

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101121\
 Data File : VV022723.D
 Acq On : 11 Oct 2021 12:41
 Operator : SY/MD
 Sample : M4022-21DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:40:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

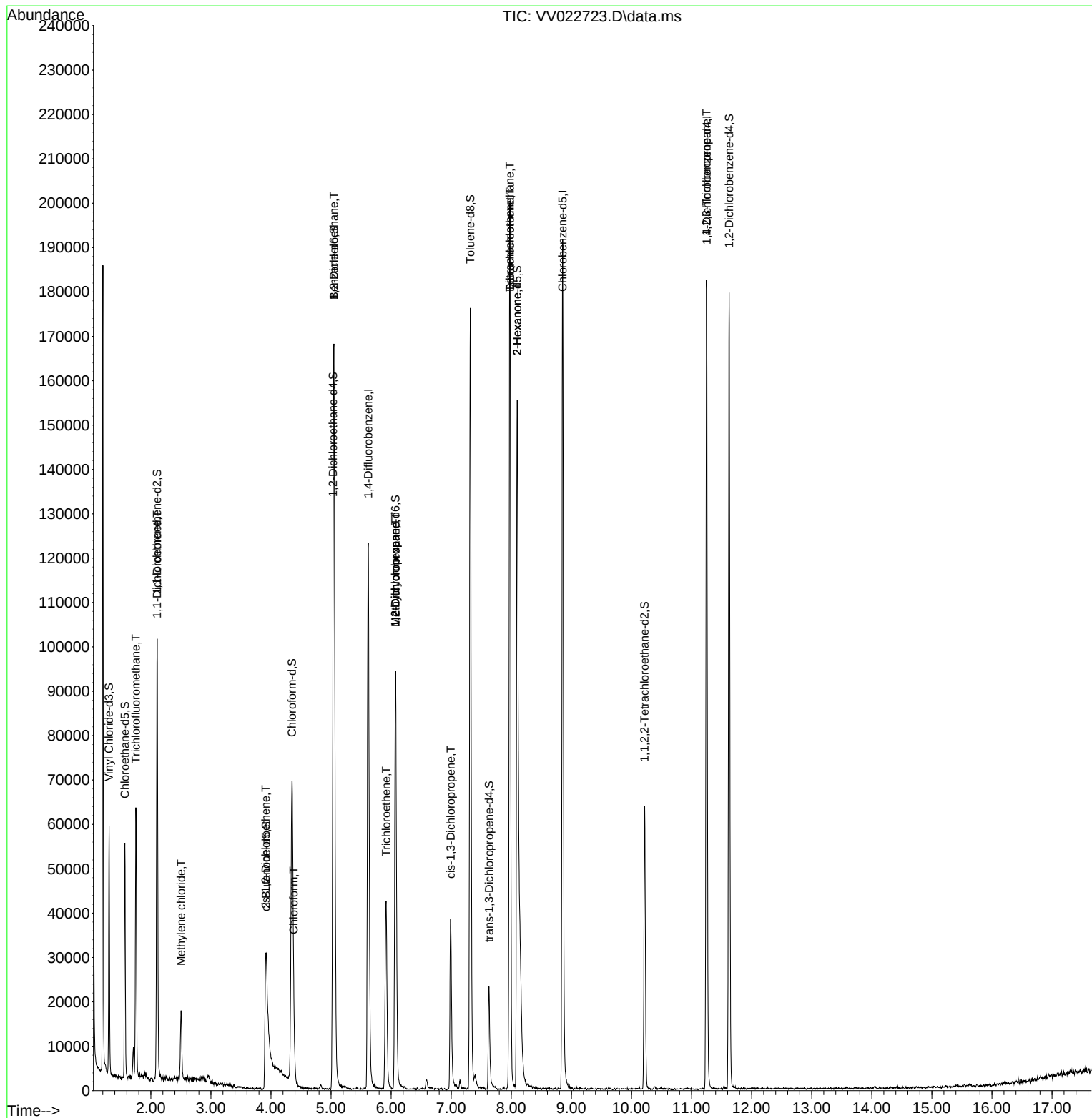
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34131	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	33615	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	51942	3.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.915	46	73638	37.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.300%
24) Chloroform-d	4.349	84	69513	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	37490	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	143340	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.072	67	47228	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	117637	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	14193	4.349	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.098	63	66369	50.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	31561	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	47633	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	33943	2.824	ug/L	99
12) 1,1-Dichloroethene	2.101	96	494	0.075	ug/L #	1
16) Methylene chloride	2.503	84	5702	0.633	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	1403	0.188	ug/L	88
25) Chloroform	4.378	83	9560	0.643	ug/L	97
27) 1,2-Dichloroethane	5.047	62	787	0.106	ug/L #	69
34) Trichloroethene	5.915	95	14265	1.745	ug/L	94
35) Methylcyclohexane	6.072	83	12175	1.063	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5148	0.712	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1094	0.114	ug/L #	71
47) Tetrachloroethene	7.976	164	46799	7.080	ug/L	98
48) 2-Hexanone	8.098	43	7358	2.591	ug/L #	70
49) Dibromochloromethane	7.976	129	40582	6.463	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5473	1.569	ug/L #	63

