

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027387.D
 Acq On : 15 Aug 2022 14:06
 Operator : SY/MD
 Sample : N4096-06DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 02:36:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

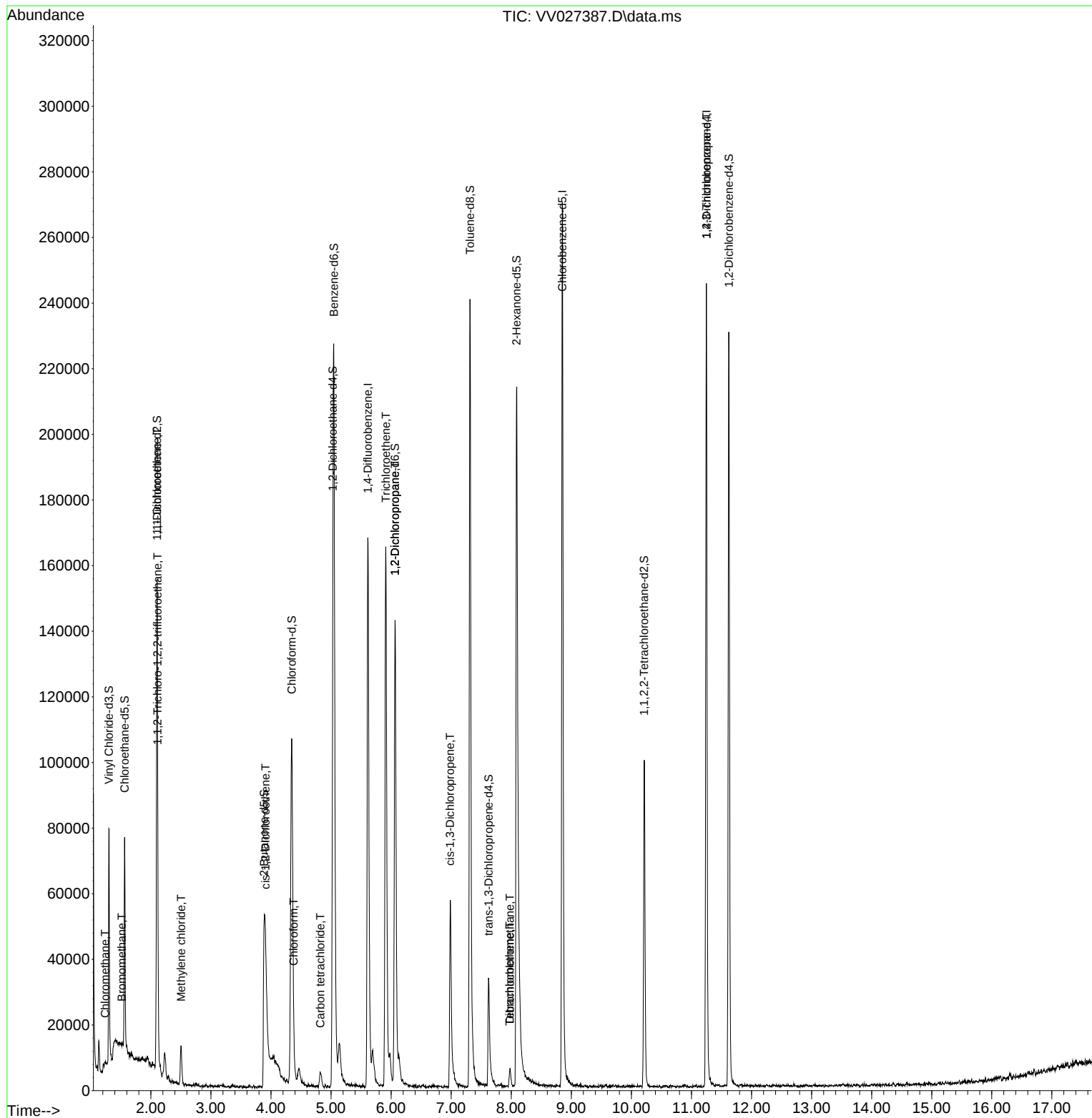
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	139676	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50980	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.565	69	39444	4.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.101	63	70386	3.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.886	46	86741	42.207	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.420%
24) Chloroform-d	4.346	84	110604	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.031	65	53380	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	199465	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.066	67	67006	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.313	98	168026	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.625	79	21839	4.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	84234	46.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48635	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	57089	5.252	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	880	0.053	ug/L	89
6) Bromomethane	1.516	94	413	0.057	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8113	0.836	ug/L	96
12) 1,1-Dichloroethene	2.105	96	1198	0.119	ug/L #	1
16) Methylene chloride	2.503	84	4882	0.302	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	10237	0.841	ug/L	99
25) Chloroform	4.378	83	4343	0.178	ug/L	92
31) Carbon tetrachloride	4.822	117	2870	0.157	ug/L	93
34) Trichloroethene	5.912	95	58019	4.571	ug/L	100
37) 1,2-Dichloropropane	6.066	63	8112	0.644	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1785	0.116	ug/L #	53
47) Tetrachloroethene	7.976	164	1111	0.111	ug/L	95
49) Dibromochloromethane	7.979	129	1158	0.110	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	7155	1.180	ug/L #	68

