

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020625\
 Data File : VW038637.D
 Acq On : 06 Feb 2025 17:31
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 13:14:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 11 12:57:51 2025
 Response via : Initial Calibration

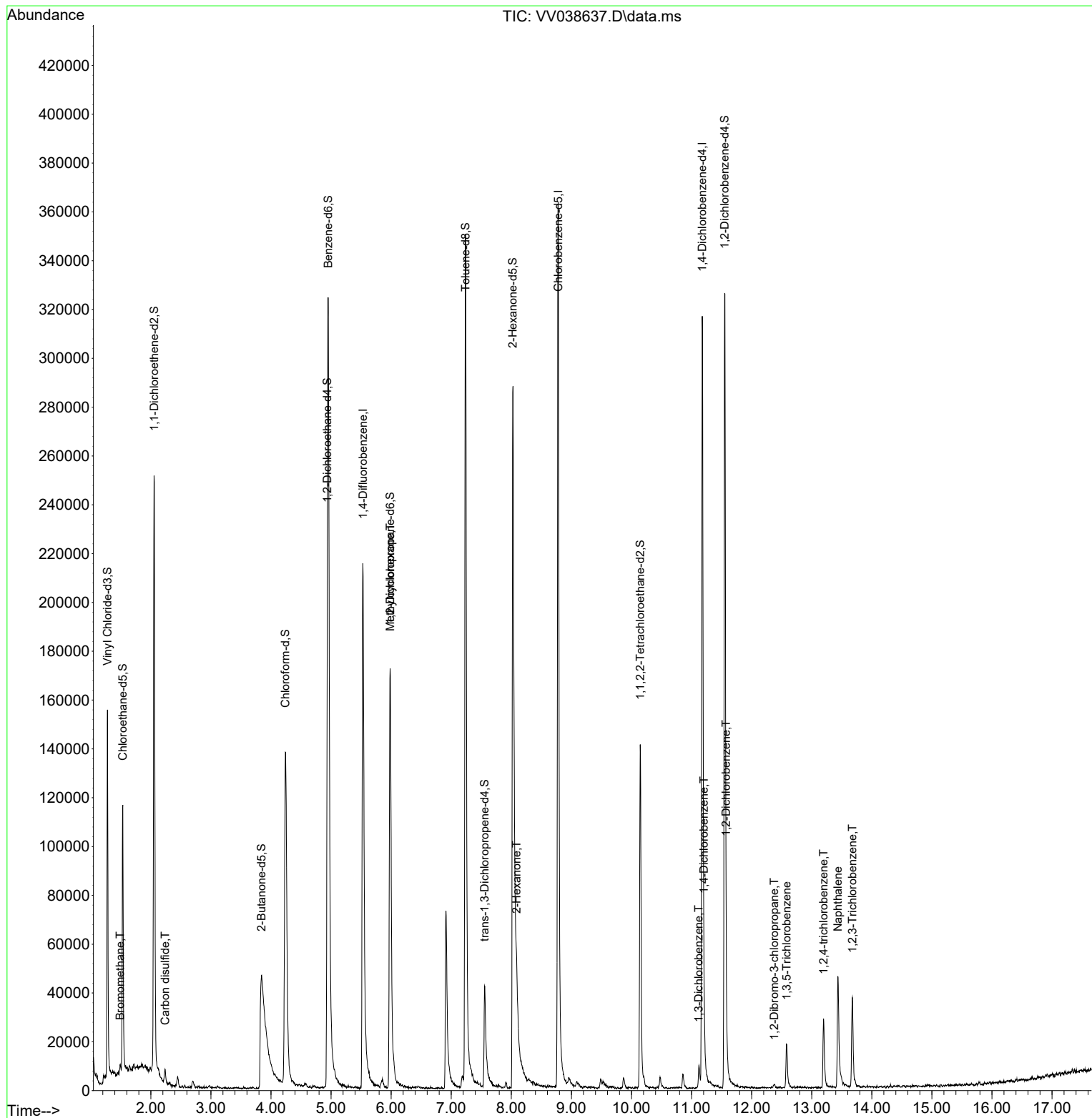
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	203956	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	212991	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	87781	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	98634	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.532	69	73402	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.053	65	41302	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	3.841	46	169664	46.33	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	4.240	84	157591	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	4.937	65	77226	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	4.953	84	304161	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	5.982	67	96977	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.236	98	250222	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloroprop...	7.555	79	32230	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.024	63	123673	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	73113	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
66) 1,2-Dichlorobenzene-d4	11.551	152	87993	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%
Target Compounds						
6) Bromomethane	1.487	94	2068	0.20	ug/L	80
14) Carbon disulfide	2.236	76	6748	0.12	ug/L	100
35) Methylcyclohexane	5.985	83	21364	0.78	ug/L #	18
48) 2-Hexanone	8.088	43	25579	3.87	ug/L #	92
64) 1,3-Dichlorobenzene	11.120	146	4424	0.15	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	6184	0.21	ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	5886	0.22	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.378	75	279	0.15	ug/L	87
69) 1,3,5-Trichlorobenzene	12.583	180	5527	0.29	ug/L #	86
70) 1,2,4-trichlorobenzene	13.197	180	9102	0.63	ug/L	97
71) Naphthalene	13.435	128	45584	1.99	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.676	180	12139	0.91	ug/L	99

