

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026238.D
 Acq On : 14 Jun 2022 15:42
 Operator : SY/MD
 Sample : N3277-08DL 5000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA7DL

Quant Time: Jun 15 05:51:02 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)

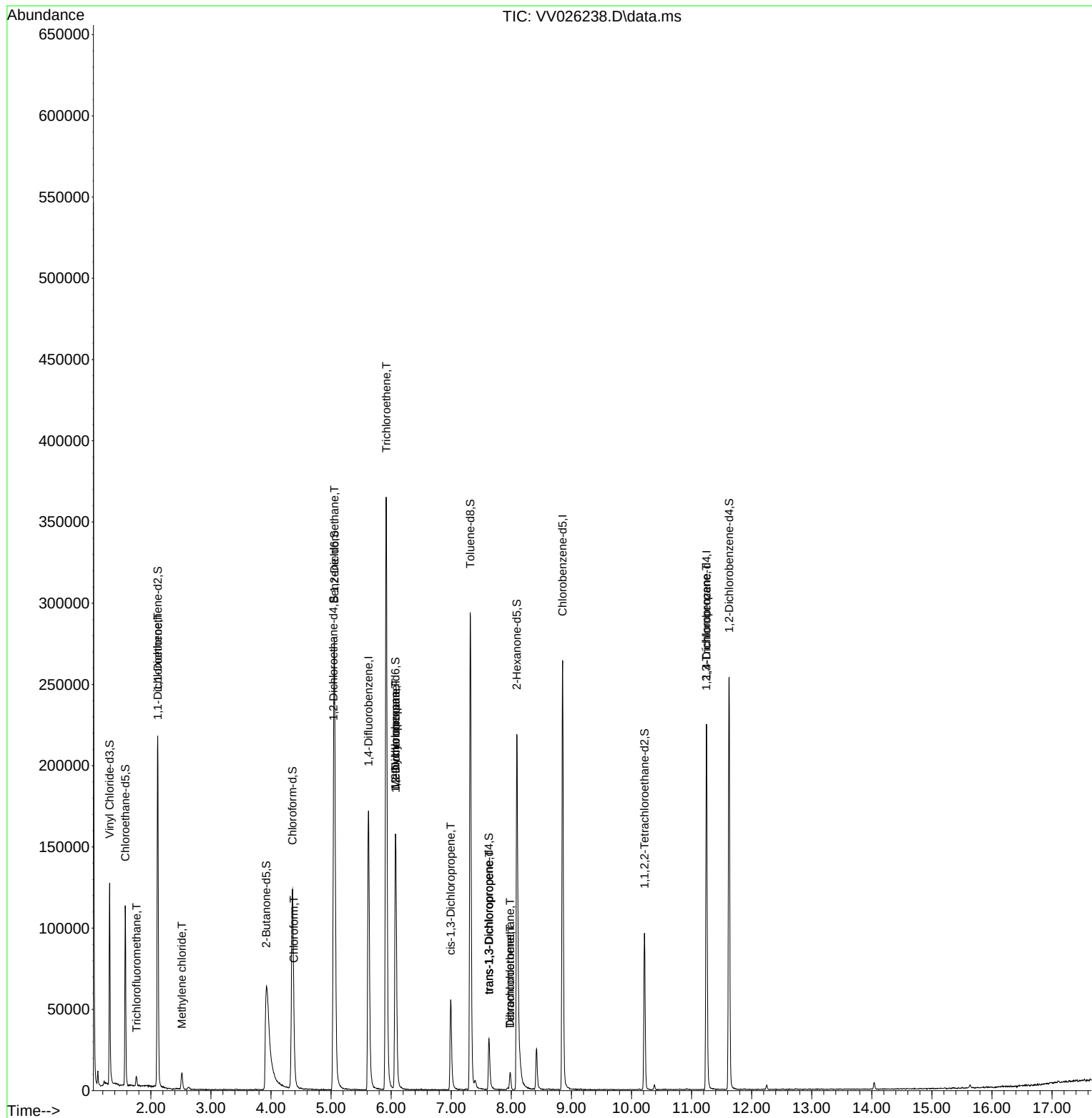
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	154718	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	152481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	85657	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.574	69	72537	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.114	63	113215	3.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.918	46	109313	72.418	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.840%#
24) Chloroform-d	4.358	84	131603	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.040	65	59749	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.056	84	261085	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.072	67	81612	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	204129	3.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.625	79	20405	3.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.091	63	77995	48.414	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48664	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	67047	4.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.761	101	3591	0.165	ug/L	92
12) 1,1-Dichloroethene	2.117	96	1014	0.086	ug/L #	1
16) Methylene chloride	2.516	84	4462	0.366	ug/L	91
25) Chloroform	4.381	83	6029	0.265	ug/L	87
27) 1,2-Dichloroethane	5.053	62	1523	0.144	ug/L #	73
34) Trichloroethene	5.918	95	128877	10.347	ug/L	97
35) Methylcyclohexane	6.072	83	19626	1.166	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	8740	0.732	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1561	0.117	ug/L #	59
44) trans-1,3-Dichloropropene	7.628	75	941	0.090	ug/L	87
47) Tetrachloroethene	7.979	164	2548	0.285	ug/L	96
49) Dibromochloromethane	7.982	129	2360	0.288	ug/L #	13
61) 1,2,3-Trichloropropane	11.246	75	7425	1.602	ug/L #	64