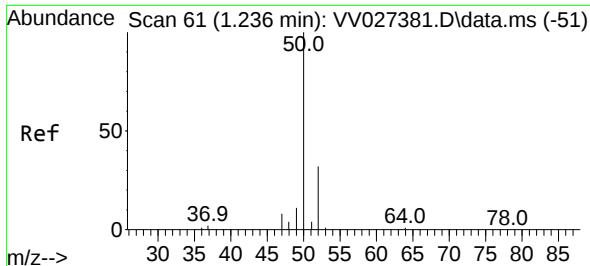
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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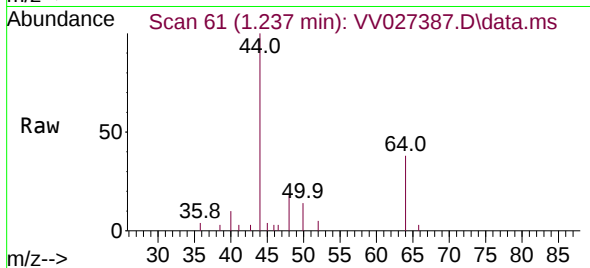
Quant Time: Aug 16 02:36:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
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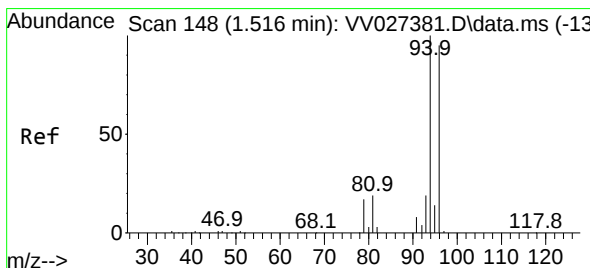
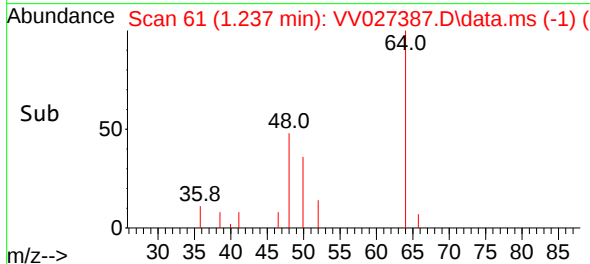
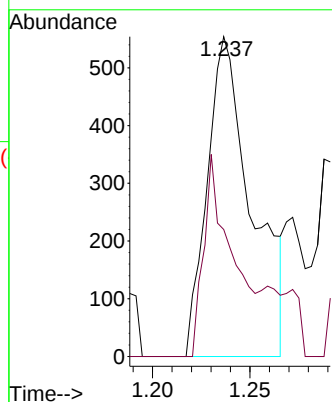


#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027387.D
Acq: 15 Aug 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :

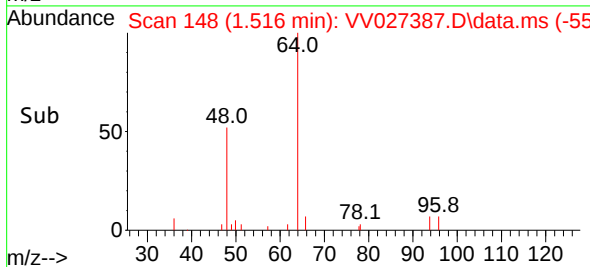
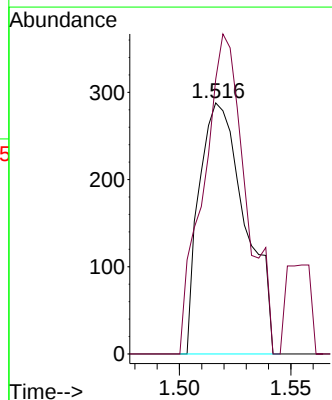
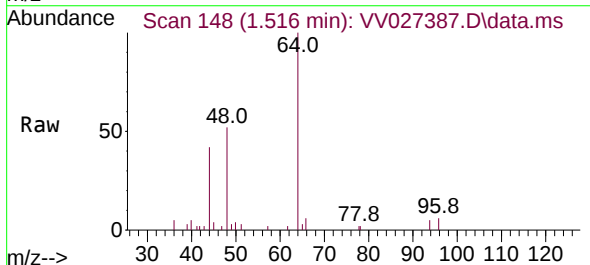


