

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023427.D
 Acq On : 12 Nov 2021 08:11
 Operator : SY/MD
 Sample : M4580-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:09:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

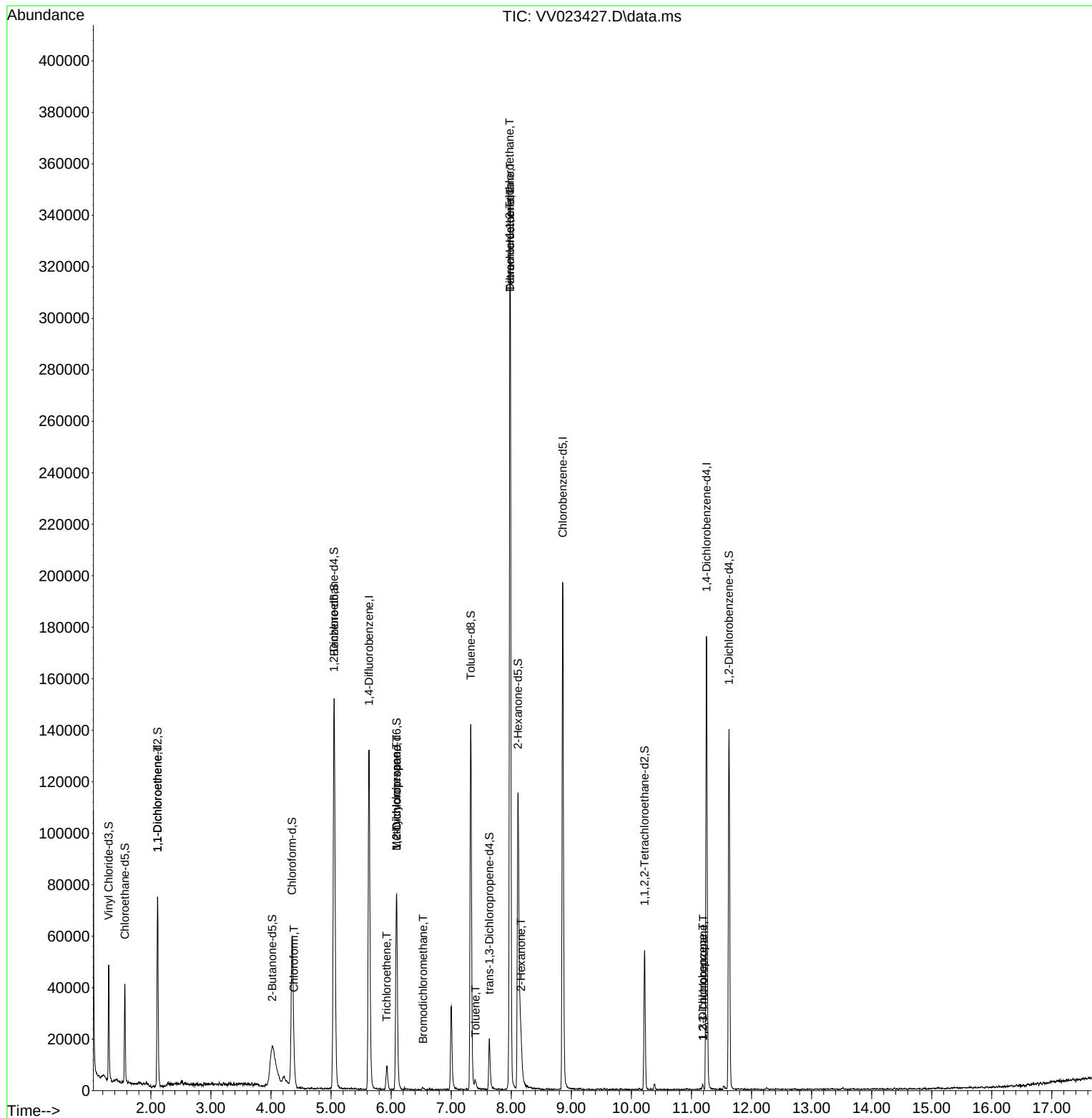
Internal Standards						
1) 1,4-Difluorobenzene	5.632	114	114563	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.857	117	110140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	24378	3.397	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.568	69	22225	3.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.111	63	37102	2.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.200%#
20) 2-Butanone-d5	4.021	46	69407	56.134	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.260%
24) Chloroform-d	4.349	84	58791	3.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.047	65	32244	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	122499	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.092	67	36016	4.329	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.326	98	93119	3.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.635	79	11529	3.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.111	63	44100	37.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.000%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	24237	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	37326	4.483	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	427	0.063	ug/L #	1
25) Chloroform	4.381	83	6776	0.448	ug/L	98
34) Trichloroethene	5.928	95	2108	0.257	ug/L	93
35) Methylcyclohexane	6.088	83	8890	0.688	ug/L #	22
37) 1,2-Dichloropropane	6.092	63	4599	0.640	ug/L #	83
38) Bromodichloromethane	6.532	83	689	0.072	ug/L #	81
42) Toluene	7.407	91	2302	0.070	ug/L	100
45) 1,1,2-Trichloroethane	7.976	97	525	0.102	ug/L #	1
47) Tetrachloroethene	7.982	164	78130	11.012	ug/L	97
48) 2-Hexanone	8.165	43	5922	2.536	ug/L #	95
49) Dibromochloromethane	7.982	129	68569	10.480	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	232	0.070	ug/L #	38
64) 1,3-Dichlorobenzene	11.188	146	1039	0.071	ug/L	87

