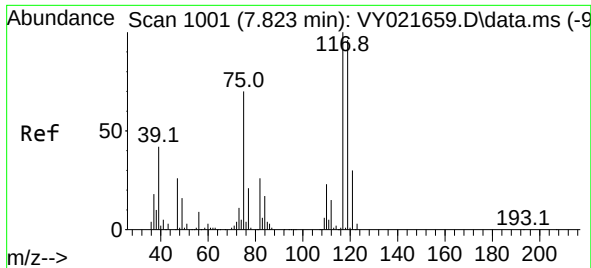
Tgt Ion:113 Resp: 136890
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion: 75 Resp: 18737
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.8 37.2#

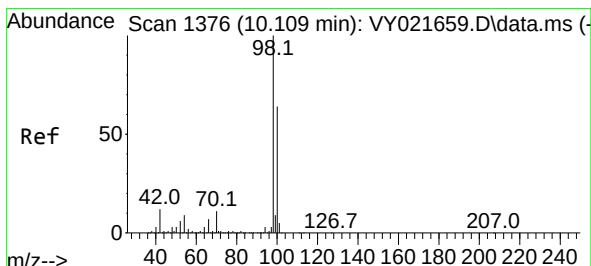
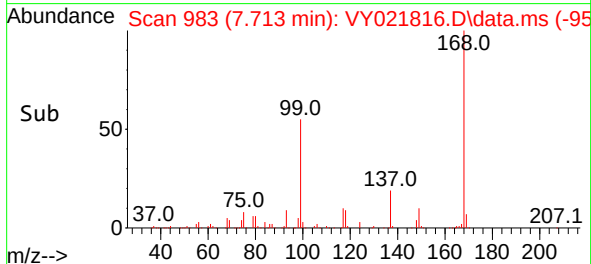
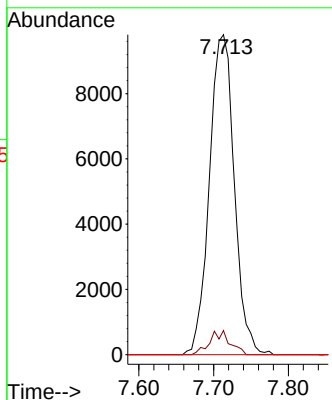
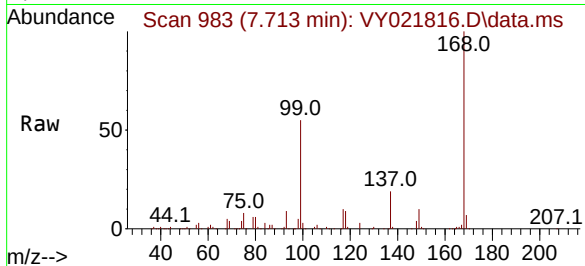




#38
Carbon Tetrachloride
Concen: 4.870 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

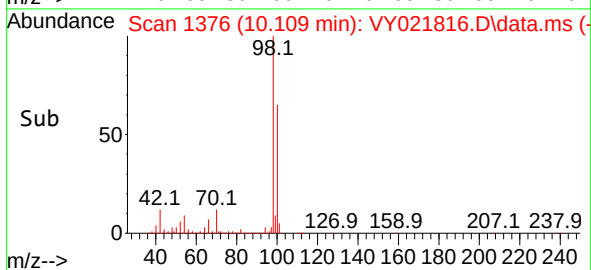
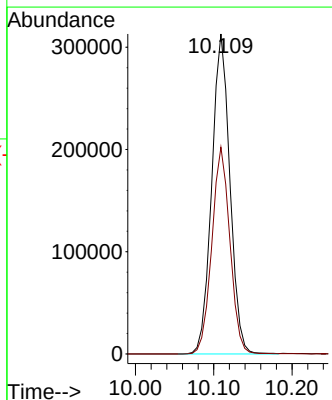
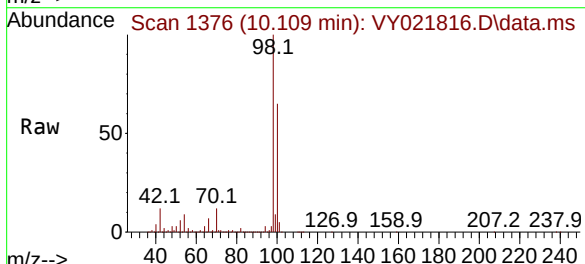
Instrument :
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ClientSampleId :
TT-7-VOC

