

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026497.D
 Acq On : 21 Jun 2022 18:38
 Operator : SY/MD
 Sample : N3355-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:45:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

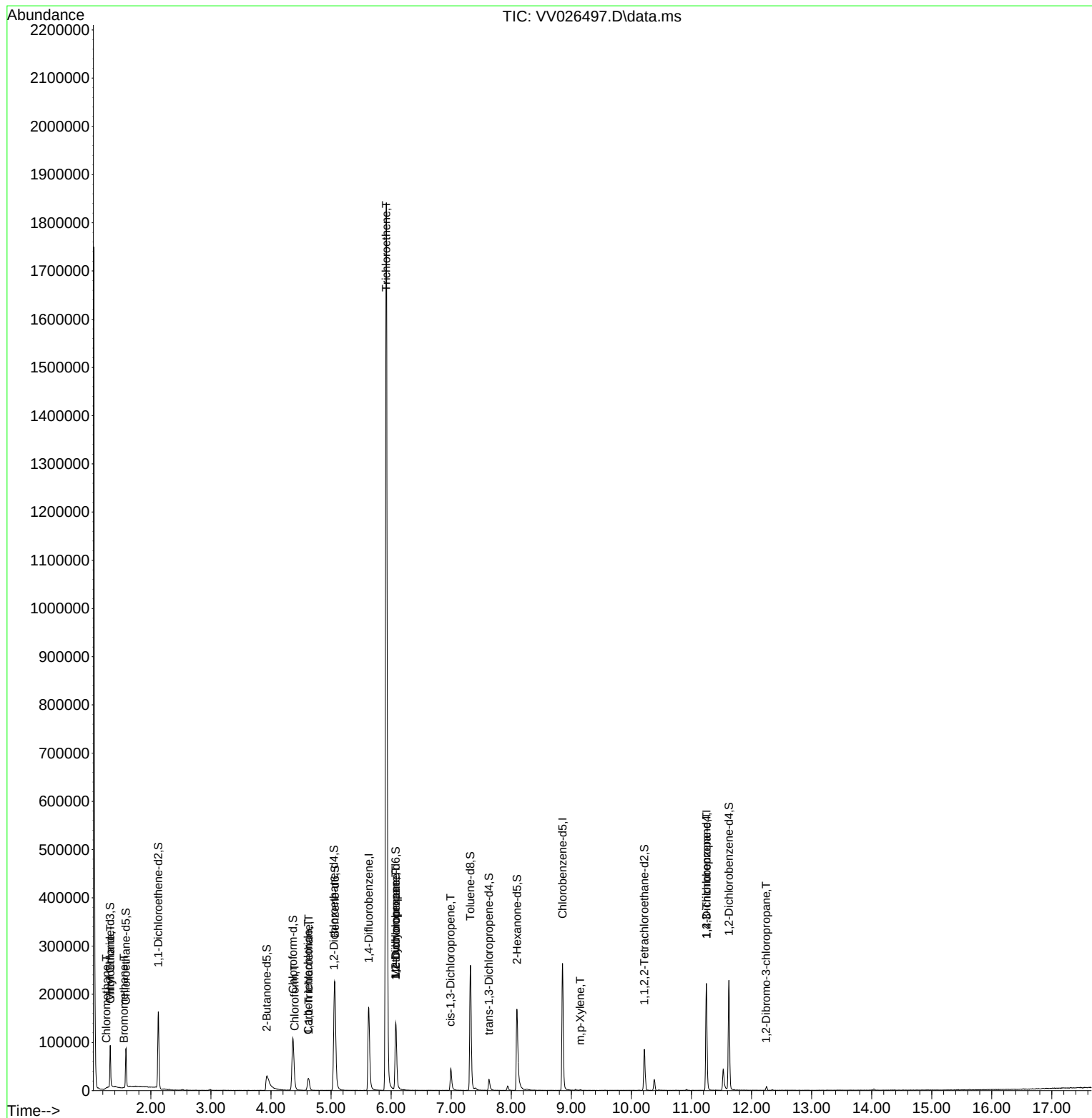
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	156616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	151772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	55906	4.110	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.584	69	51661	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.124	63	83357	3.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.931	46	77897	58.686	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.380%
24) Chloroform-d	4.365	84	118358	5.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.800%
26) 1,2-Dichloroethane-d4	5.046	65	46604	5.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.063	84	218407	5.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.079	67	70646	5.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.400%
41) Toluene-d8	7.320	98	180157	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.628	79	14913	3.884	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.095	63	61299	52.844	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43714	5.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	60379	6.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1410	0.108	ug/L	100
6) Bromomethane	1.551	94	387	0.051	ug/L #	39
8) Chloroethane	1.326	64	1029	0.123	ug/L	95
25) Chloroform	4.394	83	1695	0.085	ug/L #	74
29) 1,1,1-Trichloroethane	4.625	97	21083	1.257	ug/L	99
31) Carbon tetrachloride	4.619	117	2762	0.194	ug/L	94
34) Trichloroethene	5.918	95	647733	60.974	ug/L	98
35) Methylcyclohexane	6.079	83	16860	1.147	ug/L #	21
37) 1,2-Dichloropropane	6.075	63	7561	0.743	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1160	0.100	ug/L #	70
53) m,p-Xylene	9.146	106	699	0.044	ug/L #	53
61) 1,2,3-Trichloropropane	11.249	75	6830	1.714	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.242	75	180	0.255	ug/L #	3

