

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
 Data File : VV023336.D
 Acq On : 10 Nov 2021 16:53
 Operator : SY/MD
 Sample : M4558-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:43:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

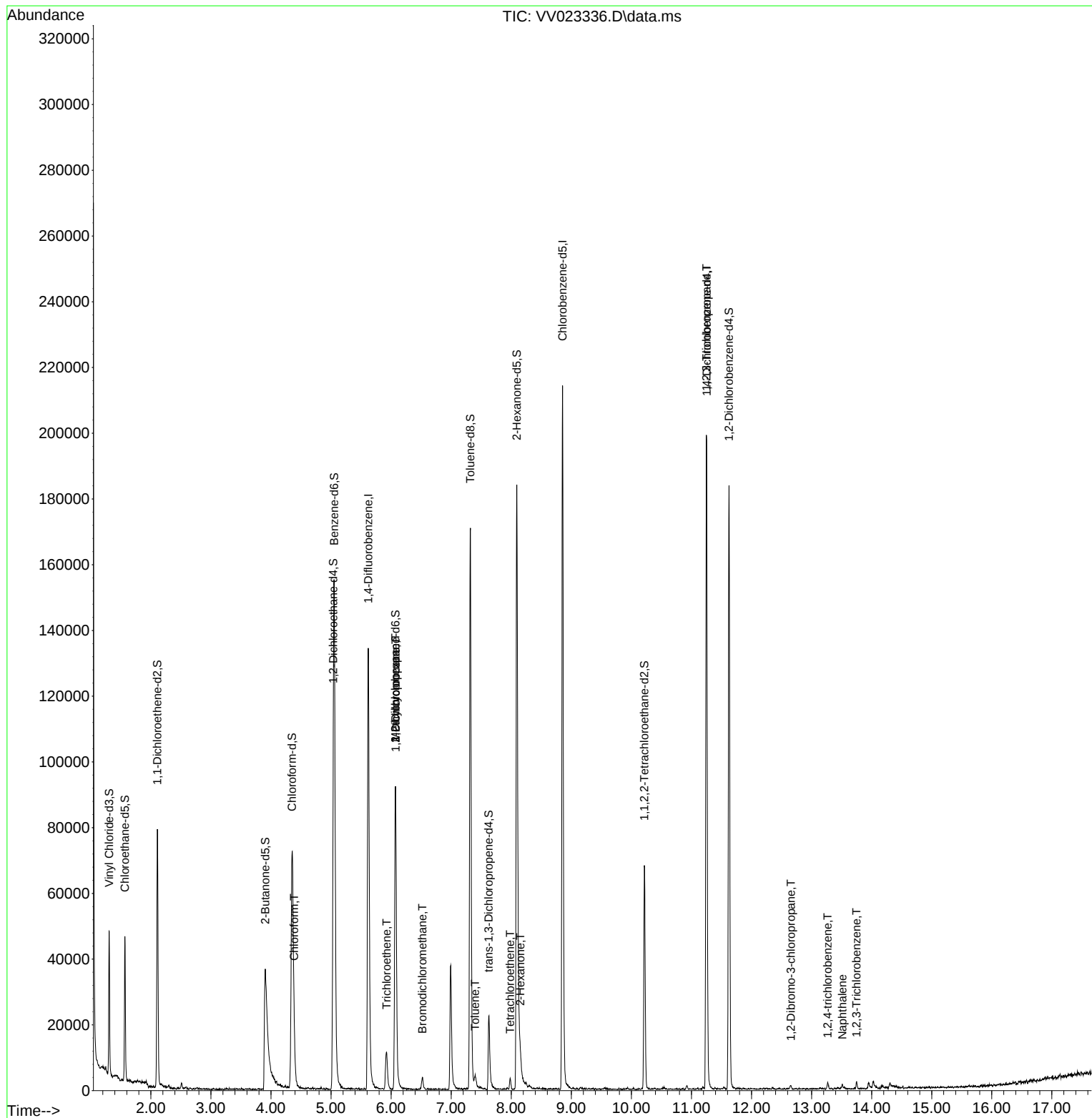
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	53957	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27170	3.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.568	69	26893	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.108	63	40121	2.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.905	46	85731	66.841	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.680%#
24) Chloroform-d	4.349	84	74517	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.037	65	37478	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.053	84	136784	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	44621	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.320	98	114993	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.625	79	13928	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.091	63	64799	50.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31740	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	48376	5.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
25) Chloroform	4.384	83	13449	0.858	ug/L	92
34) Trichloroethene	5.928	95	3517	0.390	ug/L	97
35) Methylcyclohexane	6.072	83	11171	0.785	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	5124	0.648	ug/L #	83
38) Bromodichloromethane	6.519	83	2781	0.262	ug/L #	95
42) Toluene	7.397	91	3274	0.090	ug/L	98
47) Tetrachloroethene	7.982	164	722	0.092	ug/L	84
48) 2-Hexanone	8.153	43	4744	1.845	ug/L #	53
61) 1,2,3-Trichloropropane	11.249	75	6043	1.686	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.657	75	63	0.083	ug/L #	1
70) 1,2,4-trichlorobenzene	13.268	180	775	0.078	ug/L #	94
71) Naphthalene	13.512	128	1742	0.119	ug/L #	74
72) 1,2,3-Trichlorobenzene	13.747	180	746	0.086	ug/L	99

