

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023730.D
 Acq On : 26 Nov 2021 16:58
 Operator : SY/MD
 Sample : M4821-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:54:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

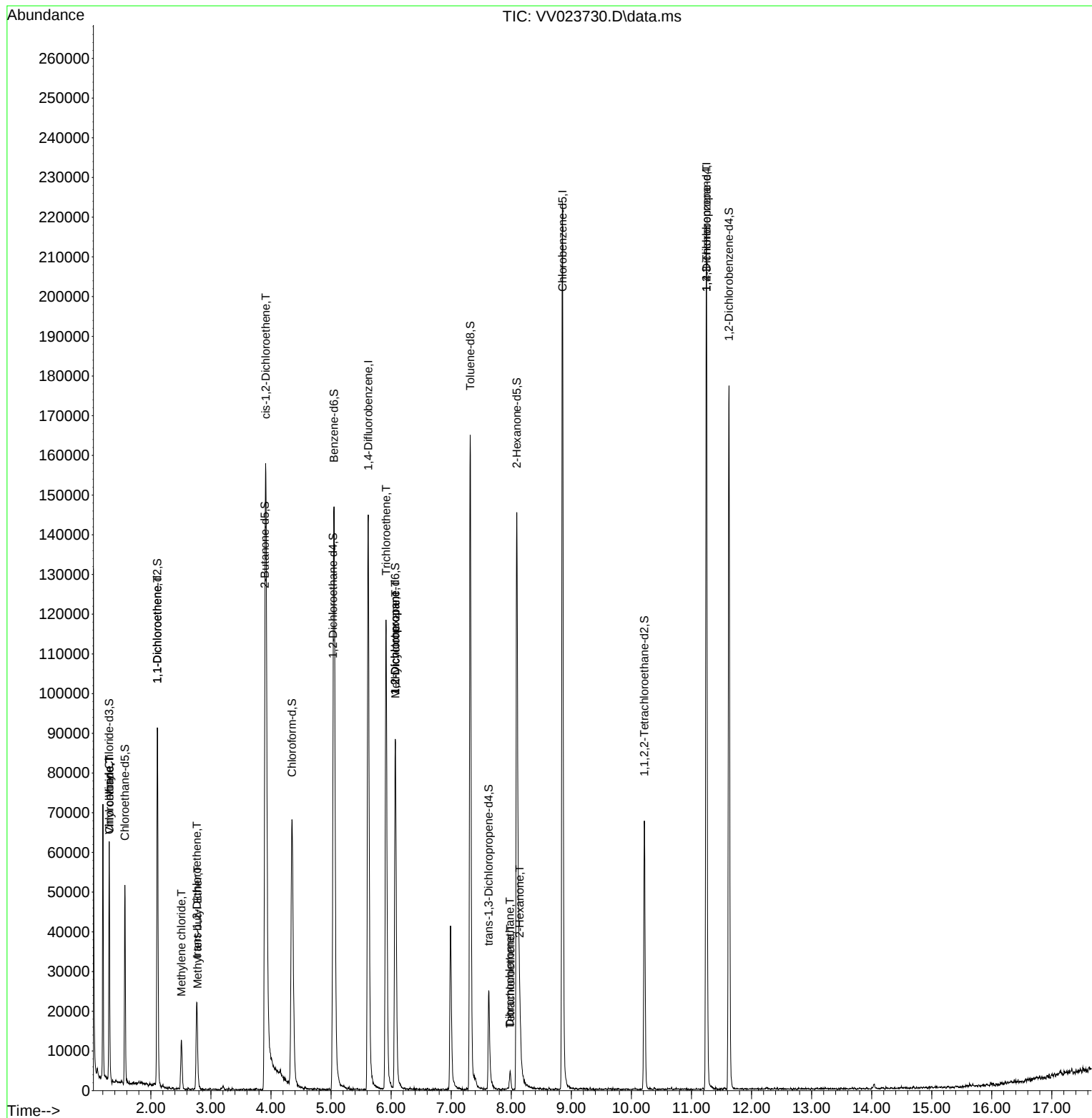
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131244	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31800	2.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.568	69	29579	3.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.108	63	44977	2.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	3.899	46	44111	34.057	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.120%
24) Chloroform-d	4.352	84	70570	3.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.034	65	36962	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.050	84	133775	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.069	67	41973	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.317	98	111755	3.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.625	79	15018	3.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.091	63	64318	50.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31347	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46828	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4498	0.396	ug/L	83
8) Chloroethane	1.310	64	1656	0.230	ug/L	95
12) 1,1-Dichloroethene	2.108	96	558	0.063	ug/L #	1
16) Methylene chloride	2.510	84	5325	0.424	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	1206	0.067	ug/L #	81
18) trans-1,2-Dichloroethene	2.767	96	8637	0.862	ug/L	88
22) cis-1,2-Dichloroethene	3.912	96	80930	8.426	ug/L	99
34) Trichloroethene	5.915	95	41161	4.294	ug/L	96
35) Methylcyclohexane	6.072	83	10345	0.692	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4883	0.574	ug/L #	84
47) Tetrachloroethene	7.985	164	1222	0.140	ug/L #	80
48) 2-Hexanone	8.140	43	3515	1.171	ug/L #	82
49) Dibromochloromethane	7.979	129	957	0.119	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6519	1.511	ug/L #	64

