

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023511.D
 Acq On : 16 Nov 2021 02:42
 Operator : SY/MD
 Sample : M4694-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4651

Quant Time: Nov 16 05:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

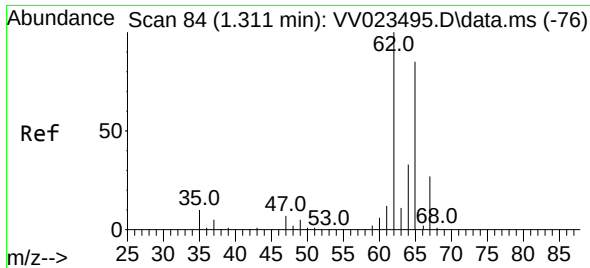
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123158	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40735	5.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.571	69	32317	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.111	63	56184	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.905	46	78681	59.193	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.380%
24) Chloroform-d	4.349	84	75527	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.037	65	36123	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	148434	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.072	67	44161	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.317	98	127121	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.625	79	14982	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.091	63	48239	38.350	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28811	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48575	5.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	147372	14.452	ug/L	100
8) Chloroethane	1.314	64	48385	8.222	ug/L #	46
12) 1,1-Dichloroethene	2.111	96	539	0.073	ug/L #	1
13) Acetone	2.195	43	2220	2.733	ug/L	92
15) Methyl Acetate	2.195	43	2220	0.966	ug/L #	47
17) Methyl tert-butyl Ether	2.767	73	5172335	319.936	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	15822	1.752	ug/L	98
19) 1,1-Dichloroethane	3.195	63	24935	1.636	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	12931	1.488	ug/L #	86
33) Benzene	5.108	78	18445	0.553	ug/L	100
35) Methylcyclohexane	6.069	83	10752	0.768	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4911	0.630	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1218	0.109	ug/L #	77
42) Toluene	7.403	91	3609	0.101	ug/L	89
48) 2-Hexanone	8.149	43	6621	2.616	ug/L #	81
61) 1,2,3-Trichloropropane	11.249	75	5543	1.530	ug/L #	67

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

Instrument :
MSVOA_V
ClientSampleId :
H4651

Quant Time: Nov 16 05:18:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

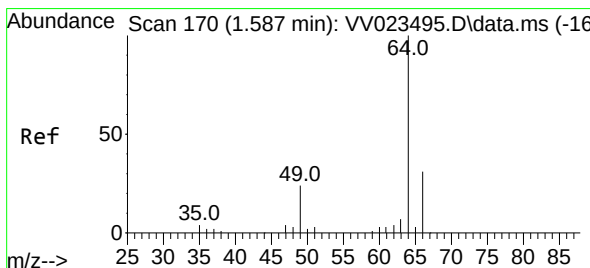
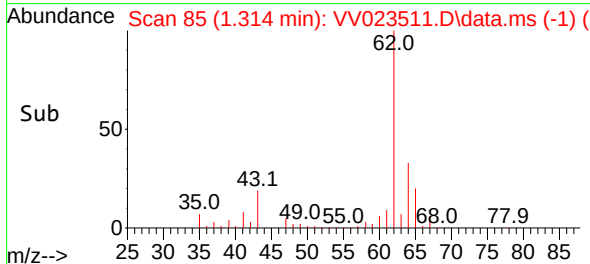
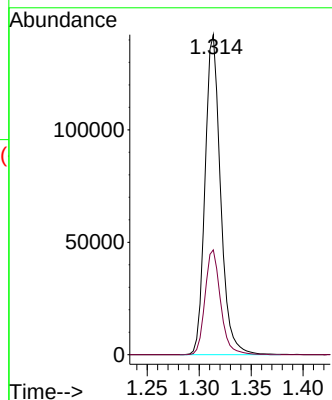
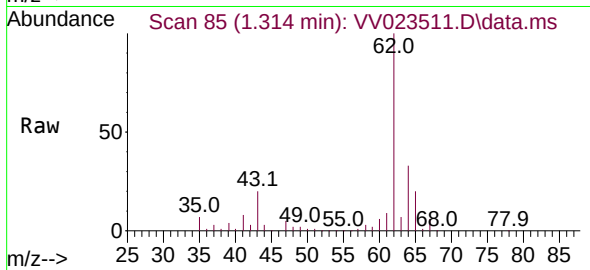




#5
 Vinyl chloride
 Concen: 14.452 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV023511.D
 Acq: 16 Nov 2021 02:42

