

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022633.D
 Acq On : 09 Jun 2025 16:20
 Operator : SY/MD
 Sample : Q2272-03
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-VOC

Quant Time: Jun 10 01:31:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

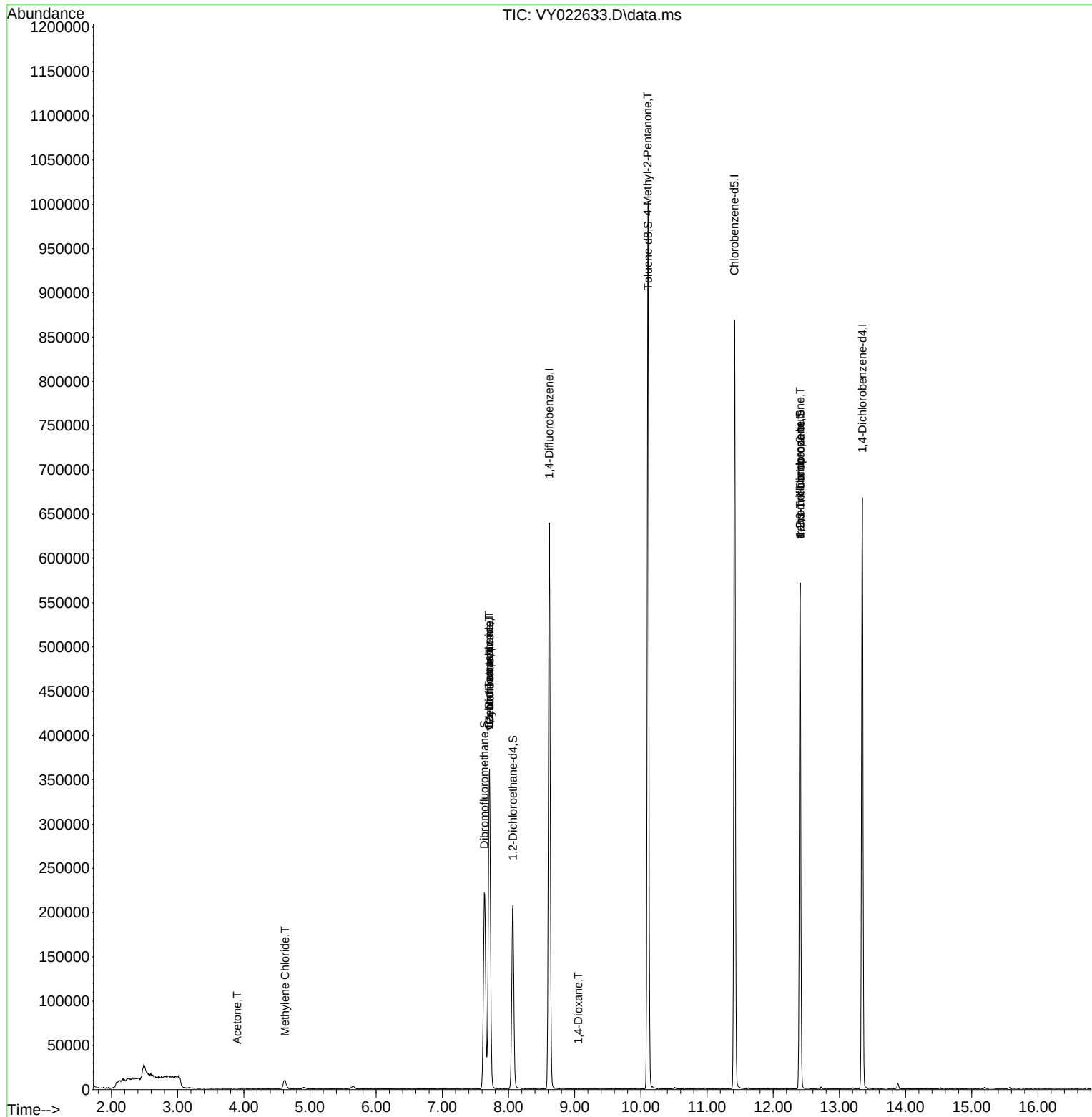
Internal Standards						
1) Pentafluorobenzene	7.713	168	270023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	509742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	409406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	156003	51.656	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.320%		
35) Dibromofluoromethane	7.634	113	154120	50.655	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.300%		
50) Toluene-d8	10.109	98	621764	50.575	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.160%		
62) 4-Bromofluorobenzene	12.408	95	154585	42.202	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 84.400%		
Target Compounds						
					Qvalue	
16) Acetone	3.897	43	851	1.388	ug/l #	45
20) Methylene Chloride	4.622	84	7270	2.087	ug/l #	83
31) Cyclohexane	7.713	56	7711	1.329	ug/l #	41
36) 1,1-Dichloropropene	7.707	75	24733	5.009	ug/l #	50
38) Carbon Tetrachloride	7.707	117	26969	5.324	ug/l #	18
49) 1,4-Dioxane	9.054	88	47	2.046	ug/l #	1
51) 4-Methyl-2-Pentanone	10.103	43	3409	1.438	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	93393	52.873	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	93393	127.685	ug/l #	10

