

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026242.D
 Acq On : 14 Jun 2022 18:06
 Operator : SY/MD
 Sample : N3272-11DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B55DL

Quant Time: Jun 15 05:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

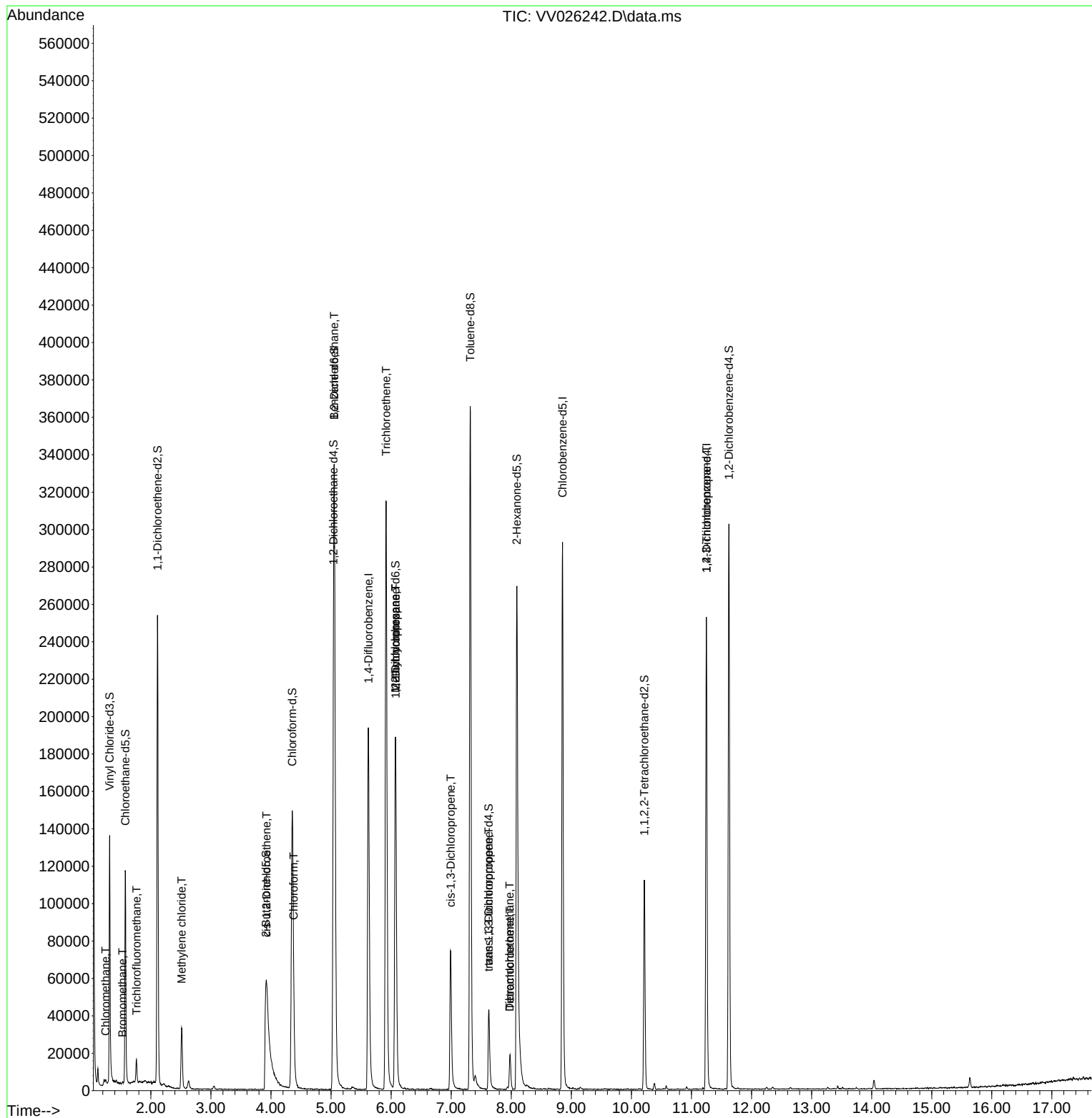
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	176043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	167283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	94693	4.113	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.200%	
7) Chloroethane-d5	1.574	69	79491	4.384	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.111	63	131430	3.551	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	3.918	46	131055	76.305	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	152.600%#	
24) Chloroform-d	4.355	84	159916	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.040	65	71263	5.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.053	84	316051	4.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.072	67	98202	5.222	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.317	98	253711	4.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.625	79	27396	4.827	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.091	63	99339	56.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	56389	5.033	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	79513	5.160	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	1047	0.060	ug/L #	72
6) Bromomethane	1.529	94	837	0.078	ug/L	87
9) Trichlorofluoromethane	1.760	101	7027	0.284	ug/L	96
16) Methylene chloride	2.513	84	14618	1.054	ug/L	93
22) cis-1,2-Dichloroethene	3.924	96	1483	0.114	ug/L	93
25) Chloroform	4.378	83	3430	0.133	ug/L	76
27) 1,2-Dichloroethane	5.053	62	1725	0.143	ug/L #	87
34) Trichloroethene	5.915	95	111530	8.162	ug/L	98
35) Methylcyclohexane	6.072	83	23697	1.283	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	10081	0.769	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	2051	0.140	ug/L #	73
44) trans-1,3-Dichloropropene	7.622	75	1195	0.104	ug/L	87
47) Tetrachloroethene	7.979	164	4425	0.451	ug/L	95
49) Dibromochloromethane	7.976	129	4251	0.472	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7730	1.466	ug/L #	65