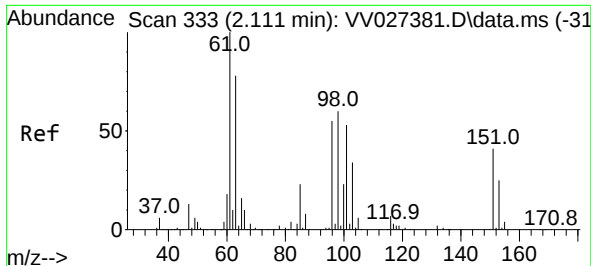
Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 39.7 23.4 43.4



#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV027387.D
Acq: 15 Aug 2022 14:06

Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 109.4 67.2 124.8

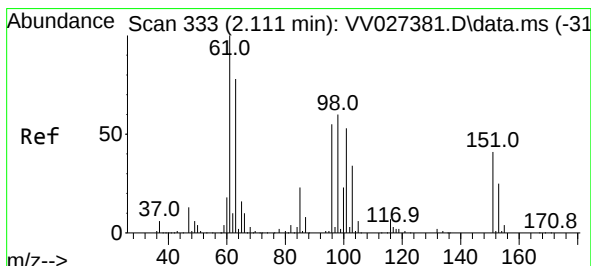
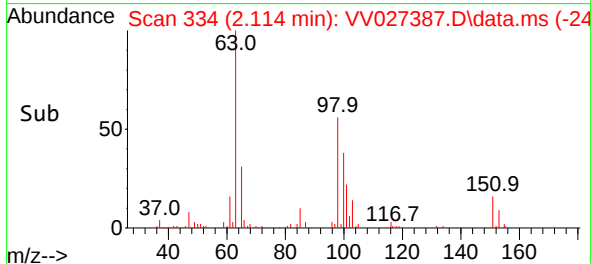
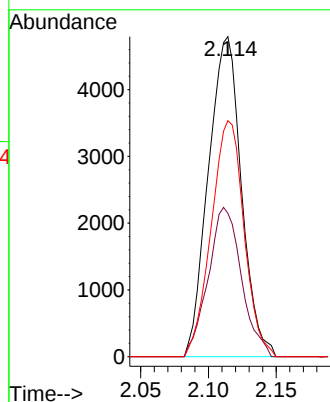
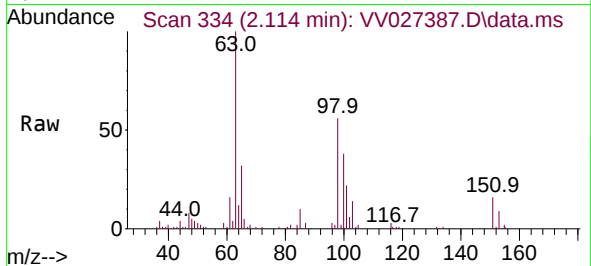




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.836 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV027387.D
 Acq: 15 Aug 2022 14:06

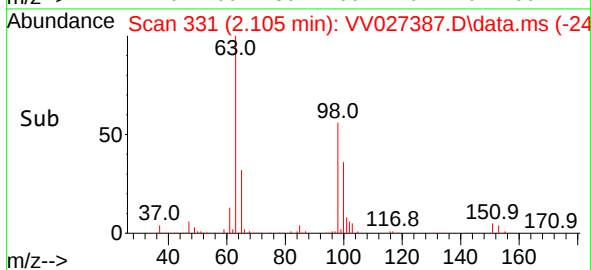
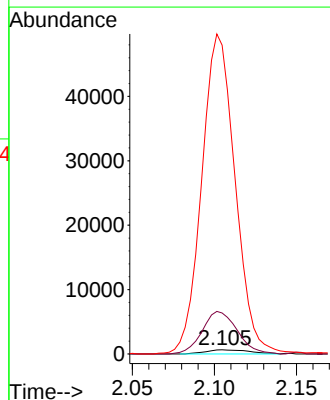
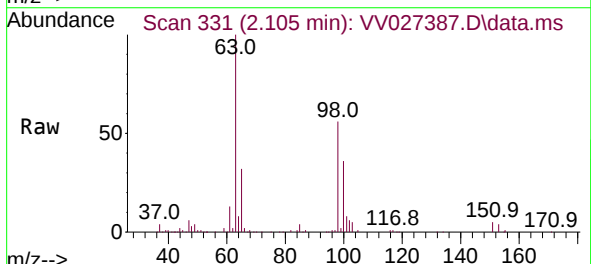
Instrument :
 MSVOA_V
 ClientSampleId :

