

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100821\
 Data File : VW022710.D
 Acq On : 08 Oct 2021 18:31
 Operator : SY/MD
 Sample : M4022-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:26:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	116645	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35847	4.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.565	69	33770	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.105	63	55611	3.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.928	46	84979	40.384	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.760%
24) Chloroform-d	4.346	84	82007	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	39192	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	155604	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.072	67	49125	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.317	98	132061	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	15054	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.101	63	66233	49.406	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32114	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	50887	5.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1246	0.146	ug/L	99
9) Trichlorofluoromethane	1.751	101	123461	9.548	ug/L	97
12) 1,1-Dichloroethene	2.108	96	665	0.094	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	5322	0.661	ug/L	87
31) Carbon tetrachloride	4.822	117	2261	0.201	ug/L	92
34) Trichloroethene	5.912	95	68720	8.249	ug/L	98
35) Methylcyclohexane	6.072	83	11422	0.979	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5345	0.725	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	964	0.099	ug/L #	65
42) Toluene	7.404	91	2275	0.073	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	456	0.083	ug/L #	71
47) Tetrachloroethene	7.976	164	333732	49.534	ug/L	98
48) 2-Hexanone	8.149	43	8592	2.968	ug/L #	93
49) Dibromochloromethane	7.973	129	291580	45.558	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5784	1.617	ug/L #	62
70) 1,2,4-trichlorobenzene	13.268	180	555	0.070	ug/L	93
71) Naphthalene	13.509	128	2214	0.176	ug/L	97
72) 1,2,3-Trichlorobenzene	13.751	180	630	0.085	ug/L #	92

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 09 01:23:25 2021
Response via : Initial Calibration

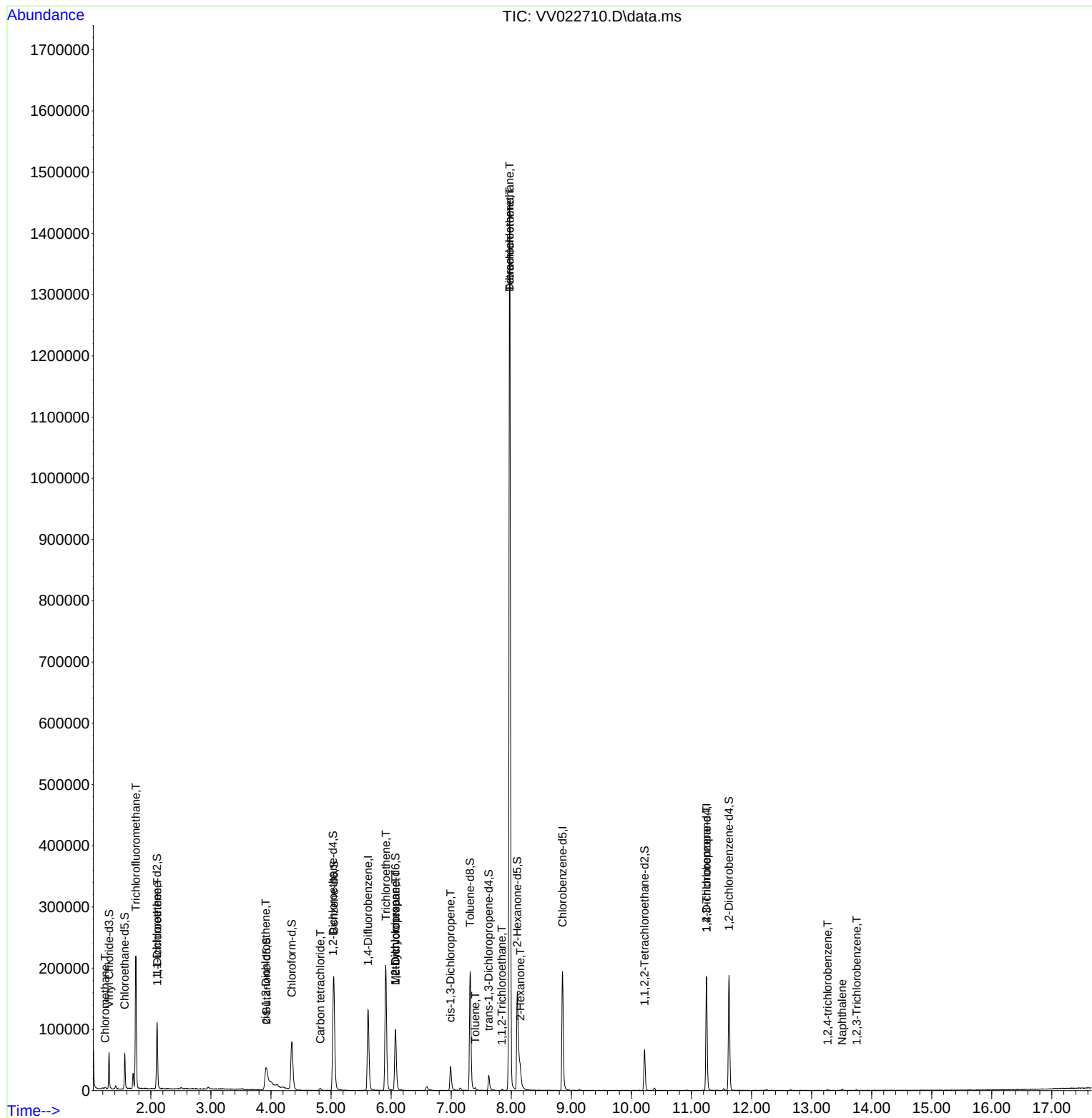
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