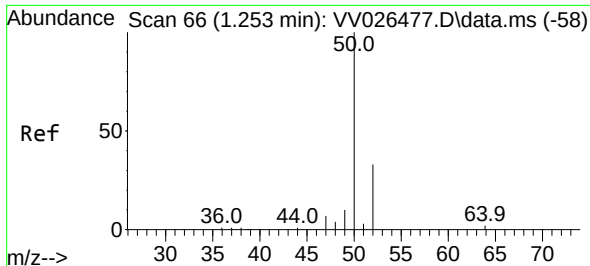
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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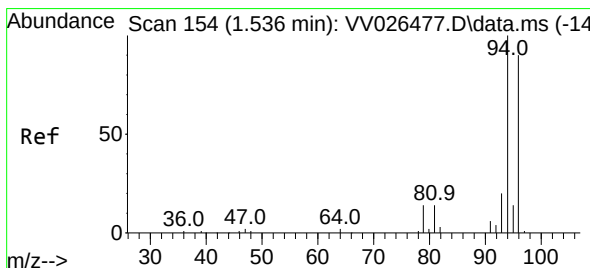
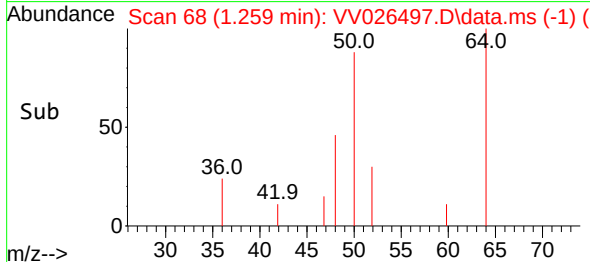
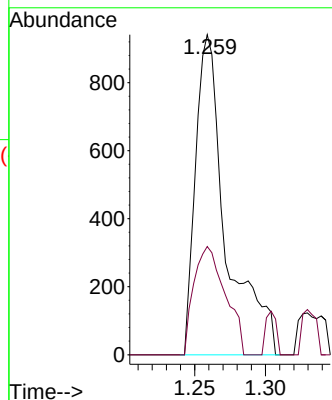
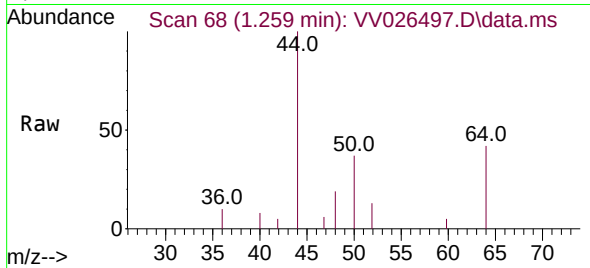




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026497.D
Acq: 21 Jun 2022 18:38

