

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092421\
 Data File : VV022324.D
 Acq On : 24 Sep 2021 18:18
 Operator : SY/MD
 Sample : M3878-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:33:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

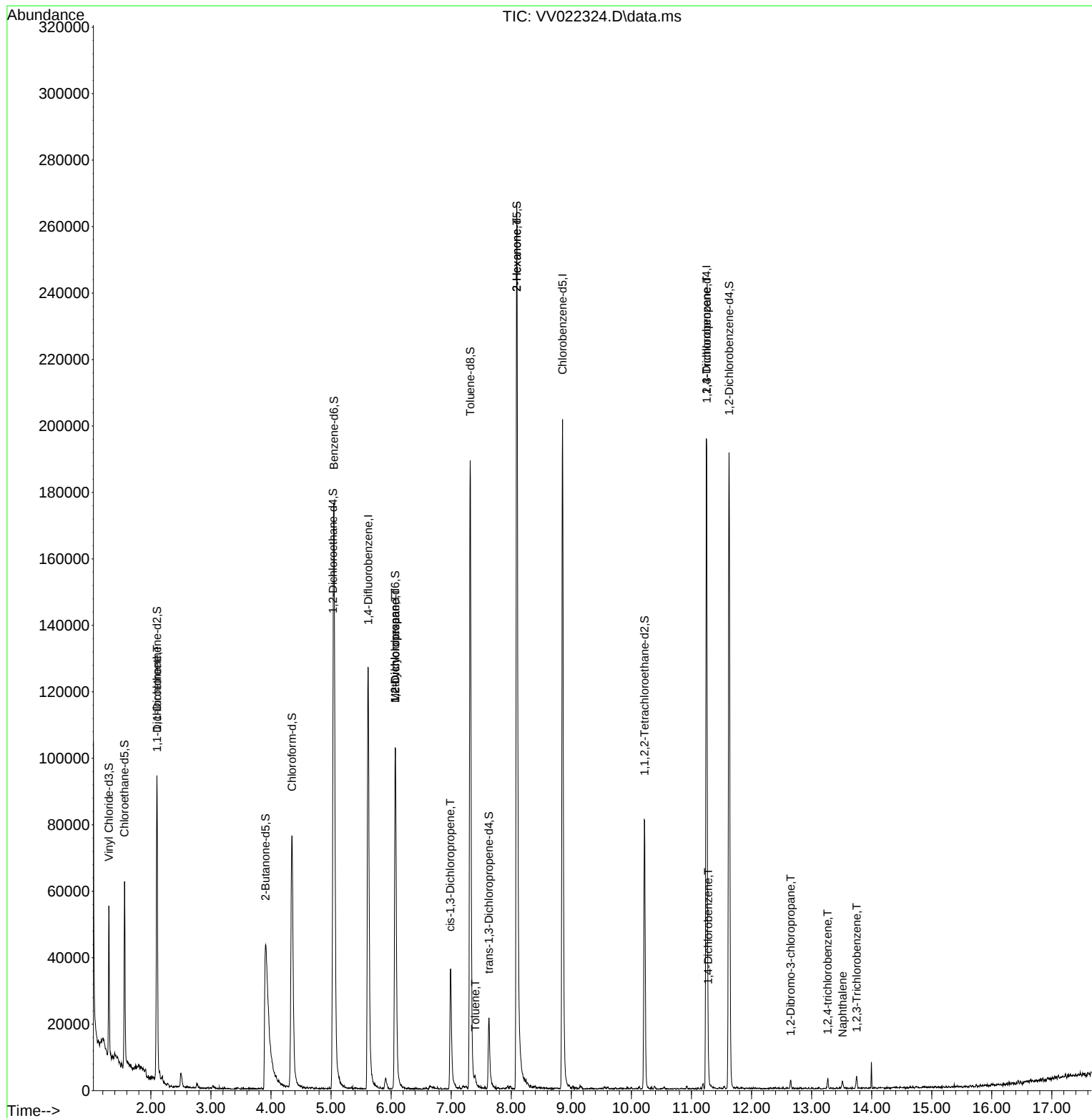
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26012	4.349	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.561	69	33523	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.101	63	46272	3.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.908	46	130227	53.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.580%
24) Chloroform-d	4.349	84	81823	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.034	65	40319	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.050	84	160717	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	52066	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.317	98	129682	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.629	79	12867	4.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.092	63	102321	52.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.620%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	39007	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	52169	5.243	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.105	96	440	0.066	ug/L #	1
35) Methylcyclohexane	6.069	83	12571	1.014	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5860	0.759	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1191	0.117	ug/L	89
42) Toluene	7.400	91	2517	0.078	ug/L	79
48) 2-Hexanone	8.092	43	11014	3.152	ug/L #	67
61) 1,2,3-Trichloropropane	11.252	75	6425	1.397	ug/L #	65
65) 1,4-Dichlorobenzene	11.278	146	930	0.063	ug/L	86
68) 1,2-Dibromo-3-chloropr...	12.651	75	109	0.119	ug/L #	1
70) 1,2,4-trichlorobenzene	13.268	180	1159	0.132	ug/L	86
71) Naphthalene	13.516	128	2251	0.141	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.750	180	1244	0.151	ug/L #	93

