

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026240.D
 Acq On : 14 Jun 2022 16:30
 Operator : SY/MD
 Sample : N3277-18 1000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC5

Quant Time: Jun 15 05:51:34 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)

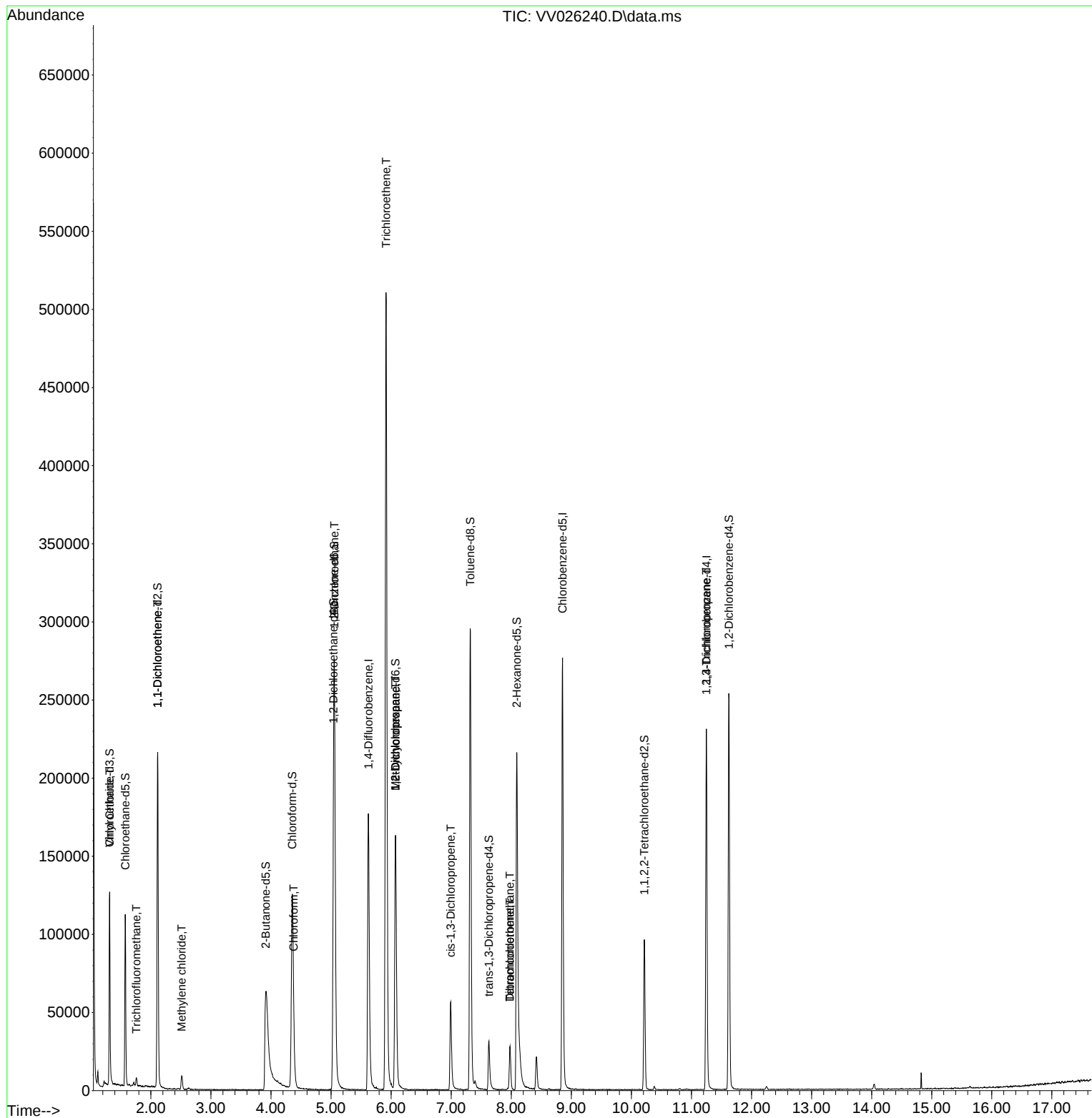
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	161195	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	85856	4.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.574	69	70195	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.114	63	112447	3.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.912	46	98745	62.788	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.580%
24) Chloroform-d	4.355	84	133255	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.040	65	59128	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.053	84	261860	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.072	67	83278	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.320	98	206298	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.628	79	20914	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.091	63	80229	48.592	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48488	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67280	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
8) Chloroethane	1.314	64	878	0.084	ug/L #	1
9) Trichlorofluoromethane	1.757	101	2977	0.131	ug/L	94
12) 1,1-Dichloroethene	2.114	96	1064	0.086	ug/L #	1
16) Methylene chloride	2.513	84	3797	0.299	ug/L	93
25) Chloroform	4.378	83	5984	0.252	ug/L	94
27) 1,2-Dichloroethane	5.056	62	1197	0.109	ug/L #	73
34) Trichloroethene	5.915	95	182137	14.269	ug/L	97
35) Methylcyclohexane	6.072	83	19536	1.132	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8945	0.731	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1411	0.103	ug/L #	61
47) Tetrachloroethene	7.979	164	6013	0.656	ug/L	88
49) Dibromochloromethane	7.979	129	6408	0.762	ug/L #	13
61) 1,2,3-Trichloropropane	11.246	75	7326	1.547	ug/L #	63

