

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024798.D
 Acq On : 22 Feb 2022 15:32
 Operator : SY/MD
 Sample : N1623-17DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:08:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

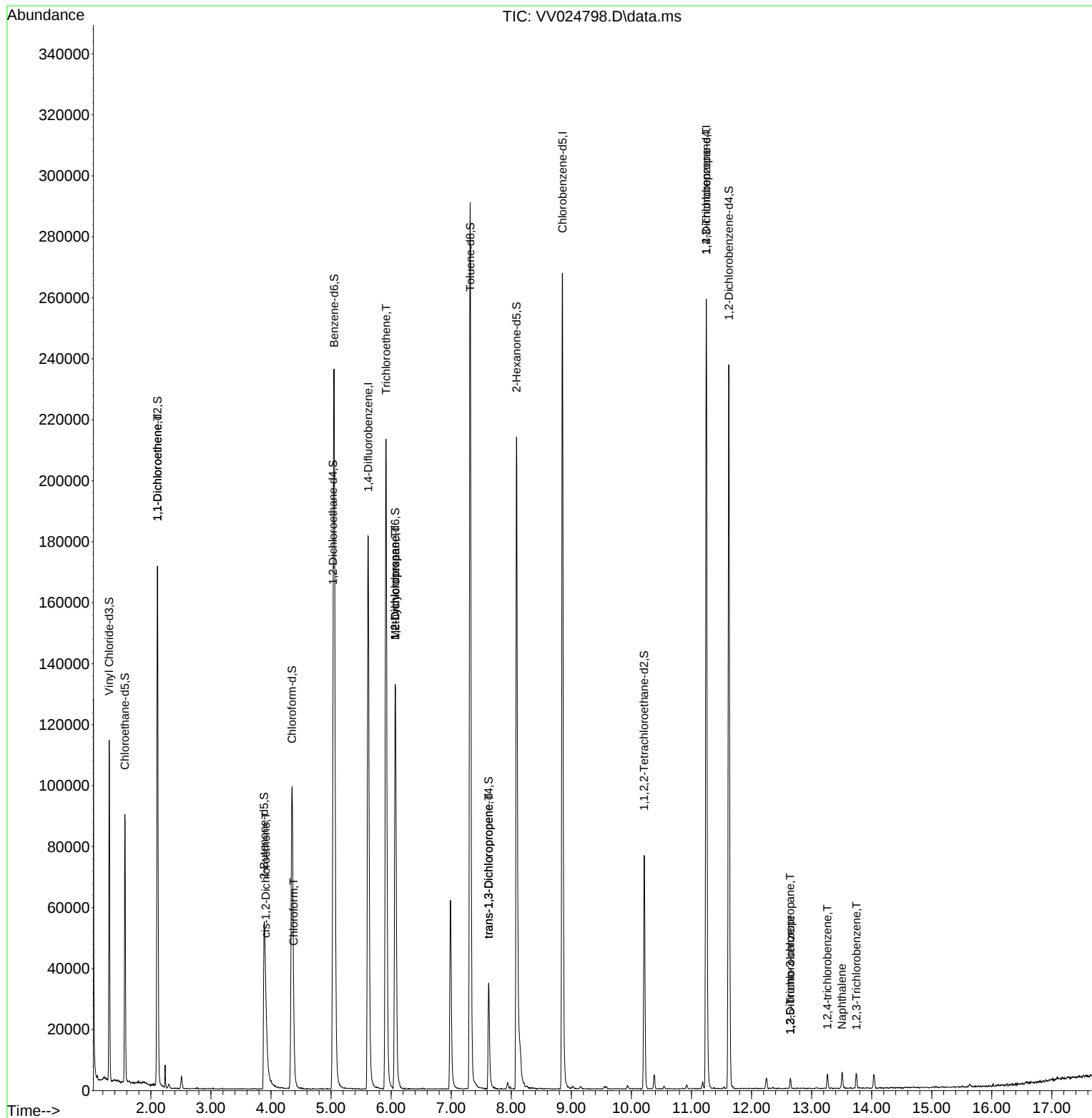
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160528	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69845	5.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.568	69	55039	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.111	63	90070	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.886	46	100436	51.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	4.349	84	105714	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.034	65	47472	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.053	84	228101	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.069	67	68219	5.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.317	98	196046	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.625	79	21414	5.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.088	63	75724	45.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37091	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	58134	5.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
12) 1,1-Dichloroethene	2.111	96	1179	0.094	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	1680	0.130	ug/L	95
25) Chloroform	4.378	83	2757	0.118	ug/L	81
34) Trichloroethene	5.915	95	77546	5.797	ug/L	96
35) Methylcyclohexane	6.069	83	16049	0.743	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7227	0.606	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	1027	0.078	ug/L	100
61) 1,2,3-Trichloropropane	11.246	75	9179	1.573	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.644	75	179	0.179	ug/L #	7
69) 1,3,5-Trichlorobenzene	12.648	180	1241	0.078	ug/L #	94
70) 1,2,4-trichlorobenzene	13.265	180	1532	0.122	ug/L	98
71) Naphthalene	13.506	128	4532	0.212	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.747	180	1550	0.148	ug/L	94