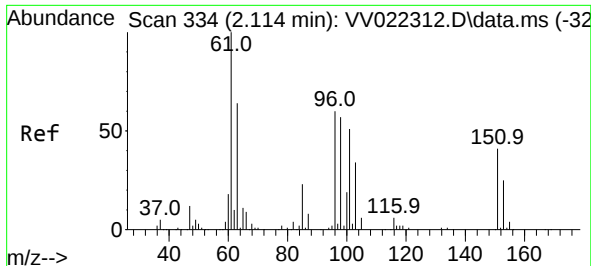
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 25 04:30:06 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

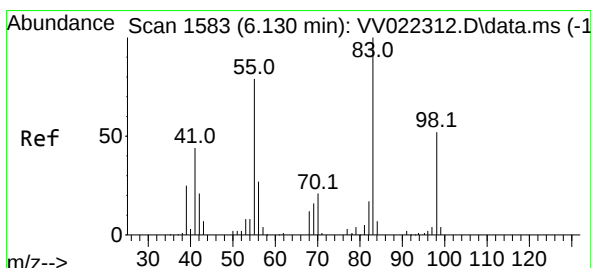
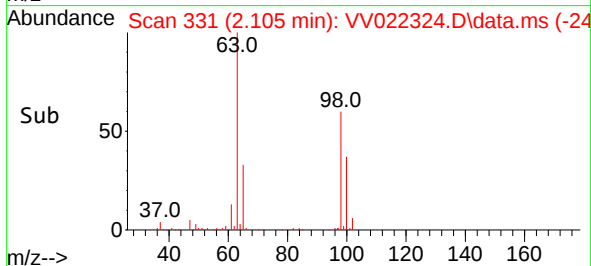
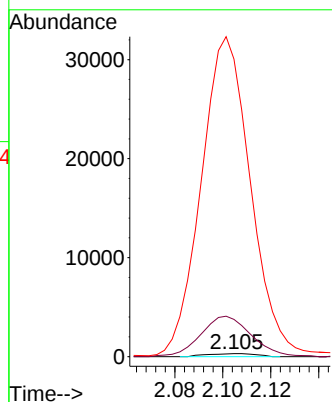
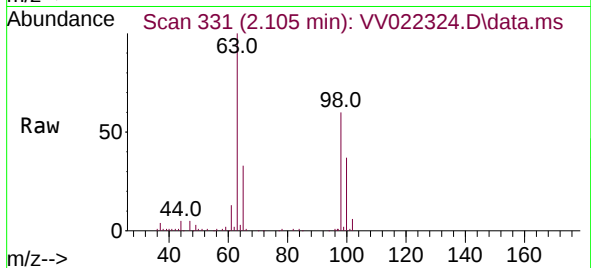
Lab File: VV022324.D

Acq: 24 Sep 2021 18:18

Tgt Ion: 96 Resp: 440

Ion	Ratio	Lower	Upper
96	100		
61	1240.8	127.4	236.6#
63	9886.8	100.0	185.6#

Instrument :
MSVOA_V
ClientSampled :



