

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026217.D
 Acq On : 13 Jun 2022 18:22
 Operator : SY/MD
 Sample : N3273-08DL 1000X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:41:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

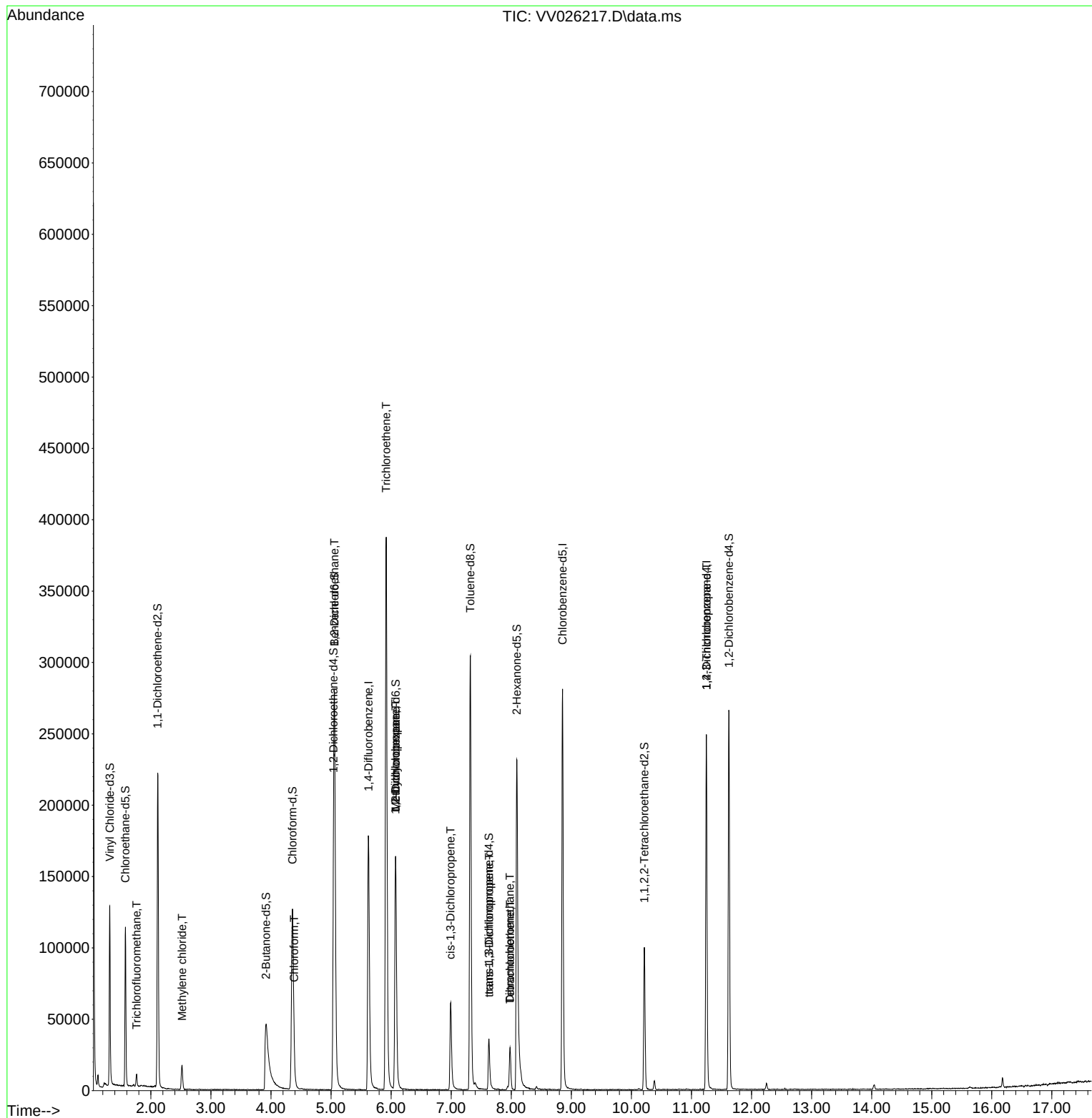
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	161416	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	160554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	88686	4.201	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.577	69	73161	4.400	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.114	63	117108	3.450	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.000%	
20) 2-Butanone-d5	3.918	46	111253	70.645	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.300%#	
24) Chloroform-d	4.358	84	135403	4.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.040	65	60225	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.056	84	265356	4.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.075	67	84492	4.681	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.316	98	213869	3.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	7.628	79	21889	4.018	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.091	63	83761	49.379	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49809	4.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	68752	4.548	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.764	101	4617	0.203	ug/L	94
16) Methylene chloride	2.519	84	7256	0.570	ug/L	98
25) Chloroform	4.384	83	4554	0.192	ug/L	90
27) 1,2-Dichloroethane	5.056	62	1574	0.143	ug/L #	73
34) Trichloroethene	5.918	95	140134	10.685	ug/L	99
35) Methylcyclohexane	6.075	83	19068	1.075	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8641	0.687	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1777	0.127	ug/L #	58
44) trans-1,3-Dichloropropene	7.632	75	972	0.088	ug/L #	55
47) Tetrachloroethene	7.982	164	6999	0.743	ug/L	96
49) Dibromochloromethane	7.979	129	6839	0.791	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7496	1.449	ug/L #	64

