

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025502.D
 Acq On : 13 Apr 2022 19:07
 Operator : SY/MD
 Sample : N2356-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 03:13:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

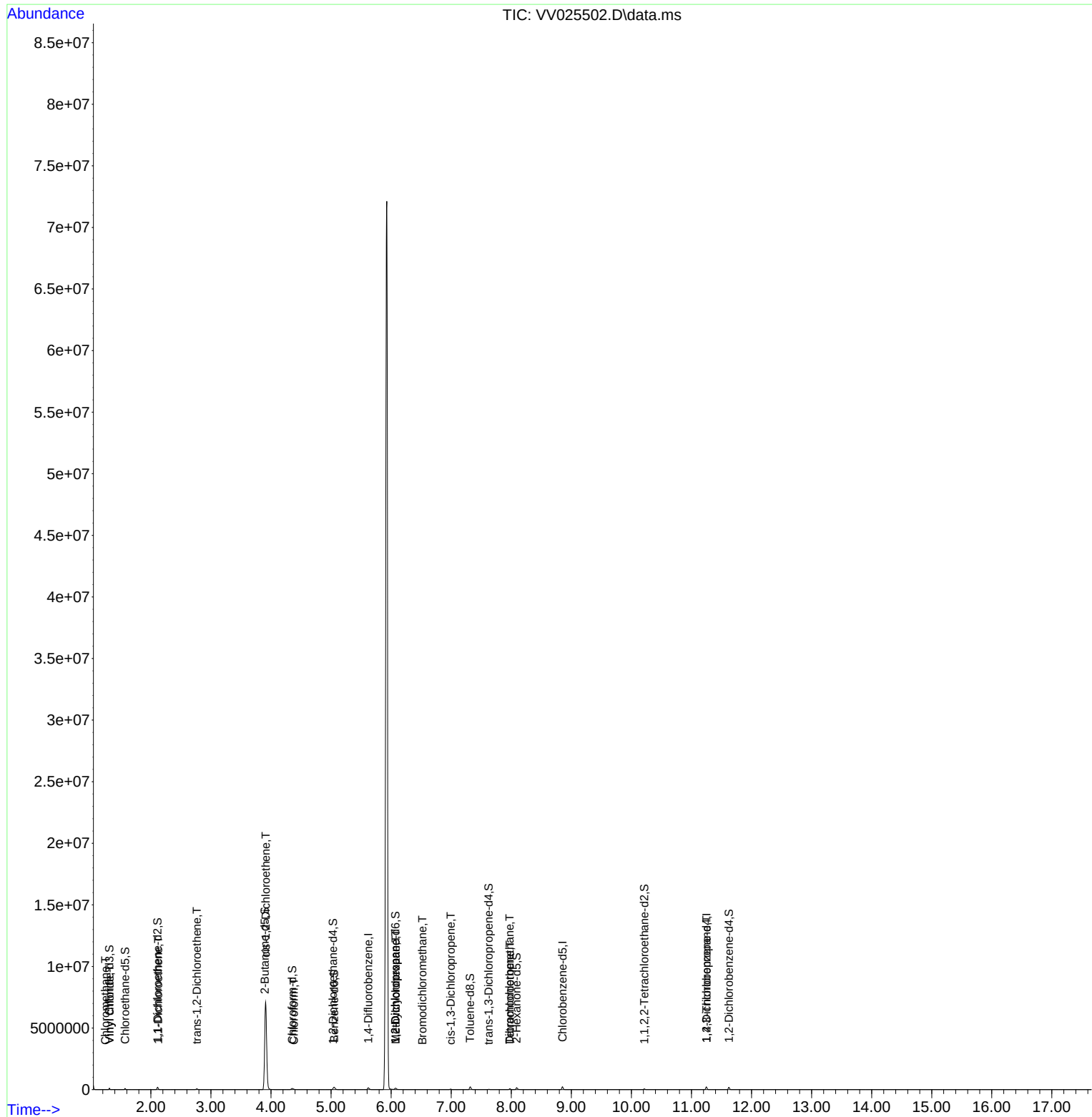
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135633	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	64948	5.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.571	69	59026	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.111	63	100757	3.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.896	46	85103	55.482	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.960%
24) Chloroform-d	4.352	84	92699	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.034	65	42664	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.053	84	186539	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.072	67	51498	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	152251	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.625	79	14908	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	56149	45.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31116	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	48536	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	696	0.052	ug/L #	50
5) Vinyl chloride	1.314	62	7806	0.519	ug/L	89
12) 1,1-Dichloroethene	2.124	96	5242	0.446	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	27485	2.788	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	3873505	373.242	ug/L	94
25) Chloroform	4.381	83	18717	1.062	ug/L	88
35) Methylcyclohexane	6.076	83	13202	0.811	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5887	0.662	ug/L #	85
38) Bromodichloromethane	6.519	83	2498	0.226	ug/L #	95
39) cis-1,3-Dichloropropene	6.992	75	1140	0.098	ug/L #	50
47) Tetrachloroethene	7.979	164	16315	2.042	ug/L	97
49) Dibromochloromethane	7.976	129	15566	2.382	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7196	1.862	ug/L #	63

