

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038172.D
 Acq On : 19 Nov 2024 12:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 22:39:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:27:08 2024
 Response via : Initial Calibration

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

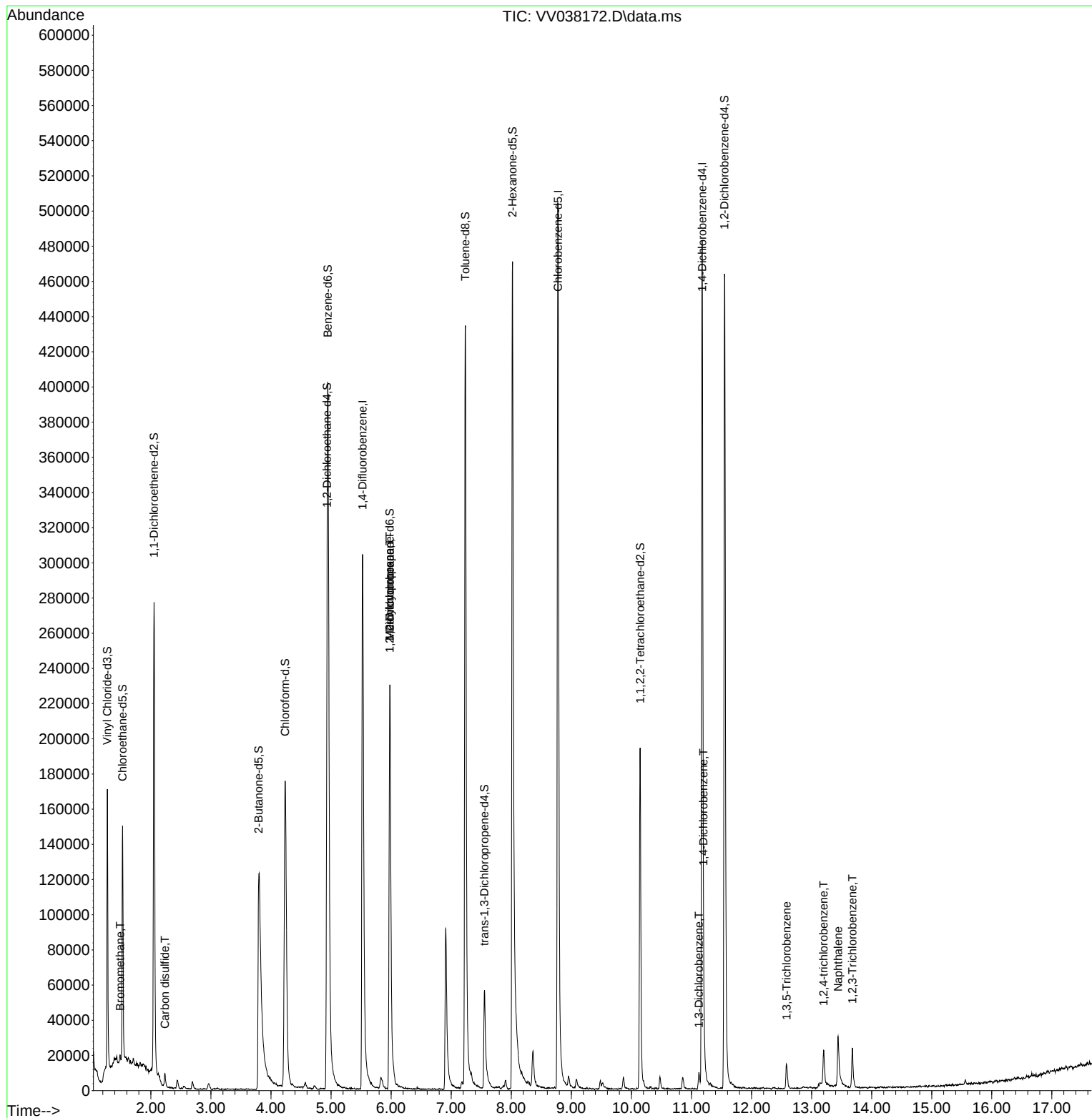
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	300363	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	307730	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	141090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	101940	4.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.529	69	89238	4.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.053	65	44272	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.796	46	229332	49.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.580%
24) Chloroform-d	4.236	84	200976	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.934	65	101407	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.947	84	388189	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.979	67	120473	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.236	98	317545	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.555	79	41495	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.021	63	198566	56.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	98314	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	132363	5.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						Qvalue
6) Bromomethane	1.487	94	1941	0.180	ug/L	88
14) Carbon disulfide	2.233	76	8995	0.130	ug/L	100
35) Methylcyclohexane	5.979	83	31842	0.955	ug/L #	19
37) 1,2-Dichloropropane	5.976	63	13039	0.602	ug/L #	86
64) 1,3-Dichlorobenzene	11.124	146	4743	0.109	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	5751	0.130	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.583	180	5281	0.171	ug/L #	88
70) 1,2,4-trichlorobenzene	13.201	180	7402	0.290	ug/L	97
71) Naphthalene	13.442	128	30816	0.775	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	8139	0.345	ug/L	99