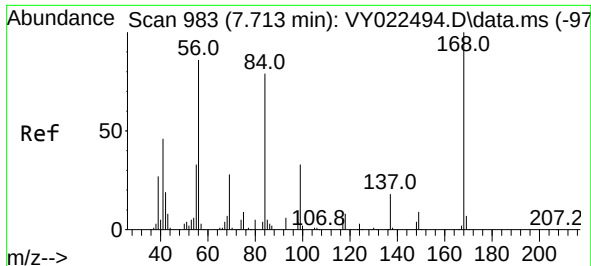
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
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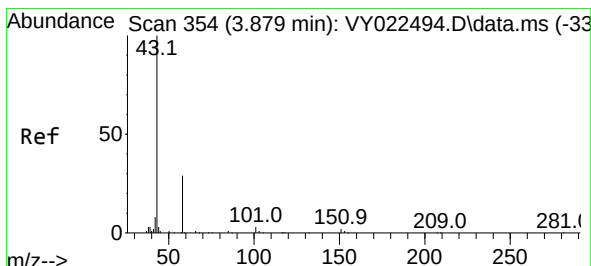
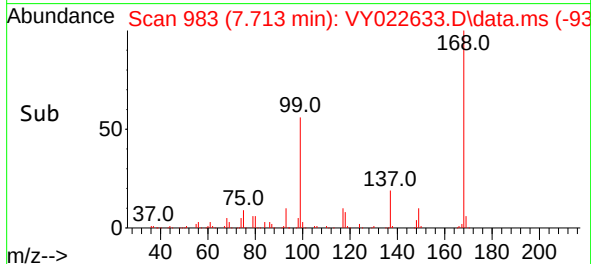
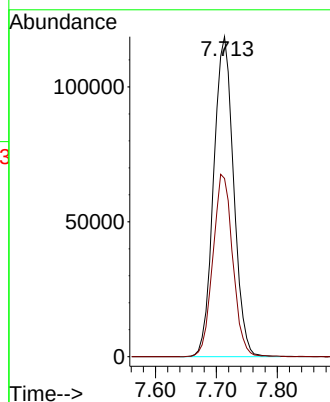
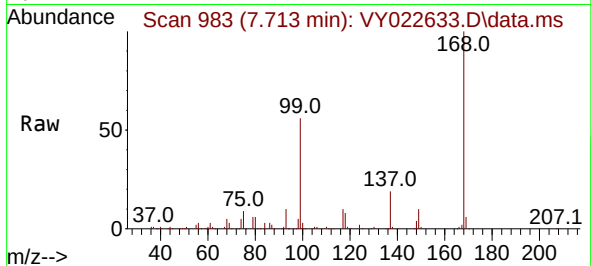




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

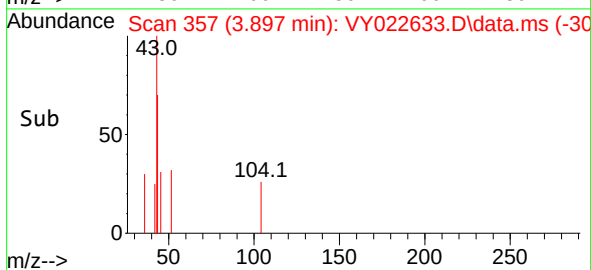
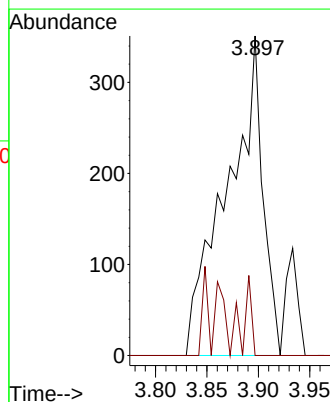
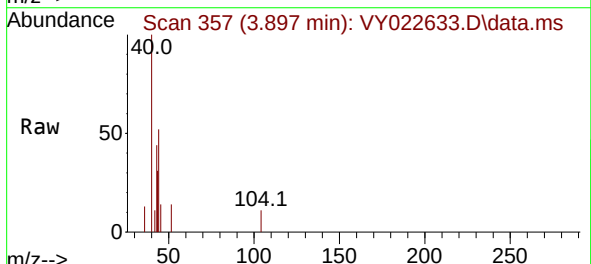
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

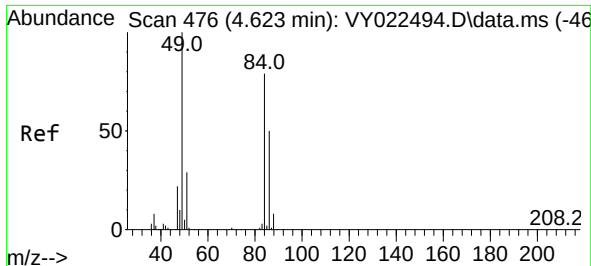
Tgt Ion:168 Resp: 270023
Ion Ratio Lower Upper
168 100
99 55.7 44.3 66.5



