

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021735.D
 Acq On : 01 Apr 2025 12:36
 Operator : SY/MD
 Sample : Q1681-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC

Quant Time: Apr 02 03:22:42 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)

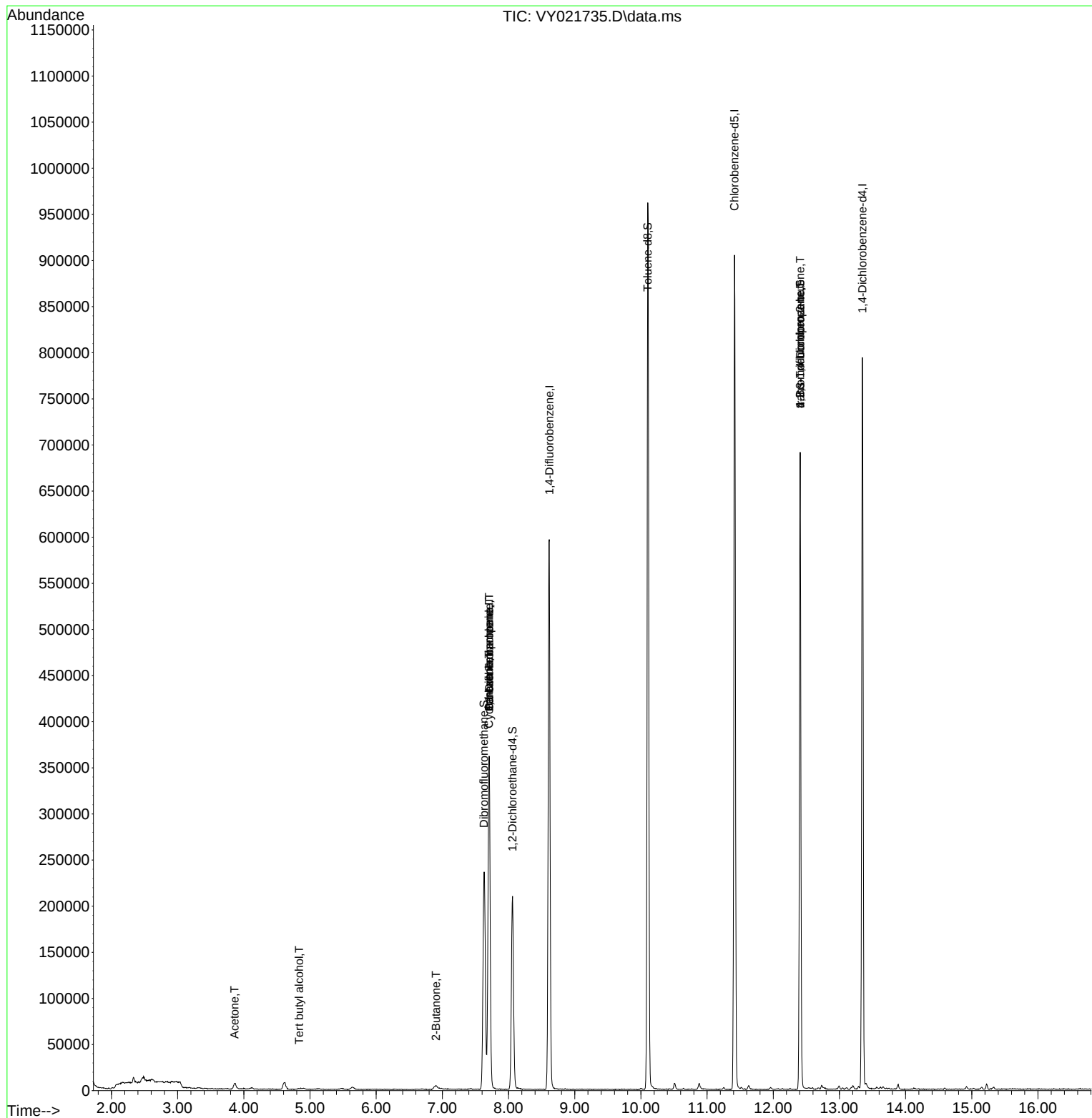
Internal Standards						
1) Pentafluorobenzene	7.707	168	269411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	507087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	471017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164405	56.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.628	113	170063	51.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.400%	
50) Toluene-d8	10.103	98	611152	48.838	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.408	95	200939	47.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	1826	9.631	ug/l #	73
16) Acetone	3.860	43	11055	18.505	ug/l	98
20) Methylene Chloride	4.616	84	5125	Below Cal	#	91
25) 2-Butanone	6.902	43	2123	2.488	ug/l	93
31) Cyclohexane	7.701	56	6042	1.173	ug/l #	9
36) 1,1-Dichloropropene	7.707	75	22314	4.454	ug/l #	50
38) Carbon Tetrachloride	7.707	117	27922	4.866	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	108018	56.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	108018	129.038	ug/l #	12

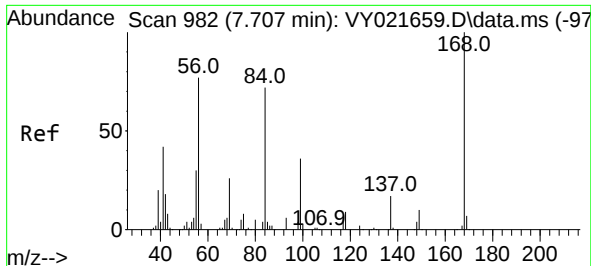
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