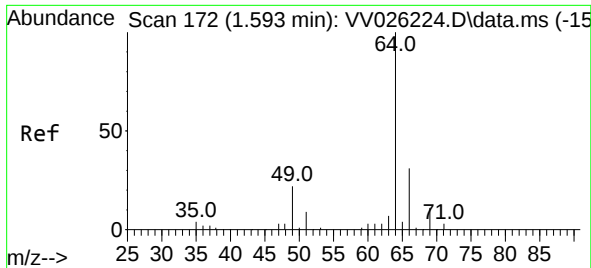
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.314 min Scan# 81

Delta R.T. -0.280 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

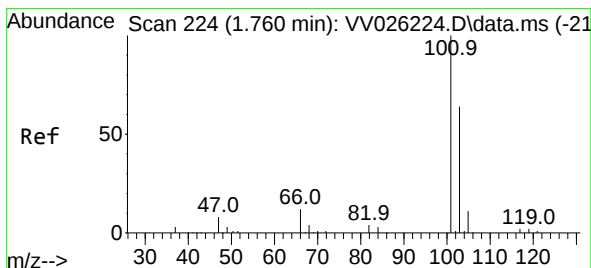
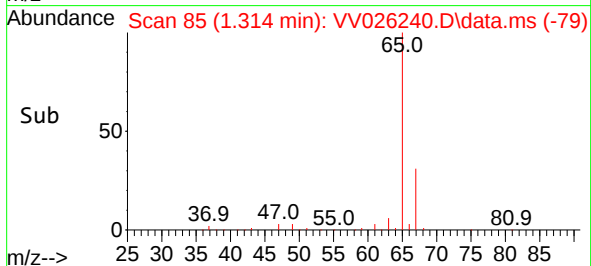
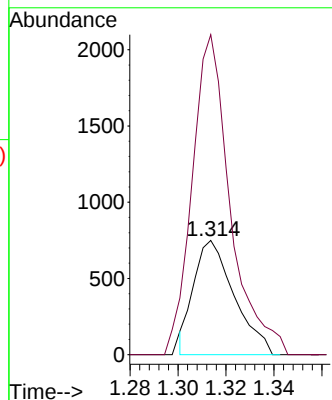
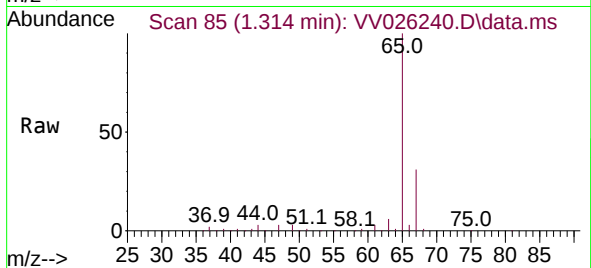
C0BC5