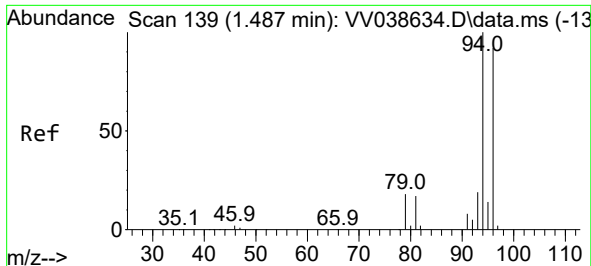
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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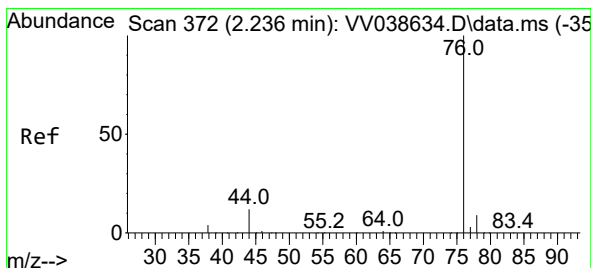
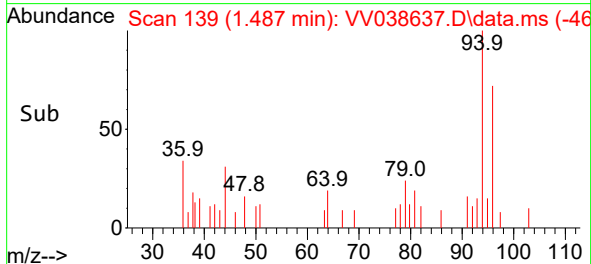
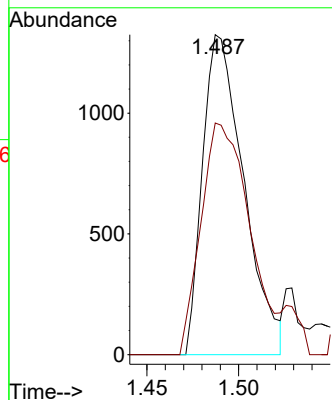
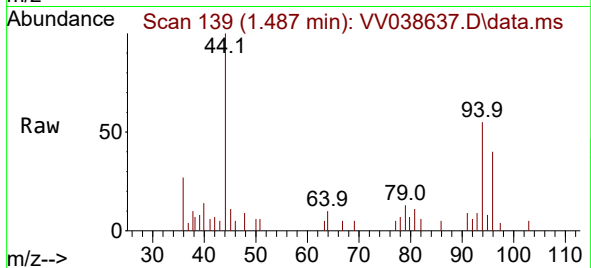




#6
Bromomethane
Concen: 0.20 ug/L
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038637.D
Acq: 06 Feb 2025 17:31