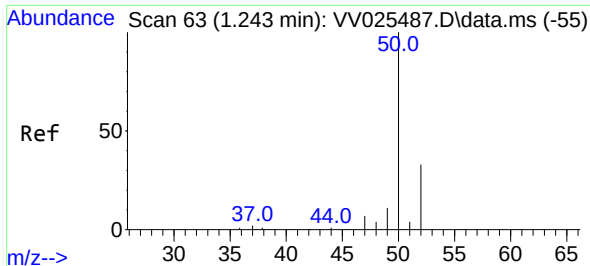
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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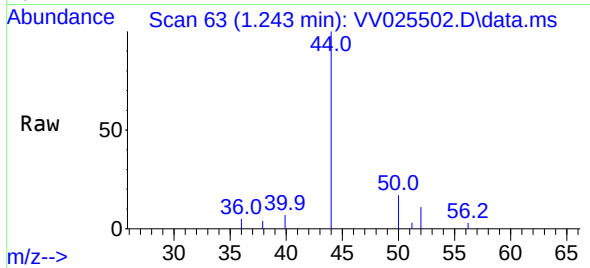
Quant Time: Apr 14 03:13:13 2022
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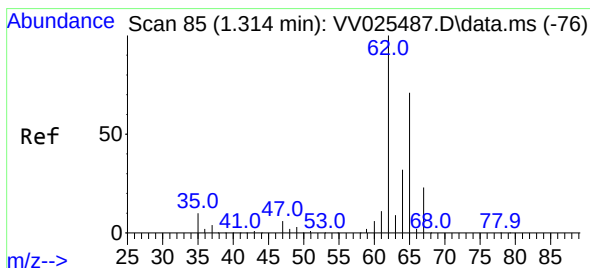
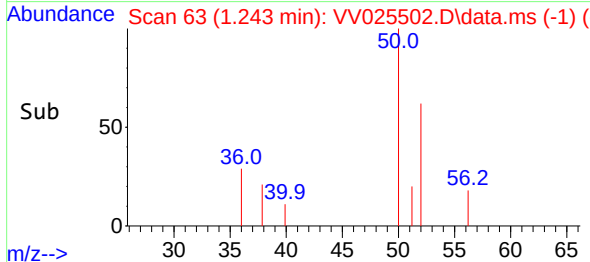
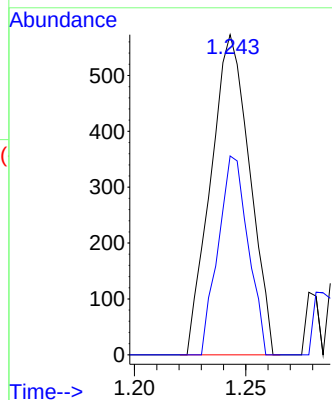


#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025502.D
Acq: 13 Apr 2022 19:07

Instrument :
MSVOA_V
ClientSampleId :