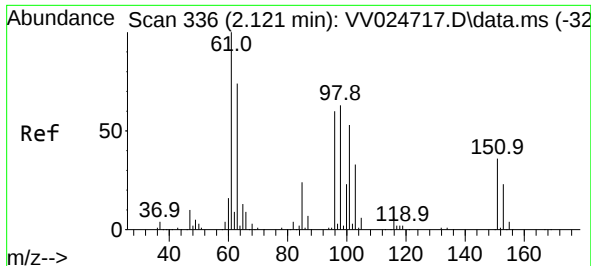
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 22 03:27:30 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.009 min

Lab File: VV024798.D

Acq: 22 Feb 2022 15:32

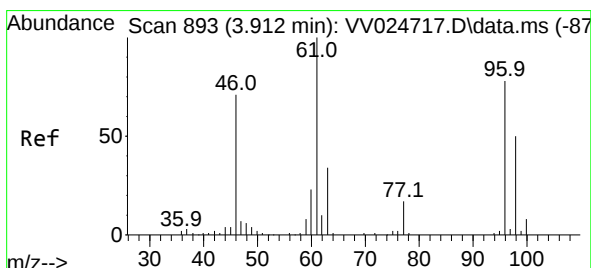
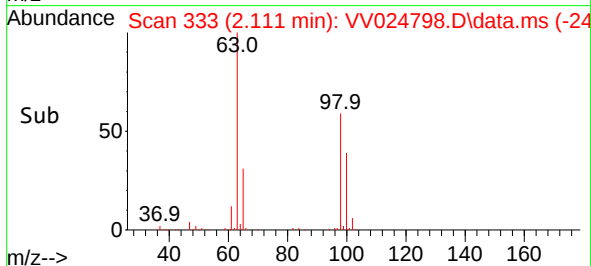
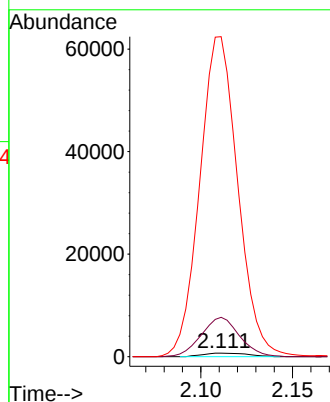
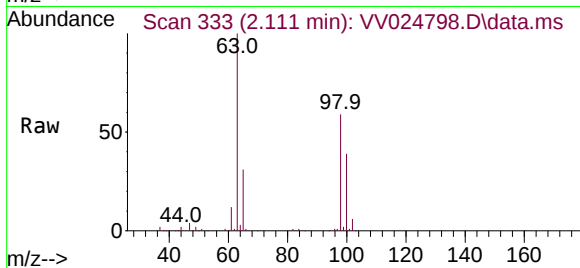
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1179