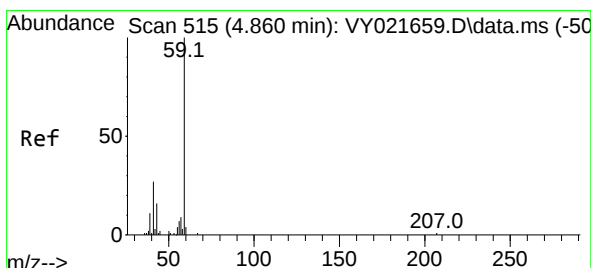
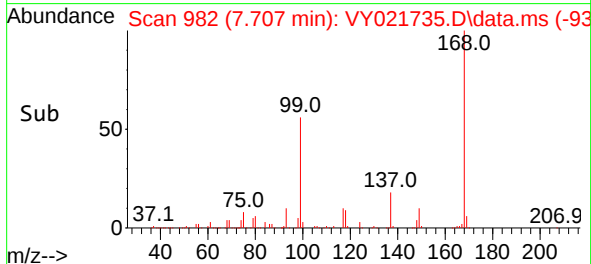
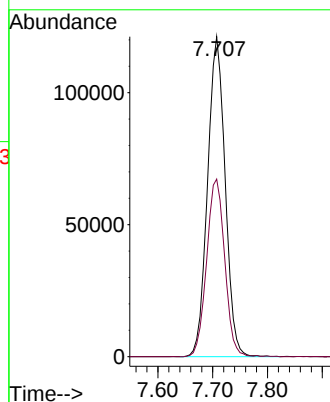
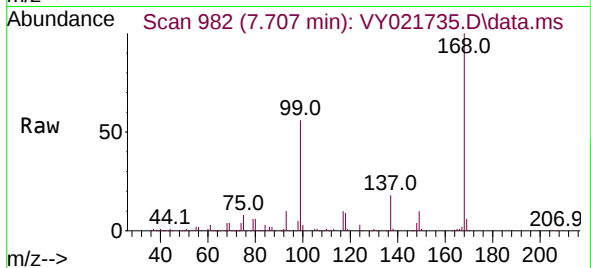




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

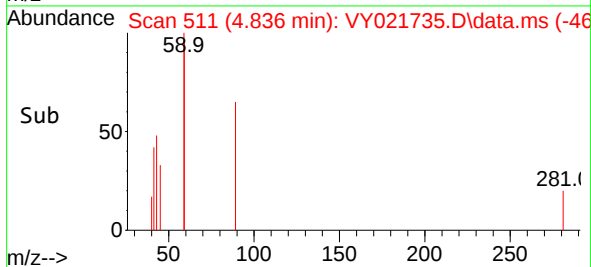
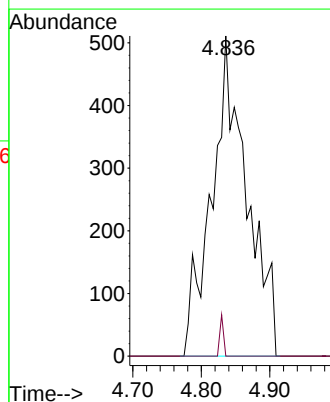
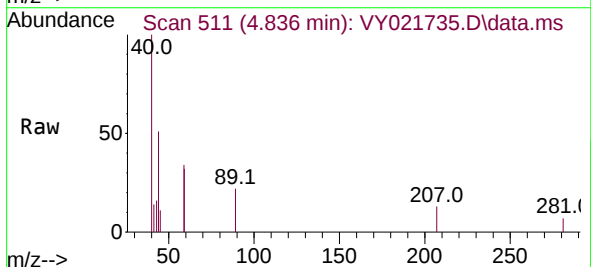
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

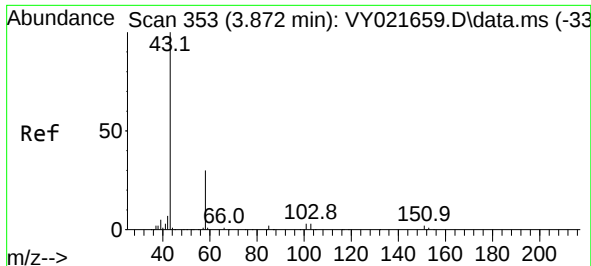
Tgt Ion:168 Resp: 269411
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#11
Tert butyl alcohol
Concen: 9.631 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 59 Resp: 1826
Ion Ratio Lower Upper
59 100
57 1.3 9.2 13.8#