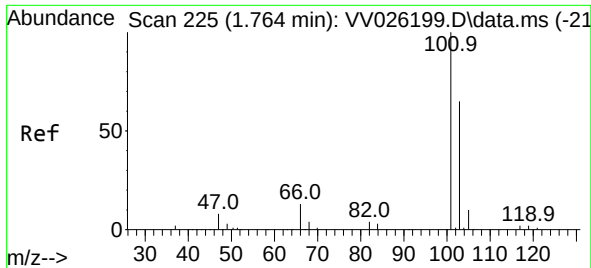
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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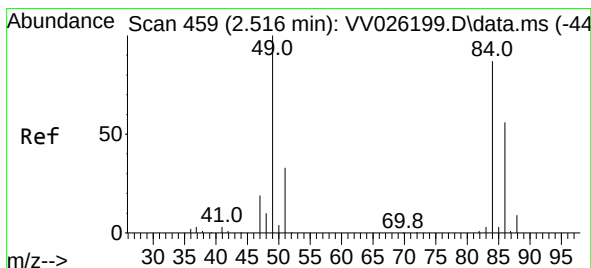
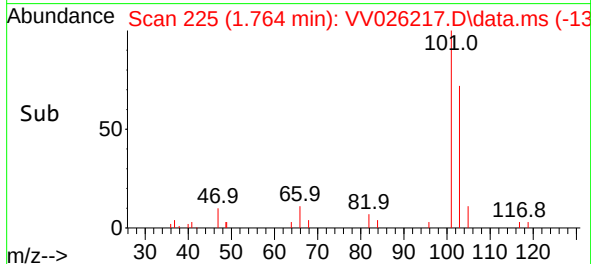
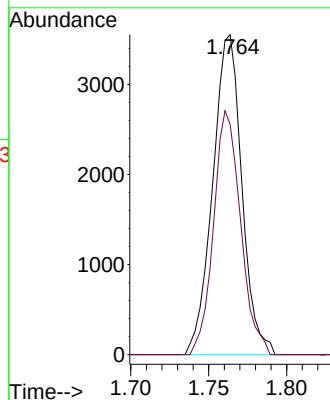
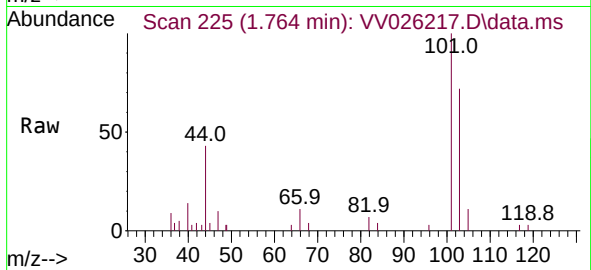