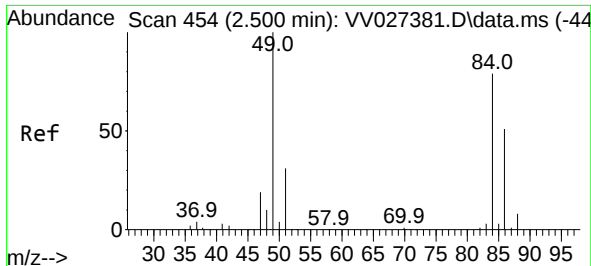
Tgt Ion:101 Resp: 8113
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.2 54.4
 151 73.2 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 0.119 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.006 min
 Lab File: VV027387.D
 Acq: 15 Aug 2022 14:06

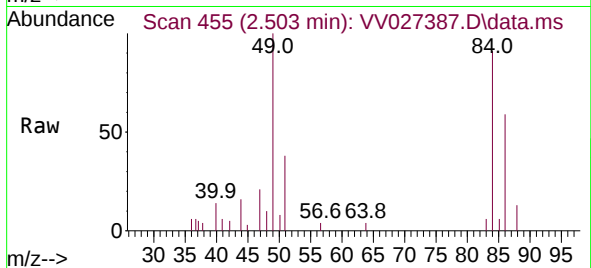
Tgt Ion: 96 Resp: 1198
 Ion Ratio Lower Upper
 96 100
 61 989.3 130.7 242.7#
 63 7469.2 101.4 188.2#



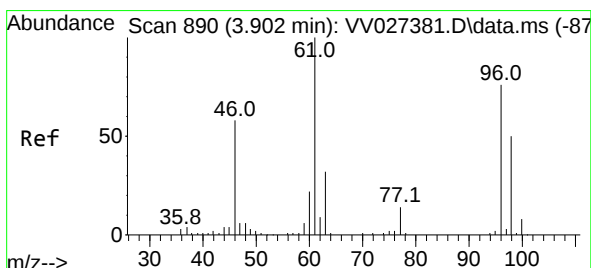
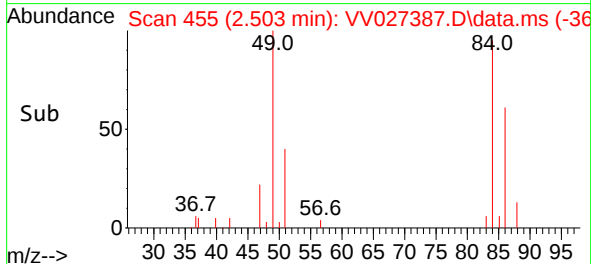
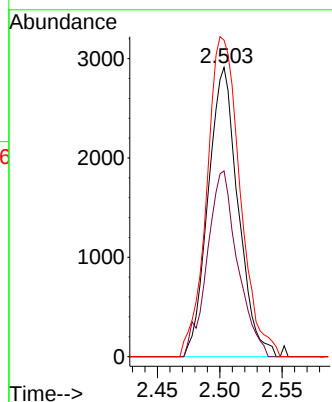


#16
Methylene chloride
Concen: 0.302 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027387.D
Acq: 15 Aug 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :

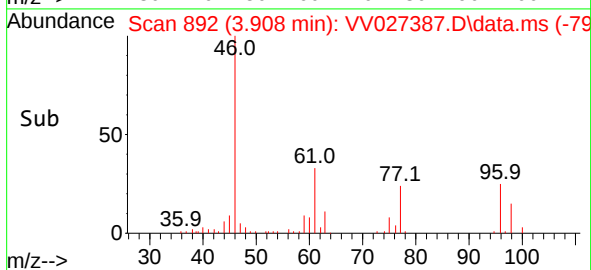
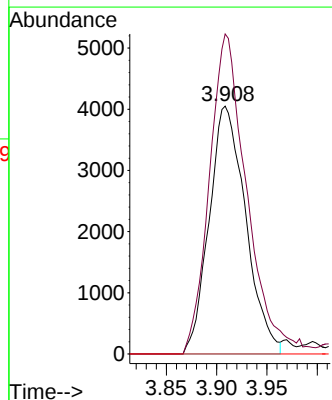
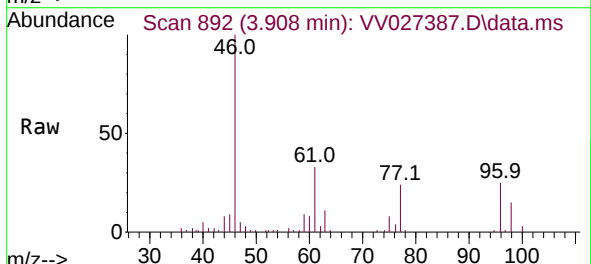