#35

Methylcyclohexane

Concen: 1.014 ug/L

RT: 6.069 min Scan# 1564

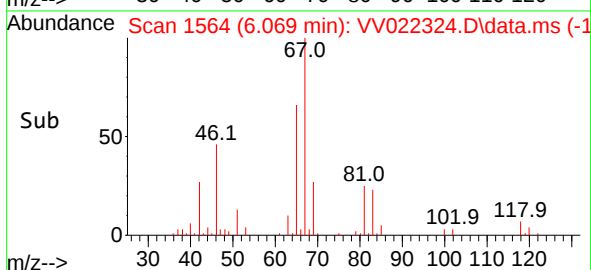
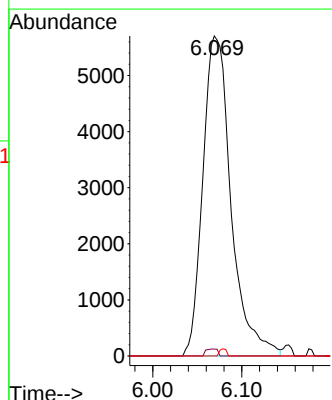
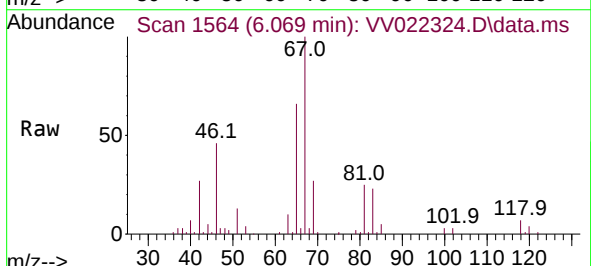
Delta R.T. -0.061 min

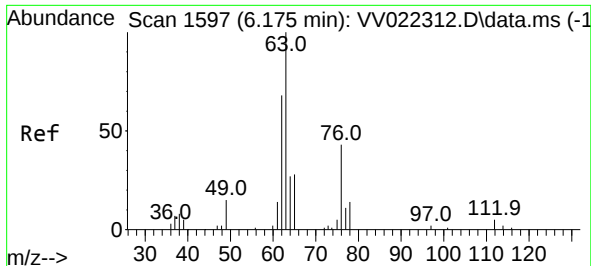
Lab File: VV022324.D

Acq: 24 Sep 2021 18:18

Tgt Ion: 83 Resp: 12571

Ion	Ratio	Lower	Upper
83	100		
55	0.9	60.2	90.2#
98	0.5	39.5	59.3#



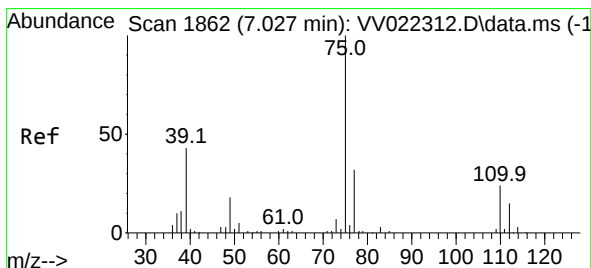
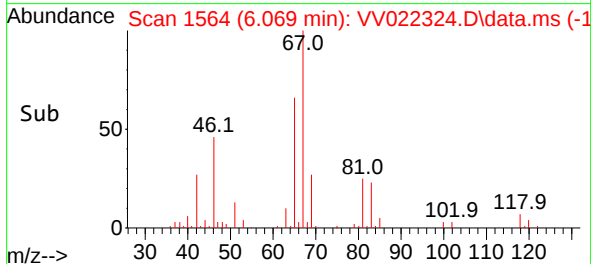
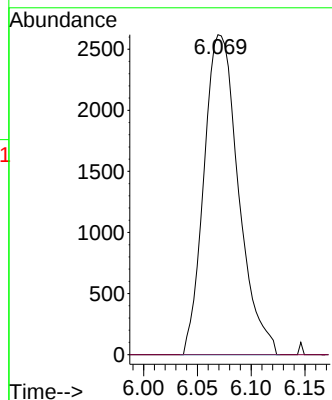
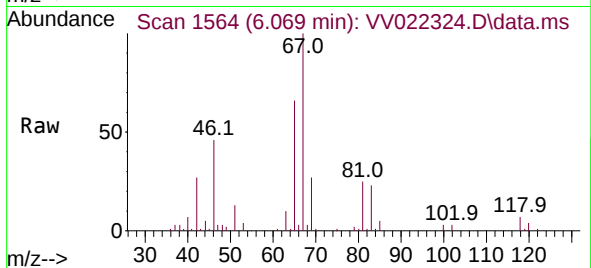