Tgt Ion: 64 Resp: 878

Ion Ratio Lower Upper

64 100

66 280.2 22.4 41.6#



#9

Trichlorofluoromethane

Concen: 0.131 ug/L

RT: 1.757 min Scan# 223

Delta R.T. -0.003 min

Lab File: VV026240.D

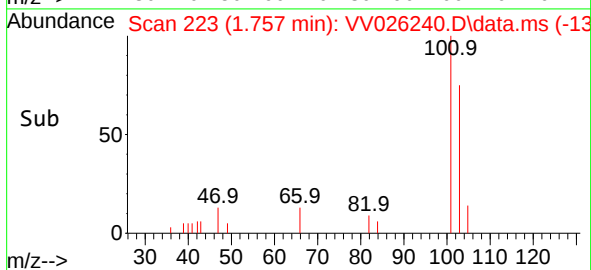
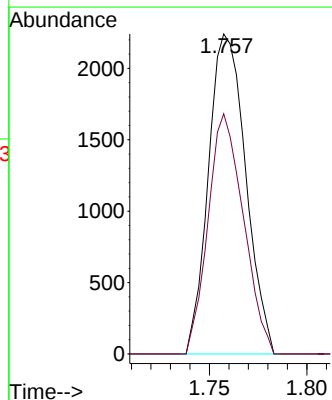
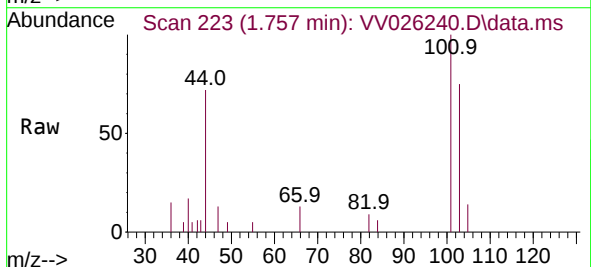
Acq: 14 Jun 2022 16:30

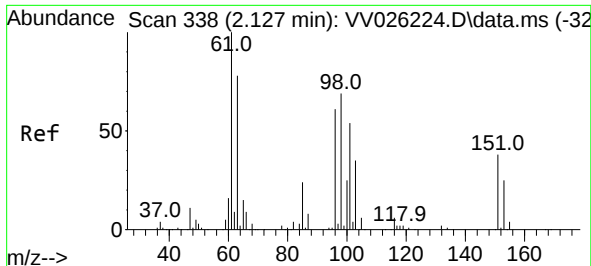
Tgt Ion:101 Resp: 2977

Ion Ratio Lower Upper

101 100

103 71.2 52.9 79.3





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

C0BC5

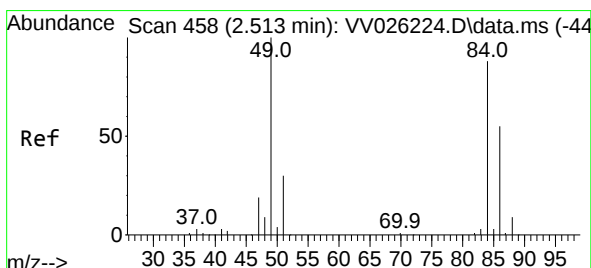
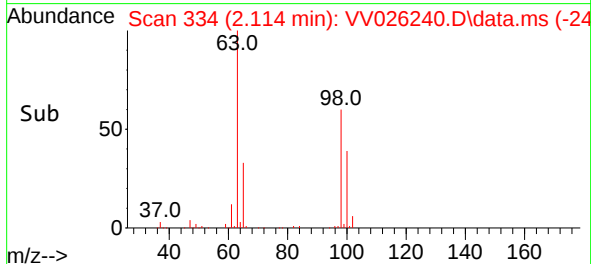
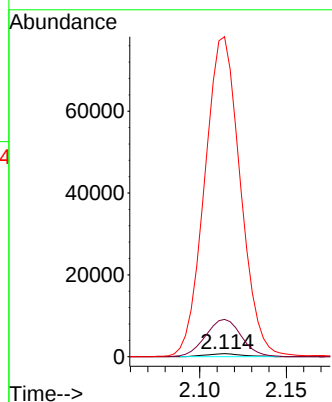
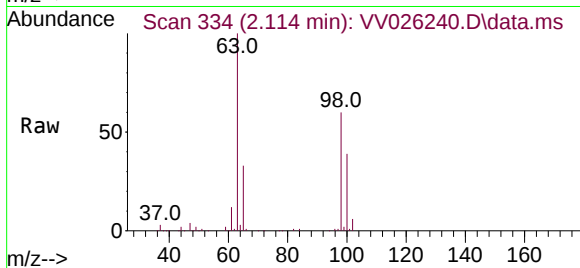
Tgt Ion: 96 Resp: 1064

Ion Ratio Lower Upper

96 100

61 1258.6 120.5 223.7#

63 10789.5 129.3 240.1#



#16

Methylene chloride

Concen: 0.299 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.000 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