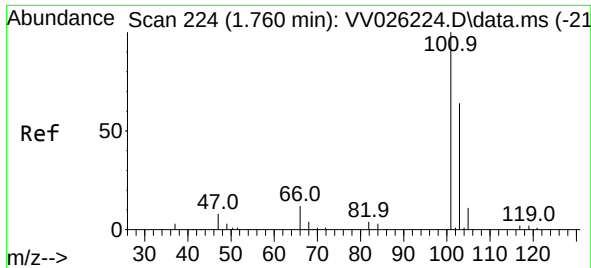
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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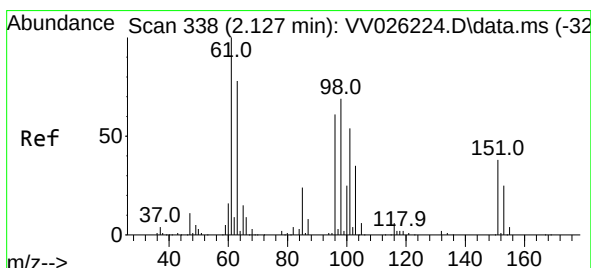
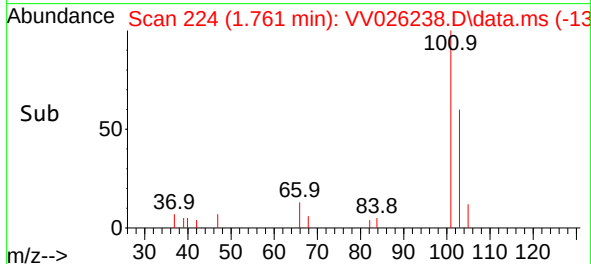
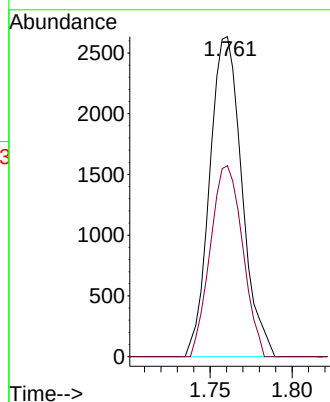
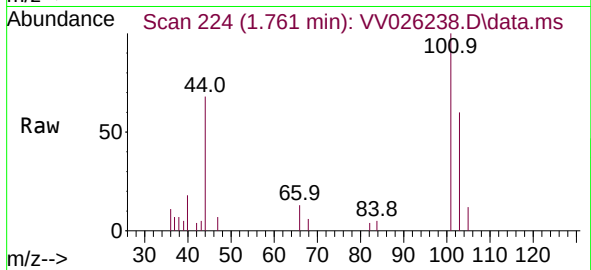




#9
Trichlorofluoromethane
Concen: 0.165 ug/L
RT: 1.761 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026238.D
Acq: 14 Jun 2022 15:42