#37

1,2-Dichloropropane
Concen: 0.759 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

Instrument :
MSVOA_V
ClientSampled :

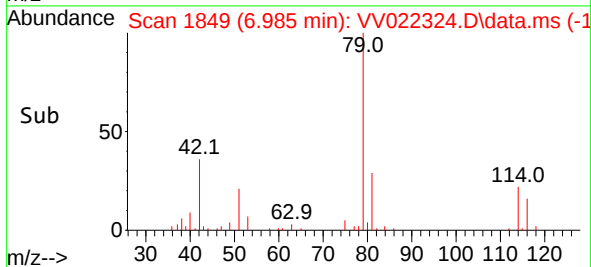
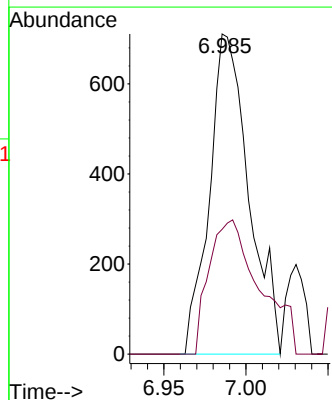
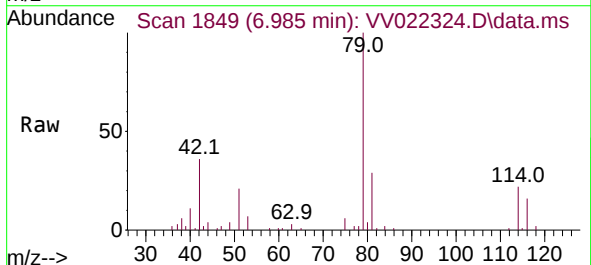
Tgt Ion: 63 Resp: 5860
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#

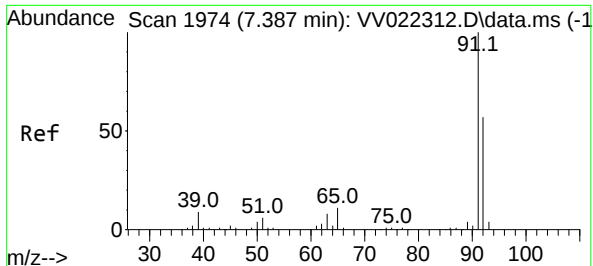


#39

cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

Tgt Ion: 75 Resp: 1191
Ion Ratio Lower Upper
75 100
77 39.0 22.8 42.4

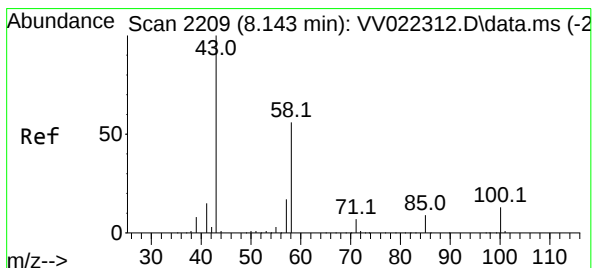
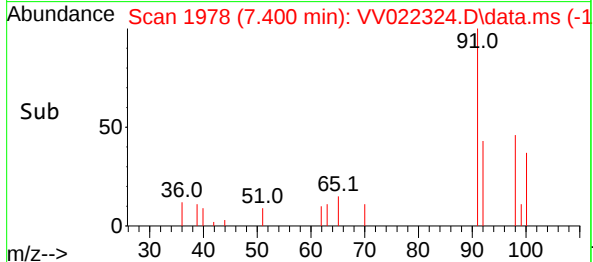
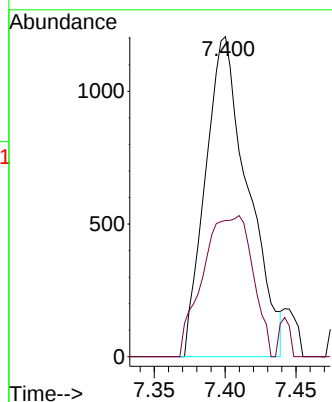
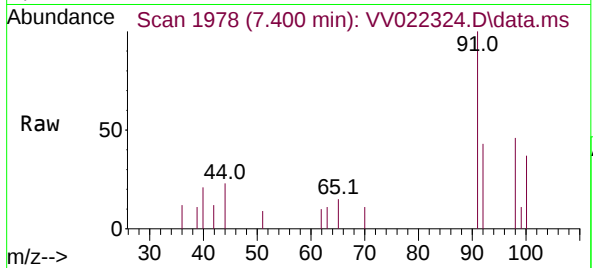




