

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023614.D
 Acq On : 18 Nov 2021 19:16
 Operator : SY/MD
 Sample : M4694-06DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:09:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

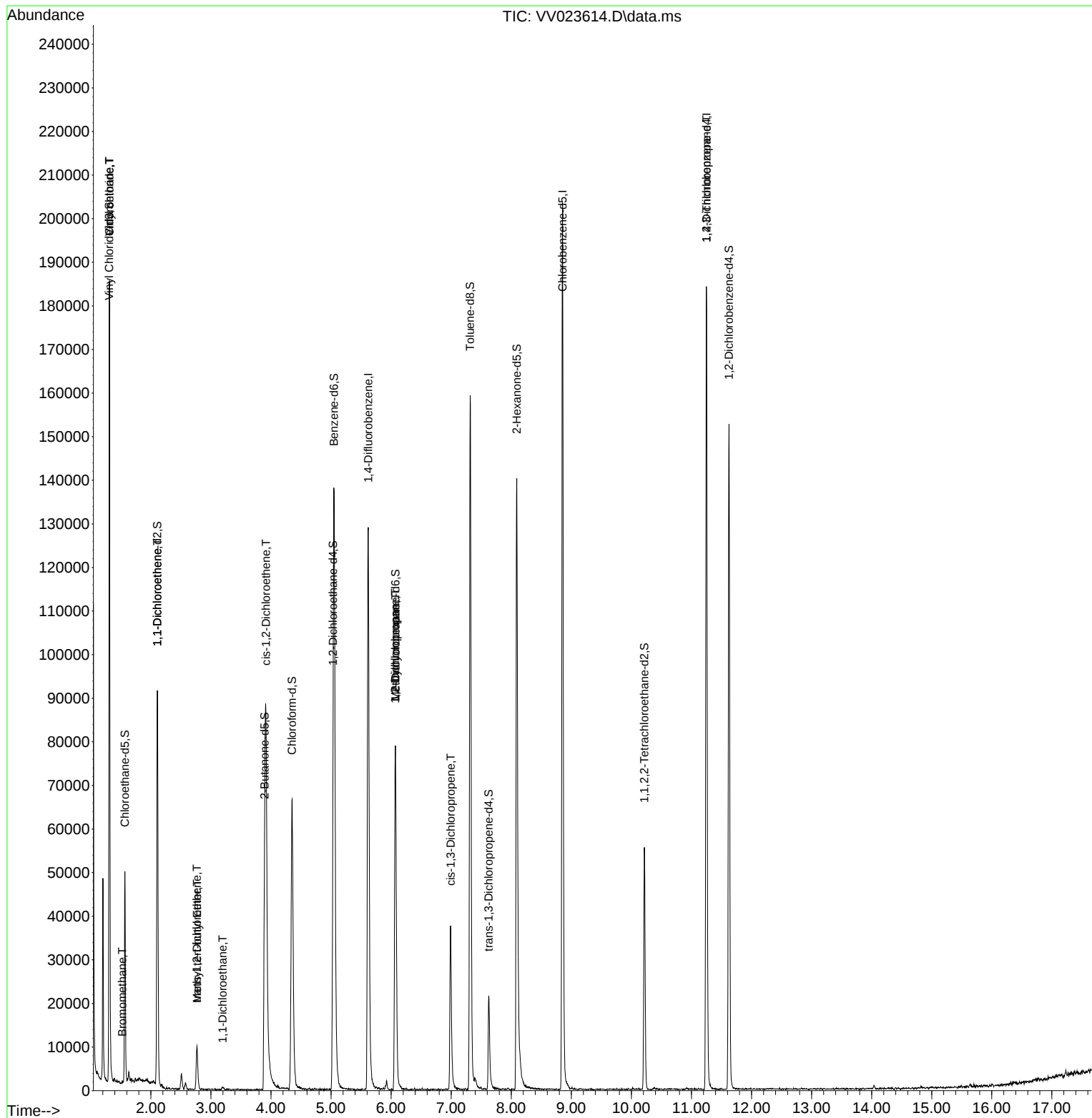
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115210	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34114	4.727	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.568	69	27552	4.684	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.108	63	47254	3.497	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.000%	
20) 2-Butanone-d5	3.892	46	66912	53.812	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.620%	
24) Chloroform-d	4.352	84	65434	4.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.034	65	31865	4.607	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.050	84	126308	4.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.072	67	37339	4.278	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.600%	
41) Toluene-d8	7.317	98	108555	3.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13203	3.989	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.091	63	47125	38.700	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25833	4.116	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40630	4.693	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	78998	8.281	ug/L	100
6) Bromomethane	1.523	94	253	0.041	ug/L	86
8) Chloroethane	1.310	64	25241	4.585	ug/L #	49
12) 1,1-Dichloroethene	2.108	96	481	0.070	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	3507	0.232	ug/L #	94
18) trans-1,2-Dichloroethene	2.767	96	2696	0.319	ug/L	95
19) 1,1-Dichloroethane	3.195	63	804	0.056	ug/L #	84
22) cis-1,2-Dichloroethene	3.915	96	38928	4.789	ug/L #	87
35) Methylcyclohexane	6.072	83	9306	0.686	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4497	0.596	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1082	0.100	ug/L #	73
61) 1,2,3-Trichloropropane	11.249	75	5823	1.686	ug/L #	66

