

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027348.D
 Acq On : 13 Aug 2022 00:09
 Operator : SY/MD
 Sample : N4133-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:19:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

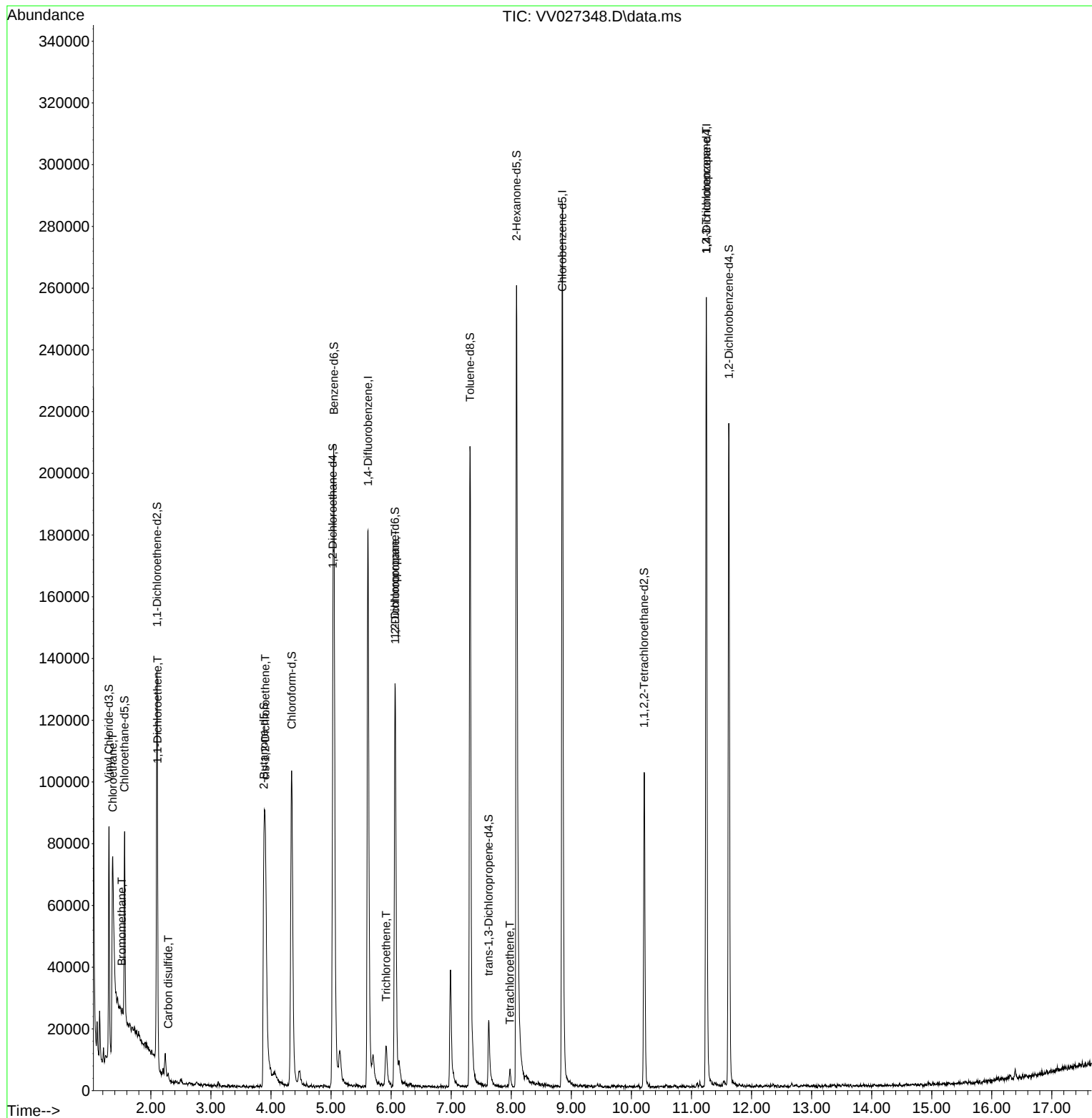
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	146993	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47703	3.735	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.561	69	37223	4.013	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.102	63	66470	2.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.400%#	
20) 2-Butanone-d5	3.883	46	125346	57.955	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.920%	
24) Chloroform-d	4.346	84	106631	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.031	65	52257	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.047	84	180559	3.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.066	67	62602	4.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.314	98	143222	3.316	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	14135	2.798	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.000%	
46) 2-Hexanone-d5	8.088	63	88480	45.252	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49731	4.713	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54619	4.747	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
6) Bromomethane	1.516	94	422	0.055	ug/L	99
8) Chloroethane	1.365	64	123131	13.588	ug/L #	52
12) 1,1-Dichloroethene	2.111	96	877	0.083	ug/L #	1
14) Carbon disulfide	2.288	76	3151	0.074	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	26375	2.060	ug/L	95
34) Trichloroethene	5.915	95	4314	0.317	ug/L	93
37) 1,2-Dichloropropane	6.069	63	7053	0.522	ug/L #	87
47) Tetrachloroethene	7.979	164	1081	0.101	ug/L #	76
61) 1,2,3-Trichloropropane	11.246	75	8134	1.267	ug/L #	67

