

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027918.D
 Acq On : 17 Sep 2022 22:39
 Operator : SY/MD
 Sample : N4658-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:37:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

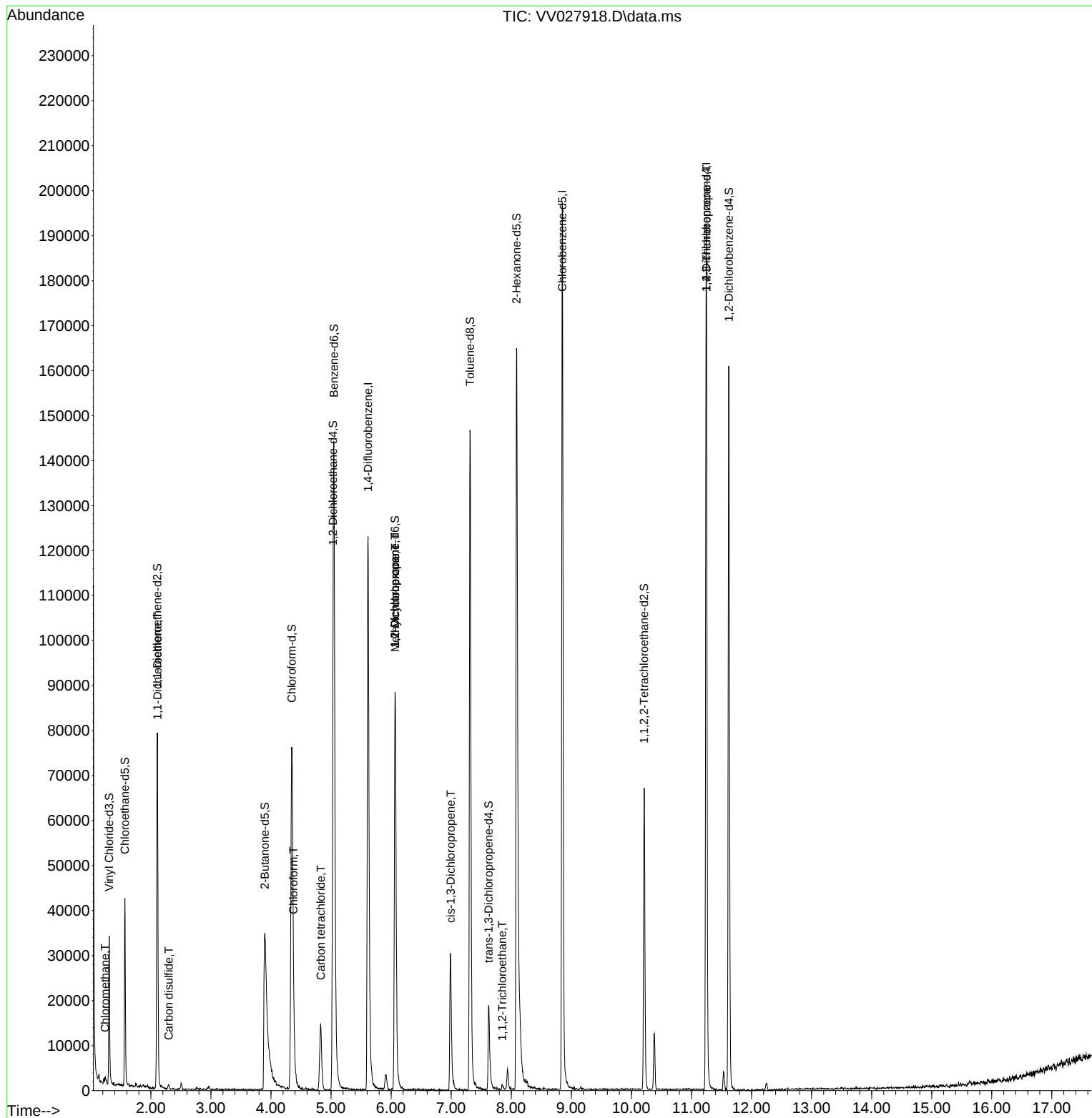
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116011	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	115768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	57737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	21352	2.306	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	46.200%	
7) Chloroethane-d5	1.568	69	26262	4.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.108	63	40411	2.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.400%#	
20) 2-Butanone-d5	3.896	46	75443	52.746	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.500%	
24) Chloroform-d	4.346	84	81147	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.034	65	41360	4.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.047	84	129982	4.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.066	67	40737	4.884	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.313	98	104501	3.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.800%	
43) trans-1,3-Dichloroprop...	7.622	79	13107	3.671	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.088	63	62119	52.457	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28227	4.892	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46154	4.566	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	818	0.112	ug/L	83
12) 1,1-Dichloroethene	2.111	96	757	0.119	ug/L #	1
14) Carbon disulfide	2.298	76	1122	0.073	ug/L #	74
25) Chloroform	4.375	83	7619	0.474	ug/L	92
31) Carbon tetrachloride	4.828	117	11424	0.852	ug/L	99
35) Methylcyclohexane	6.069	83	10988	0.973	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	5413	0.796	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1002	0.098	ug/L #	73
45) 1,1,2-Trichloroethane	7.850	97	504	0.095	ug/L #	39
61) 1,2,3-Trichloropropane	11.249	75	4788	1.208	ug/L #	61