#9
Trichlorofluoromethane
Concen: 0.203 ug/L
RT: 1.764 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026217.D
Acq: 13 Jun 2022 18:22

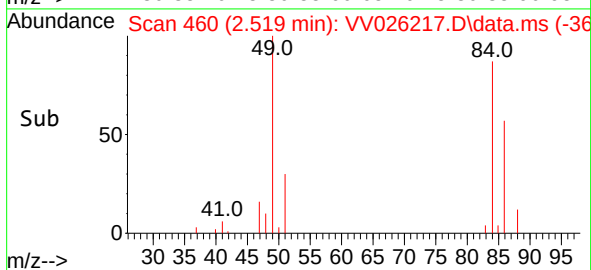
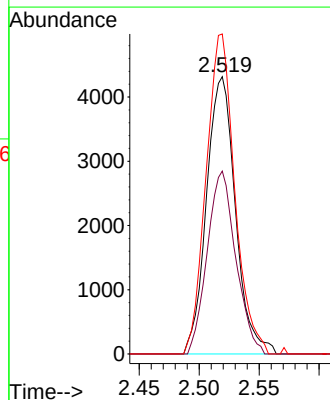
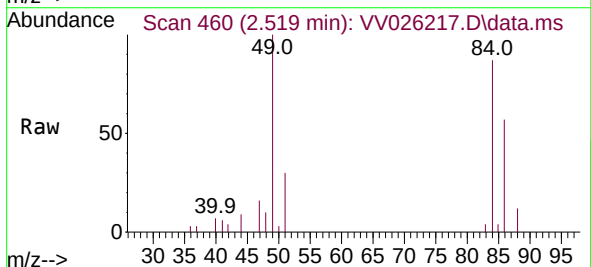
Instrument :
MSVOA_V
ClientSampleId :

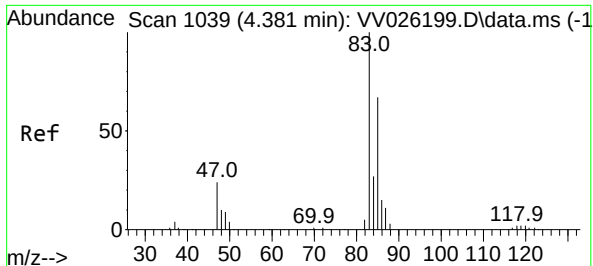
Tgt Ion:101 Resp: 4617
Ion Ratio Lower Upper
101 100
103 70.8 52.9 79.3



#16
Methylene chloride
Concen: 0.570 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026217.D
Acq: 13 Jun 2022 18:22

Tgt Ion: 84 Resp: 7256
Ion Ratio Lower Upper
84 100
86 66.0 45.1 83.7
49 115.4 82.3 152.9





#25

Chloroform

Concen: 0.192 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026217.D

Acq: 13 Jun 2022 18:22

Instrument :