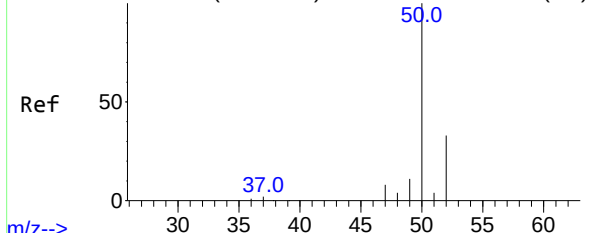
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
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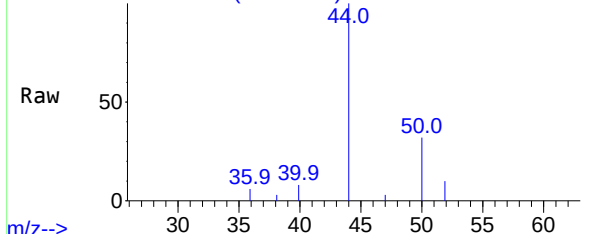
Quant Time: Oct 09 01:26:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 09 01:23:25 2021
Response via : Initial Calibration



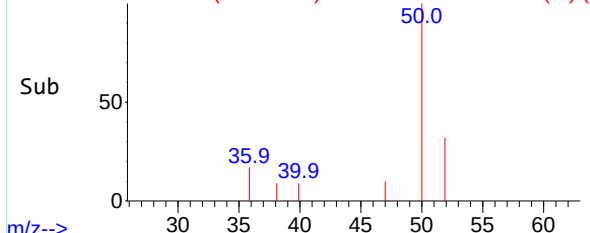
Abundance Scan 62 (1.240 min): VV022691.D\data.ms (-54)



Abundance Scan 62 (1.240 min): VV022710.D\data.ms



Abundance Scan 62 (1.240 min): VV022710.D\data.ms (-1)



#3

Chloromethane

Concen: 0.146 ug/L

RT: 1.240 min Scan# 62

Delta R.T. 0.000 min

Lab File: VV022710.D

Acq: 08 Oct 2021 18:31

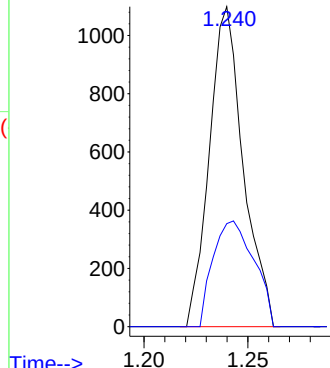
Tgt Ion: 50 Resp: 1246

Ion Ratio Lower Upper

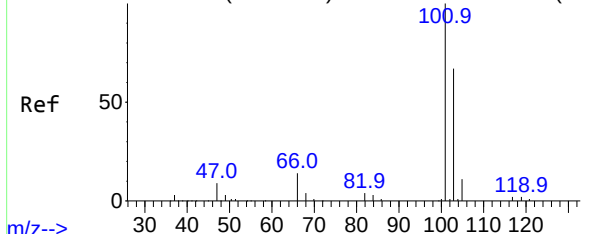
50 100

52 32.2 22.9 42.5

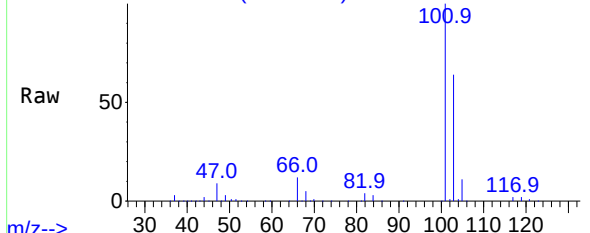
Abundance



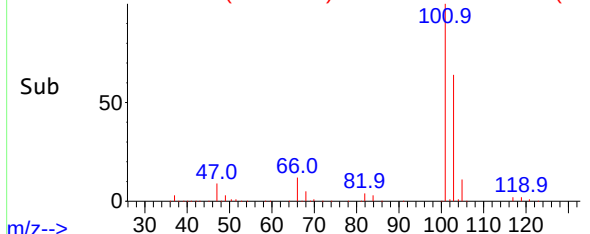
Abundance Scan 221 (1.751 min): VV022691.D\data.ms (-21)