Ion	Ratio	Lower	Upper
96	100		
61	1108.6	116.3	216.1#
63	8994.8	86.0	159.6#



#22

cis-1,2-Dichloroethene

Concen: 0.130 ug/L

RT: 3.912 min Scan# 893

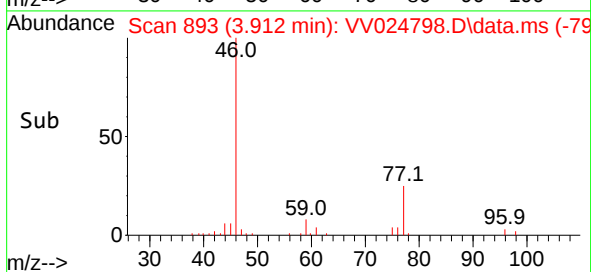
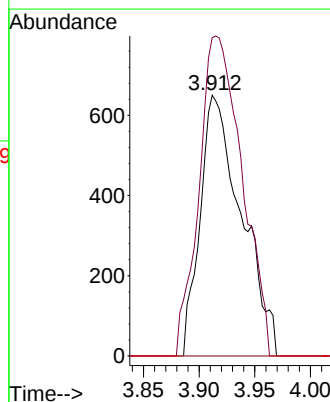
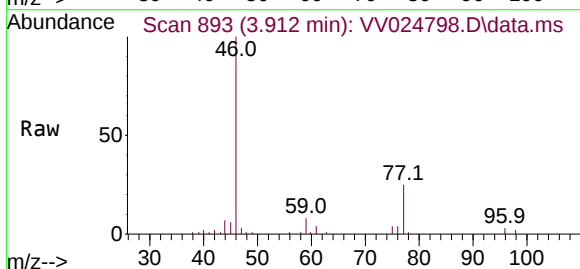
Delta R.T. 0.007 min

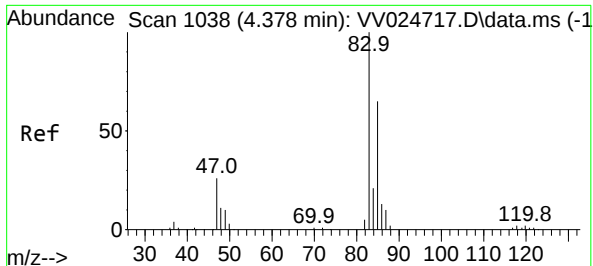
Lab File: VV024798.D

Acq: 22 Feb 2022 15:32

Tgt Ion: 96 Resp: 1680

Ion	Ratio	Lower	Upper
96	100		
61	122.2	89.7	166.5
68	0.0	0.0	0.0

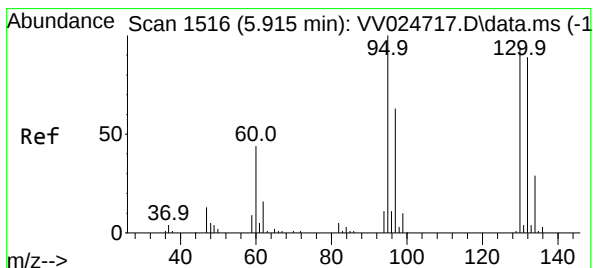
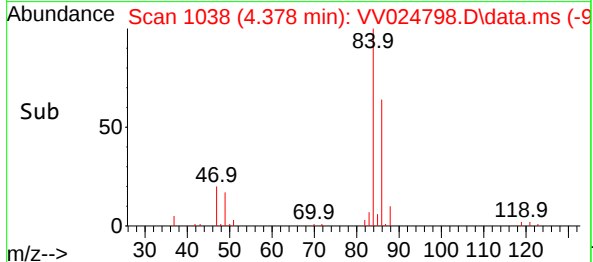
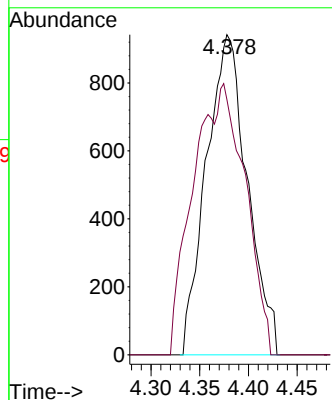
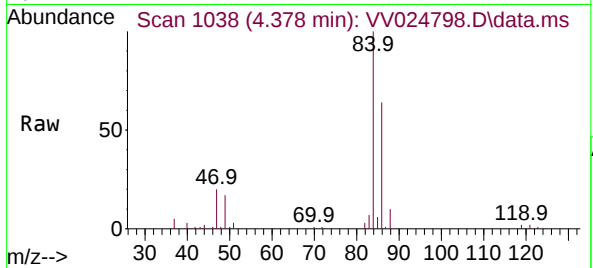




#25
Chloroform
Concen: 0.118 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV024798.D
Acq: 22 Feb 2022 15:32