#16

Acetone

Concen: 18.505 ug/l

RT: 3.860 min Scan# 3

Delta R.T. -0.012 min

Lab File: VY021735.D

Acq: 01 Apr 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

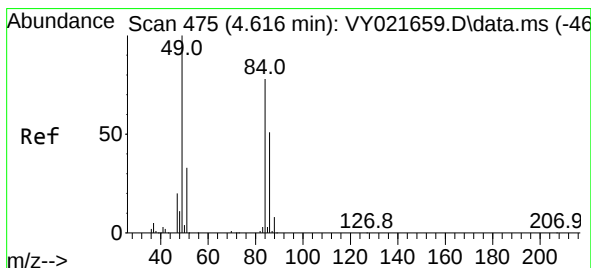
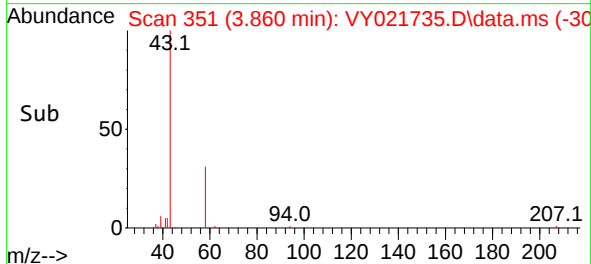
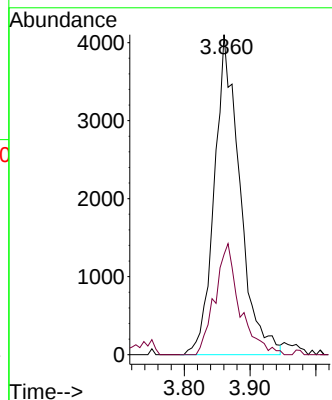
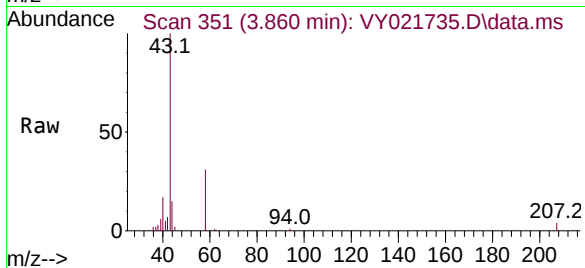
TP-12-VOC

Tgt Ion: 43 Resp: 11055

Ion Ratio Lower Upper

43 100

58 31.3 24.2 36.4



#20

Methylene Chloride

Concen: Below Cal

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021735.D

Acq: 01 Apr 2025 12:36

Tgt Ion: 84 Resp: 5125

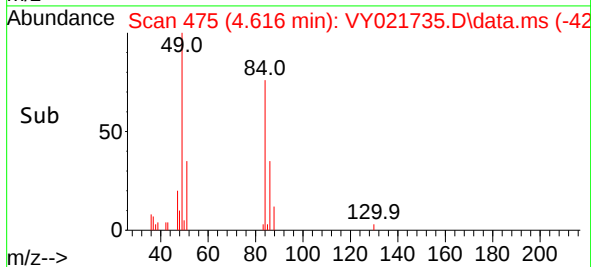
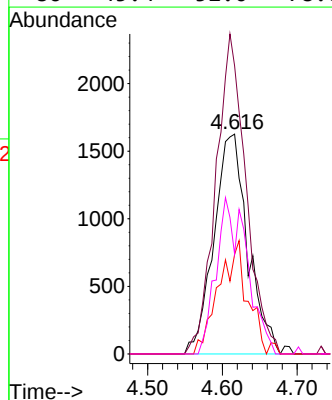
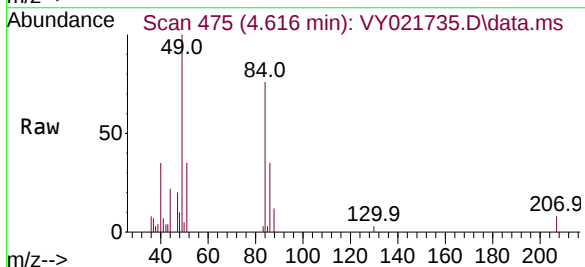
Ion Ratio Lower Upper