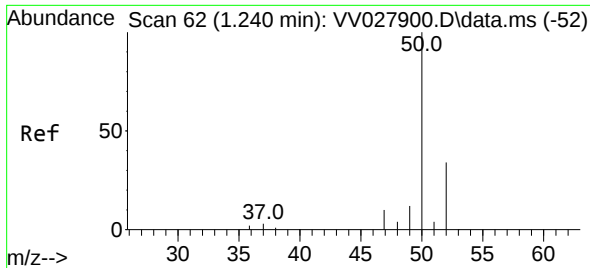
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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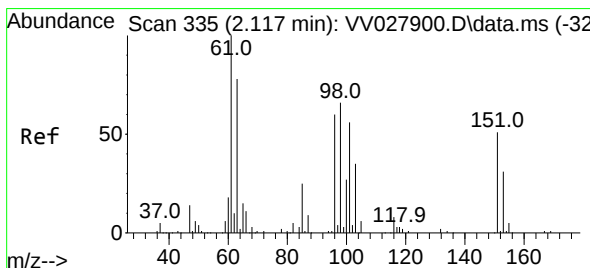
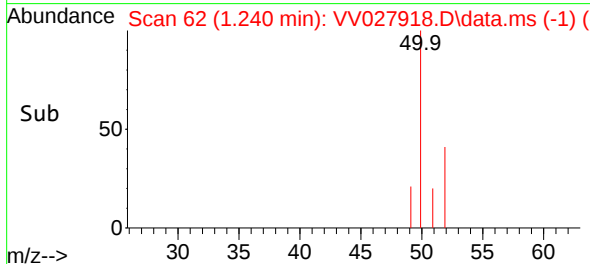
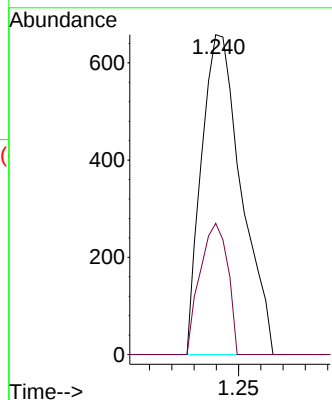
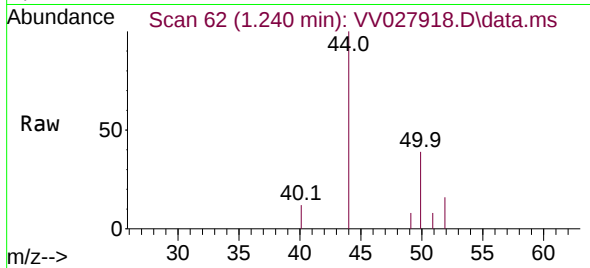