#42
Toluene
Concen: 0.078 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

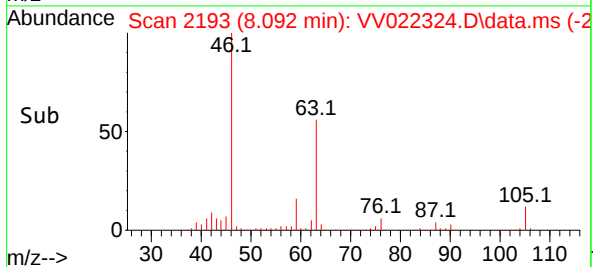
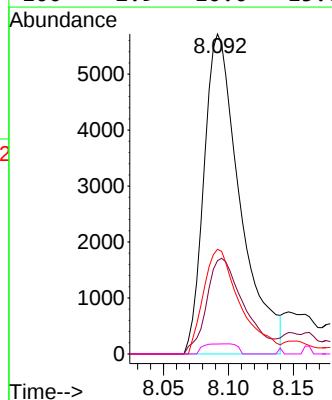
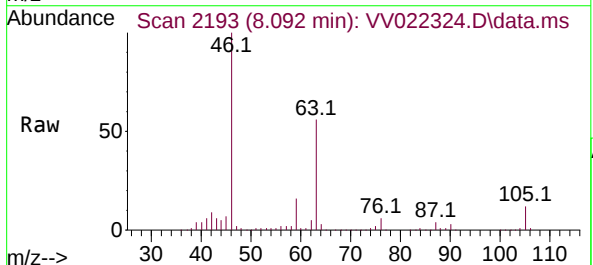
Instrument :
MSVOA_V
ClientSampled :

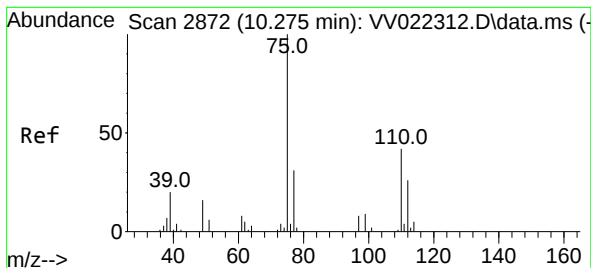
Tgt Ion: 91 Resp: 2517
Ion Ratio Lower Upper
91 100
92 42.5 40.6 75.4



#48
2-Hexanone
Concen: 3.152 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

Tgt Ion: 43 Resp: 11014
Ion Ratio Lower Upper
43 100
58 30.8 44.1 66.1#
57 33.6 14.2 21.4#
100 2.9 10.0 15.0#