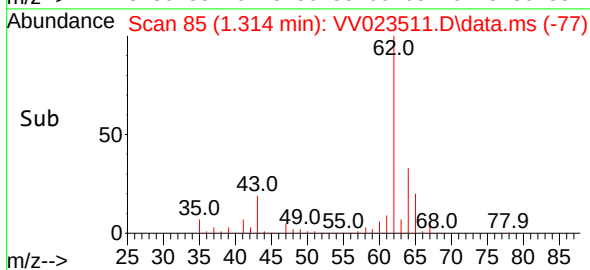
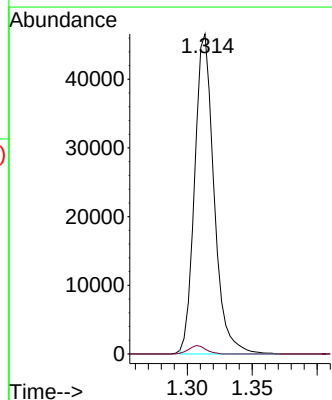
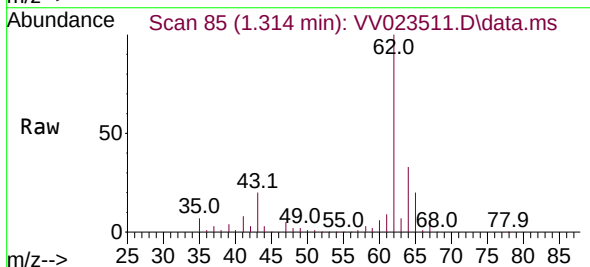
Instrument :
 MSVOA_V
 ClientSampleId :
 H4651

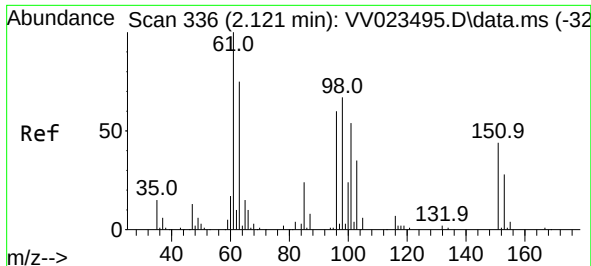
Tgt Ion: 62 Resp: 147372
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#8
 Chloroethane
 Concen: 8.222 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.273 min
 Lab File: VV023511.D
 Acq: 16 Nov 2021 02:42

Tgt Ion: 64 Resp: 48385
 Ion Ratio Lower Upper
 64 100
 66 1.6 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023511.D

Acq: 16 Nov 2021 02:42

Instrument :

MSVOA_V

ClientSampleId :

H4651

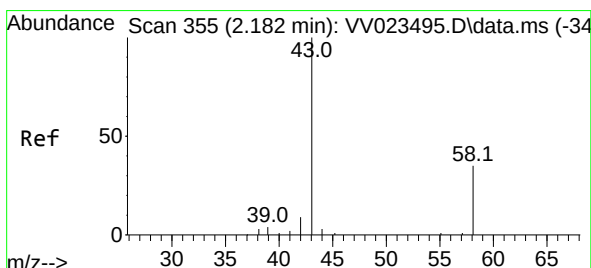
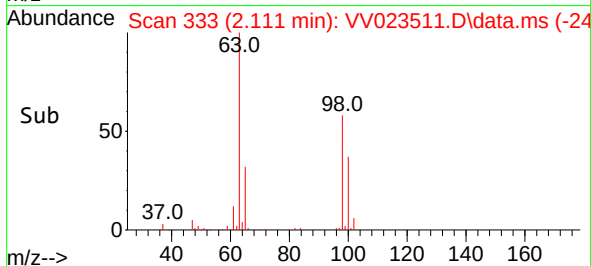
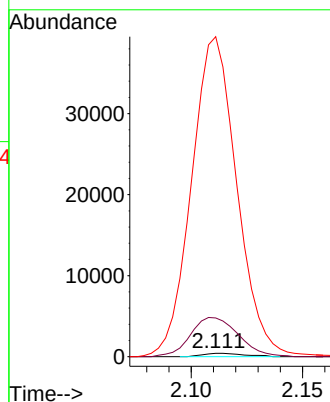
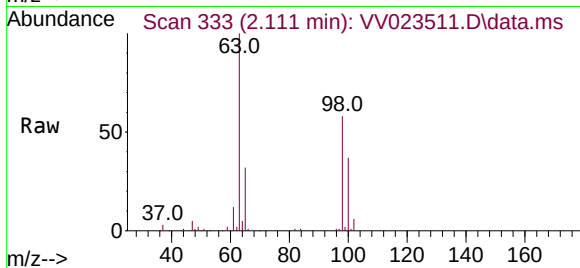
Tgt Ion: 96 Resp: 539