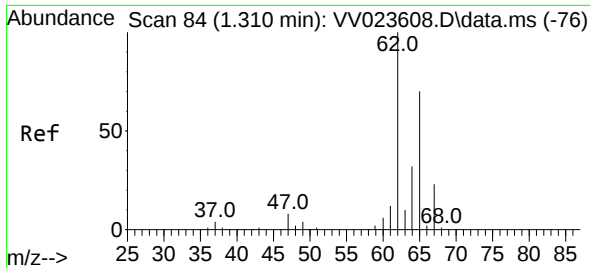
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023614.D
Acq On : 18 Nov 2021 19:16
Operator : SY/MD
Sample : M4694-06DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 19 04:09:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

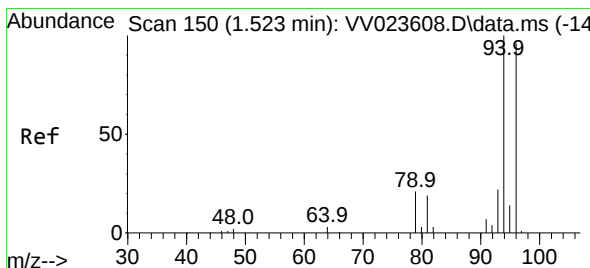
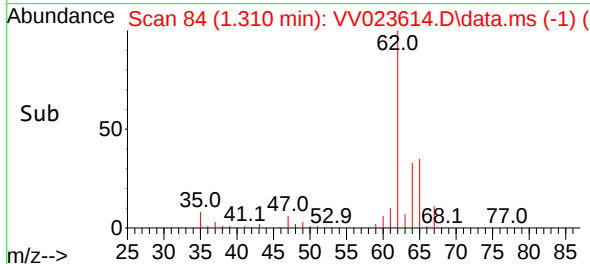
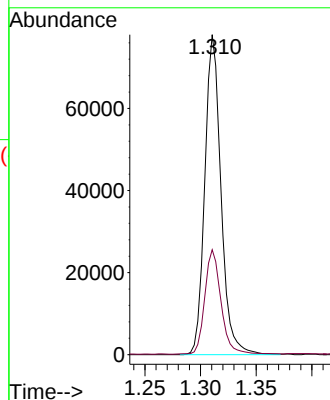
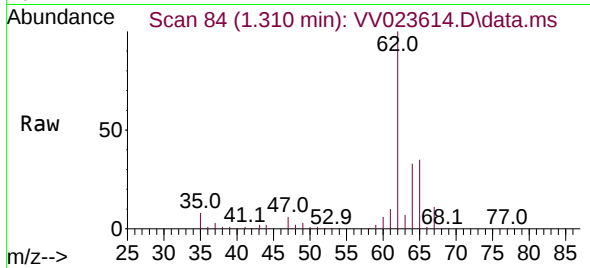




