

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023695.D
 Acq On : 24 Nov 2021 13:06
 Operator : SY/MD
 Sample : M4723-14DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

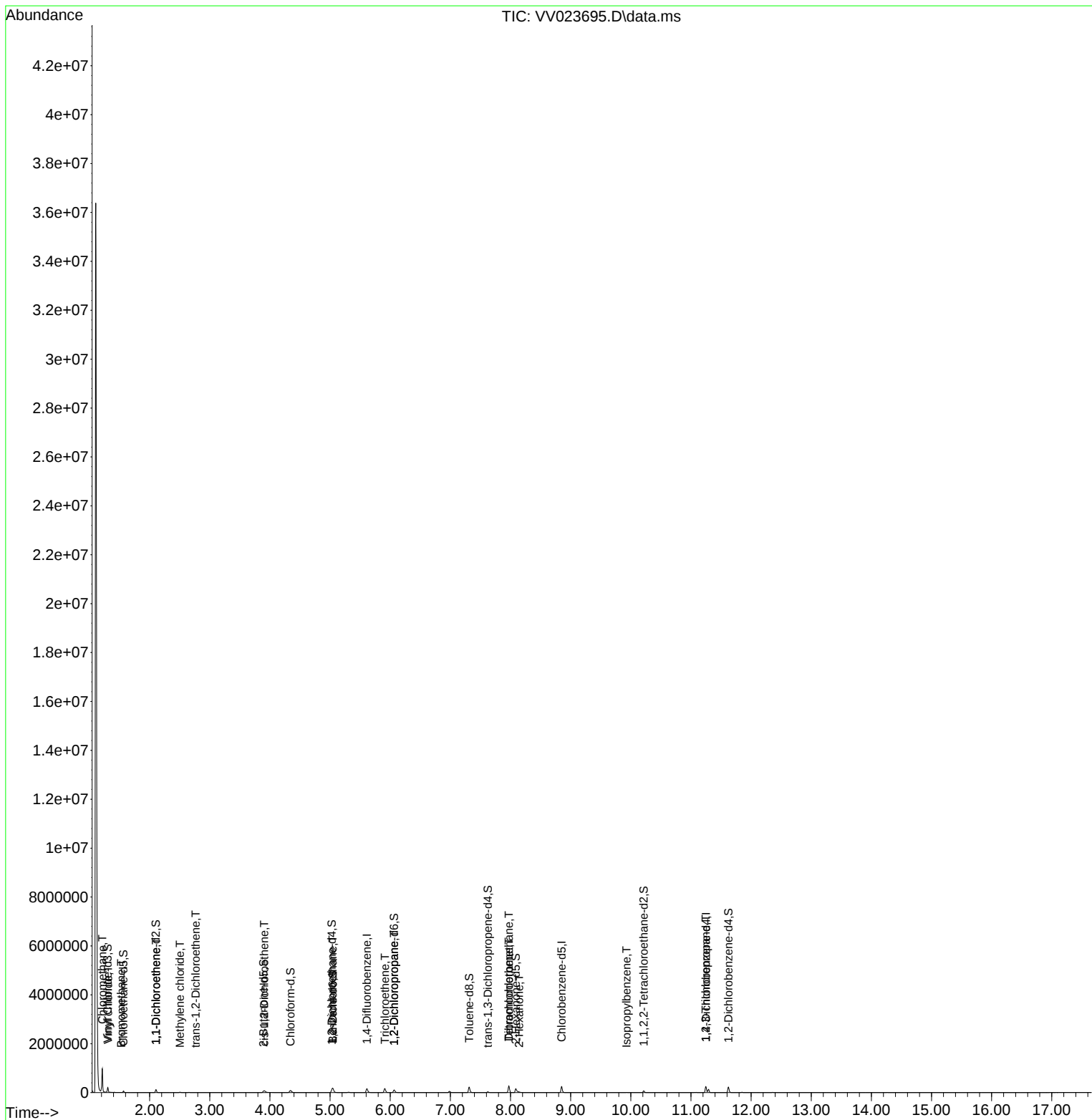
Quant Time: Nov 26 01:52:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

