

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026752.D
 Acq On : 13 Jul 2022 14:46
 Operator : SY/MD
 Sample : N3601-20DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

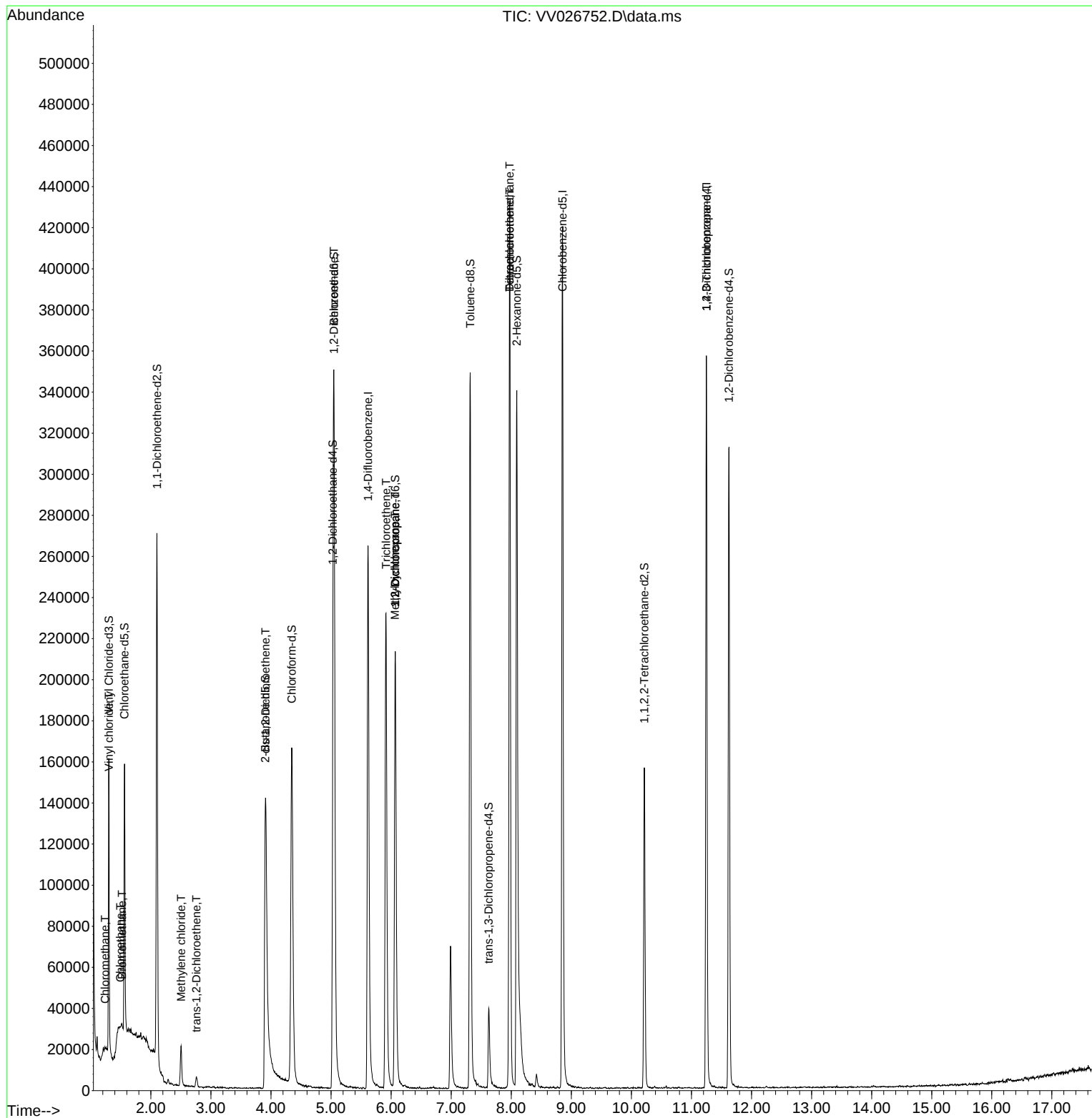
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	230735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	238053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	90912	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.561	69	83250	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.101	63	133282	3.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.905	46	140595	42.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.600%
24) Chloroform-d	4.346	84	178274	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.030	65	85177	5.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.047	84	324343	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.069	67	107275	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	245007	3.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	25250	3.558	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.091	63	139173	45.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78201	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	81714	5.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1423	0.051	ug/L #	1
5) Vinyl chloride	1.304	62	1982	0.069	ug/L #	1
6) Bromomethane	1.519	94	1222	0.071	ug/L	90
8) Chloroethane	1.490	64	43166	2.556	ug/L #	49
16) Methylene chloride	2.503	84	7945	0.330	ug/L	89
18) trans-1,2-Dichloroethene	2.757	96	1888	0.102	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	49491	2.639	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1678	0.088	ug/L #	87
34) Trichloroethene	5.915	95	85923	4.393	ug/L	98
35) Methylcyclohexane	6.066	83	26754	0.896	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	11170	0.587	ug/L #	85
47) Tetrachloroethene	7.972	164	93299	6.082	ug/L	99
49) Dibromochloromethane	7.972	129	91442	5.704	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11454	1.349	ug/L #	66