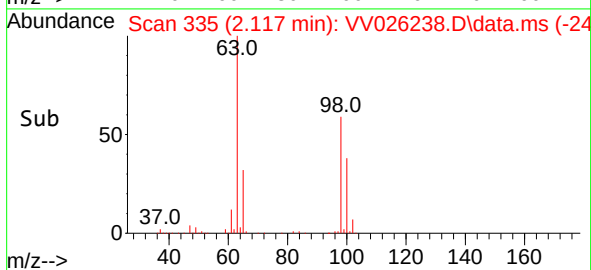
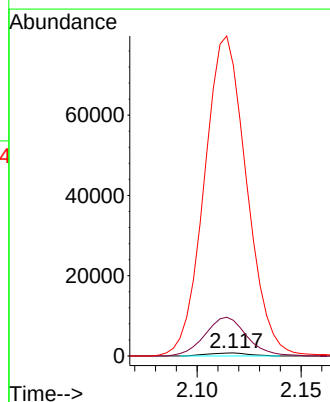
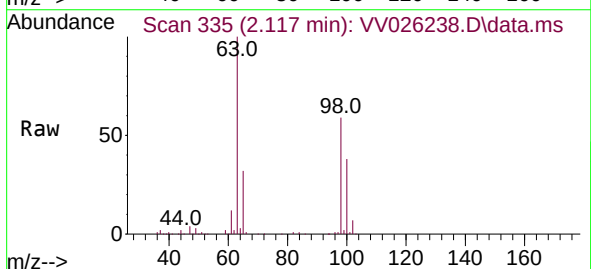
Instrument :
MSVOA_V
ClientSampleId :
C0BA7DL

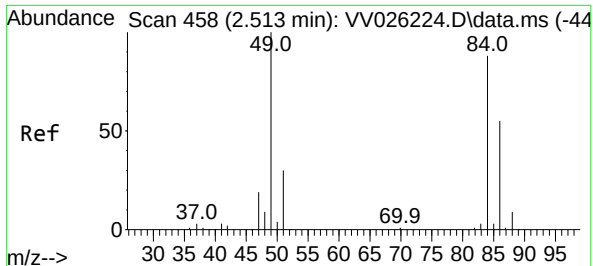
Tgt Ion:101 Resp: 3591
Ion Ratio Lower Upper
101 100
103 59.8 52.9 79.3



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.010 min
Lab File: VV026238.D
Acq: 14 Jun 2022 15:42

Tgt Ion: 96 Resp: 1014
Ion Ratio Lower Upper
96 100
61 1194.4 120.5 223.7#
63 9735.5 129.3 240.1#

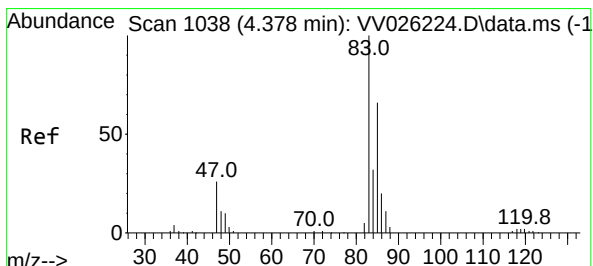
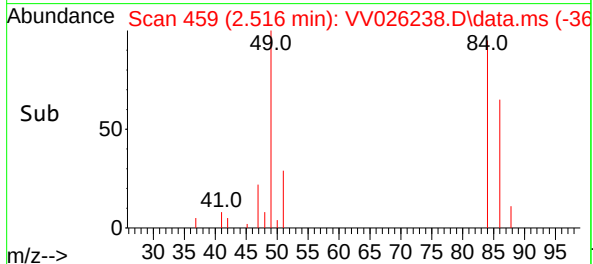
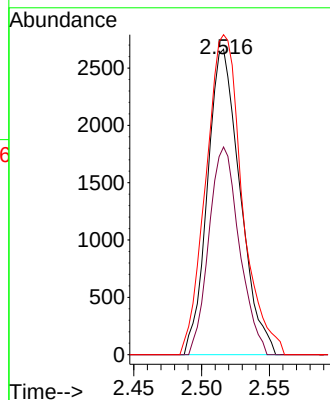
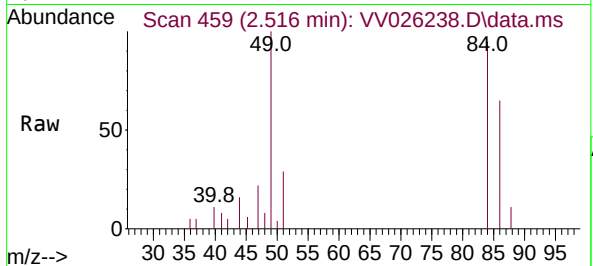