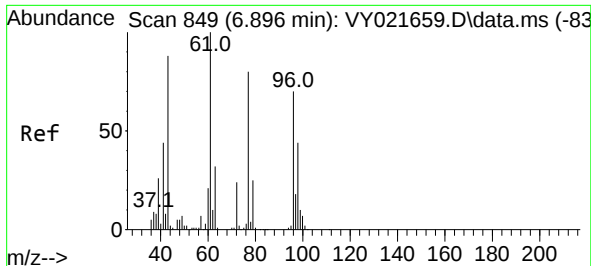
84 100

49 131.1 102.8 154.2

51 45.3 33.5 50.3

86 45.4 52.0 78.0#

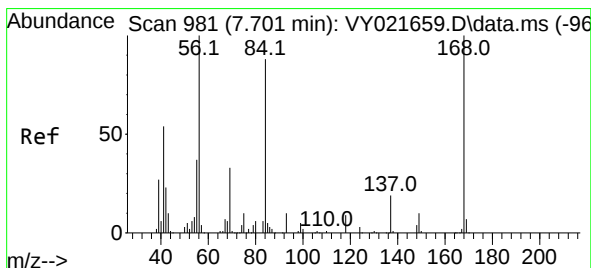
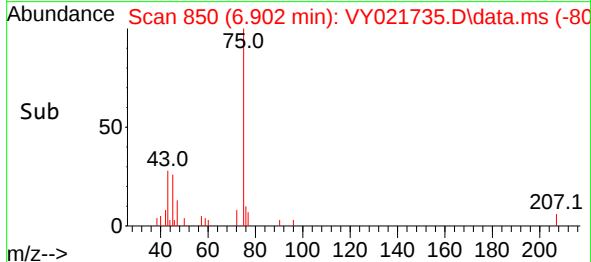
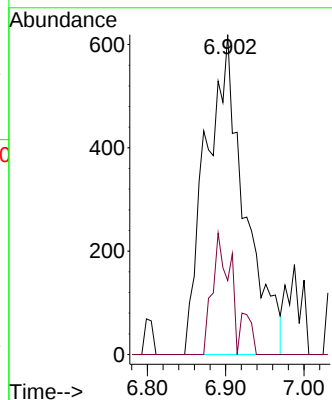
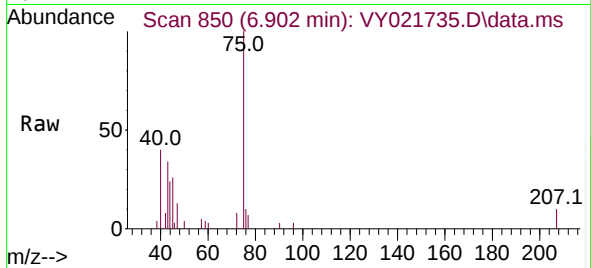




#25
2-Butanone
Concen: 2.488 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

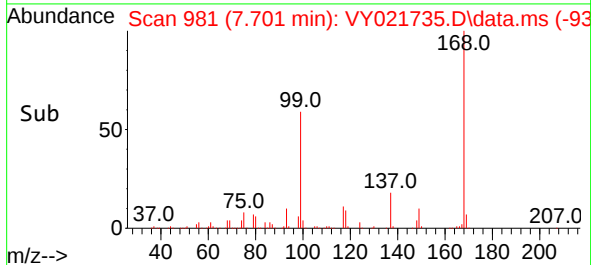
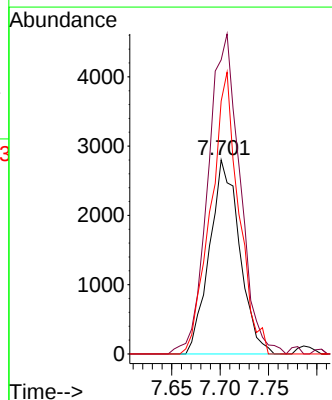
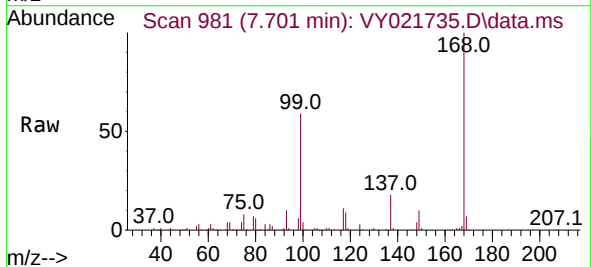
Instrument :
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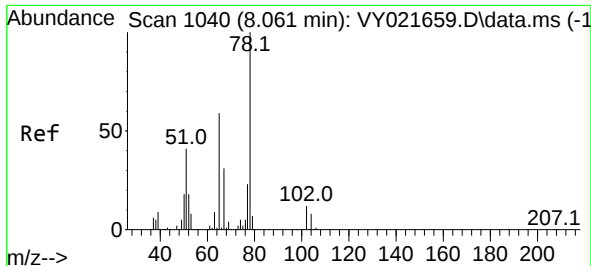
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
72 23.1 21.4 32.2



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 56 Resp: 6042
Ion Ratio Lower Upper
56 100
69 148.6 26.6 40.0#
84 130.3 69.0 103.4#

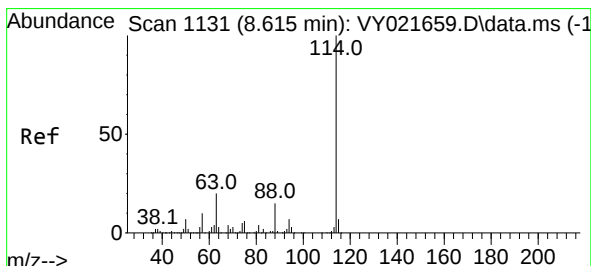
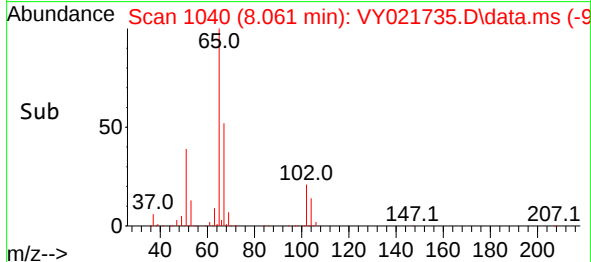
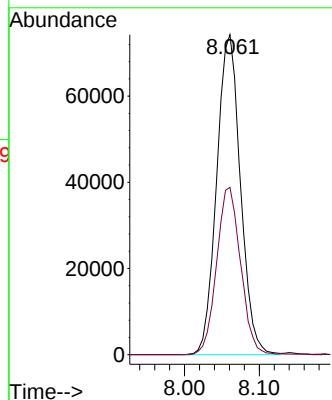
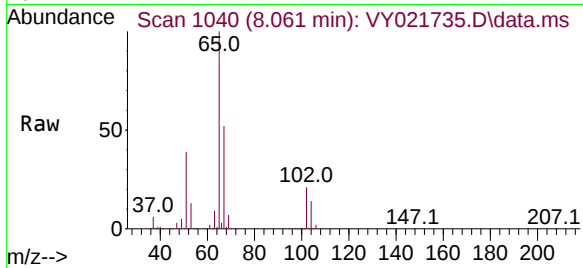