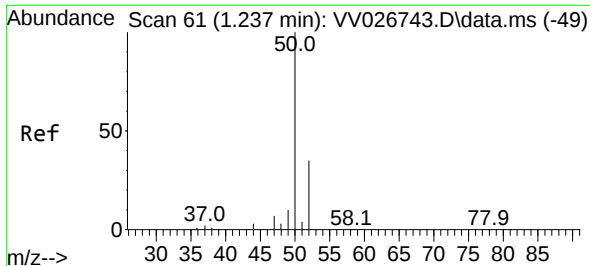
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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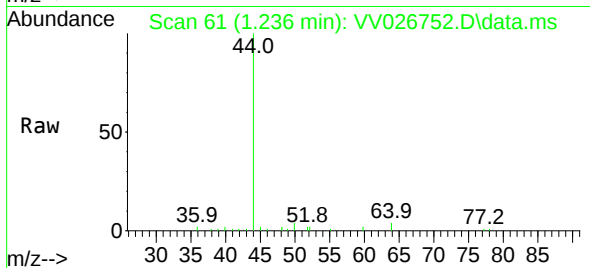
Quant Time: Jul 13 23:03:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
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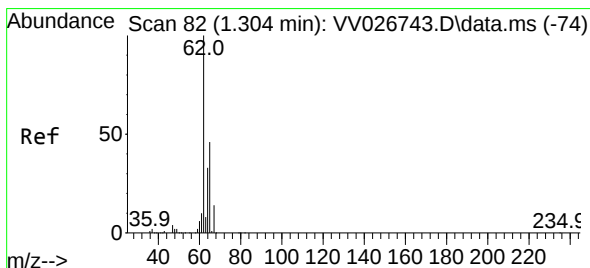
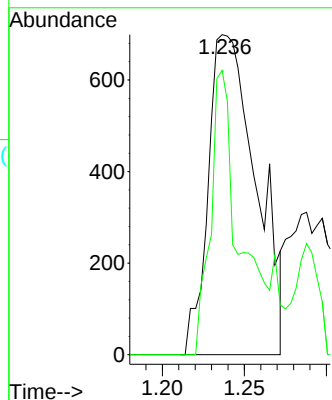
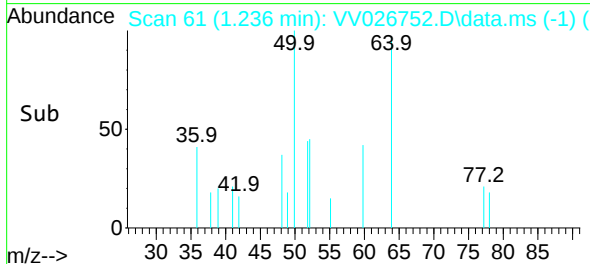


#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

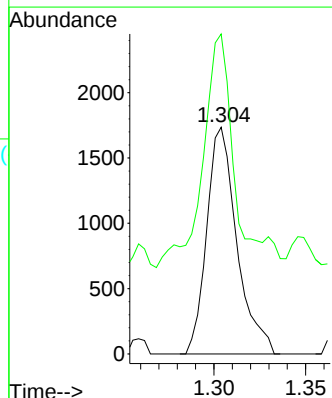
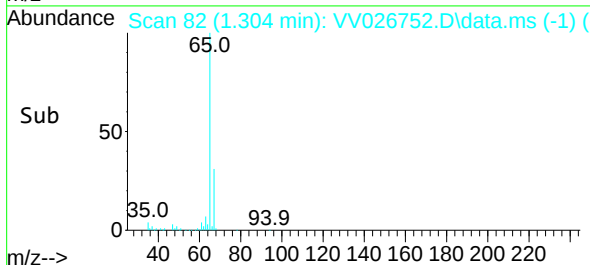
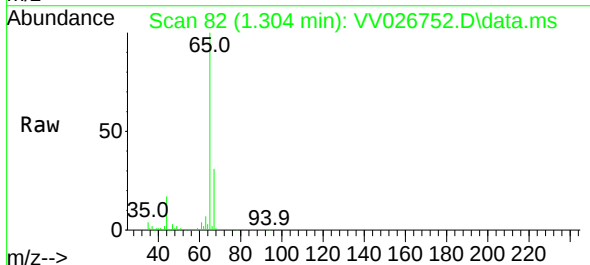


