

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023510.D
 Acq On : 16 Nov 2021 02:19
 Operator : SY/MD
 Sample : M4694-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4640

Quant Time: Nov 16 05:18:08 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)

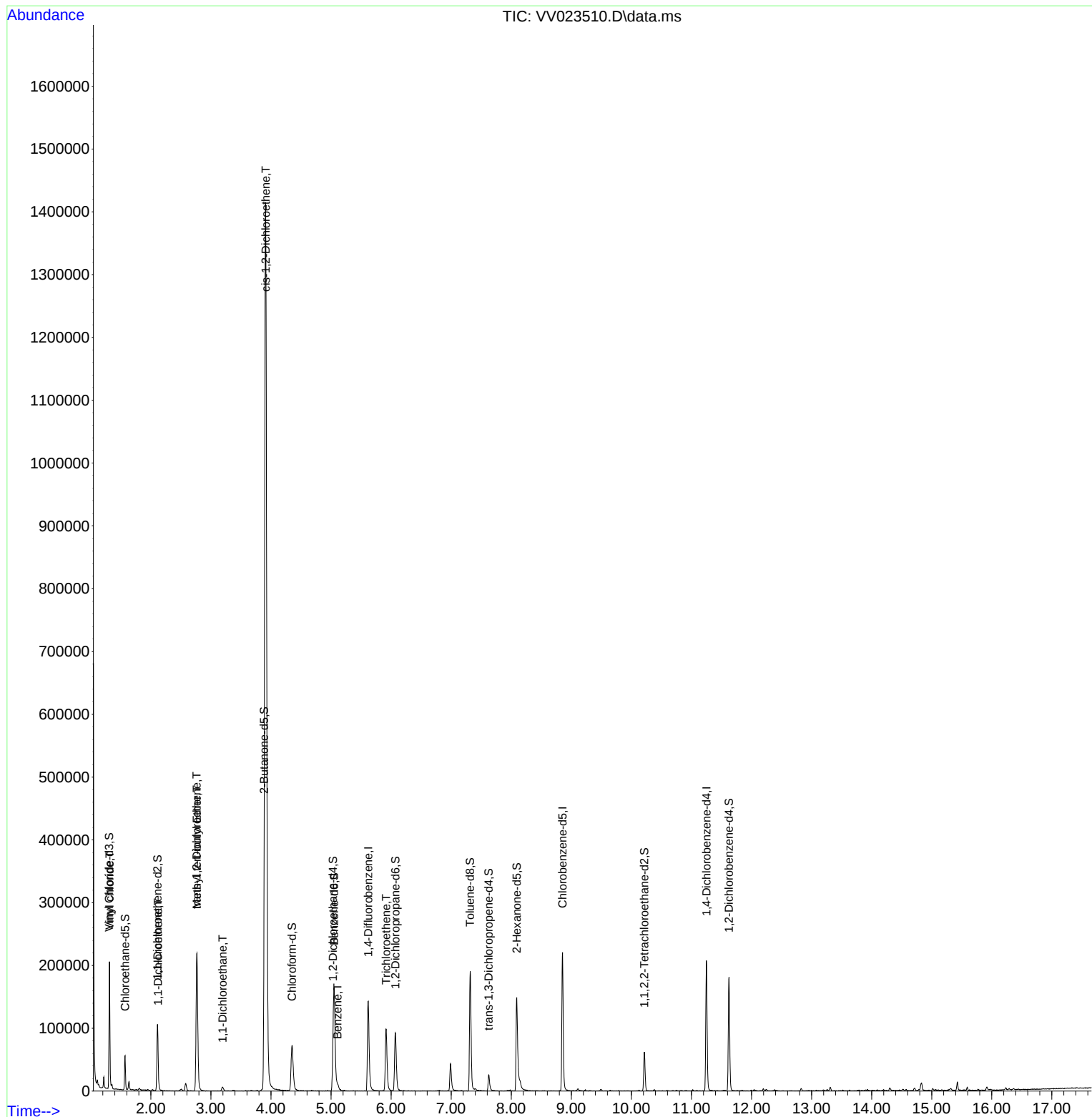
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126495	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39305	4.960	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.571	69	32147	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.111	63	54930	3.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.886	46	81164	59.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	4.352	84	75890	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.034	65	36553	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.053	84	149551	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	44473	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	128318	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.625	79	15641	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.092	63	48915	36.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27711	4.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	49058	5.209	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	59992	5.728	ug/L	97
12) 1,1-Dichloroethene	2.121	96	1528	0.203	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	128979	7.768	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	36586	3.945	ug/L	98
19) 1,1-Dichloroethane	3.195	63	6287	0.402	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	801557	89.819	ug/L #	91
33) Benzene	5.108	78	9428	0.269	ug/L	100
34) Trichloroethene	5.915	95	34521	3.700	ug/L	98