#16
Acetone
Concen: 1.388 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

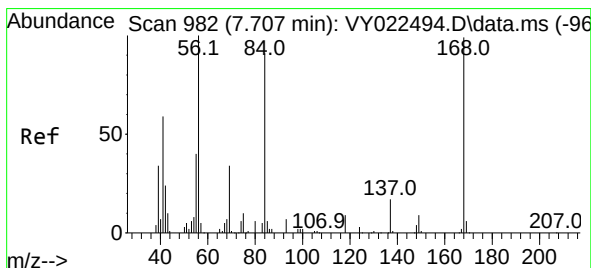
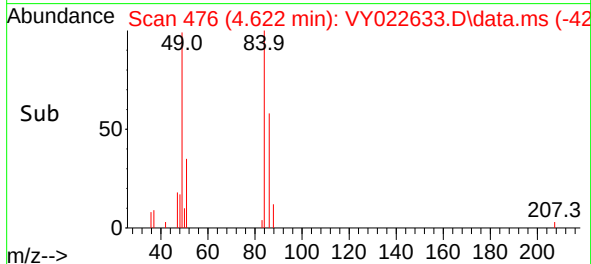
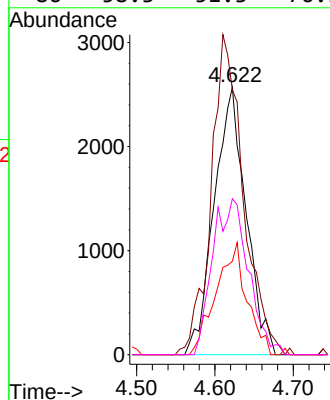
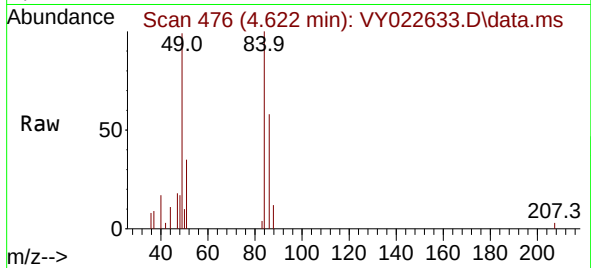




#20
Methylene Chloride
Concen: 2.087 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

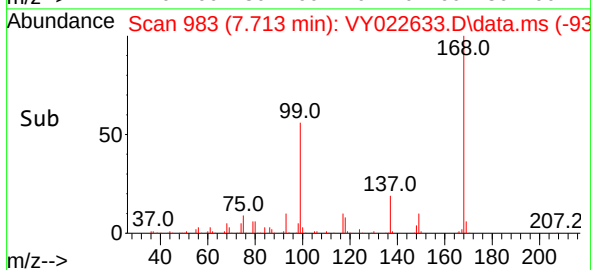
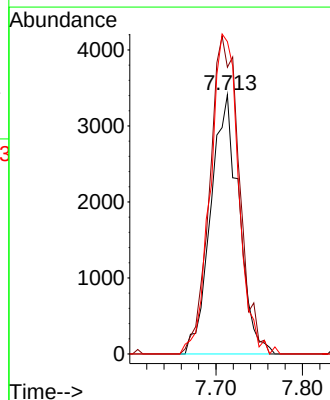
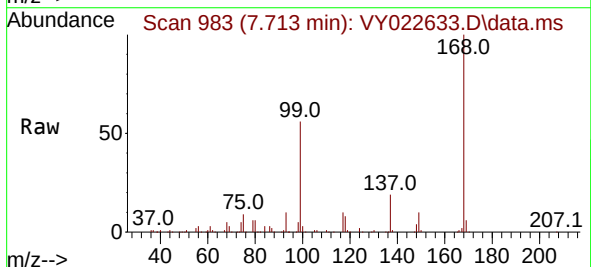
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

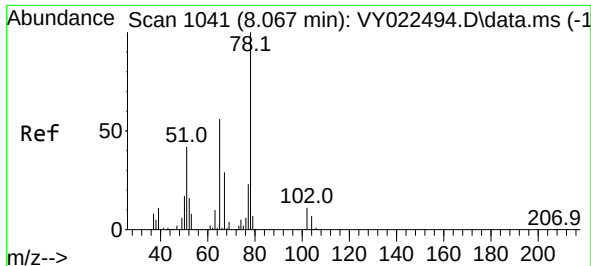
Tgt Ion:	84	Resp:	7270
Ion	Ratio	Lower	Upper
84	100		
49	97.0	101.9	152.9#
51	34.9	29.8	44.8
86	58.3	51.3	76.9



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

Tgt Ion:	56	Resp:	7711
Ion	Ratio	Lower	Upper
56	100		
69	110.7	27.0	40.6#
84	120.6	72.6	109.0#

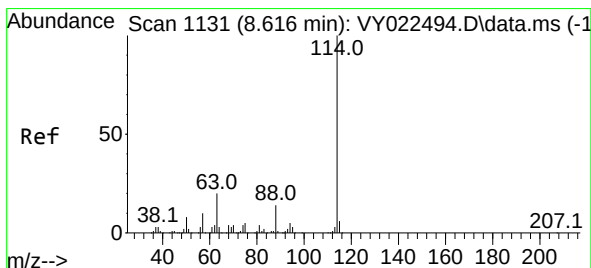
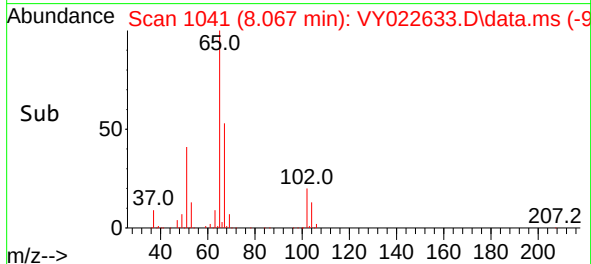
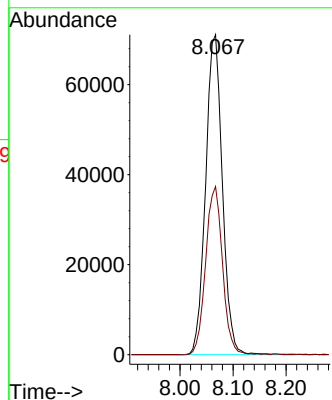
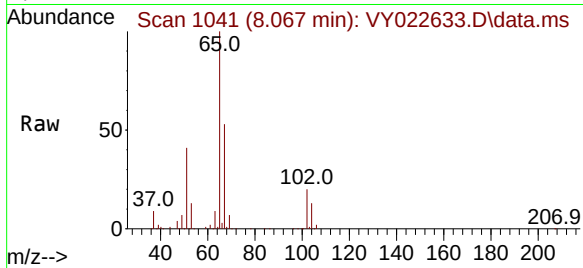