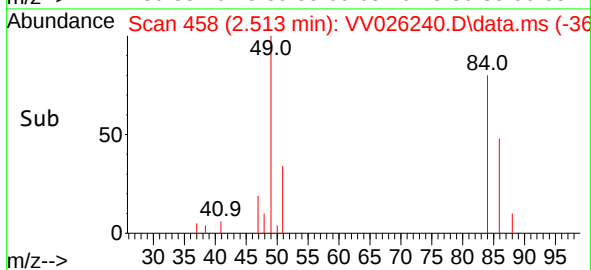
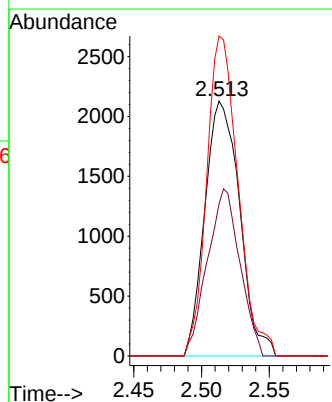
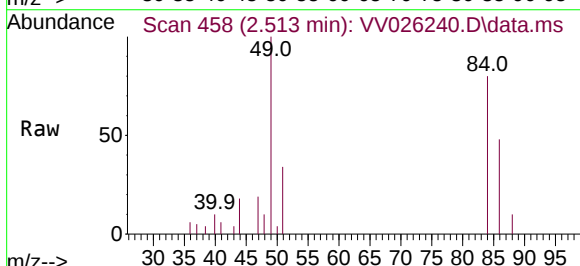
Tgt Ion: 84 Resp: 3797

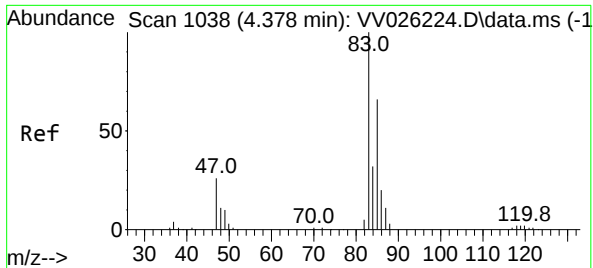
Ion Ratio Lower Upper

84 100

86 59.8 45.1 83.7

49 125.6 82.3 152.9

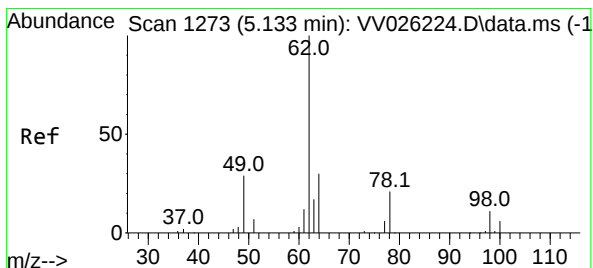
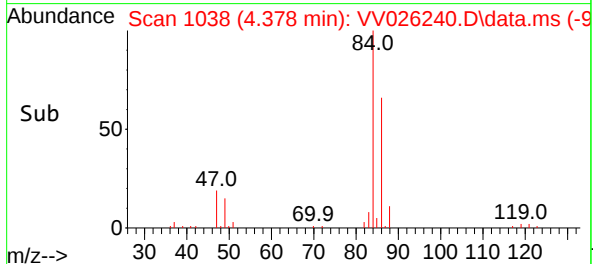
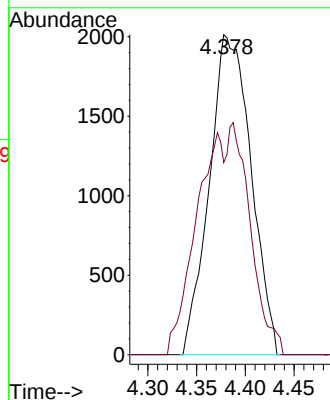
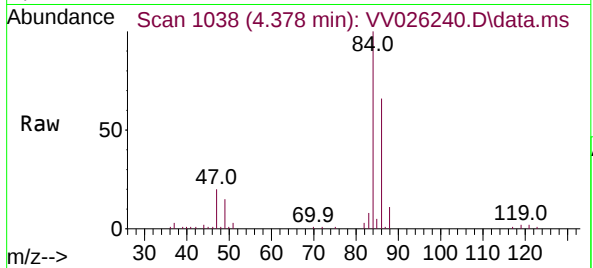