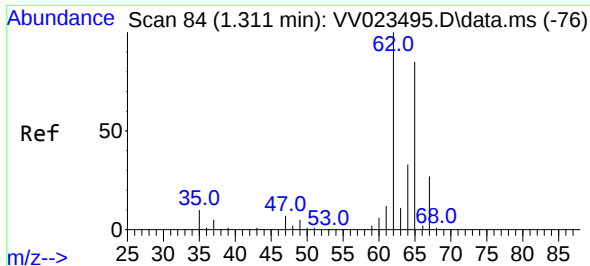
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023510.D
Acq On : 16 Nov 2021 02:19
Operator : SY/MD
Sample : M4694-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4640

Quant Time: Nov 16 05:18:08 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

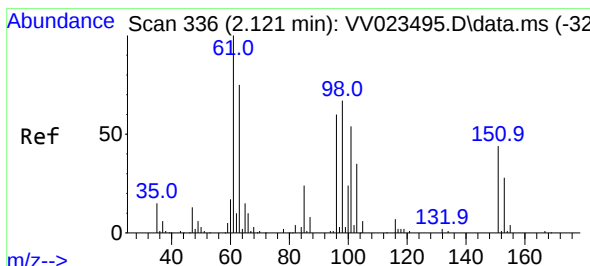
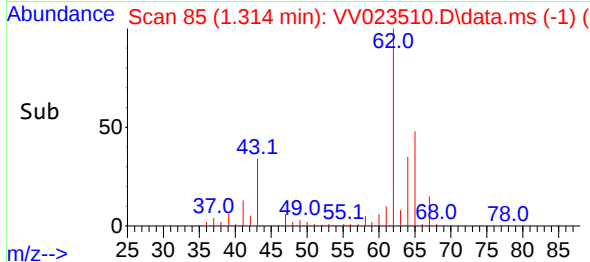
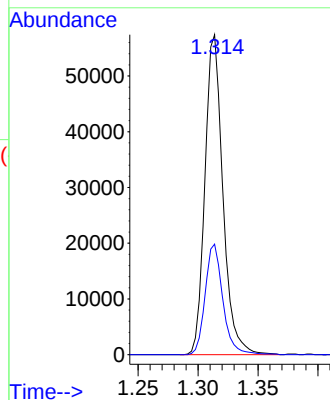
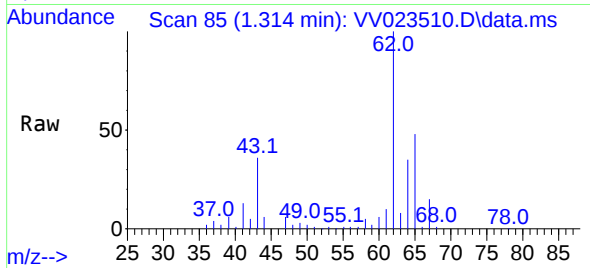




#5
 Vinyl chloride
 Concen: 5.728 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023510.D
 Acq: 16 Nov 2021 02:19

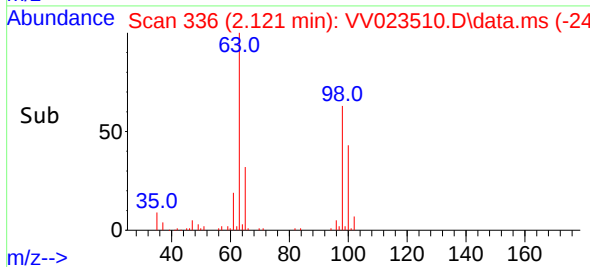
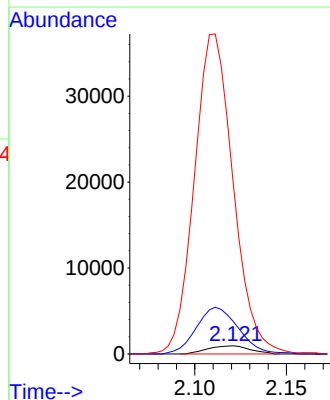
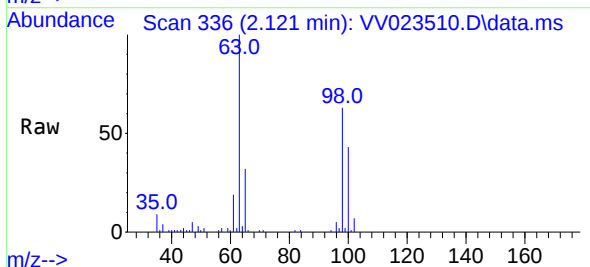
Instrument :
 MSVOA_V
 ClientSampleId :
 H4640