#33
 1,2-Dichloroethane-d4
 Concen: 56.323 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021735.D
 Acq: 01 Apr 2025 12:36

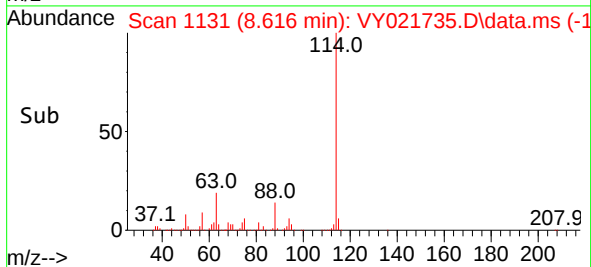
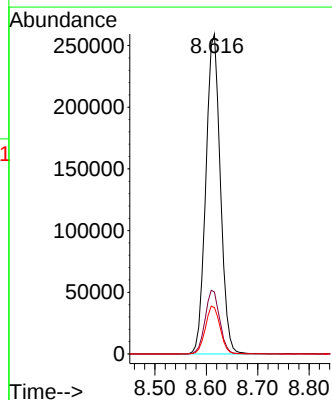
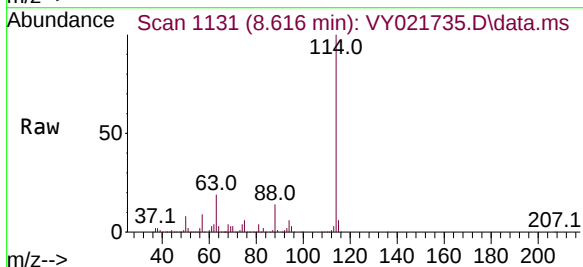
Instrument :
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 ClientSampleId :
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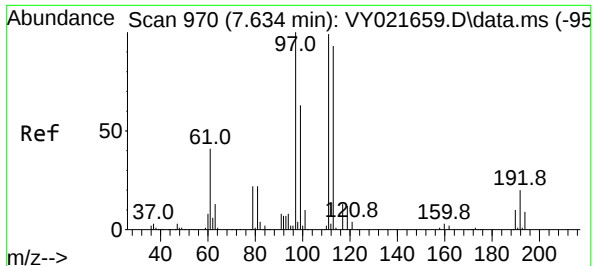
Tgt Ion: 65 Resp: 164405
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021735.D
 Acq: 01 Apr 2025 12:36

Tgt Ion: 114 Resp: 507087
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 14.5 0.0 29.8

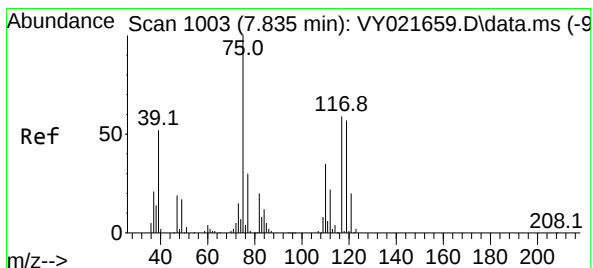
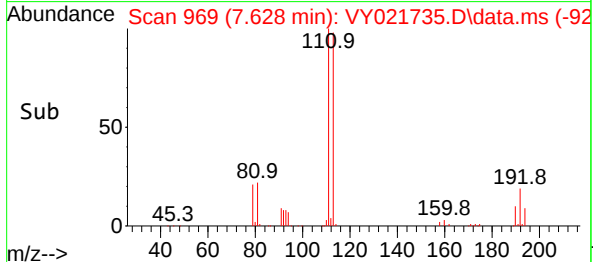
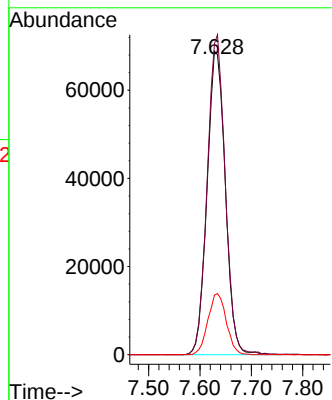
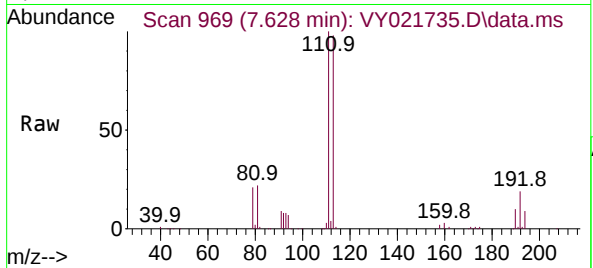




#35
Dibromofluoromethane
Concen: 51.700 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