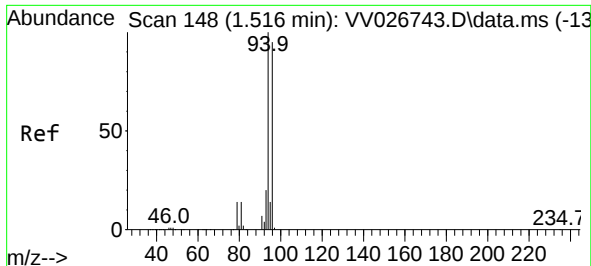
Tgt Ion: 50 Resp: 1423
Ion Ratio Lower Upper
50 100
52 88.8 22.8 42.4#



#5
Vinyl chloride
Concen: 0.069 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

Tgt Ion: 62 Resp: 1982
Ion Ratio Lower Upper
62 100
64 141.1 22.9 42.5#

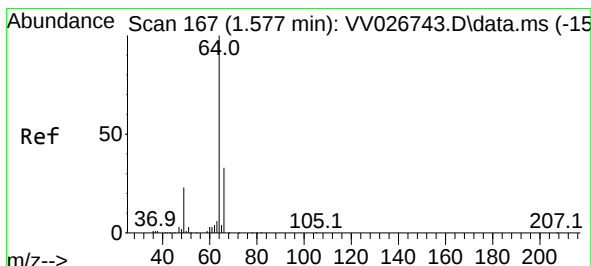
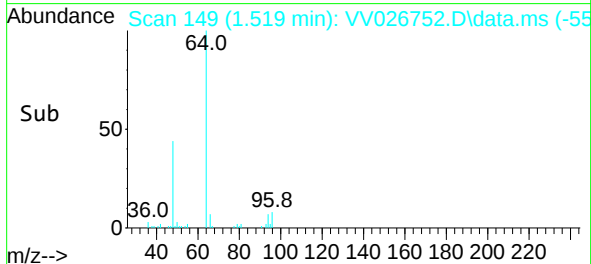
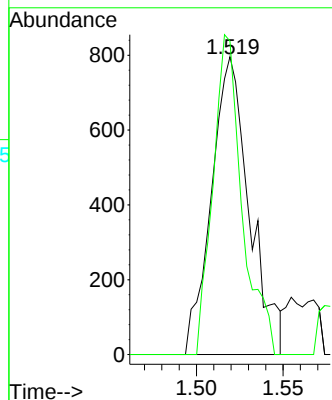
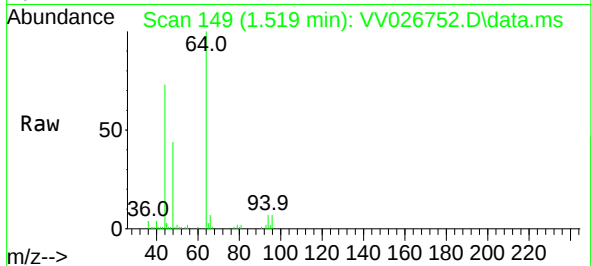




#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

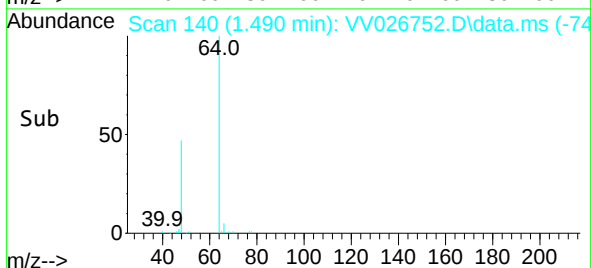
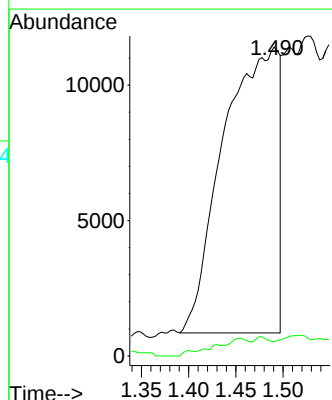
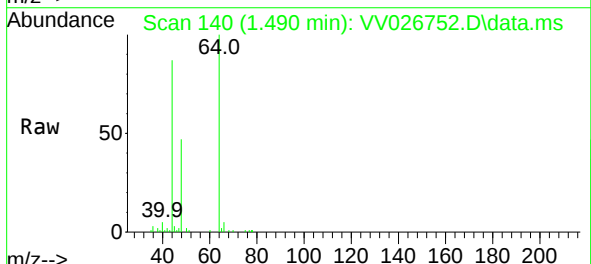
Instrument :
MSVOA_V
ClientSampleId :