MSVOA_V

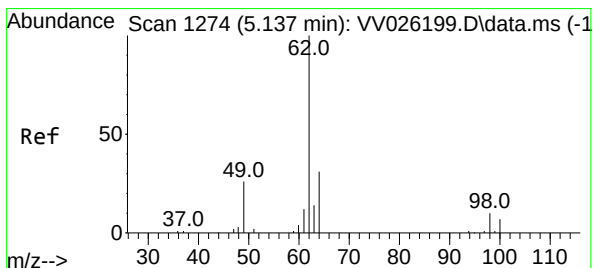
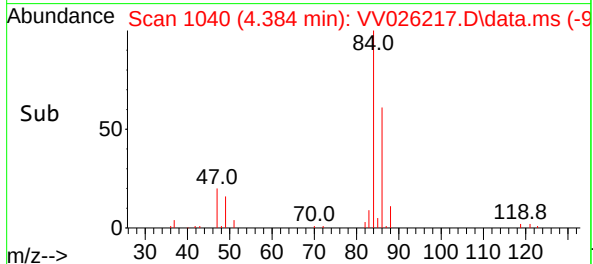
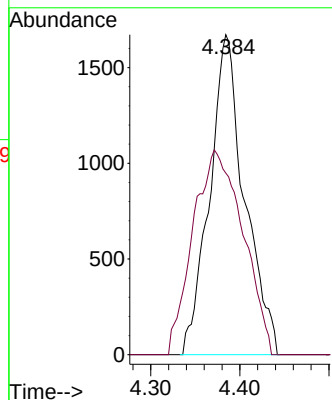
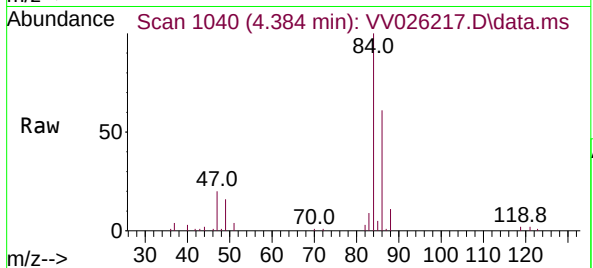
ClientSampleId :

Tgt Ion: 83 Resp: 4554

Ion Ratio Lower Upper

83 100

85 56.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.143 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV026217.D

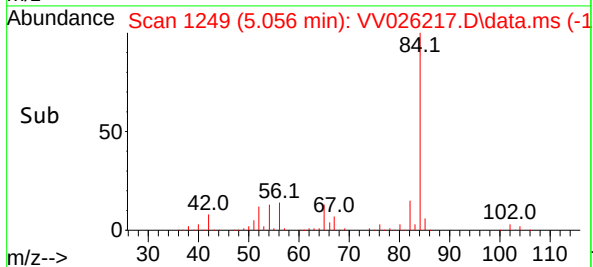
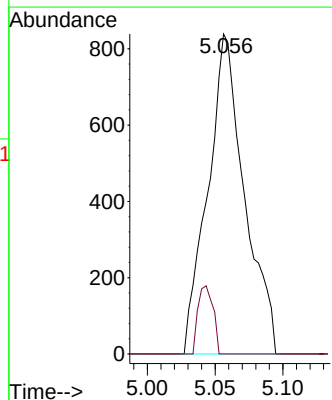
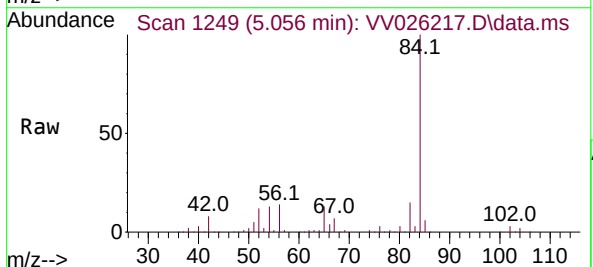
Acq: 13 Jun 2022 18:22