#5
 Vinyl chloride
 Concen: 8.281 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023614.D
 Acq: 18 Nov 2021 19:16

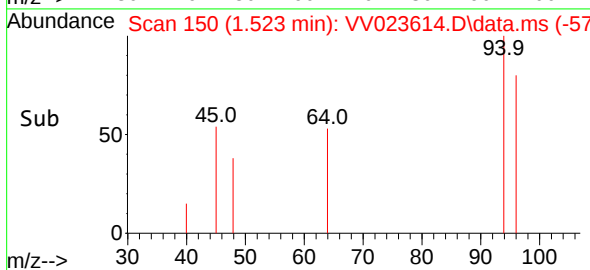
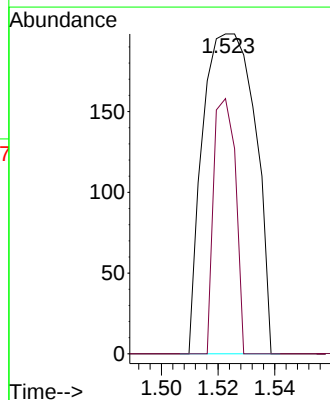
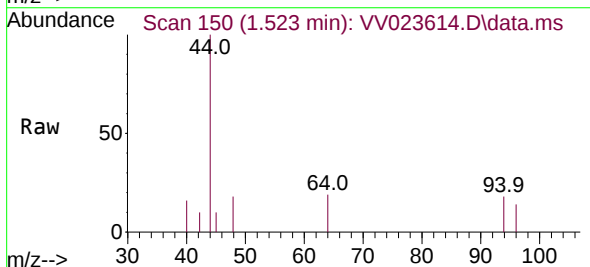
Instrument :
 MSVOA_V
 ClientSampleId :

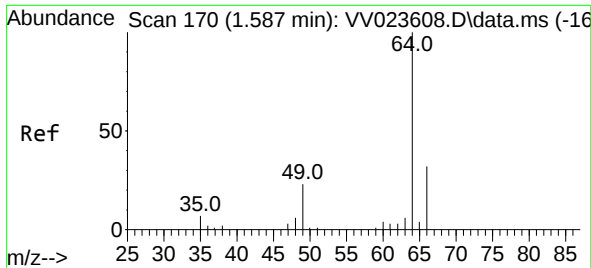
Tgt Ion: 62 Resp: 78998
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 0.041 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023614.D
 Acq: 18 Nov 2021 19:16

Tgt Ion: 94 Resp: 253
 Ion Ratio Lower Upper
 94 100
 96 79.8 65.0 120.8





#8

Chloroethane

Concen: 4.585 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV023614.D

Acq: 18 Nov 2021 19:16

Instrument :

MSVOA_V

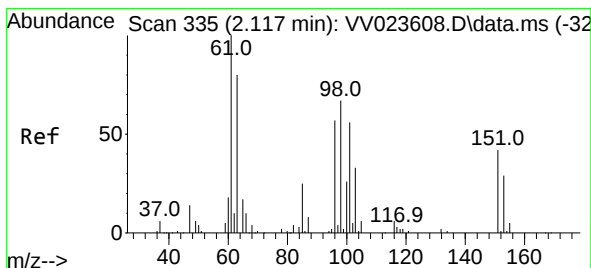
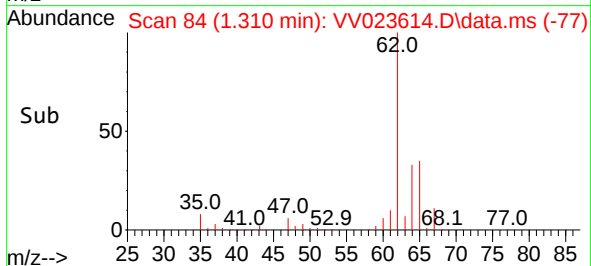
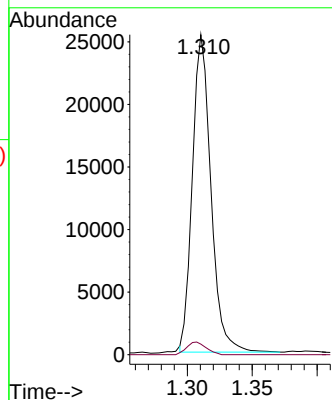
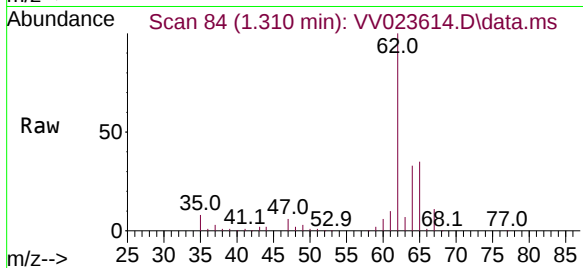
ClientSampleId :

