

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027909.D
 Acq On : 17 Sep 2022 18:59
 Operator : SY/MD
 Sample : N4672-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:35:13 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)

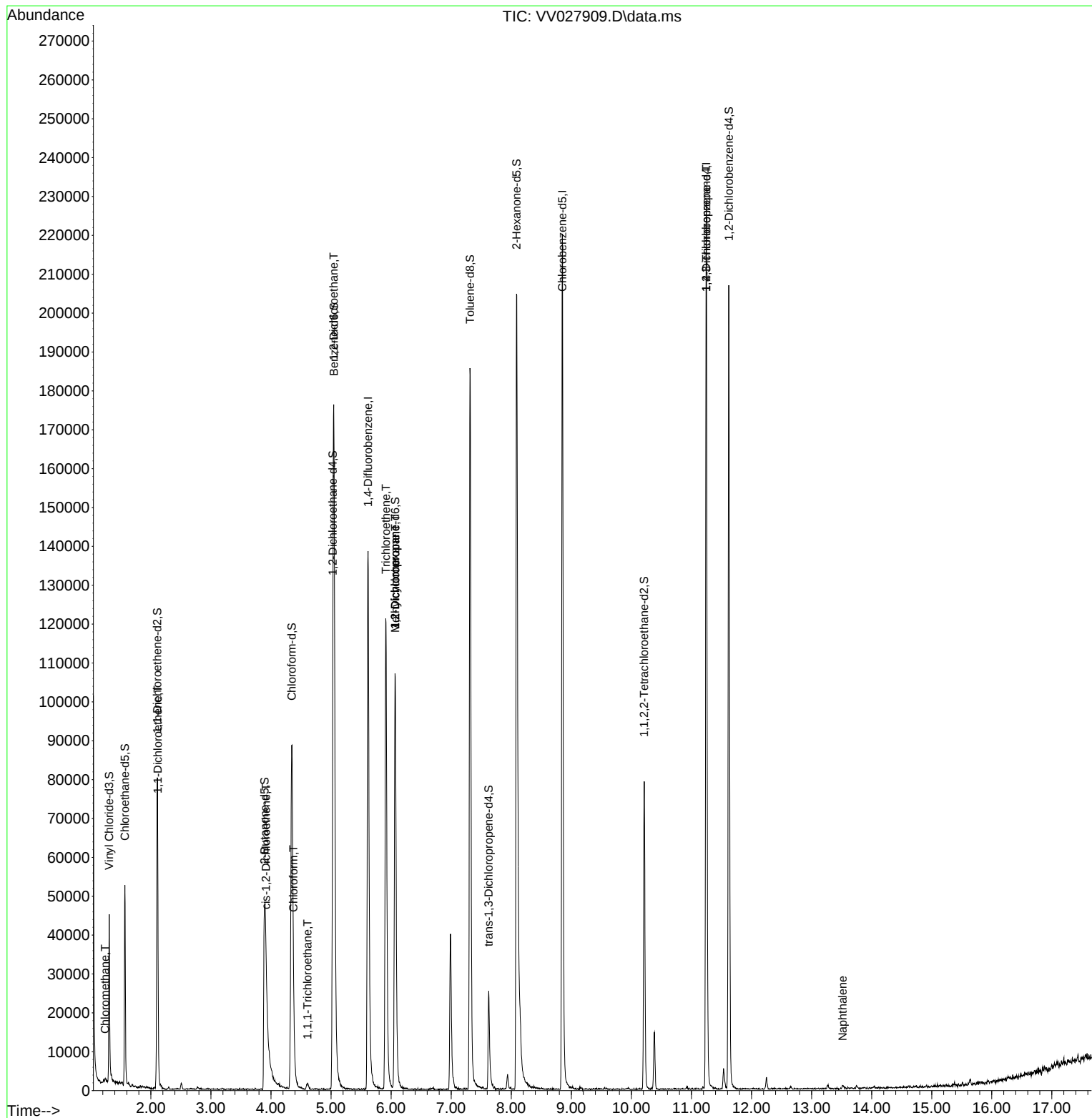
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127975	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28597	2.799	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.000%	
7) Chloroethane-d5	1.568	69	32381	4.484	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.108	63	39624	2.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.400%#	
20) 2-Butanone-d5	3.892	46	104836	66.444	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.880%#	
24) Chloroform-d	4.346	84	94940	5.041	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.030	65	52105	5.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.400%	
32) Benzene-d6	5.047	84	162478	4.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.066	67	48870	5.281	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.313	98	131762	4.019	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.625	79	16113	4.068	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.088	63	76104	57.935	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.860%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34651	5.414	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	56666	4.899	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	364	0.045	ug/L	100
12) 1,1-Dichloroethene	2.114	96	2793	0.398	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	2671	0.300	ug/L #	95
25) Chloroform	4.375	83	8280	0.467	ug/L	96
27) 1,2-Dichloroethane	5.043	62	942	0.094	ug/L #	75
29) 1,1,1-Trichloroethane	4.609	97	1634	0.097	ug/L #	81
34) Trichloroethene	5.911	95	41910	4.634	ug/L	94
35) Methylcyclohexane	6.069	83	13643	1.089	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	6222	0.825	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	6228	1.373	ug/L #	63
71) Naphthalene	13.516	128	1198	0.069	ug/L #	68