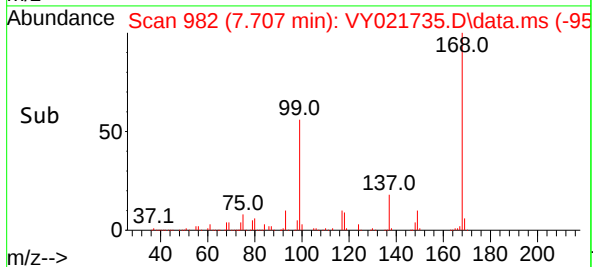
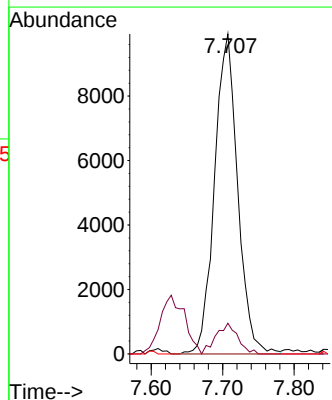
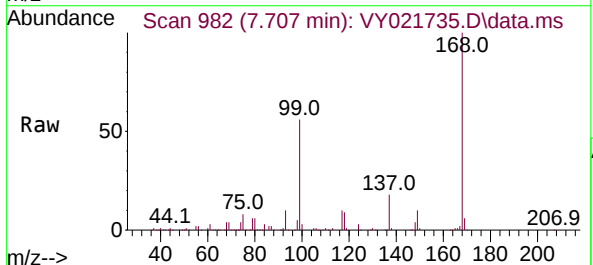
Instrument :
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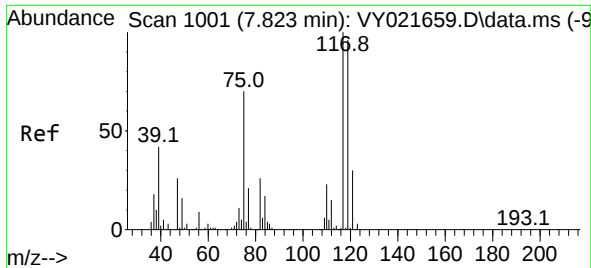
Tgt Ion:113 Resp: 170063
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.454 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 75 Resp: 22314
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.8 37.2#

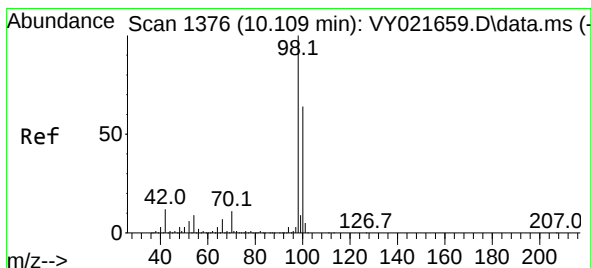
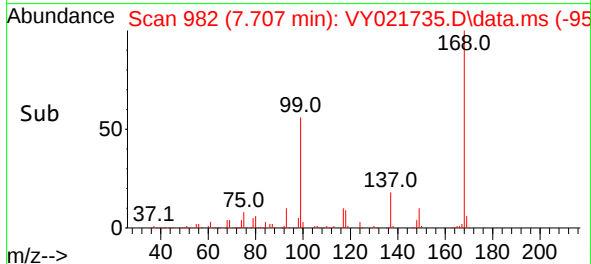
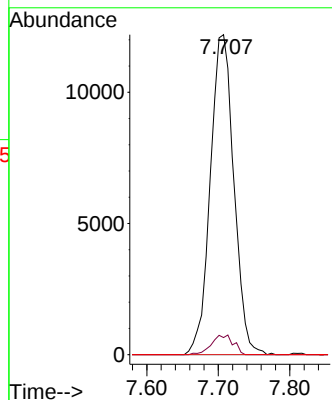
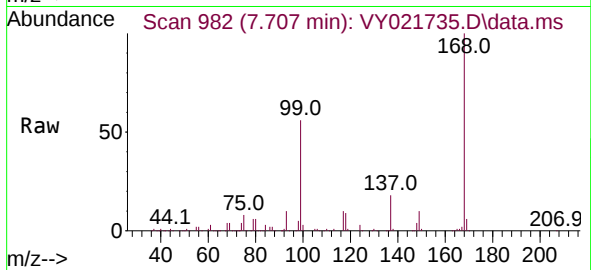




#38
Carbon Tetrachloride
Concen: 4.866 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