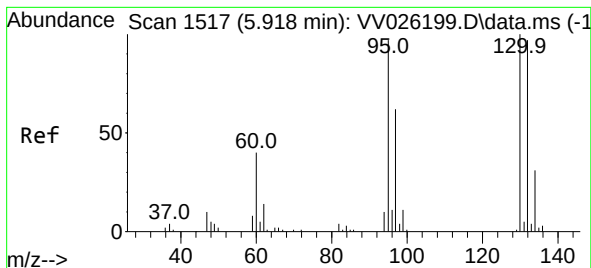
Tgt Ion: 62 Resp: 1574

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#34

Trichloroethene

Concen: 10.685 ug/L

RT: 5.918 min Scan# 1

Delta R.T. -0.000 min

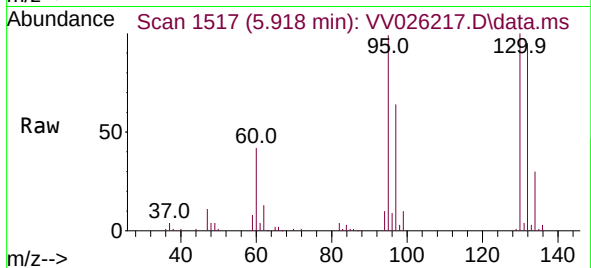
Lab File: VV026217.D

Acq: 13 Jun 2022 18:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 140134

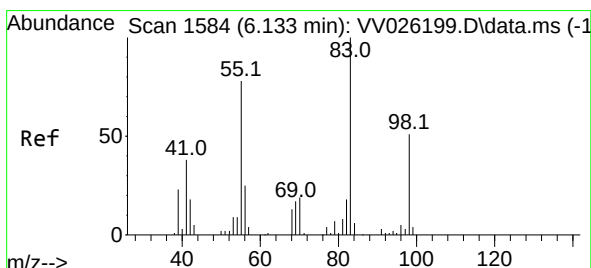
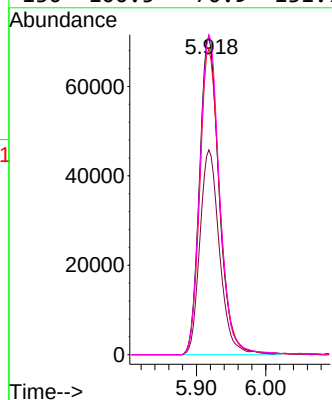
Ion Ratio Lower Upper

95 100

97 64.3 43.3 80.3

132 96.0 67.5 125.4

130 100.5 70.9 131.7



#35

Methylcyclohexane

Concen: 1.075 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026217.D

Acq: 13 Jun 2022 18:22

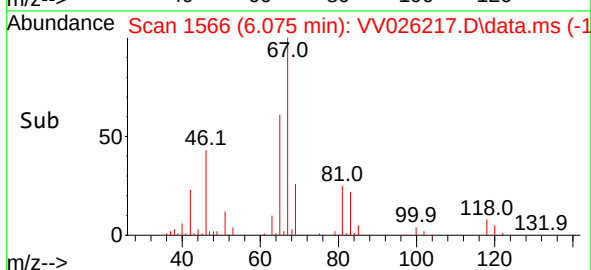
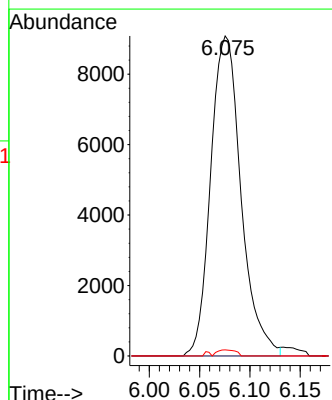
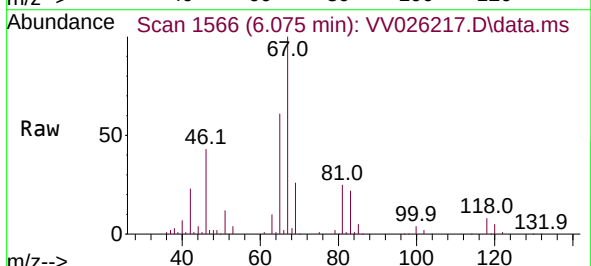
Tgt Ion: 83 Resp: 19068

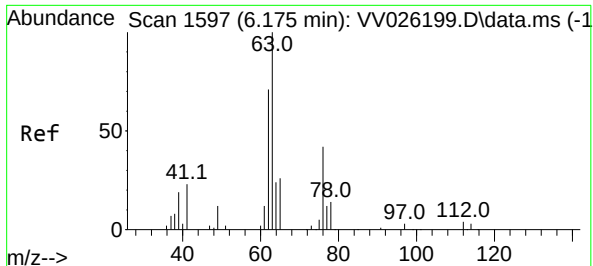
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026217.D

Acq: 13 Jun 2022 18:22

Instrument :