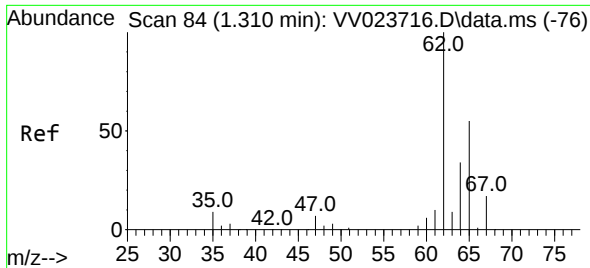
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023730.D
Acq On : 26 Nov 2021 16:58
Operator : SY/MD
Sample : M4821-12DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:54:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration

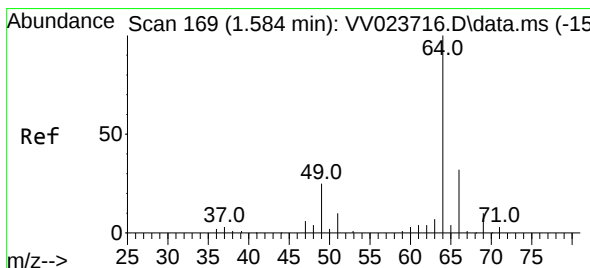
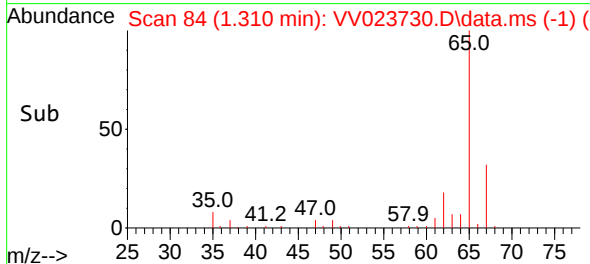
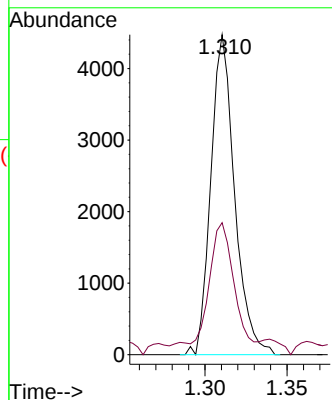
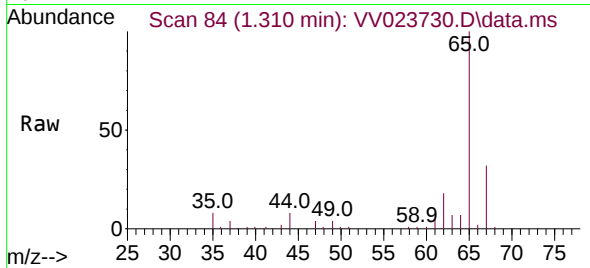




#5
 Vinyl chloride
 Concen: 0.396 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023730.D
 Acq: 26 Nov 2021 16:58