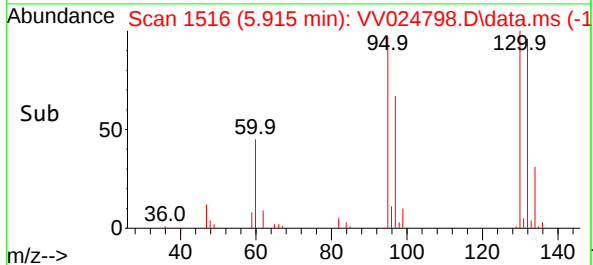
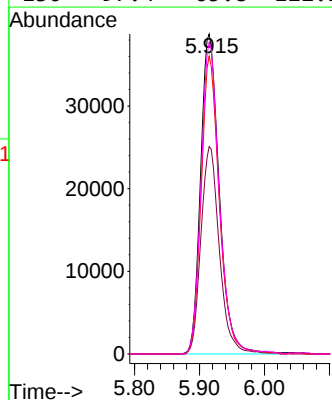
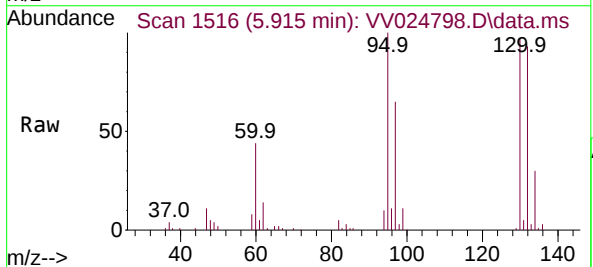
Instrument :
MSVOA_V
ClientSampleId :

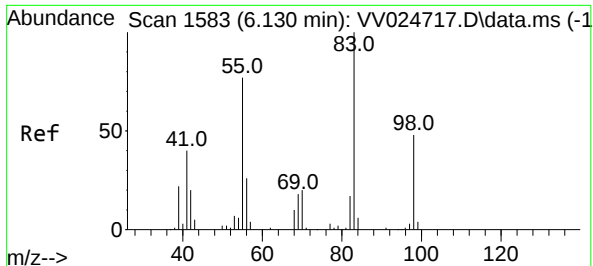
Tgt Ion: 83 Resp: 2757
Ion Ratio Lower Upper
83 100
85 79.7 45.5 84.5



#34
Trichloroethene
Concen: 5.797 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024798.D
Acq: 22 Feb 2022 15:32

Tgt Ion: 95 Resp: 77546
Ion Ratio Lower Upper
95 100
97 64.8 44.2 82.0
132 93.1 62.1 115.3
130 97.4 65.8 122.2





#35

Methylcyclohexane

Concen: 0.743 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024798.D

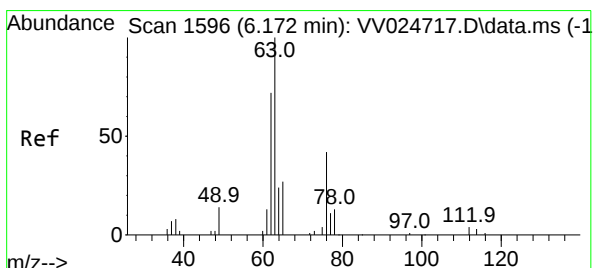
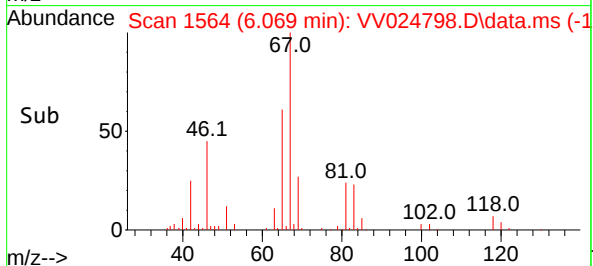
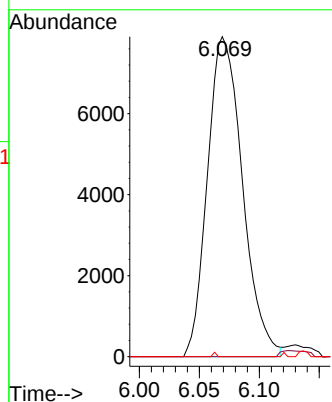
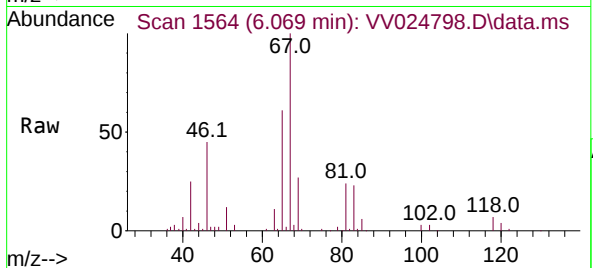
Acq: 22 Feb 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	16049
Ion	Ratio	Lower	Upper
83	100		
55	1.4	58.8	88.2#
98	0.4	38.6	58.0#