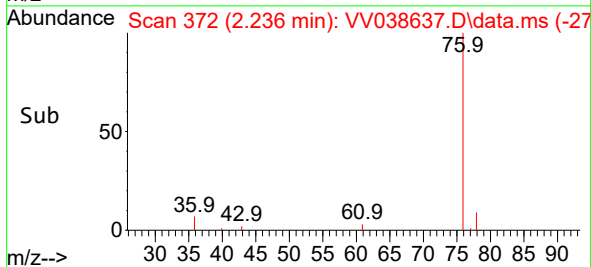
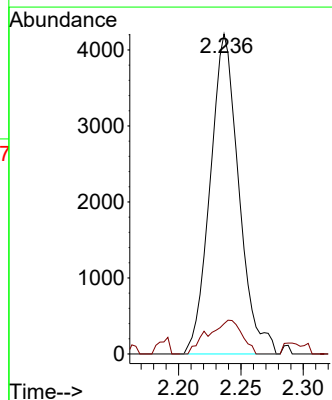
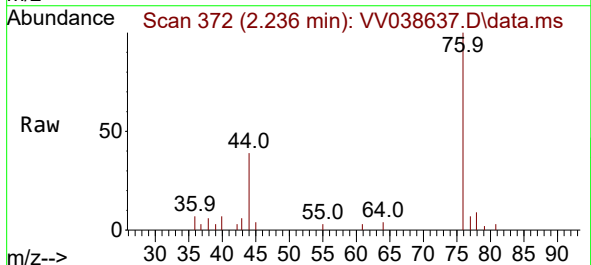
Instrument :
MSVOA_V
ClientSampleId :

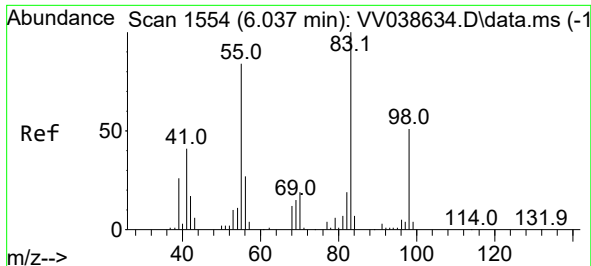
Tgt Ion: 94 Resp: 2068
Ion Ratio Lower Upper
94 100
96 72.4 64.3 119.3



#14
Carbon disulfide
Concen: 0.12 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV038637.D
Acq: 06 Feb 2025 17:31

Tgt Ion: 76 Resp: 6748
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3





#35

Methylcyclohexane

Concen: 0.78 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.052 min

Lab File: VV038637.D

Acq: 06 Feb 2025 17:31

Instrument :

MSVOA_V

ClientSampleId :

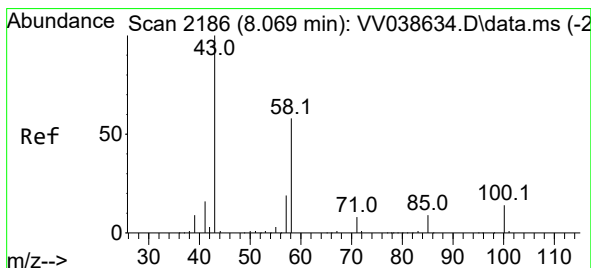
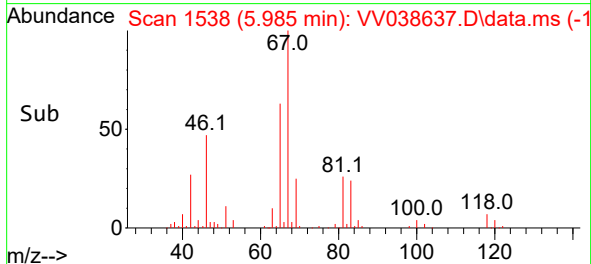
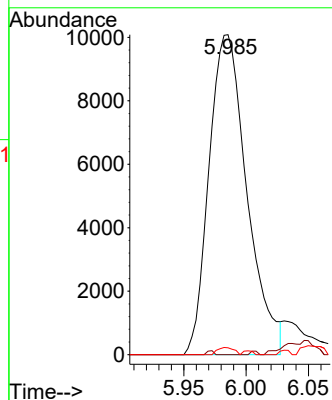
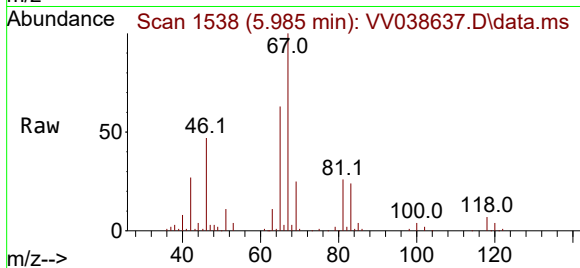
Tgt Ion: 83 Resp: 21364