Ion Ratio Lower Upper

96 100

61 1148.2 121.5 225.7#

63 9471.5 99.6 185.0#



#13

Acetone

Concen: 2.733 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.013 min

Lab File: VV023511.D

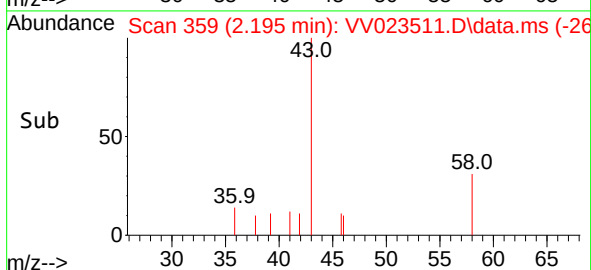
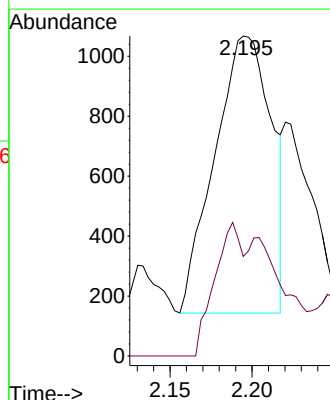
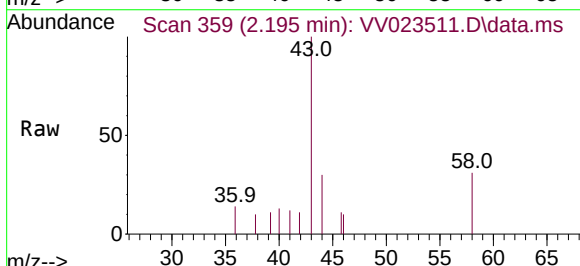
Acq: 16 Nov 2021 02:42

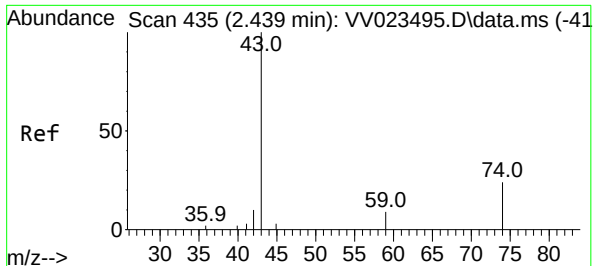
Tgt Ion: 43 Resp: 2220

Ion Ratio Lower Upper

43 100

58 23.5 0.0 55.4

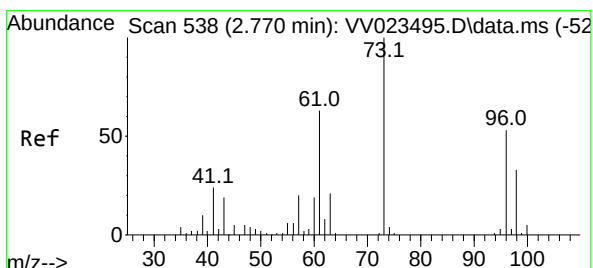
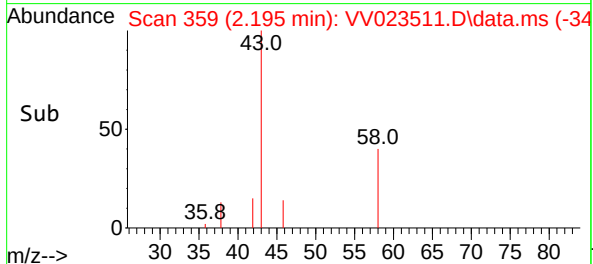
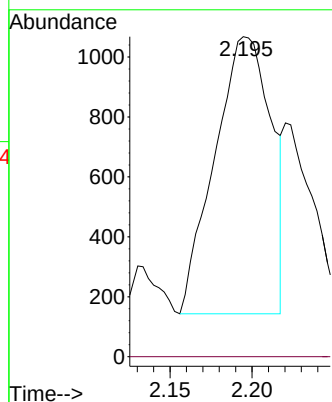
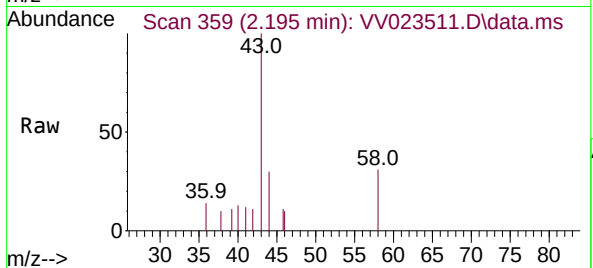




#15
Methyl Acetate
Concen: 0.966 ug/L
RT: 2.195 min Scan# 315
Delta R.T. -0.244 min
Lab File: VV023511.D
Acq: 16 Nov 2021 02:42