Tgt Ion: 64 Resp: 25241

Ion Ratio Lower Upper

64 100

66 3.3 22.1 41.1#



#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.010 min

Lab File: VV023614.D

Acq: 18 Nov 2021 19:16

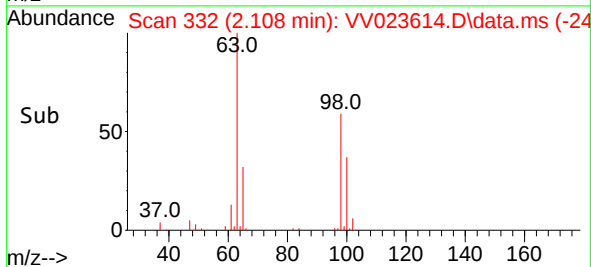
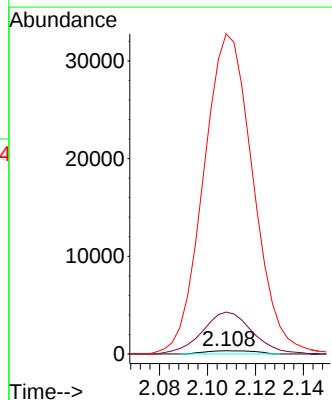
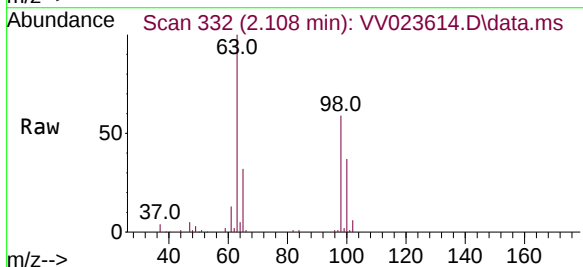
Tgt Ion: 96 Resp: 481