MSVOA_V

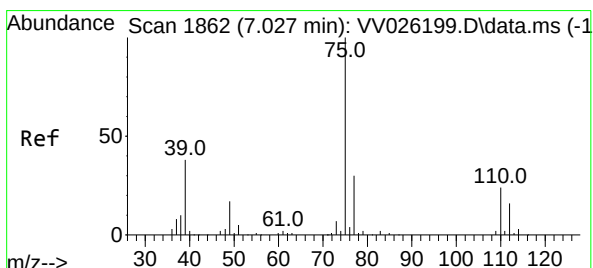
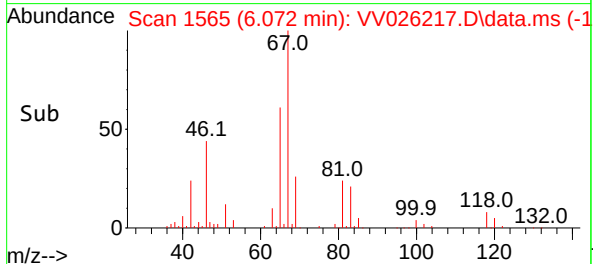
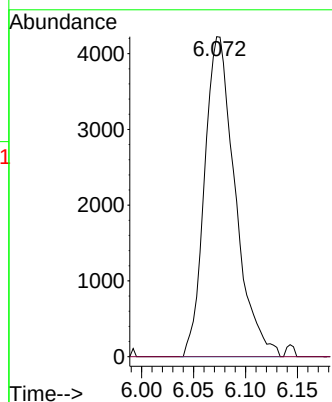
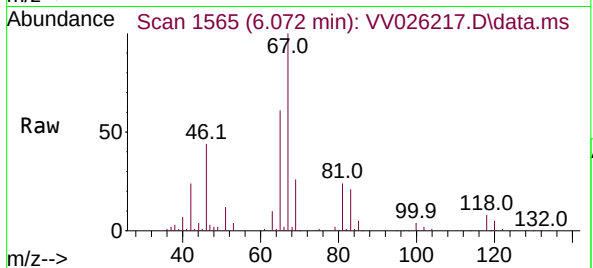
ClientSampleId :

Tgt Ion: 63 Resp: 8641

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV026217.D

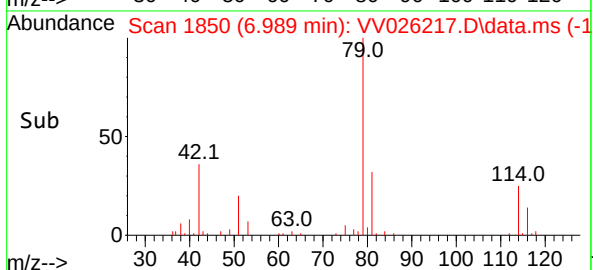
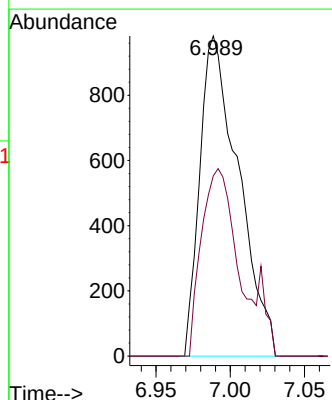
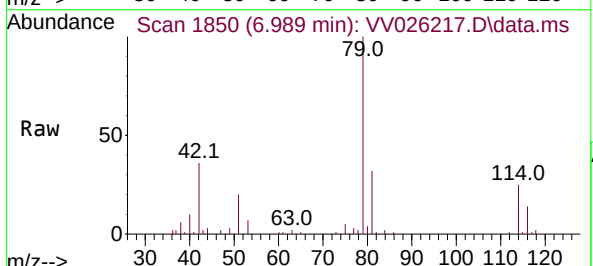
Acq: 13 Jun 2022 18:22