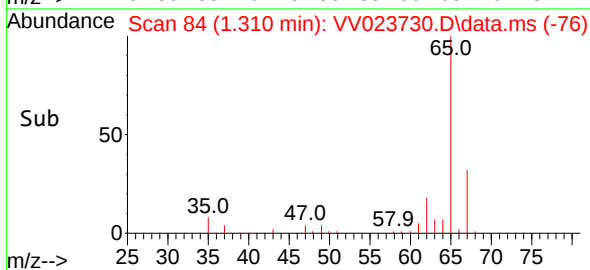
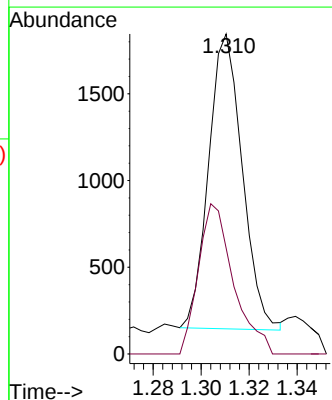
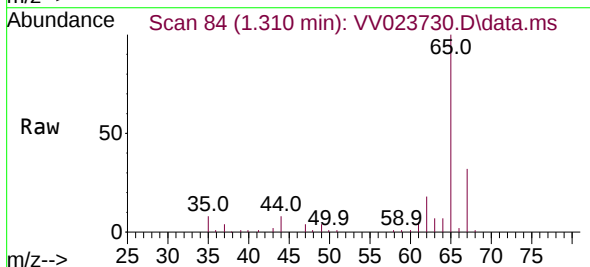
Instrument :
 MSVOA_V
 ClientSampleId :

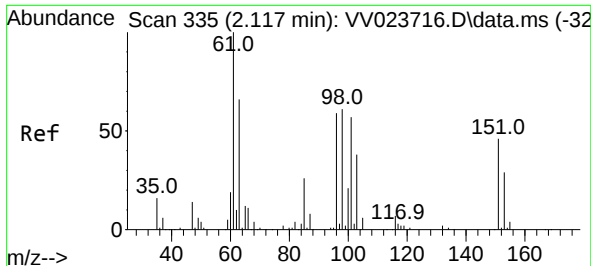
Tgt Ion: 62 Resp: 4498
 Ion Ratio Lower Upper
 62 100
 64 41.2 22.4 41.6



#8
 Chloroethane
 Concen: 0.230 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV023730.D
 Acq: 26 Nov 2021 16:58

Tgt Ion: 64 Resp: 1656
 Ion Ratio Lower Upper
 64 100
 66 33.1 21.4 39.8





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Instrument :

MSVOA_V

ClientSampleId :

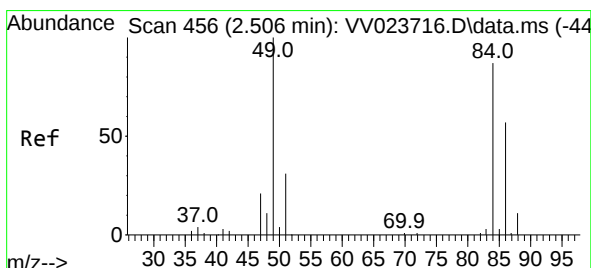
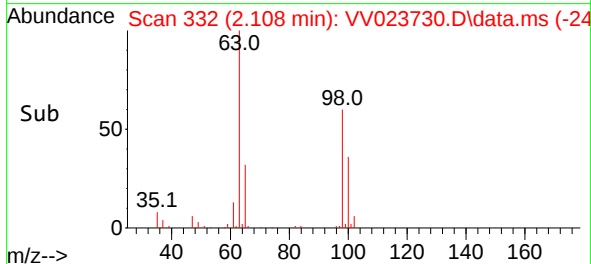
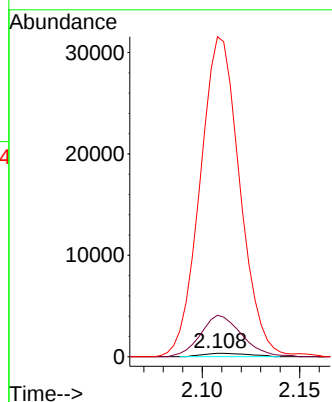
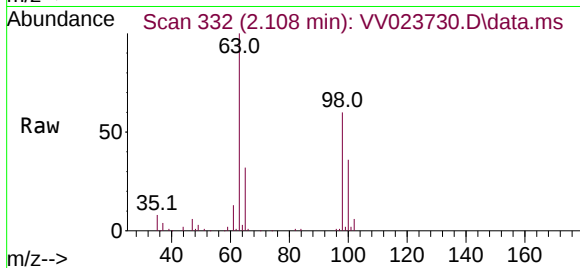
Tgt Ion: 96 Resp: 558