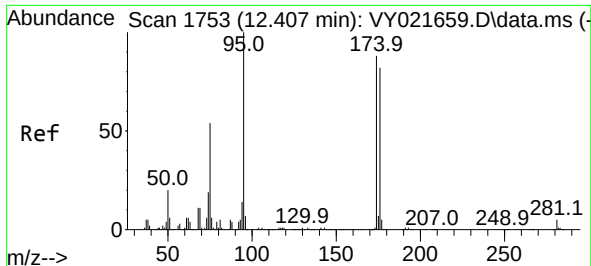
Tgt Ion:117 Resp: 22725
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.503 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion: 98 Resp: 503762
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

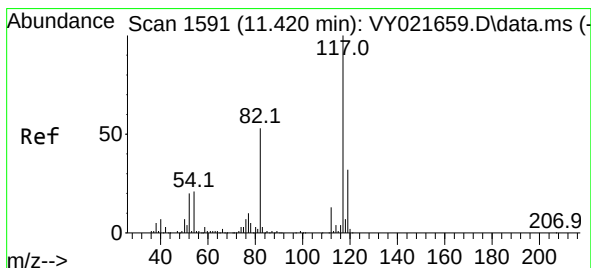
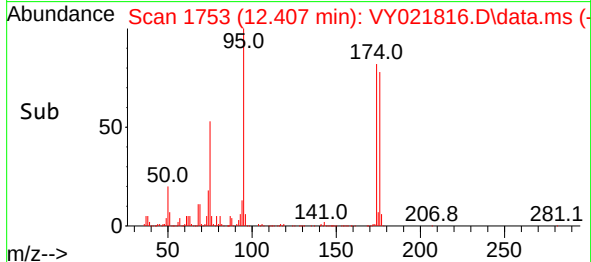
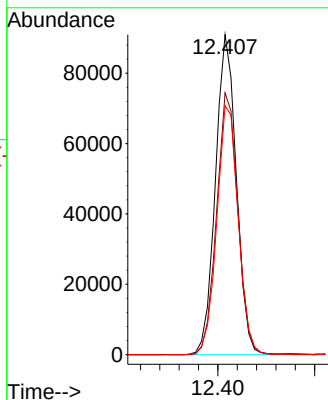
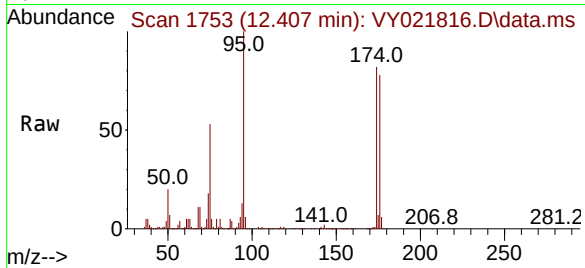




#62
4-Bromofluorobenzene
Concen: 39.570 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

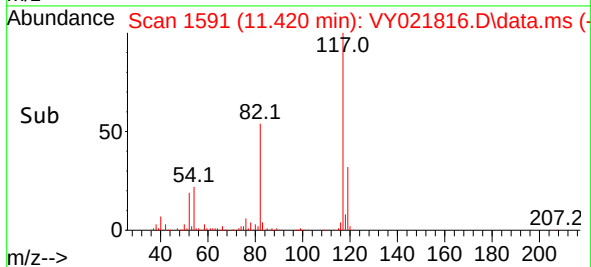
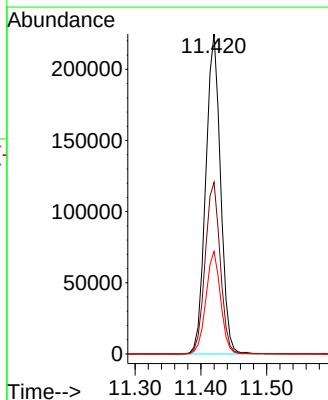
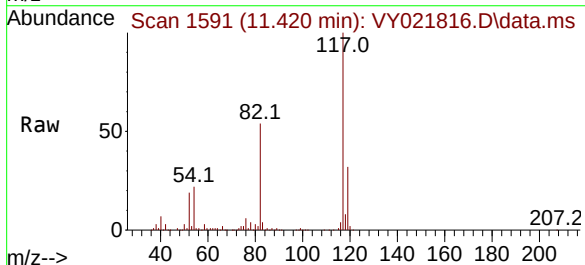
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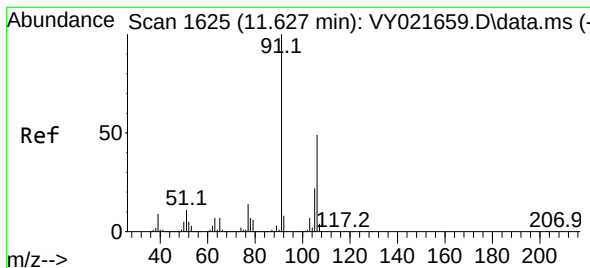
Tgt Ion: 95 Resp: 136204
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 79.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion: 117 Resp: 352301
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.0 25.7 38.5