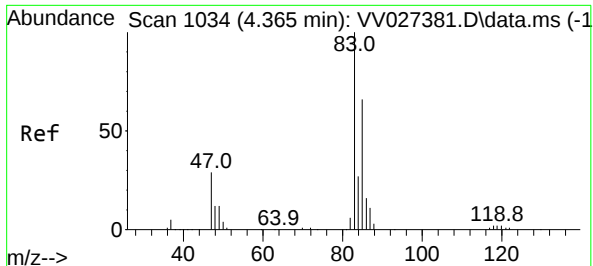
Tgt Ion: 84 Resp: 4882
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.9
49 109.4 91.2 169.4



#22
cis-1,2-Dichloroethene
Concen: 0.841 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.007 min
Lab File: VV027387.D
Acq: 15 Aug 2022 14:06

Tgt Ion: 96 Resp: 10237
Ion Ratio Lower Upper
96 100
61 129.1 91.3 169.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.178 ug/L

RT: 4.378 min Scan# 110

Delta R.T. 0.013 min

Lab File: VV027387.D

Acq: 15 Aug 2022 14:06

Instrument :

MSVOA_V

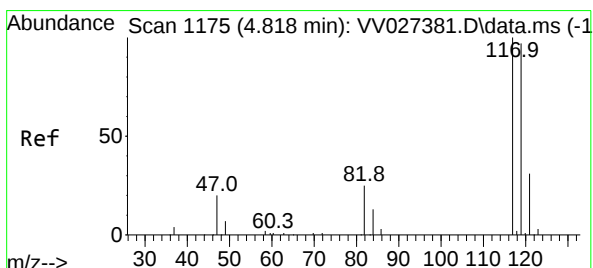
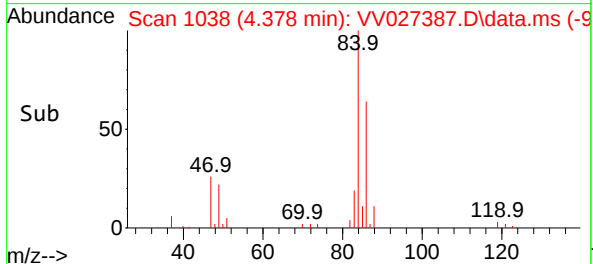
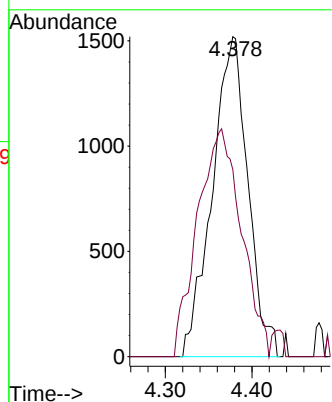
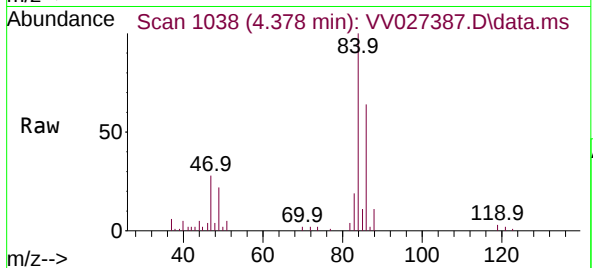
ClientSampleId :