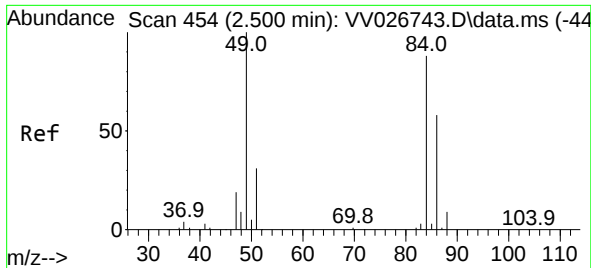
Tgt Ion: 94 Resp: 1222
Ion Ratio Lower Upper
94 100
96 105.3 67.1 124.7



#8
Chloroethane
Concen: 2.556 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.087 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

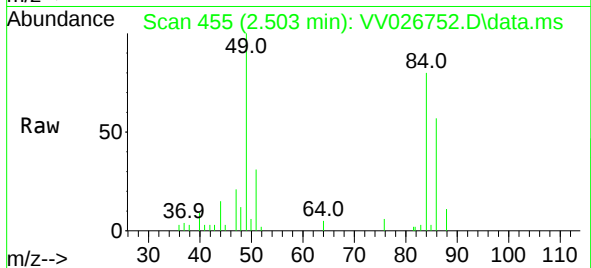
Tgt Ion: 64 Resp: 43166
Ion Ratio Lower Upper
64 100
66 4.6 23.9 44.5#



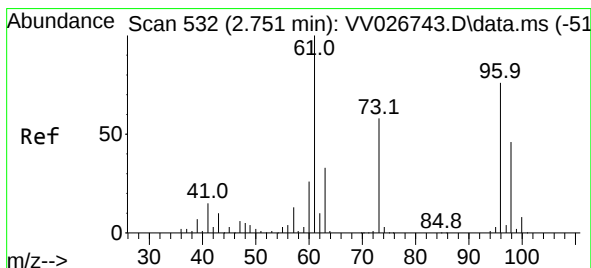
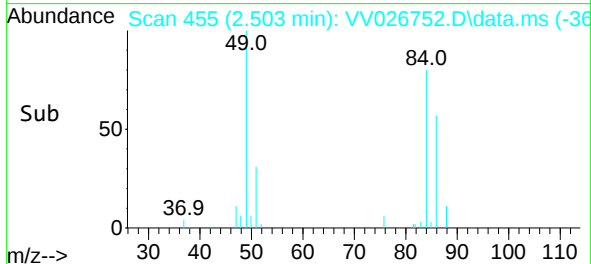
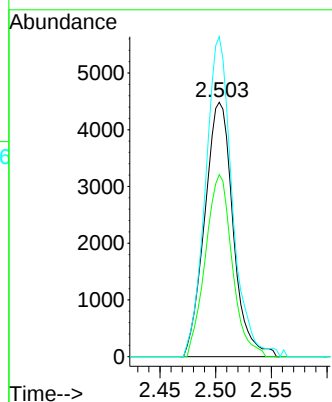


#16
Methylene chloride
Concen: 0.330 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :

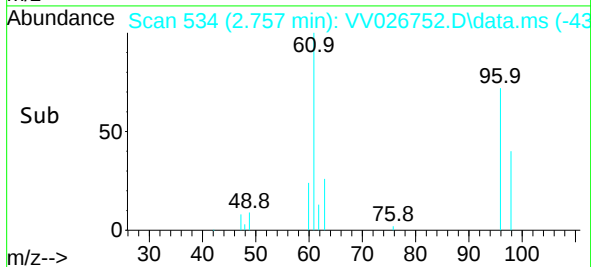
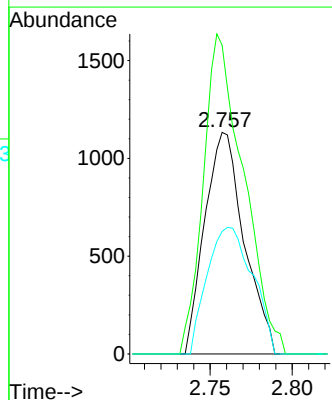
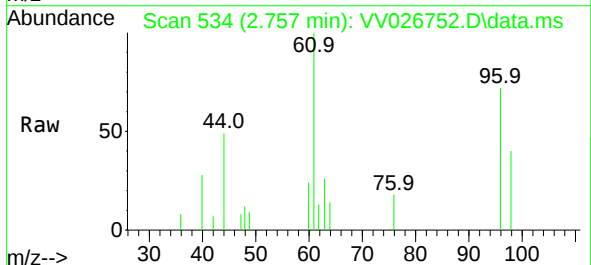