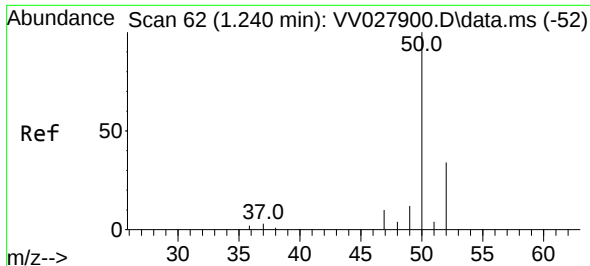
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
Data File : VV027909.D
Acq On : 17 Sep 2022 18:59
Operator : SY/MD
Sample : N4672-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 19 02:35:13 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

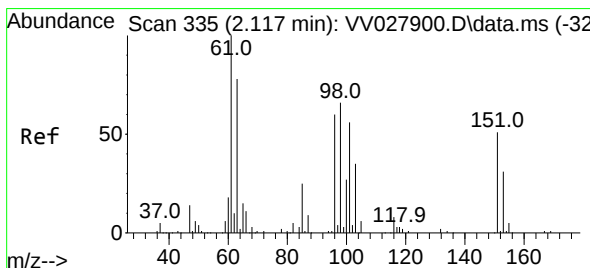
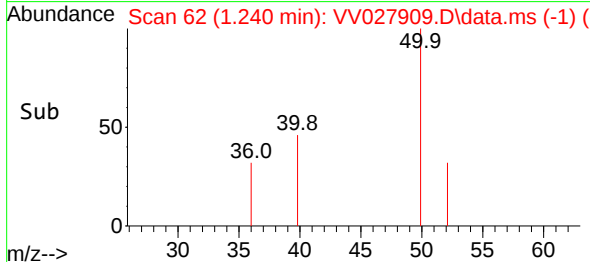
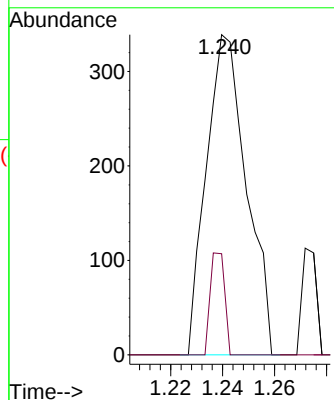
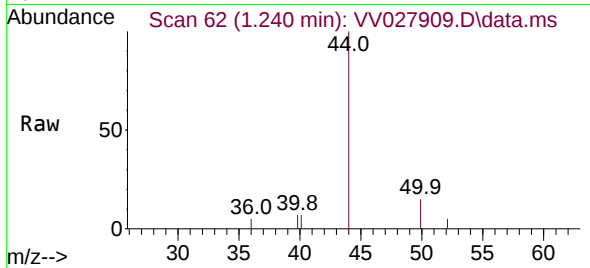




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027909.D
Acq: 17 Sep 2022 18:59