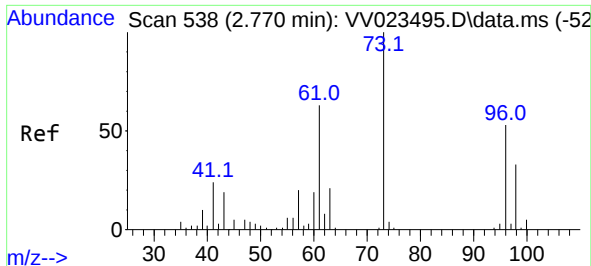
Tgt Ion: 62 Resp: 59992
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.203 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV023510.D
 Acq: 16 Nov 2021 02:19

Tgt Ion: 96 Resp: 1528
 Ion Ratio Lower Upper
 96 100
 61 399.0 121.5 225.7#
 63 2103.5 99.6 185.0#

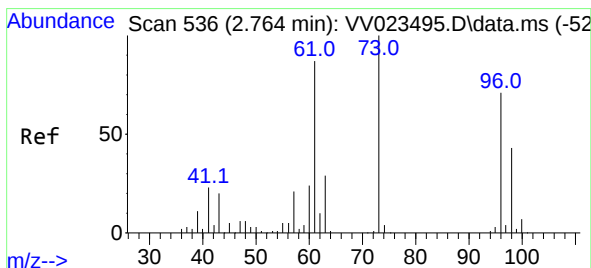
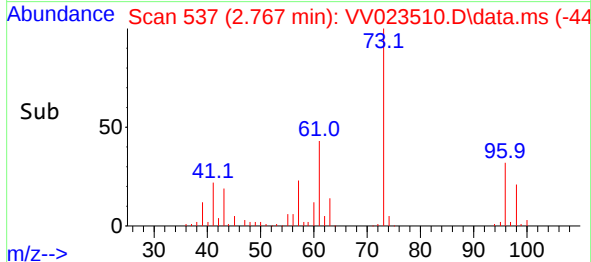
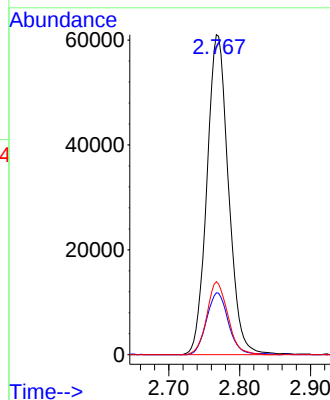
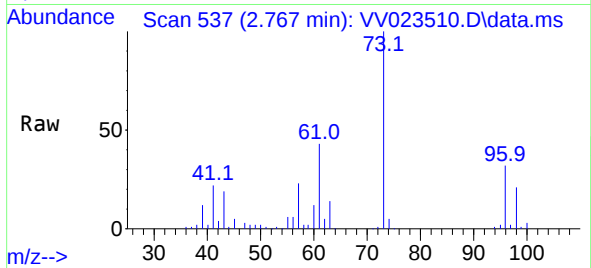




#17
Methyl tert-butyl Ether
Concen: 7.768 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023510.D
Acq: 16 Nov 2021 02:19

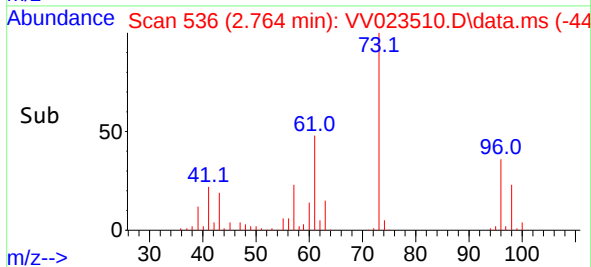
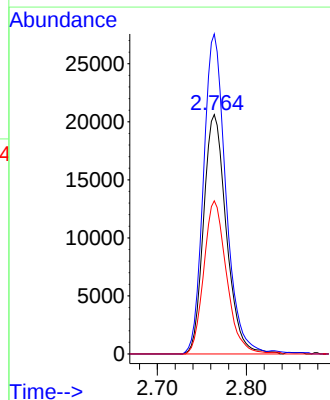
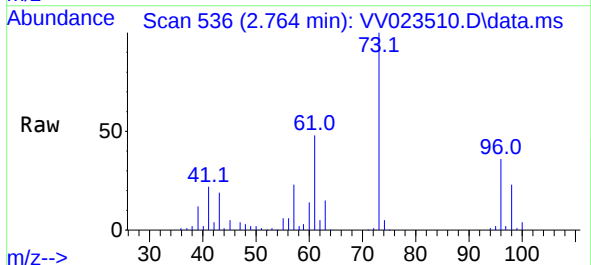
Instrument :
MSVOA_V
ClientSampleId :
H4640