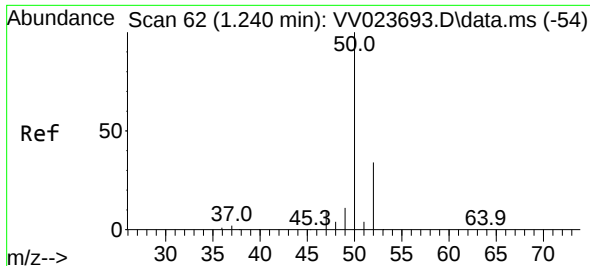
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	140325	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47217	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.565	69	37989	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.105	63	64382	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.892	46	56354	40.694	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.380%
24) Chloroform-d	4.343	84	89807	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.027	65	41903	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.043	84	170117	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	49407	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.314	98	151607	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.622	79	19299	4.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.088	63	68872	48.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34521	4.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59984	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	5857	0.506	ug/L #	71
5) Vinyl chloride	1.311	62	4198	0.345	ug/L #	69
6) Bromomethane	1.526	94	507	0.074	ug/L	95
12) 1,1-Dichloroethene	2.108	96	680	0.072	ug/L #	1
16) Methylene chloride	2.503	84	7108	0.530	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	734	0.069	ug/L #	70
22) cis-1,2-Dichloroethene	3.905	96	33031	3.216	ug/L	97
27) 1,2-Dichloroethane	5.043	62	996	0.093	ug/L #	73
34) Trichloroethene	5.912	95	55768	5.248	ug/L	98
37) 1,2-Dichloropropane	6.066	63	5646	0.599	ug/L #	84
47) Tetrachloroethene	7.973	164	60354	6.240	ug/L	98
48) 2-Hexanone	8.143	43	4736	1.424	ug/L #	65
49) Dibromochloromethane	7.973	129	52802	5.901	ug/L #	12
60) Isopropylbenzene	9.931	105	3901	0.097	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	6980	1.458	ug/L #	65

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

Quant Time: Nov 26 01:52:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
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QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration

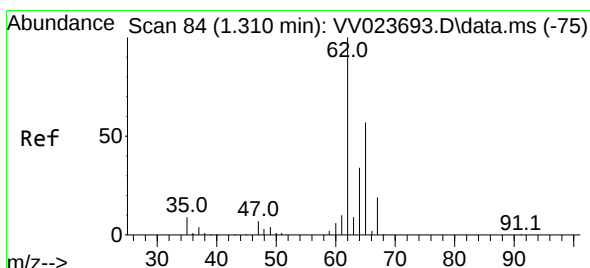
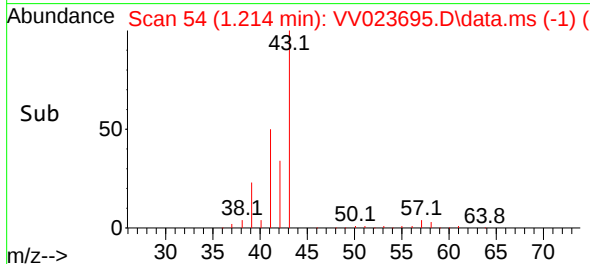
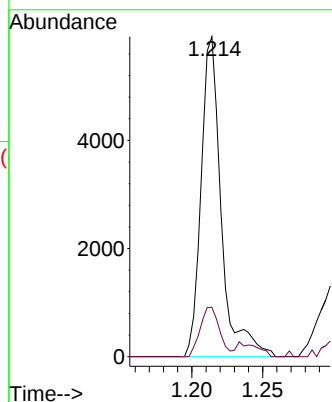
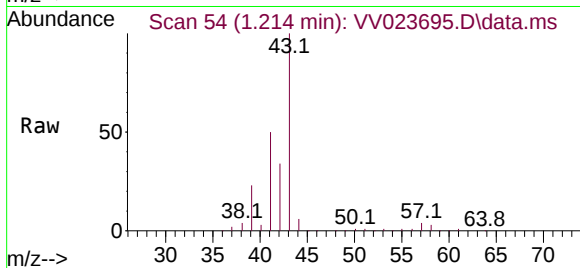




#3
Chloromethane
Concen: 0.506 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.026 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

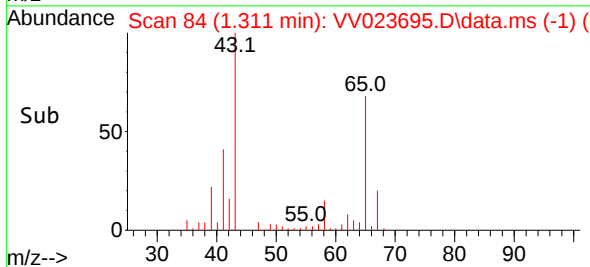
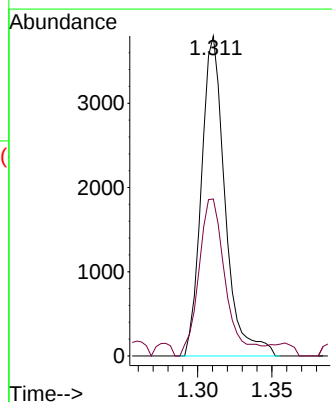
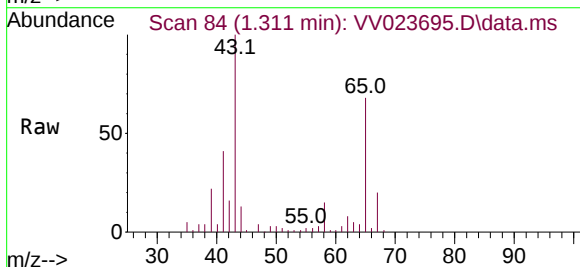
Instrument :
MSVOA_V
ClientSampleId :