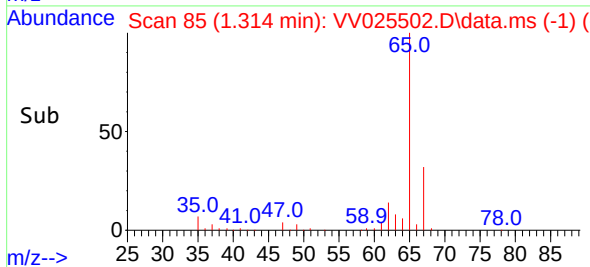
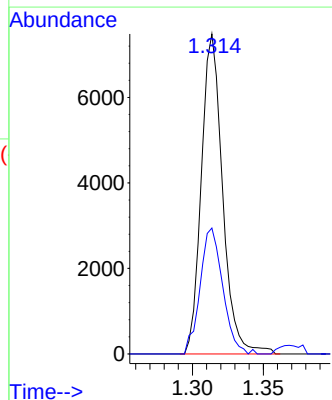
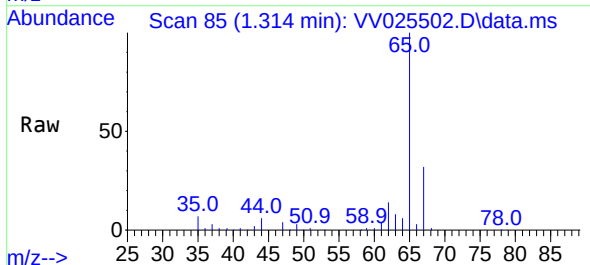


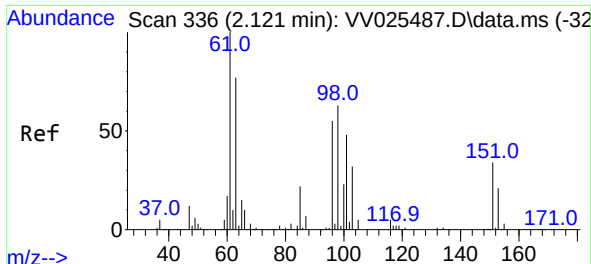
Tgt Ion: 50 Resp: 696
Ion Ratio Lower Upper
50 100
52 62.1 23.7 43.9#



#5
Vinyl chloride
Concen: 0.519 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.000 min
Lab File: VV025502.D
Acq: 13 Apr 2022 19:07

Tgt Ion: 62 Resp: 7806
Ion Ratio Lower Upper
62 100
64 39.3 23.2 43.2





#12

1,1-Dichloroethene

Concen: 0.446 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025502.D

Acq: 13 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

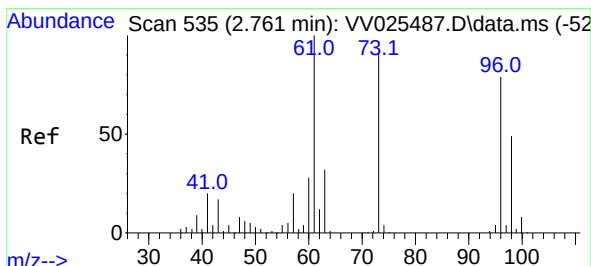
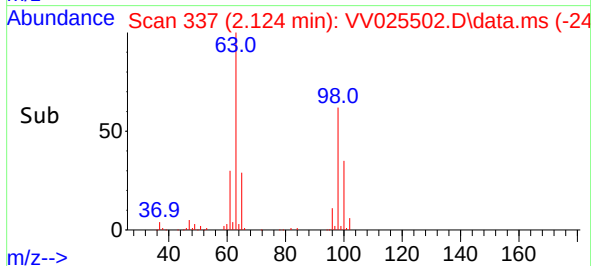
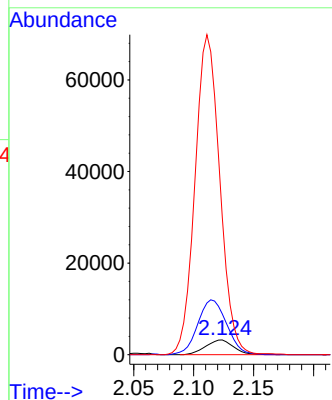
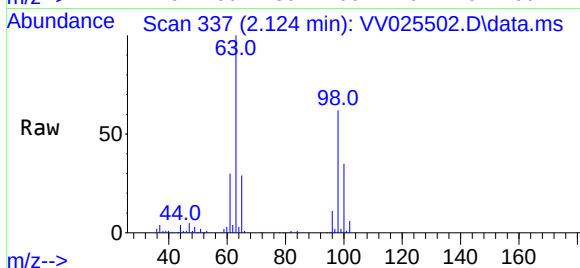
Tgt Ion: 96 Resp: 5242