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027918.D
Acq: 17 Sep 2022 22:39

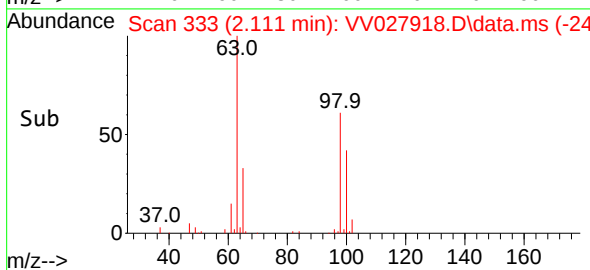
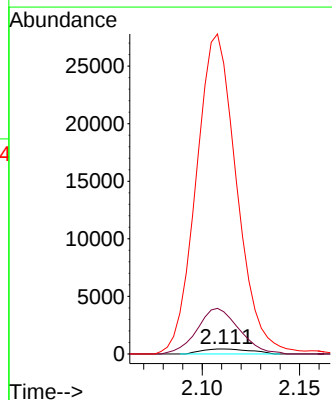
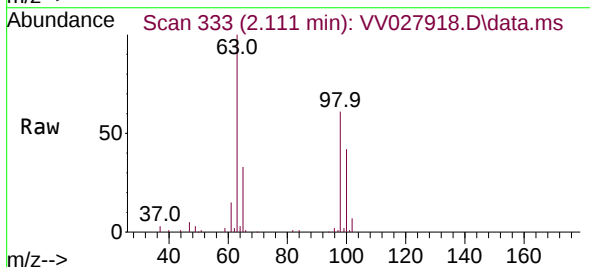
Instrument :
MSVOA_V
ClientSampleId :

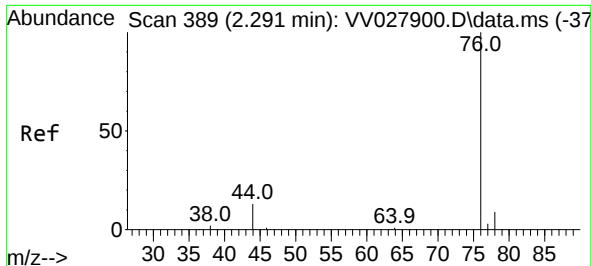
Tgt Ion: 50 Resp: 818
Ion Ratio Lower Upper
50 100
52 41.0 22.1 41.1



#12
1,1-Dichloroethene
Concen: 0.119 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV027918.D
Acq: 17 Sep 2022 22:39

Tgt Ion: 96 Resp: 757
Ion Ratio Lower Upper
96 100
61 846.9 129.9 241.3#
63 5827.3 94.6 175.8#

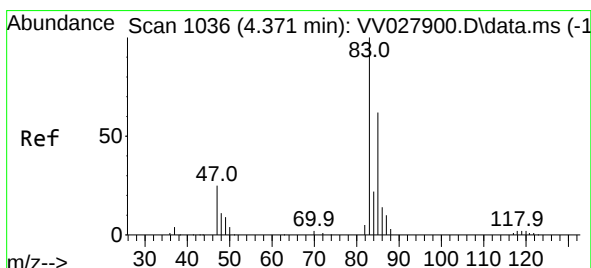
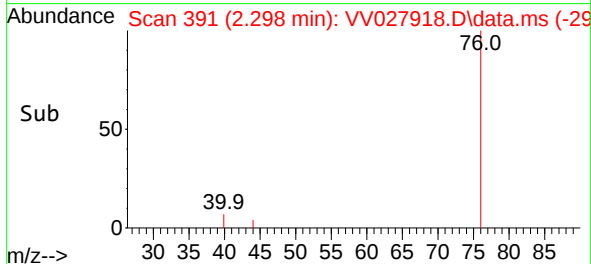
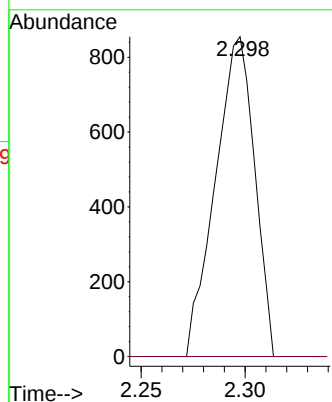
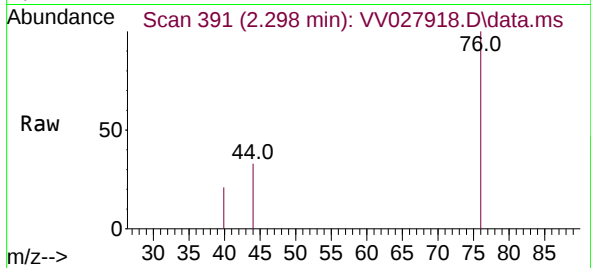