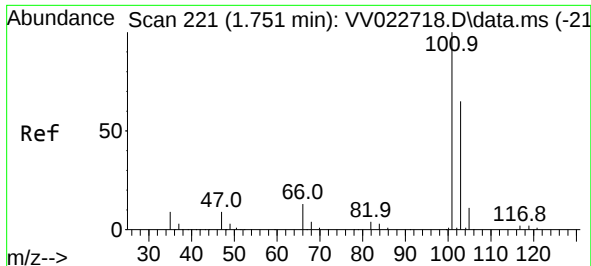
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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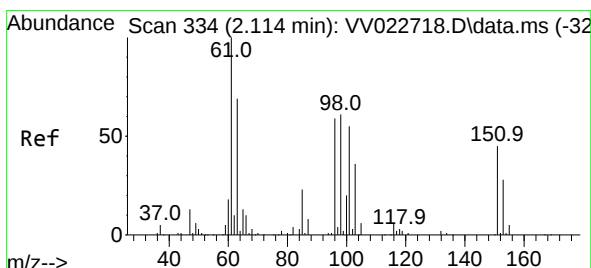
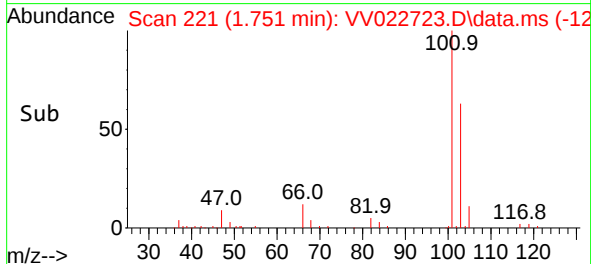
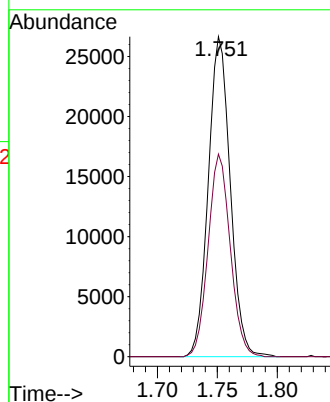
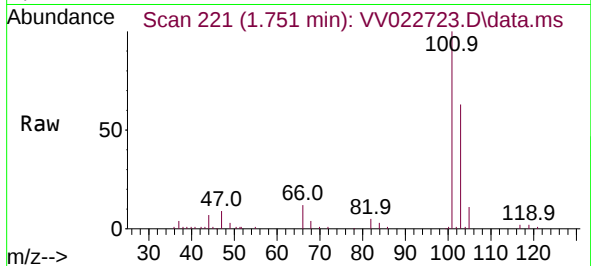




#9
Trichlorofluoromethane
Concen: 2.824 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

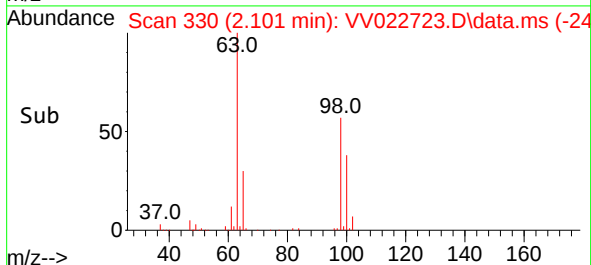
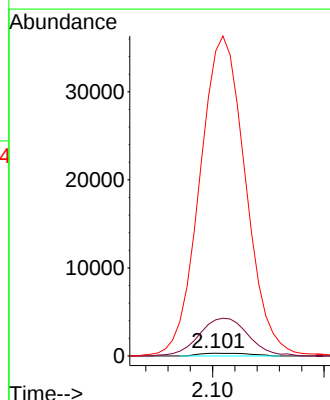
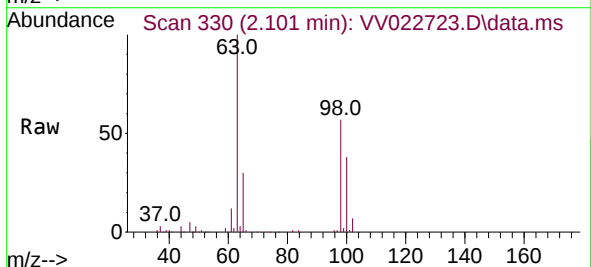
Instrument :
MSVOA_V
ClientSampled :