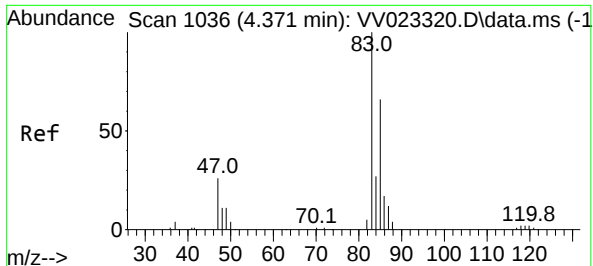
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.858 ug/L

RT: 4.384 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV023336.D

Acq: 10 Nov 2021 16:53

Instrument :

MSVOA_V

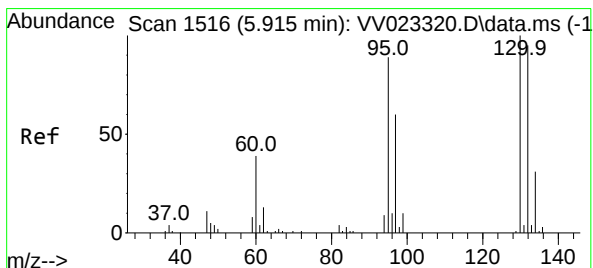
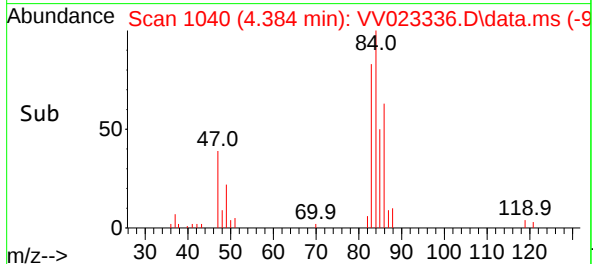
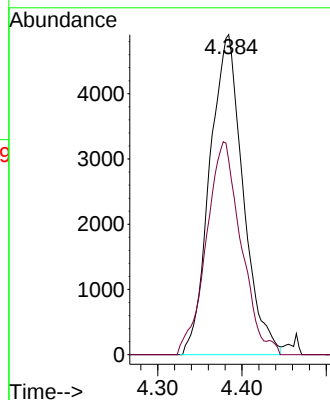
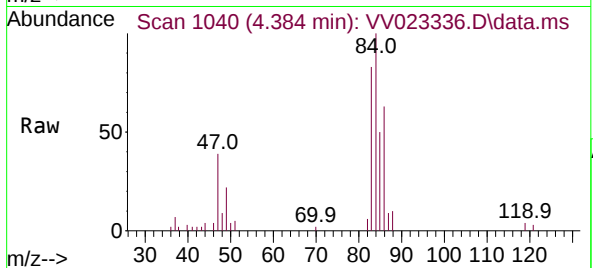
ClientSampleId :