#37

1,2-Dichloropropane

Concen: 0.606 ug/L

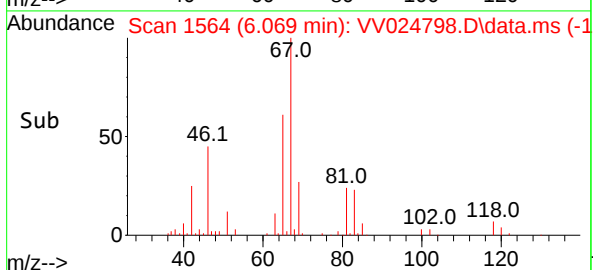
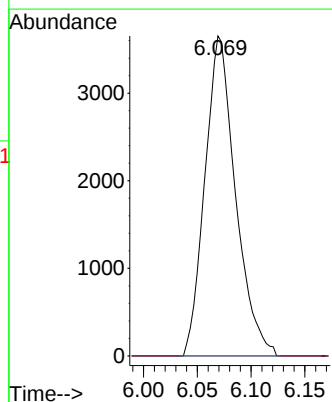
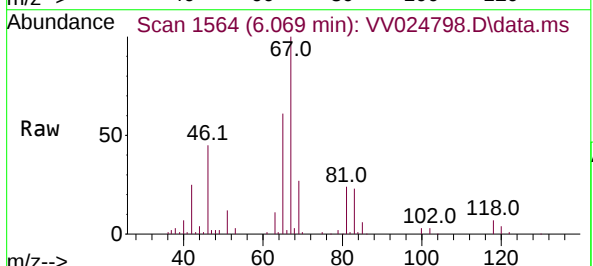
RT: 6.069 min Scan# 1564

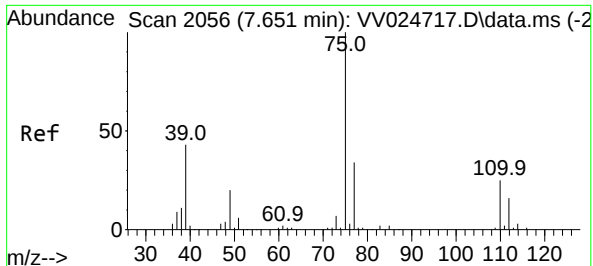
Delta R.T. -0.099 min

Lab File: VV024798.D

Acq: 22 Feb 2022 15:32

Tgt Ion:	63	Resp:	7227
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

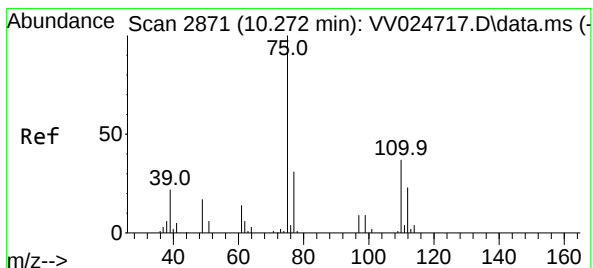
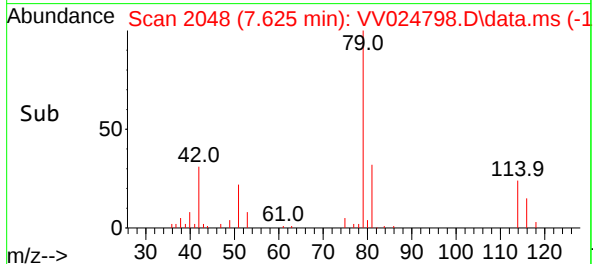
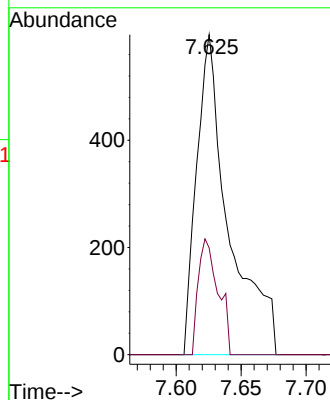
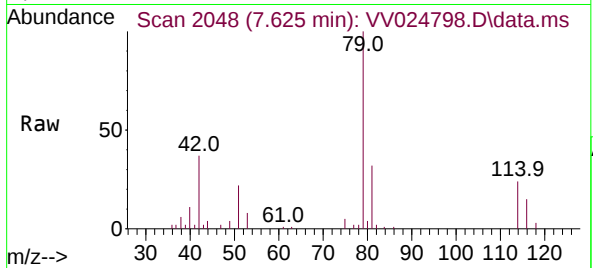