#25
Chloroform
Concen: 0.252 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV026240.D
Acq: 14 Jun 2022 16:30

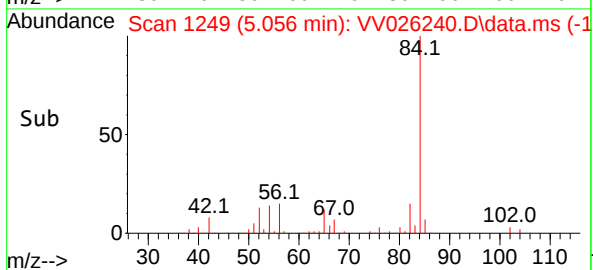
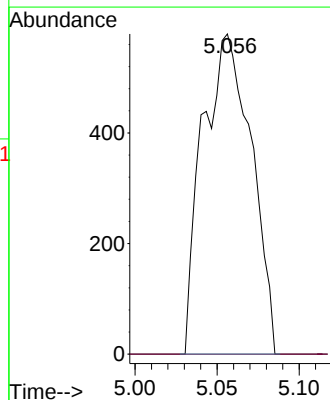
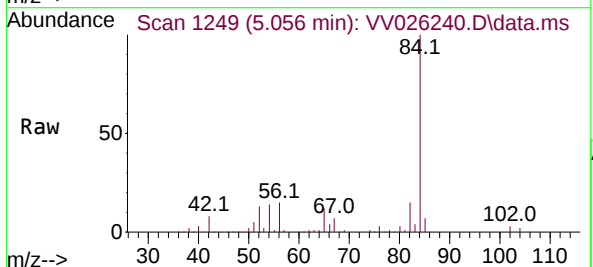
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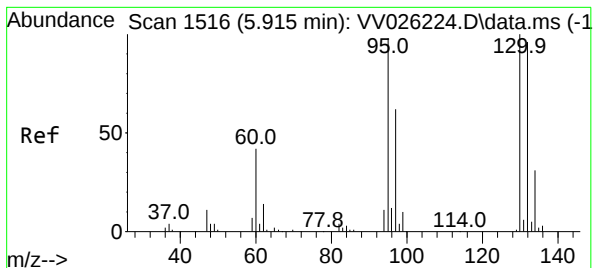
Tgt Ion: 83 Resp: 5984
Ion Ratio Lower Upper
83 100
85 60.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.077 min
Lab File: VV026240.D
Acq: 14 Jun 2022 16:30

Tgt Ion: 62 Resp: 1197
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#34

Trichloroethene

Concen: 14.269 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

C0BC5

Tgt Ion: 95 Resp: 182137

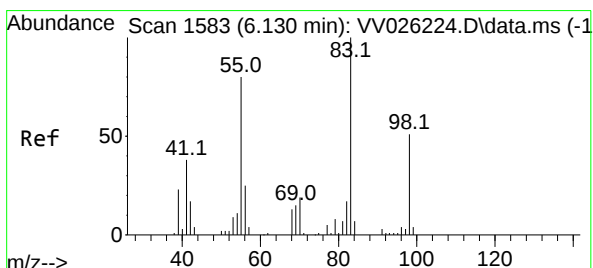
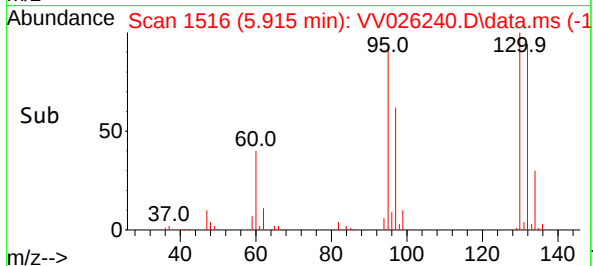
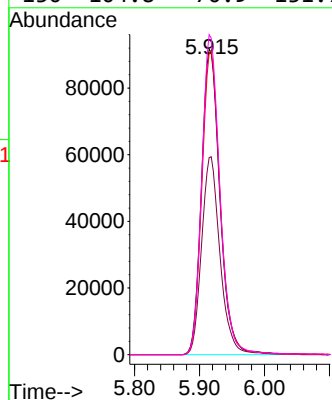
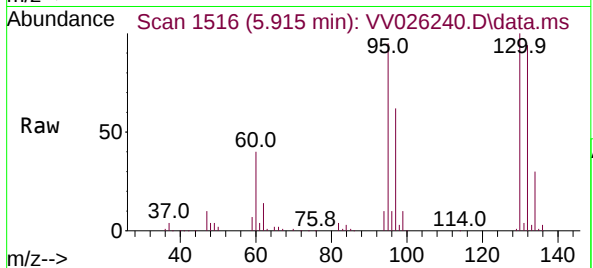
Ion Ratio Lower Upper