#33
 1,2-Dichloroethane-d4
 Concen: 51.656 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.000 min
 Lab File: VY022633.D
 Acq: 09 Jun 2025 16:20

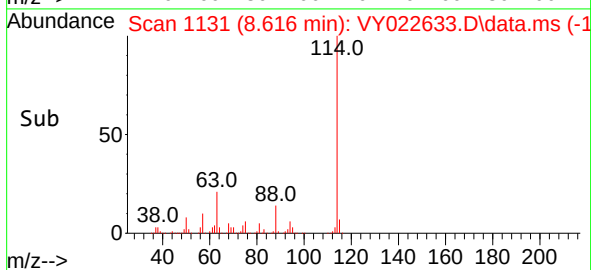
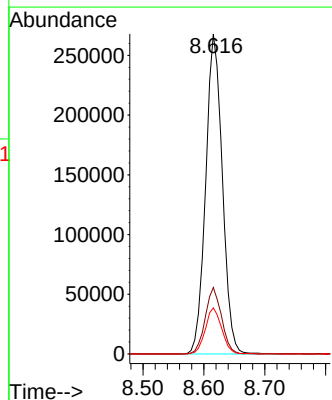
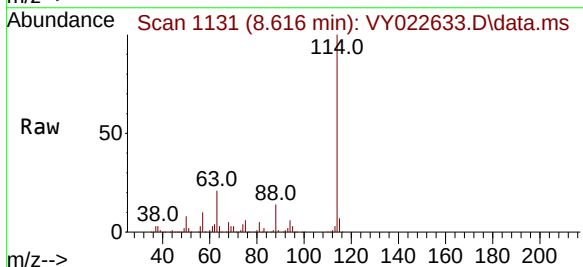
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-VOC

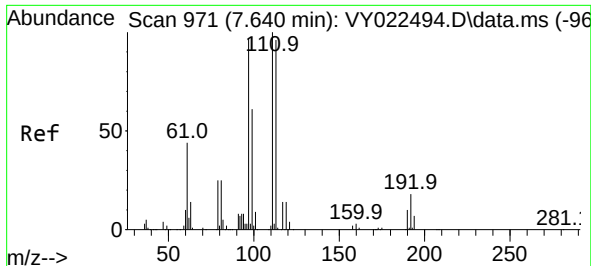
Tgt Ion: 65 Resp: 156003
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022633.D
 Acq: 09 Jun 2025 16:20

Tgt Ion: 114 Resp: 509742
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 14.4 0.0 27.8

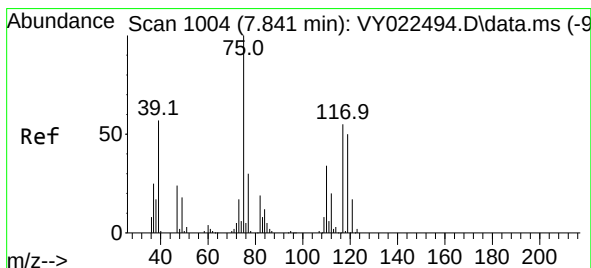
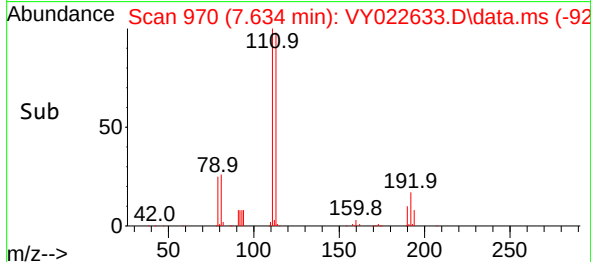
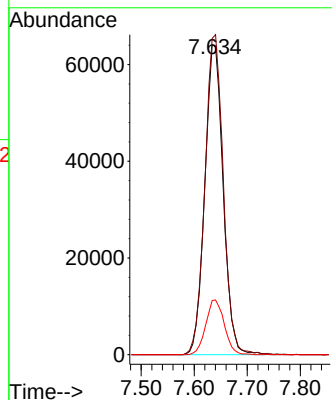
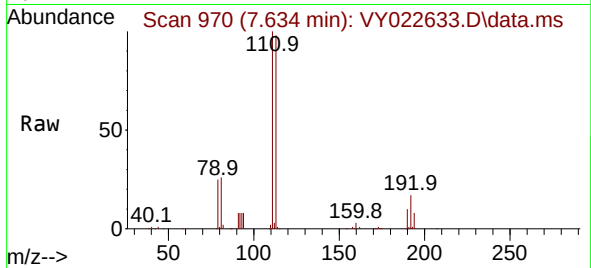