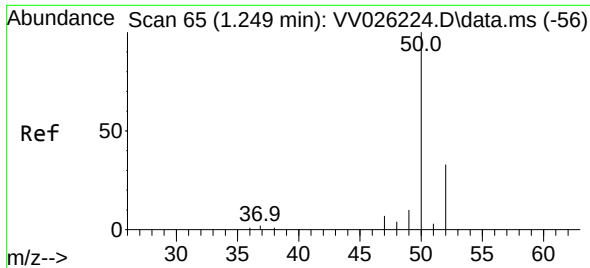
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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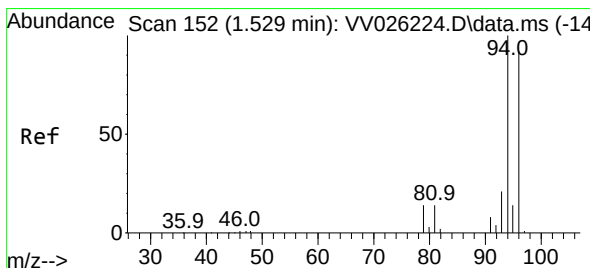
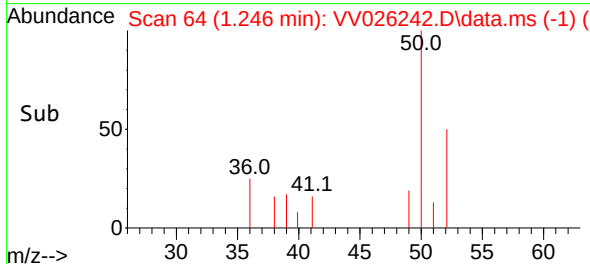
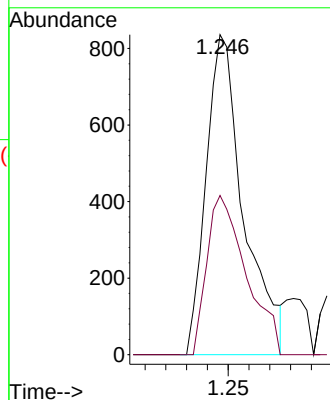
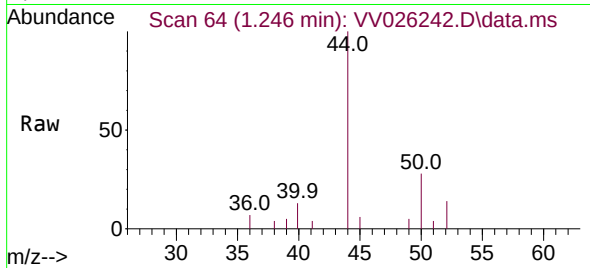




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV026242.D
Acq: 14 Jun 2022 18:06

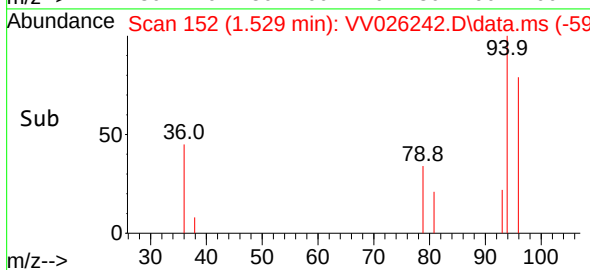
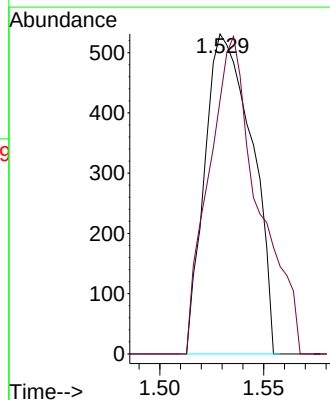
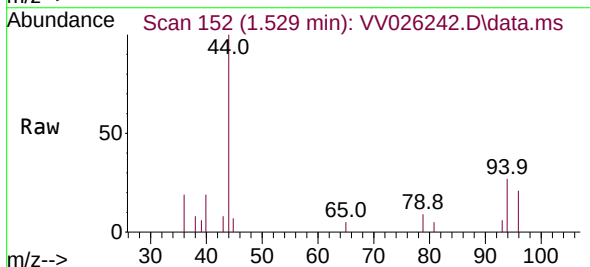
Instrument :
MSVOA_V
ClientSampleId :
C0B55DL