Tgt Ion: 83 Resp: 4343

Ion Ratio Lower Upper

83 100

85 58.4 45.2 84.0



#31

Carbon tetrachloride

Concen: 0.157 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV027387.D

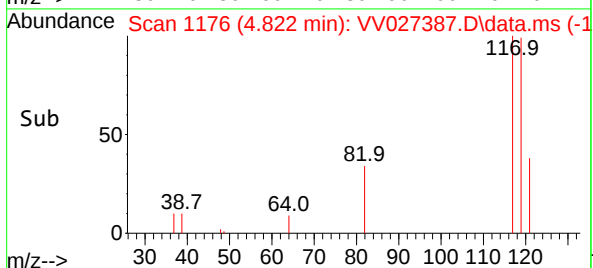
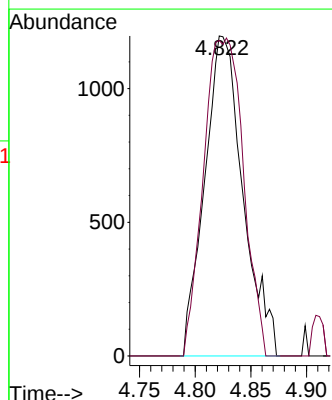
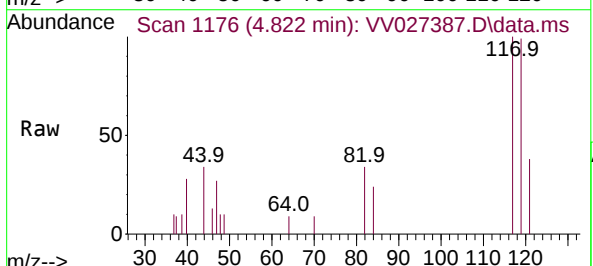
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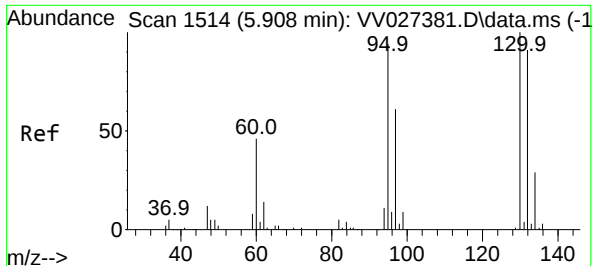
Tgt Ion: 117 Resp: 2870

Ion Ratio Lower Upper

117 100

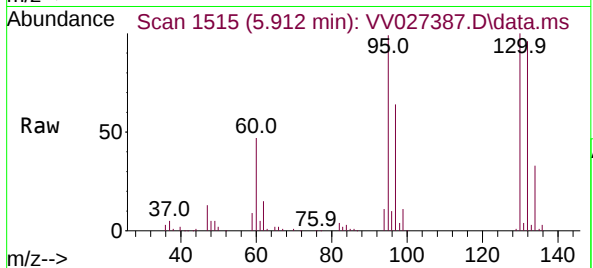
119 103.1 76.6 115.0



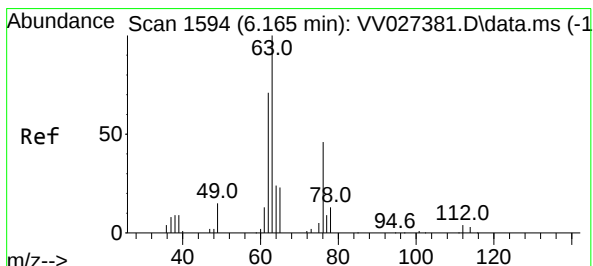
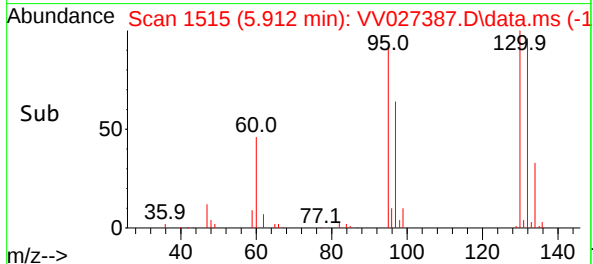
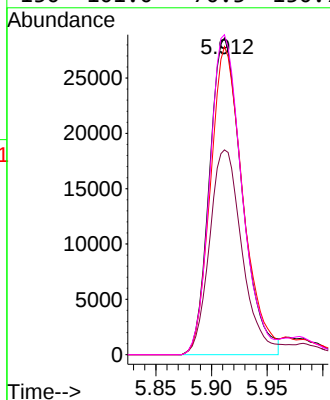


#34
Trichloroethene
Concen: 4.571 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027387.D
Acq: 15 Aug 2022 14:06

Instrument :
MSVOA_V
ClientSampleId :