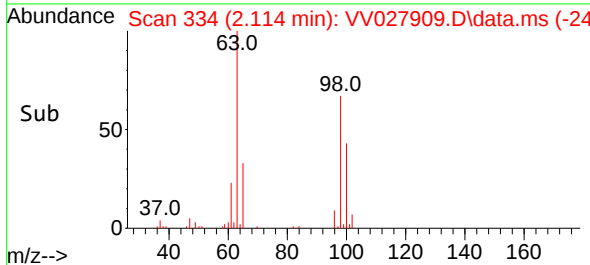
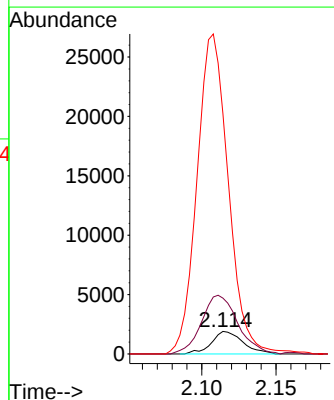
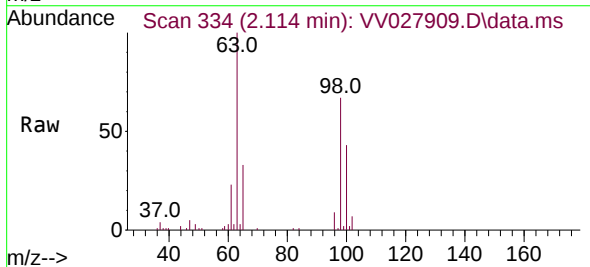
Instrument :
MSVOA_V
ClientSampleId :

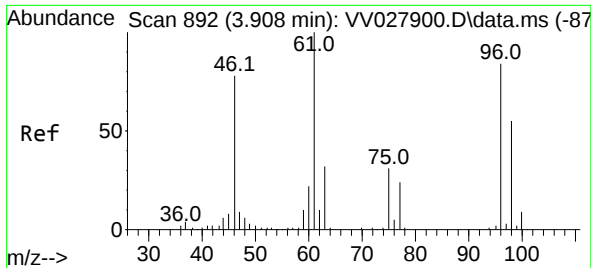
Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 31.6 22.1 41.1



#12
1,1-Dichloroethene
Concen: 0.398 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV027909.D
Acq: 17 Sep 2022 18:59

Tgt Ion: 96 Resp: 2793
Ion Ratio Lower Upper
96 100
61 247.5 129.9 241.3#
63 1065.4 94.6 175.8#

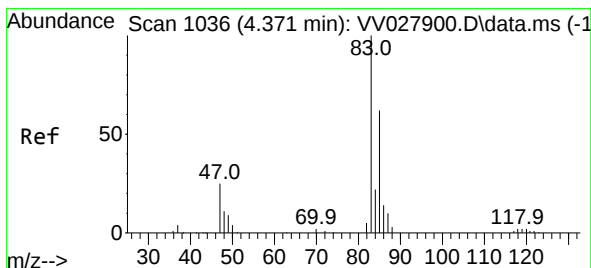
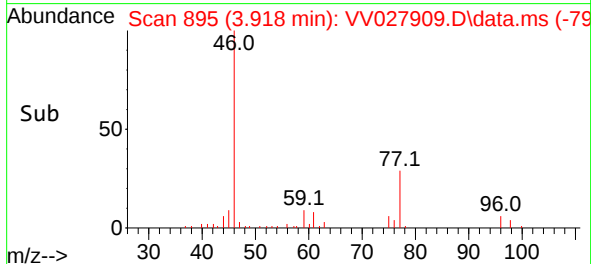
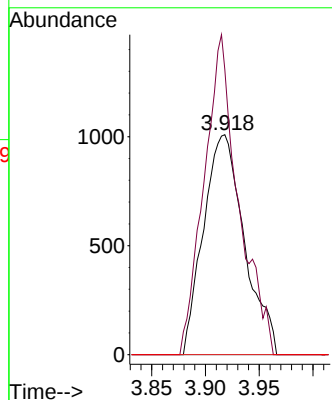
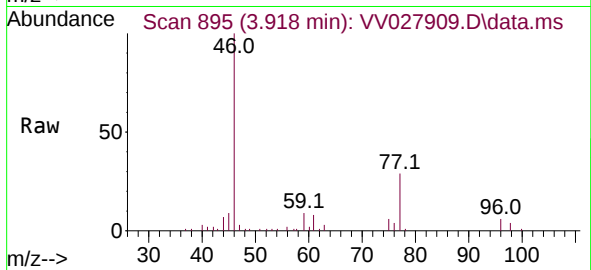




#22
 cis-1,2-Dichloroethene
 Concen: 0.300 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV027909.D
 Acq: 17 Sep 2022 18:59