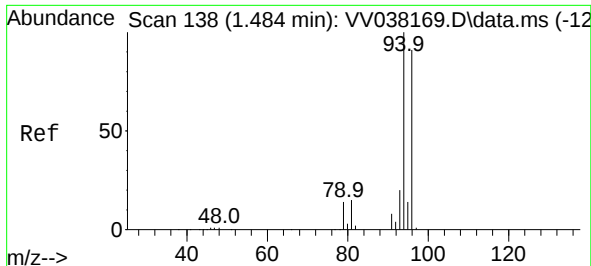
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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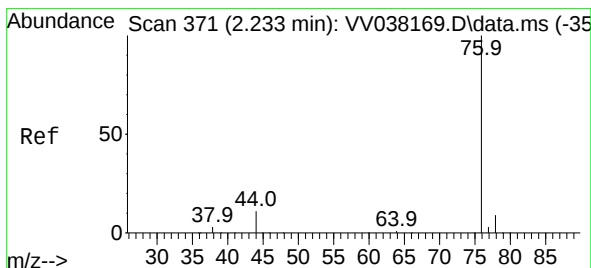
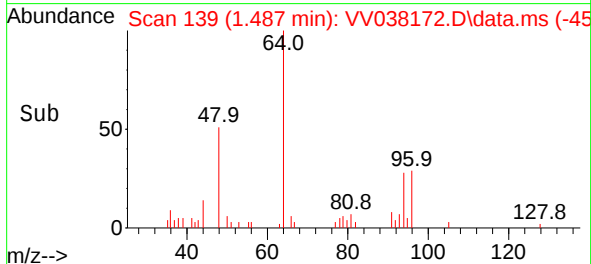
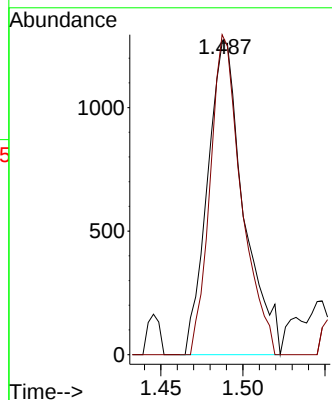
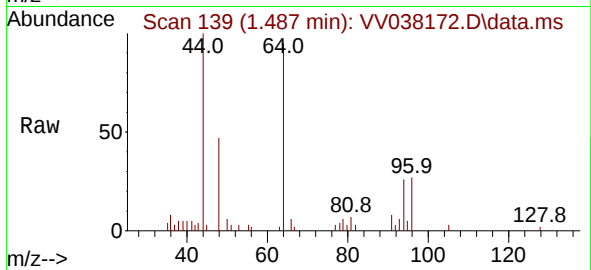