Ion Ratio Lower Upper

96 100

61 1212.5 116.1 215.5#

63 9367.4 79.4 147.4#



#16

Methylene chloride

Concen: 0.424 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

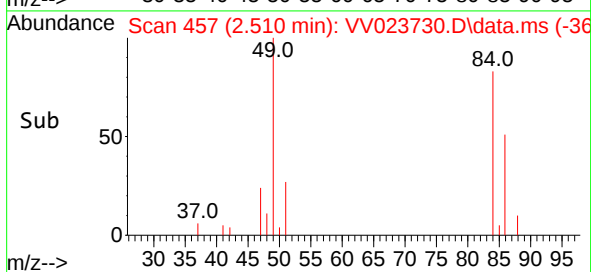
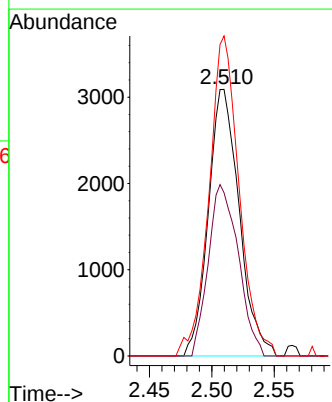
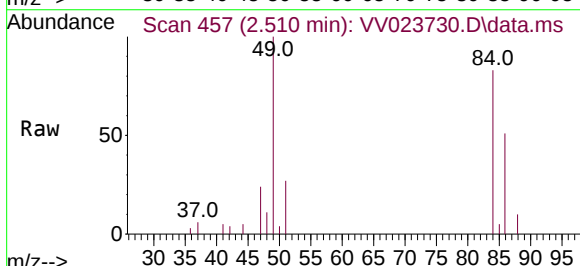
Tgt Ion: 84 Resp: 5325

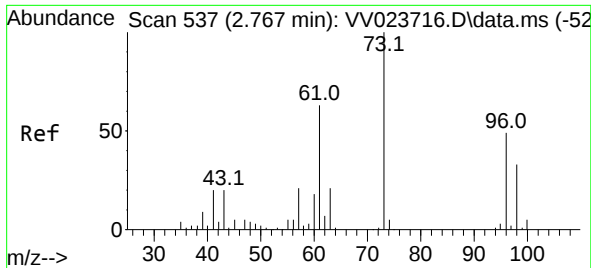
Ion Ratio Lower Upper

84 100

86 61.2 42.6 79.0

49 120.0 79.7 147.9

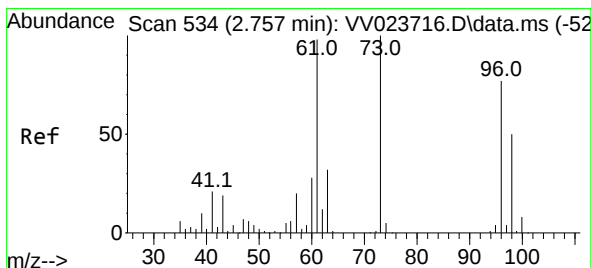
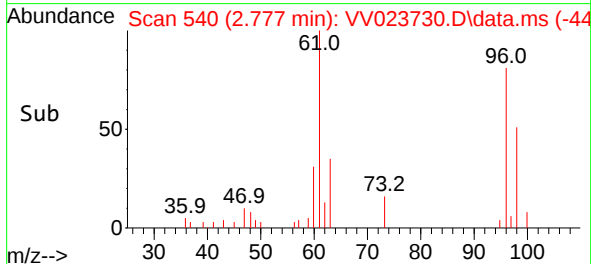
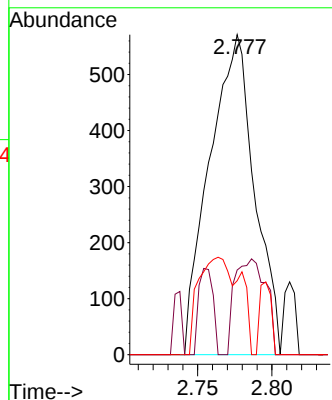
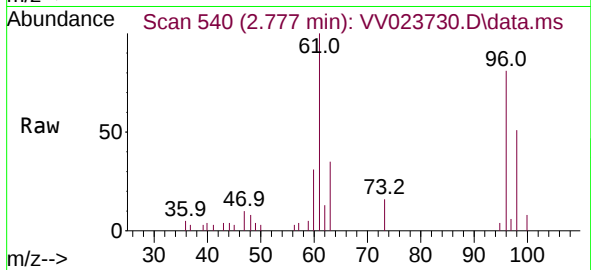