95 100

97 64.5 43.3 80.3

132 98.8 67.5 125.4

130 104.8 70.9 131.7



#35

Methylcyclohexane

Concen: 1.132 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

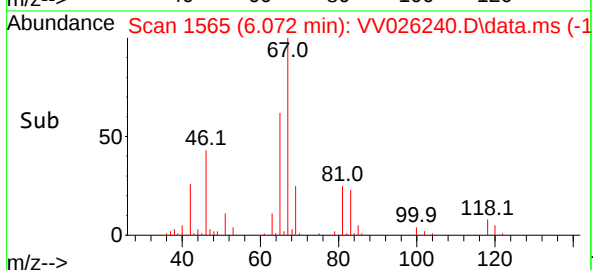
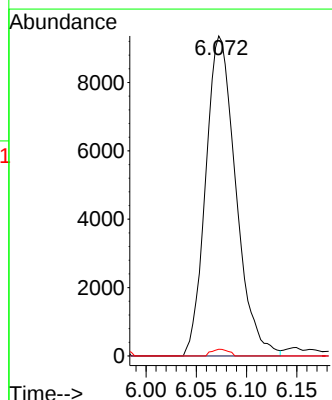
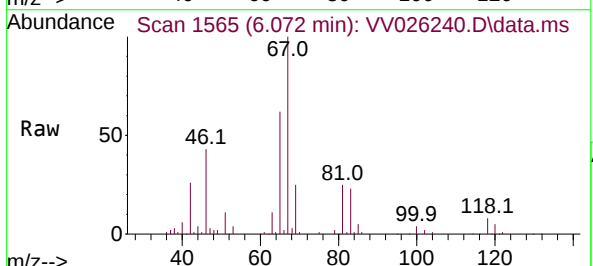
Tgt Ion: 83 Resp: 19536

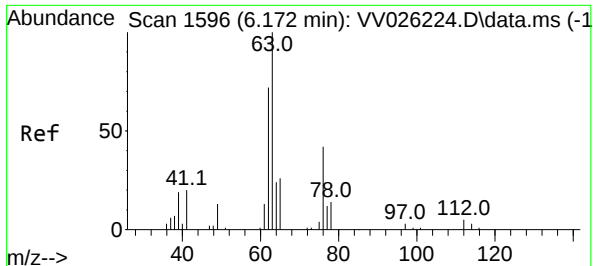
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.731 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

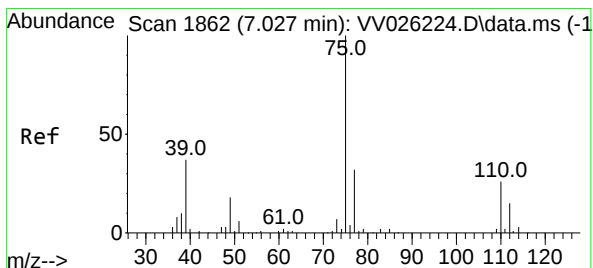
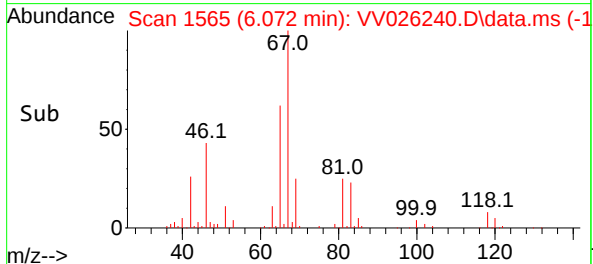
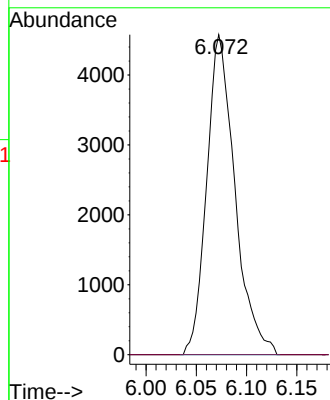
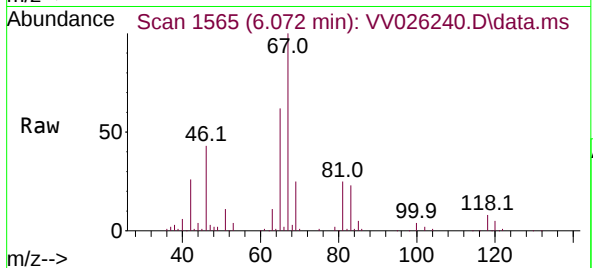
C0BC5