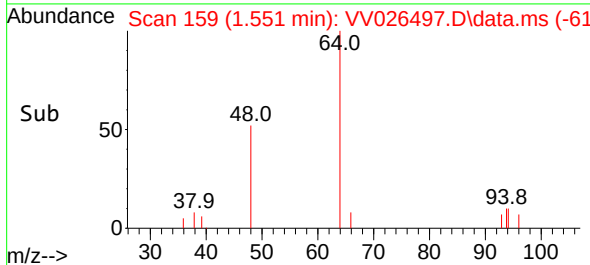
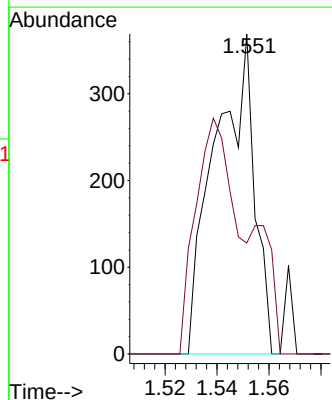
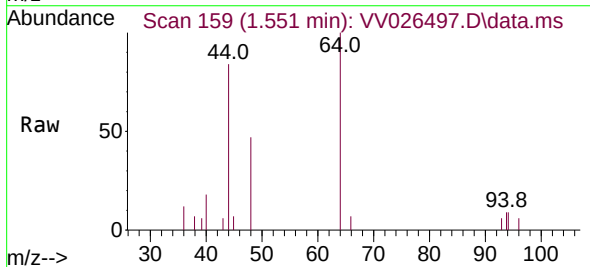
Instrument :
MSVOA_V
ClientSampleId :

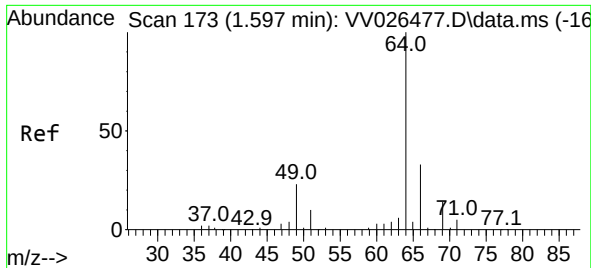
Tgt Ion: 50 Resp: 1410
Ion Ratio Lower Upper
50 100
52 33.8 23.7 44.1



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.551 min Scan# 159
Delta R.T. 0.016 min
Lab File: VV026497.D
Acq: 21 Jun 2022 18:38

Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 34.7 65.7 121.9#

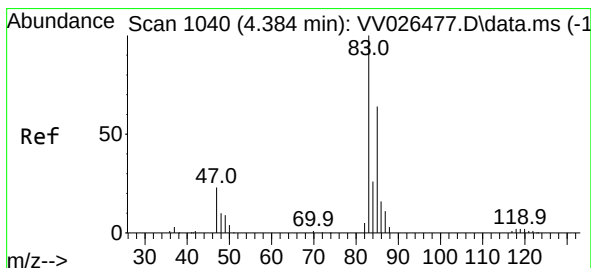
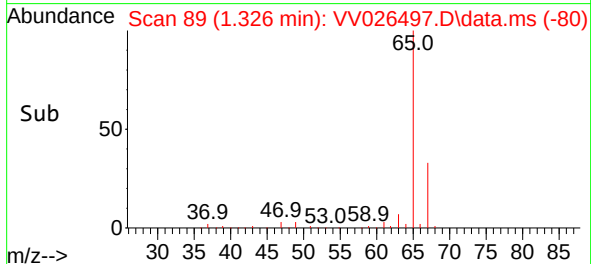
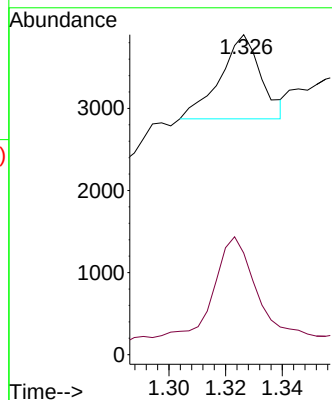
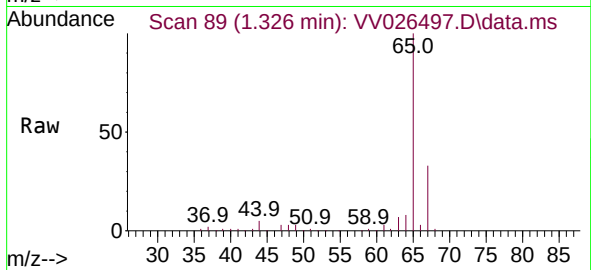




#8
Chloroethane
Concen: 0.123 ug/L
RT: 1.326 min Scan# 89
Delta R.T. -0.270 min
Lab File: VV026497.D
Acq: 21 Jun 2022 18:38