Tgt Ion: 83 Resp: 13449

Ion Ratio Lower Upper

83 100

85 60.8 46.8 86.8



#34

Trichloroethene

Concen: 0.390 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.013 min

Lab File: VV023336.D

Acq: 10 Nov 2021 16:53

Tgt Ion: 95 Resp: 3517

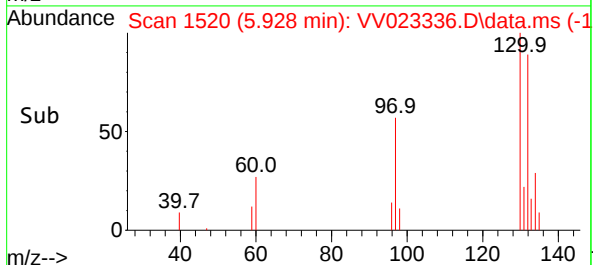
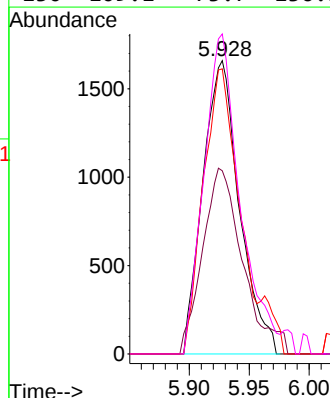
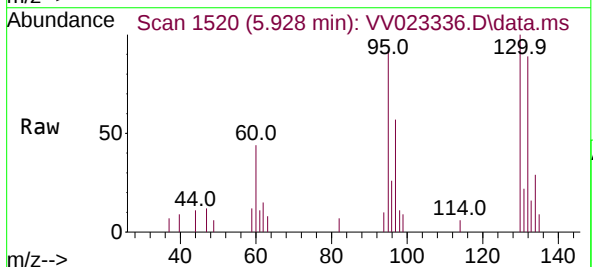
Ion Ratio Lower Upper

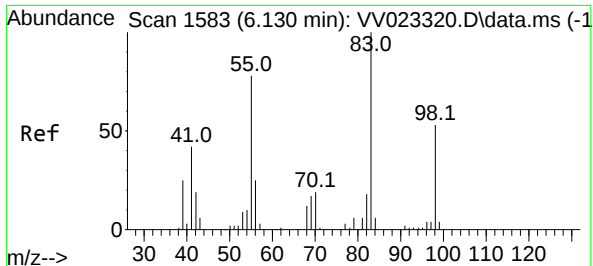
95 100

97 62.4 45.0 83.6

132 97.2 69.7 129.4

130 109.1 73.7 136.9

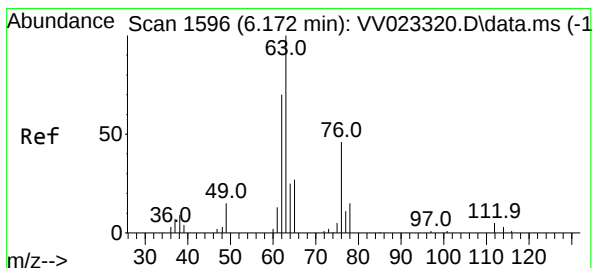
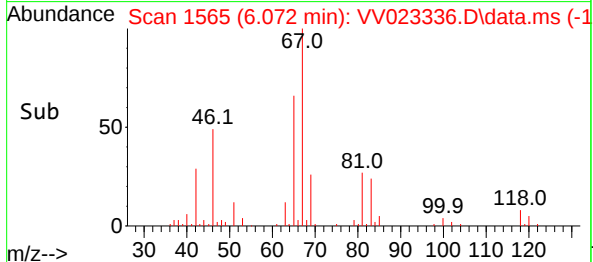
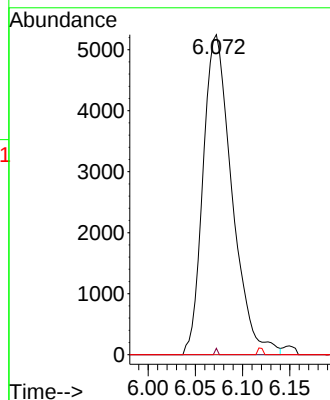
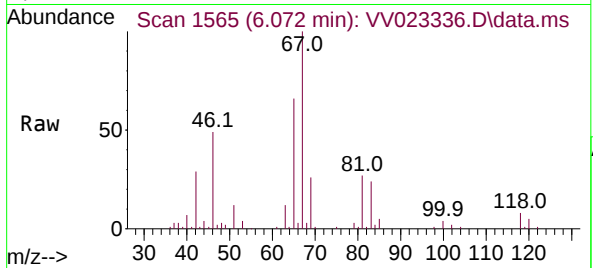




#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023336.D
Acq: 10 Nov 2021 16:53