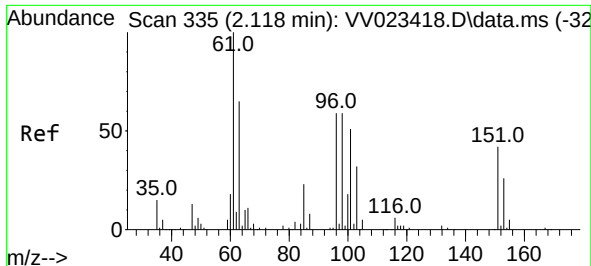
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
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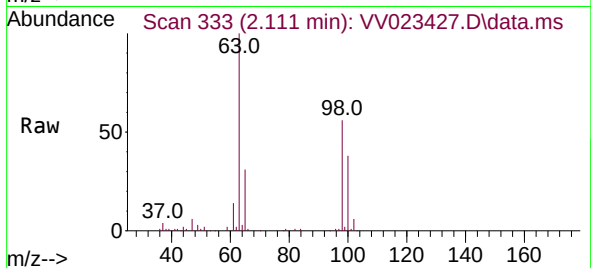
Quant Time: Nov 13 00:09:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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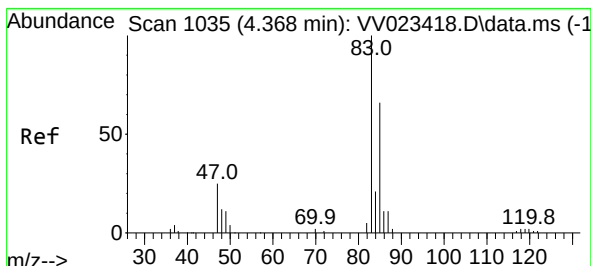
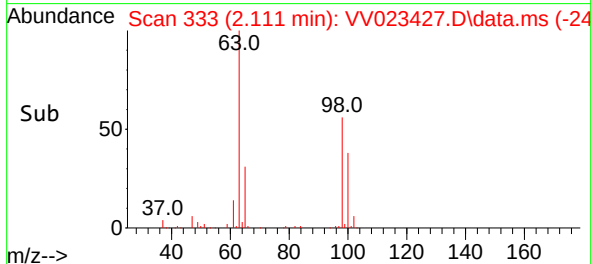
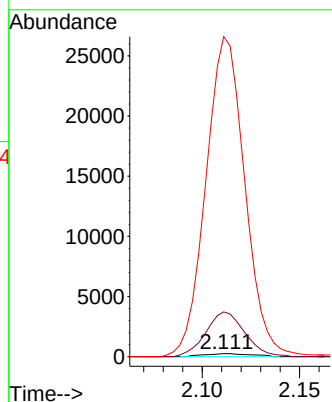


#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023427.D
Acq: 12 Nov 2021 08:11

Instrument :
MSVOA_V
ClientSampleId :