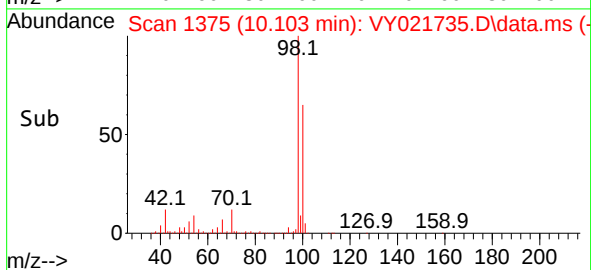
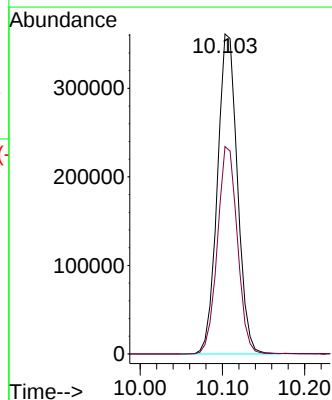
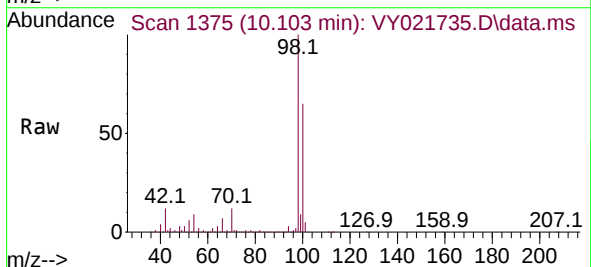
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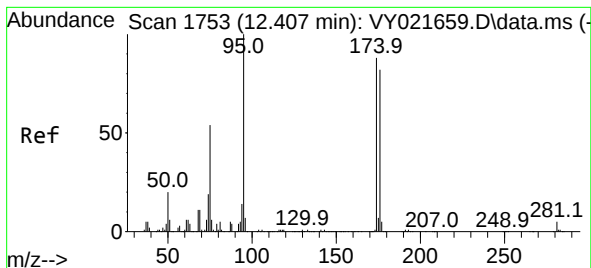
Tgt Ion:117 Resp: 27922
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 98 Resp: 611152
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

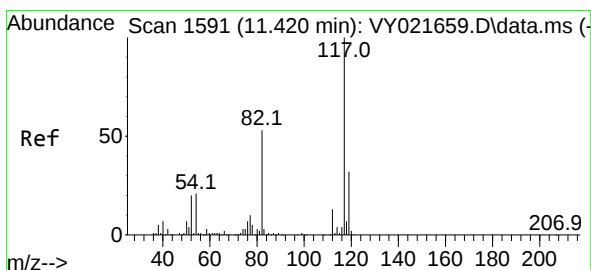
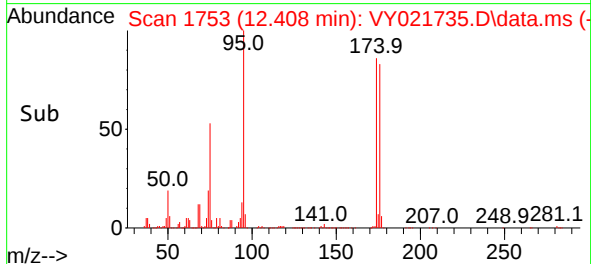
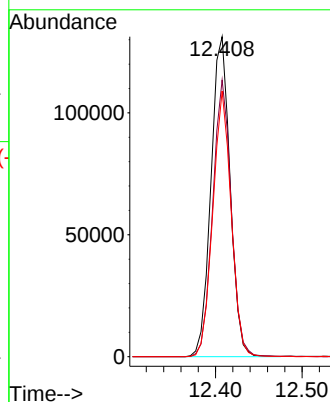
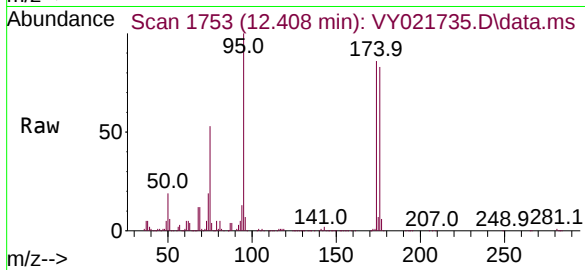




#62
4-Bromofluorobenzene
Concen: 47.472 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

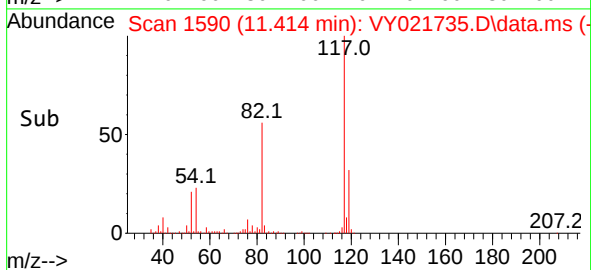
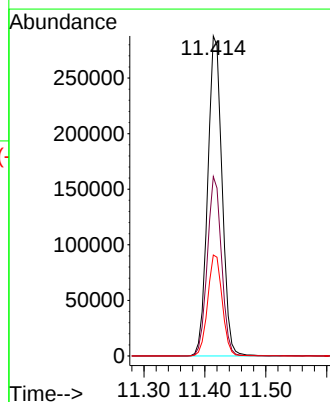
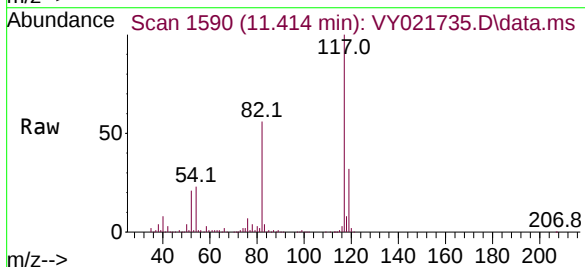
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