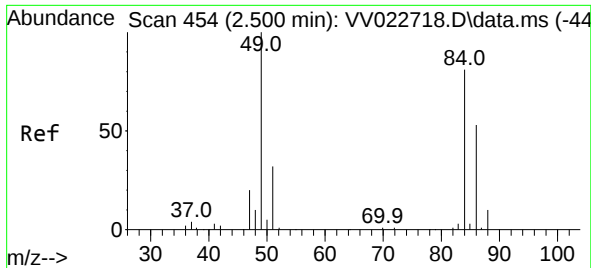
Tgt Ion:101 Resp: 33943
Ion Ratio Lower Upper
101 100
103 63.7 50.3 75.5



#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 96 Resp: 494
Ion Ratio Lower Upper
96 100
61 1347.9 127.3 236.5#
63 11354.8 106.2 197.2#

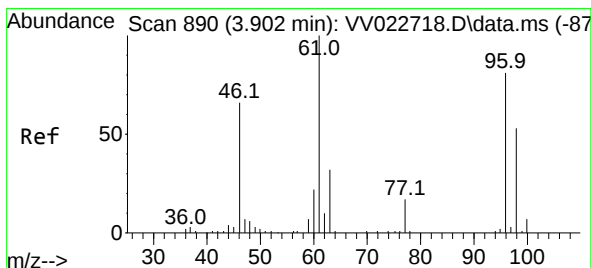
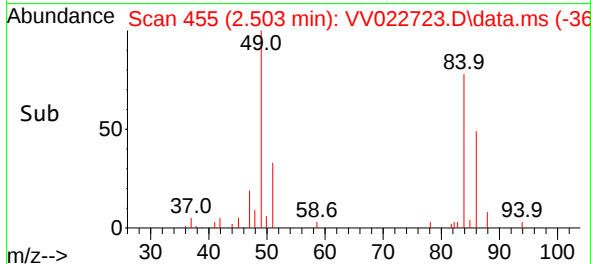
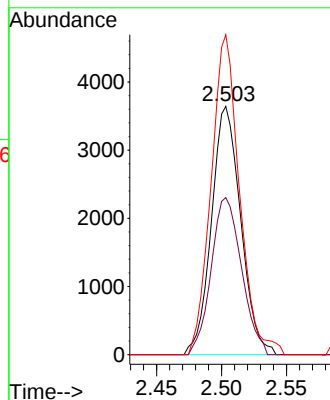
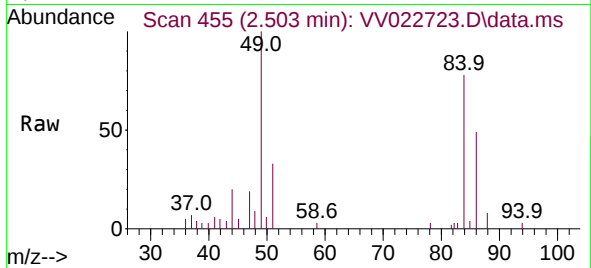




#16
Methylene chloride
Concen: 0.633 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

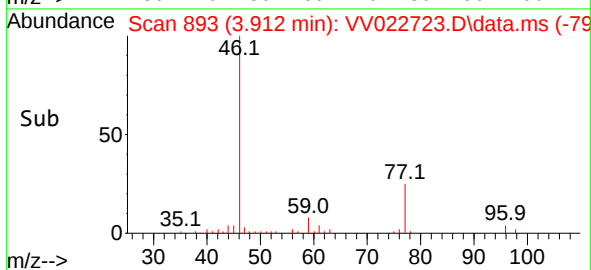
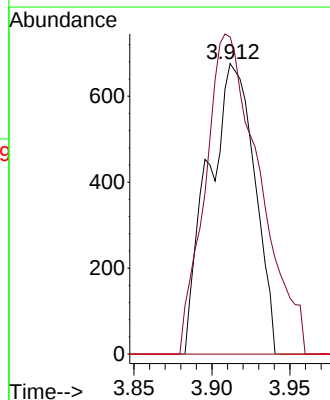
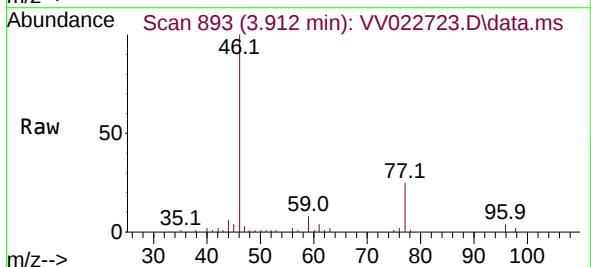
Instrument :
MSVOA_V
ClientSampled :