#35
Dibromofluoromethane
Concen: 50.655 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

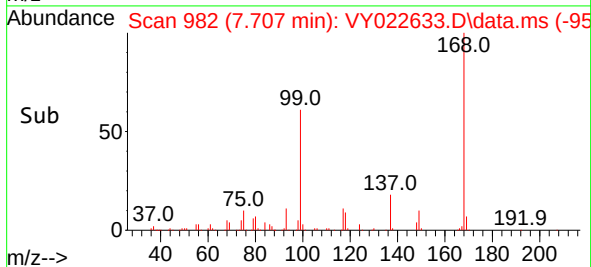
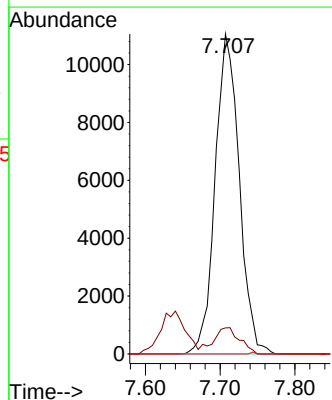
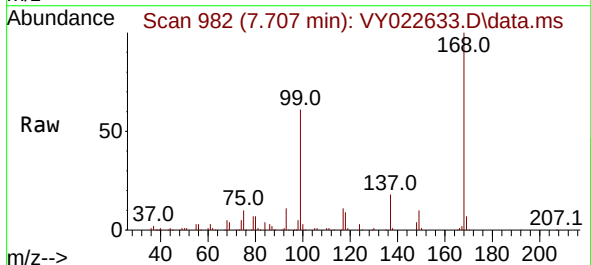
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

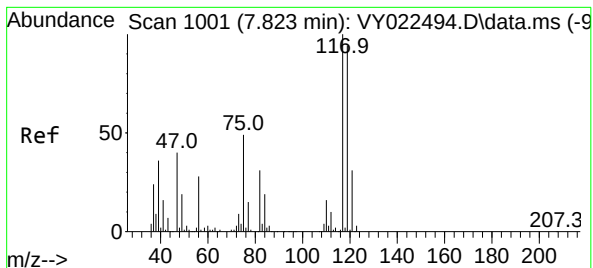
Tgt Ion:113 Resp: 154120
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

Tgt Ion: 75 Resp: 24733
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.7#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.324 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY022633.D

Acq: 09 Jun 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-VOC

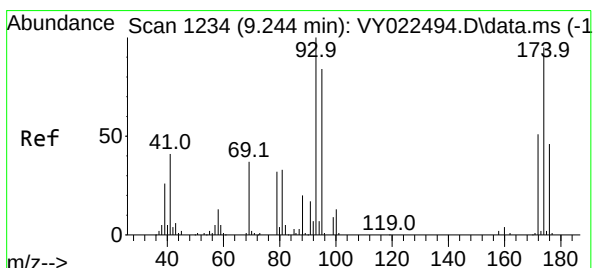
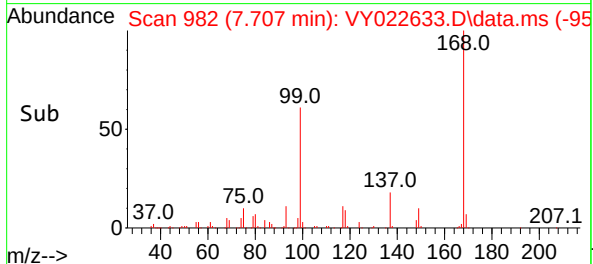
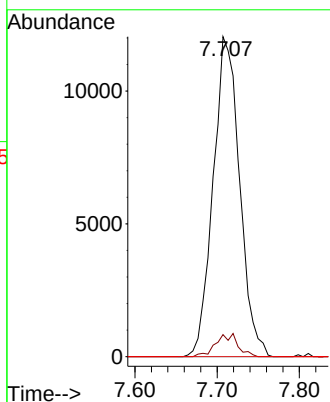
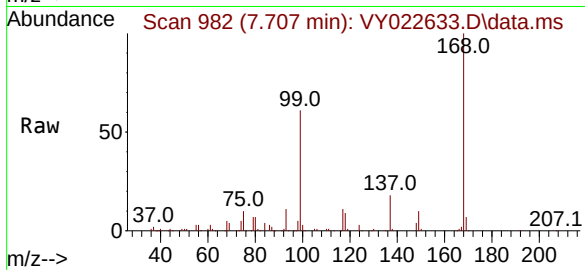
Tgt Ion:117 Resp: 26969