#16
Methylene chloride
Concen: 0.366 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026238.D
Acq: 14 Jun 2022 15:42

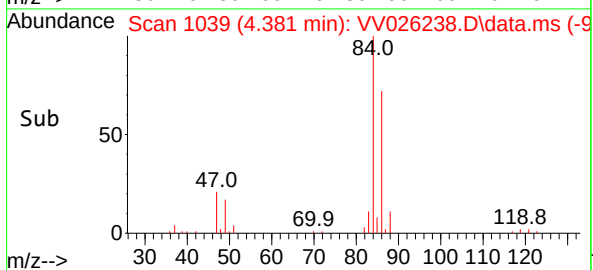
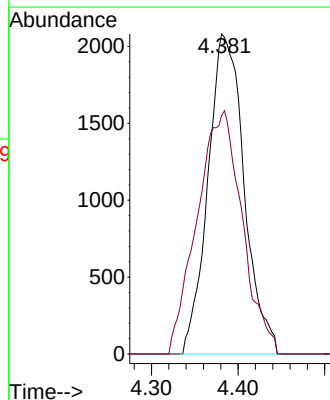
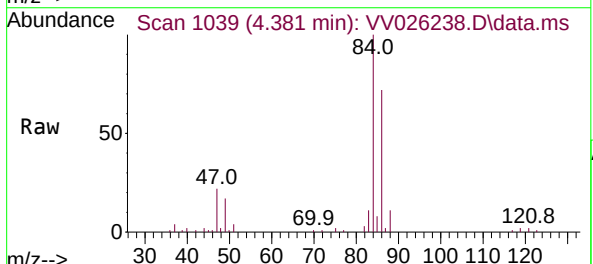
Instrument :
MSVOA_V
ClientSampleId :
C0BA7DL

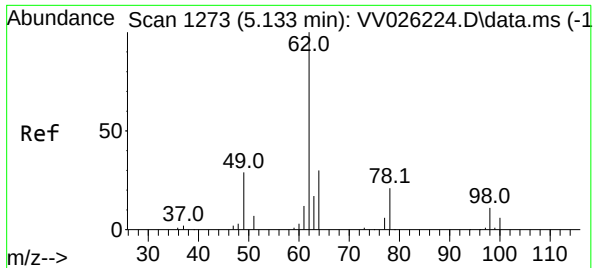
Tgt Ion:	84	Resp:	4462
Ion	Ratio	Lower	Upper
84	100		
86	68.0	45.1	83.7
49	104.8	82.3	152.9



#25
Chloroform
Concen: 0.265 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV026238.D
Acq: 14 Jun 2022 15:42

Tgt Ion:	83	Resp:	6029
Ion	Ratio	Lower	Upper
83	100		
85	74.6	45.3	84.1





#27

1,2-Dichloroethane

Concen: 0.144 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026238.D

Acq: 14 Jun 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

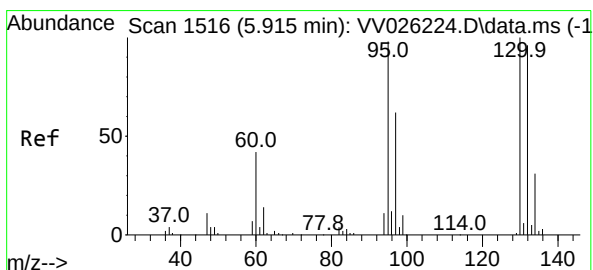
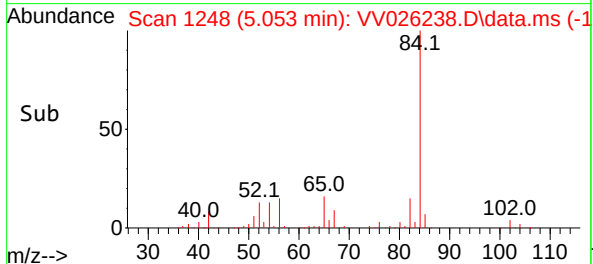
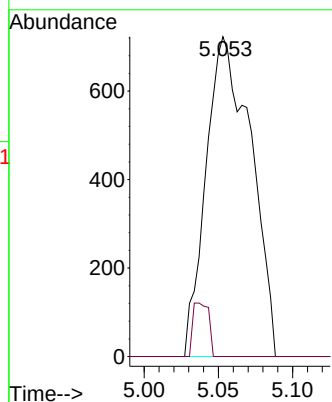
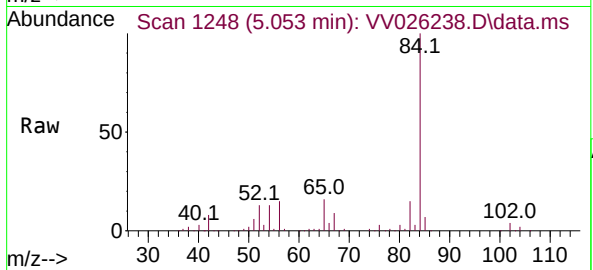
C0BA7DL