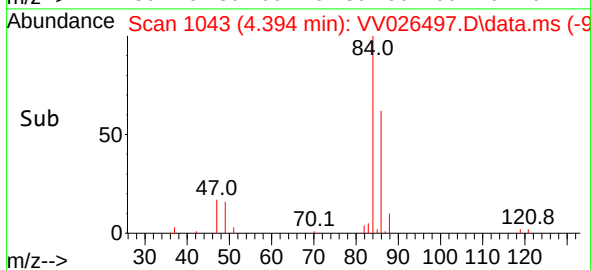
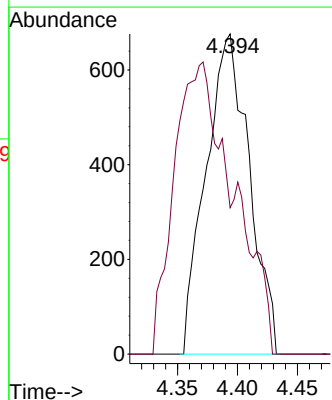
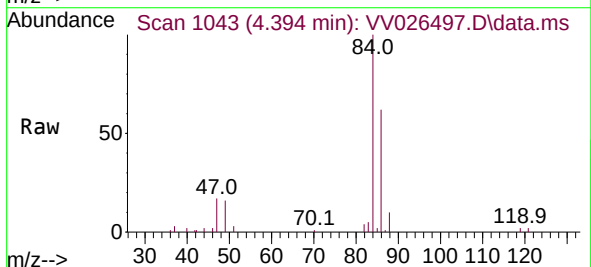
Instrument :
MSVOA_V
ClientSampleId :

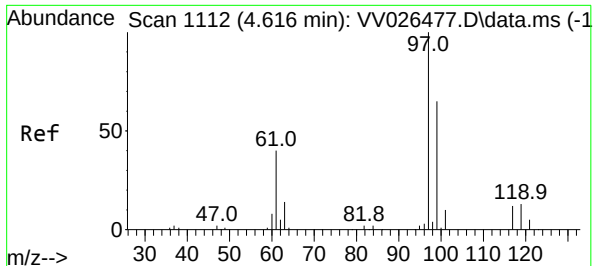
Tgt Ion: 64 Resp: 1029
Ion Ratio Lower Upper
64 100
66 31.7 24.1 44.7



#25
Chloroform
Concen: 0.085 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.009 min
Lab File: VV026497.D
Acq: 21 Jun 2022 18:38

Tgt Ion: 83 Resp: 1695
Ion Ratio Lower Upper
83 100
85 45.7 46.5 86.3#





#29

1,1,1-Trichloroethane

Concen: 1.257 ug/L

RT: 4.625 min Scan# 1115

Delta R.T. 0.009 min

Lab File: VV026497.D

Acq: 21 Jun 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :

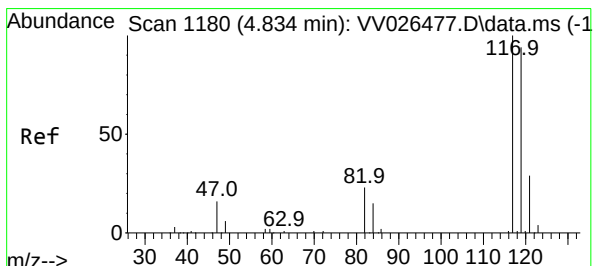
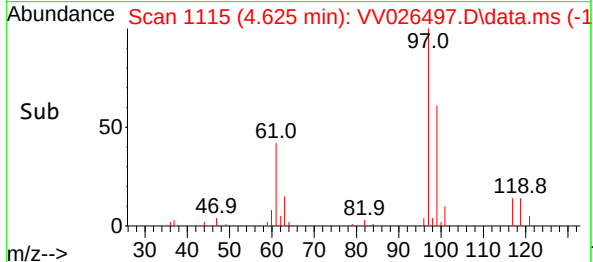
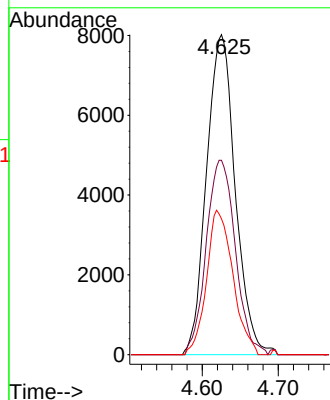
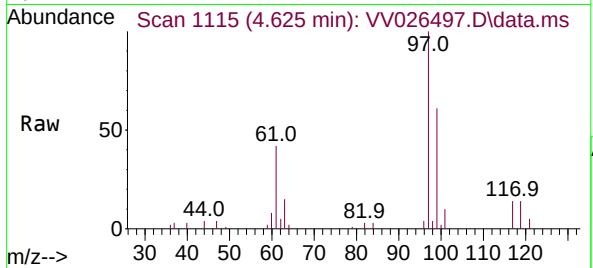
Tgt Ion: 97 Resp: 21083