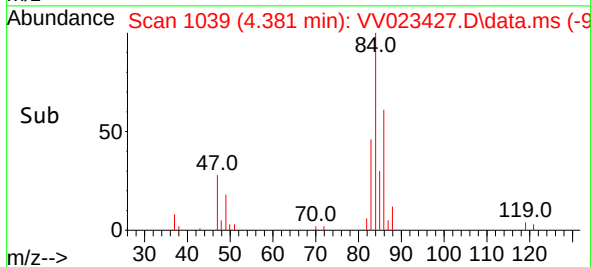
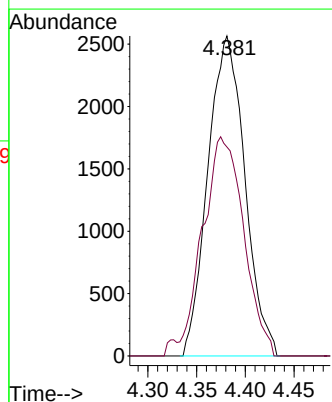
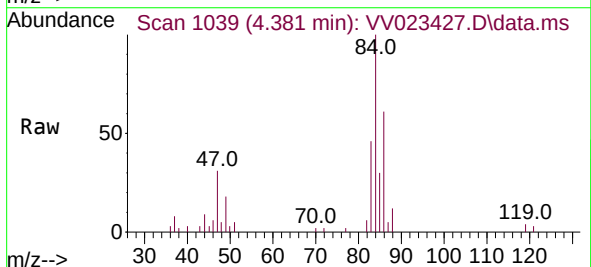


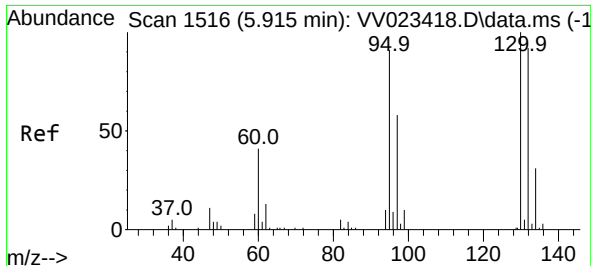
Tgt Ion: 96 Resp: 427
Ion Ratio Lower Upper
96 100
61 1472.3 121.5 225.7#
63 10513.8 99.6 185.0#



#25
Chloroform
Concen: 0.448 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VV023427.D
Acq: 12 Nov 2021 08:11

Tgt Ion: 83 Resp: 6776
Ion Ratio Lower Upper
83 100
85 65.3 46.8 86.8



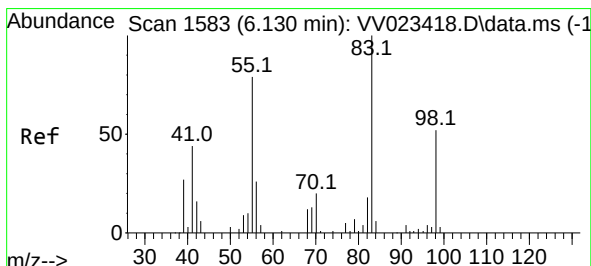
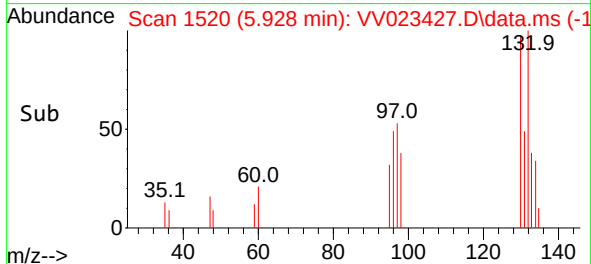
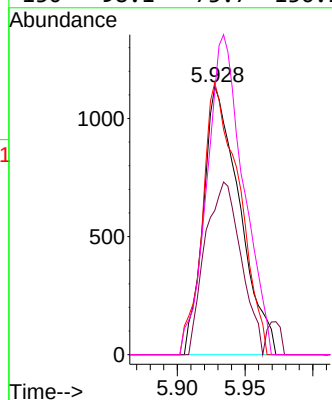
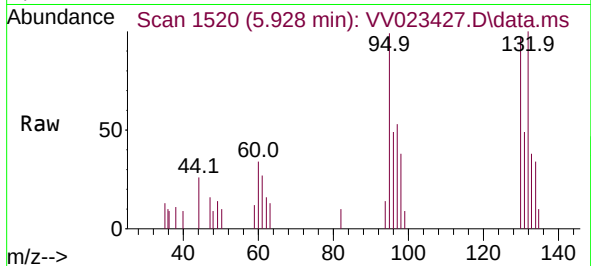


#34
Trichloroethene
Concen: 0.257 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023427.D
Acq: 12 Nov 2021 08:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2108