Tgt Ion: 62 Resp: 1523

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#34

Trichloroethene

Concen: 10.347 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV026238.D

Acq: 14 Jun 2022 15:42

Tgt Ion: 95 Resp: 128877

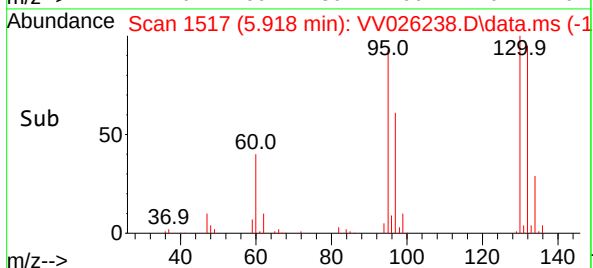
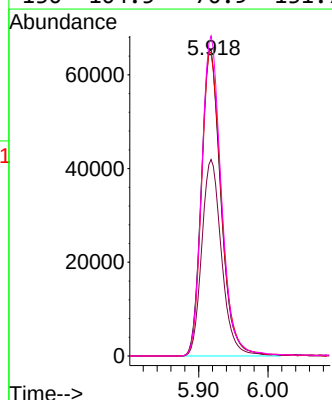
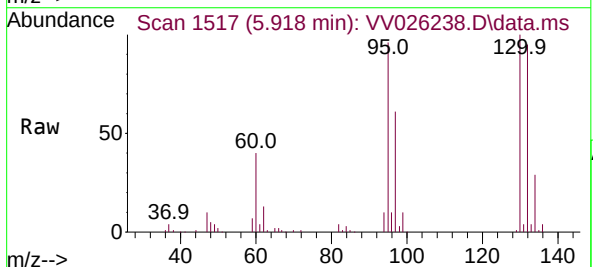
Ion Ratio Lower Upper

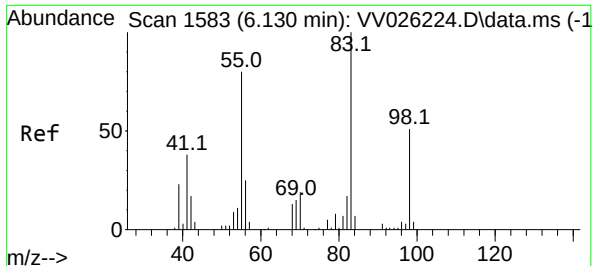
95 100

97 64.2 43.3 80.3

132 99.3 67.5 125.4

130 104.5 70.9 131.7

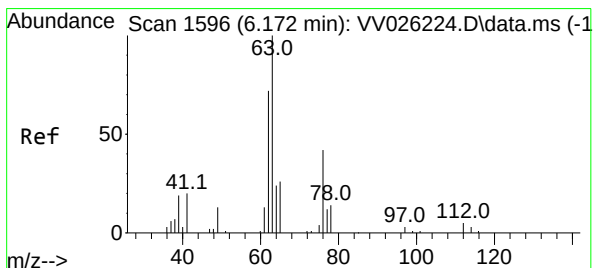
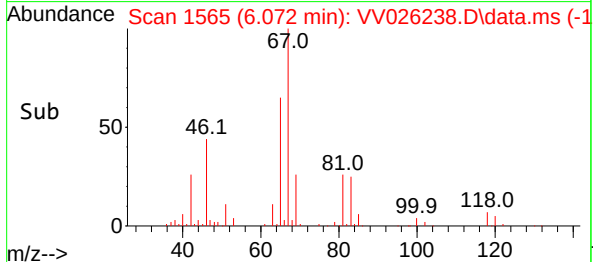
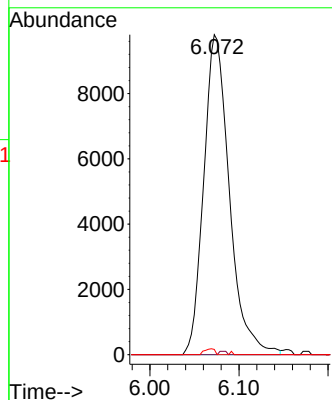
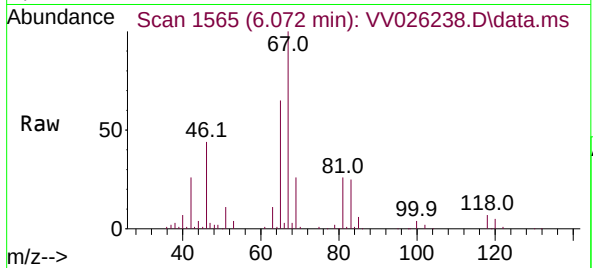