#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.007 min
Lab File: VV027918.D
Acq: 17 Sep 2022 22:39

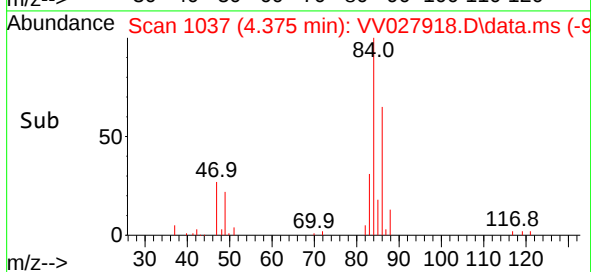
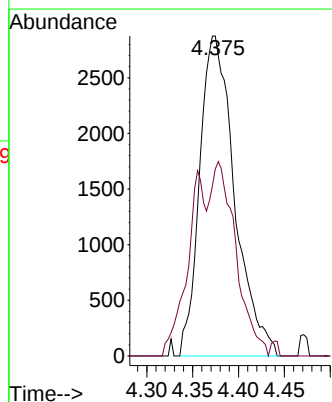
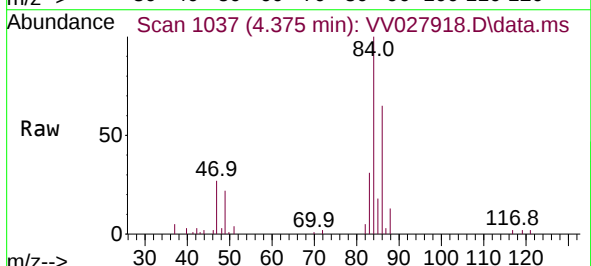
Instrument :
MSVOA_V
ClientSampleId :

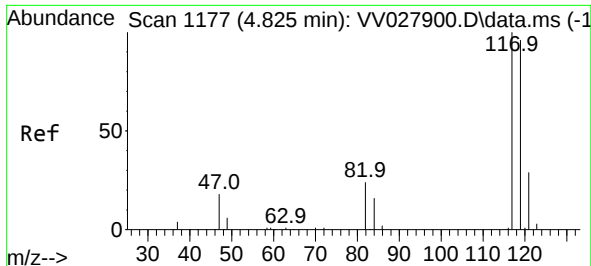
Tgt Ion: 76 Resp: 1122
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#25
Chloroform
Concen: 0.474 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027918.D
Acq: 17 Sep 2022 22:39