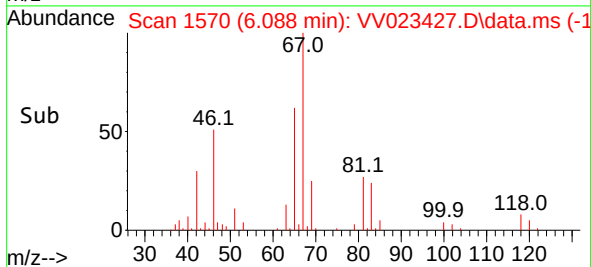
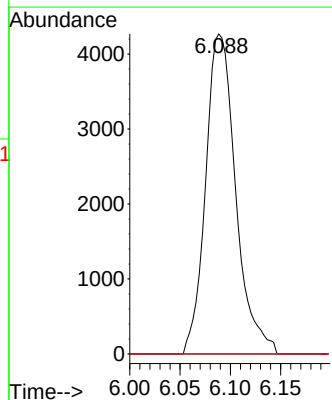
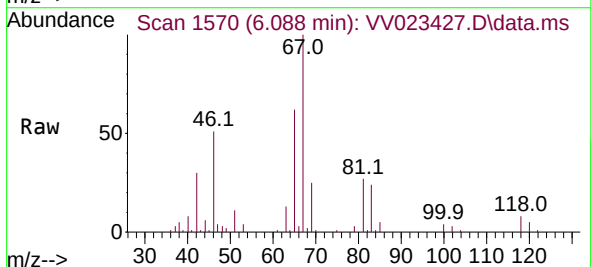
Ion	Ratio	Lower	Upper
95	100		
97	53.7	45.0	83.6
132	101.5	69.7	129.4
130	98.1	73.7	136.9

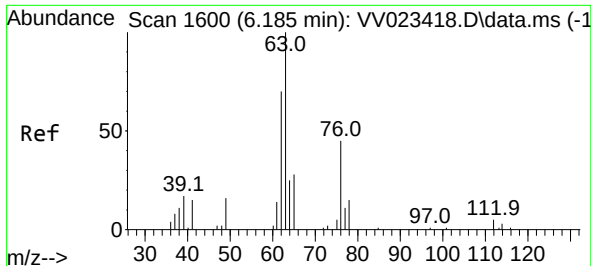


#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.042 min
Lab File: VV023427.D
Acq: 12 Nov 2021 08:11

Tgt Ion: 83 Resp: 8890

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	8.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.092 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

Instrument :

MSVOA_V

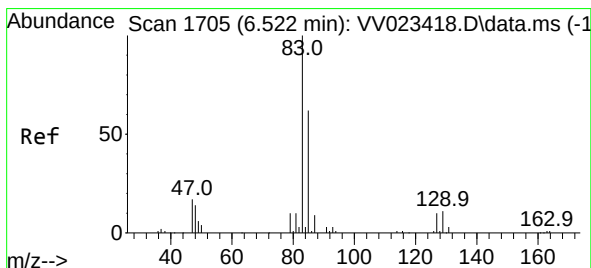
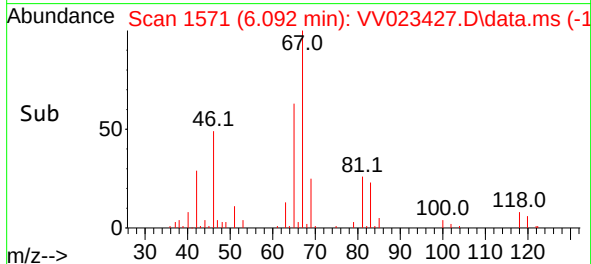
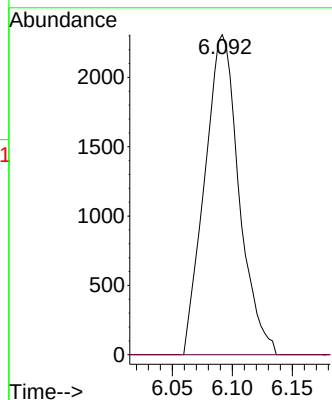
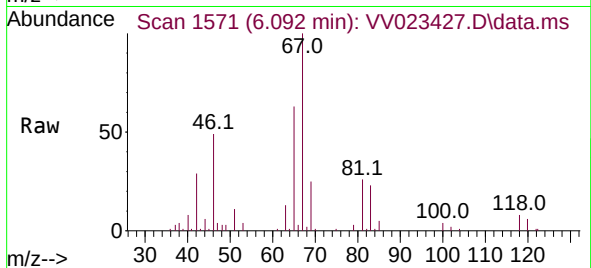
ClientSampleId :