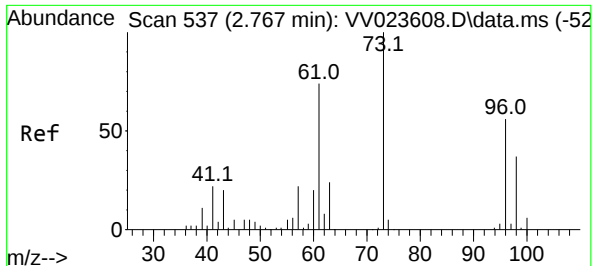
Ion Ratio Lower Upper

96 100

61 1300.0 121.5 225.7#

63 9927.3 99.6 185.0#

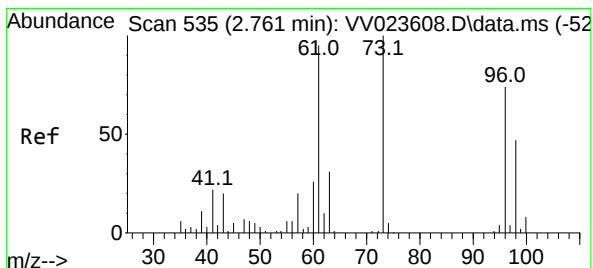
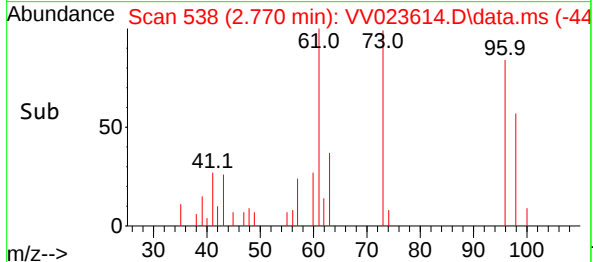
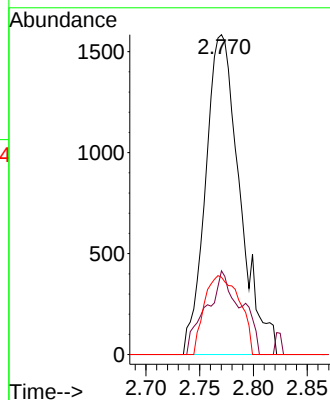
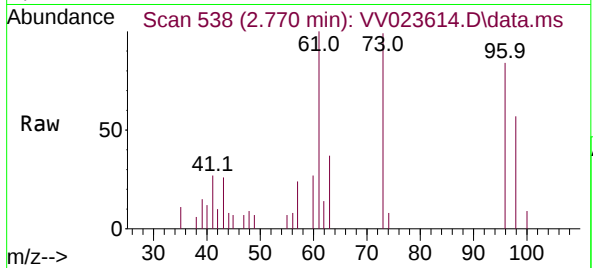




#17
Methyl tert-butyl Ether
Concen: 0.232 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023614.D
Acq: 18 Nov 2021 19:16

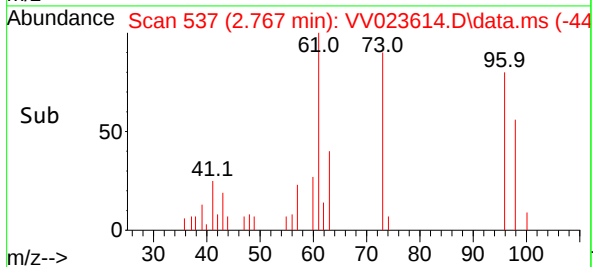
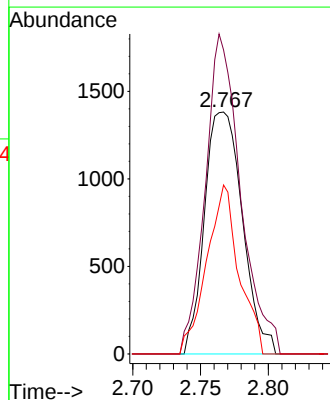
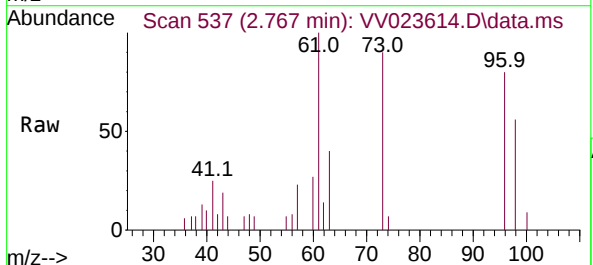
Instrument :
MSVOA_V
ClientSampleId :

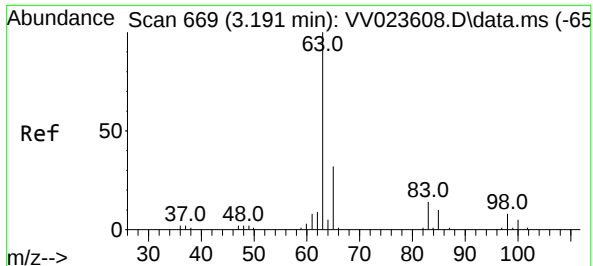
Tgt Ion: 73 Resp: 3507
Ion Ratio Lower Upper
73 100
43 20.9 17.4 26.0
57 25.1 16.5 24.7#



#18
trans-1,2-Dichloroethene
Concen: 0.319 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV023614.D
Acq: 18 Nov 2021 19:16