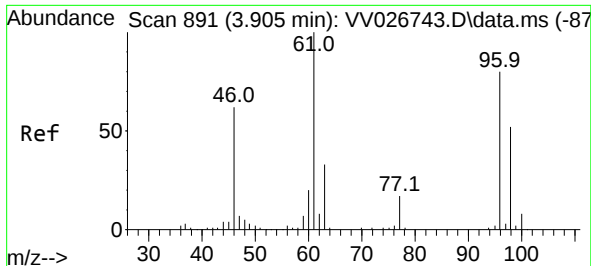
Tgt Ion: 84 Resp: 7945
Ion Ratio Lower Upper
84 100
86 71.6 44.8 83.2
49 125.8 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

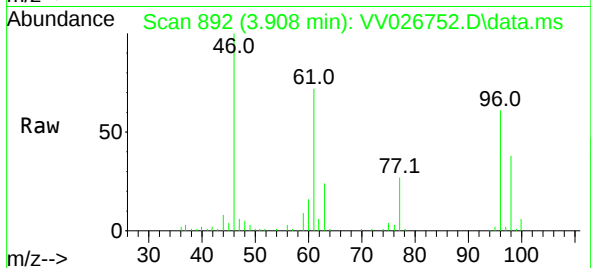
Tgt Ion: 96 Resp: 1888
Ion Ratio Lower Upper
96 100
61 139.4 94.7 175.9
98 55.3 47.4 88.0



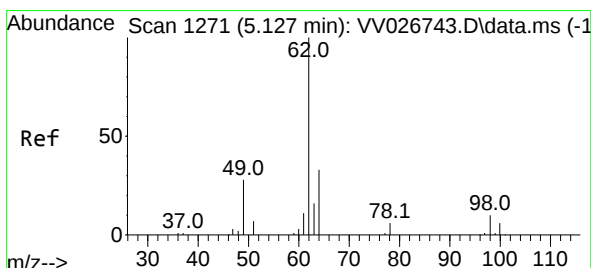
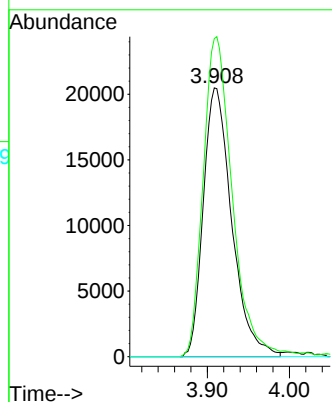
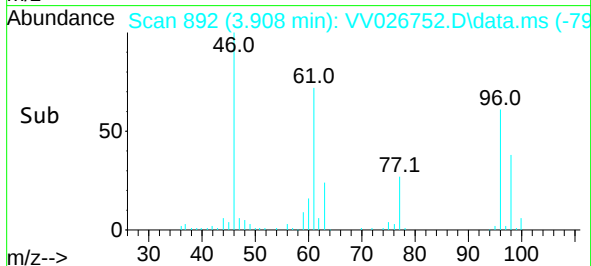


#22
 cis-1,2-Dichloroethene
 Concen: 2.639 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026752.D
 Acq: 13 Jul 2022 14:46

Instrument :
 MSVOA_V
 ClientSampleId :