#6
Bromomethane
Concen: 0.180 ug/L
RT: 1.487 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038172.D
Acq: 19 Nov 2024 12:02

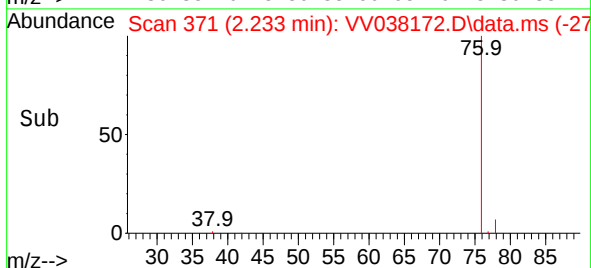
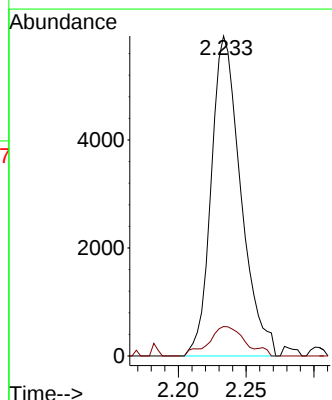
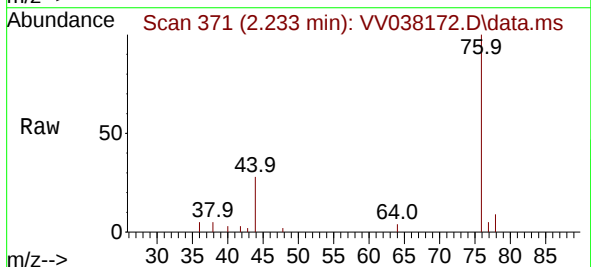
Instrument :
MSVOA_V
ClientSampleId :

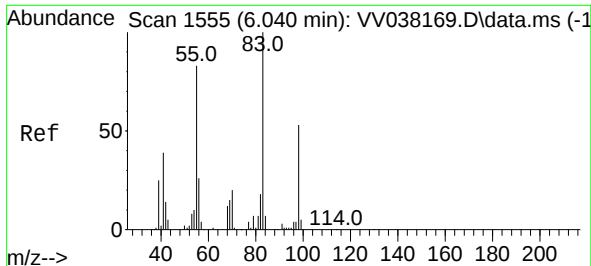
Tgt Ion: 94 Resp: 1941
Ion Ratio Lower Upper
94 100
96 102.6 63.7 118.3



#14
Carbon disulfide
Concen: 0.130 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV038172.D
Acq: 19 Nov 2024 12:02

Tgt Ion: 76 Resp: 8995
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 5.979 min Scan# 1536

Delta R.T. -0.061 min

Lab File: VV038172.D

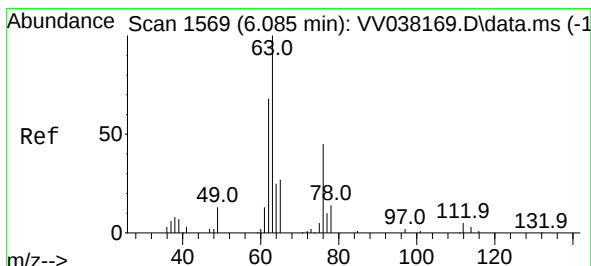
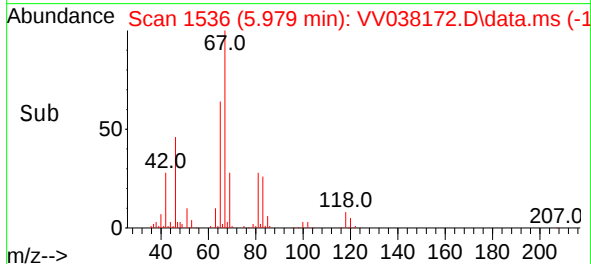
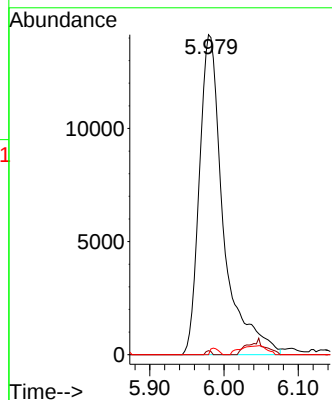
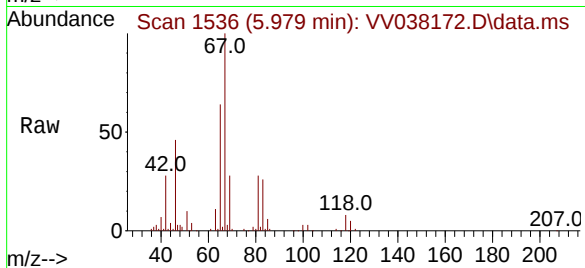
Acq: 19 Nov 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	31842
Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	0.7	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