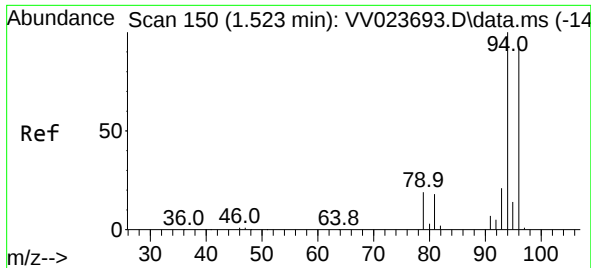
Tgt Ion: 50 Resp: 5857
Ion Ratio Lower Upper
50 100
52 15.4 22.0 41.0#



#5
Vinyl chloride
Concen: 0.345 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

Tgt Ion: 62 Resp: 4198
Ion Ratio Lower Upper
62 100
64 49.0 22.4 41.6#

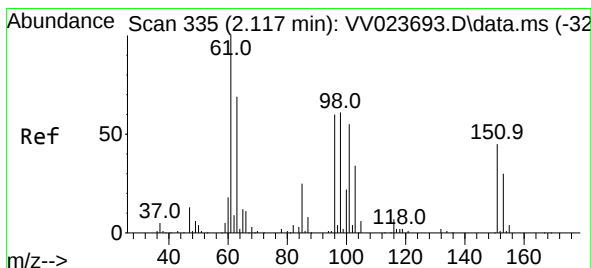
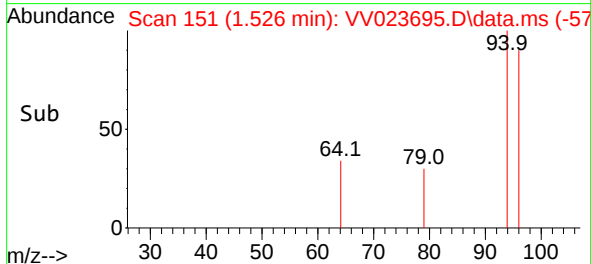
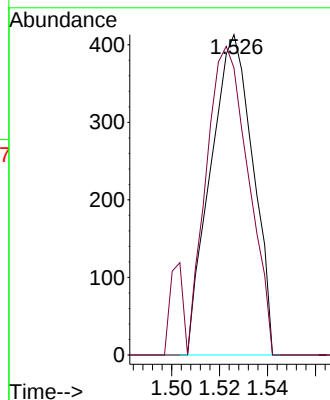
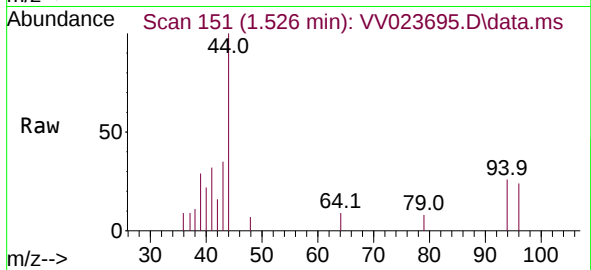




#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

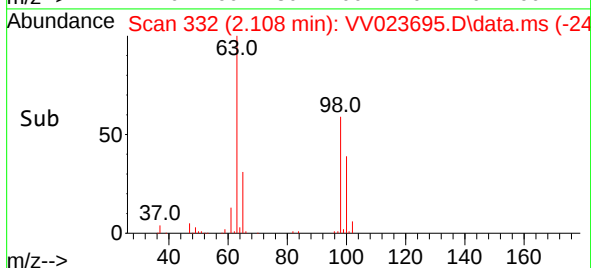
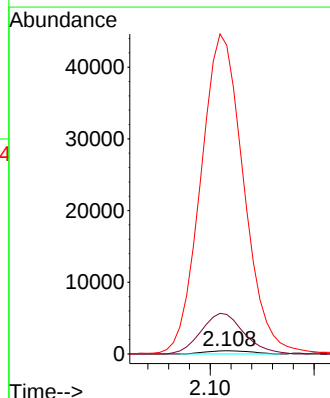
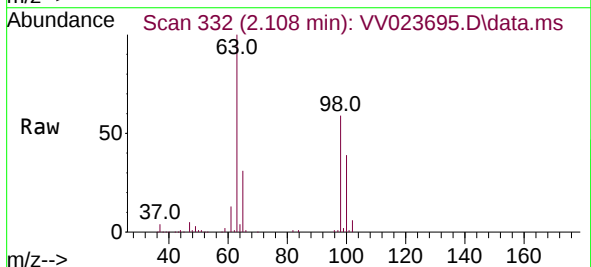
Instrument :
MSVOA_V
ClientSampleId :

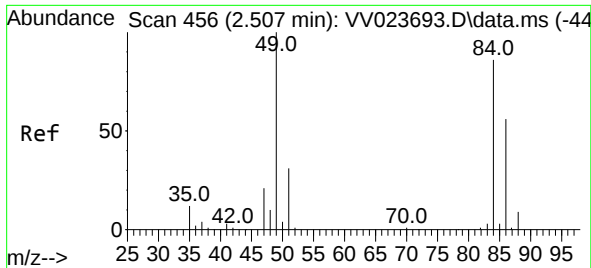
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 89.6 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