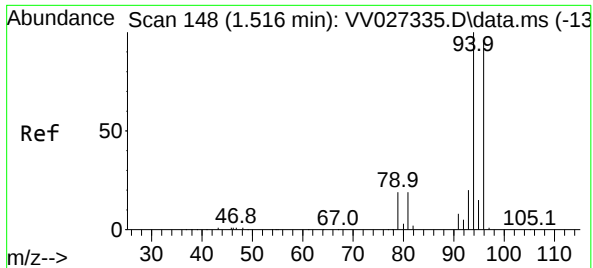
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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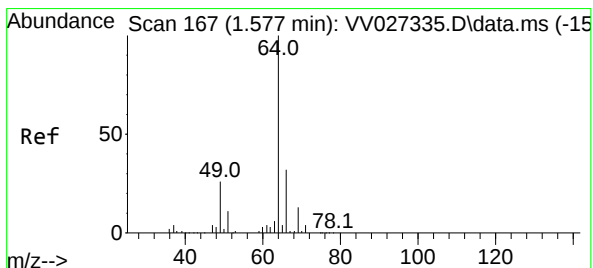
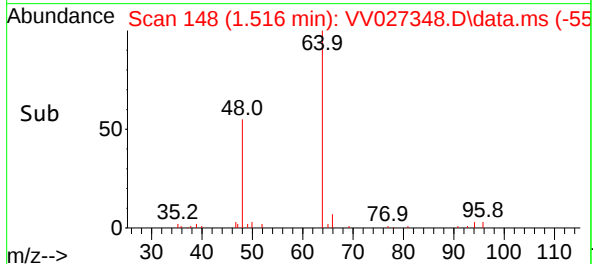
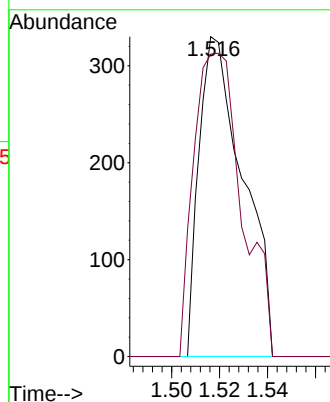
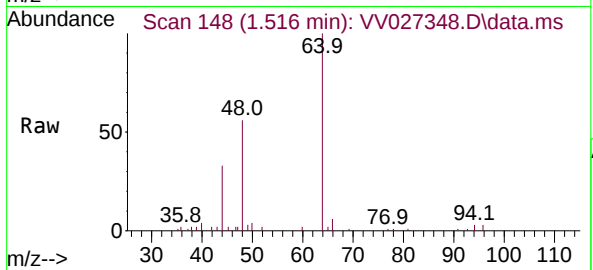




#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV027348.D
Acq: 13 Aug 2022 00:09