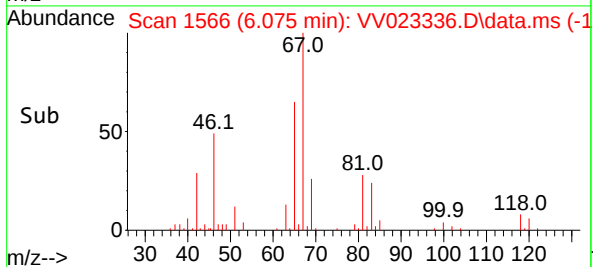
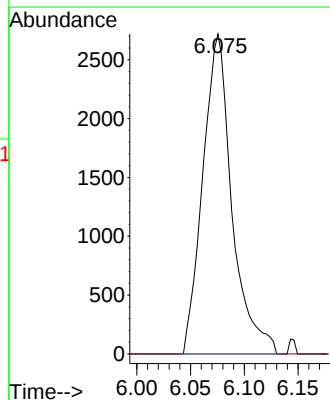
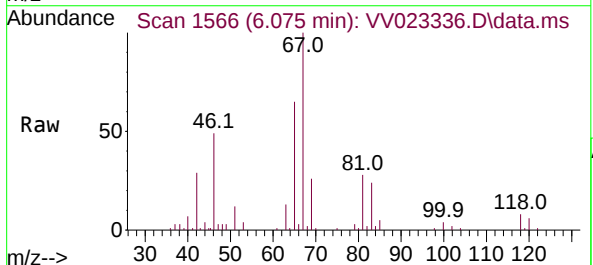
Instrument :
MSVOA_V
ClientSampleId :

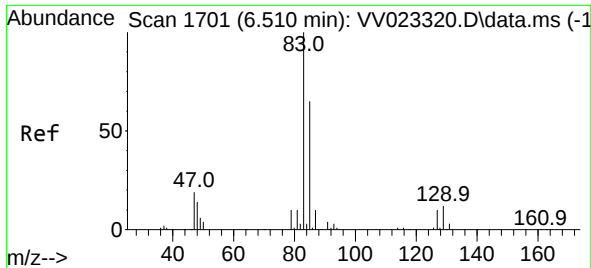
Tgt Ion: 83 Resp: 11171
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV023336.D
Acq: 10 Nov 2021 16:53

Tgt Ion: 63 Resp: 5124
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#

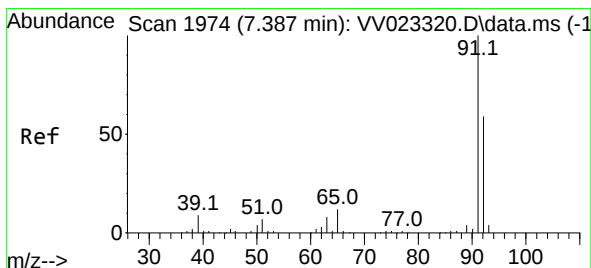
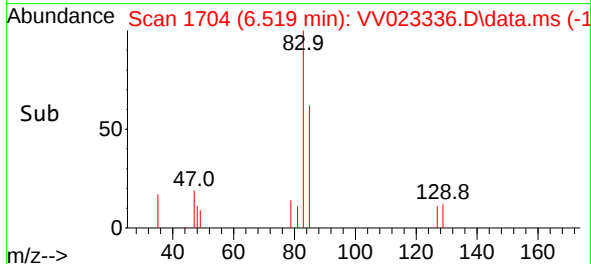
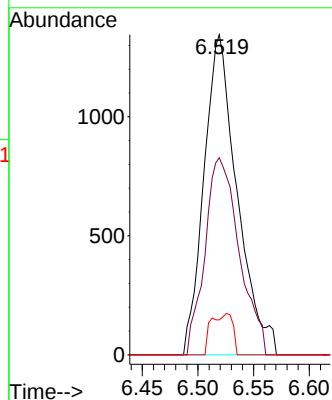
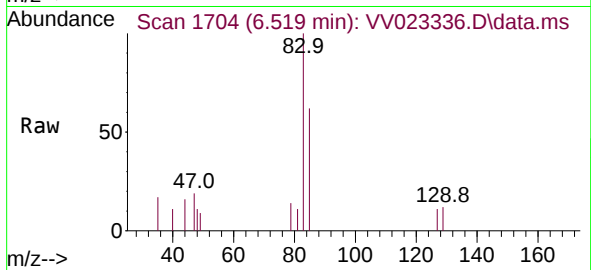




#38
Bromodichloromethane
Concen: 0.262 ug/L
RT: 6.519 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV023336.D
Acq: 10 Nov 2021 16:53