Tgt Ion: 96 Resp: 680
Ion Ratio Lower Upper
96 100
61 1251.5 116.1 215.5#
63 9761.5 79.4 147.4#

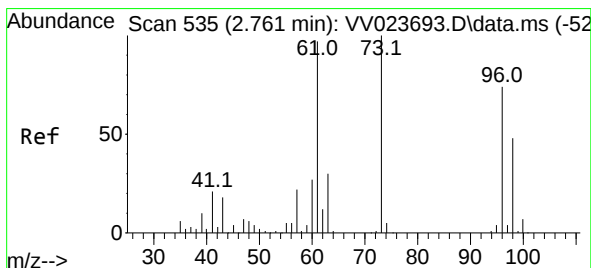
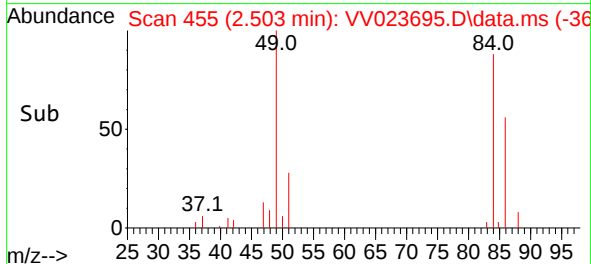
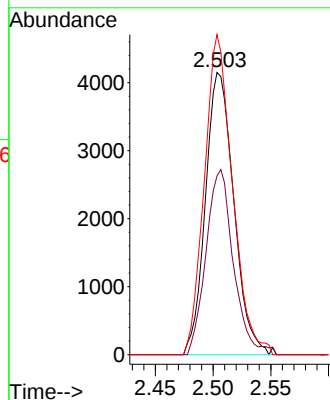
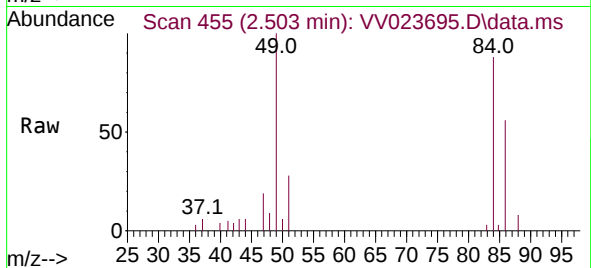




#16
Methylene chloride
Concen: 0.530 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

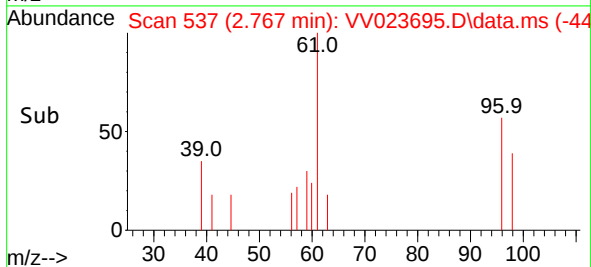
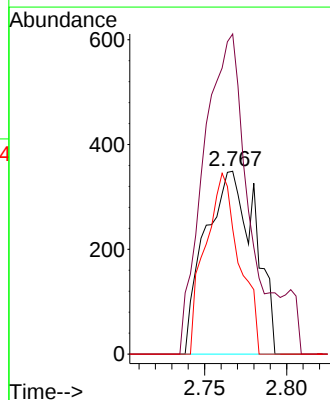
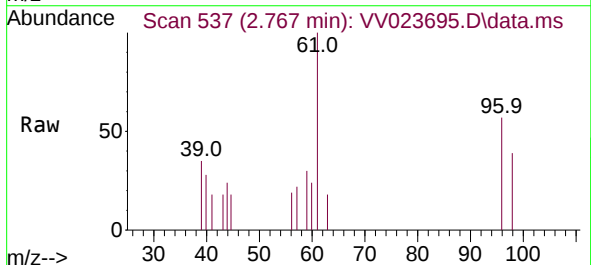
Instrument :
MSVOA_V
ClientSampleId :

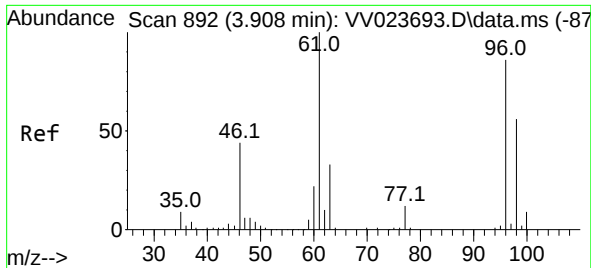
Tgt Ion: 84 Resp: 7108
Ion Ratio Lower Upper
84 100
86 63.3 42.6 79.0
49 113.4 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