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.022 min
Lab File: VV024798.D
Acq: 22 Feb 2022 15:32

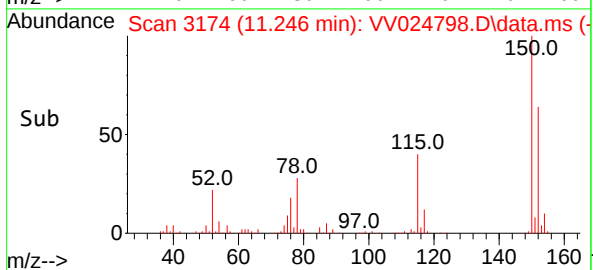
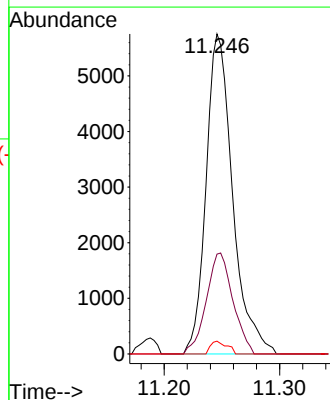
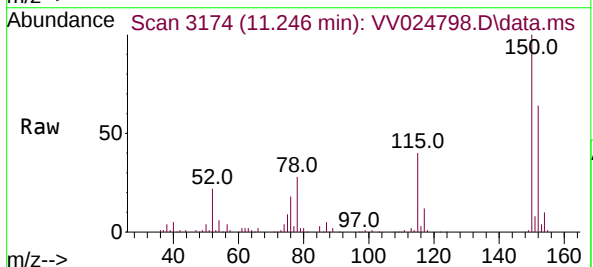
Instrument :
MSVOA_V
ClientSampleId :

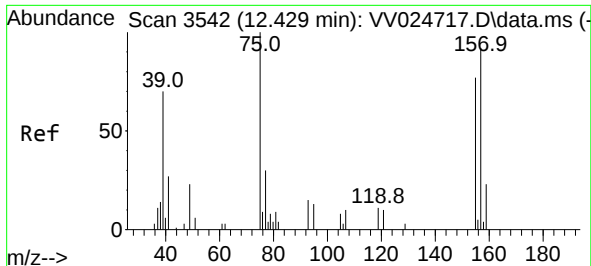
Tgt Ion: 75 Resp: 1027
Ion Ratio Lower Upper
75 100
77 33.3 23.5 43.7



#61
1,2,3-Trichloropropane
Concen: 1.573 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.978 min
Lab File: VV024798.D
Acq: 22 Feb 2022 15:32

Tgt Ion: 75 Resp: 9179
Ion Ratio Lower Upper
75 100
77 31.6 26.3 39.5
110 2.5 30.3 45.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.179 ug/L

RT: 12.644 min Scan# 3

Delta R.T. 0.219 min

Lab File: VV024798.D

Acq: 22 Feb 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

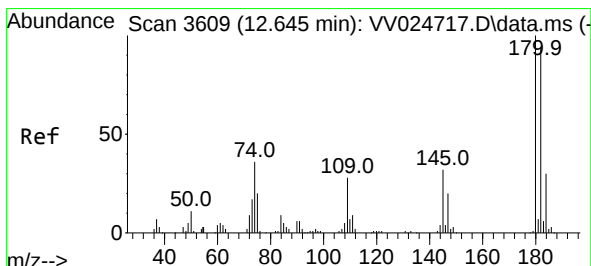
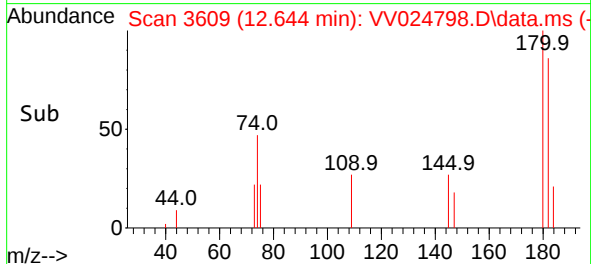
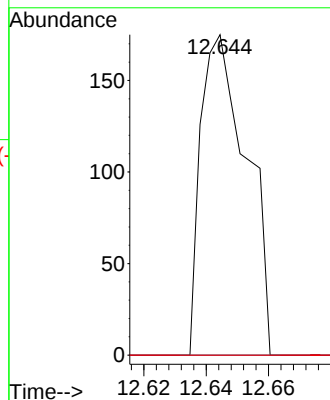
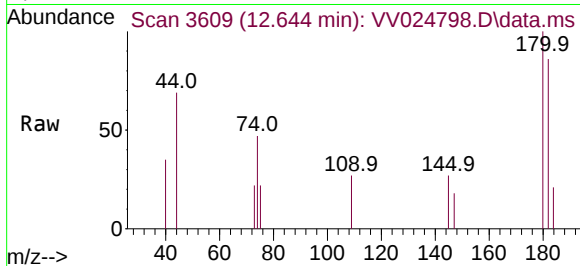
Tgt Ion: 75 Resp: 179