Tgt Ion: 63 Resp: 4599

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#38

Bromodichloromethane

Concen: 0.072 ug/L

RT: 6.532 min Scan# 1708

Delta R.T. 0.010 min

Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

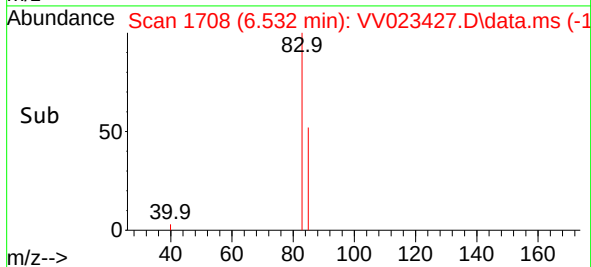
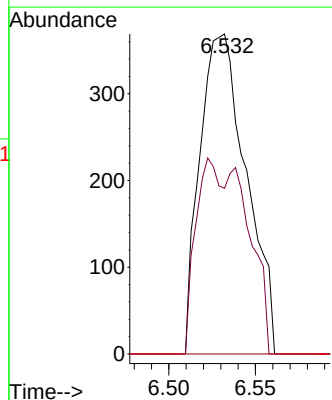
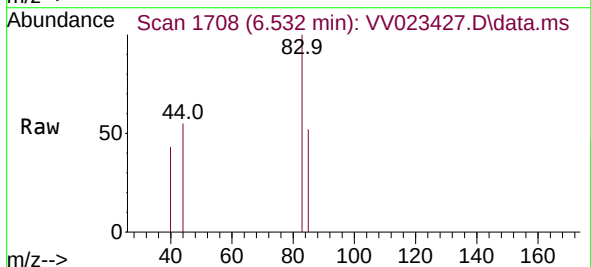
Tgt Ion: 83 Resp: 689

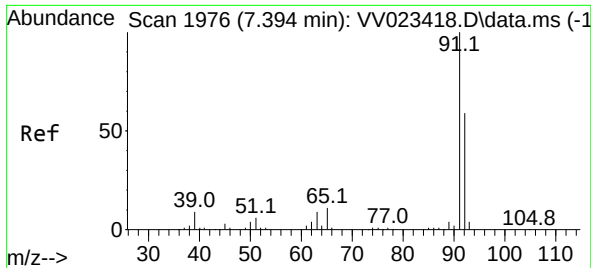
Ion Ratio Lower Upper

83 100

85 51.8 46.1 85.7

127 0.0 7.2 10.8#





#42

Toluene

Concen: 0.070 ug/L

RT: 7.407 min Scan# 1976

Delta R.T. 0.013 min

Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

Instrument :

MSVOA_V

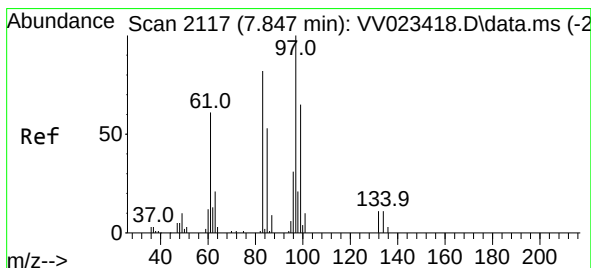
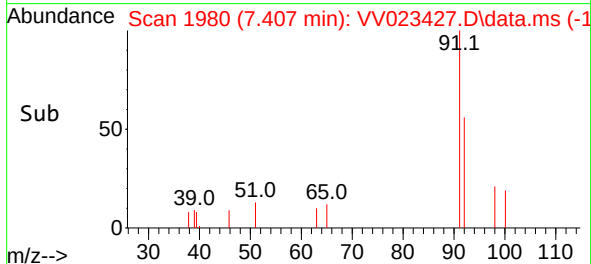
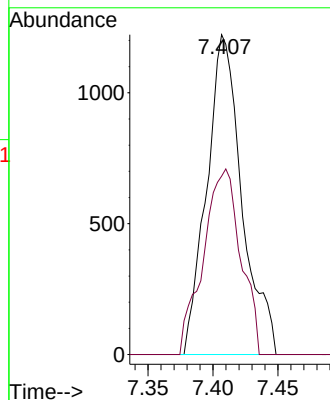
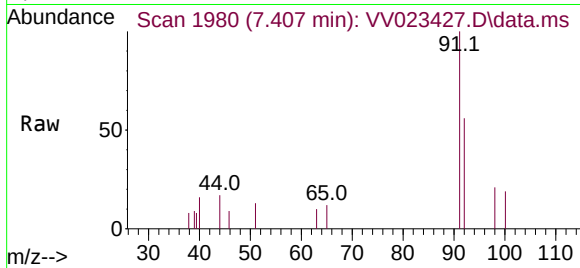
ClientSampleId :