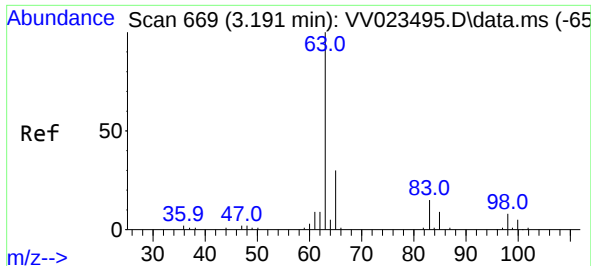
Tgt Ion: 73 Resp: 128979
Ion Ratio Lower Upper
73 100
43 19.5 17.4 26.0
57 22.2 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 3.945 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV023510.D
Acq: 16 Nov 2021 02:19

Tgt Ion: 96 Resp: 36586
Ion Ratio Lower Upper
96 100
61 133.7 93.2 173.2
98 64.0 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.402 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023510.D

Acq: 16 Nov 2021 02:19

Instrument :

MSVOA_V

ClientSampleId :

H4640

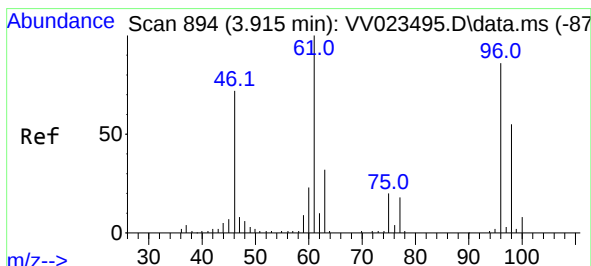
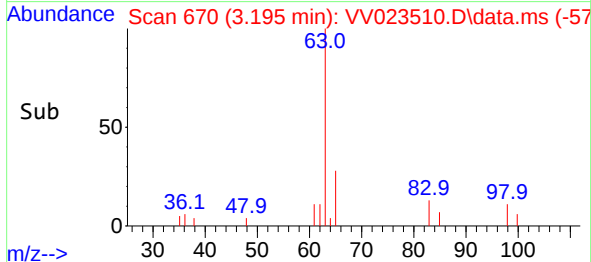
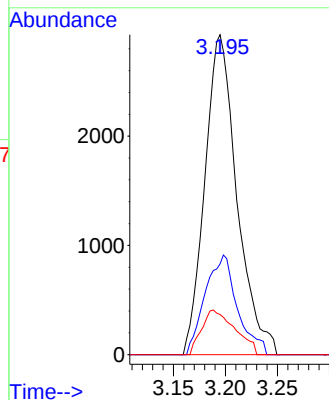
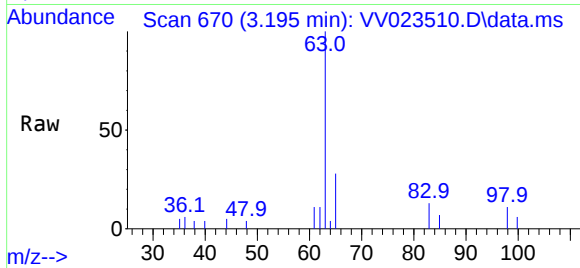
Tgt Ion: 63 Resp: 6287

Ion Ratio Lower Upper

63 100

65 28.4 22.6 42.0

83 12.6 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 89.819 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV023510.D