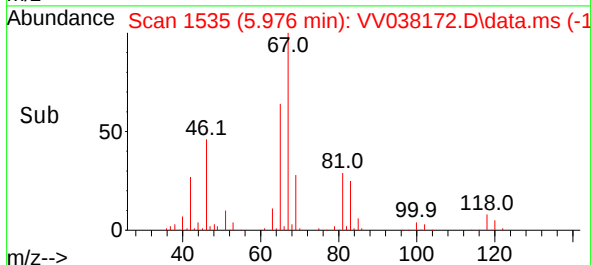
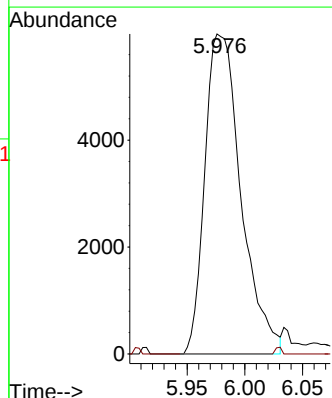
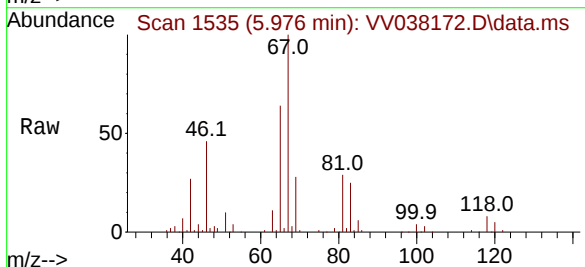
RT: 5.976 min Scan# 1535

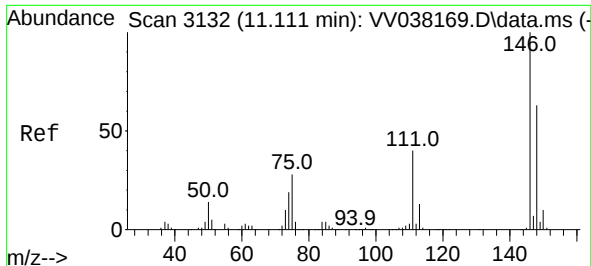
Delta R.T. -0.109 min

Lab File: VV038172.D

Acq: 19 Nov 2024 12:02

Tgt Ion:	63	Resp:	13039
Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.9	5.9#