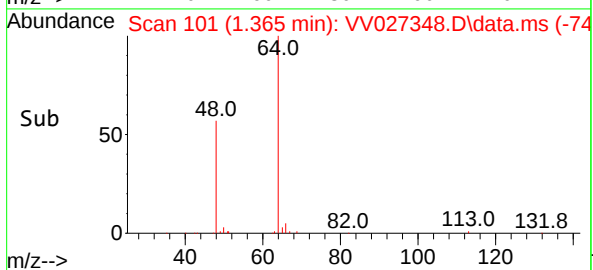
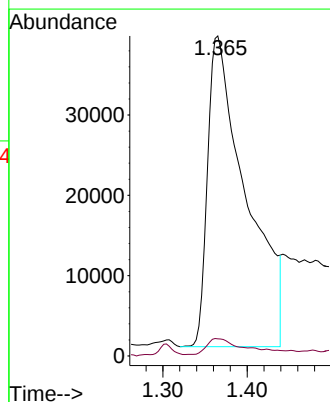
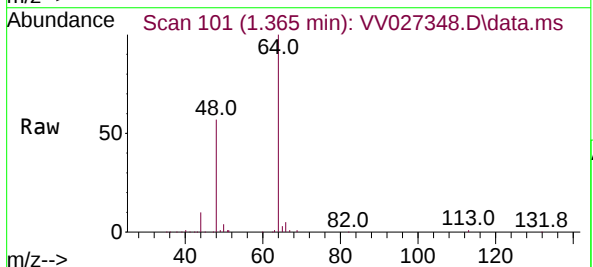
Instrument :
MSVOA_V
ClientSampleId :

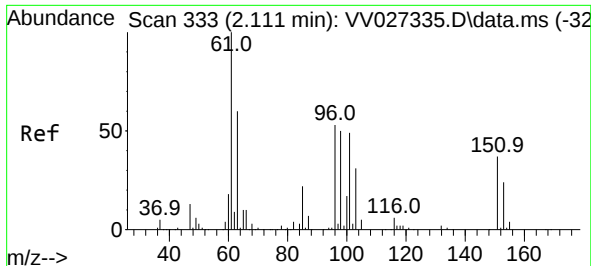
Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 94.5 67.2 124.8



#8
Chloroethane
Concen: 13.588 ug/L
RT: 1.365 min Scan# 101
Delta R.T. -0.212 min
Lab File: VV027348.D
Acq: 13 Aug 2022 00:09

Tgt Ion: 64 Resp: 123131
Ion Ratio Lower Upper
64 100
66 5.3 22.3 41.5#

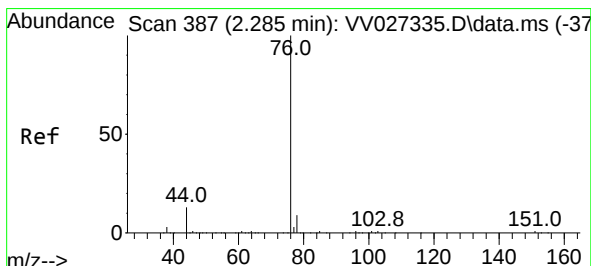
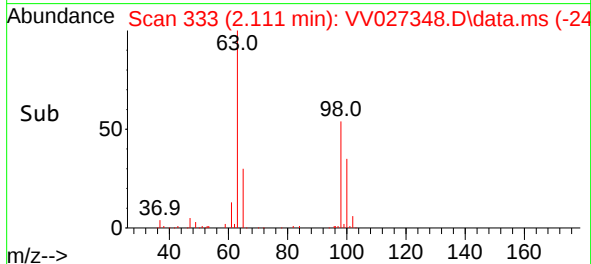
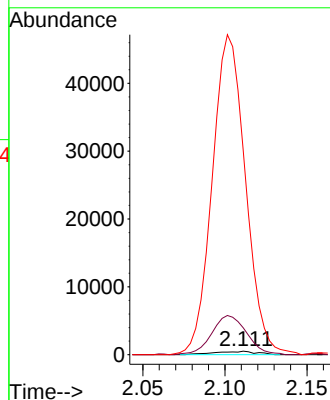
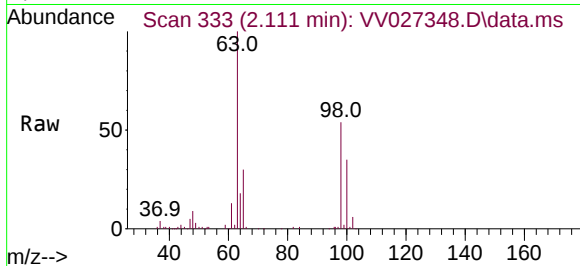




#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV027348.D
Acq: 13 Aug 2022 00:09