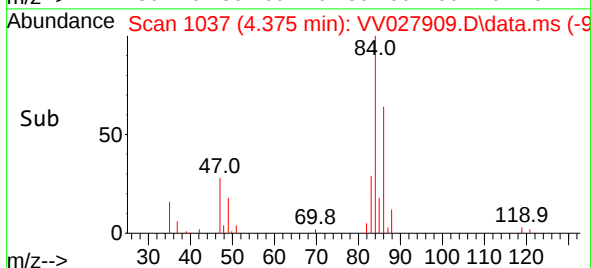
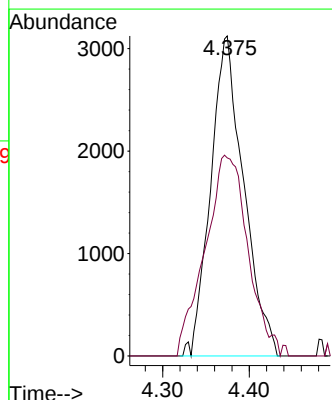
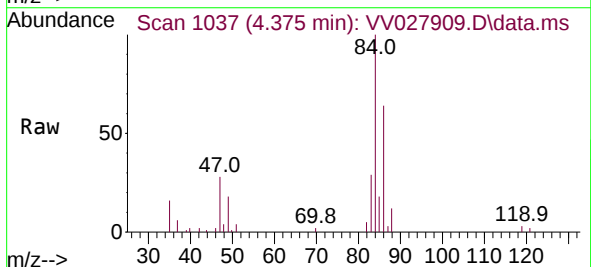
Instrument :
 MSVOA_V
 ClientSampleId :

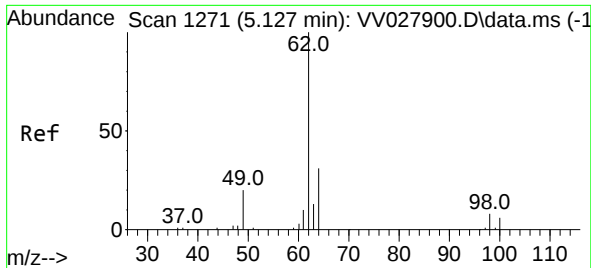
Tgt Ion: 96 Resp: 2671
 Ion Ratio Lower Upper
 96 100
 61 129.5 94.6 175.6
 68 0.0 0.3 0.5#



#25
 Chloroform
 Concen: 0.467 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VV027909.D
 Acq: 17 Sep 2022 18:59

Tgt Ion: 83 Resp: 8280
 Ion Ratio Lower Upper
 83 100
 85 61.9 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.043 min Scan# 1110

Delta R.T. -0.084 min

Lab File: VV027909.D

Acq: 17 Sep 2022 18:59

Instrument :

MSVOA_V

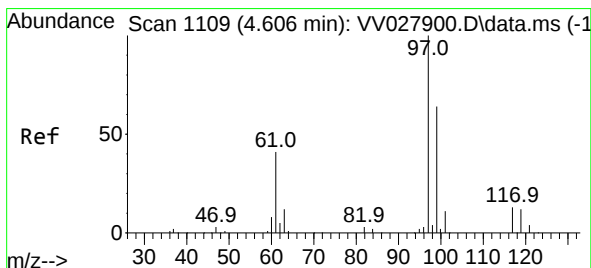
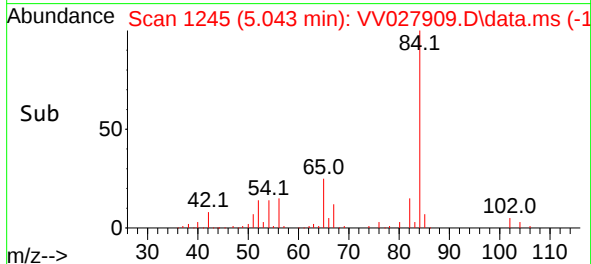
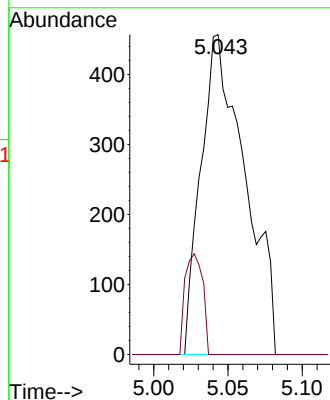
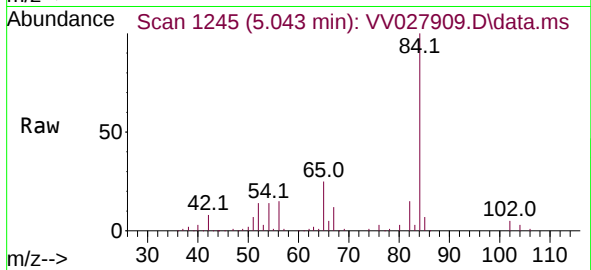
ClientSampleId :