Ion Ratio Lower Upper

75 100

155 0.0 61.7 92.5#

157 0.0 73.5 110.3#



#69

1,3,5-Trichlorobenzene

Concen: 0.078 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.007 min

Lab File: VV024798.D

Acq: 22 Feb 2022 15:32

Tgt Ion:180 Resp: 1241

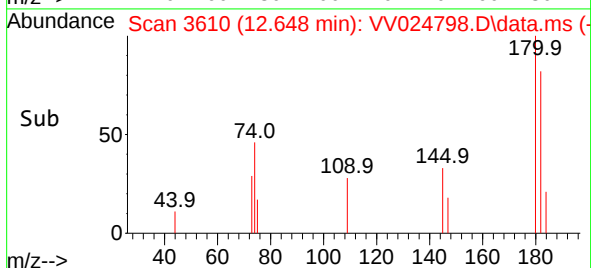
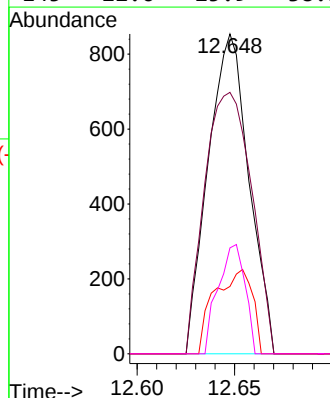
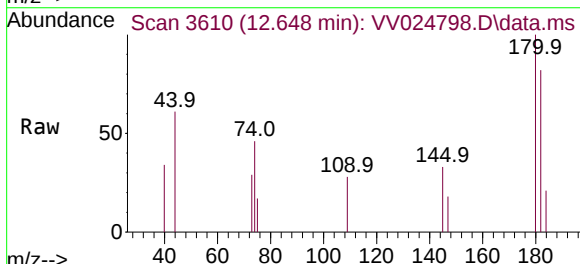
Ion Ratio Lower Upper