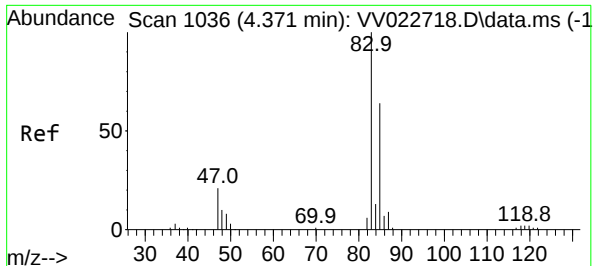
Tgt Ion: 84 Resp: 5702
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.2
49 128.8 90.3 167.7



#22
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 96 Resp: 1403
Ion Ratio Lower Upper
96 100
61 109.2 86.0 159.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.643 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022723.D

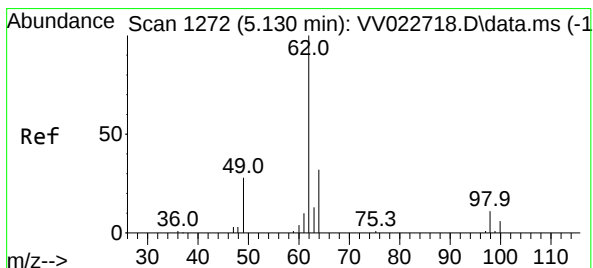
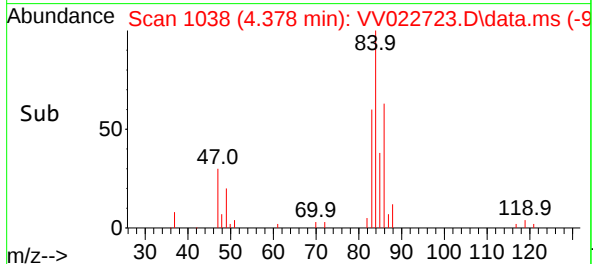
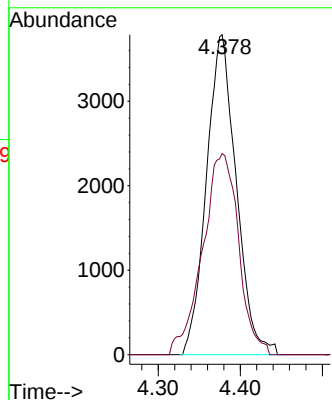
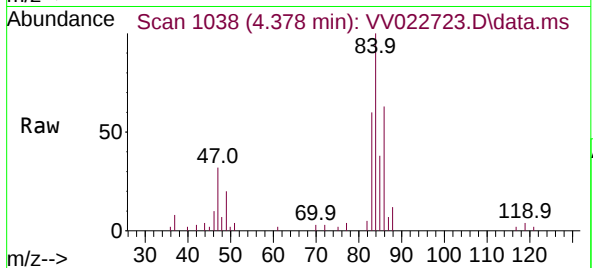
Acq: 11 Oct 2021 12:41