#35
Methylcyclohexane
Concen: 1.166 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV026238.D
Acq: 14 Jun 2022 15:42

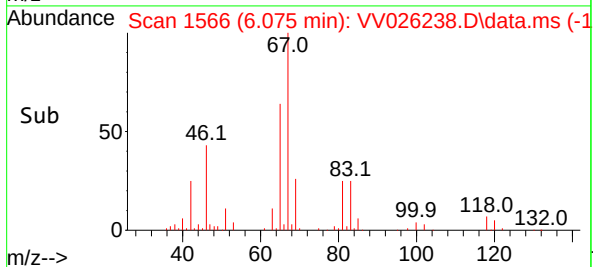
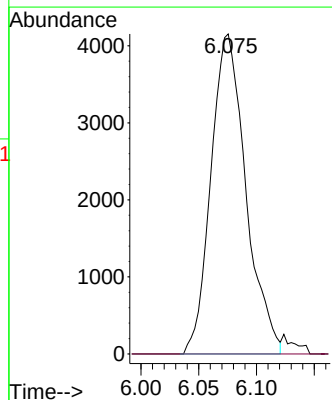
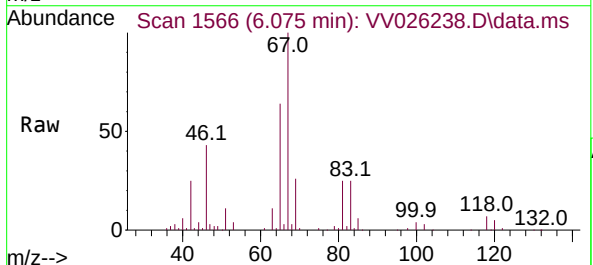
Instrument :
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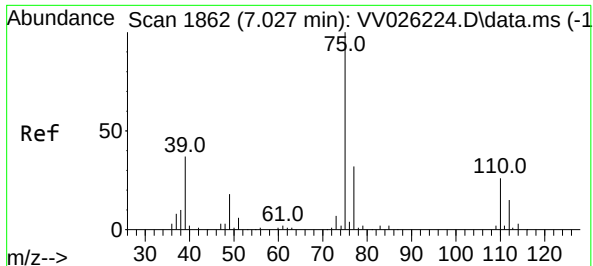
Tgt Ion: 83 Resp: 19626
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 0.0 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.732 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV026238.D
Acq: 14 Jun 2022 15:42

Tgt Ion: 63 Resp: 8740
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026238.D