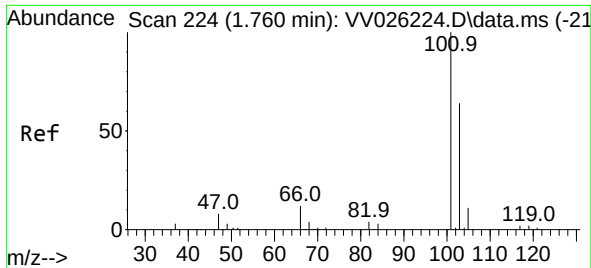
Tgt Ion: 50 Resp: 1047
Ion Ratio Lower Upper
50 100
52 49.8 23.6 43.8#



#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.000 min
Lab File: VV026242.D
Acq: 14 Jun 2022 18:06

Tgt Ion: 94 Resp: 837
Ion Ratio Lower Upper
94 100
96 79.3 64.5 119.7

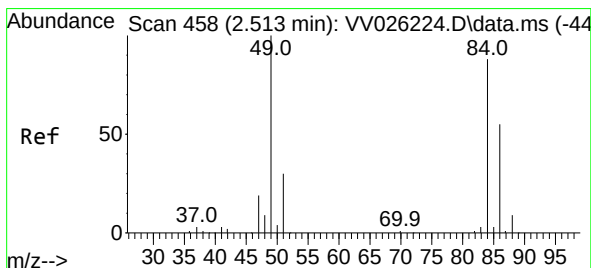
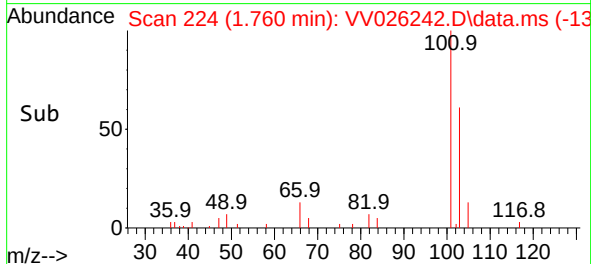
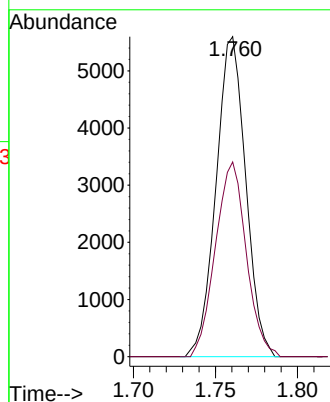
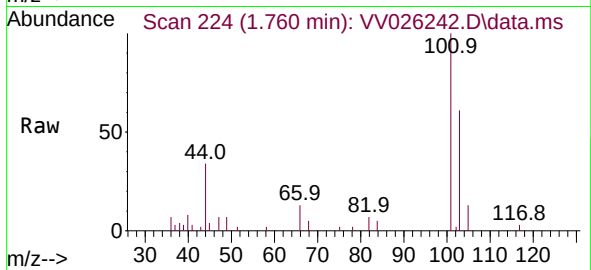




#9
 Trichlorofluoromethane
 Concen: 0.284 ug/L
 RT: 1.760 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026242.D
 Acq: 14 Jun 2022 18:06

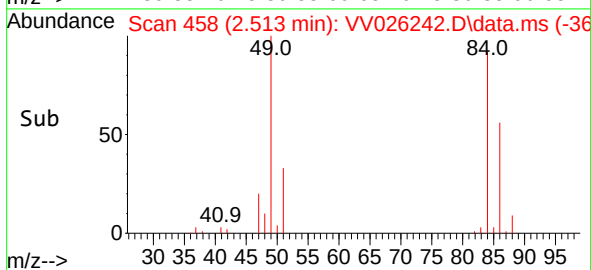
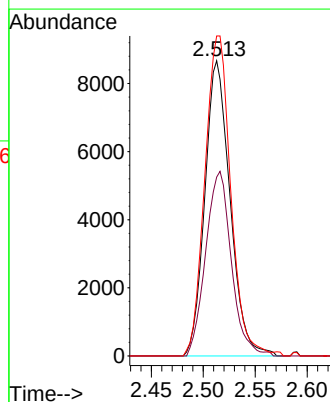
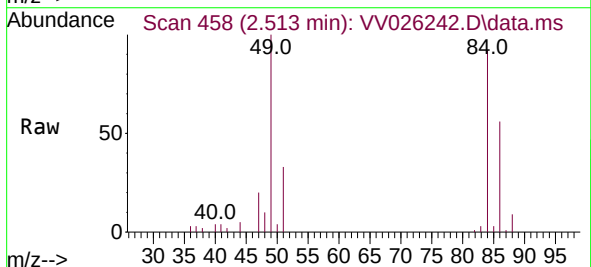
Instrument :
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 ClientSampleId :
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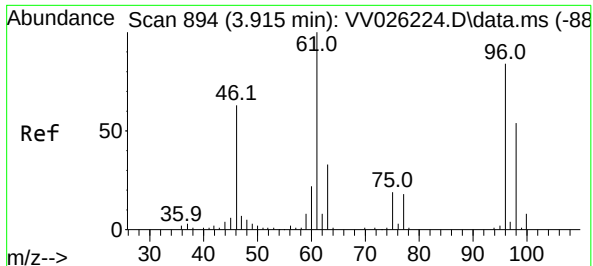
Tgt Ion:101 Resp: 7027
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.9 79.3