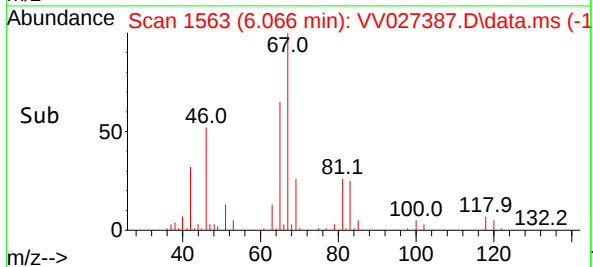
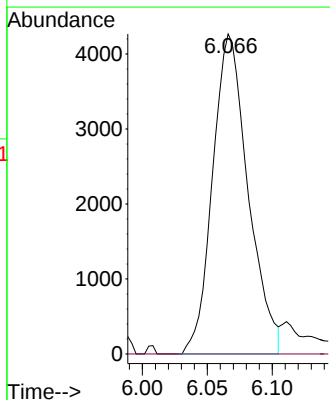
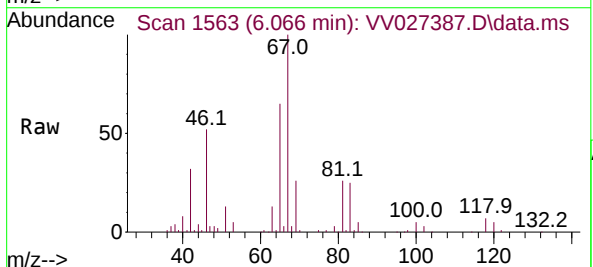


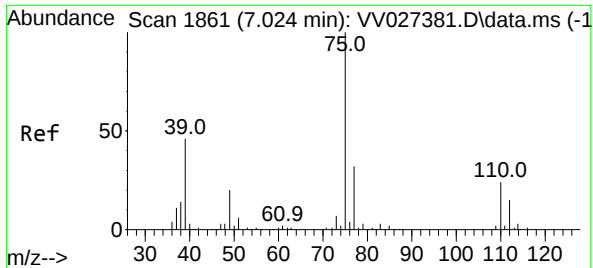
Tgt Ion	95	Resp:	58019
Ion Ratio	100	Lower	Upper
95	100		
97	64.7	45.5	84.5
132	97.2	68.2	126.6
130	101.0	70.3	130.7



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.099 min
Lab File: VV027387.D
Acq: 15 Aug 2022 14:06

Tgt Ion	63	Resp:	8112
Ion Ratio	100	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027387.D

Acq: 15 Aug 2022 14:06

Instrument :

MSVOA_V

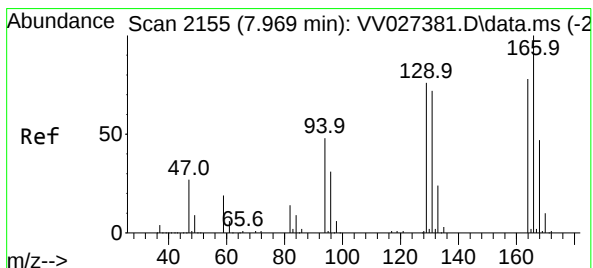
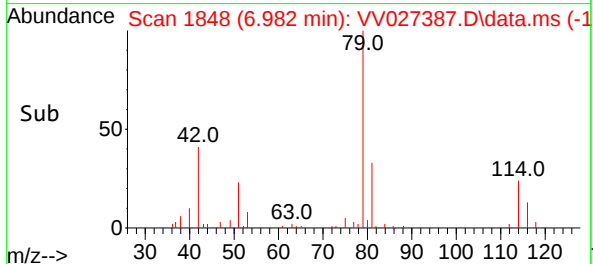
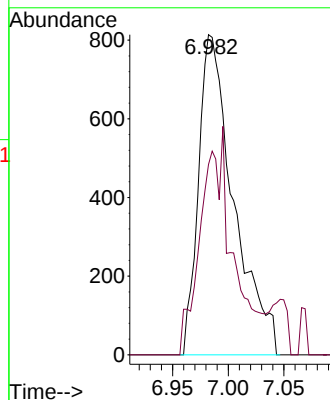
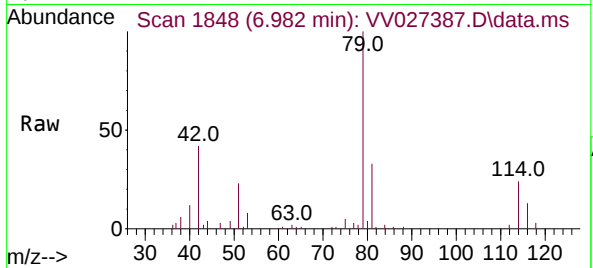
ClientSampleId :