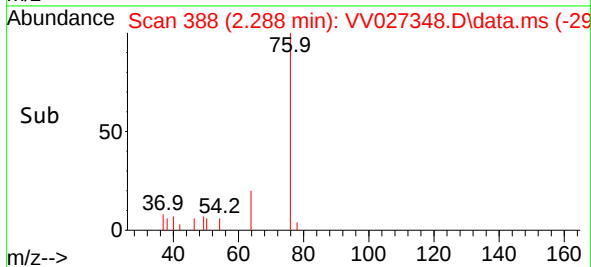
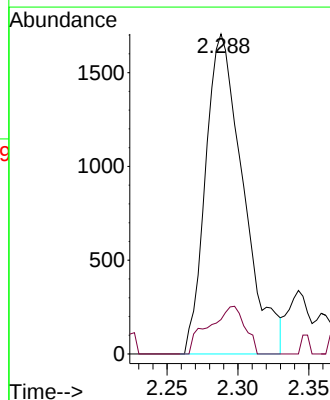
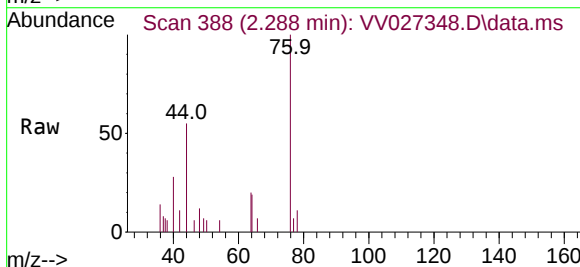
Instrument :
MSVOA_V
ClientSampleId :

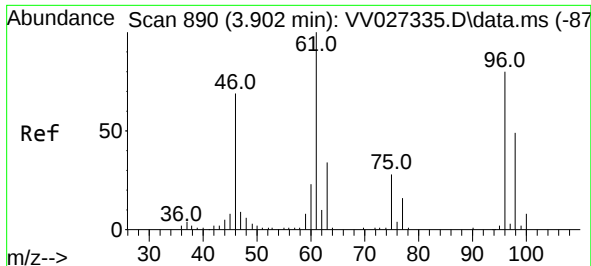
Tgt Ion: 96 Resp: 877
Ion Ratio Lower Upper
96 100
61 753.0 130.7 242.7#
63 5717.1 101.4 188.2#



#14
Carbon disulfide
Concen: 0.074 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV027348.D
Acq: 13 Aug 2022 00:09

Tgt Ion: 76 Resp: 3151
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8





#22

cis-1,2-Dichloroethene

Concen: 2.060 ug/L

RT: 3.905 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV027348.D

Acq: 13 Aug 2022 00:09

Instrument :

MSVOA_V

ClientSampleId :

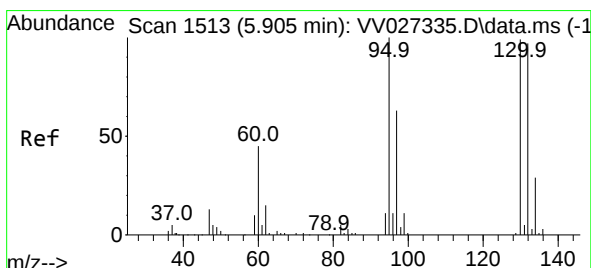
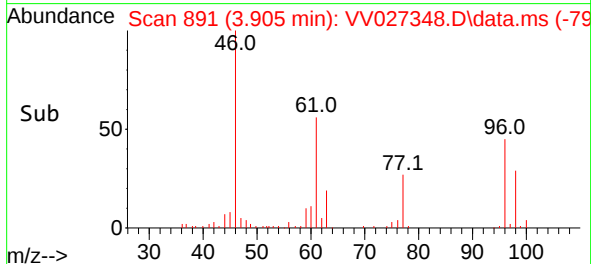
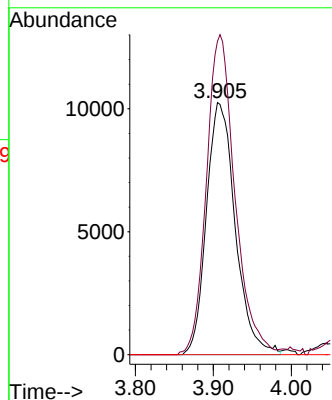
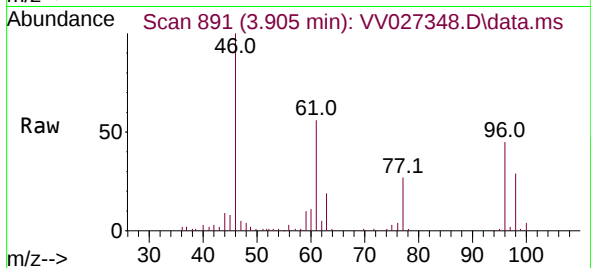
Tgt Ion: 96 Resp: 26375