#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

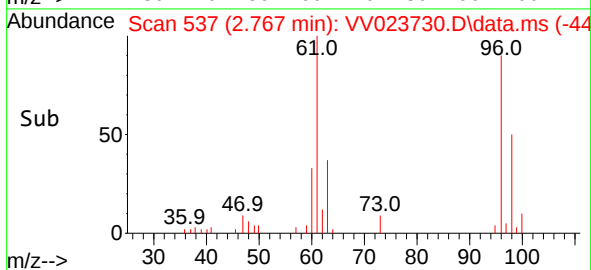
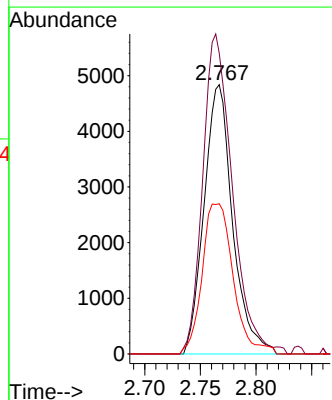
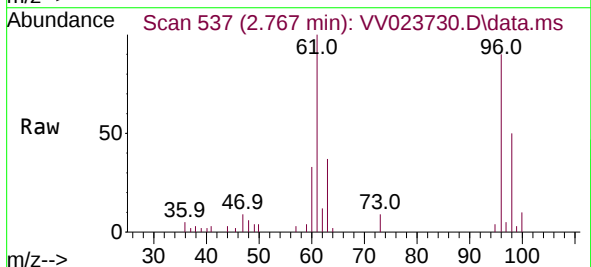
Instrument :
MSVOA_V
ClientSampleId :

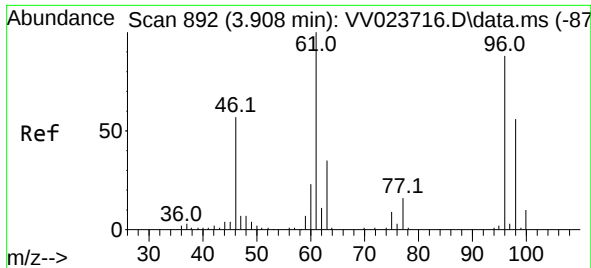
Tgt Ion: 73 Resp: 1206
Ion Ratio Lower Upper
73 100
43 20.7 15.5 23.3
57 5.8 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.862 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

Tgt Ion: 96 Resp: 8637
Ion Ratio Lower Upper
96 100
61 111.7 88.2 163.8
98 55.8 44.9 83.5

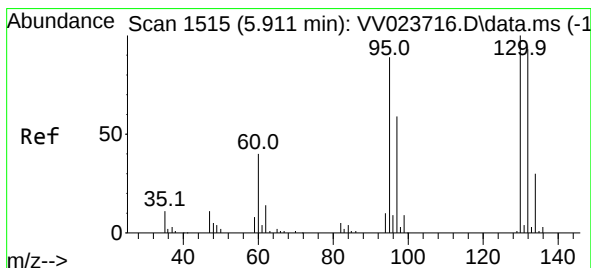
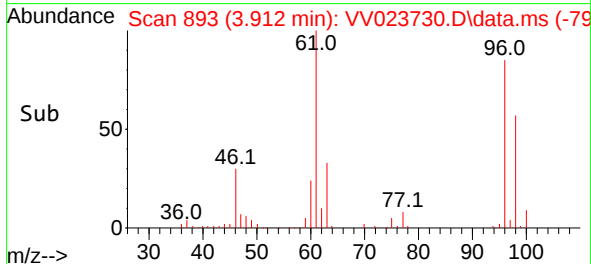
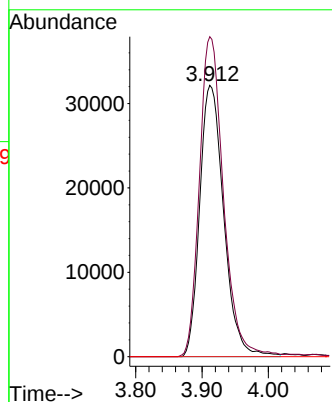
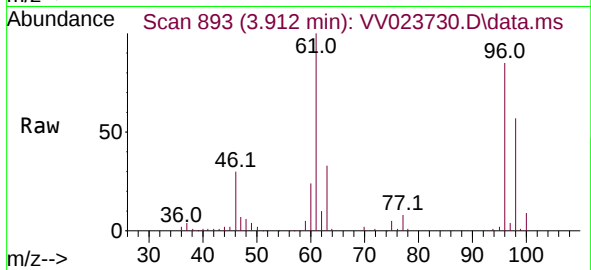




#22
cis-1,2-Dichloroethene
Concen: 8.426 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