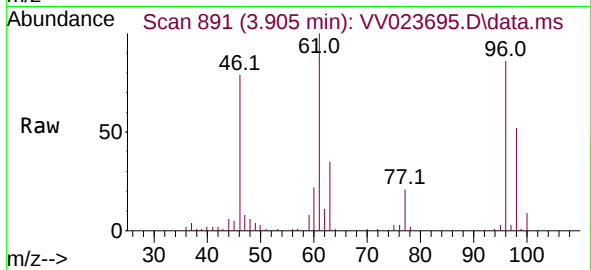
Tgt Ion: 96 Resp: 734
Ion Ratio Lower Upper
96 100
61 175.1 88.2 163.8#
98 68.5 44.9 83.5





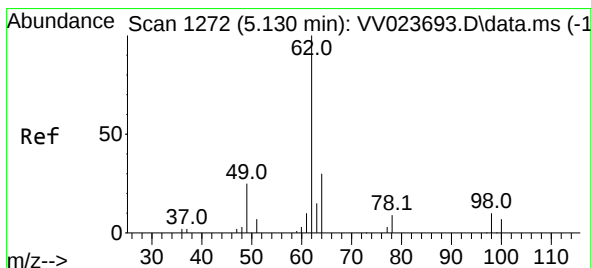
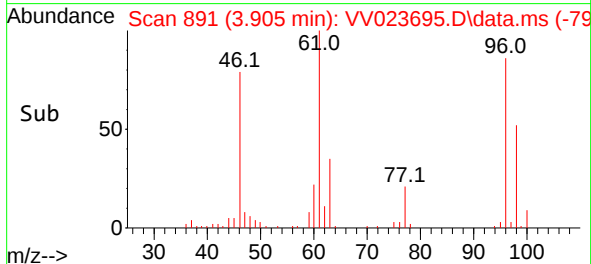
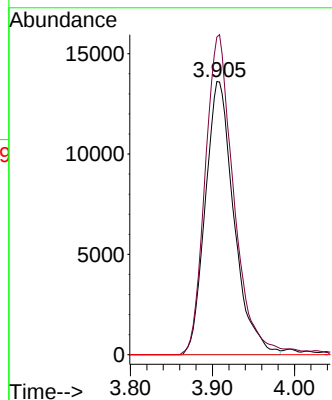
#22
 cis-1,2-Dichloroethene
 Concen: 3.216 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV023695.D
 Acq: 24 Nov 2021 13:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 33031

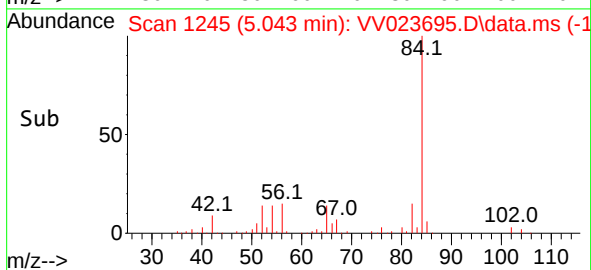
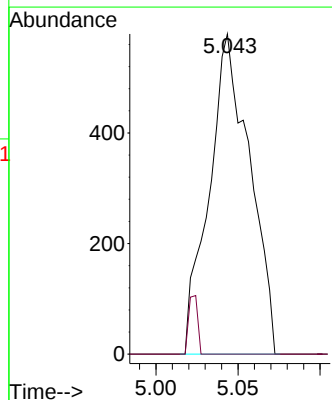
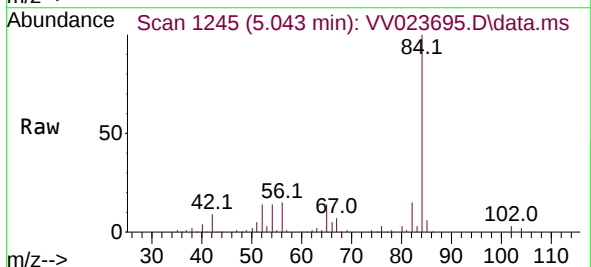
Ion	Ratio	Lower	Upper
96	100		
61	116.3	83.4	154.8
68	0.0	0.0	0.0

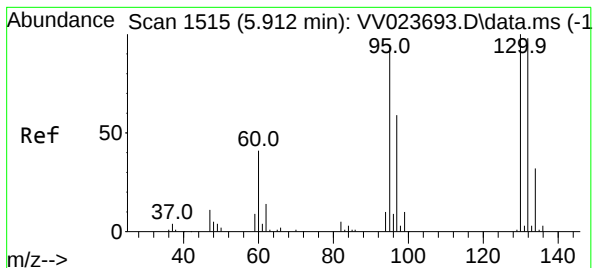


#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.087 min
 Lab File: VV023695.D
 Acq: 24 Nov 2021 13:06