Ion Ratio Lower Upper

96 100

61 124.3 91.3 169.5

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 0.317 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.010 min

Lab File: VV027348.D

Acq: 13 Aug 2022 00:09

Tgt Ion: 95 Resp: 4314

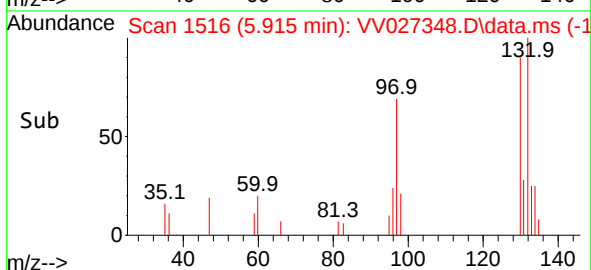
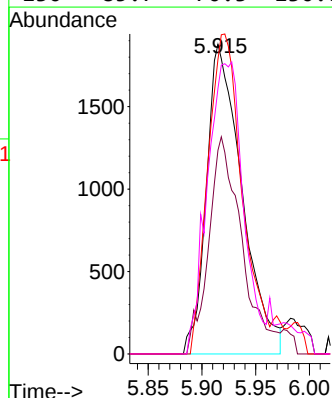
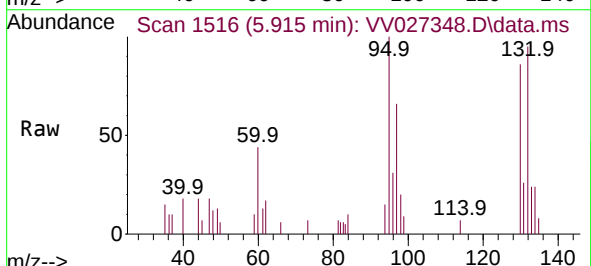
Ion Ratio Lower Upper

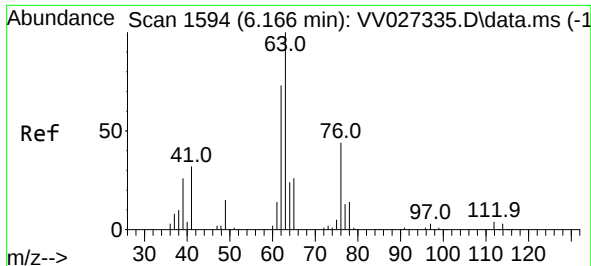
95 100

97 65.8 45.5 84.5

132 95.2 68.2 126.6

130 85.7 70.3 130.7





#37

1,2-Dichloropropane

Concen: 0.522 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV027348.D

Acq: 13 Aug 2022 00:09

Instrument :

MSVOA_V

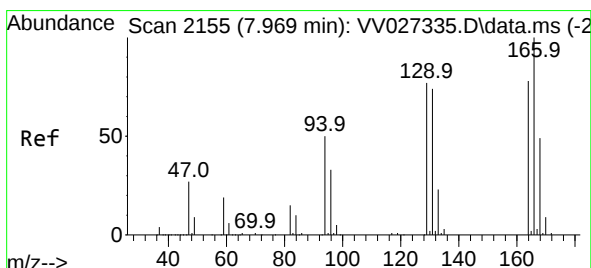
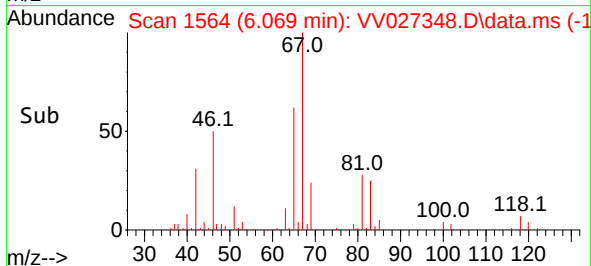
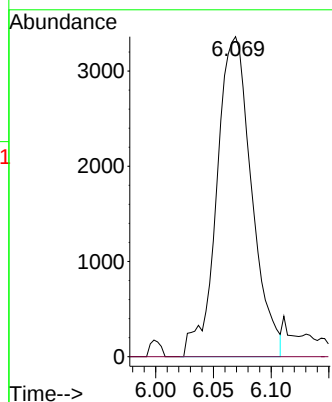
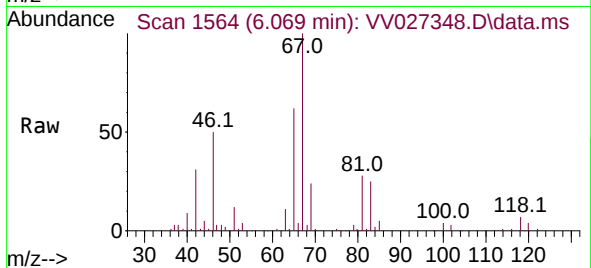
ClientSampleId :