Acq: 16 Nov 2021 02:19

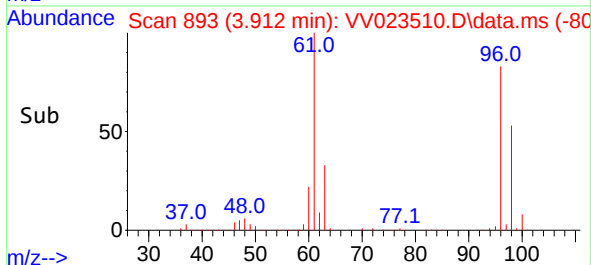
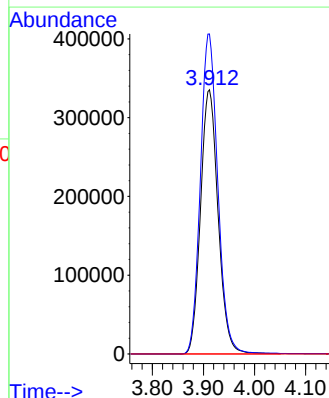
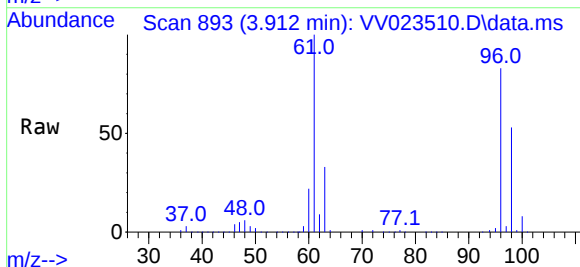
Tgt Ion: 96 Resp: 801557

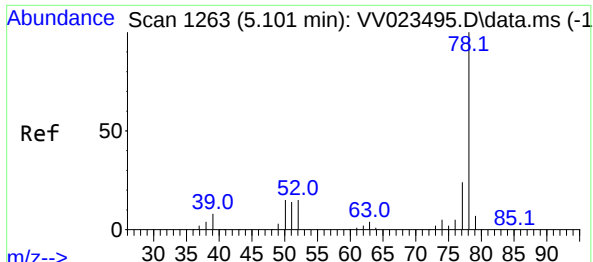
Ion Ratio Lower Upper

96 100

61 121.1 92.3 171.3

68 0.0 0.4 0.8#

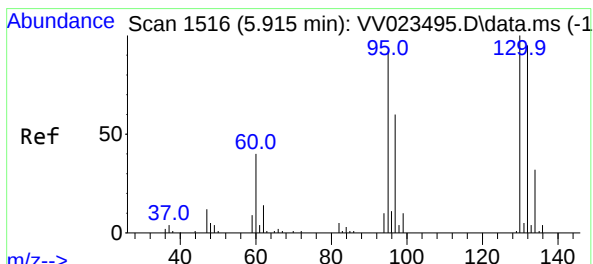
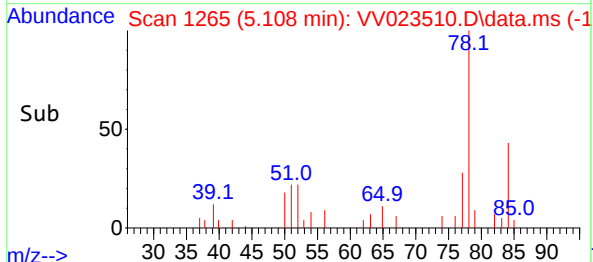
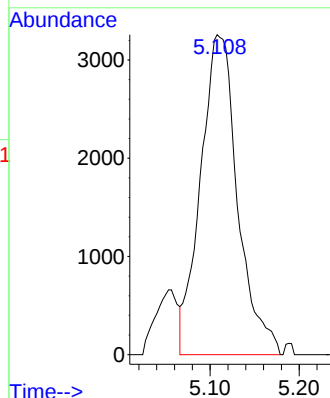
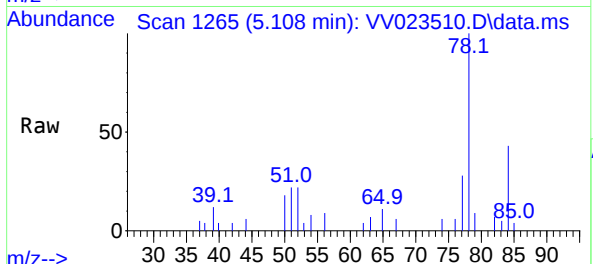




#33
Benzene
Concen: 0.269 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023510.D
Acq: 16 Nov 2021 02:19

Instrument :
MSVOA_V
ClientSampleId :
H4640

Tgt Ion: 78 Resp: 9428



#34
Trichloroethene
Concen: 3.700 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023510.D
Acq: 16 Nov 2021 02:19

Tgt Ion: 95 Resp: 34521

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.0	83.6
132	100.2	69.7	129.4
130	102.0	73.7	136.9