Abundance Scan 221 (1.751 min): VV022710.D\data.ms



Abundance Scan 221 (1.751 min): VV022710.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 9.548 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.000 min

Lab File: VV022710.D

Acq: 08 Oct 2021 18:31

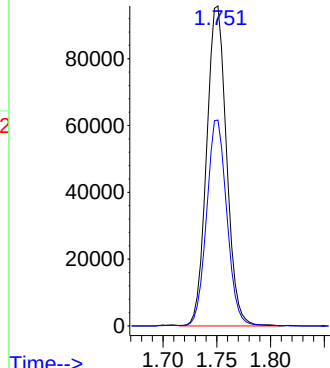
Tgt Ion: 101 Resp: 123461

Ion Ratio Lower Upper

101 100

103 65.4 50.3 75.5

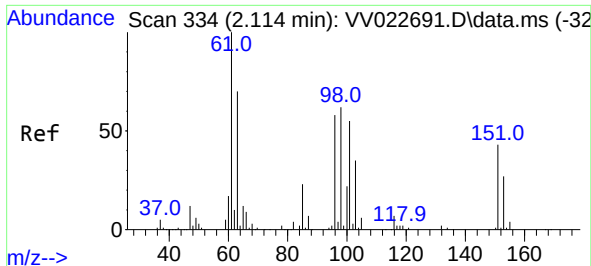
Abundance



Instrument :

MSVOA_V

ClientSampled :



#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.006 min

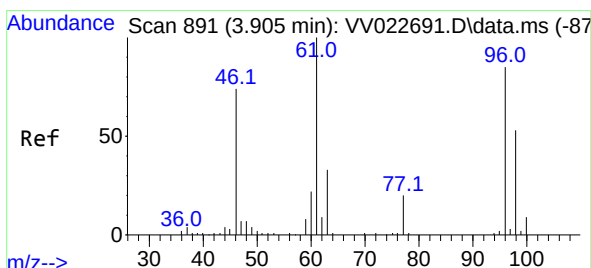
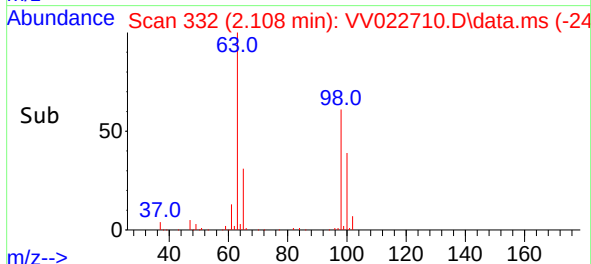
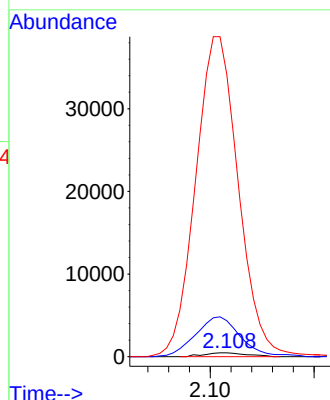
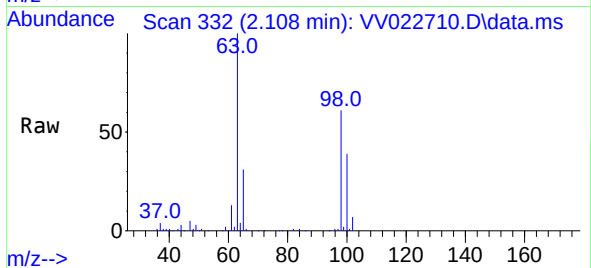
Lab File: VV022710.D

Acq: 08 Oct 2021 18:31

Tgt Ion: 96 Resp: 665

Ion	Ratio	Lower	Upper
96	100		
61	947.0	127.3	236.5#
63	7433.0	106.2	197.2#

Instrument :
MSVOA_V
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.661 ug/L