Acq: 14 Jun 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

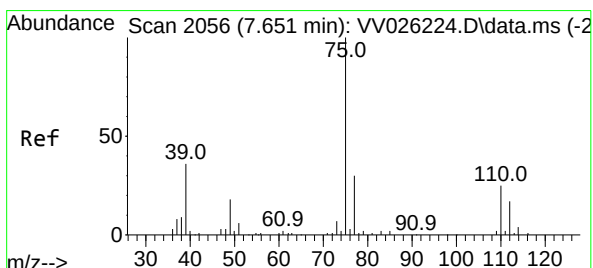
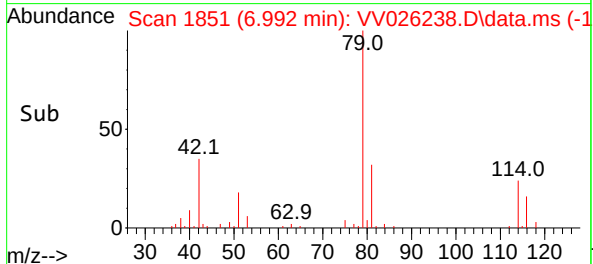
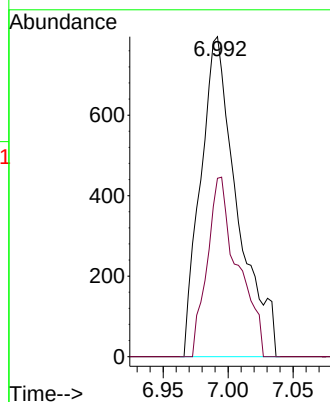
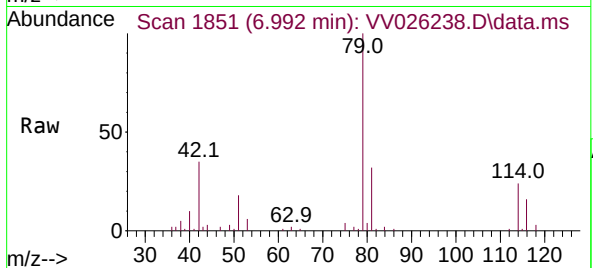
C0BA7DL

Tgt Ion: 75 Resp: 1561

Ion Ratio Lower Upper

75 100

77 55.7 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.022 min

Lab File: VV026238.D

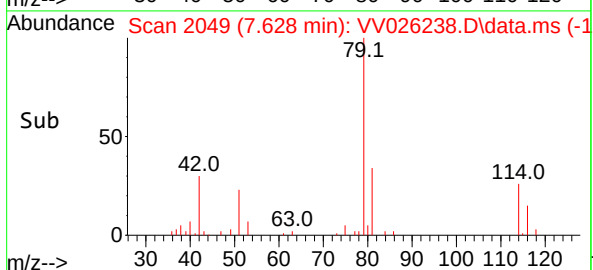
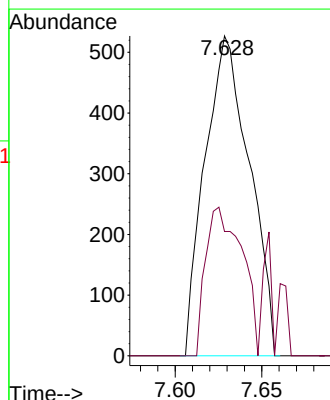
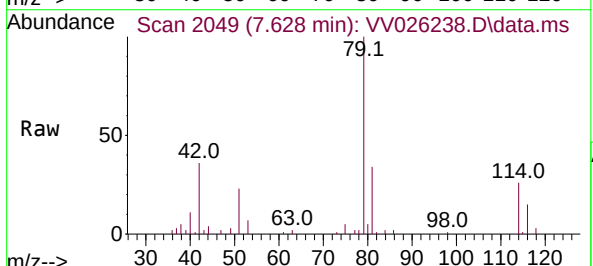
Acq: 14 Jun 2022 15:42

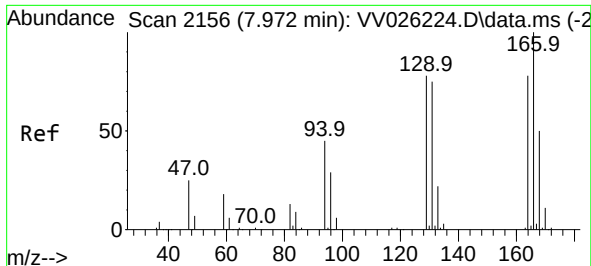
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 38.9 22.3 41.3