Tgt Ion: 96 Resp: 2696
Ion Ratio Lower Upper
96 100
61 125.7 93.2 173.2
98 69.8 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.056 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023614.D

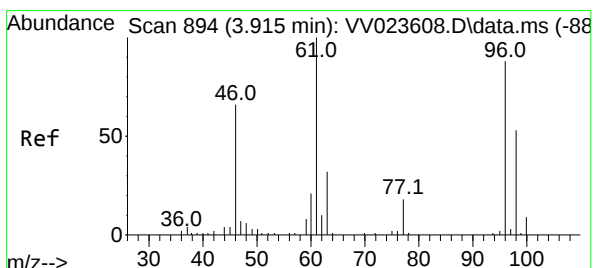
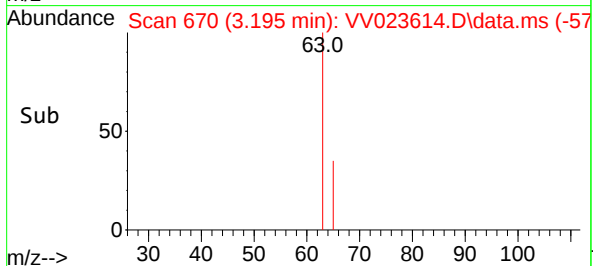
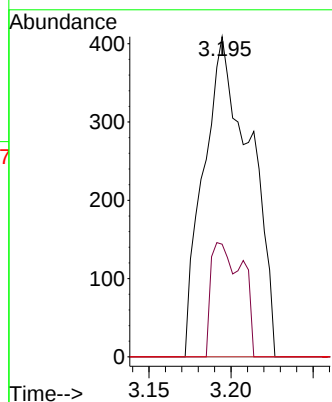
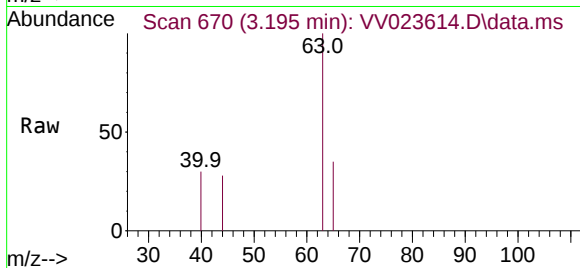
Acq: 18 Nov 2021 19:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp:	804
Ion Ratio	Lower	Upper
63	100	
65	35.2	22.6 42.0
83	0.0	11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 4.789 ug/L

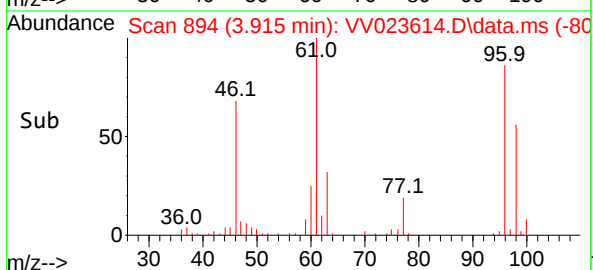
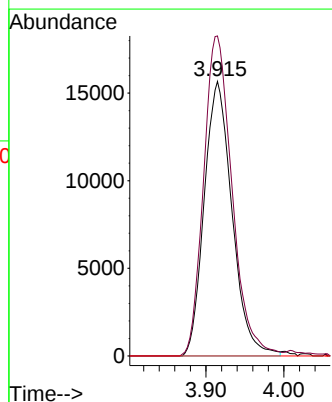
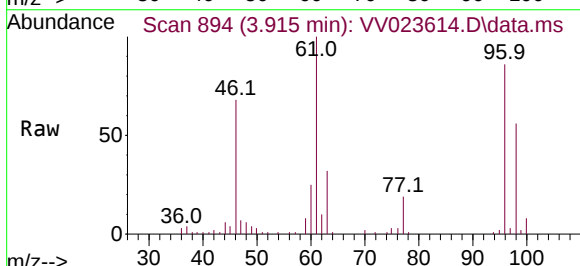
RT: 3.915 min Scan# 894