Tgt Ion: 91 Resp: 2302

Ion Ratio Lower Upper

91 100

92 55.8 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 0.102 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.129 min

Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

Tgt Ion: 97 Resp: 525

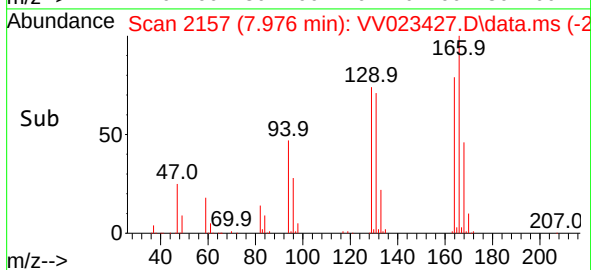
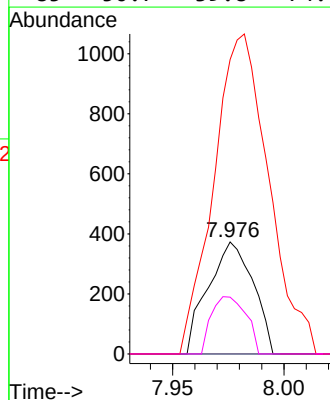
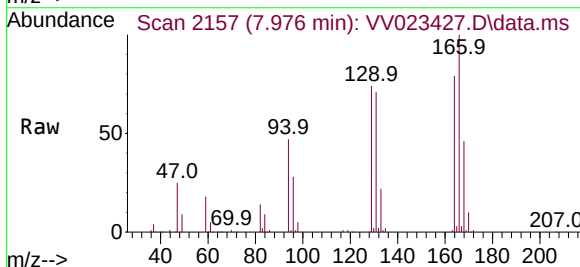
Ion Ratio Lower Upper

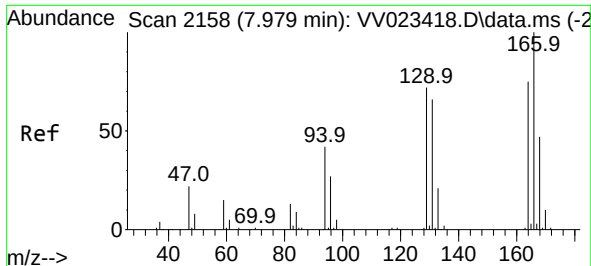
97 100

99 0.0 43.6 81.0#

83 263.0 58.4 108.4#

85 50.7 39.8 74.0





#47

Tetrachloroethene

Concen: 11.012 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

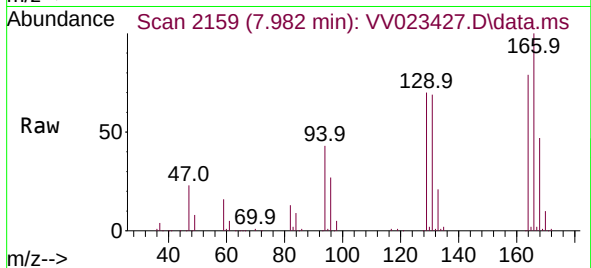
Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 78130

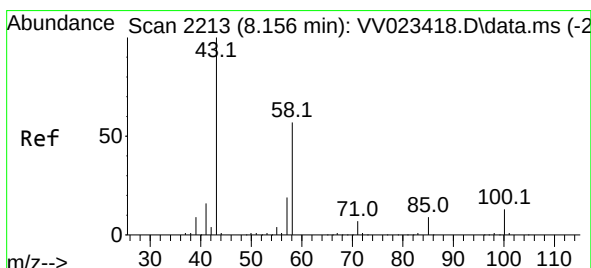
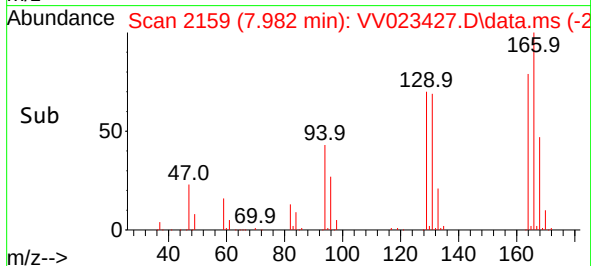
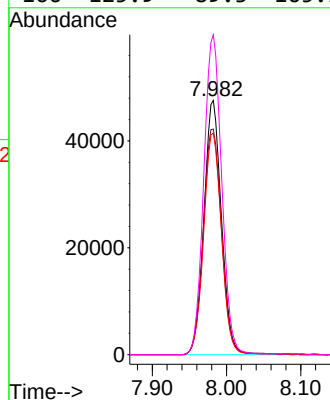
Ion Ratio Lower Upper