#16
 Methylene chloride
 Concen: 1.054 ug/L
 RT: 2.513 min Scan# 458
 Delta R.T. 0.000 min
 Lab File: VV026242.D
 Acq: 14 Jun 2022 18:06

Tgt Ion: 84 Resp: 14618
 Ion Ratio Lower Upper
 84 100
 86 60.6 45.1 83.7
 49 108.4 82.3 152.9

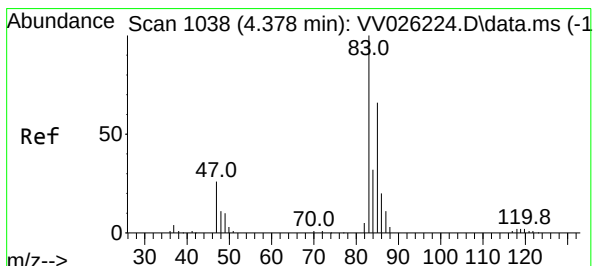
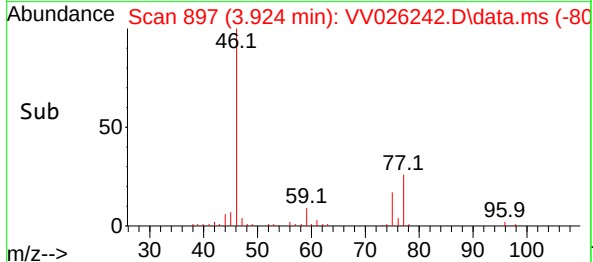
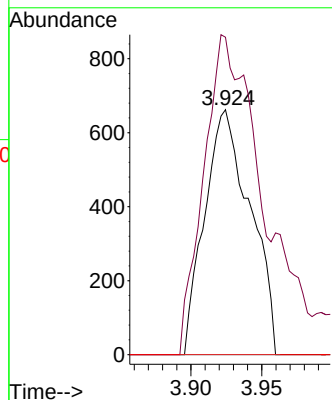
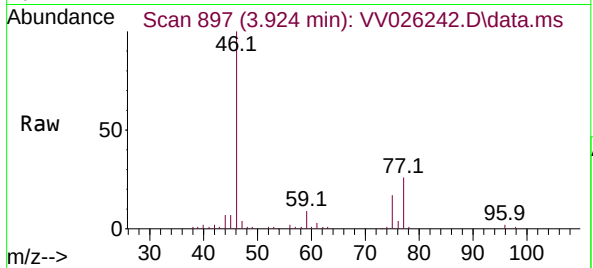




#22
 cis-1,2-Dichloroethene
 Concen: 0.114 ug/L
 RT: 3.924 min Scan# 894
 Delta R.T. 0.010 min
 Lab File: VV026242.D
 Acq: 14 Jun 2022 18:06

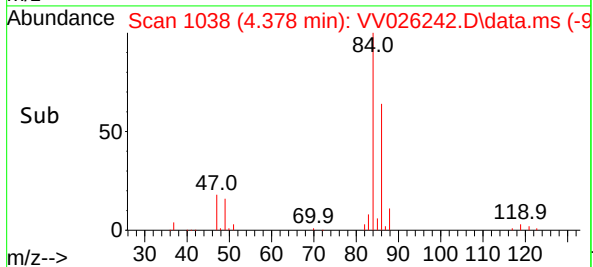
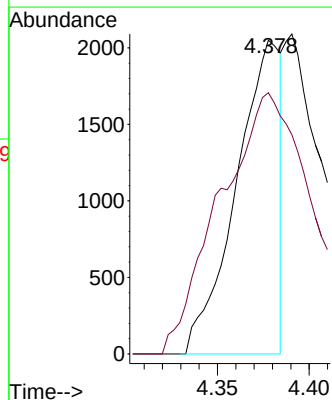
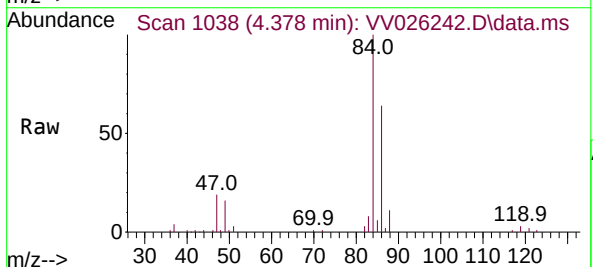
Instrument :
 MSVOA_V
 ClientSampleId :
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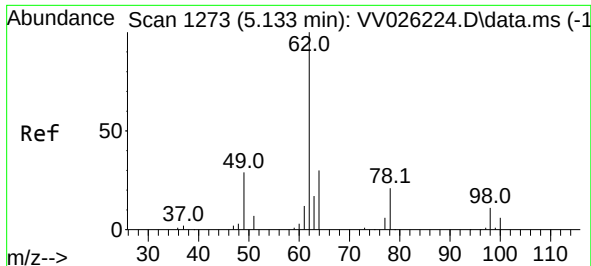
Tgt Ion: 96 Resp: 1483
 Ion Ratio Lower Upper
 96 100
 61 129.6 85.2 158.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.133 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VV026242.D
 Acq: 14 Jun 2022 18:06