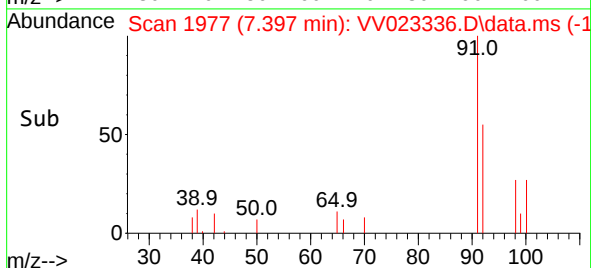
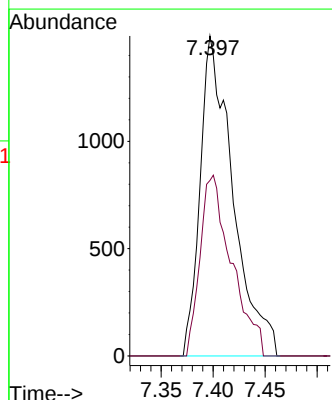
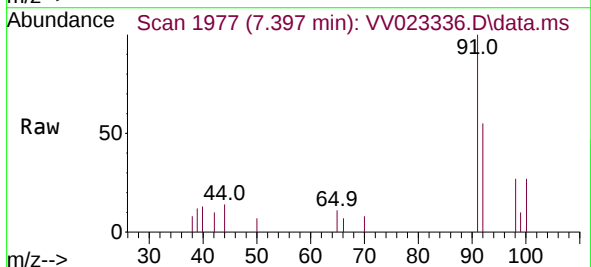
Instrument :
MSVOA_V
ClientSampleId :

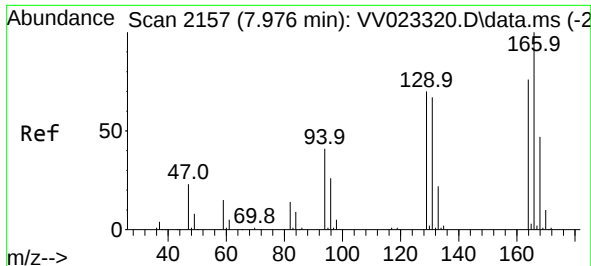
Tgt Ion: 83 Resp: 2781
Ion Ratio Lower Upper
83 100
85 61.6 46.1 85.7
127 10.9 7.2 10.8#



#42
Toluene
Concen: 0.090 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV023336.D
Acq: 10 Nov 2021 16:53

Tgt Ion: 91 Resp: 3274
Ion Ratio Lower Upper
91 100
92 54.9 39.3 72.9





#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 7.982 min Scan# 2157

Delta R.T. 0.006 min

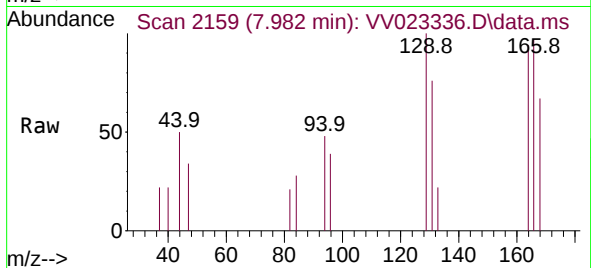
Lab File: VV023336.D

Acq: 10 Nov 2021 16:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 722

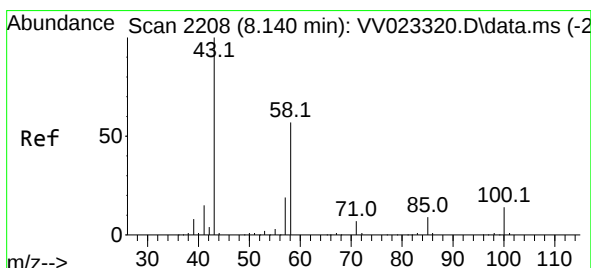
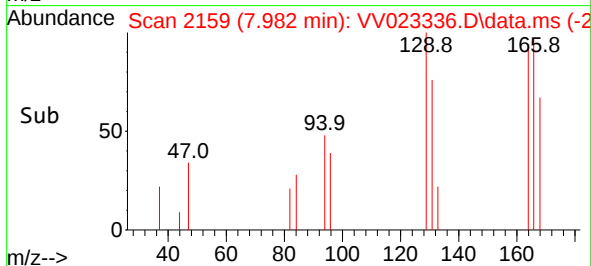
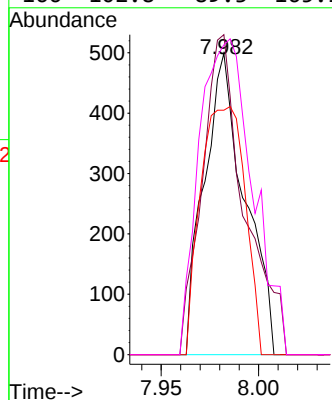
Ion Ratio Lower Upper