Tgt Ion: 62 Resp: 942

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#29

1,1,1-Trichloroethane

Concen: 0.097 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV027909.D

Acq: 17 Sep 2022 18:59

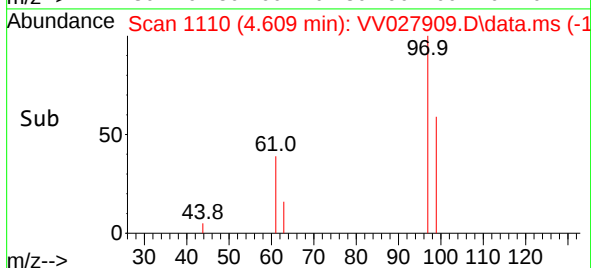
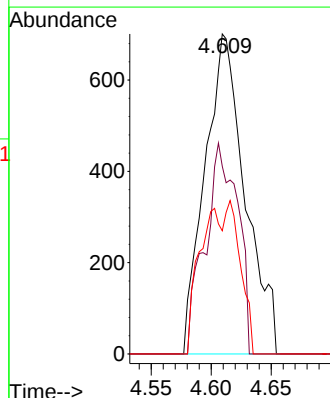
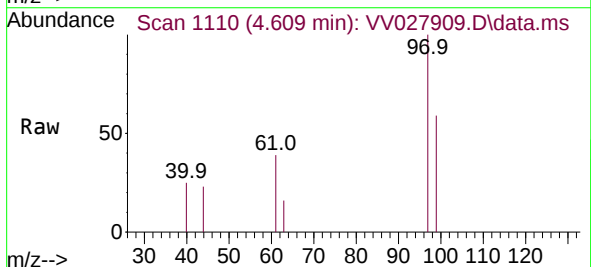
Tgt Ion: 97 Resp: 1634

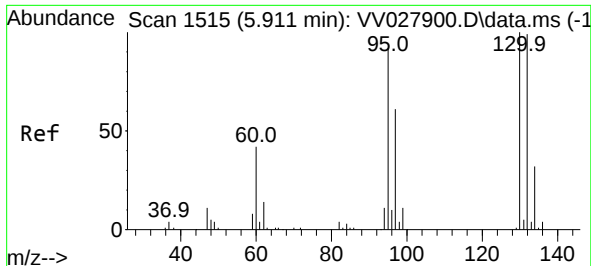
Ion Ratio Lower Upper

97 100

99 53.4 50.8 76.2

61 26.6 36.2 54.4#



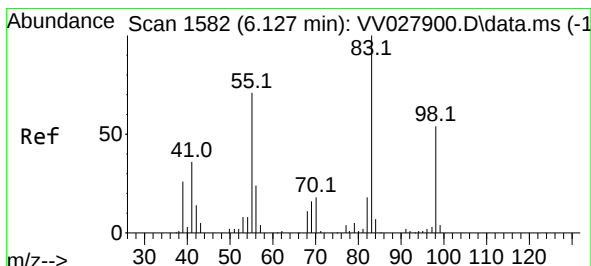
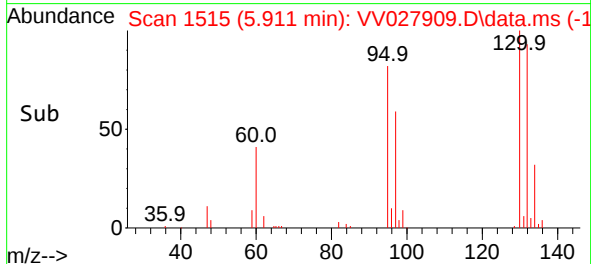
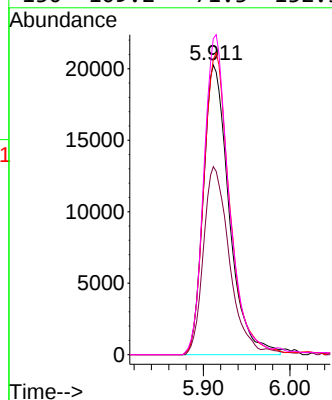
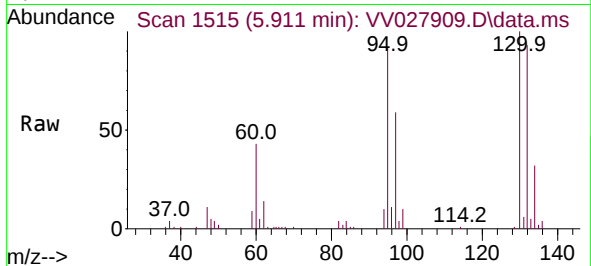