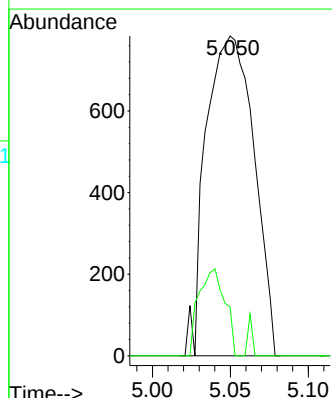
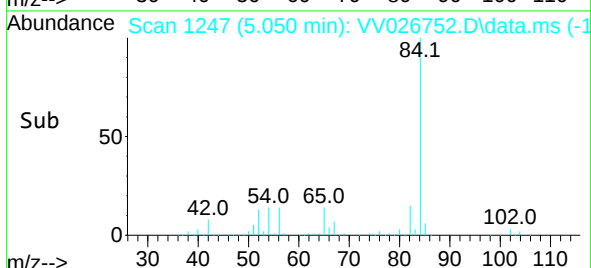
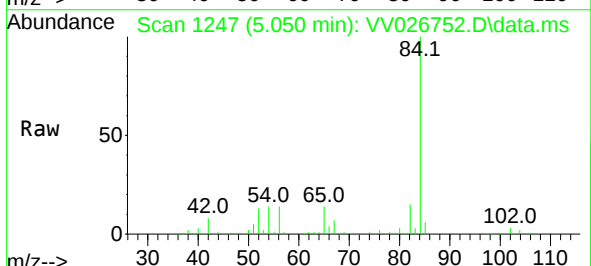


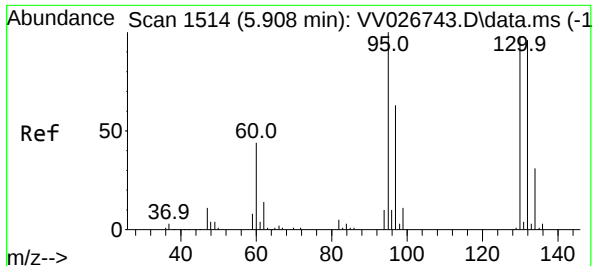
Tgt Ion: 96 Resp: 49491
 Ion Ratio Lower Upper
 96 100
 61 118.3 83.9 155.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.088 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.077 min
 Lab File: VV026752.D
 Acq: 13 Jul 2022 14:46

Tgt Ion: 62 Resp: 1678
 Ion Ratio Lower Upper
 62 100
 98 15.2 8.3 12.5#

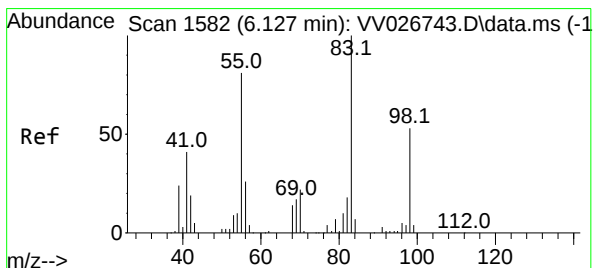
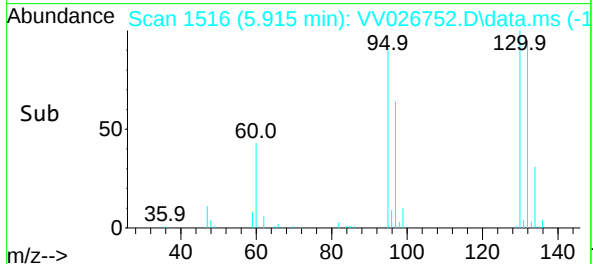
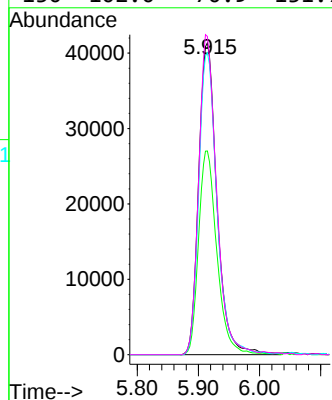
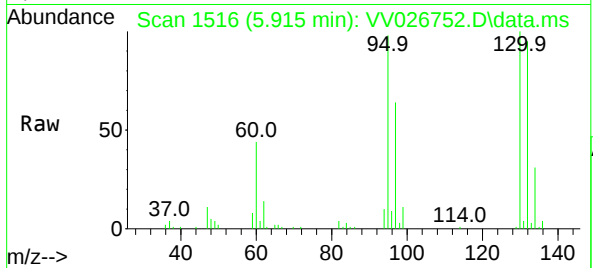




#34
Trichloroethene
Concen: 4.393 ug/L
RT: 5.915 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