164 100

129 106.2 64.0 119.0

131 81.2 63.4 117.8

166 102.8 89.3 165.9



#48

2-Hexanone

Concen: 1.845 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV023336.D

Acq: 10 Nov 2021 16:53

Tgt Ion: 43 Resp: 4744

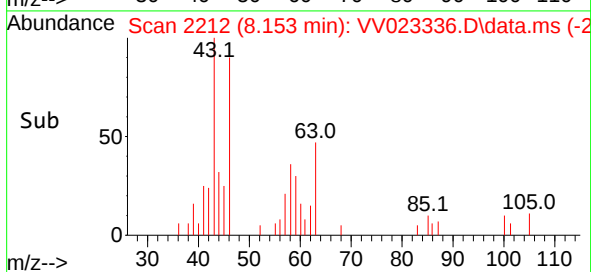
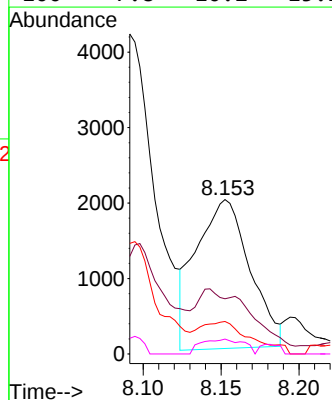
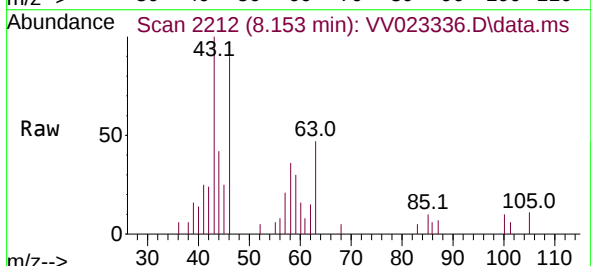
Ion Ratio Lower Upper

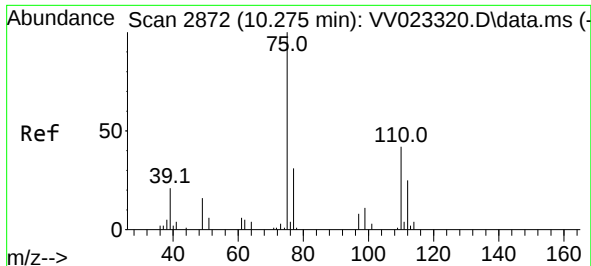
43 100

58 6.0 43.7 65.5#

57 20.8 14.1 21.1

100 7.8 10.2 15.2#

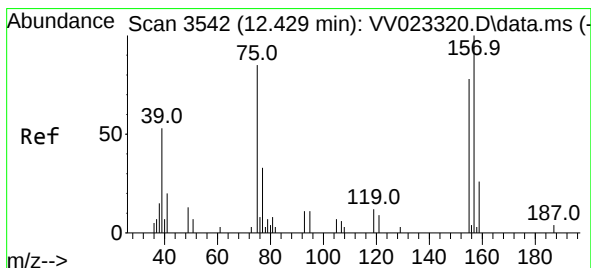
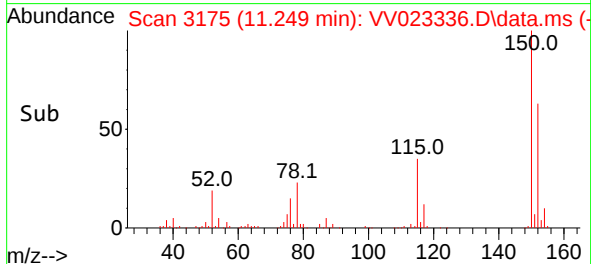
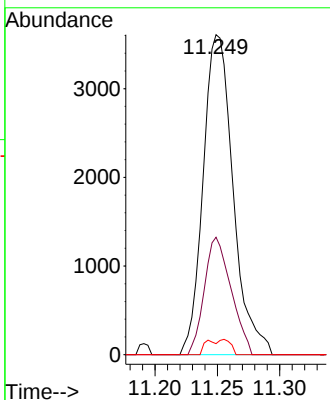
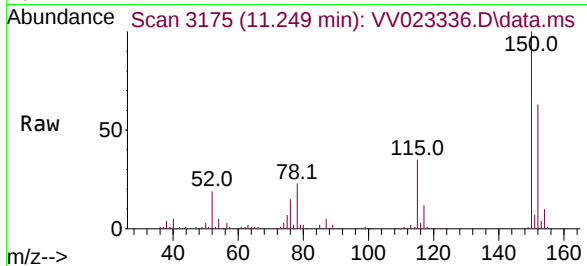