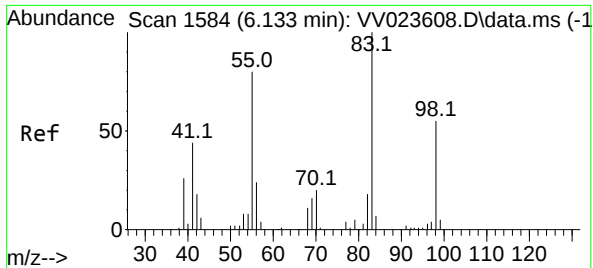
Delta R.T. -0.000 min

Lab File: VV023614.D

Acq: 18 Nov 2021 19:16

Tgt Ion: 96	Resp:	38928
Ion Ratio	Lower	Upper
96	100	
61	116.5	92.3 171.3
68	0.0	0.4 0.8#

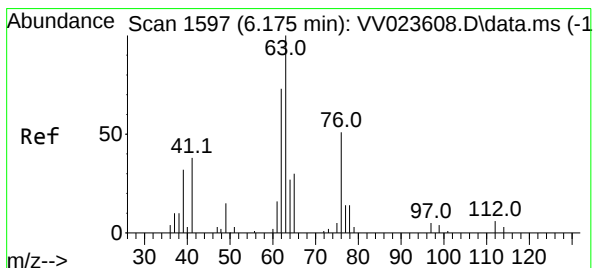
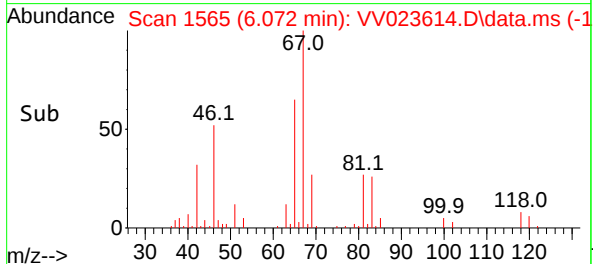
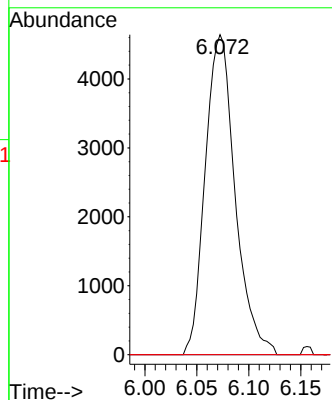
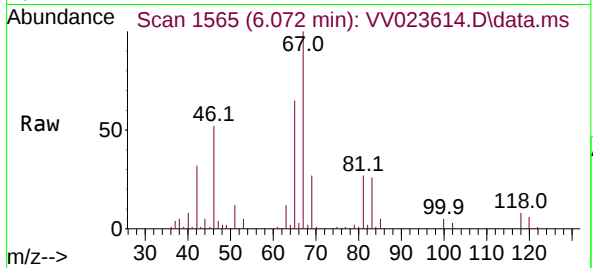




#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023614.D
Acq: 18 Nov 2021 19:16

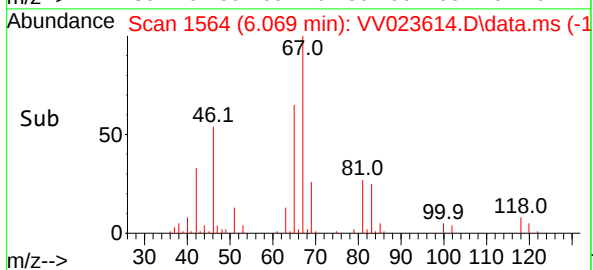
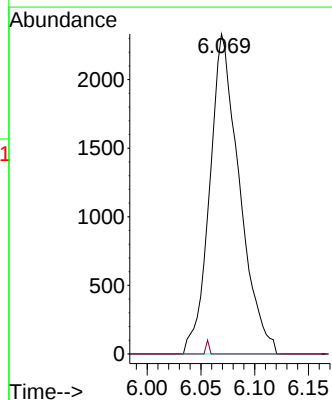
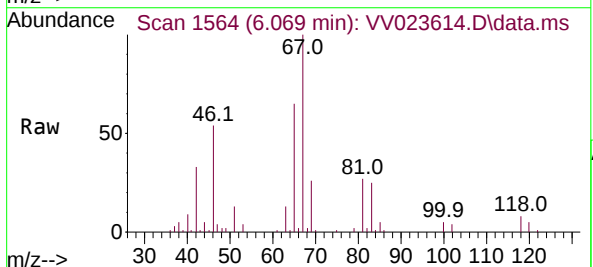
Instrument :
MSVOA_V
ClientSampleId :