Ion Ratio Lower Upper

96 100

61 276.1 125.2 232.4#

63 932.3 114.4 212.4#



#18

trans-1,2-Dichloroethene

Concen: 2.788 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV025502.D

Acq: 13 Apr 2022 19:07

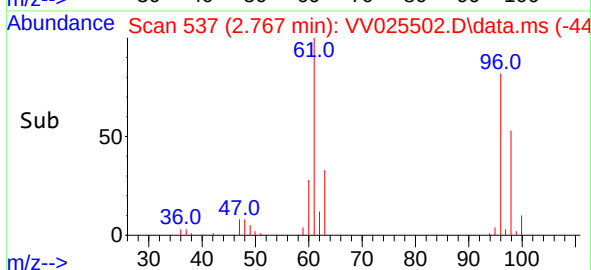
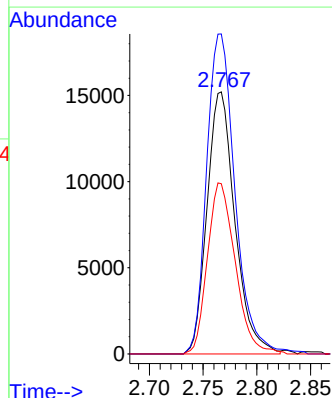
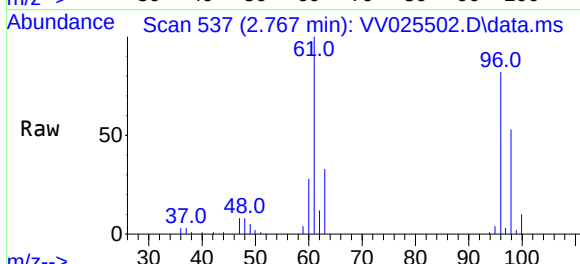
Tgt Ion: 96 Resp: 27485

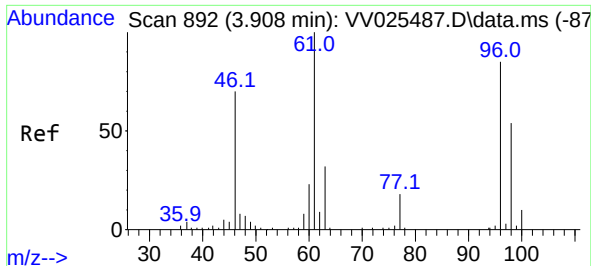
Ion Ratio Lower Upper

96 100

61 122.1 92.1 171.1

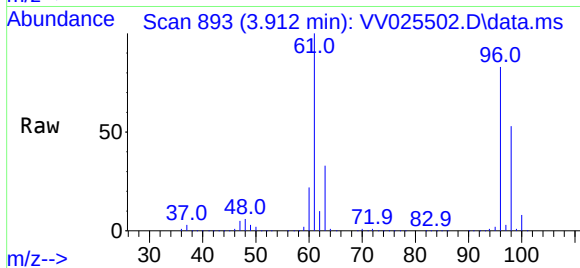
98 65.0 47.5 88.1



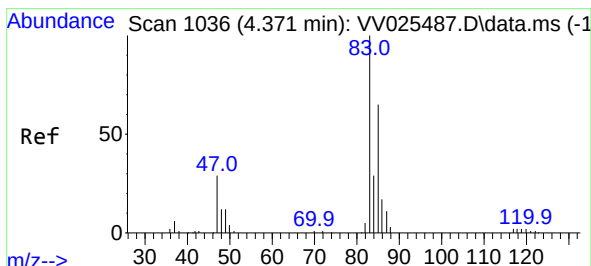
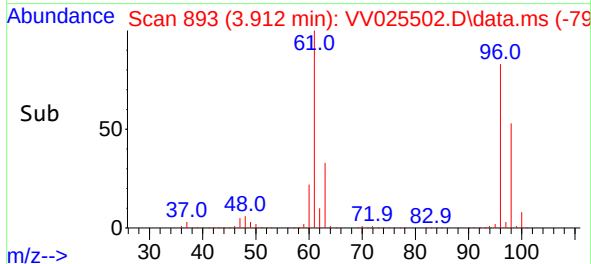
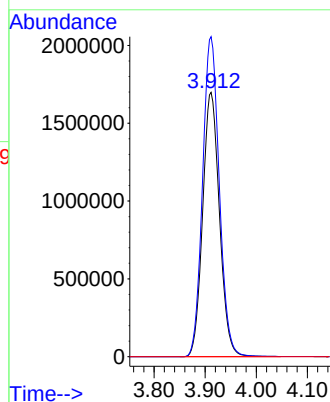