Ion Ratio Lower Upper

97 100

99 61.5 50.3 75.5

61 41.4 33.4 50.0



#31

Carbon tetrachloride

Concen: 0.194 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. -0.216 min

Lab File: VV026497.D

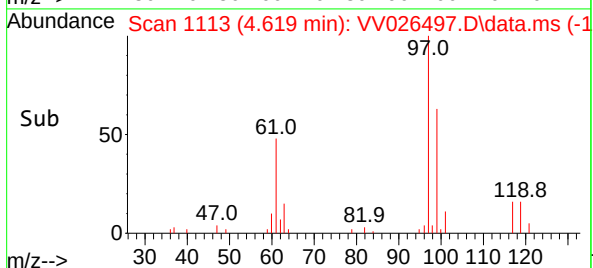
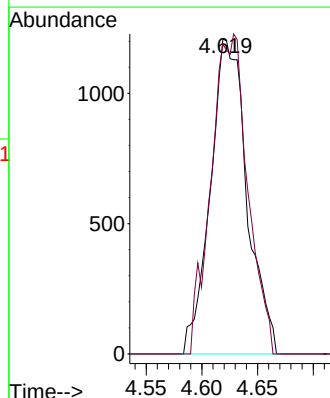
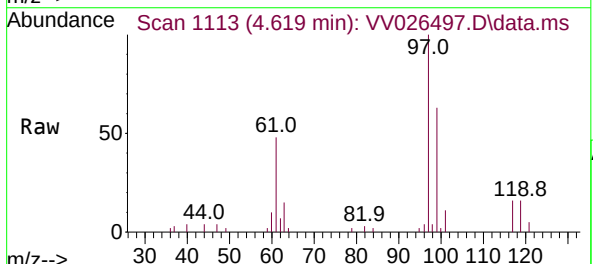
Acq: 21 Jun 2022 18:38

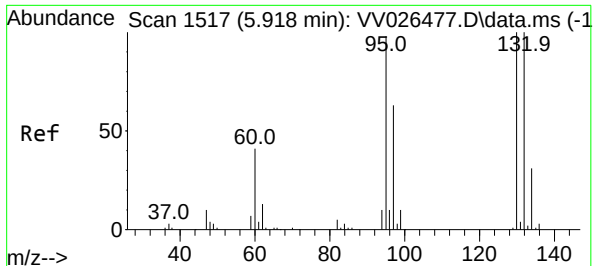
Tgt Ion: 117 Resp: 2762

Ion Ratio Lower Upper

117 100

119 101.6 76.2 114.4





#34

Trichloroethene

Concen: 60.974 ug/L

RT: 5.918 min Scan# 1

Delta R.T. -0.000 min

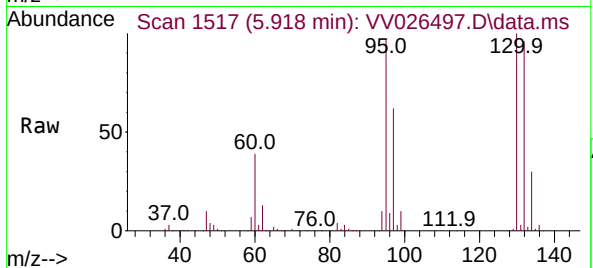
Lab File: VV026497.D

Acq: 21 Jun 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 647733

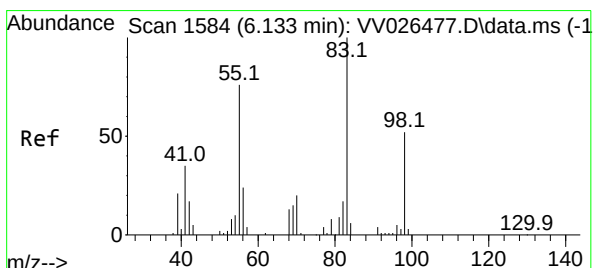
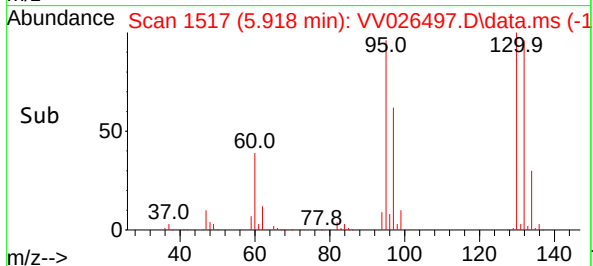
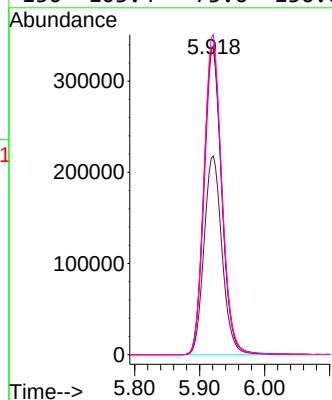
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.3