#61

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.252 min Scan# 3176

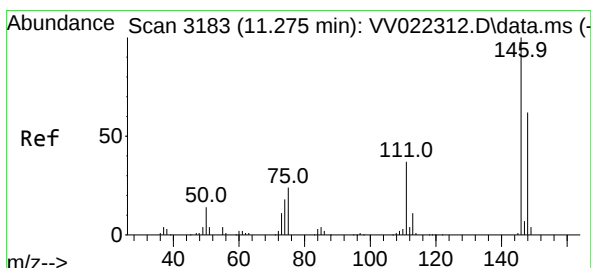
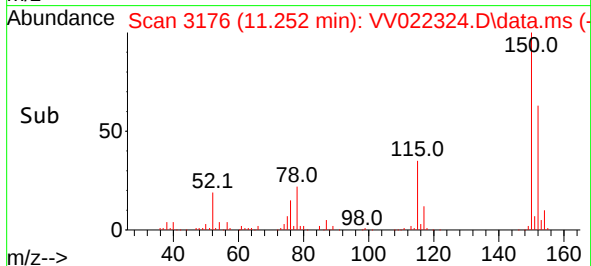
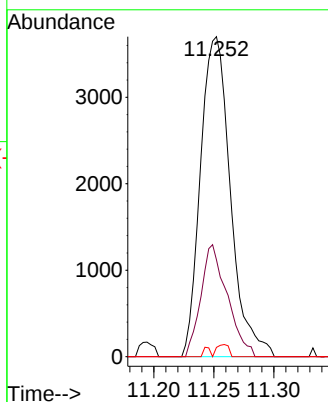
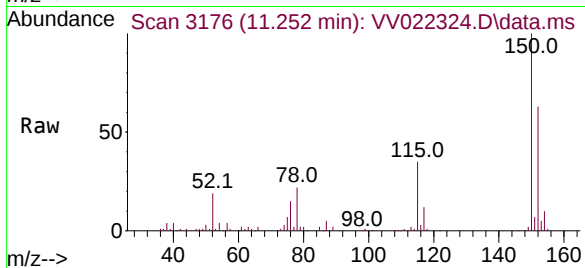
Delta R.T. 0.978 min

Lab File: VV022324.D

Acq: 24 Sep 2021 18:18

Tgt Ion: 75	Resp: 6425
Ion Ratio	Lower Upper
75 100	
77 30.9	25.5 38.3
110 1.5	31.7 47.5#

Instrument :
MSVOA_V
ClientSampled :



#65

1,4-Dichlorobenzene

Concen: 0.063 ug/L

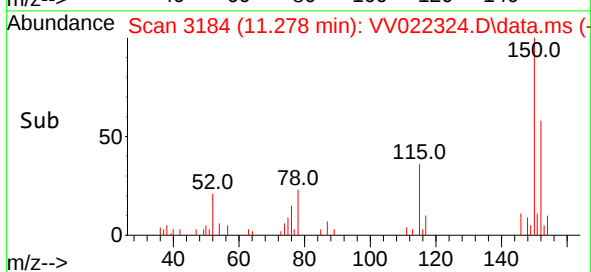
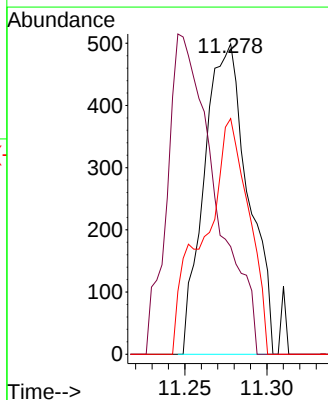
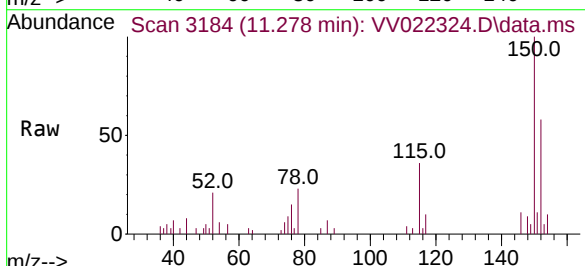
RT: 11.278 min Scan# 3184

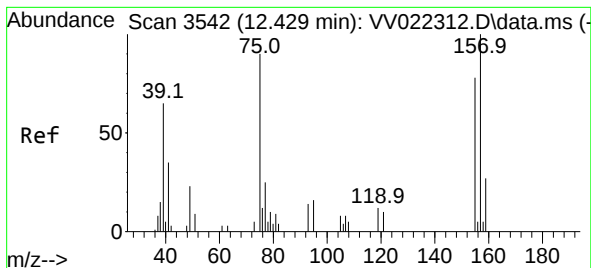
Delta R.T. 0.003 min

Lab File: VV022324.D

Acq: 24 Sep 2021 18:18

Tgt Ion: 146	Resp: 930
Ion Ratio	Lower Upper
146 100	
111 34.7	25.5 47.3
148 76.0	42.6 79.0