Tgt Ion: 83 Resp: 9560

Ion Ratio Lower Upper

83 100

85 62.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.084 min

Lab File: VV022723.D

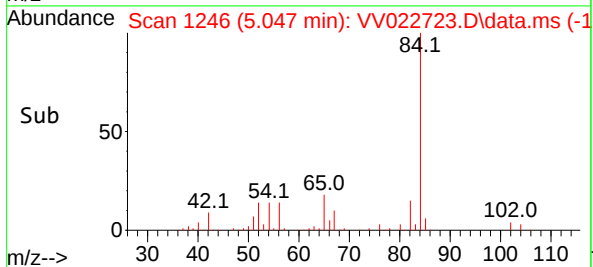
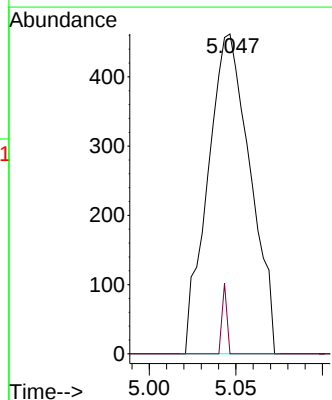
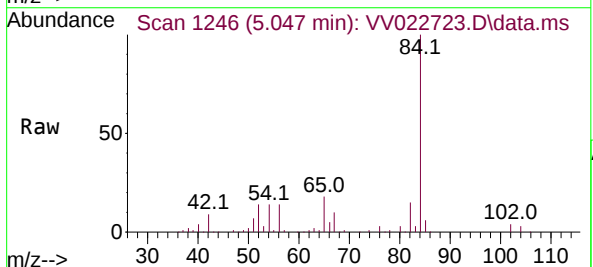
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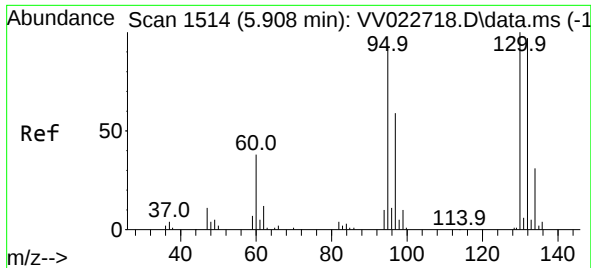
Tgt Ion: 62 Resp: 787

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#



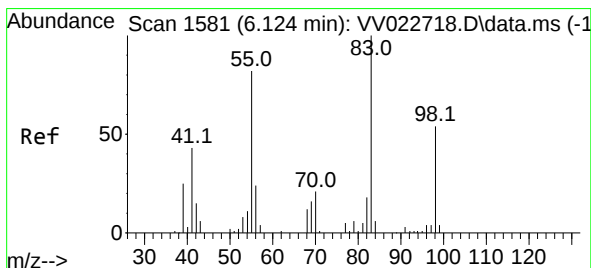
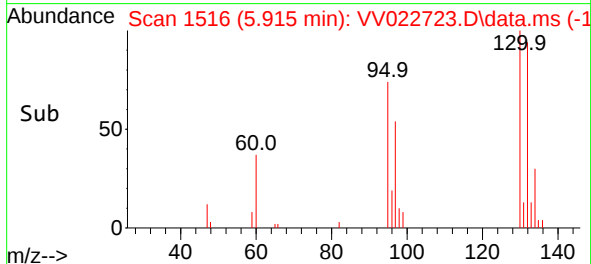
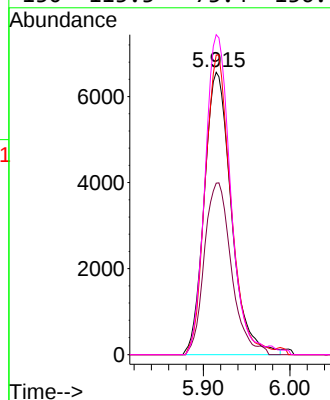
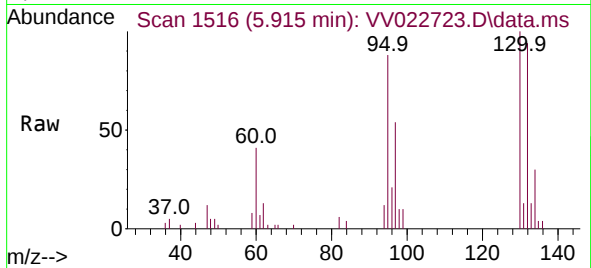


#34
Trichloroethene
Concen: 1.745 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 14265