Tgt Ion: 75 Resp: 1785

Ion Ratio Lower Upper

75 100

77 59.5 23.2 43.0#



#47

Tetrachloroethene

Concen: 0.111 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.007 min

Lab File: VV027387.D

Acq: 15 Aug 2022 14:06

Tgt Ion: 164 Resp: 1111

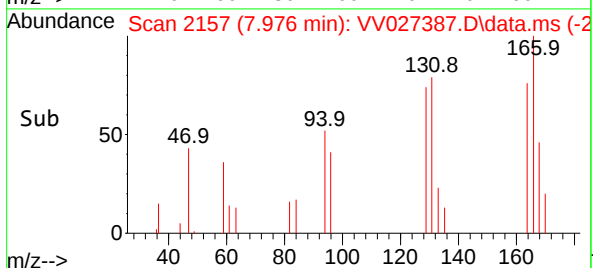
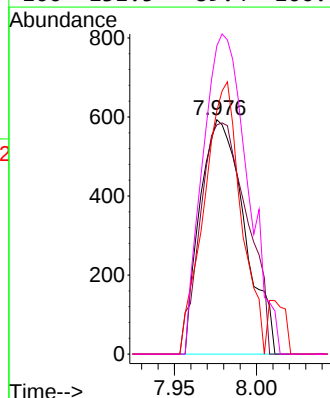
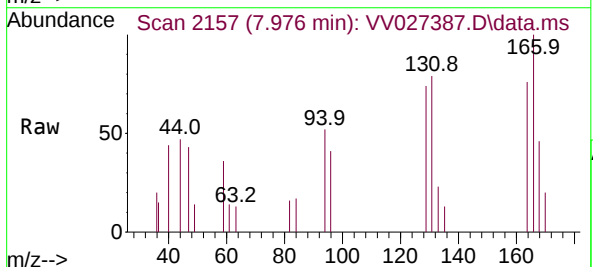
Ion Ratio Lower Upper

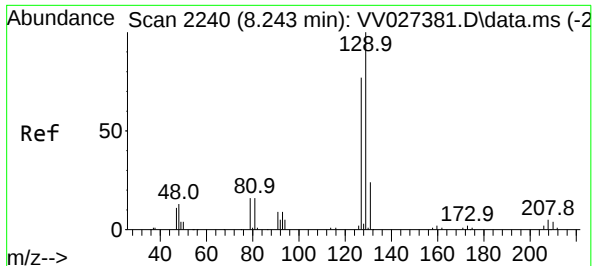
164 100

129 97.8 69.0 128.1

131 103.9 64.7 120.1

166 131.5 89.4 166.0





#49

Dibromochloromethane

Concen: 0.110 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV027387.D

Acq: 15 Aug 2022 14:06

Instrument :

MSVOA_V

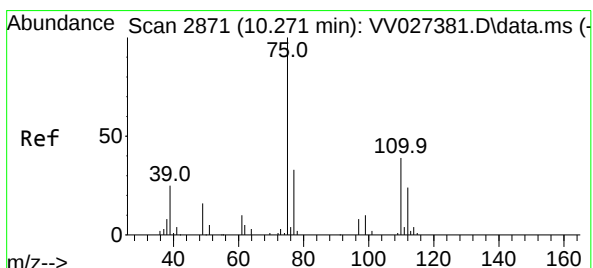
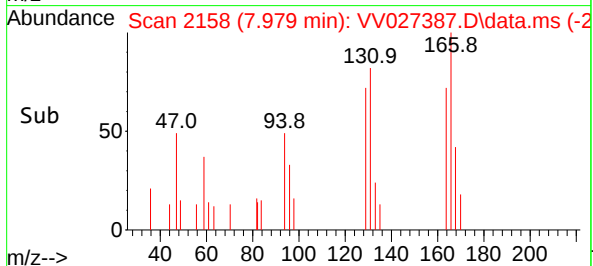
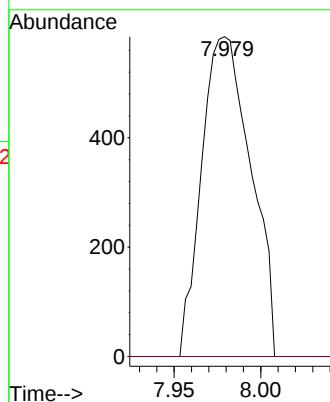
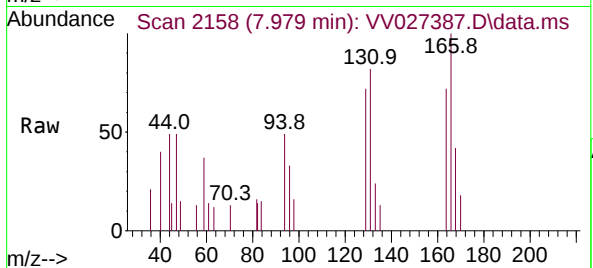
ClientSampleId :

Tgt Ion:129 Resp: 1158

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#61

1,2,3-Trichloropropane

Concen: 1.180 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027387.D

Acq: 15 Aug 2022 14:06

Tgt Ion: 75 Resp: 7155

Ion Ratio Lower Upper

75 100

77 37.0 26.6 39.8

110 6.1 31.0 46.6#