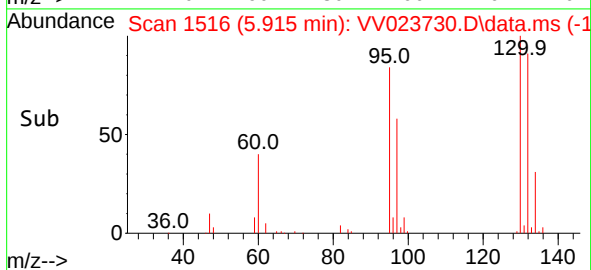
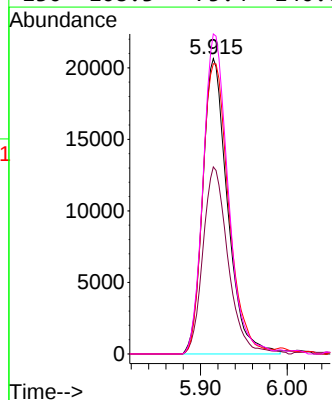
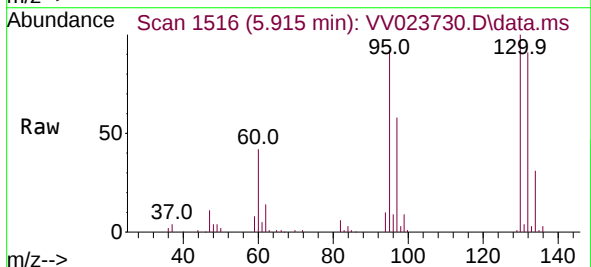
Instrument :
MSVOA_V
ClientSampleId :

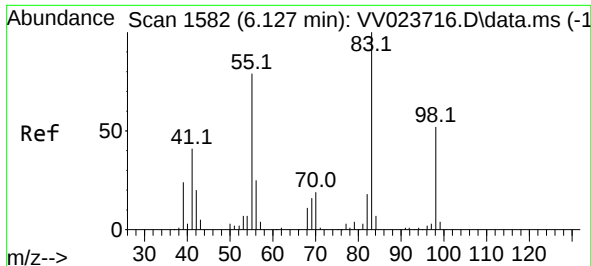
Tgt Ion: 96 Resp: 80930
Ion Ratio Lower Upper
96 100
61 117.9 83.4 154.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 4.294 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023730.D
Acq: 26 Nov 2021 16:58

Tgt Ion: 95 Resp: 41161
Ion Ratio Lower Upper
95 100
97 63.3 45.2 84.0
132 98.3 76.1 141.3
130 108.3 75.4 140.0





#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023730.D

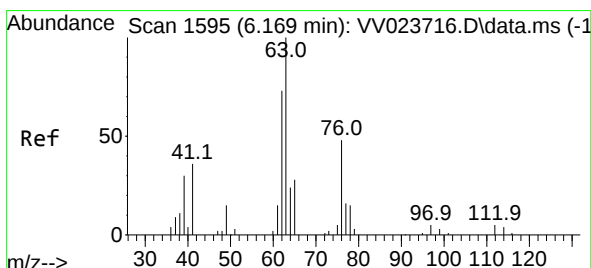
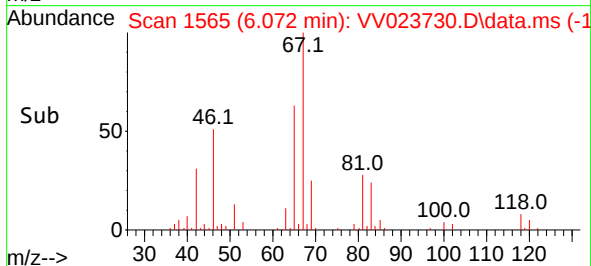
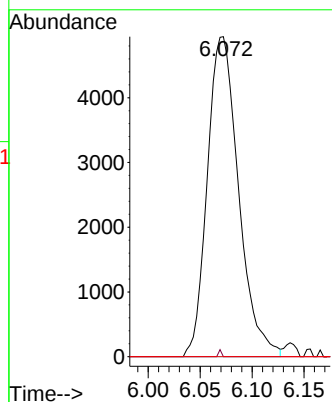
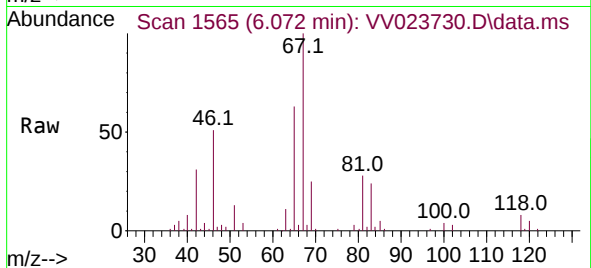
Acq: 26 Nov 2021 16:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10345
Ion Ratio	Lower Upper
83	100
55	0.2 60.2 90.2#
98	0.7 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.574 ug/L