Tgt Ion: 62 Resp: 996

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.1	12.1#





#34

Trichloroethene

Concen: 5.248 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023695.D

Acq: 24 Nov 2021 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 55768

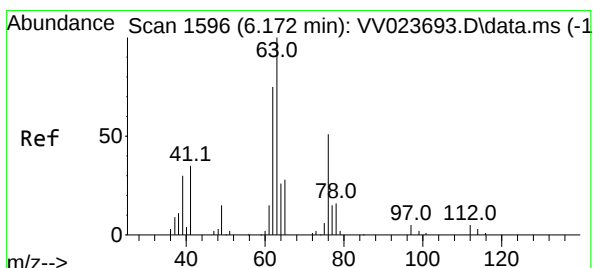
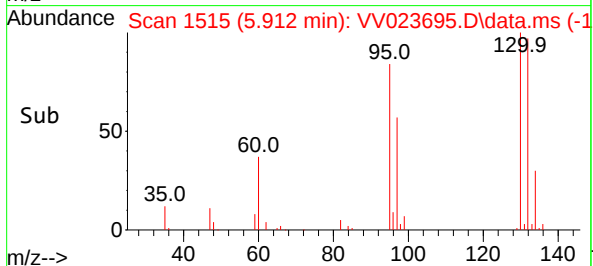
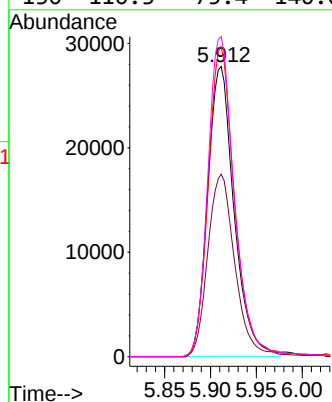
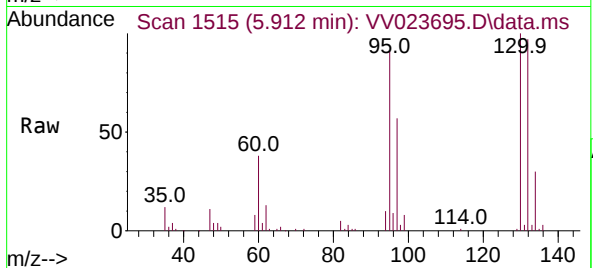
Ion Ratio Lower Upper

95 100

97 62.9 45.2 84.0

132 106.9 76.1 141.3

130 110.3 75.4 140.0



#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV023695.D

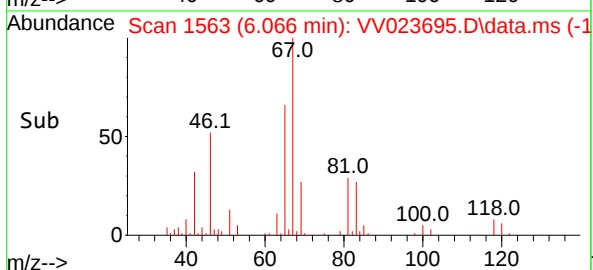
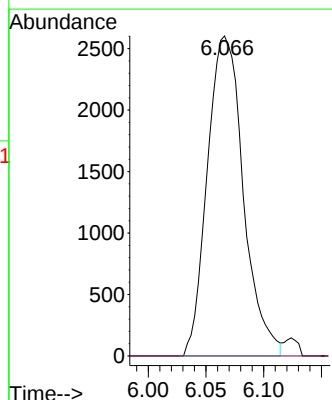
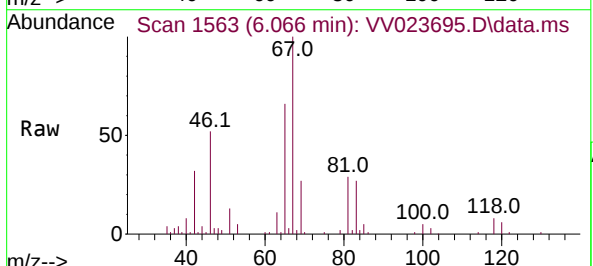
Acq: 24 Nov 2021 13:06