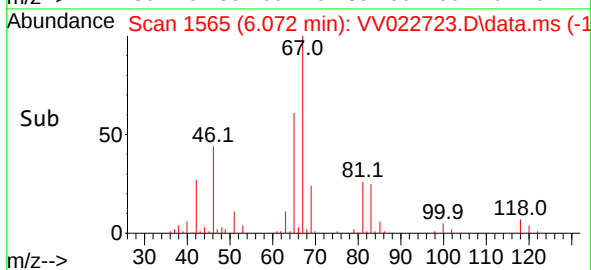
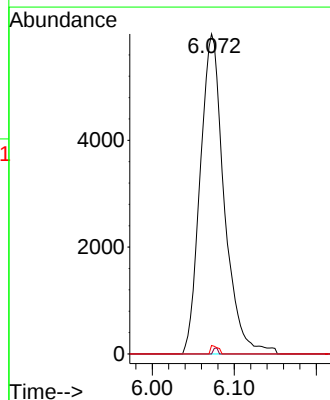
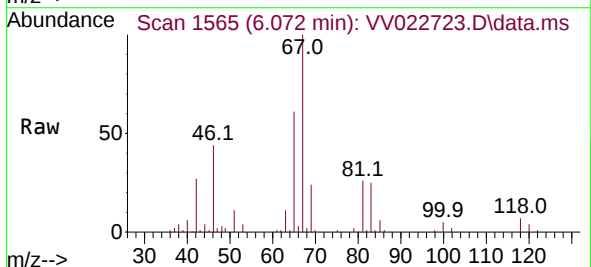
Ion	Ratio	Lower	Upper
95	100		
97	60.7	45.8	85.2
132	106.1	72.2	134.0
130	113.3	73.4	136.4

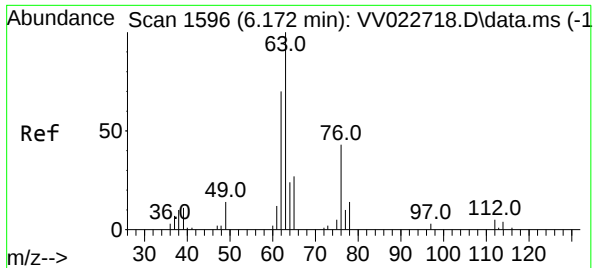


#35
Methylcyclohexane
Concen: 1.063 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 83 Resp: 12175

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.6#
98	0.8	42.1	63.1#

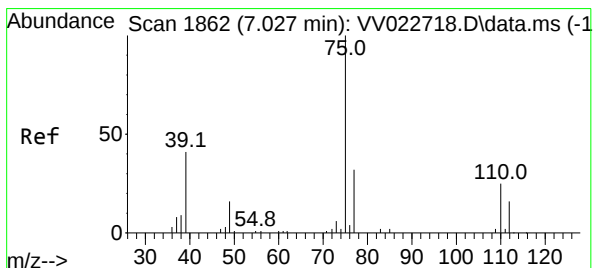
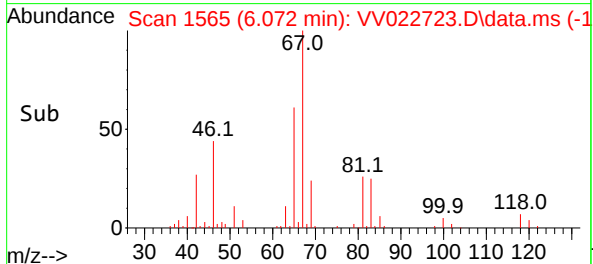
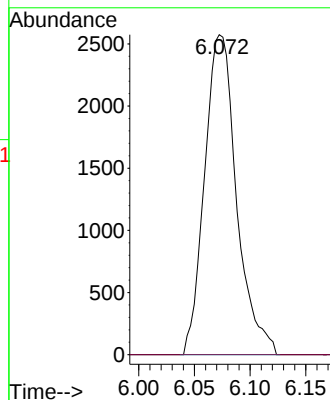
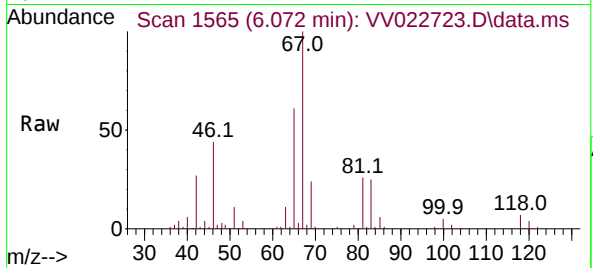