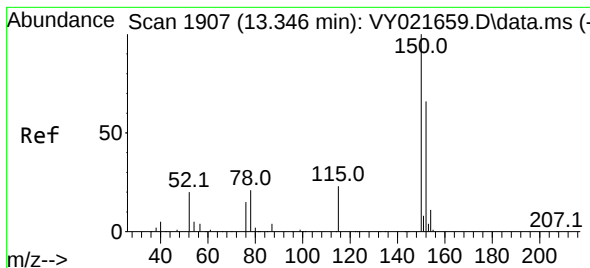
Tgt Ion: 95 Resp: 200939
Ion Ratio Lower Upper
95 100
174 84.0 0.0 170.8
176 79.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 117 Resp: 471017
Ion Ratio Lower Upper
117 100
82 56.0 42.8 64.2
119 31.6 25.7 38.5

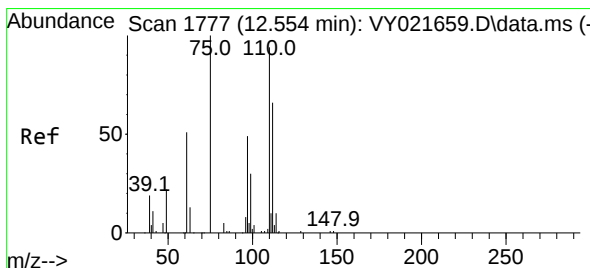
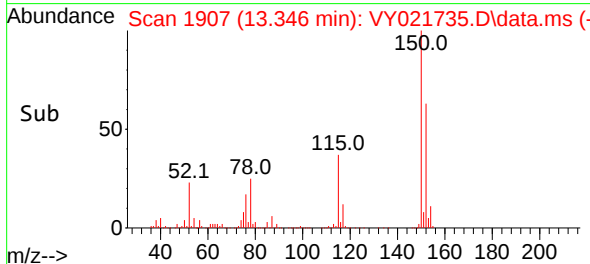
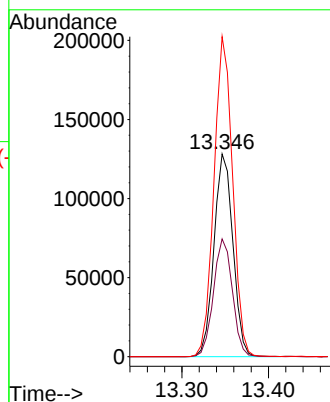
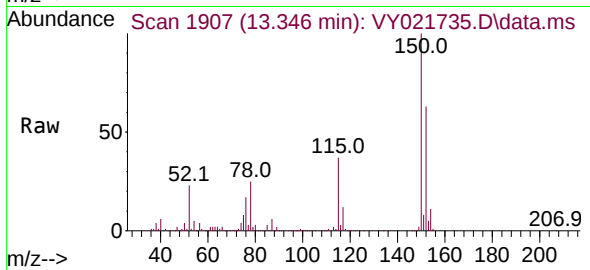




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

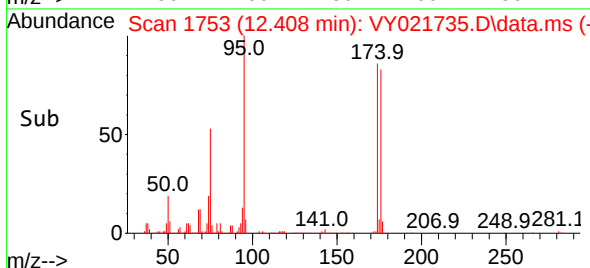
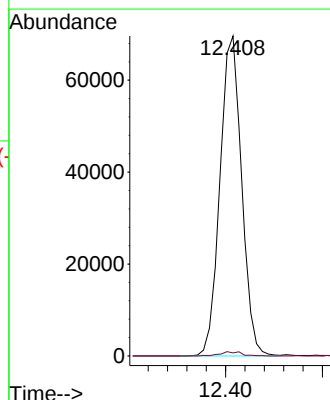
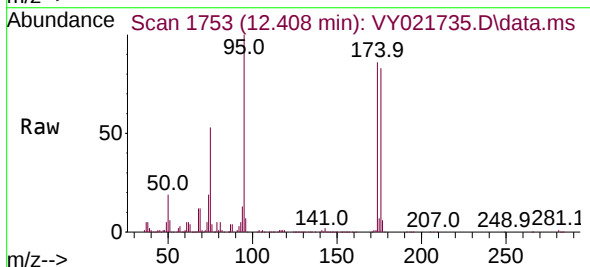
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

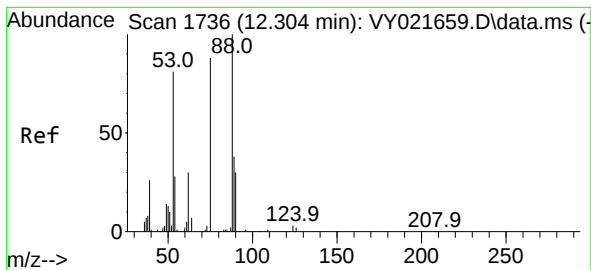
Tgt Ion:152 Resp: 194584
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 155.6 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 56.002 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 75 Resp: 108018
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.038 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021735.D
 Acq: 01 Apr 2025 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC

Tgt Ion: 75 Resp: 108018
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