Ion Ratio Lower Upper

117 100

119 6.9 75.0 112.6#

121 0.0 25.0 37.4#



#49

1,4-Dioxane

Concen: 2.046 ug/l

RT: 9.054 min Scan# 1203

Delta R.T. -0.189 min

Lab File: VY022633.D

Acq: 09 Jun 2025 16:20

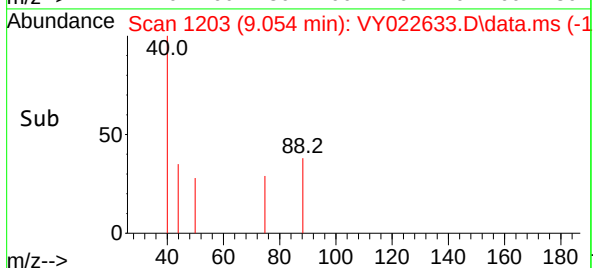
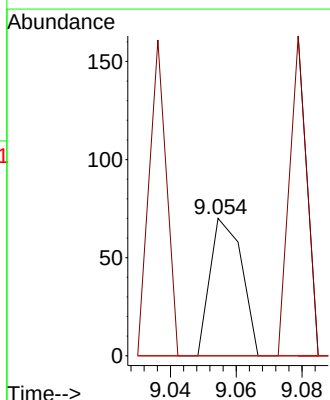
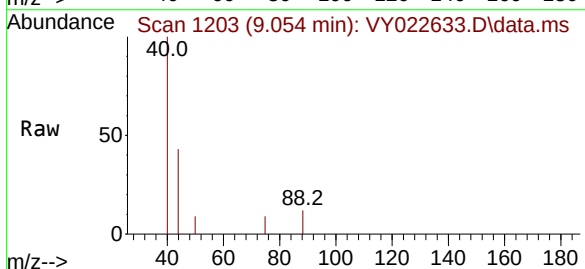
Tgt Ion: 88 Resp: 47

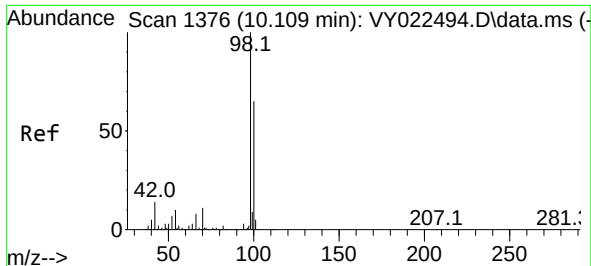
Ion Ratio Lower Upper

88 100

43 125.5 25.4 38.2#

58 0.0 54.9 82.3#

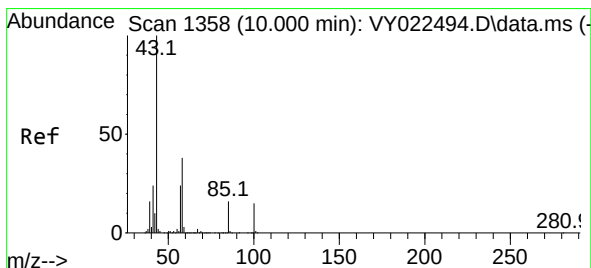
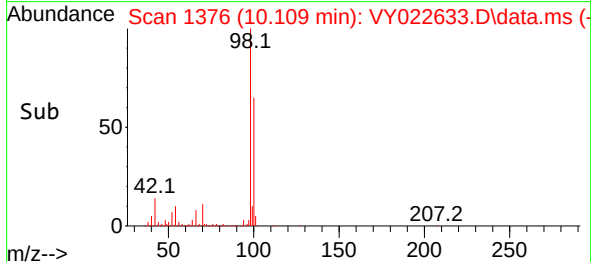
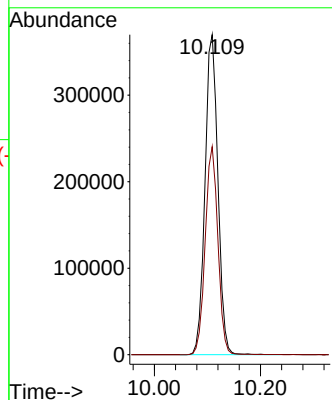
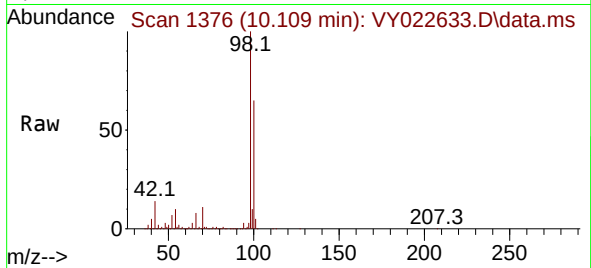




#50
Toluene-d8
Concen: 50.575 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

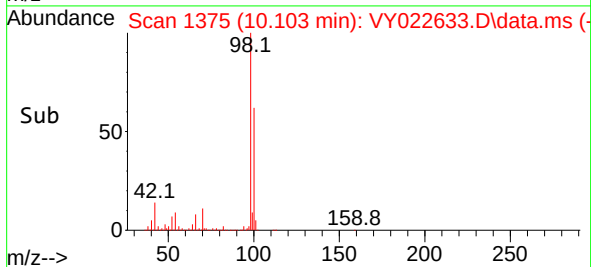
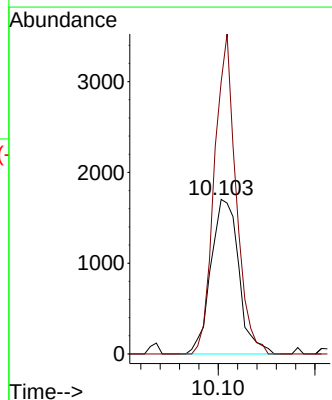
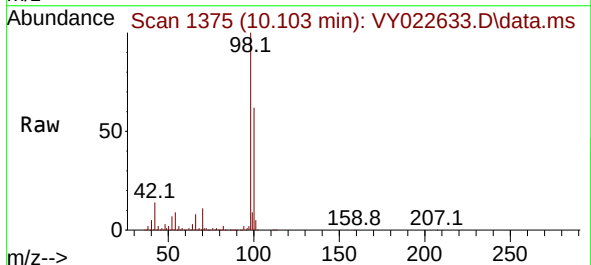
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TP-6-VOC