#64

1,3-Dichlorobenzene

Concen: 0.109 ug/L

RT: 11.124 min Scan# 3132

Delta R.T. 0.013 min

Lab File: VV038172.D

Acq: 19 Nov 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

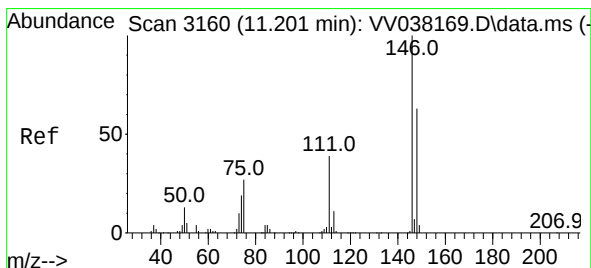
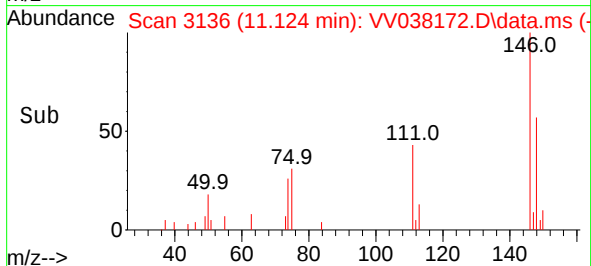
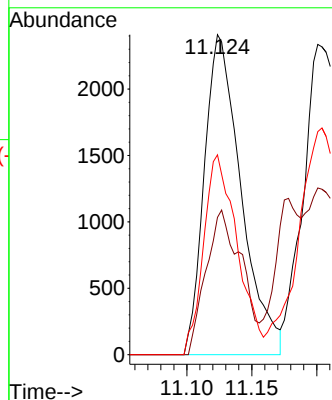
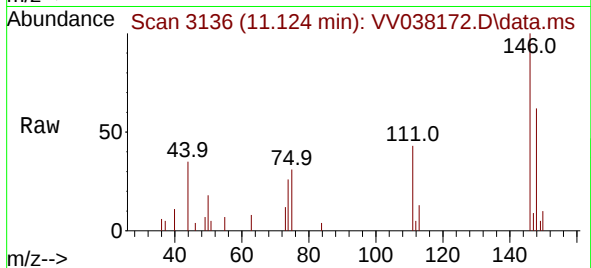
Tgt Ion:146 Resp: 4743

Ion Ratio Lower Upper

146 100

111 42.9 28.2 52.4

148 62.4 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 0.130 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038172.D

Acq: 19 Nov 2024 12:02

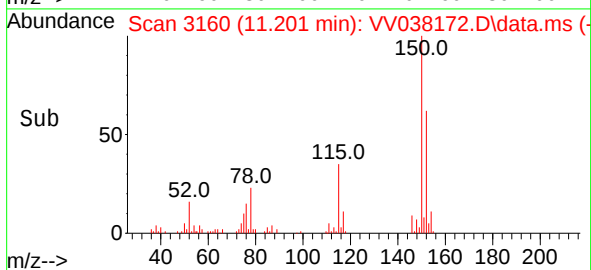
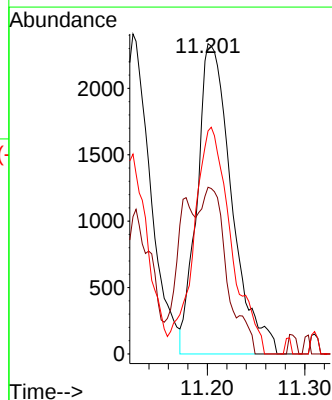
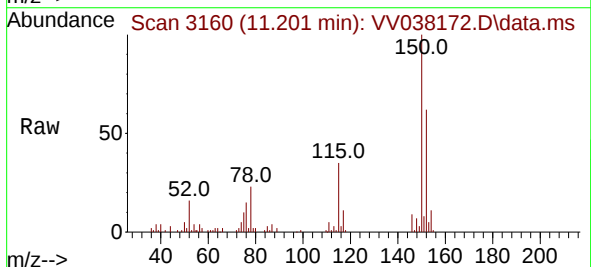
Tgt Ion:146 Resp: 5751