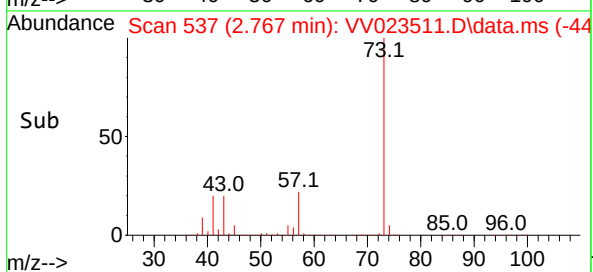
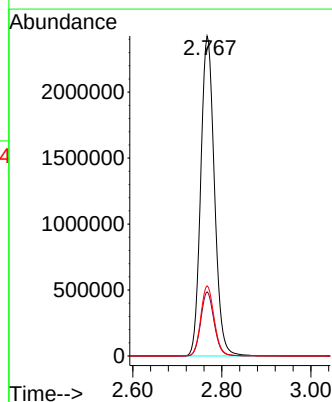
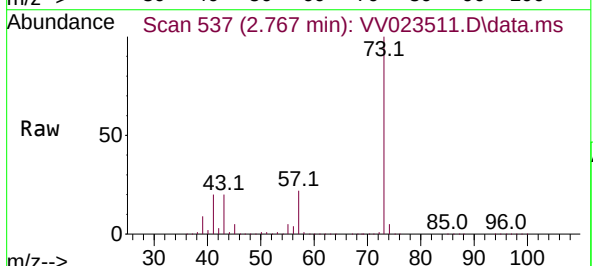
Instrument :
MSVOA_V
ClientSampleId :
H4651

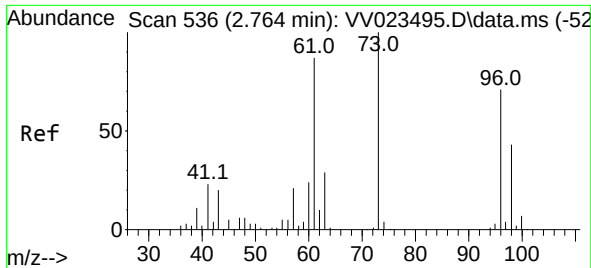
Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#17
Methyl tert-butyl Ether
Concen: 319.936 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV023511.D
Acq: 16 Nov 2021 02:42

Tgt Ion: 73 Resp: 5172335
Ion Ratio Lower Upper
73 100
43 19.5 17.4 26.0
57 21.6 16.5 24.7

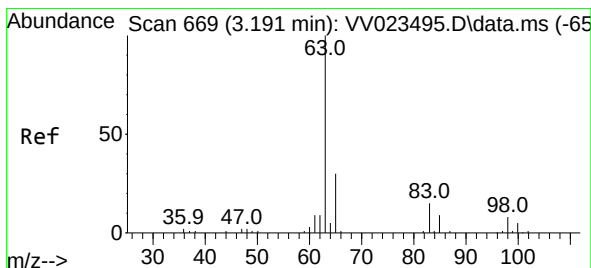
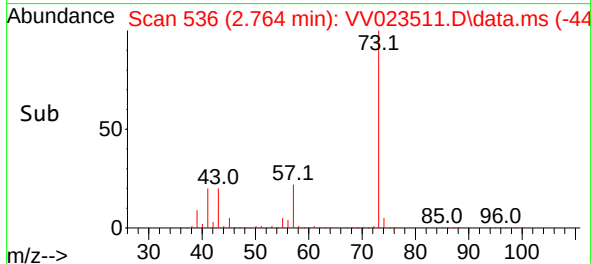
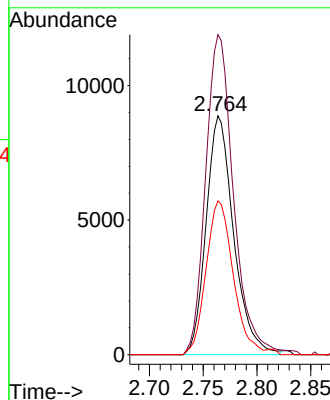
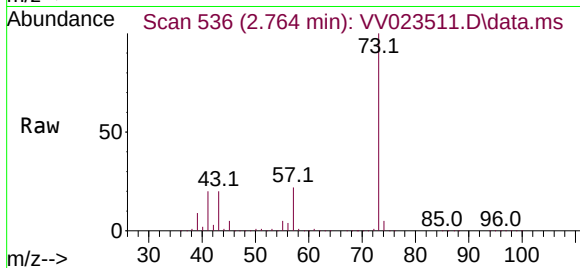




#18
 trans-1,2-Dichloroethene
 Concen: 1.752 ug/L
 RT: 2.764 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VV023511.D
 Acq: 16 Nov 2021 02:42