#68

m/p-Xylenes

Concen: 1.390 ug/l

RT: 11.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

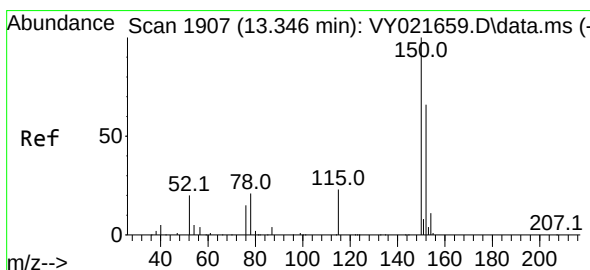
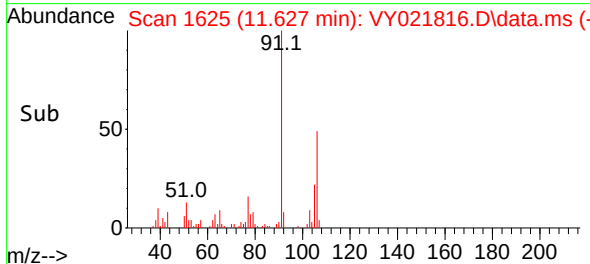
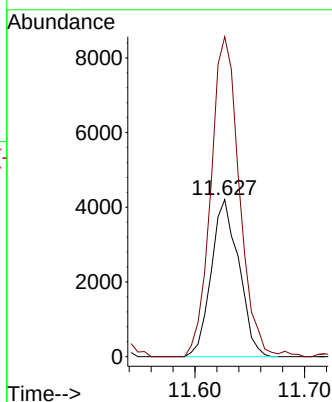
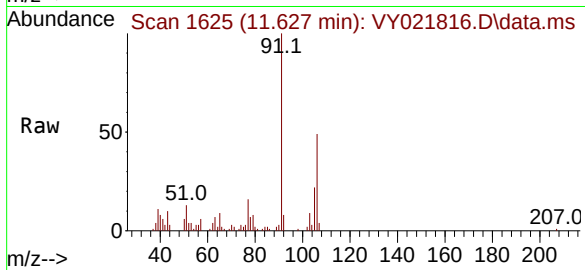
TT-7-VOC

Tgt Ion:106 Resp: 7373

Ion Ratio Lower Upper

106 100

91 209.2 162.4 243.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

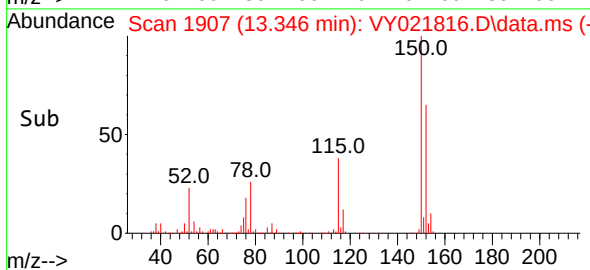
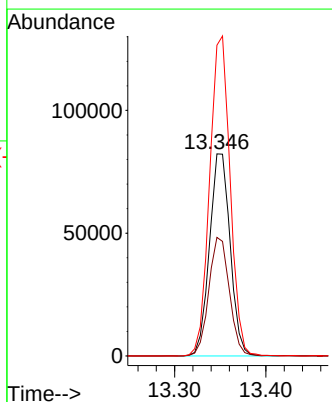
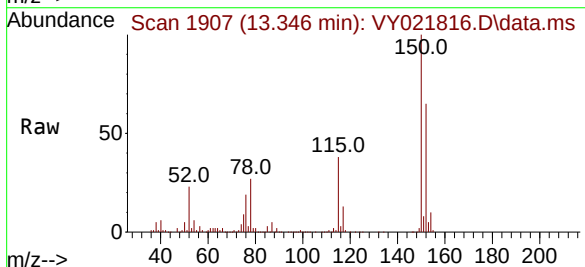
Tgt Ion:152 Resp: 129387

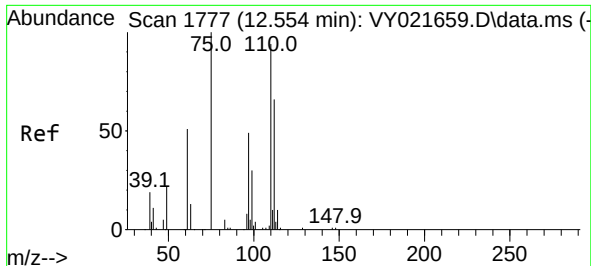
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 156.5 0.0 348.4