Tgt Ion: 83 Resp: 7619
Ion Ratio Lower Upper
83 100
85 58.3 45.4 84.2

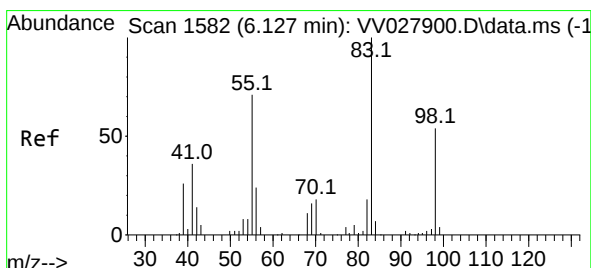
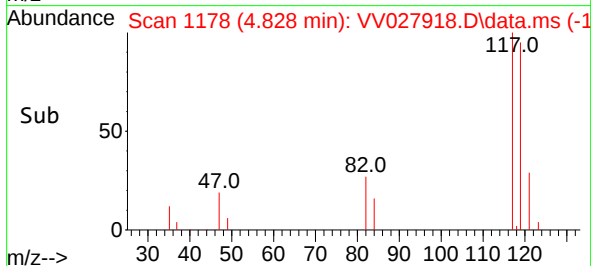
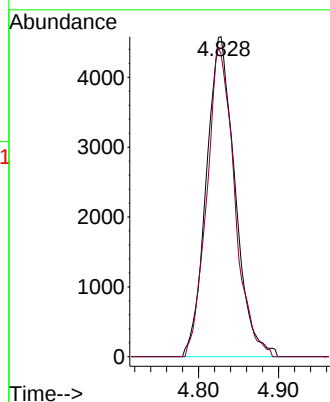
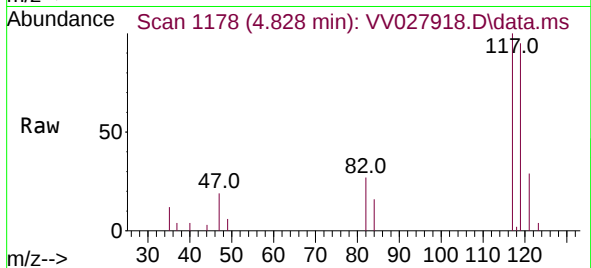




#31
Carbon tetrachloride
Concen: 0.852 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV027918.D
Acq: 17 Sep 2022 22:39

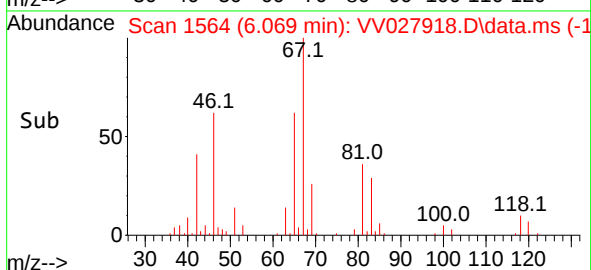
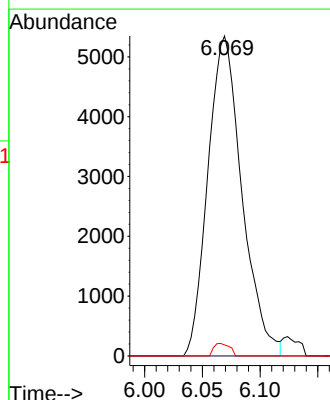
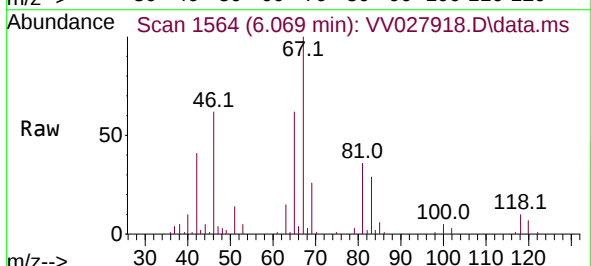
Instrument :
MSVOA_V
ClientSampleId :

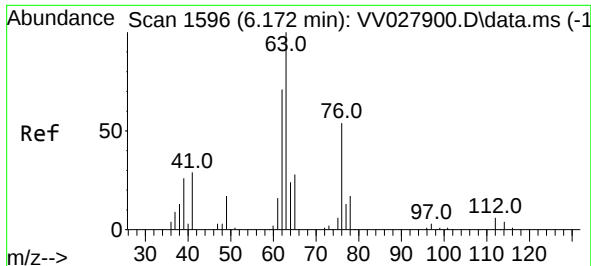
Tgt Ion: 117 Resp: 11424
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8