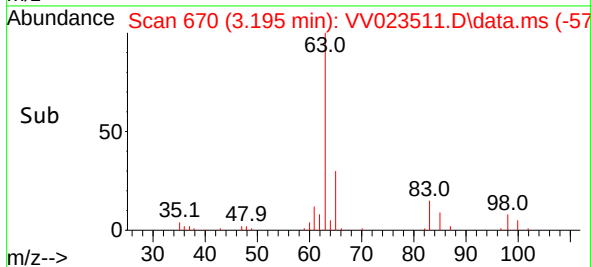
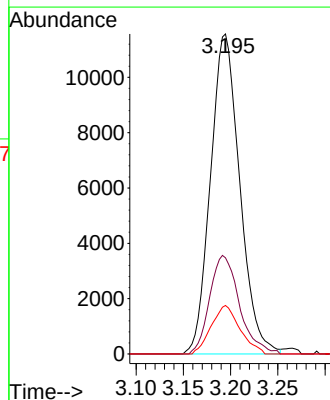
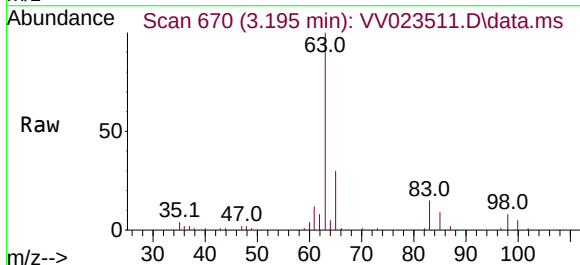
Instrument :
 MSVOA_V
 ClientSampleId :
 H4651

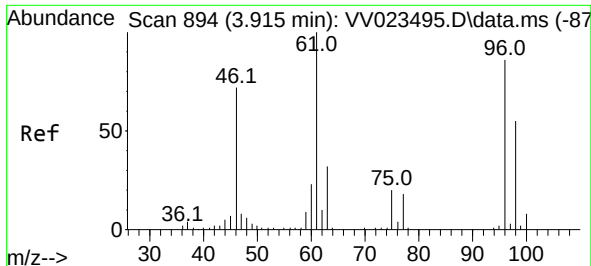
Tgt Ion: 96 Resp: 15822
 Ion Ratio Lower Upper
 96 100
 61 134.0 93.2 173.2
 98 64.4 47.0 87.2



#19
 1,1-Dichloroethane
 Concen: 1.636 ug/L
 RT: 3.195 min Scan# 670
 Delta R.T. 0.003 min
 Lab File: VV023511.D
 Acq: 16 Nov 2021 02:42

Tgt Ion: 63 Resp: 24935
 Ion Ratio Lower Upper
 63 100
 65 30.0 22.6 42.0
 83 15.2 11.1 20.7

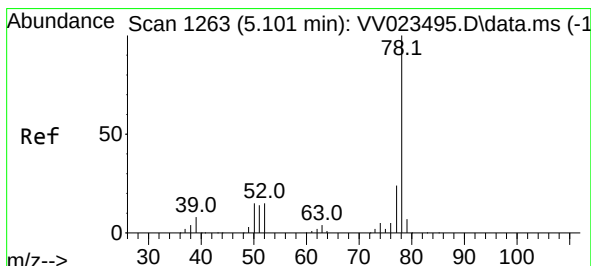
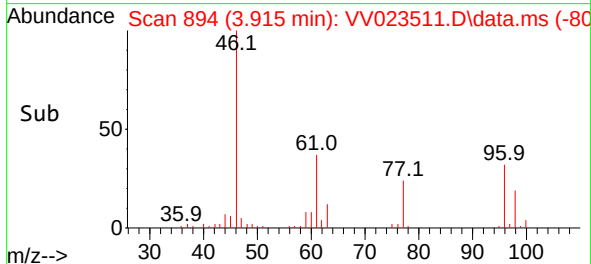
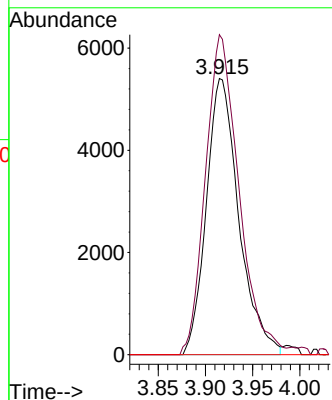
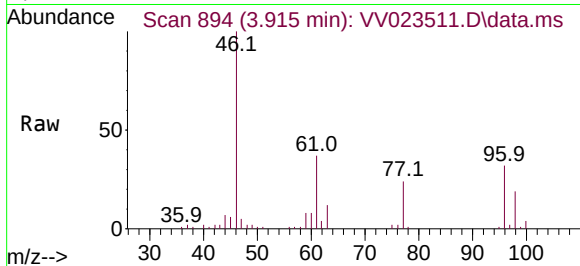




#22
 cis-1,2-Dichloroethene
 Concen: 1.488 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV023511.D
 Acq: 16 Nov 2021 02:42