#61
 1,2,3-Trichloropropane
 Concen: 1.686 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023336.D
 Acq: 10 Nov 2021 16:53

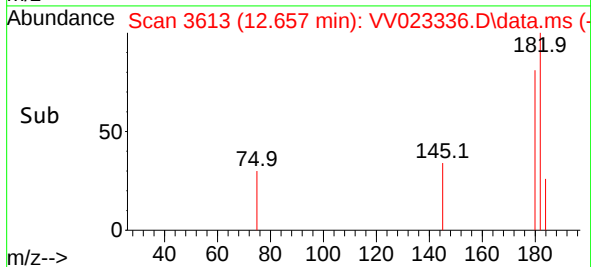
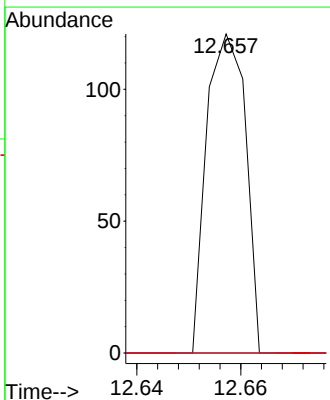
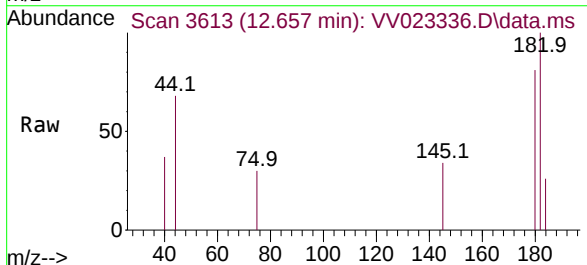
Instrument :
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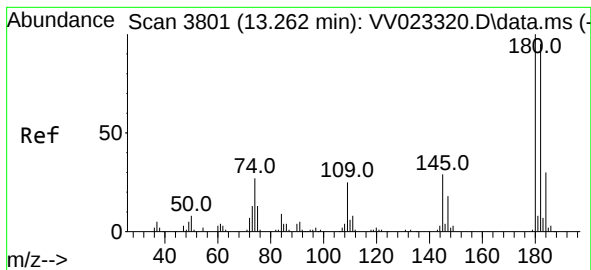
Tgt Ion: 75 Resp: 6043
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 39.8
 110 1.9 31.8 47.6#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.083 ug/L
 RT: 12.657 min Scan# 3613
 Delta R.T. 0.228 min
 Lab File: VV023336.D
 Acq: 10 Nov 2021 16:53

Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.7 101.5#
 157 0.0 87.9 131.9#





#70

1,2,4-trichlorobenzene

Concen: 0.078 ug/L

RT: 13.268 min Scan# 3801

Delta R.T. 0.006 min

Lab File: VV023336.D

Acq: 10 Nov 2021 16:53

Instrument :

MSVOA_V

ClientSampleId :