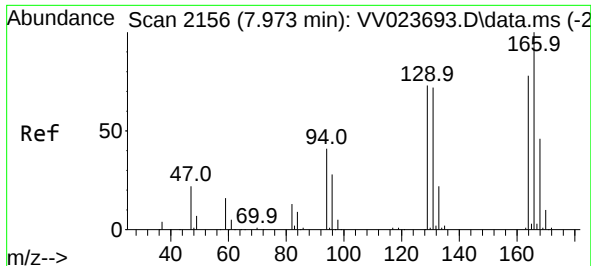
Tgt Ion: 63 Resp: 5646

Ion Ratio Lower Upper

63 100

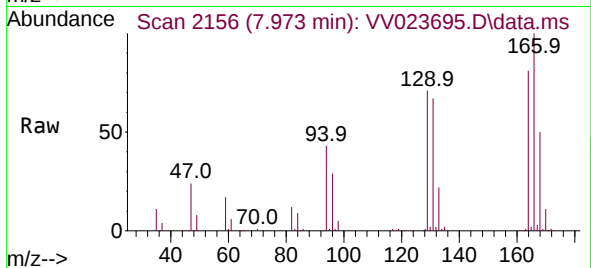
112 0.0 4.3 6.5#





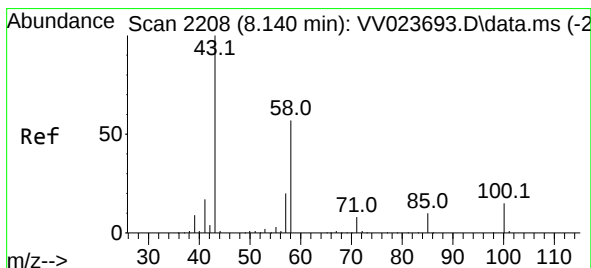
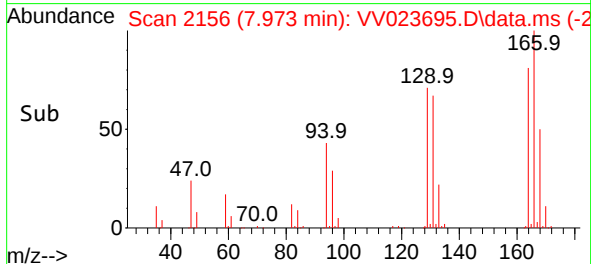
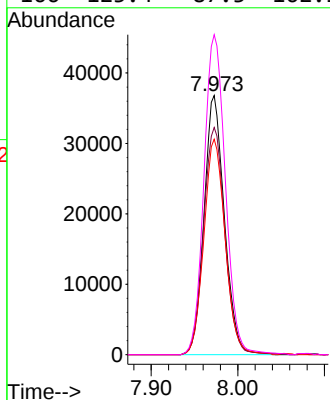
#47
Tetrachloroethene
Concen: 6.240 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 60354

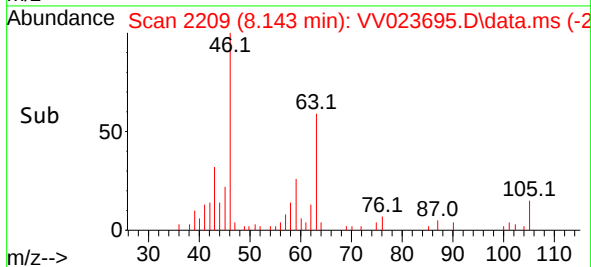
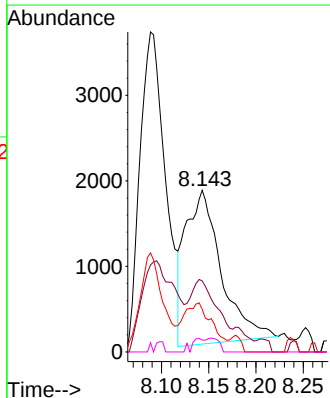
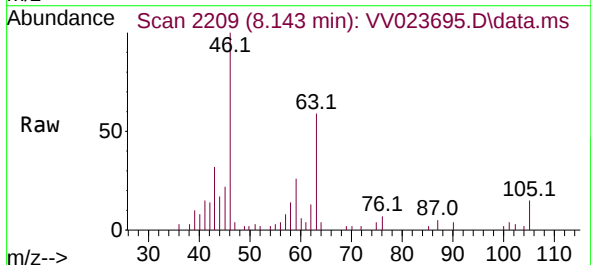
Ion	Ratio	Lower	Upper
164	100		
129	87.7	62.6	116.2
131	83.1	61.0	113.4
166	123.4	87.3	162.1

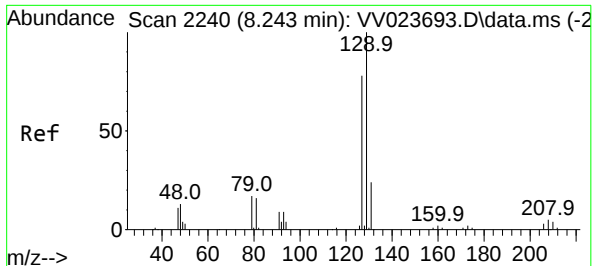


#48
2-Hexanone
Concen: 1.424 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV023695.D
Acq: 24 Nov 2021 13:06

Tgt Ion: 43 Resp: 4736

Ion	Ratio	Lower	Upper
43	100		
58	24.6	44.5	66.7#
57	26.3	15.1	22.7#
100	2.7	10.7	16.1#





#49

Dibromochloromethane

Concen: 5.901 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV023695.D

Acq: 24 Nov 2021 13:06

Instrument :