Tgt Ion: 83 Resp: 3430
 Ion Ratio Lower Upper
 83 100
 85 83.3 45.3 84.1

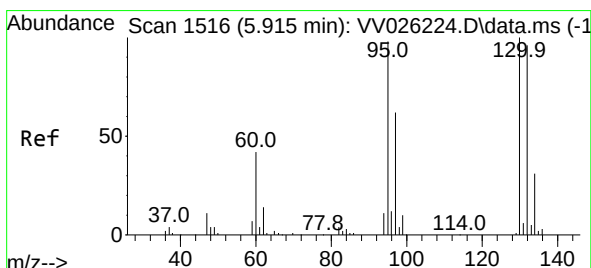
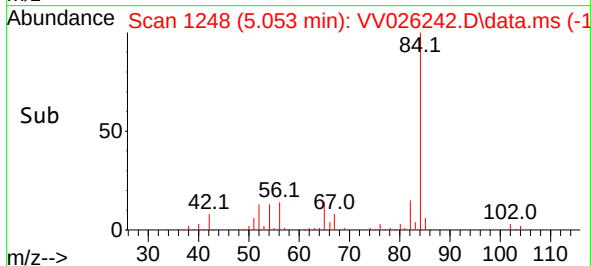
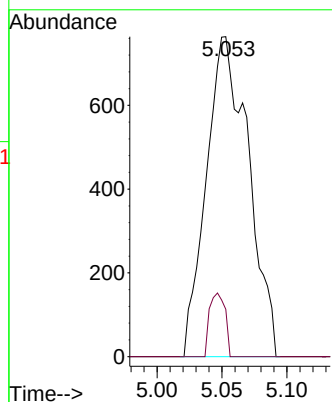
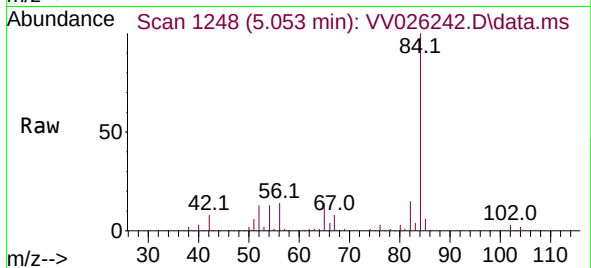




#27
1,2-Dichloroethane
Concen: 0.143 ug/L
RT: 5.053 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV026242.D
Acq: 14 Jun 2022 18:06

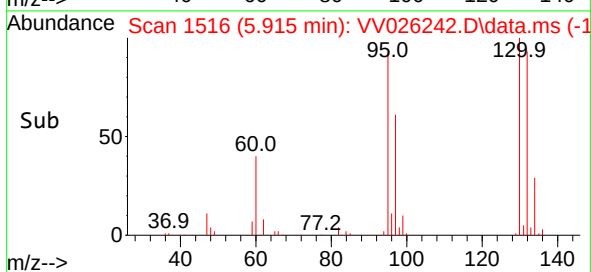
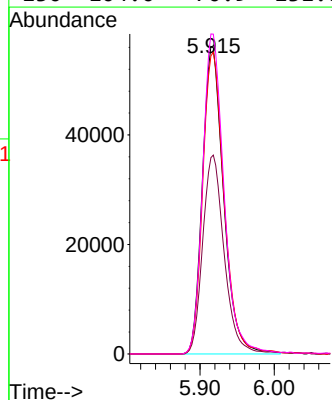
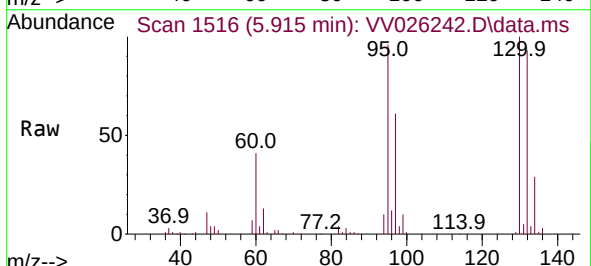
Instrument :
MSVOA_V
ClientSampleId :
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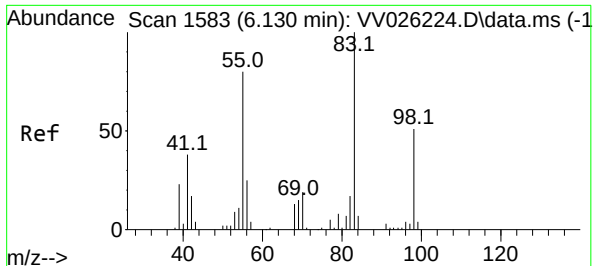
Tgt Ion: 62 Resp: 1725
Ion Ratio Lower Upper
62 100
98 14.8 7.9 11.9#



#34
Trichloroethene
Concen: 8.162 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV026242.D
Acq: 14 Jun 2022 18:06