#35
Methylcyclohexane
Concen: 0.973 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027918.D
Acq: 17 Sep 2022 22:39

Tgt Ion: 83 Resp: 10988
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.8 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.796 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027918.D

Acq: 17 Sep 2022 22:39

Instrument :

MSVOA_V

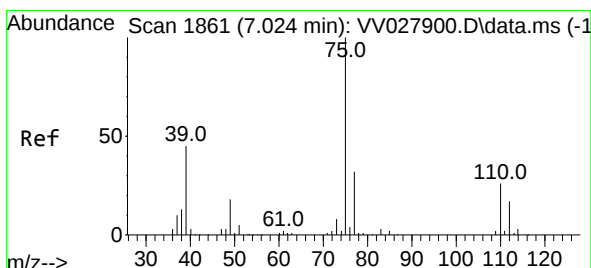
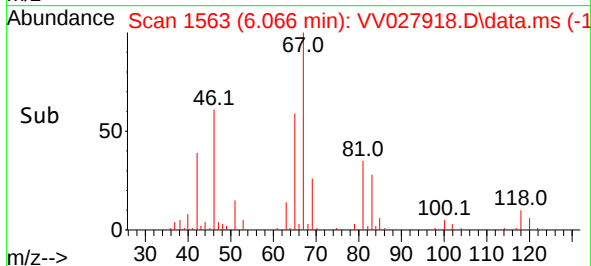
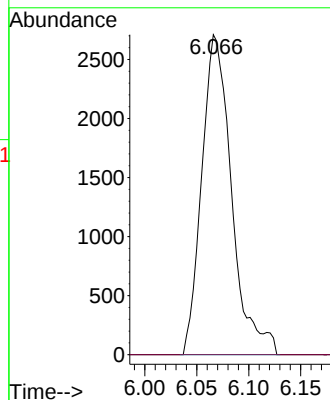
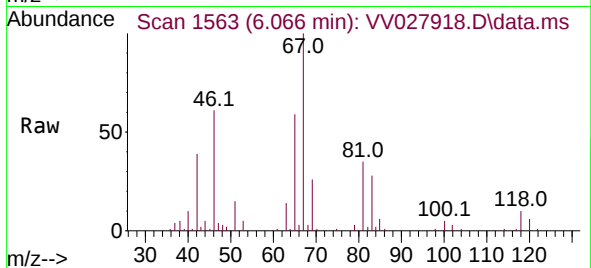
ClientSampleId :

Tgt Ion: 63 Resp: 5413

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV027918.D

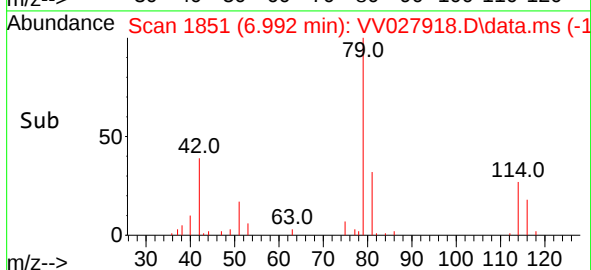
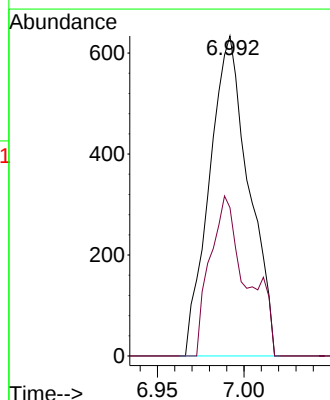
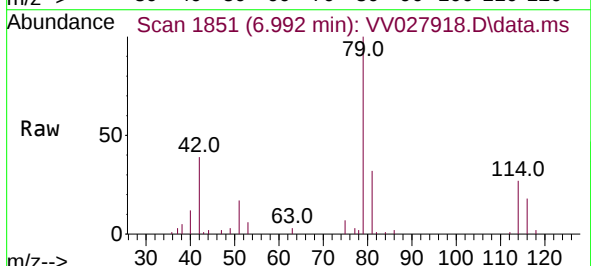
Acq: 17 Sep 2022 22:39