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

98 1.0 38.7 58.1#



#48

2-Hexanone

Concen: 3.87 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.019 min

Lab File: VV038637.D

Acq: 06 Feb 2025 17:31

Tgt Ion: 43 Resp: 25579

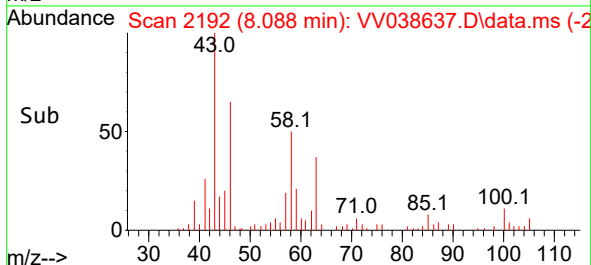
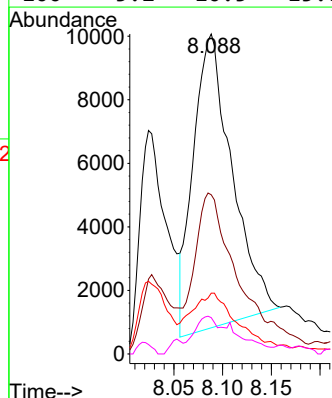
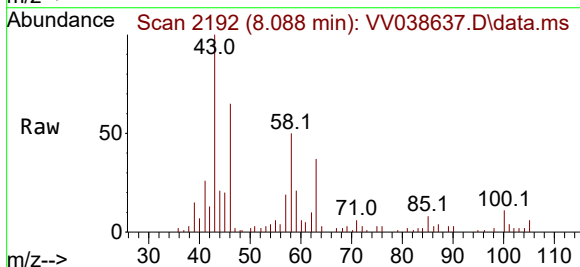
Ion Ratio Lower Upper