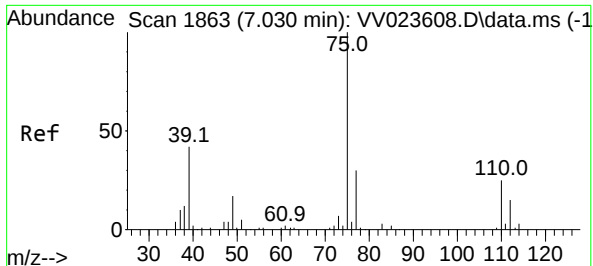
Tgt Ion: 83 Resp: 9306
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023614.D
Acq: 18 Nov 2021 19:16

Tgt Ion: 63 Resp: 4497
Ion Ratio Lower Upper
63 100
112 0.4 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023614.D

Acq: 18 Nov 2021 19:16

Instrument :

MSVOA_V

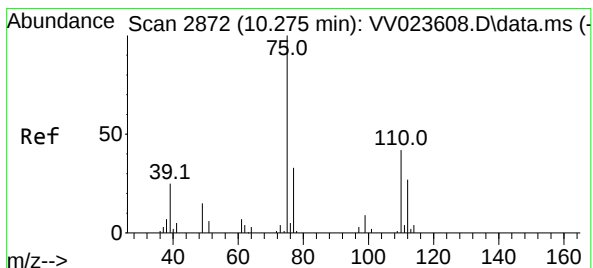
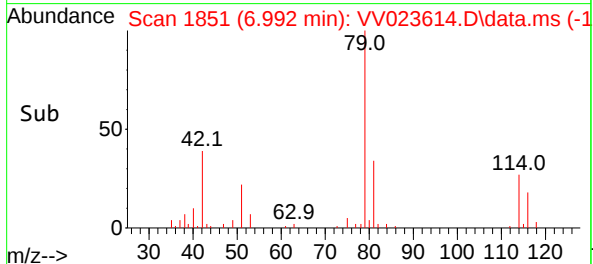
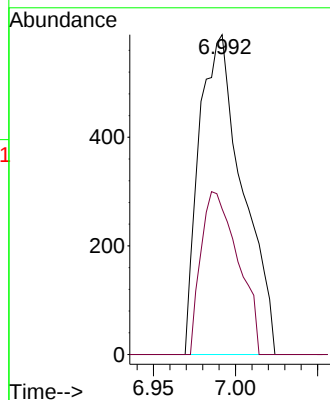
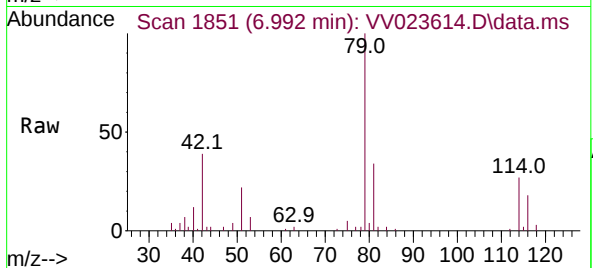
ClientSampleId :

Tgt Ion: 75 Resp: 1082

Ion Ratio Lower Upper

75 100

77 45.5 21.6 40.2#



#61

1,2,3-Trichloropropane

Concen: 1.686 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023614.D

Acq: 18 Nov 2021 19:16

Tgt Ion: 75 Resp: 5823

Ion Ratio Lower Upper

75 100

77 32.1 26.6 39.8

110 2.1 31.8 47.6#