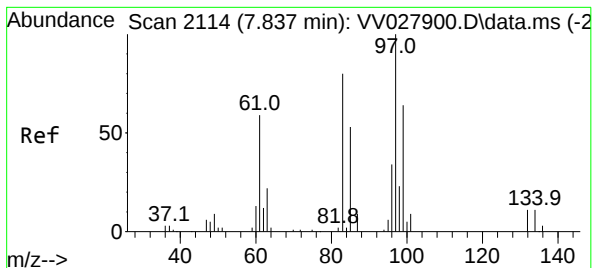
Tgt Ion: 75 Resp: 1002

Ion Ratio Lower Upper

75 100

77 46.4 22.0 40.8#





#45

1,1,2-Trichloroethane

Concen: 0.095 ug/L

RT: 7.850 min Scan# 2114

Delta R.T. 0.013 min

Lab File: VV027918.D

Acq: 17 Sep 2022 22:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 504

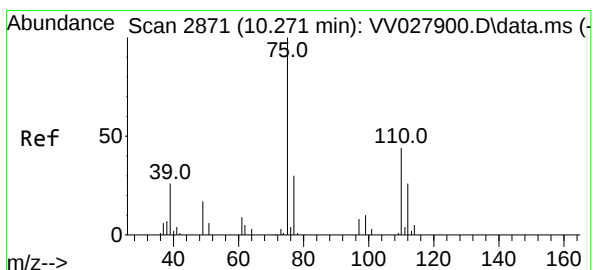
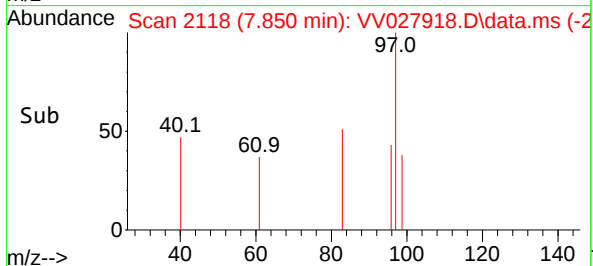
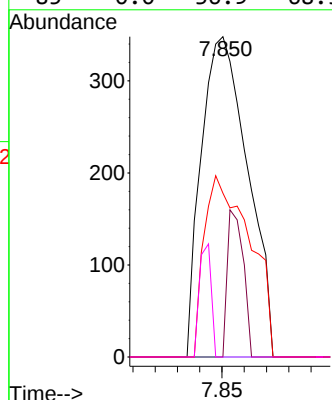
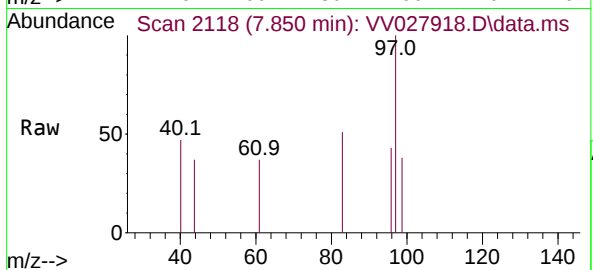
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 51.1 60.3 112.1#

85 0.0 36.9 68.5#



#61

1,2,3-Trichloropropane

Concen: 1.208 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027918.D

Acq: 17 Sep 2022 22:39

Tgt Ion: 75 Resp: 4788

Ion Ratio Lower Upper

75 100

77 33.9 27.6 41.4

110 0.4 35.6 53.4#