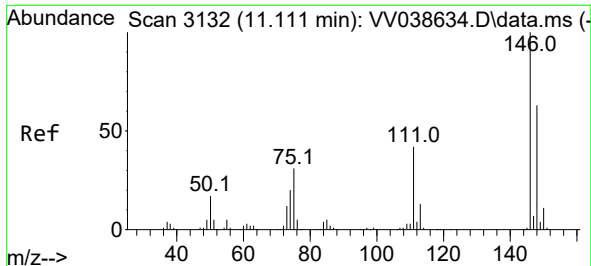
43 100

58 59.0 46.1 69.1

57 27.3 15.0 22.6#

100 5.2 10.5 15.7#

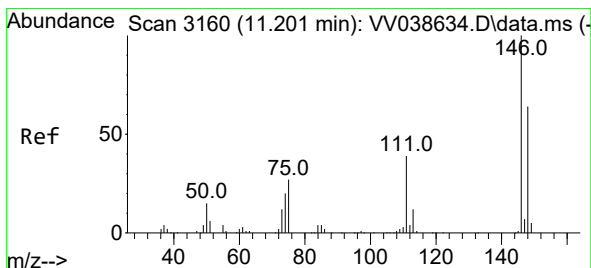
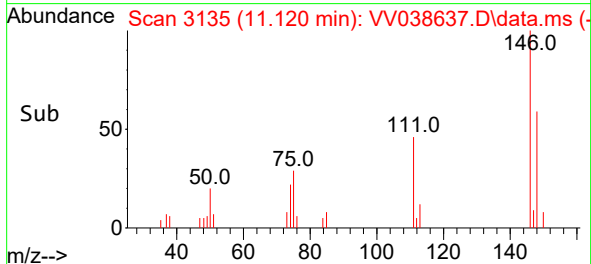
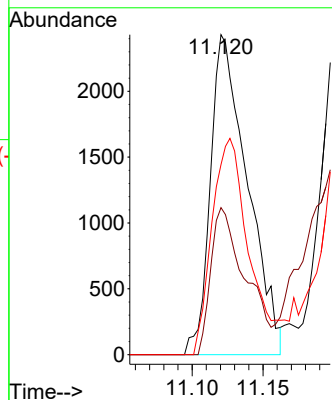
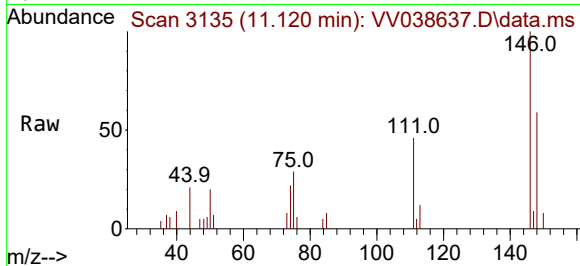




#64
1,3-Dichlorobenzene
Concen: 0.15 ug/L
RT: 11.120 min Scan# 3132
Delta R.T. 0.009 min
Lab File: VV038637.D
Acq: 06 Feb 2025 17:31

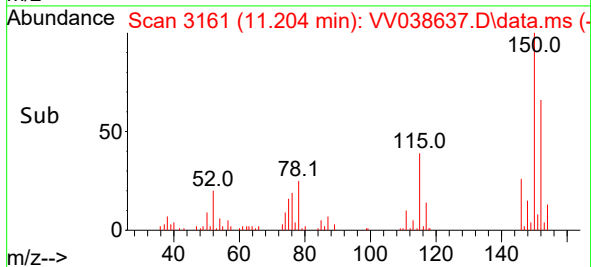
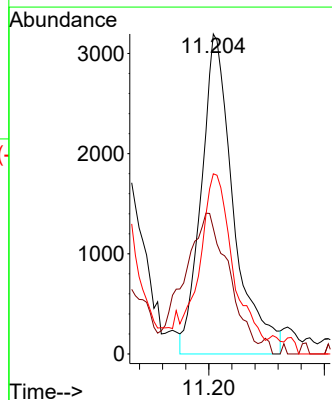
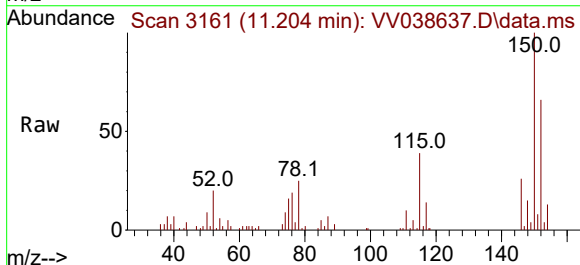
Instrument :
MSVOA_V
ClientSampleId :

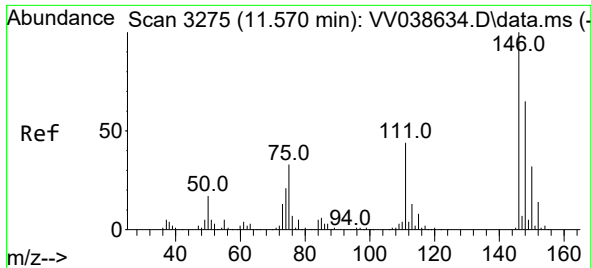
Tgt Ion:146 Resp: 4424
Ion Ratio Lower Upper
146 100
111 46.0 29.0 53.9
148 59.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.21 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038637.D
Acq: 06 Feb 2025 17:31

Tgt Ion:146 Resp: 6184
Ion Ratio Lower Upper
146 100
111 39.2 27.7 51.5
148 56.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 0.22 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.004 min

Lab File: VV038637.D

Acq: 06 Feb 2025 17:31

Instrument :

MSVOA_V

ClientSampleId :