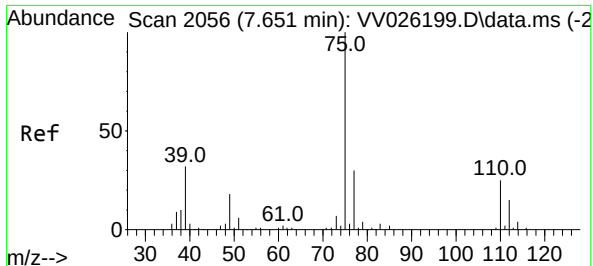
Tgt Ion: 75 Resp: 1777

Ion Ratio Lower Upper

75 100

77 56.3 22.9 42.5#

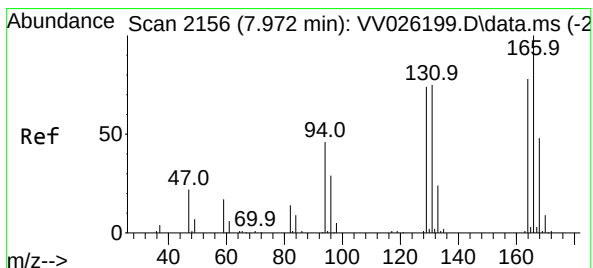
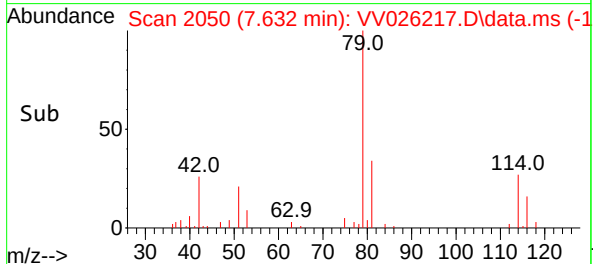
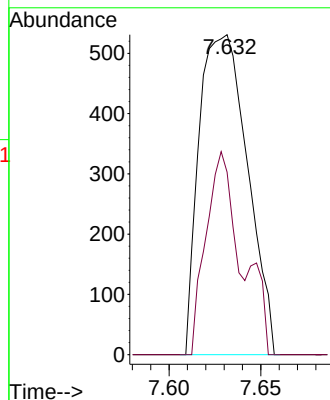
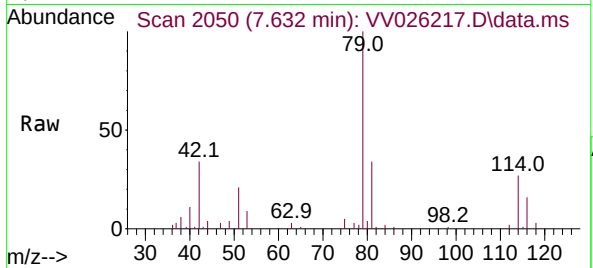




#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.632 min Scan# 2056
Delta R.T. -0.019 min
Lab File: VV026217.D
Acq: 13 Jun 2022 18:22

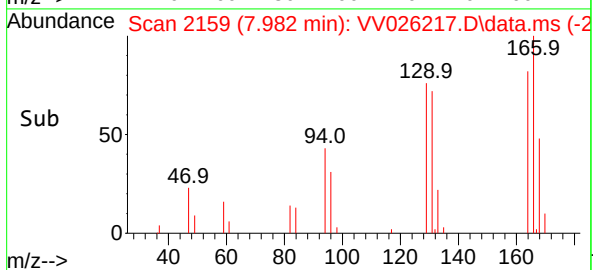
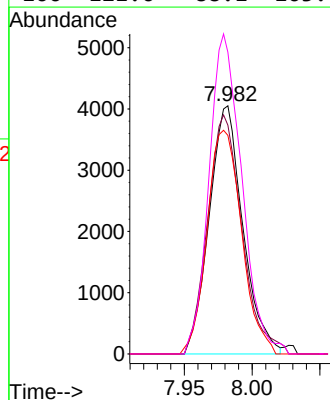
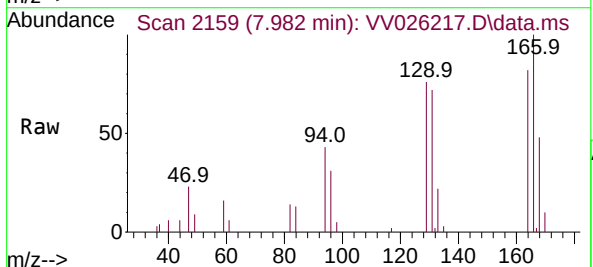
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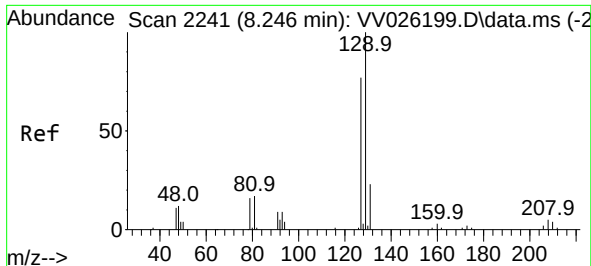
Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
77 57.1 22.3 41.3#