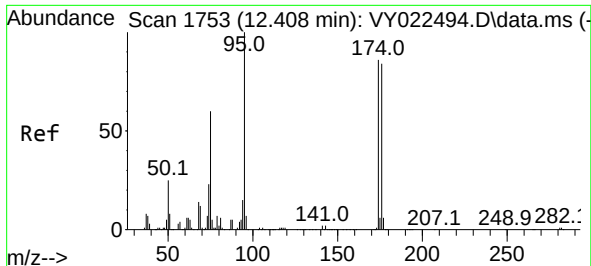
Tgt Ion: 98 Resp: 621764
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.438 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.103 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

Tgt Ion: 43 Resp: 3409
Ion Ratio Lower Upper
43 100
58 160.8 30.4 45.6#

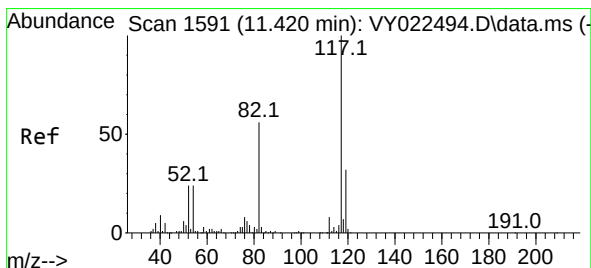
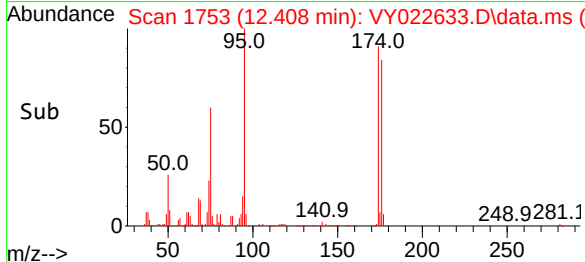
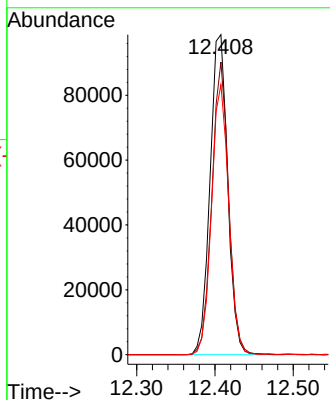
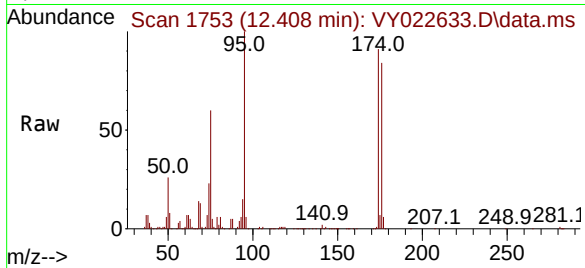




#62
4-Bromofluorobenzene
Concen: 42.202 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

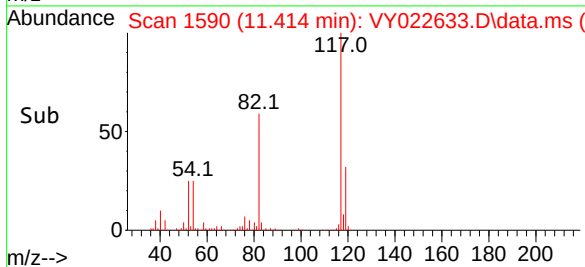
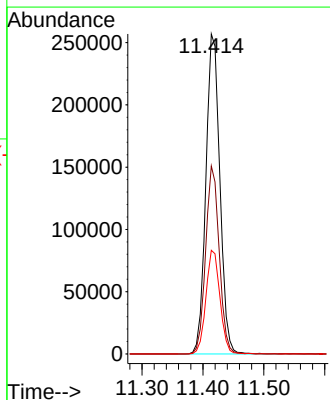
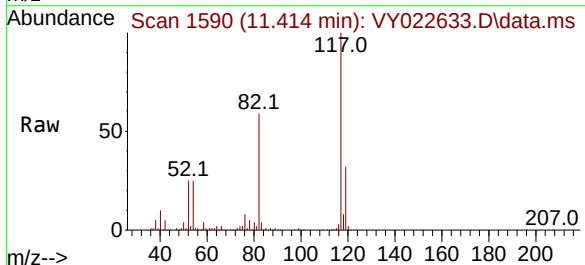
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

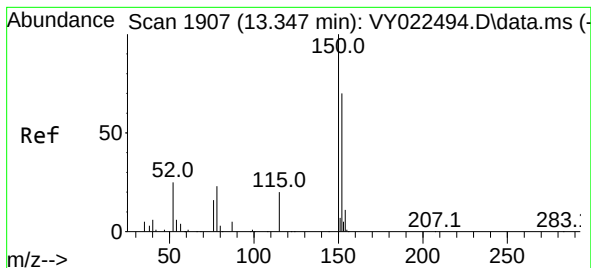
Tgt Ion: 95 Resp: 154585
Ion Ratio Lower Upper
95 100
174 87.2 0.0 170.0
176 82.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022633.D
Acq: 09 Jun 2025 16:20