#34
Trichloroethene
Concen: 4.634 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027909.D
Acq: 17 Sep 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 41910

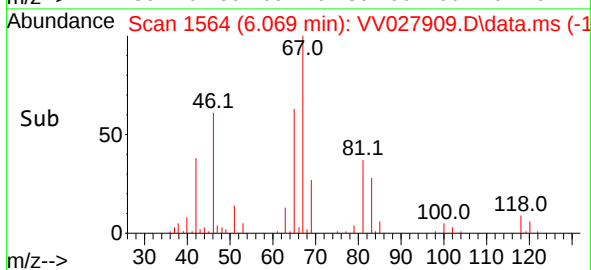
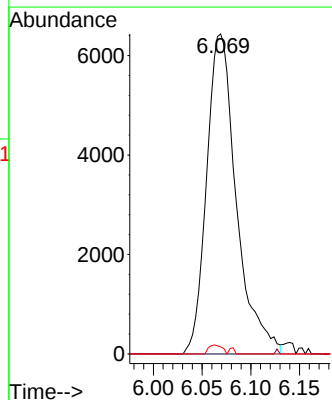
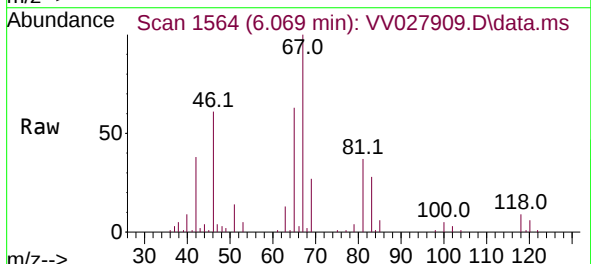
Ion	Ratio	Lower	Upper
95	100		
97	64.9	42.9	79.7
132	102.1	67.9	126.1
130	109.2	71.3	132.3

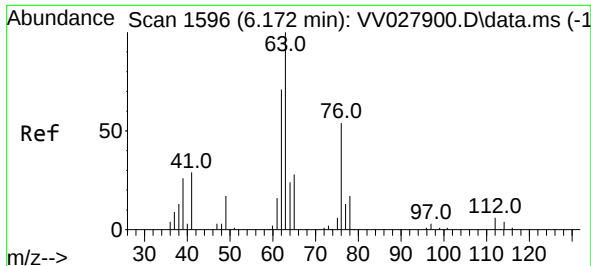


#35
Methylcyclohexane
Concen: 1.089 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027909.D
Acq: 17 Sep 2022 18:59

Tgt Ion: 83 Resp: 13643

Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.9	92.9#
98	1.3	37.5	56.3#





#37

1,2-Dichloropropane

Concen: 0.825 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027909.D

Acq: 17 Sep 2022 18:59

Instrument :