Tgt Ion: 63 Resp: 8945

Ion Ratio Lower Upper

63 100

112 0.8 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026240.D

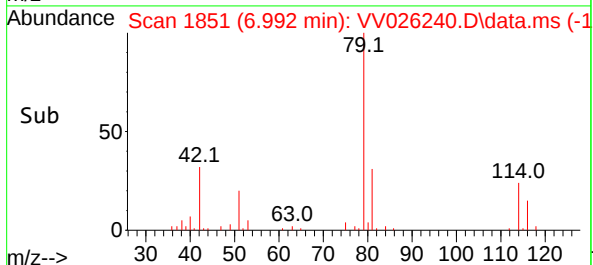
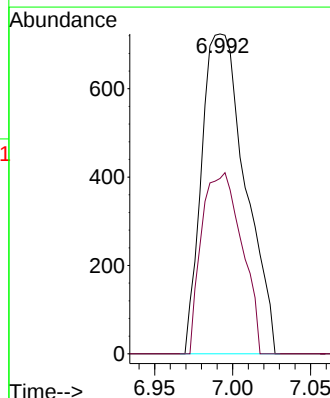
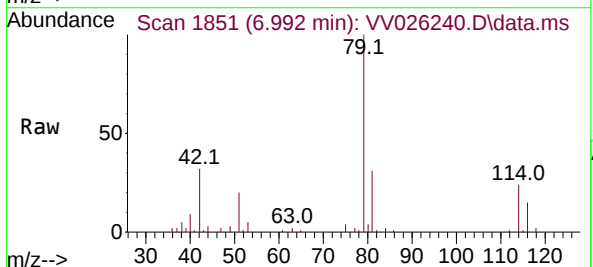
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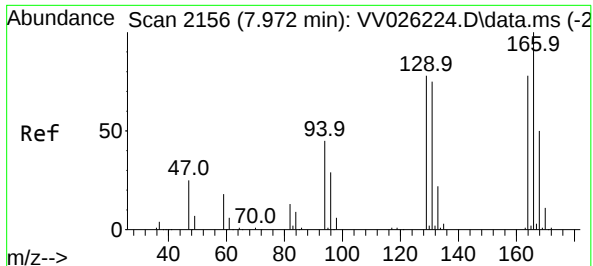
Tgt Ion: 75 Resp: 1411

Ion Ratio Lower Upper

75 100

77 54.8 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.656 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV026240.D

Acq: 14 Jun 2022 16:30

Instrument :

MSVOA_V

ClientSampleId :

C0BC5

Tgt Ion:164 Resp: 6013

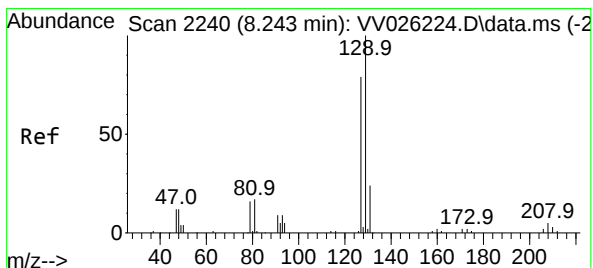
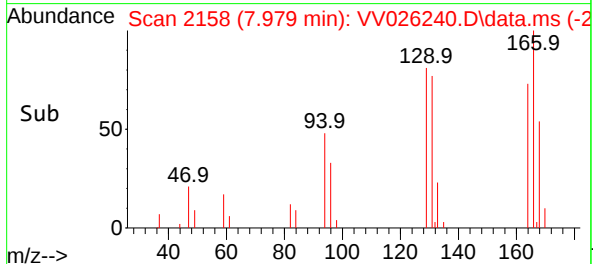
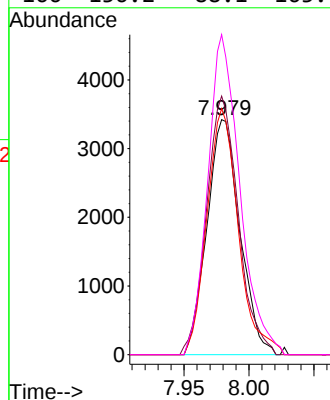
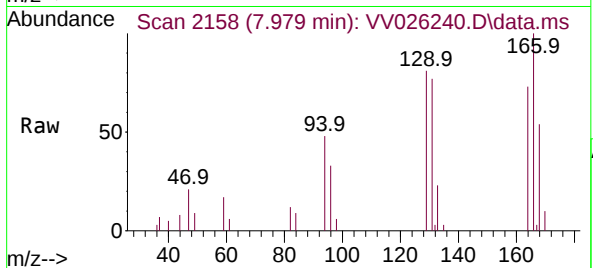
Ion Ratio Lower Upper