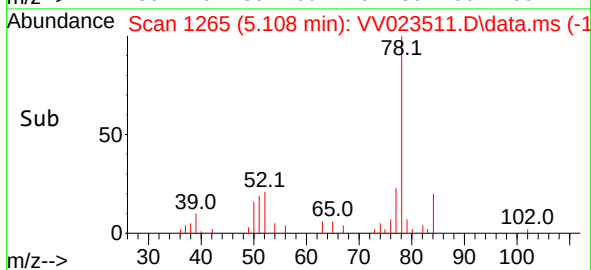
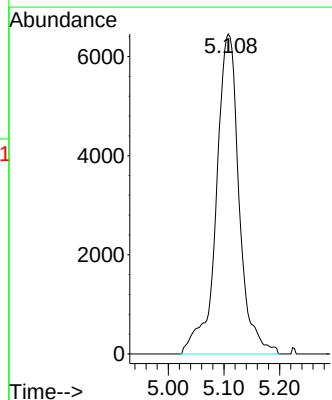
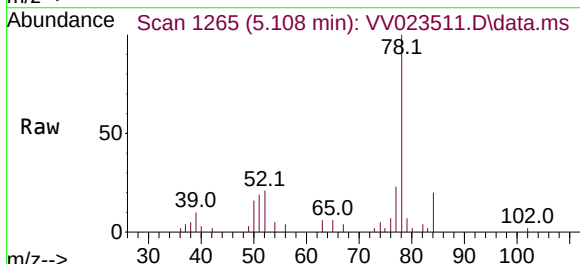
Instrument :
 MSVOA_V
 ClientSampleId :
 H4651

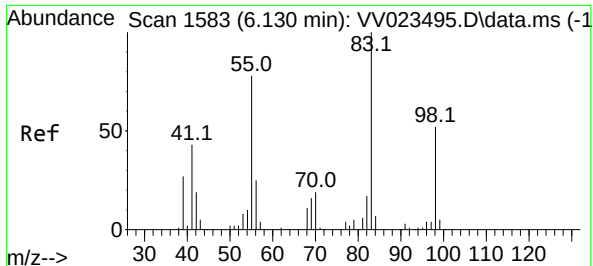
Tgt Ion: 96 Resp: 12931
 Ion Ratio Lower Upper
 96 100
 61 115.9 92.3 171.3
 68 0.0 0.4 0.8#



#33
 Benzene
 Concen: 0.553 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.006 min
 Lab File: VV023511.D
 Acq: 16 Nov 2021 02:42

Tgt Ion: 78 Resp: 18445





#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023511.D

Acq: 16 Nov 2021 02:42

Instrument :

MSVOA_V

ClientSampleId :

H4651

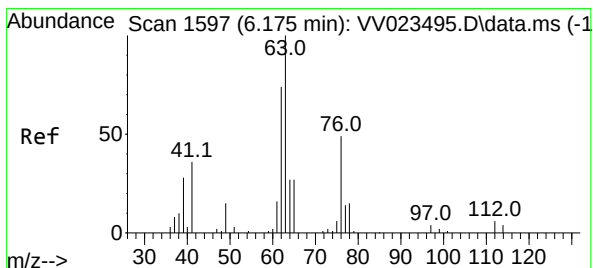
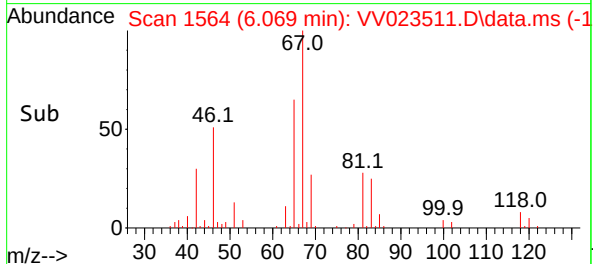
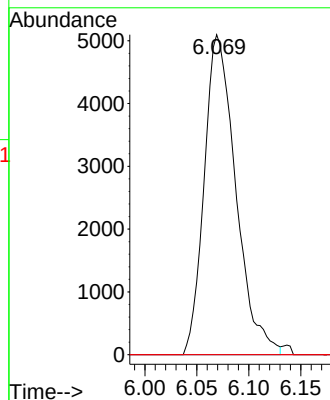
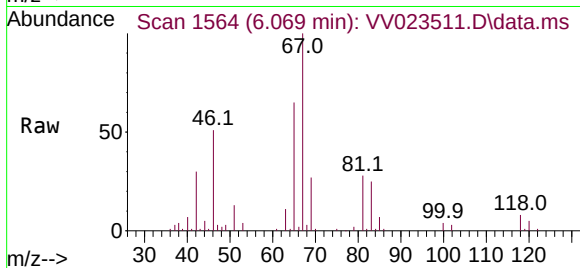
Tgt Ion: 83 Resp: 10752