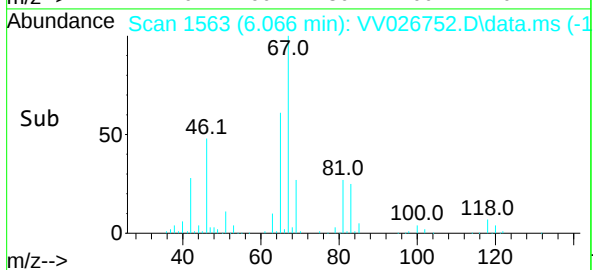
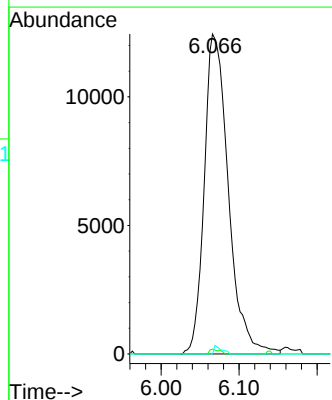
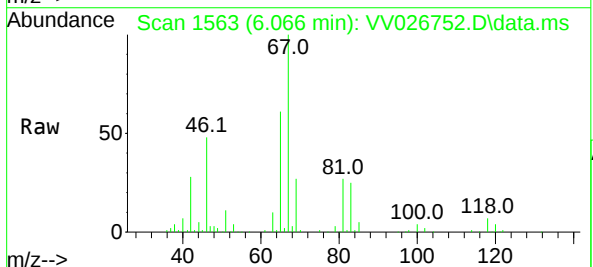
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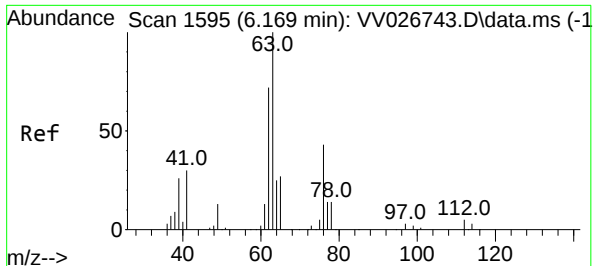
Tgt Ion: 95 Resp: 85923
Ion Ratio Lower Upper
95 100
97 65.3 44.6 82.8
132 96.8 70.2 130.4
130 102.0 70.9 131.7



#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026752.D
Acq: 13 Jul 2022 14:46

Tgt Ion: 83 Resp: 26754
Ion Ratio Lower Upper
83 100
55 0.6 59.5 89.3#
98 0.8 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026752.D

Acq: 13 Jul 2022 14:46

Instrument :

MSVOA_V

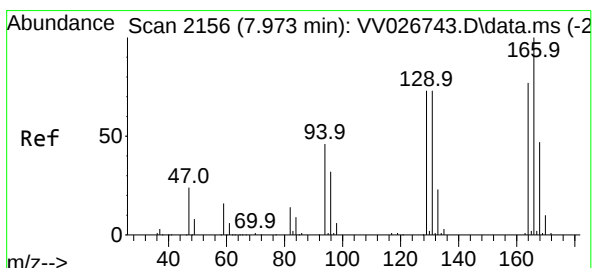
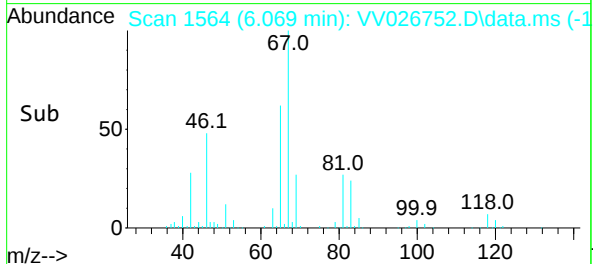
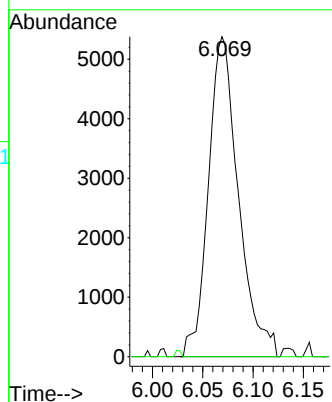
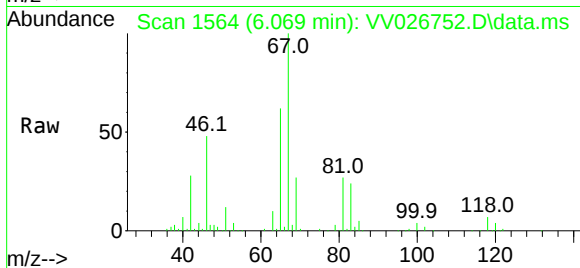
ClientSampleId :