#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

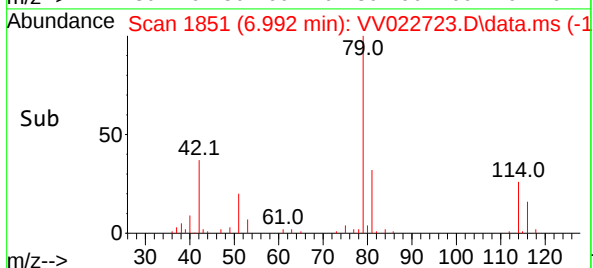
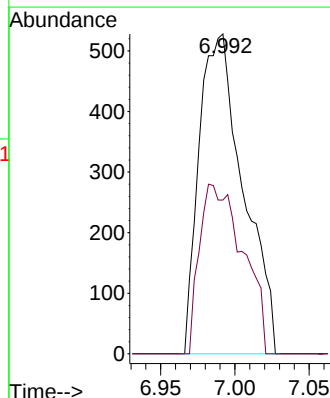
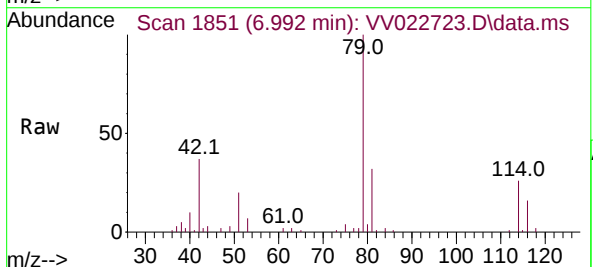
Instrument :
MSVOA_V
ClientSampled :

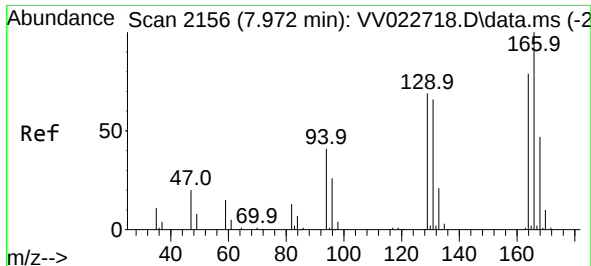
Tgt Ion: 63 Resp: 5148
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 75 Resp: 1094
Ion Ratio Lower Upper
75 100
77 48.1 22.3 41.3#



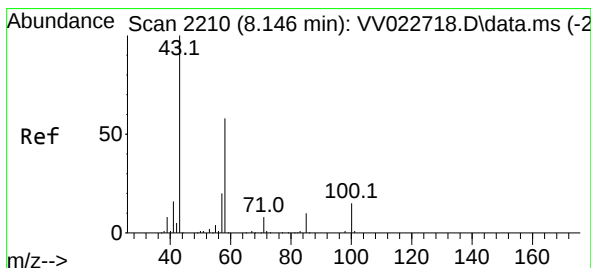
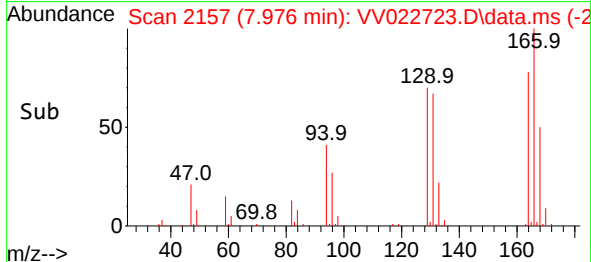
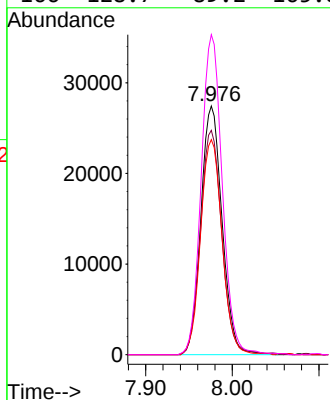
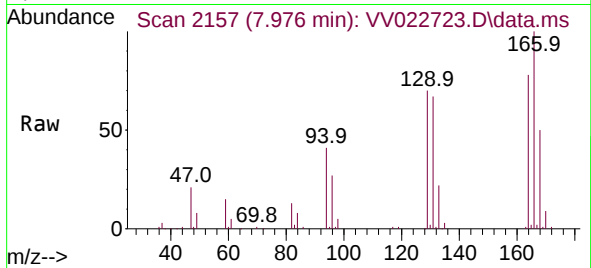


#47
Tetrachloroethene
Concen: 7.080 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 46799