Tgt Ion: 95 Resp: 111530
Ion Ratio Lower Upper
95 100
97 63.8 43.3 80.3
132 96.9 67.5 125.4
130 104.0 70.9 131.7





#35

Methylcyclohexane

Concen: 1.283 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026242.D

Acq: 14 Jun 2022 18:06

Instrument :

MSVOA_V

ClientSampleId :

C0B55DL

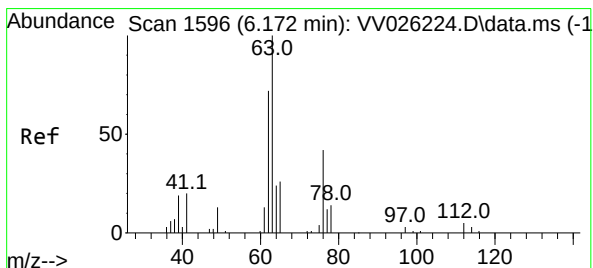
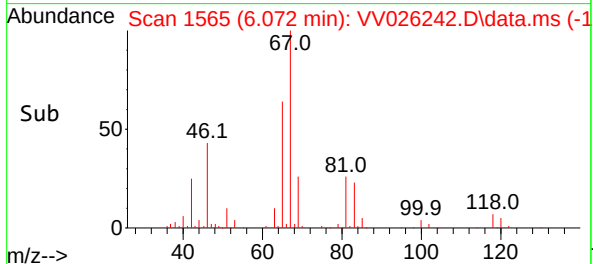
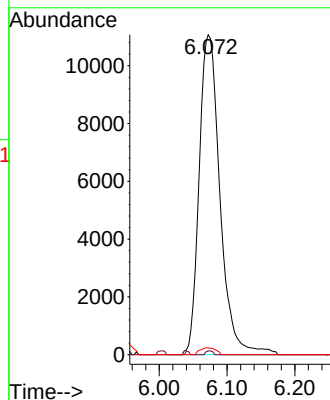
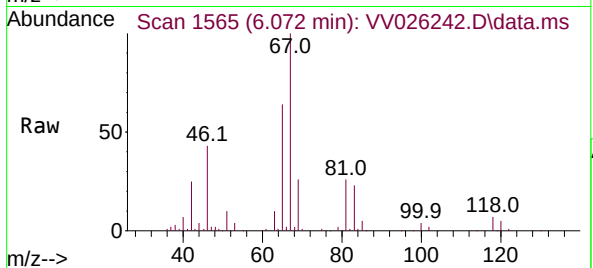
Tgt Ion: 83 Resp: 23697

Ion Ratio Lower Upper

83 100

55 0.4 59.5 89.3#

98 1.6 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.769 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.096 min

Lab File: VV026242.D

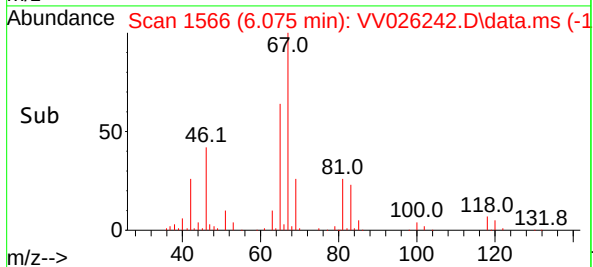
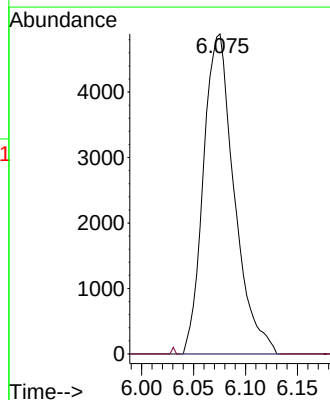
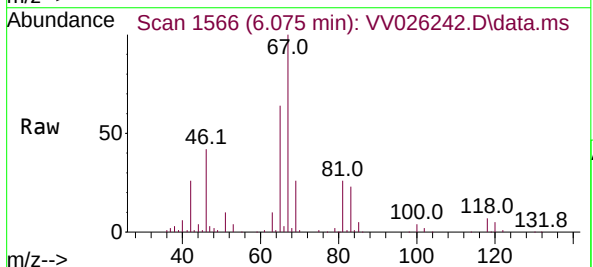
Acq: 14 Jun 2022 18:06

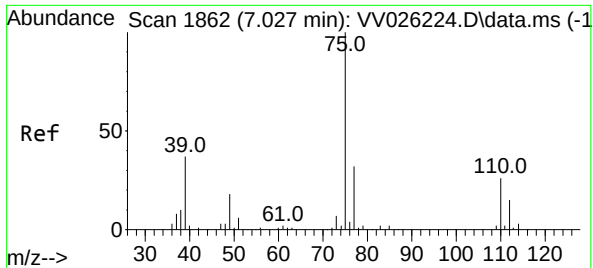
Tgt Ion: 63 Resp: 10081

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.140 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026242.D

Acq: 14 Jun 2022 18:06

Instrument :

MSVOA_V

ClientSampleId :