#22
 cis-1,2-Dichloroethene
 Concen: 373.242 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV025502.D
 Acq: 13 Apr 2022 19:07

Instrument :
 MSVOA_V
 ClientSampleId :

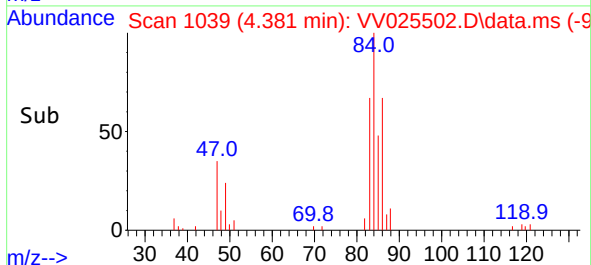
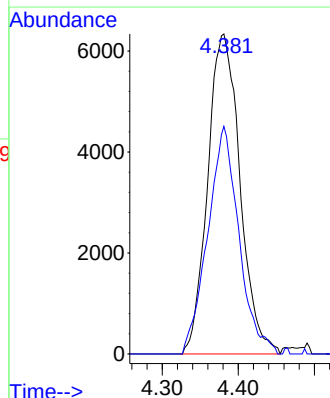
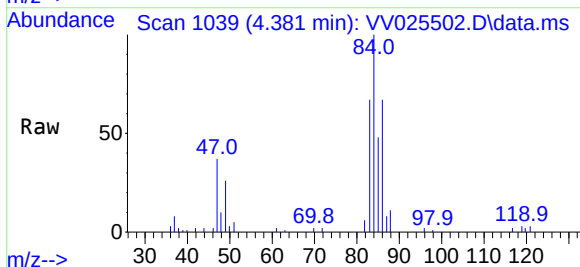


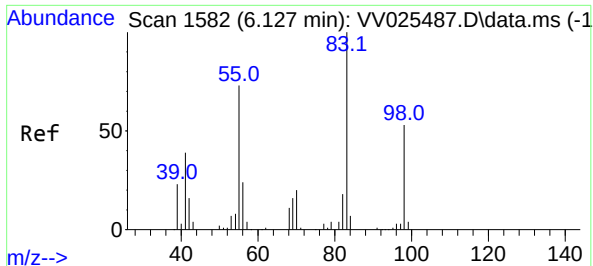
Tgt Ion: 96 Resp: 3873505
 Ion Ratio Lower Upper
 96 100
 61 121.1 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.062 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV025502.D
 Acq: 13 Apr 2022 19:07

Tgt Ion: 83 Resp: 18717
 Ion Ratio Lower Upper
 83 100
 85 71.1 43.5 80.7





#35

Methylcyclohexane

Concen: 0.811 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.051 min

Lab File: VV025502.D

Acq: 13 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

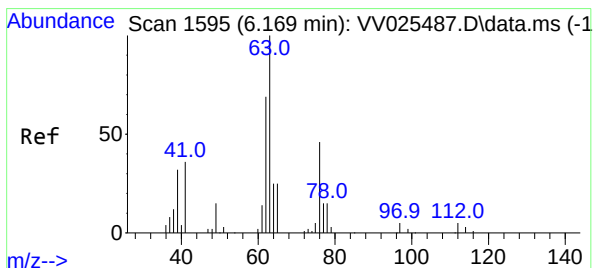
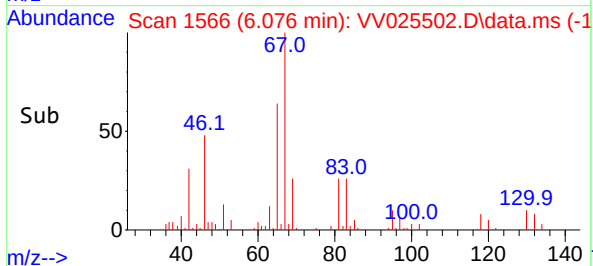
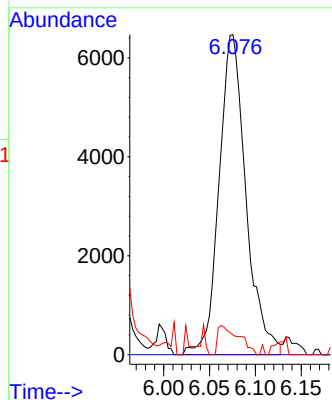
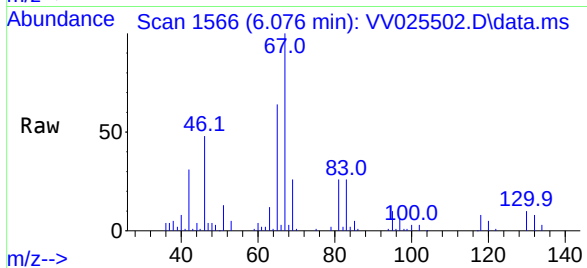
Tgt Ion: 83 Resp: 13202