MSVOA_V

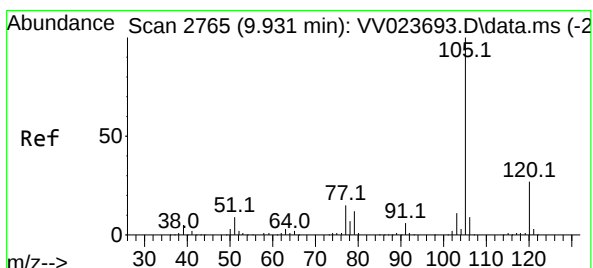
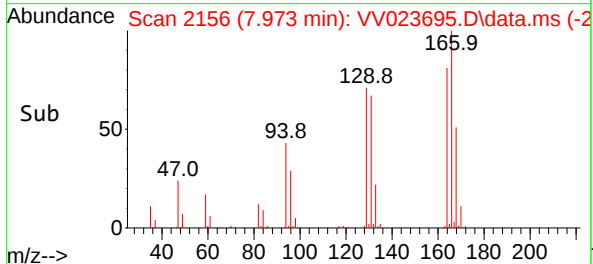
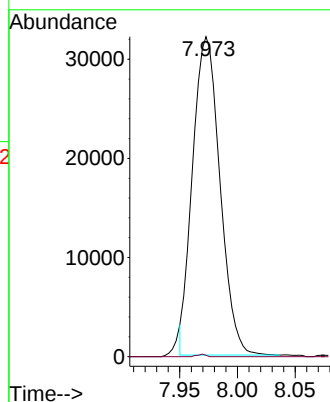
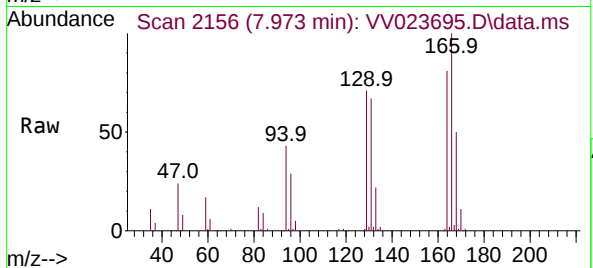
ClientSampleId :

Tgt Ion:129 Resp: 52802

Ion Ratio Lower Upper

129 100

127 0.5 53.5 99.3#



#60

Isopropylbenzene

Concen: 0.097 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.000 min

Lab File: VV023695.D

Acq: 24 Nov 2021 13:06

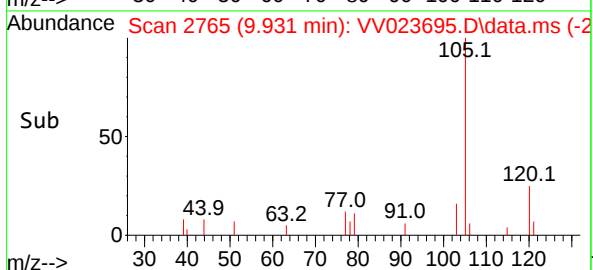
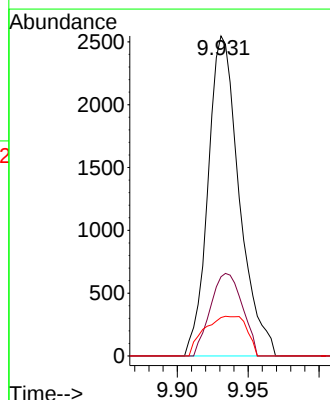
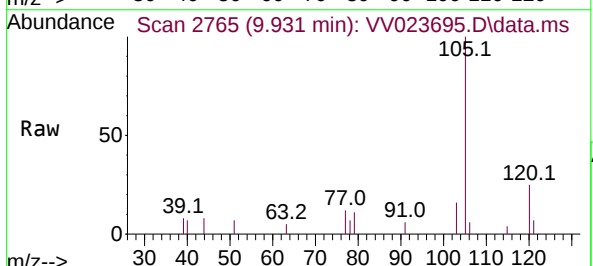
Tgt Ion:105 Resp: 3901

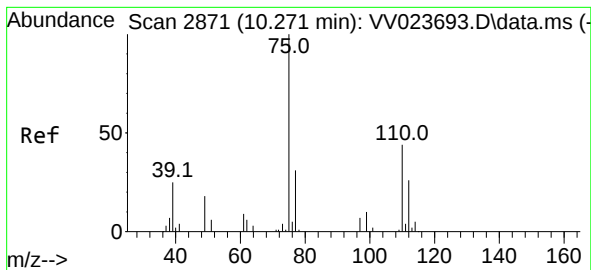
Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.0

77 16.7 12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 1.458 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

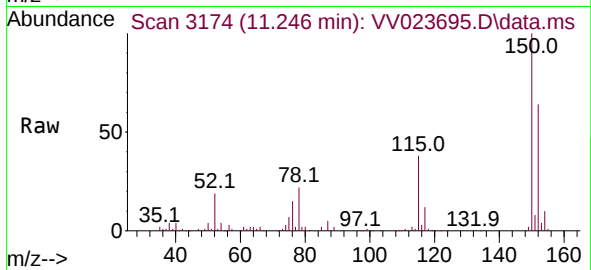
Lab File: VV023695.D

Acq: 24 Nov 2021 13:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6980

Ion Ratio Lower Upper

75 100

77 35.5 26.4 39.6

110 5.2 34.2 51.2#