132 99.0 68.8 127.8

130 103.4 73.6 136.6



#35

Methylcyclohexane

Concen: 1.147 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026497.D

Acq: 21 Jun 2022 18:38

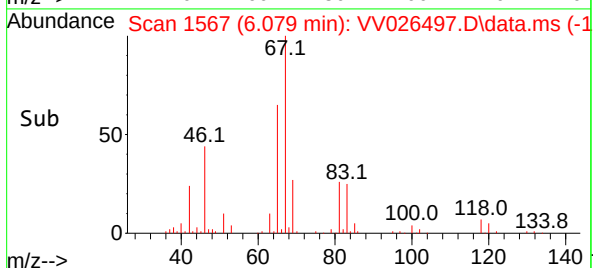
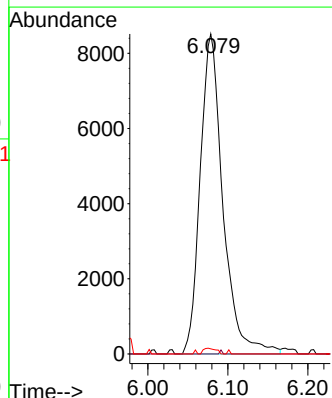
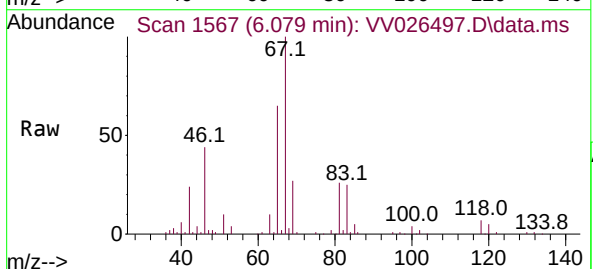
Tgt Ion: 83 Resp: 16860

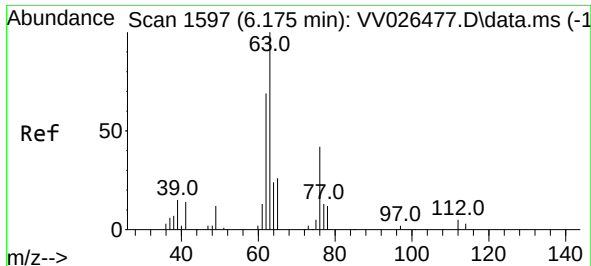
Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 4.3 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.743 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026497.D

Acq: 21 Jun 2022 18:38

Instrument :

MSVOA_V

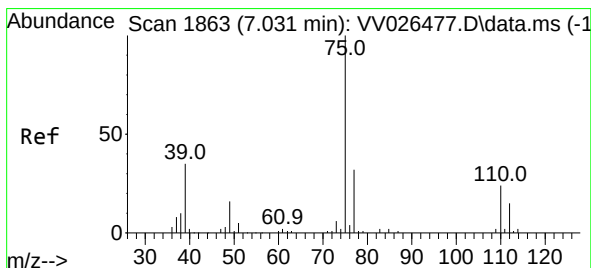
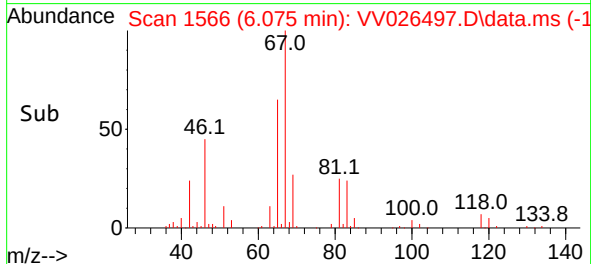
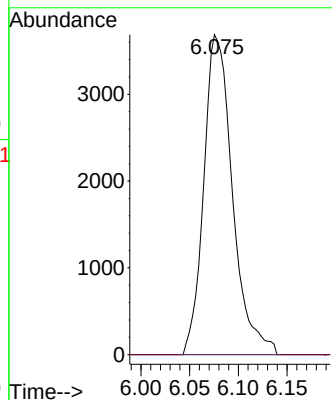
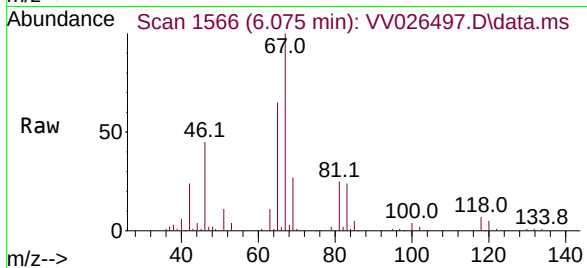
ClientSampleId :