164 100

129 88.7 64.0 119.0

131 87.2 63.4 117.8

166 125.9 89.3 165.9



#48

2-Hexanone

Concen: 2.536 ug/L

RT: 8.165 min Scan# 2216

Delta R.T. 0.010 min

Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

Tgt Ion: 43 Resp: 5922

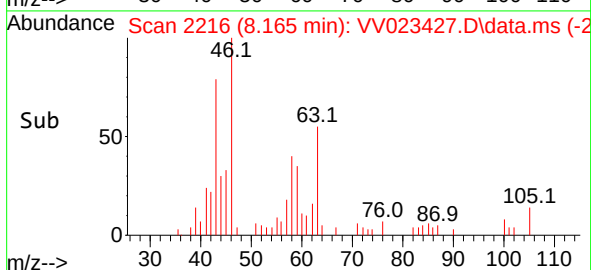
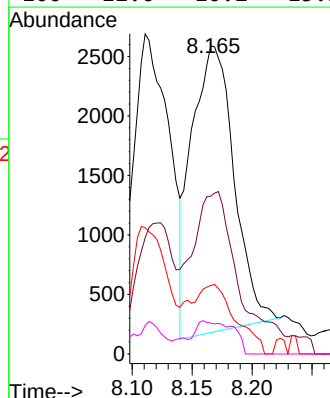
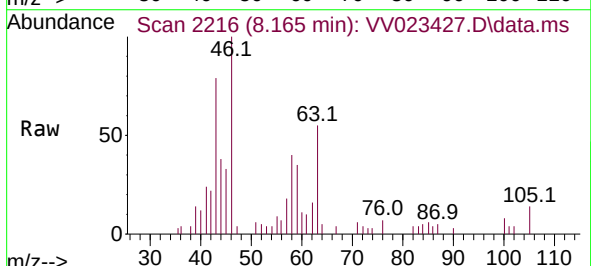
Ion Ratio Lower Upper

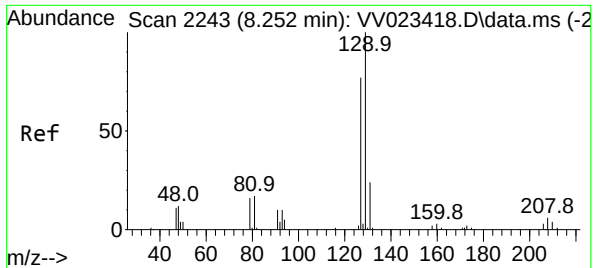
43 100

58 53.6 43.7 65.5

57 26.0 14.1 21.1#

100 12.0 10.2 15.2

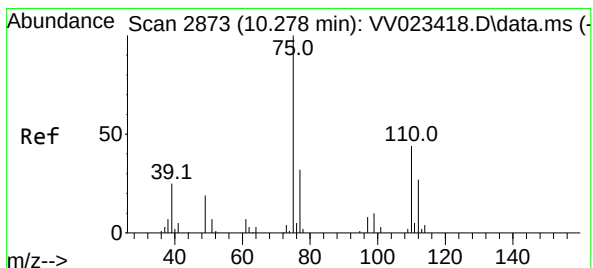
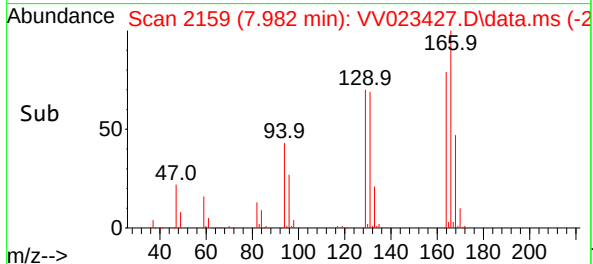
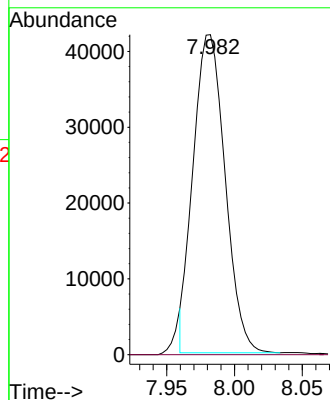
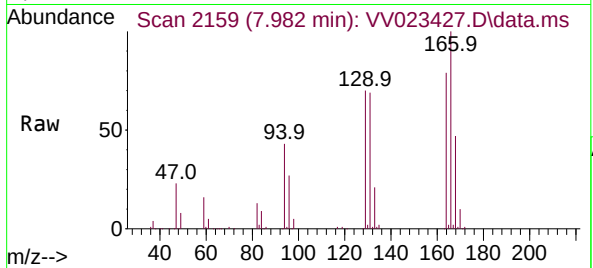