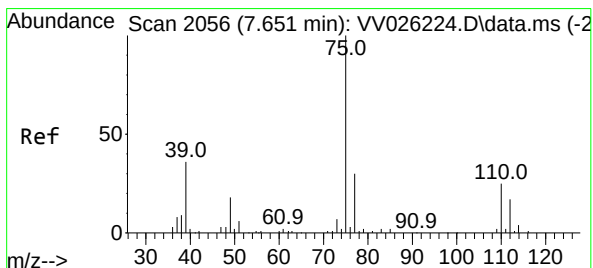
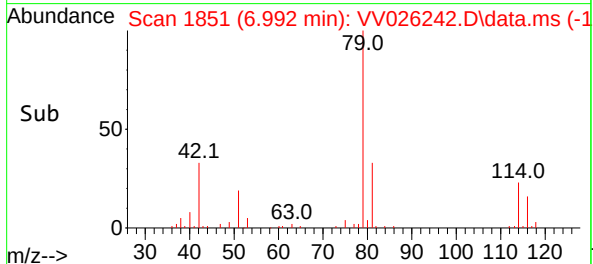
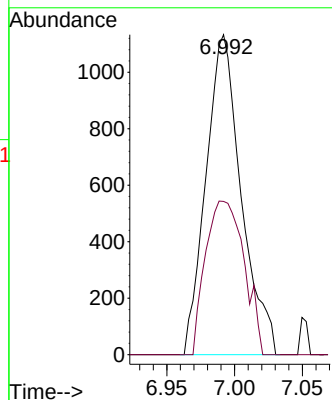
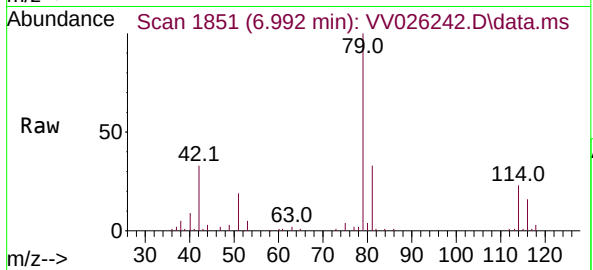
C0B55DL

Tgt Ion: 75 Resp: 2051

Ion Ratio Lower Upper

75 100

77 47.9 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV026242.D

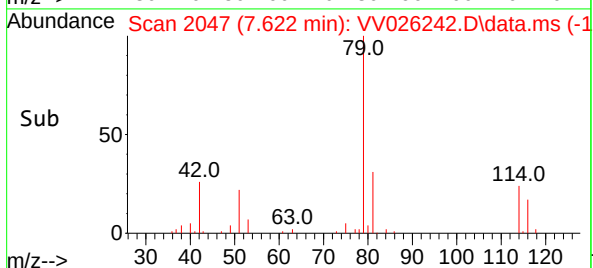
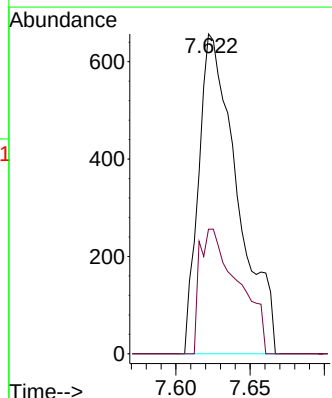
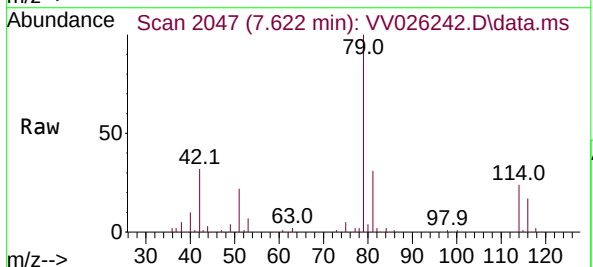
Acq: 14 Jun 2022 18:06

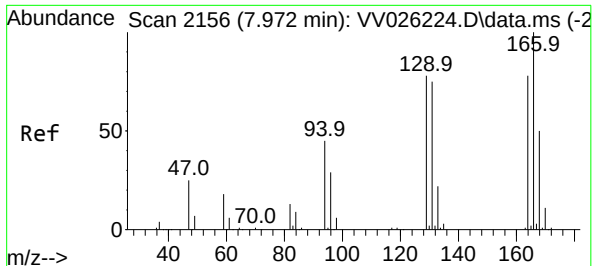
Tgt Ion: 75 Resp: 1195

Ion Ratio Lower Upper

75 100

77 39.0 22.3 41.3





#47

Tetrachloroethene

Concen: 0.451 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV026242.D

Acq: 14 Jun 2022 18:06

Instrument :

MSVOA_V

ClientSampleId :