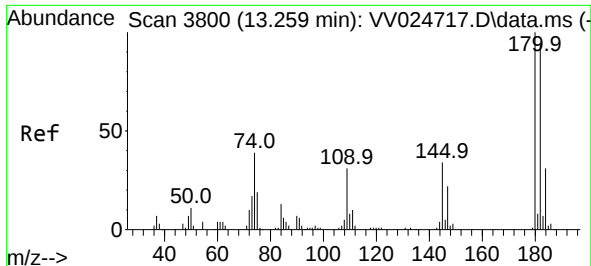
180 100

182 94.7 74.6 111.8

184 24.4 23.8 35.8

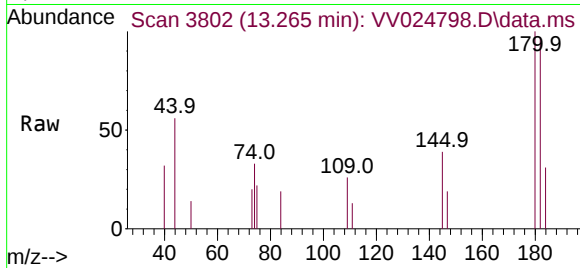
145 22.6 25.9 38.9#



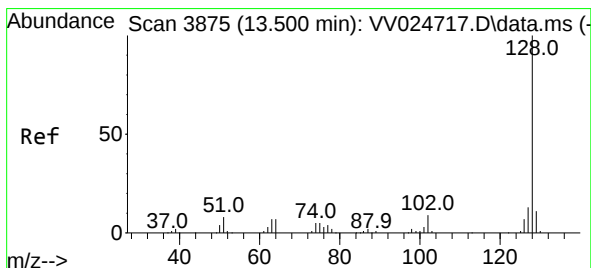
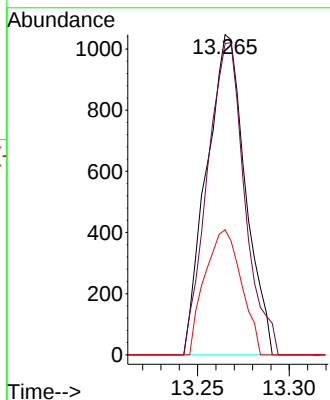
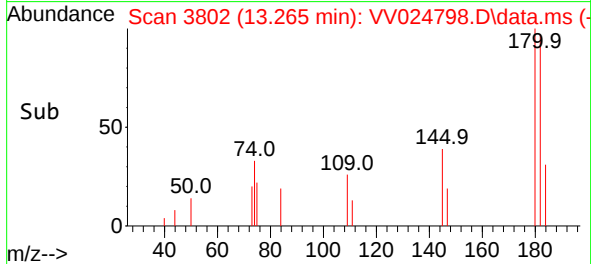


#70
1,2,4-trichlorobenzene
Concen: 0.122 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.007 min
Lab File: VV024798.D
Acq: 22 Feb 2022 15:32

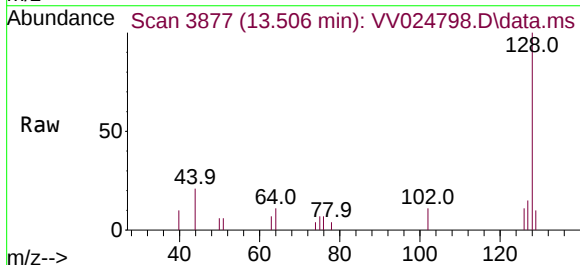
Instrument :
MSVOA_V
ClientSampleId :



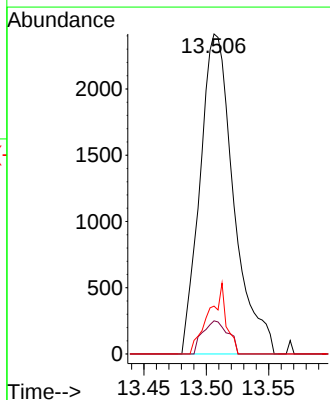
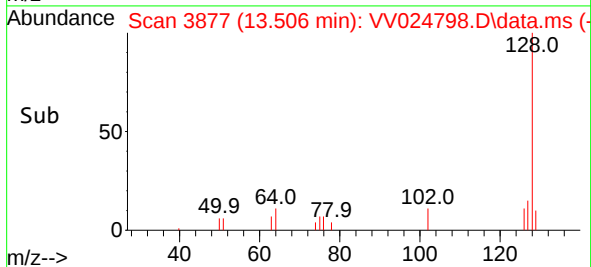
Tgt Ion:180 Resp: 1532
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.6
145 36.9 26.9 40.3

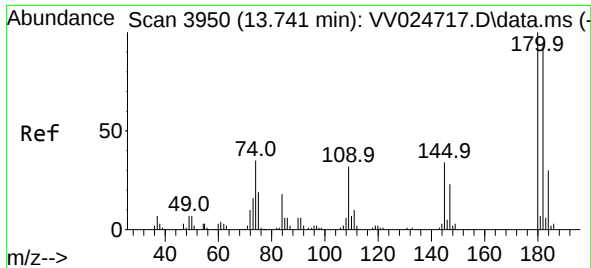


#71
Naphthalene
Concen: 0.212 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV024798.D
Acq: 22 Feb 2022 15:32



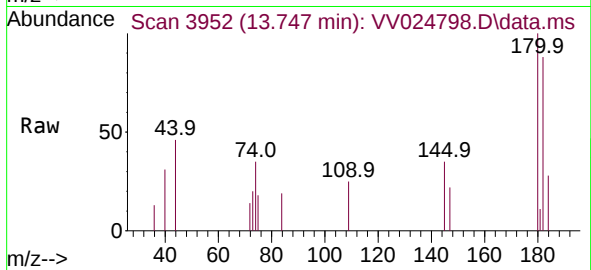
Tgt Ion:128 Resp: 4532
Ion Ratio Lower Upper
128 100
129 7.8 8.4 12.6#
127 11.7 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.148 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.007 min
 Lab File: VV024798.D
 Acq: 22 Feb 2022 15:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1550
Ion	Ratio	Lower	Upper
180	100		
182	102.5	75.6	113.4
145	34.8	28.5	42.7