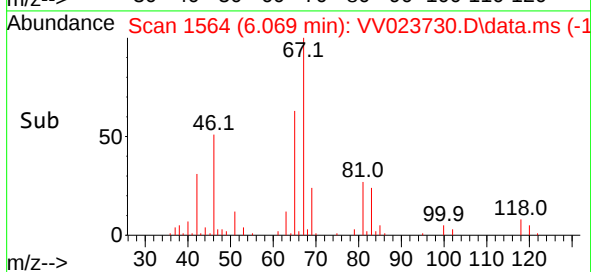
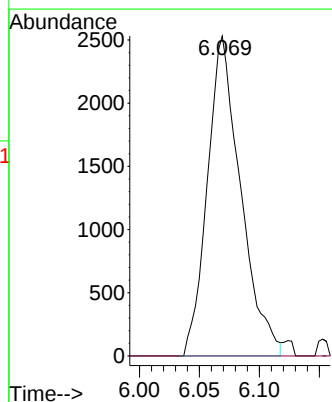
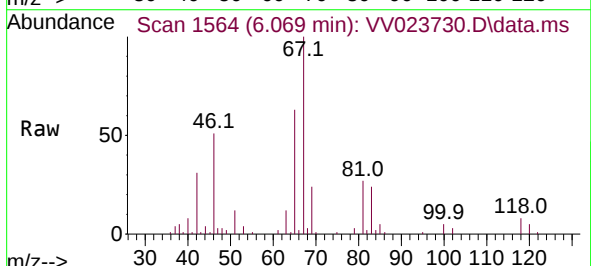
RT: 6.069 min Scan# 1564

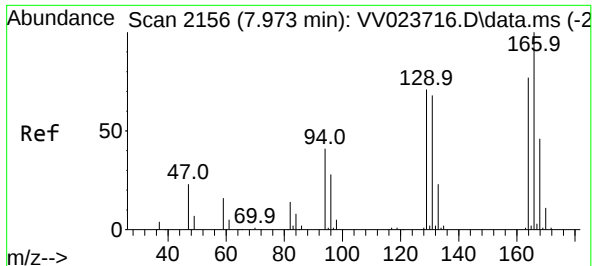
Delta R.T. -0.100 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Tgt Ion: 63	Resp: 4883
Ion Ratio	Lower Upper
63	100
112	0.0 4.3 6.5#





#47

Tetrachloroethene

Concen: 0.140 ug/L

RT: 7.985 min Scan# 2156

Delta R.T. 0.013 min

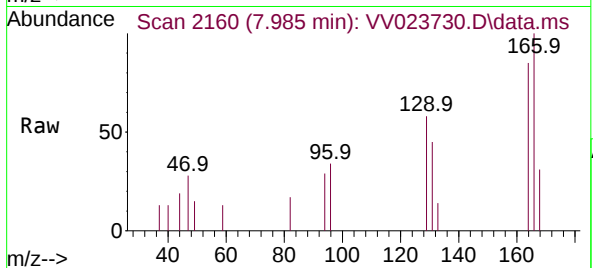
Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1222

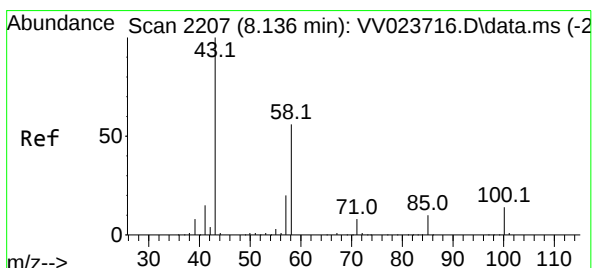
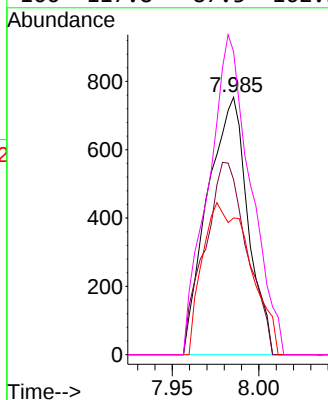
Ion Ratio Lower Upper

164 100

129 68.0 62.6 116.2

131 53.1 61.0 113.4#

166 117.8 87.3 162.1



#48

2-Hexanone

Concen: 1.171 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.003 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Tgt Ion: 43 Resp: 3515