164 100

129 110.1 66.1 122.7

131 104.7 65.0 120.6

166 136.2 88.1 163.7



#49

Dibromochloromethane

Concen: 0.762 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV026240.D

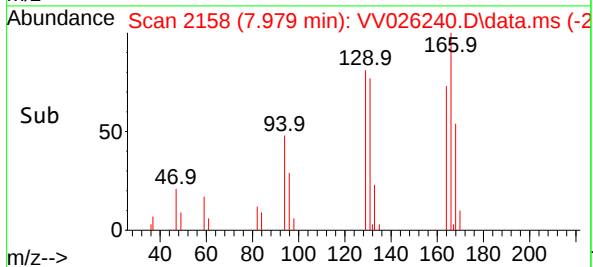
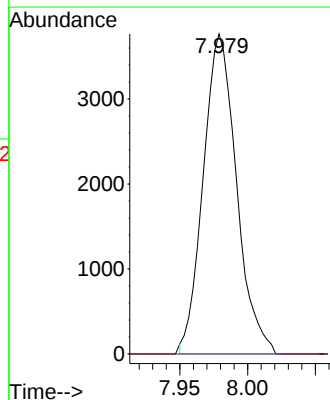
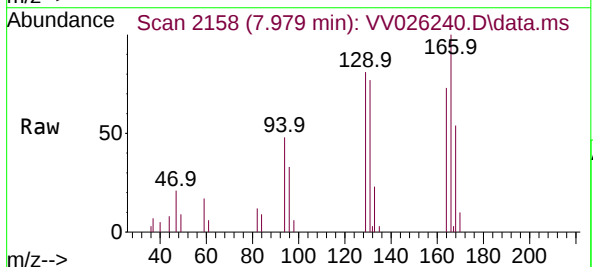
Acq: 14 Jun 2022 16:30

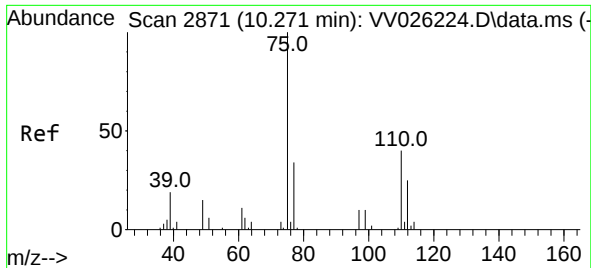
Tgt Ion:129 Resp: 6408

Ion Ratio Lower Upper

129 100

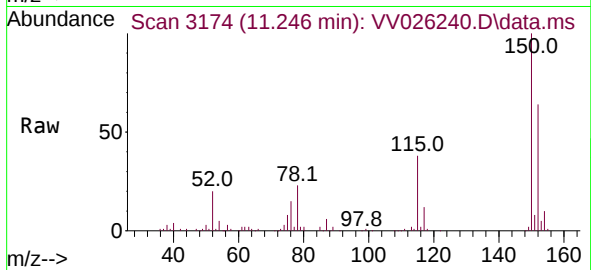
127 0.0 50.9 94.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.547 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026240.D
 Acq: 14 Jun 2022 16:30

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC5



Tgt Ion: 75 Resp: 7326
 Ion Ratio Lower Upper
 75 100
 77 29.3 27.8 41.8
 110 3.0 33.0 49.4#