Tgt Ion: 63 Resp: 7561

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026497.D

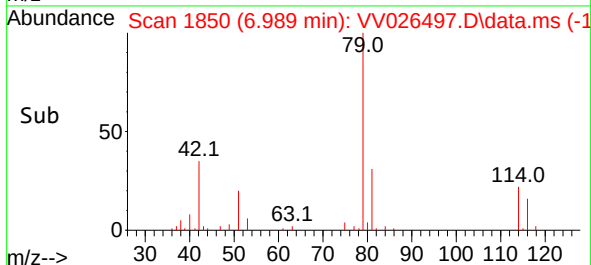
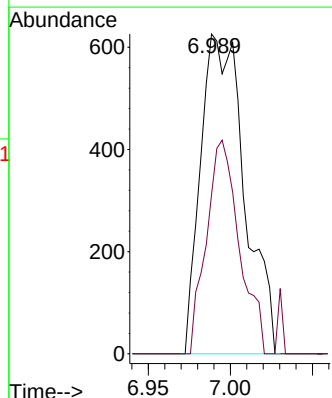
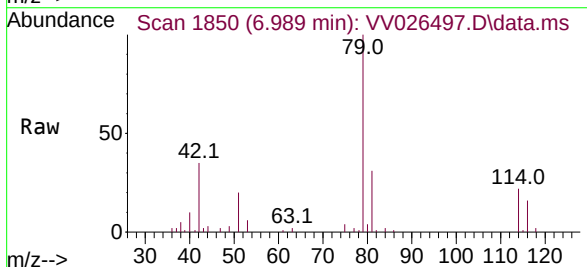
Acq: 21 Jun 2022 18:38

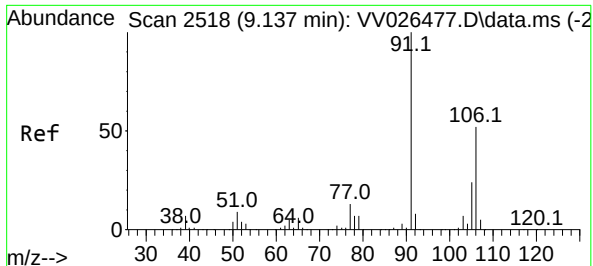
Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

77 49.8 23.0 42.6#

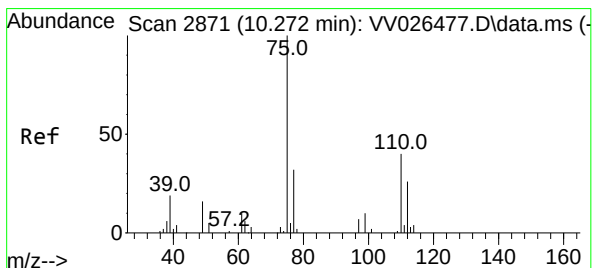
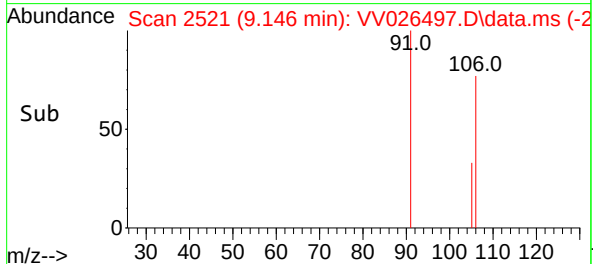
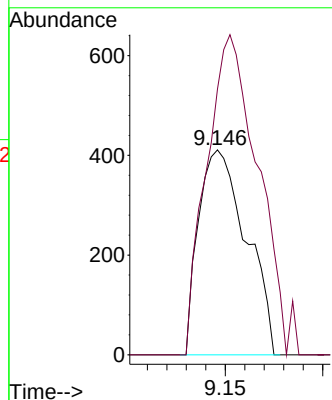
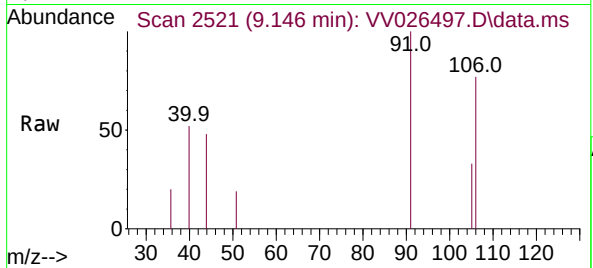