#47
Tetrachloroethene
Concen: 0.743 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV026217.D
Acq: 13 Jun 2022 18:22

Tgt Ion: 164 Resp: 6999
Ion Ratio Lower Upper
164 100
129 92.2 66.1 122.7
131 88.1 65.0 120.6
166 121.6 88.1 163.7





#49

Dibromochloromethane

Concen: 0.791 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026217.D

Acq: 13 Jun 2022 18:22

Instrument :

MSVOA_V

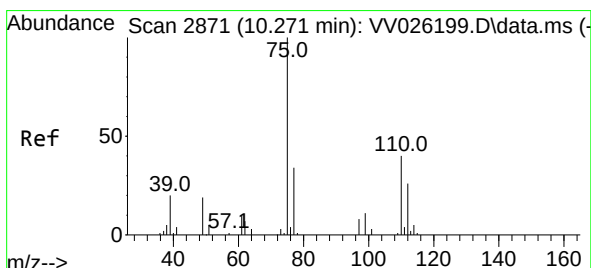
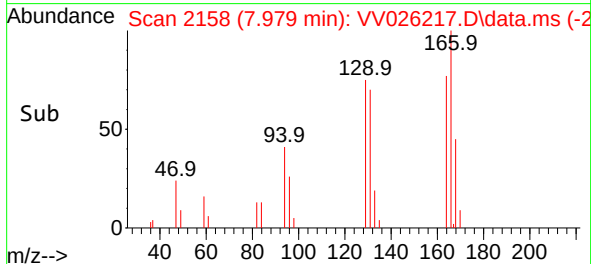
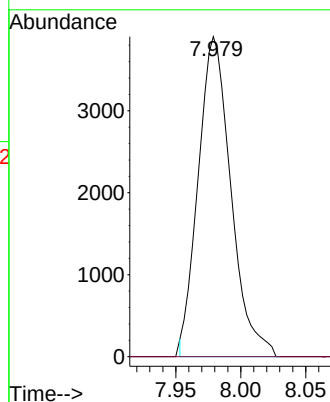
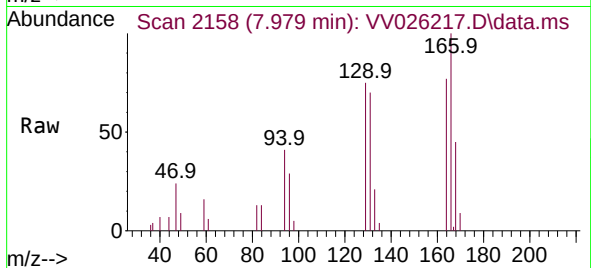
ClientSampleId :

Tgt Ion:129 Resp: 6839

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026217.D

Acq: 13 Jun 2022 18:22

Tgt Ion: 75 Resp: 7496

Ion Ratio Lower Upper

75 100

77 33.5 27.8 41.8

110 1.3 33.0 49.4#