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.0 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV025502.D

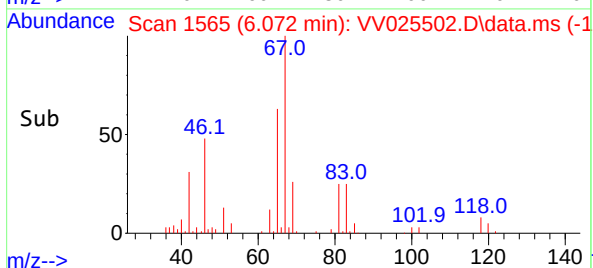
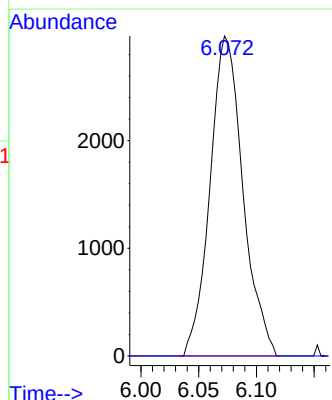
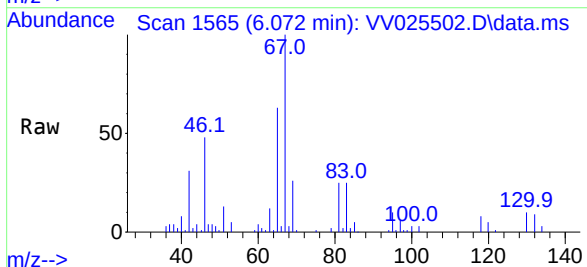
Acq: 13 Apr 2022 19:07

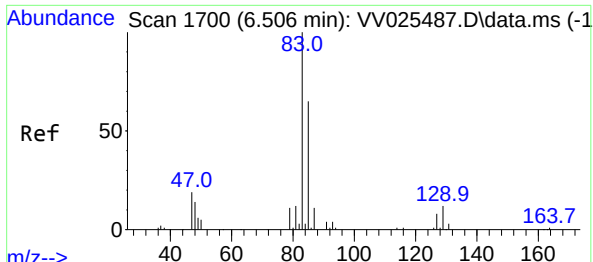
Tgt Ion: 63 Resp: 5887

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#38

Bromodichloromethane

Concen: 0.226 ug/L

RT: 6.519 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV025502.D

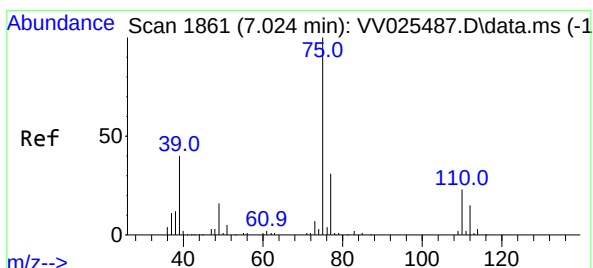
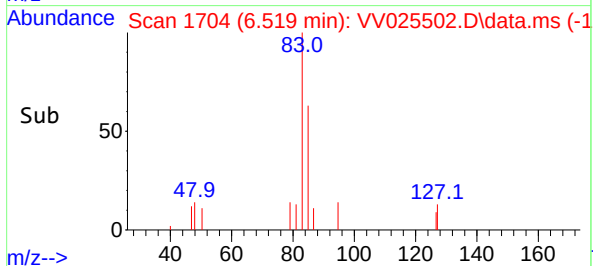
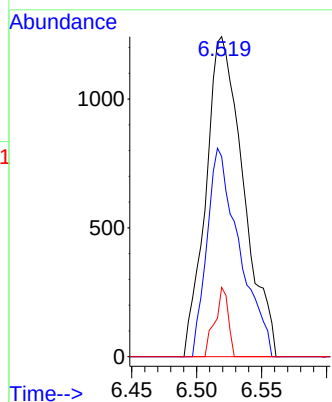
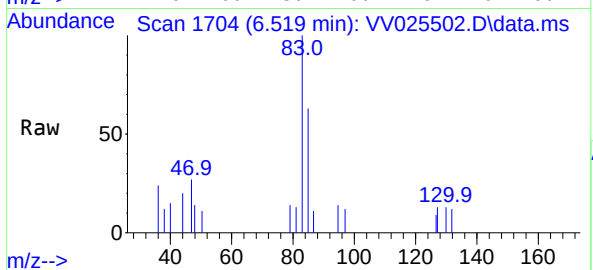
Acq: 13 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 2498
Ion Ratio	Lower Upper
83 100	
85 62.6	44.4 82.4
127 21.7	7.2 10.8#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