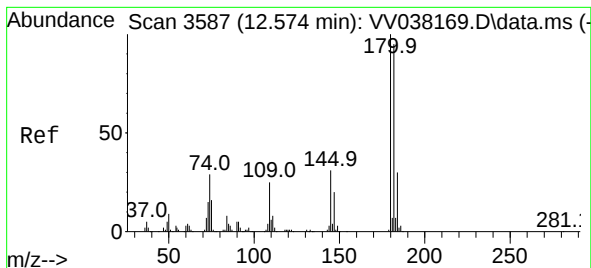
Ion Ratio Lower Upper

146 100

111 53.8 27.4 50.8#

148 71.9 44.4 82.4





#69

1,3,5-Trichlorobenzene

Concen: 0.171 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.010 min

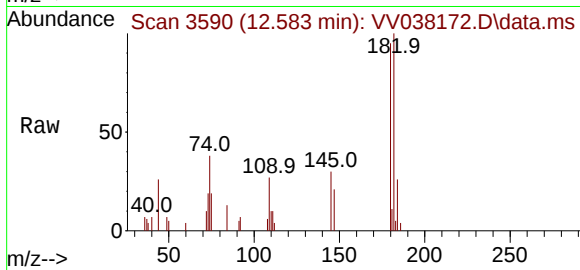
Lab File: VV038172.D

Acq: 19 Nov 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5281

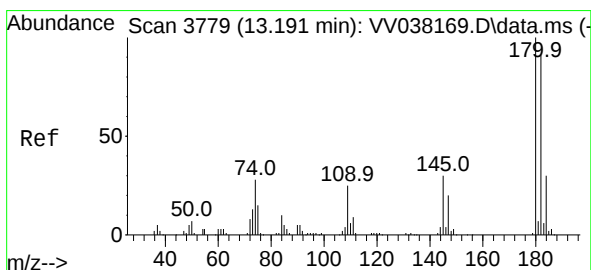
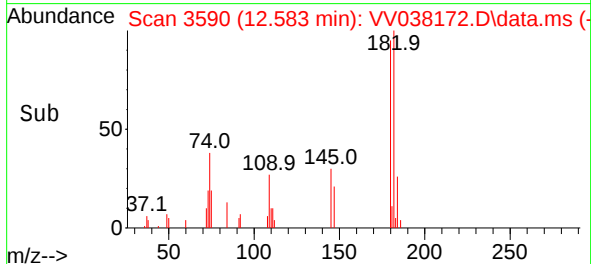
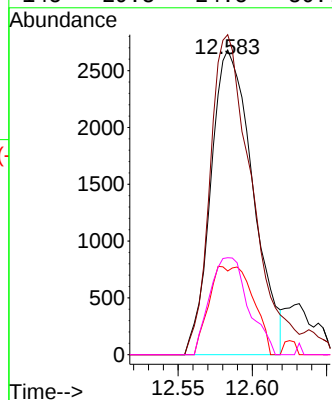
Ion Ratio Lower Upper

180 100

182 104.4 76.0 114.0

184 13.9 23.7 35.5#

145 29.3 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.290 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV038172.D

Acq: 19 Nov 2024 12:02

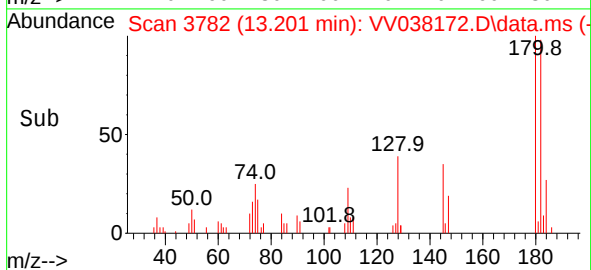
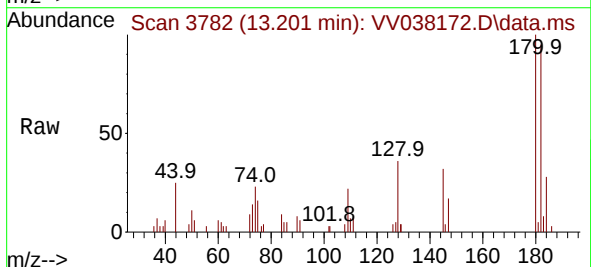
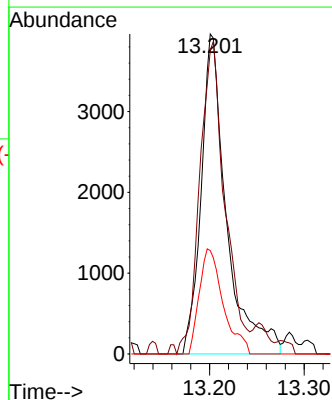
Tgt Ion:180 Resp: 7402