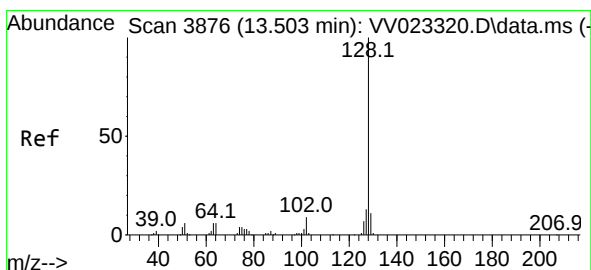
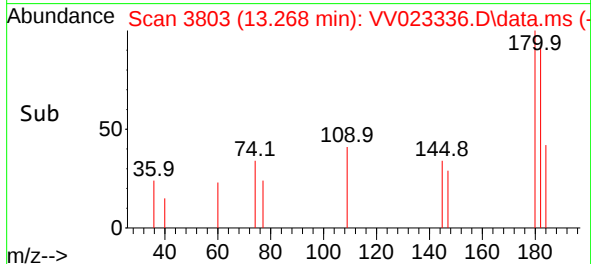
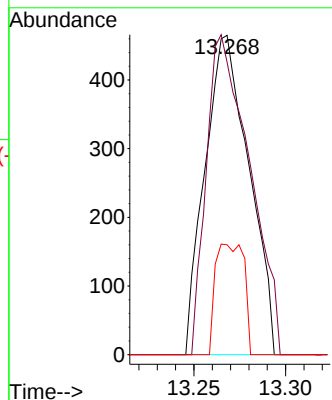
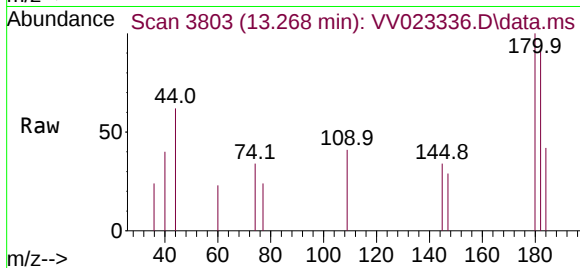
Tgt Ion:180 Resp: 775

Ion Ratio Lower Upper

180 100

182 99.0 76.9 115.3

145 22.5 24.4 36.6#



#71

Naphthalene

Concen: 0.119 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.010 min

Lab File: VV023336.D

Acq: 10 Nov 2021 16:53

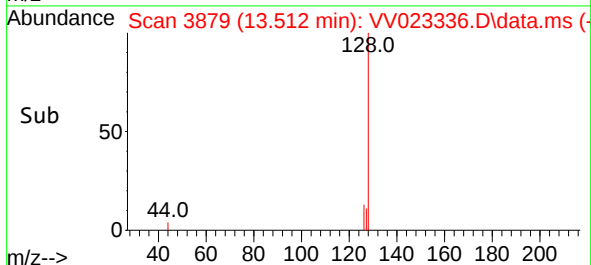
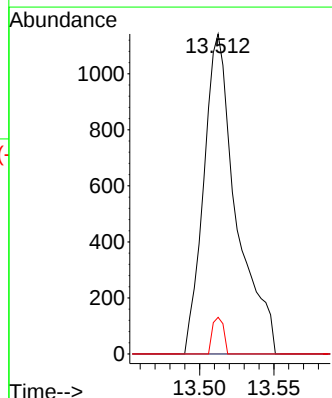
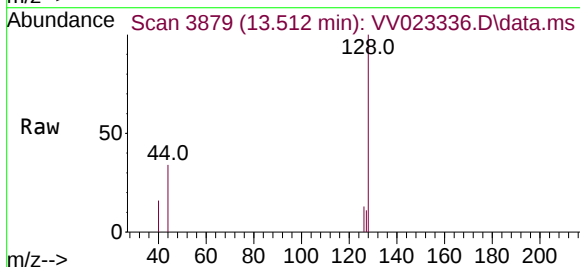
Tgt Ion:128 Resp: 1742

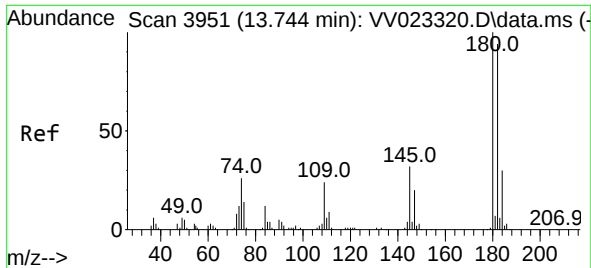
Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

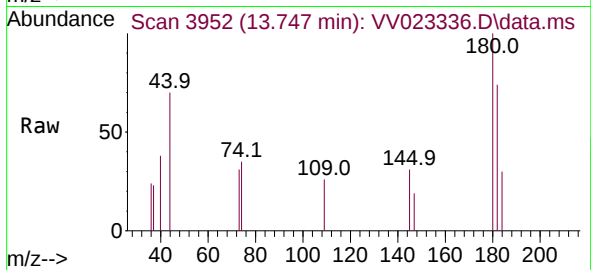
127 3.9 10.5 15.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.086 ug/L
 RT: 13.747 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV023336.D
 Acq: 10 Nov 2021 16:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	746
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
145	33.2	25.7	38.5