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV023511.D

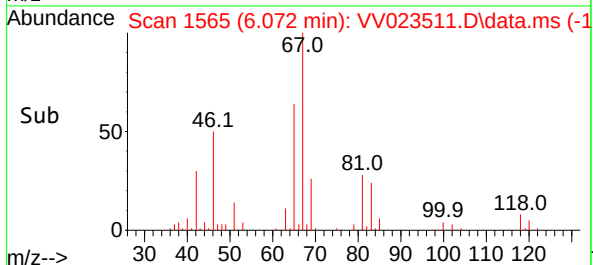
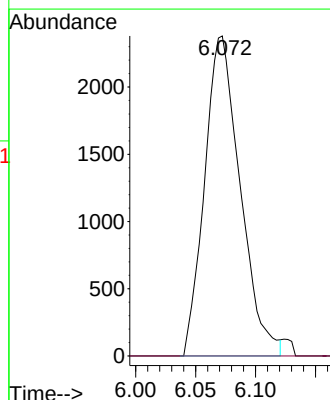
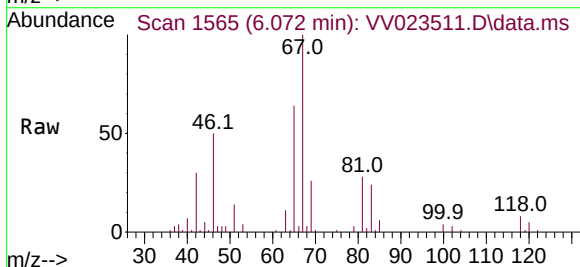
Acq: 16 Nov 2021 02:42

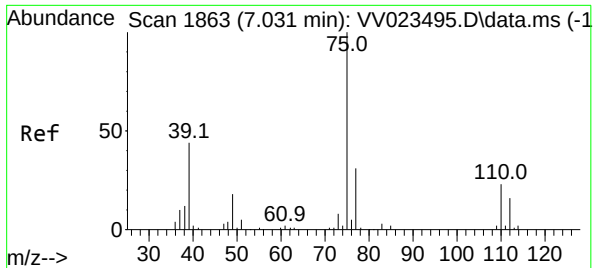
Tgt Ion: 63 Resp: 4911

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.045 min

Lab File: VV023511.D

Acq: 16 Nov 2021 02:42

Instrument :

MSVOA_V

ClientSampleId :

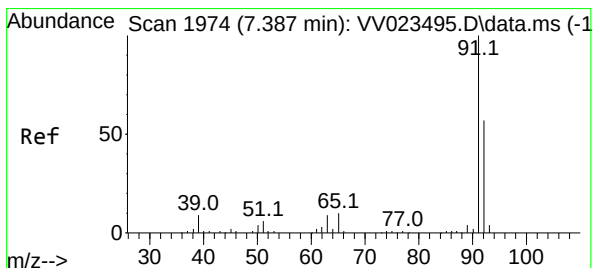
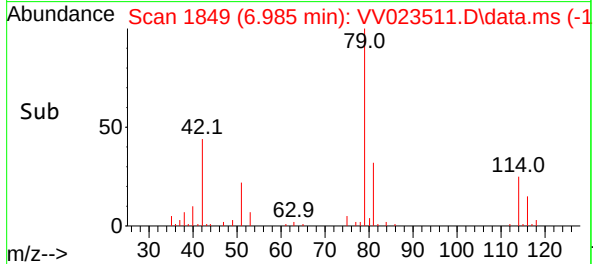
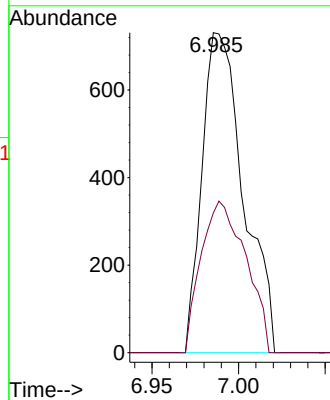
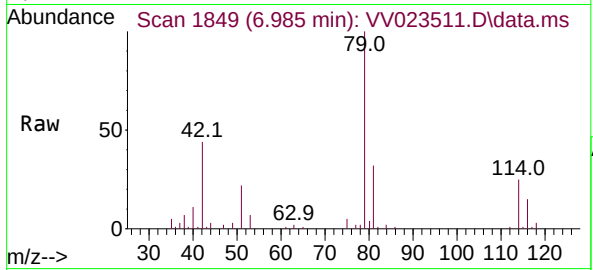
H4651

Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 43.6 21.6 40.2#



#42

Toluene

Concen: 0.101 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023511.D

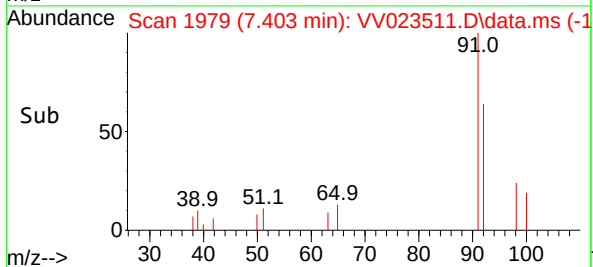
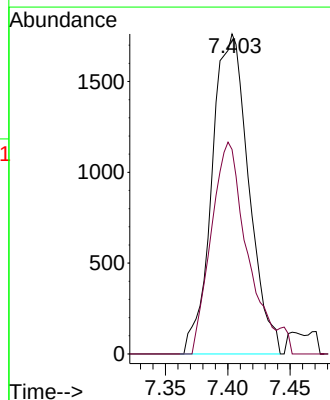
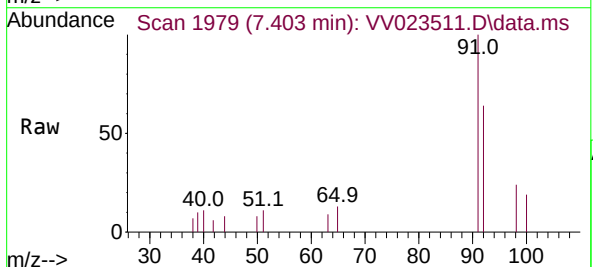
Acq: 16 Nov 2021 02:42

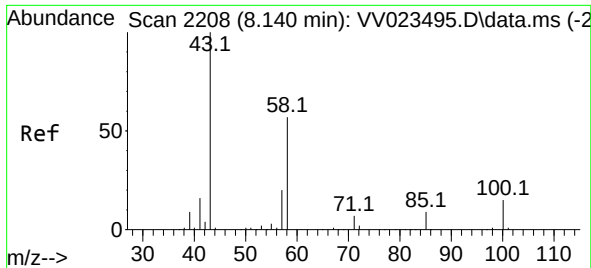
Tgt Ion: 91 Resp: 3609

Ion Ratio Lower Upper

91 100

92 63.9 39.3 72.9



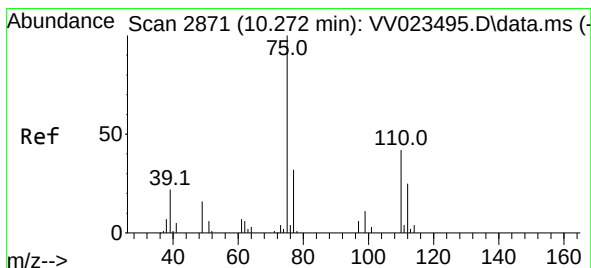
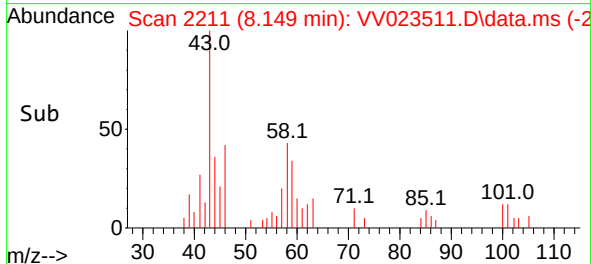
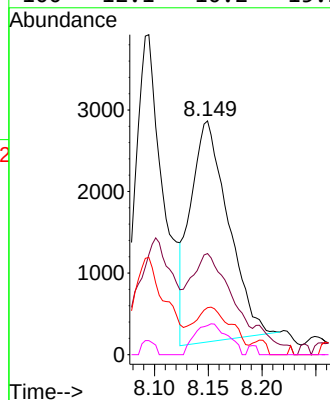
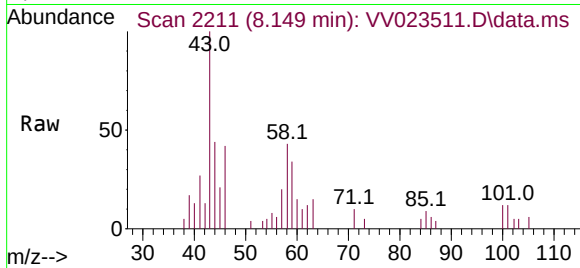


#48
2-Hexanone
Concen: 2.616 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV023511.D
Acq: 16 Nov 2021 02:42

Instrument :
MSVOA_V
ClientSampleId :
H4651

Tgt Ion: 43 Resp: 6621

Ion	Ratio	Lower	Upper
43	100		
58	35.4	43.7	65.5#
57	20.9	14.1	21.1
100	12.1	10.2	15.2



#61
1,2,3-Trichloropropane
Concen: 1.530 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023511.D
Acq: 16 Nov 2021 02:42

Tgt Ion: 75 Resp: 5543

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.6	39.8
110	2.5	31.8	47.6#