Tgt Ion: 63 Resp: 11170

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#47

Tetrachloroethene

Concen: 6.082 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV026752.D

Acq: 13 Jul 2022 14:46

Tgt Ion:164 Resp: 93299

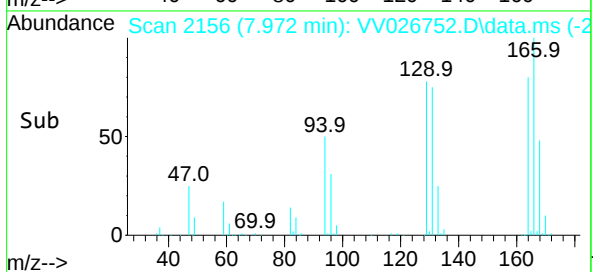
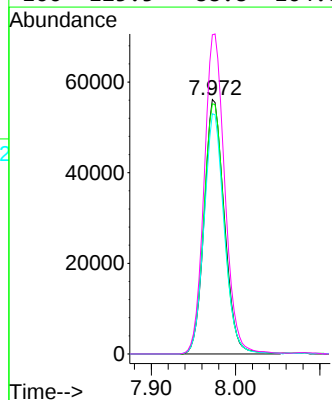
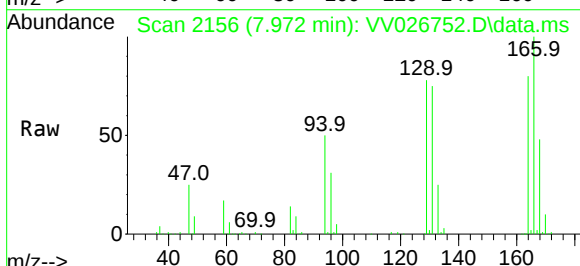
Ion Ratio Lower Upper

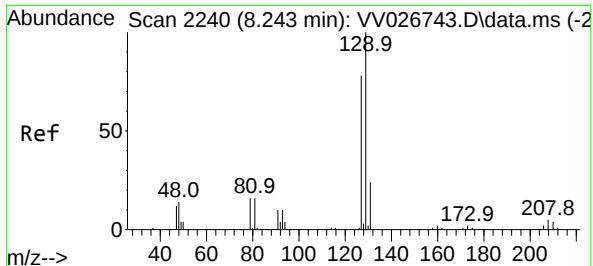
164 100

129 98.4 67.8 125.8

131 94.4 65.9 122.5

166 125.5 88.8 164.8





#49

Dibromochloromethane

Concen: 5.704 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV026752.D

Acq: 13 Jul 2022 14:46

Instrument :

MSVOA_V

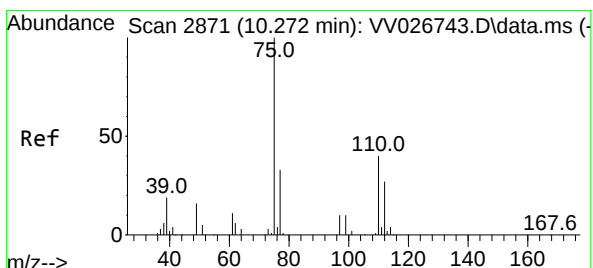
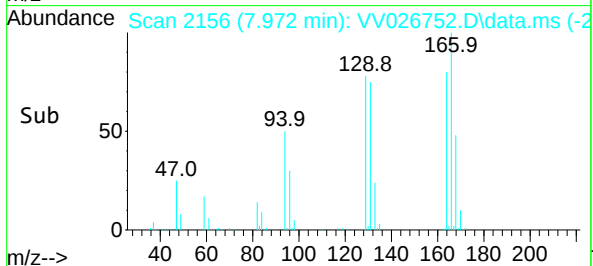
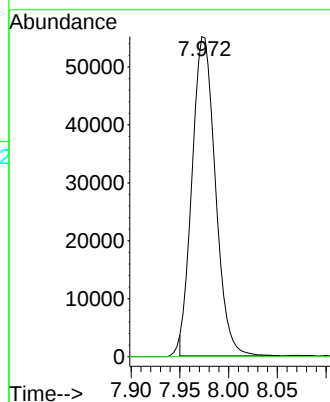
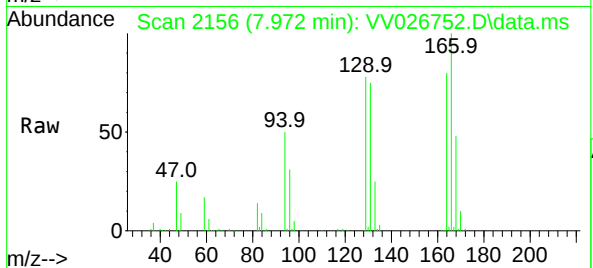
ClientSampleId :

Tgt Ion:129 Resp: 91442

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.349 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026752.D

Acq: 13 Jul 2022 14:46

Tgt Ion: 75 Resp: 11454

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

110 2.8 31.8 47.6#