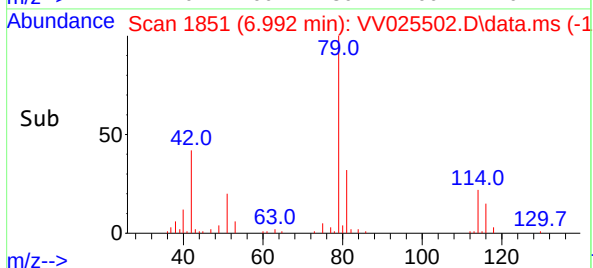
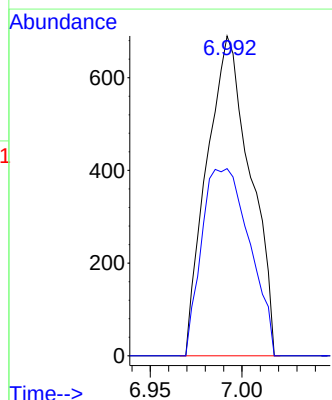
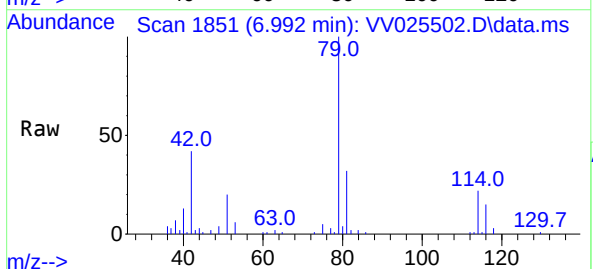
RT: 6.992 min Scan# 1851

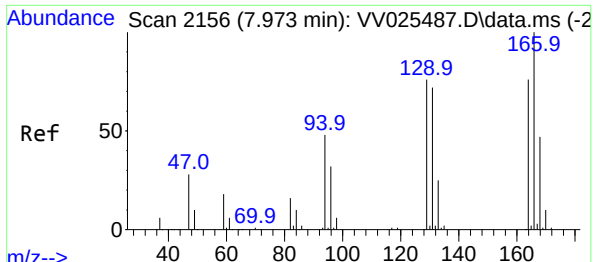
Delta R.T. -0.032 min

Lab File: VV025502.D

Acq: 13 Apr 2022 19:07

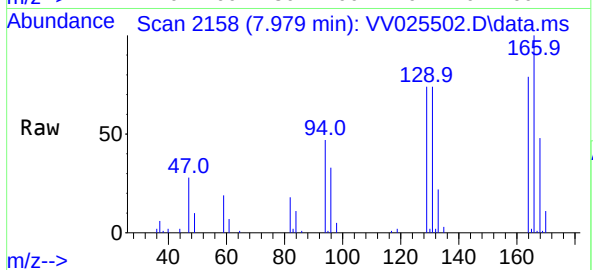
Tgt Ion: 75	Resp: 1140
Ion Ratio	Lower Upper
75 100	
77 58.6	21.8 40.6#