MSVOA_V

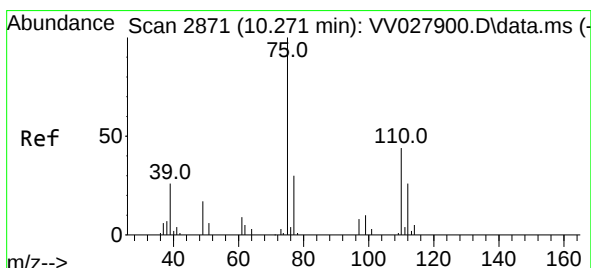
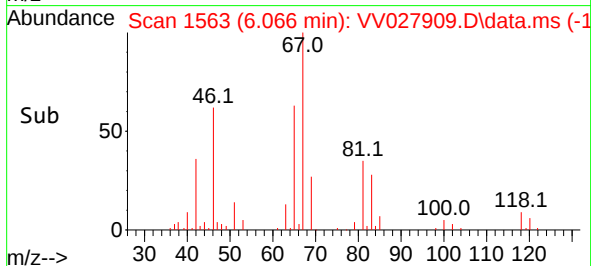
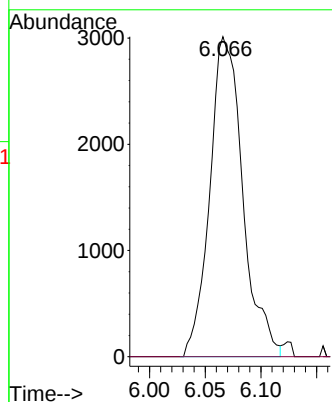
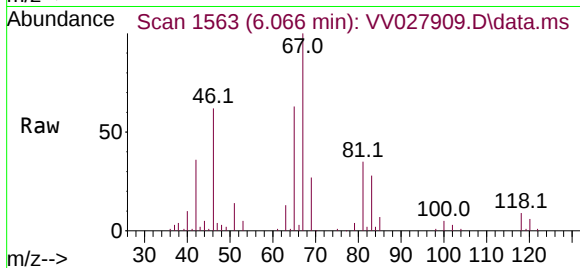
ClientSampleId :

Tgt Ion: 63 Resp: 6222

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.373 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027909.D

Acq: 17 Sep 2022 18:59

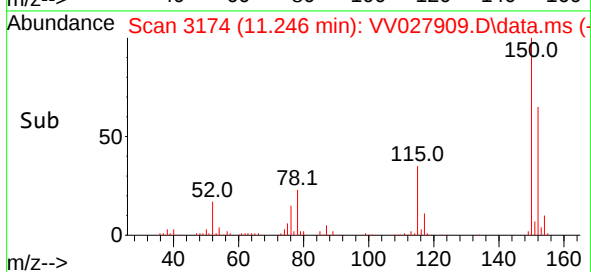
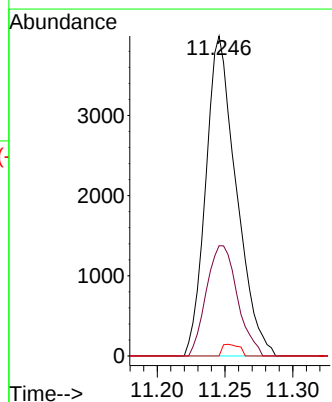
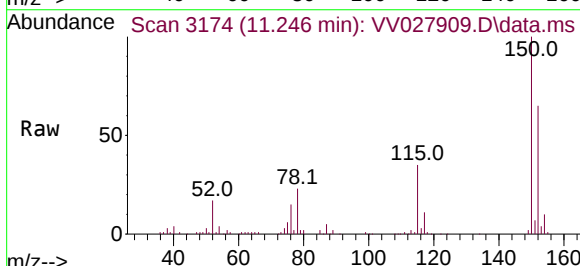
Tgt Ion: 75 Resp: 6228

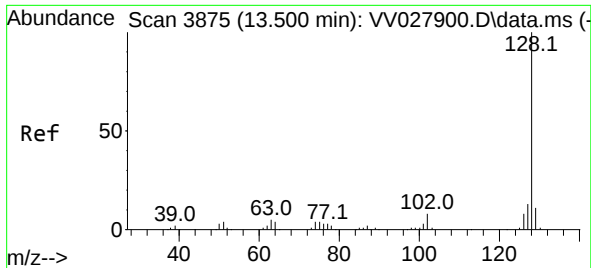
Ion Ratio Lower Upper

75 100

77 35.0 27.6 41.4

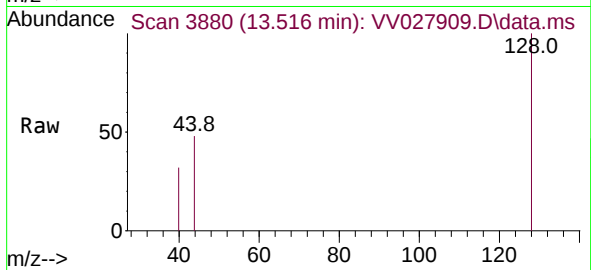
110 2.0 35.6 53.4#





#71
Naphthalene
Concen: 0.069 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV027909.D
Acq: 17 Sep 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1198
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 0.0 10.6 16.0#