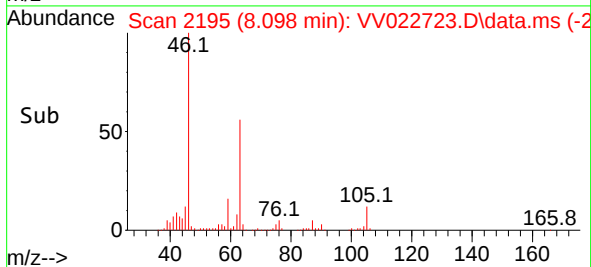
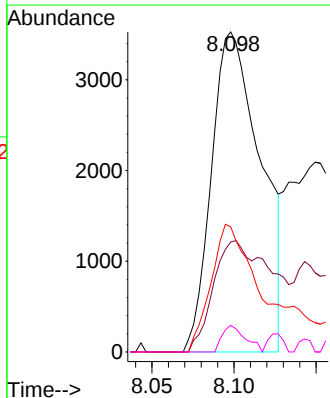
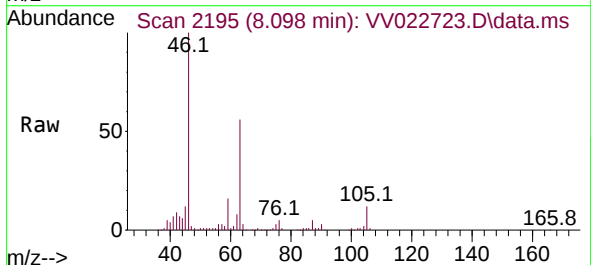
Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.0	120.6
131	86.5	62.2	115.4
166	128.7	89.2	165.8

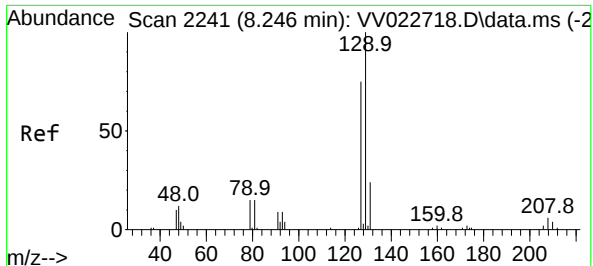


#48
2-Hexanone
Concen: 2.591 ug/L
RT: 8.098 min Scan# 2195
Delta R.T. -0.048 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 43 Resp: 7358

Ion	Ratio	Lower	Upper
43	100		
58	42.1	47.4	71.0#
57	44.7	15.3	22.9#
100	3.8	10.4	15.6#





#49

Dibromochloromethane

Concen: 6.463 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022723.D

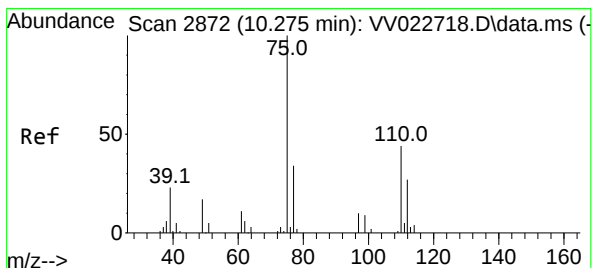
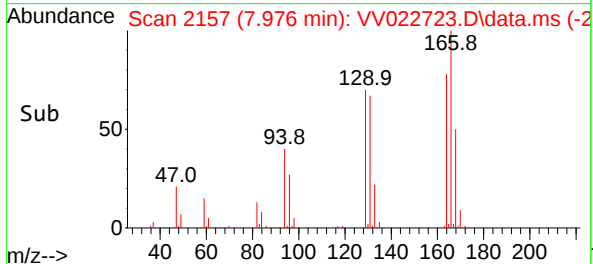
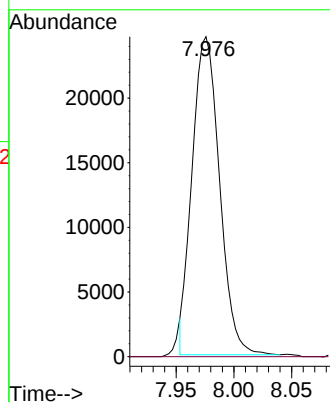
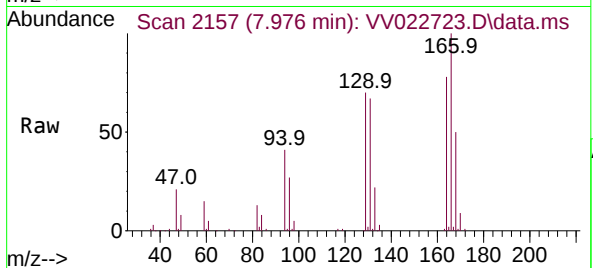
Acq: 11 Oct 2021 12:41

Tgt Ion:129 Resp: 40582

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.569 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022723.D

Acq: 11 Oct 2021 12:41

Tgt Ion: 75 Resp: 5473

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2

110 2.7 34.2 51.4#