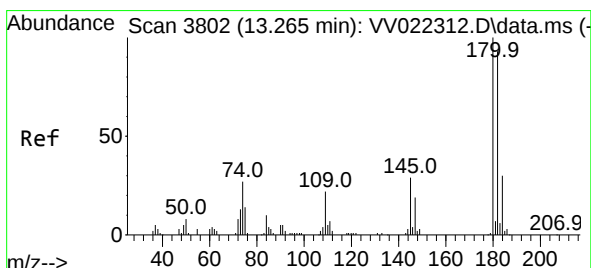
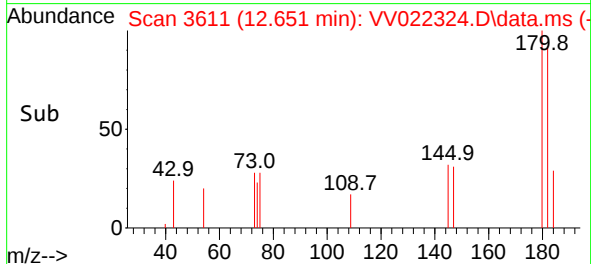
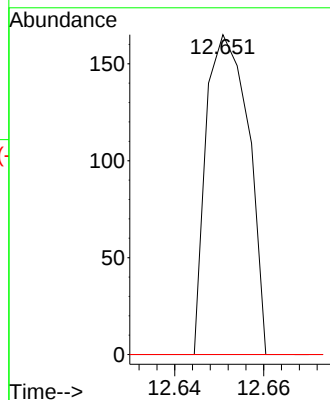
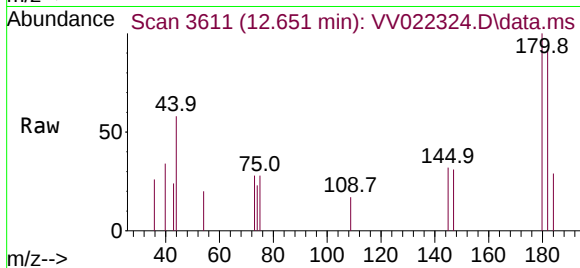




#68
1,2-Dibromo-3-chloropropane
Concen: 0.119 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.222 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

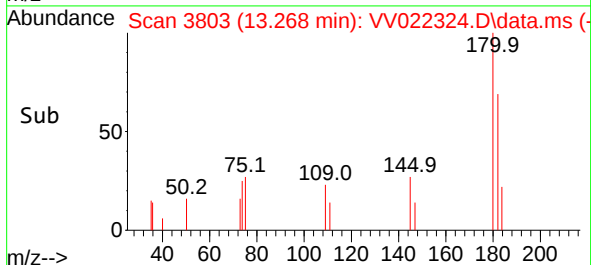
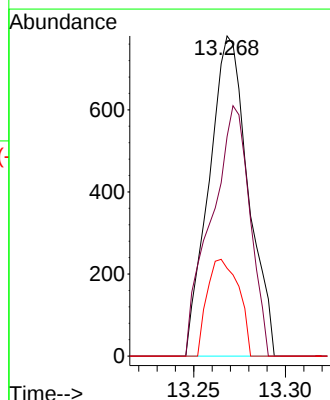
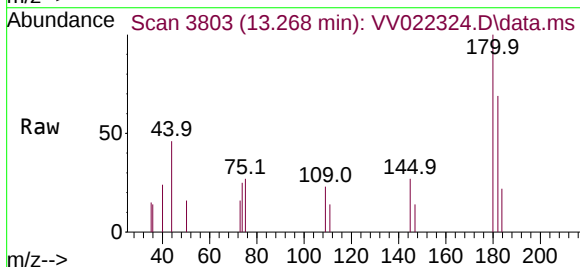
Instrument :
MSVOA_V
ClientSampled :