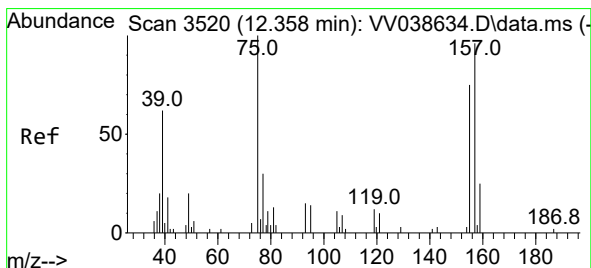
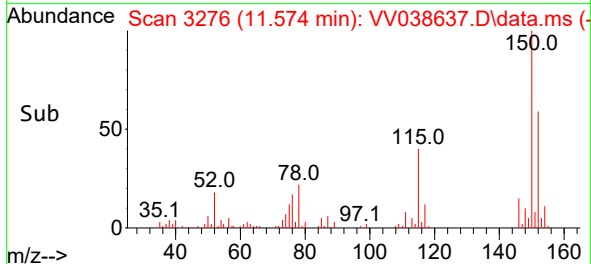
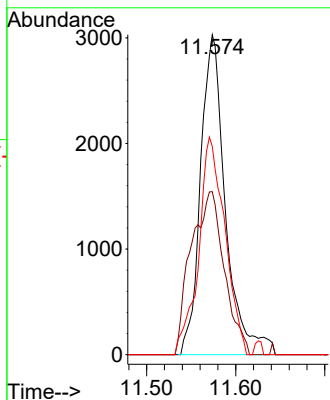
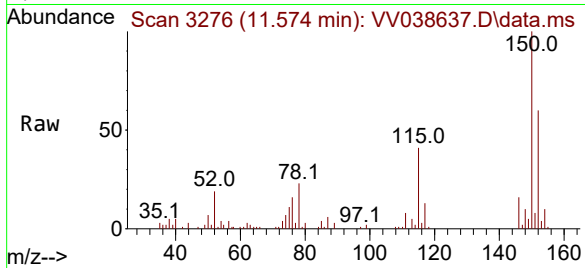
Tgt Ion:146 Resp: 5886

Ion Ratio Lower Upper

146 100

111 51.0 35.4 53.0

148 65.1 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.15 ug/L

RT: 12.378 min Scan# 3526

Delta R.T. 0.019 min

Lab File: VV038637.D

Acq: 06 Feb 2025 17:31

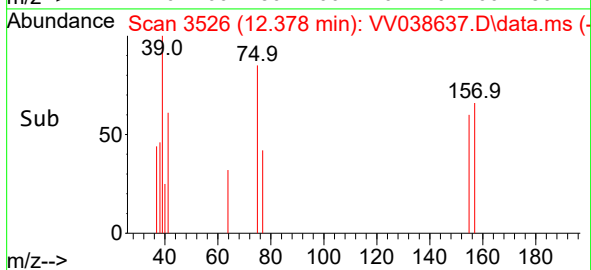
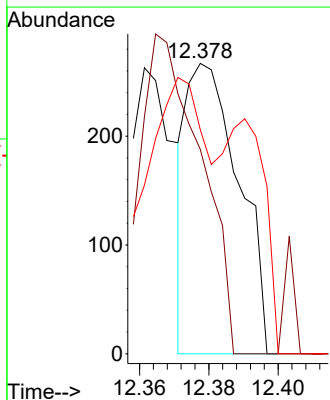
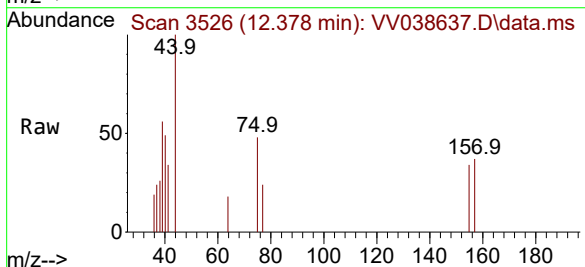
Tgt Ion: 75 Resp: 279