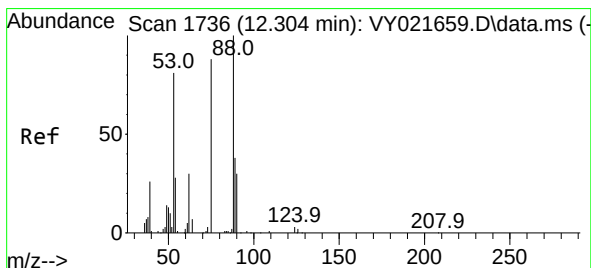
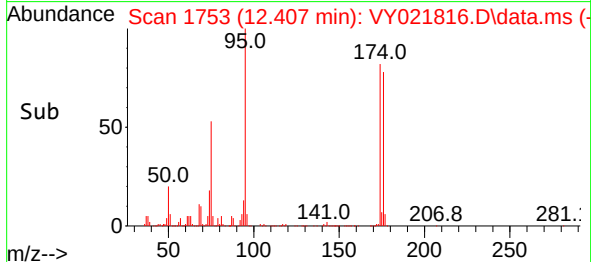
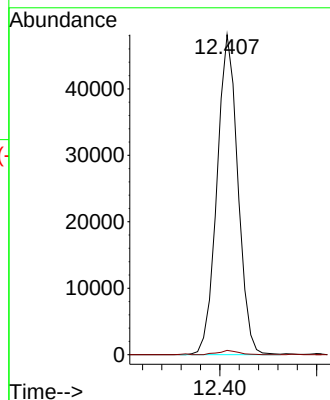
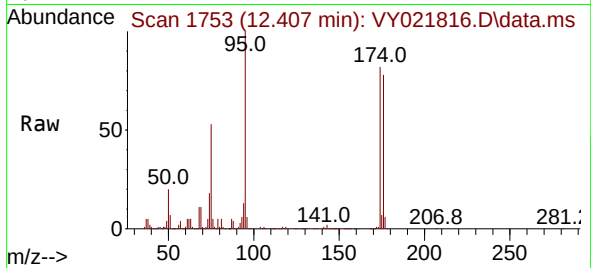




#76
1,2,3-Trichloropropane
Concen: 56.192 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

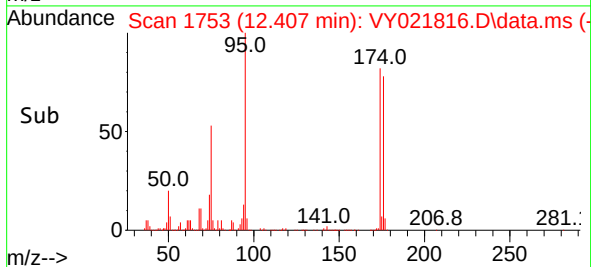
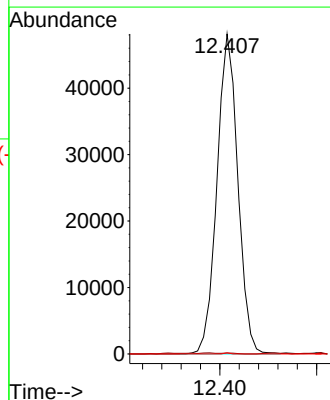
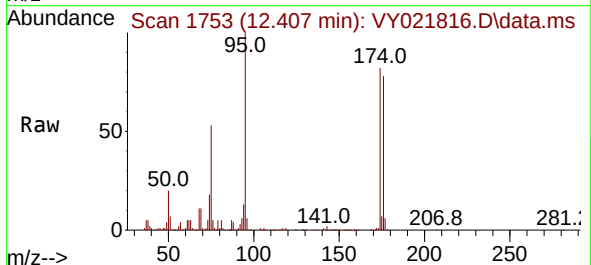
Instrument :
MSVOA_Y
ClientSampleId :
TT-7-VOC

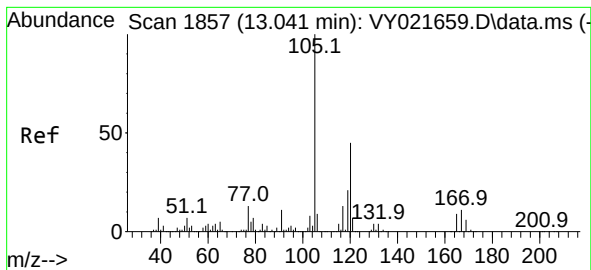
Tgt Ion: 75 Resp: 72070
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.477 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021816.D
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Tgt Ion: 75 Resp: 72070
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 36.2 54.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.718 ug/l

RT: 13.041 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

TT-7-VOC

Tgt Ion:105 Resp: 13337

Ion Ratio Lower Upper

105 100

120 44.6 22.7 68.1