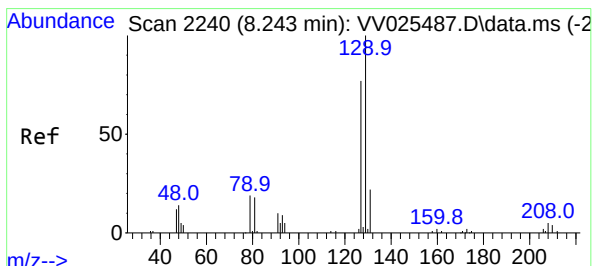
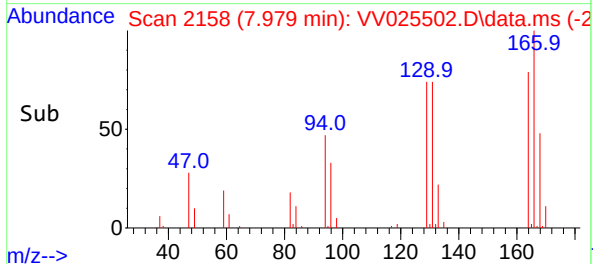
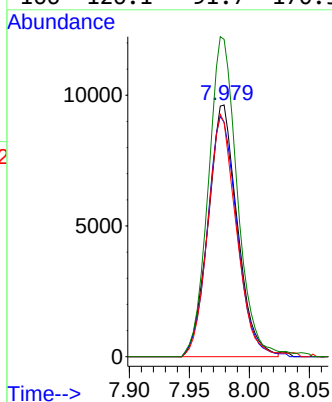


#47
Tetrachloroethene
Concen: 2.042 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV025502.D
Acq: 13 Apr 2022 19:07

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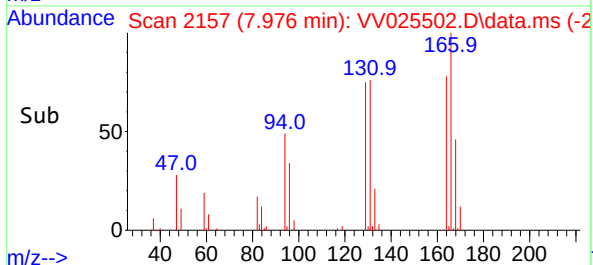
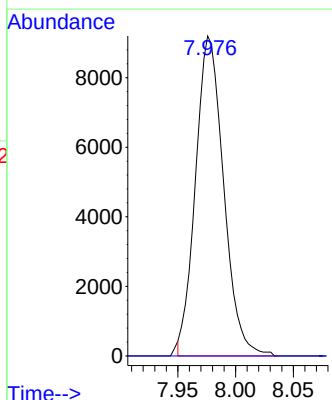
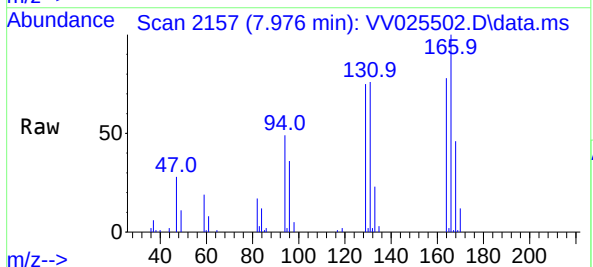


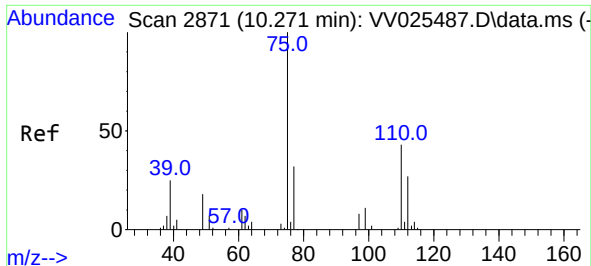
Tgt Ion:164 Resp: 16315
Ion Ratio Lower Upper
164 100
129 93.1 66.8 124.2
131 93.1 66.4 123.4
166 126.1 91.7 170.3



#49
Dibromochloromethane
Concen: 2.382 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025502.D
Acq: 13 Apr 2022 19:07

Tgt Ion:129 Resp: 15566
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#





#61

1,2,3-Trichloropropane

Concen: 1.862 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

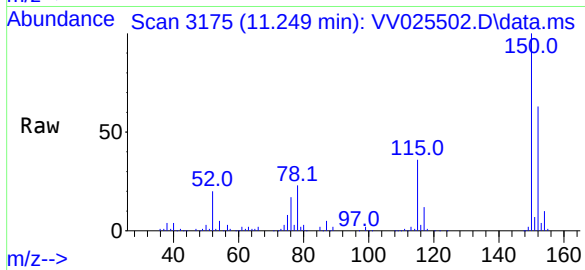
Lab File: VV025502.D

Acq: 13 Apr 2022 19:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 7196

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

110 2.0 34.7 52.1#