Tgt Ion: 63 Resp: 7053

Ion Ratio Lower Upper

63 100

112 0.6 4.0 6.0#



#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV027348.D

Acq: 13 Aug 2022 00:09

Tgt Ion: 164 Resp: 1081

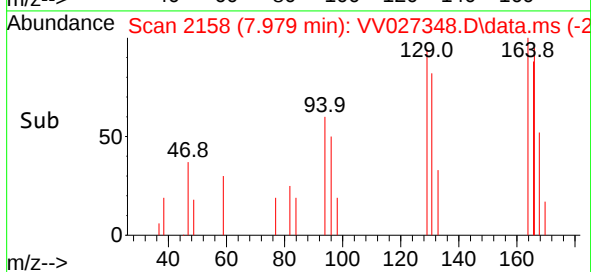
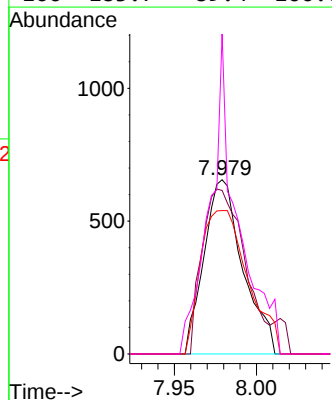
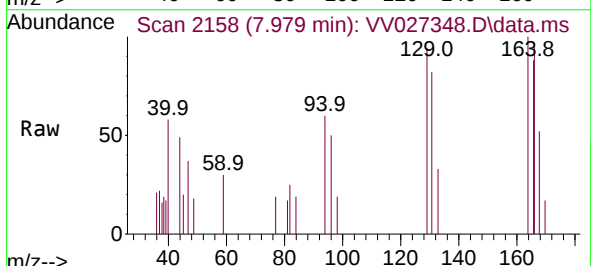
Ion Ratio Lower Upper

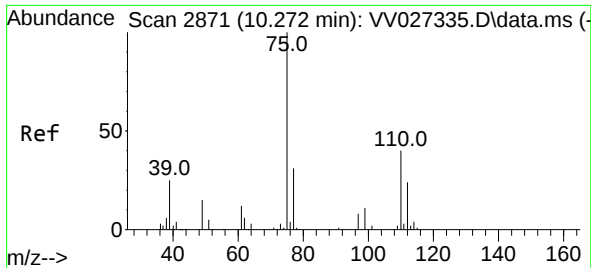
164 100

129 93.9 69.0 128.1

131 82.3 64.7 120.1

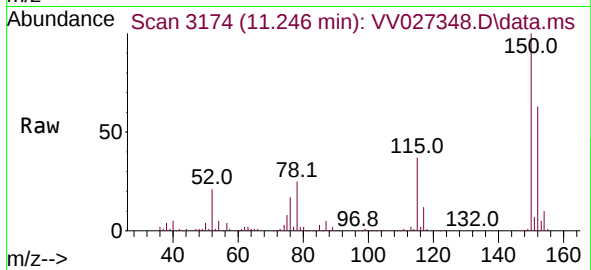
166 183.7 89.4 166.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.267 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV027348.D
 Acq: 13 Aug 2022 00:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8134
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 39.8
 110 3.0 31.0 46.6#