#49
Dibromochloromethane
Concen: 10.480 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.270 min
Lab File: VV023427.D
Acq: 12 Nov 2021 08:11

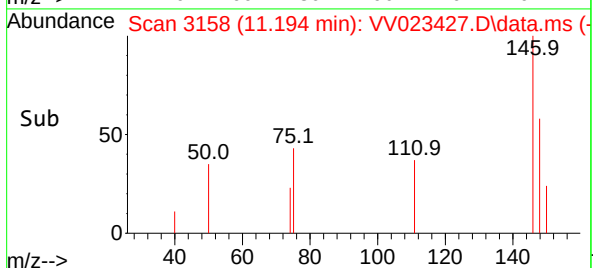
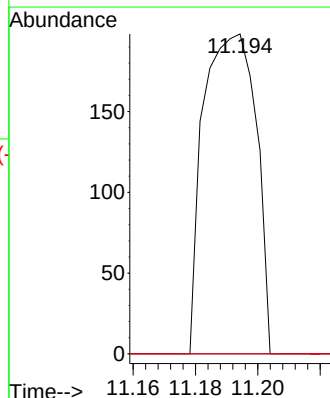
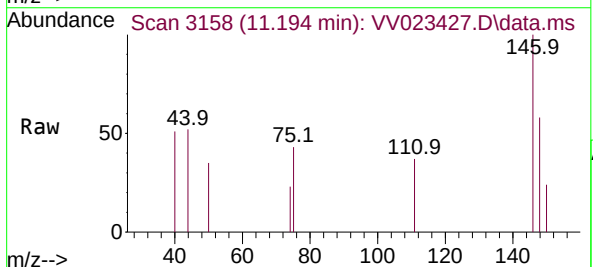
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MSVOA_V
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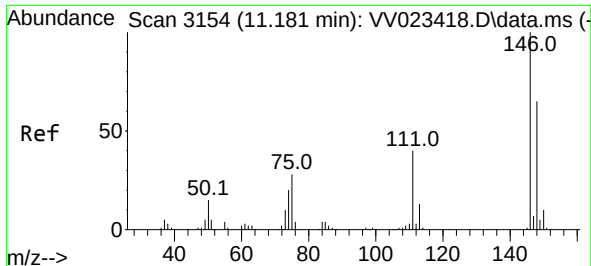
Tgt Ion:129 Resp: 68569
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 0.070 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.916 min
Lab File: VV023427.D
Acq: 12 Nov 2021 08:11

Tgt Ion: 75 Resp: 232
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 0.0 31.8 47.6#





#64

1,3-Dichlorobenzene

Concen: 0.071 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.006 min

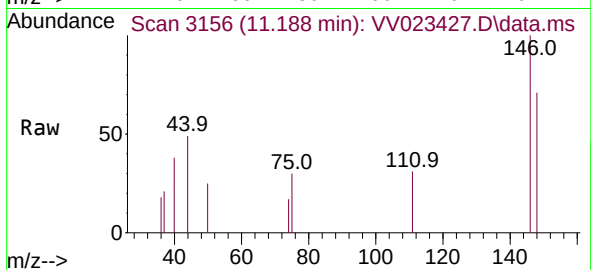
Lab File: VV023427.D

Acq: 12 Nov 2021 08:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 1039

Ion Ratio Lower Upper

146 100

111 31.1 26.7 49.7

148 71.3 42.9 79.7