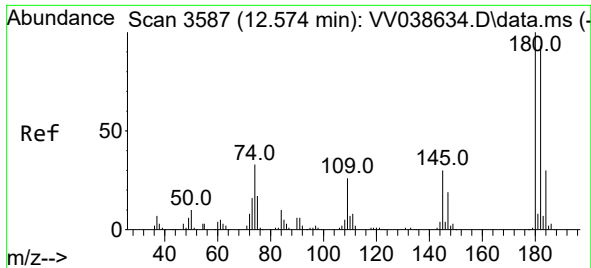
Ion Ratio Lower Upper

75 100

155 70.4 60.3 90.5

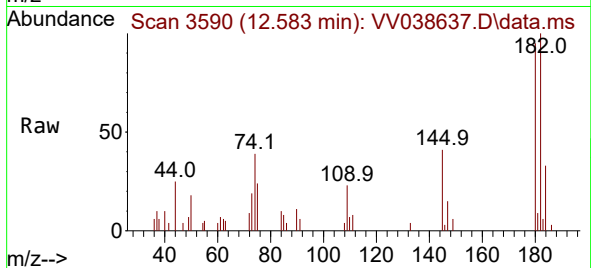
157 77.2 76.9 115.3



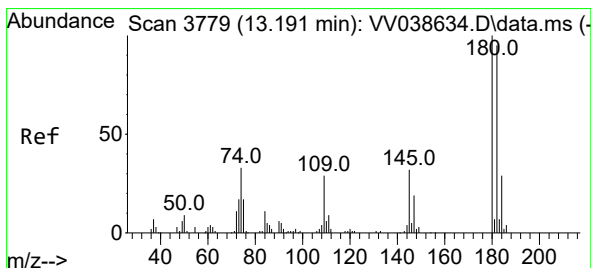
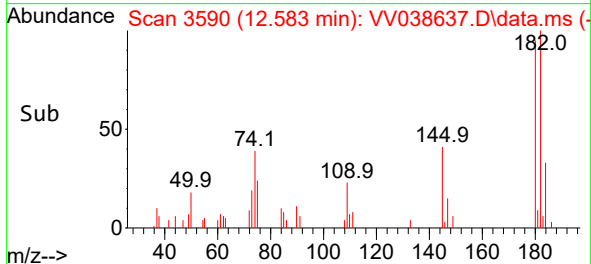
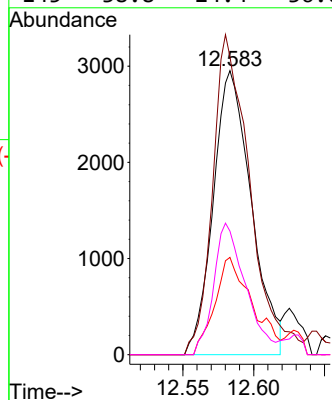


#69
1,3,5-Trichlorobenzene
Concen: 0.29 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.009 min
Lab File: VV038637.D
Acq: 06 Feb 2025 17:31

Instrument :
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ClientSampleId :

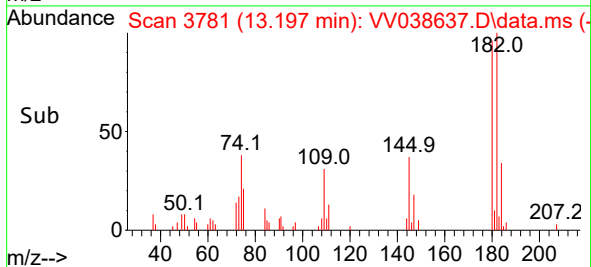
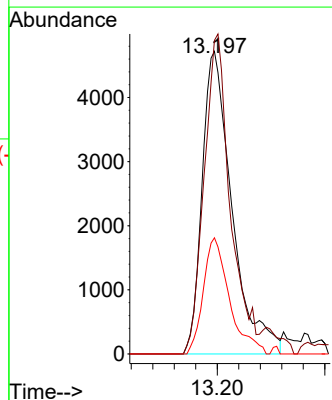
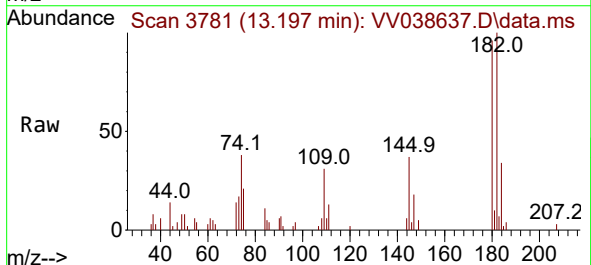