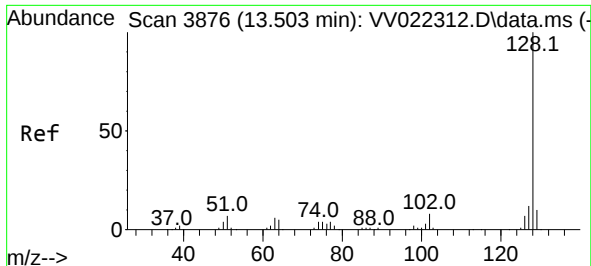
Tgt Ion: 75 Resp: 109
Ion Ratio Lower Upper
75 100
155 0.0 75.6 113.4#
157 0.0 92.6 139.0#



#70
1,2,4-trichlorobenzene
Concen: 0.132 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.003 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

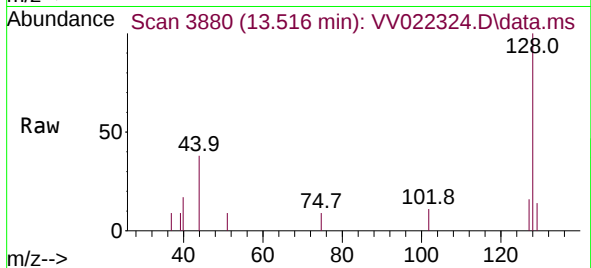
Tgt Ion:180 Resp: 1159
Ion Ratio Lower Upper
180 100
182 77.0 73.1 109.7
145 24.2 23.6 35.4



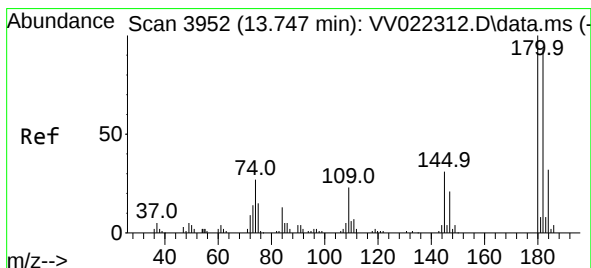
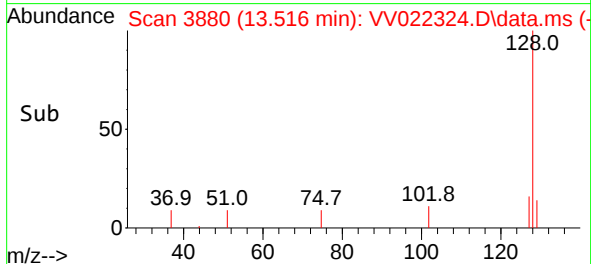
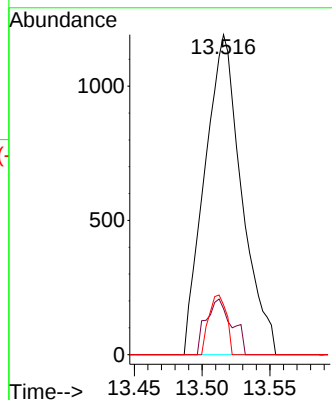


#71
Naphthalene
Concen: 0.141 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.013 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18

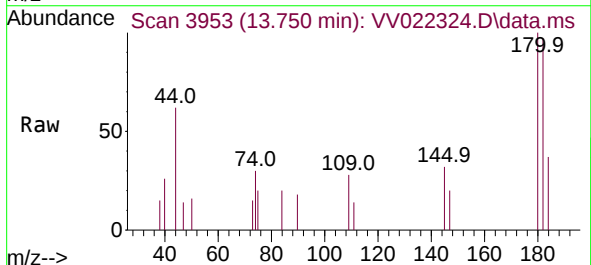
Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 2251
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 8.8 9.9 14.9#



#72
1,2,3-Trichlorobenzene
Concen: 0.151 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.003 min
Lab File: VV022324.D
Acq: 24 Sep 2021 18:18



Tgt Ion:180 Resp: 1244
Ion Ratio Lower Upper
180 100
182 91.8 76.9 115.3
145 24.3 26.0 39.0#