Tgt Ion: 117 Resp: 409406
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022633.D

Acq: 09 Jun 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-VOC

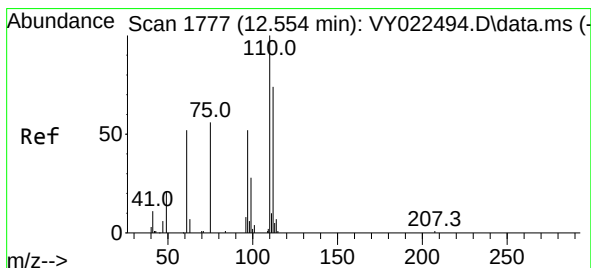
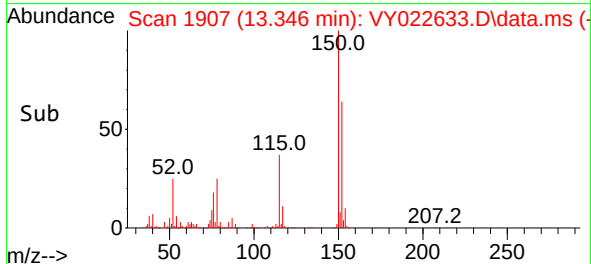
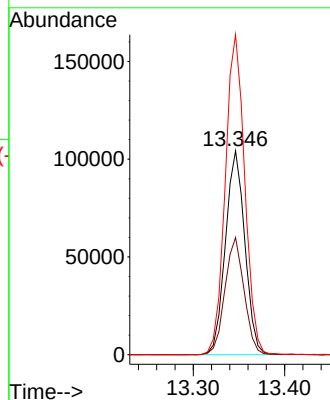
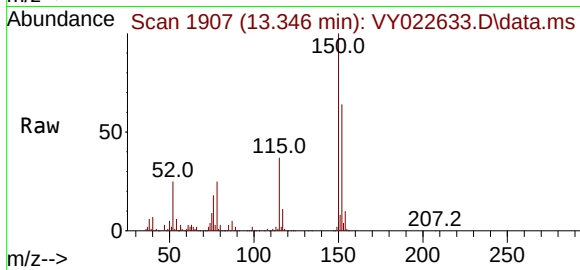
Tgt Ion:152 Resp: 154398

Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 157.1 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 52.873 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY022633.D

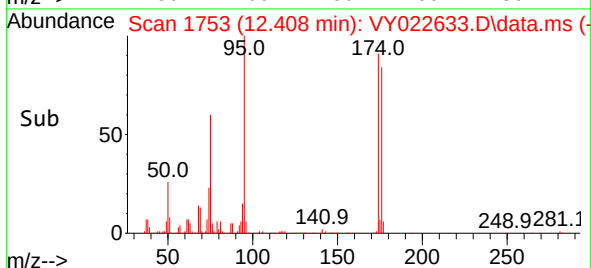
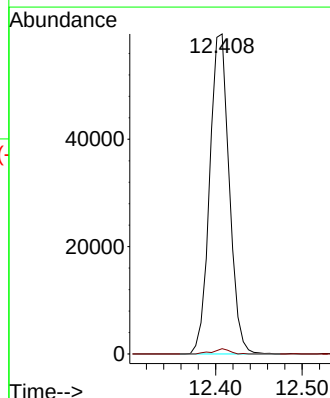
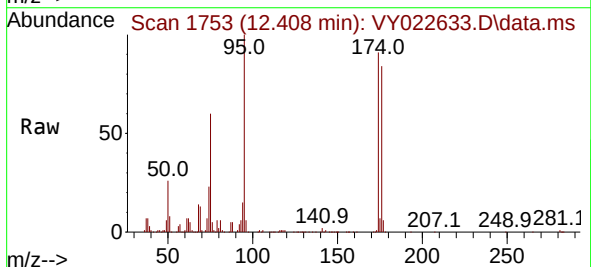
Acq: 09 Jun 2025 16:20

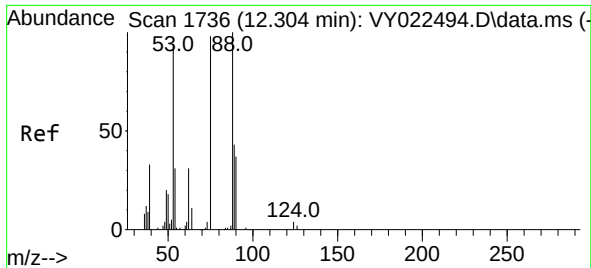
Tgt Ion: 75 Resp: 93393

Ion Ratio Lower Upper

75 100

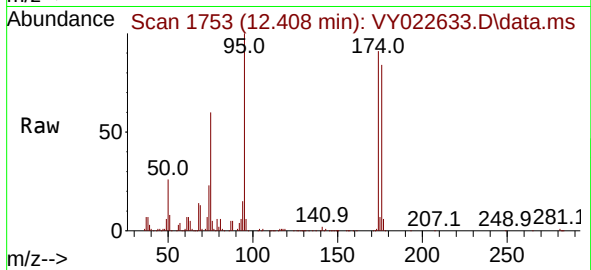
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.685 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022633.D
 Acq: 09 Jun 2025 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-VOC



Tgt Ion: 75 Resp: 93393
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 35.7 53.5#