C0B55DL

Tgt Ion:164 Resp: 4425

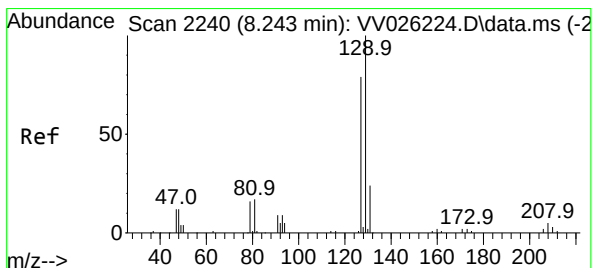
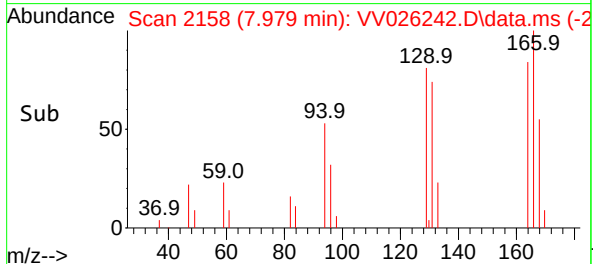
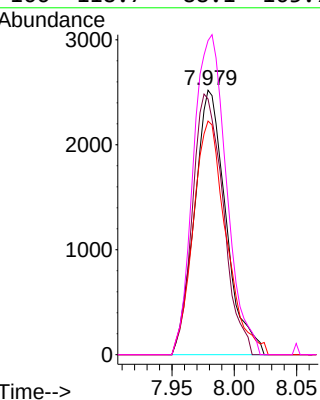
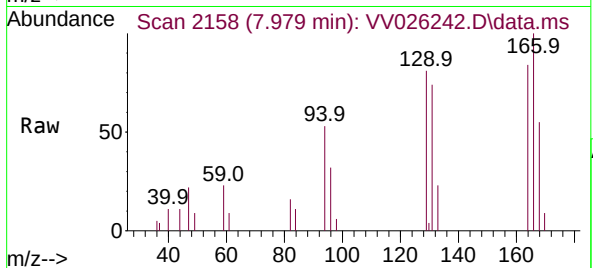
Ion Ratio Lower Upper

164 100

129 96.7 66.1 122.7

131 88.3 65.0 120.6

166 118.7 88.1 163.7



#49

Dibromochloromethane

Concen: 0.472 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026242.D

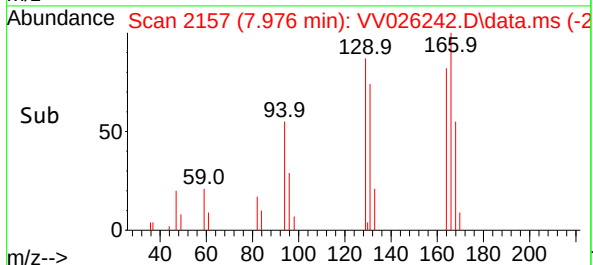
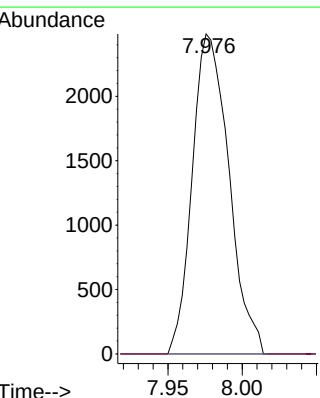
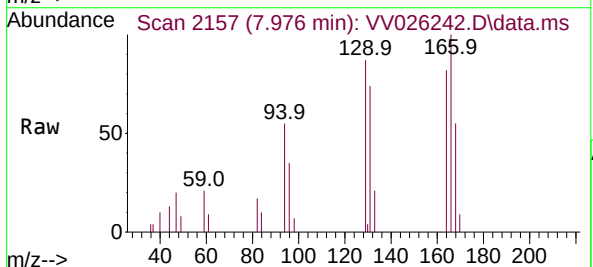
Acq: 14 Jun 2022 18:06

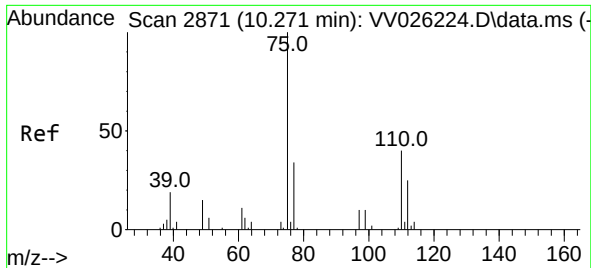
Tgt Ion:129 Resp: 4251

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#





#61

1,2,3-Trichloropropane

Concen: 1.466 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV026242.D

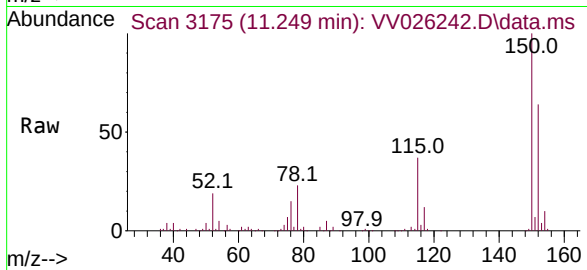
Acq: 14 Jun 2022 18:06

Instrument :

MSVOA_V

ClientSampleId :

C0B55DL



Tgt Ion: 75 Resp: 7730

Ion Ratio Lower Upper

75 100

77 33.9 27.8 41.8

110 1.6 33.0 49.4#