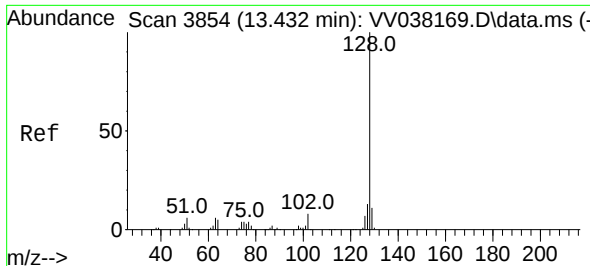
Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.8

145 30.7 24.6 37.0

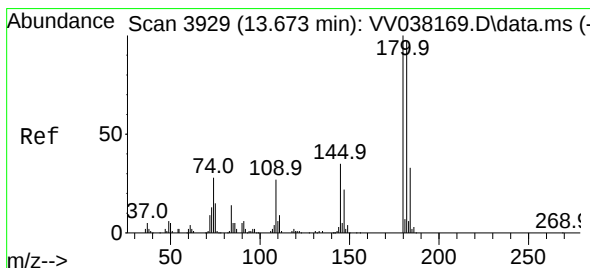
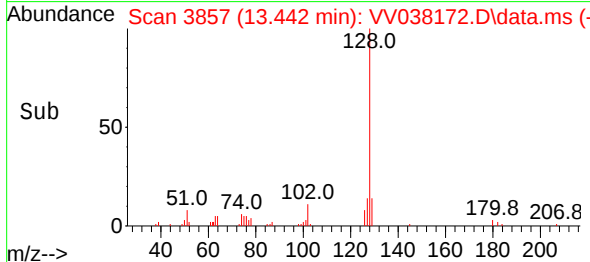
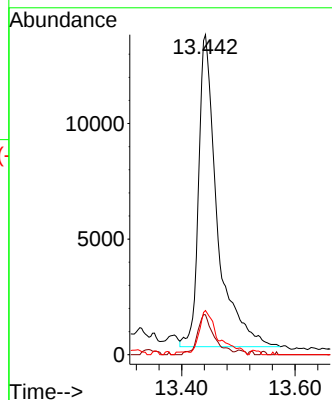
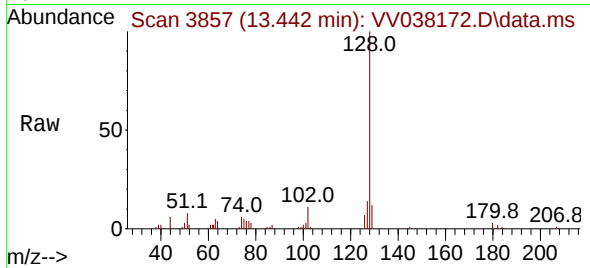




#71
Naphthalene
Concen: 0.775 ug/L
RT: 13.442 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VV038172.D
Acq: 19 Nov 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 30816
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 14.4 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 0.345 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.007 min
Lab File: VV038172.D
Acq: 19 Nov 2024 12:02

Tgt Ion:180 Resp: 8139
Ion Ratio Lower Upper
180 100
182 93.3 75.1 112.7
145 34.0 27.0 40.4