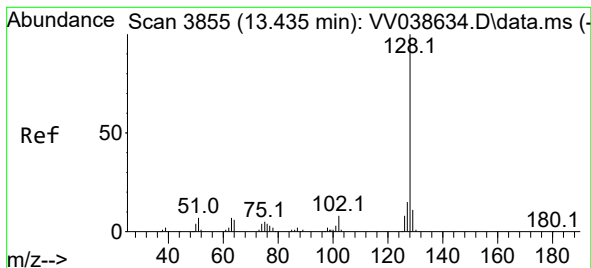
Tgt Ion:180 Resp: 5527
Ion Ratio Lower Upper
180 100
182 110.0 75.6 113.4
184 33.8 24.1 36.1
145 38.8 24.4 36.6#



#70
1,2,4-trichlorobenzene
Concen: 0.63 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.006 min
Lab File: VV038637.D
Acq: 06 Feb 2025 17:31

Tgt Ion:180 Resp: 9102
Ion Ratio Lower Upper
180 100
182 92.4 76.6 115.0
145 33.6 26.0 39.0





#71

Naphthalene

Concen: 1.99 ug/L

RT: 13.435 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV038637.D

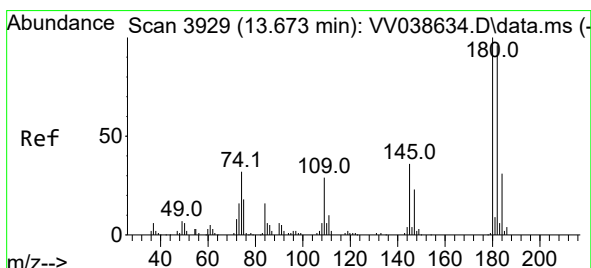
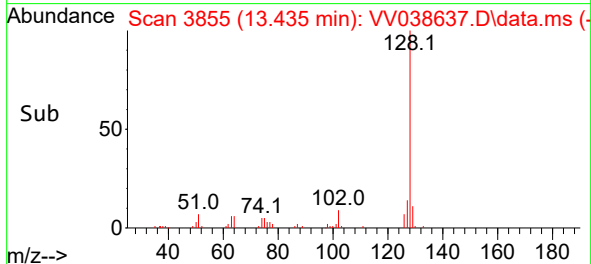
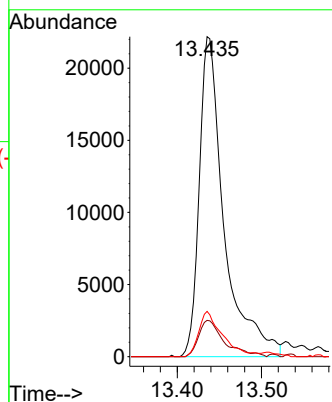
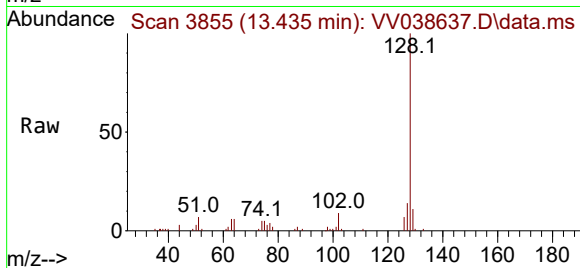
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Tgt Ion:	128	Resp:	45584
Ion Ratio	Lower	Upper	
128	100		
129	11.7	7.6	11.4#
127	13.5	10.9	16.3



#72

1,2,3-Trichlorobenzene

Concen: 0.91 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV038637.D

Acq: 06 Feb 2025 17:31

Tgt Ion:	180	Resp:	12139
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.0	114.0
145	34.7	28.4	42.6