#53
m,p-Xylene
Concen: 0.044 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV026497.D
Acq: 21 Jun 2022 18:38

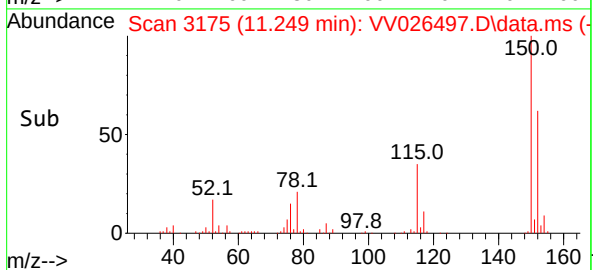
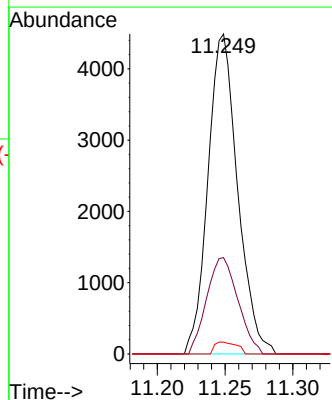
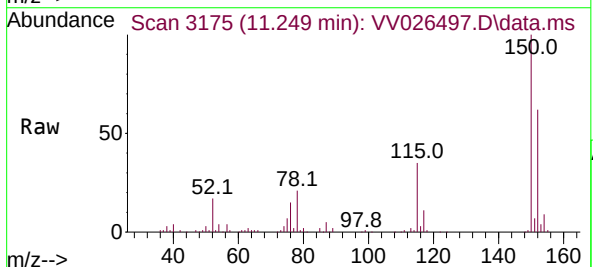
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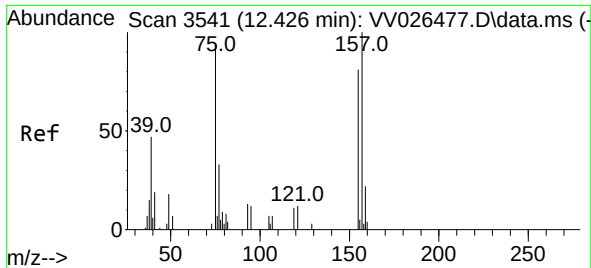
Tgt Ion:106 Resp: 699
Ion Ratio Lower Upper
106 100
91 129.7 141.3 262.3#



#61
1,2,3-Trichloropropane
Concen: 1.714 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026497.D
Acq: 21 Jun 2022 18:38

Tgt Ion: 75 Resp: 6830
Ion Ratio Lower Upper
75 100
77 31.7 26.9 40.3
110 2.8 30.7 46.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.255 ug/L

RT: 12.242 min Scan# 34

Delta R.T. -0.183 min

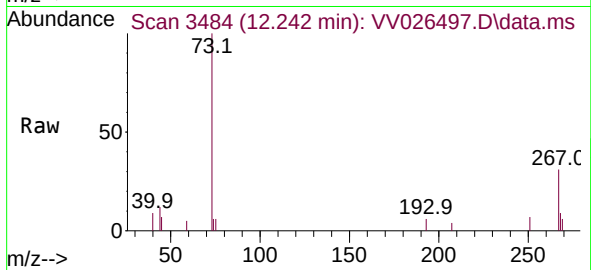
Lab File: VV026497.D

Acq: 21 Jun 2022 18:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 180

Ion Ratio Lower Upper

75 100

155 0.0 63.7 95.5#

157 0.0 85.0 127.6#