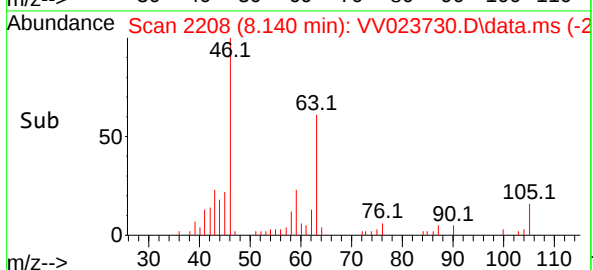
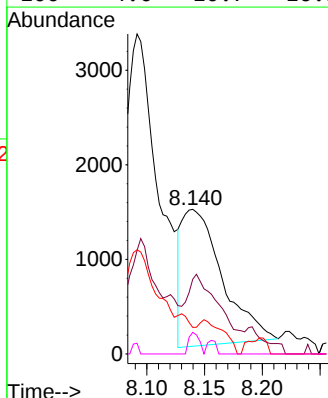
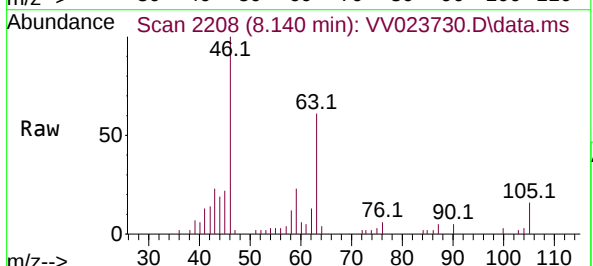
Ion Ratio Lower Upper

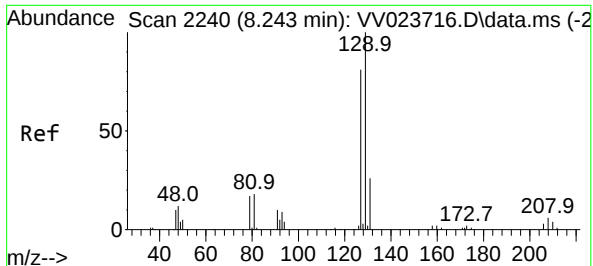
43 100

58 48.8 44.5 66.7

57 0.0 15.1 22.7#

100 4.0 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.119 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Instrument :

MSVOA_V

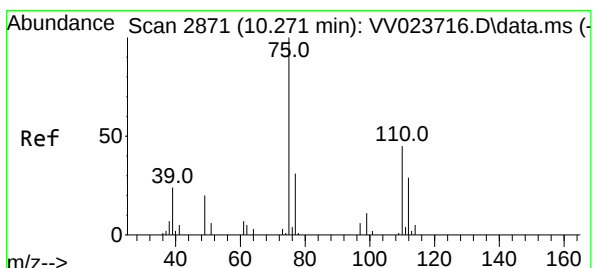
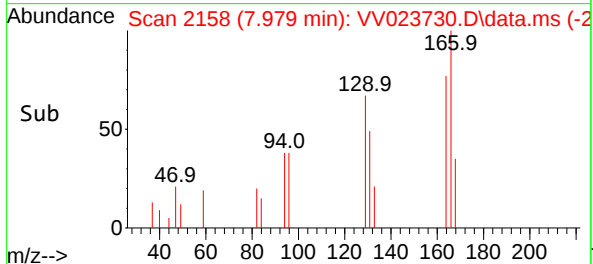
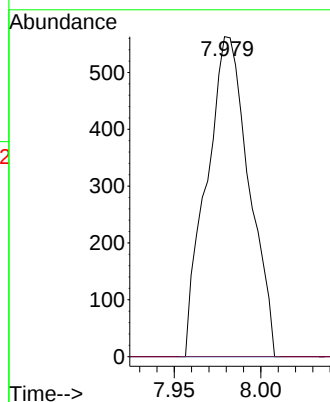
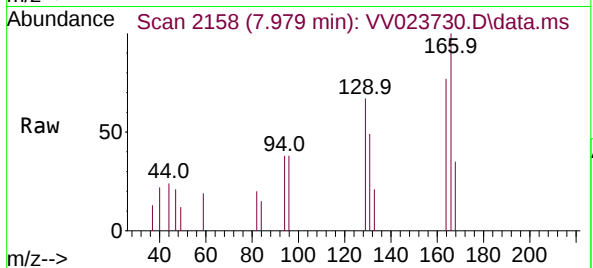
ClientSampleId :

Tgt Ion:129 Resp: 957

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.511 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023730.D

Acq: 26 Nov 2021 16:58

Tgt Ion: 75 Resp: 6519

Ion Ratio Lower Upper

75 100

77 33.6 26.4 39.6

110 2.5 34.2 51.2#