#47

Tetrachloroethene

Concen: 0.285 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV026238.D

Acq: 14 Jun 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

C0BA7DL

Tgt Ion:164 Resp: 2548

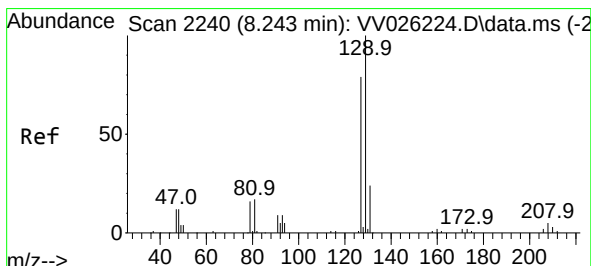
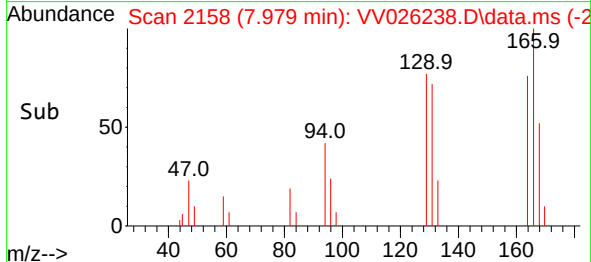
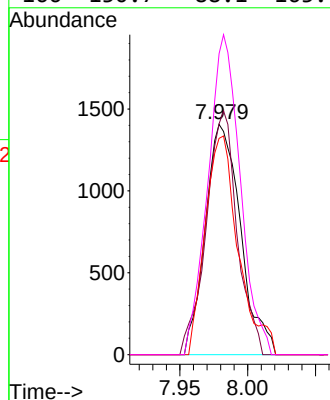
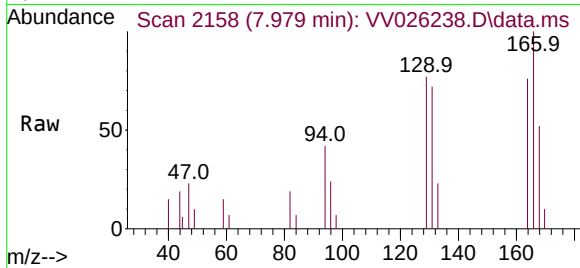
Ion Ratio Lower Upper

164 100

129 100.3 66.1 122.7

131 94.0 65.0 120.6

166 130.7 88.1 163.7



#49

Dibromochloromethane

Concen: 0.288 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV026238.D

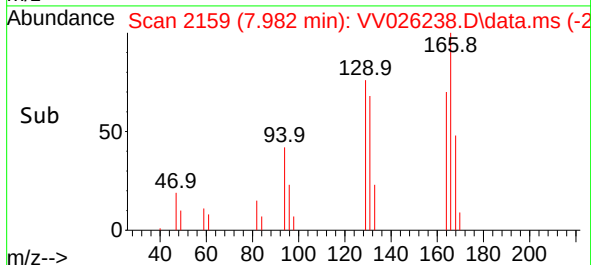
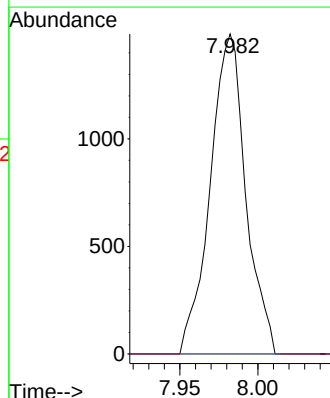
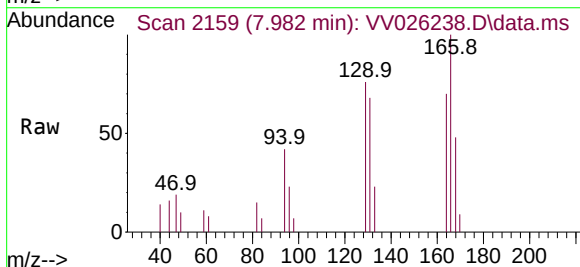
Acq: 14 Jun 2022 15:42

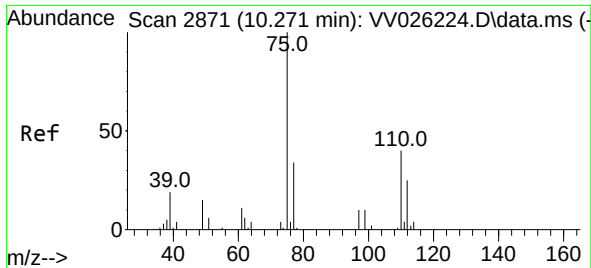
Tgt Ion:129 Resp: 2360

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.602 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026238.D
 Acq: 14 Jun 2022 15:42

Instrument :
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	27.8	41.8
110	2.0	33.0	49.4#