RT: 3.912 min Scan# 893

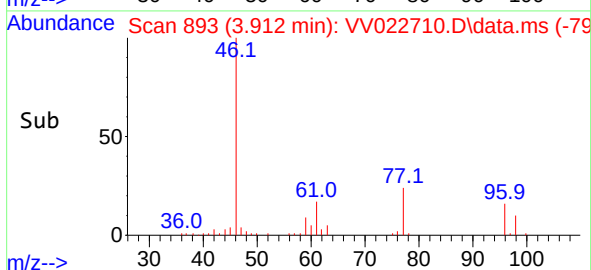
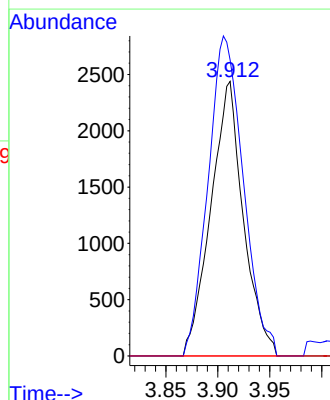
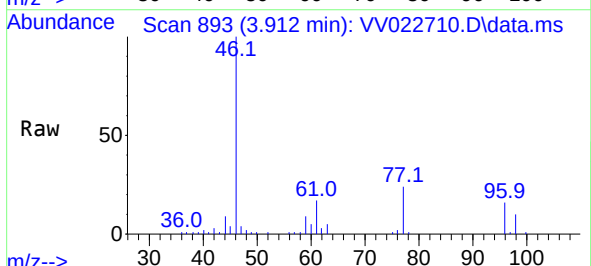
Delta R.T. 0.007 min

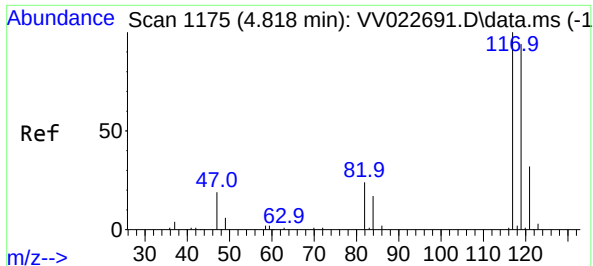
Lab File: VV022710.D

Acq: 08 Oct 2021 18:31

Tgt Ion: 96 Resp: 5322

Ion	Ratio	Lower	Upper
96	100		
61	107.8	86.0	159.6
68	0.0	0.0	0.0

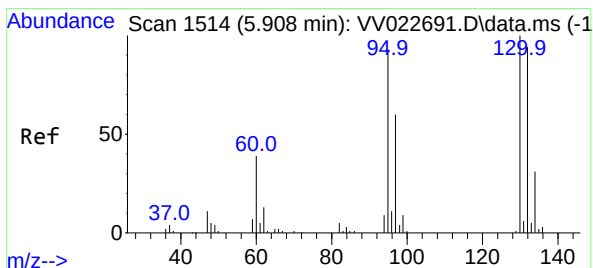
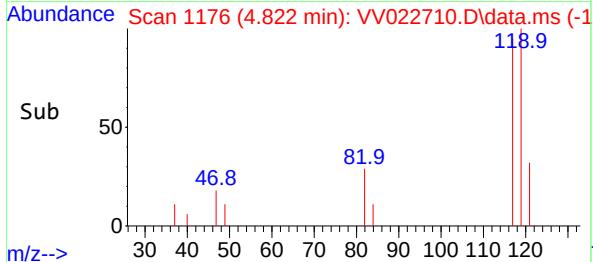
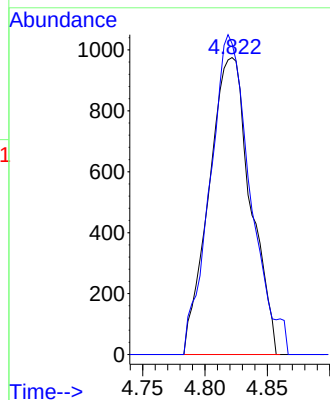
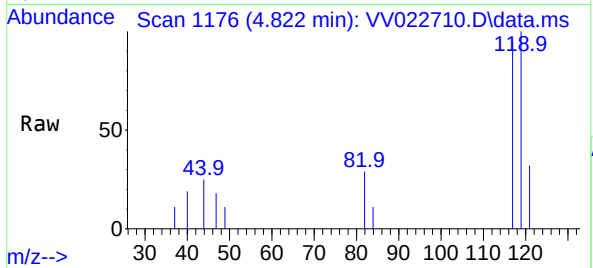




#31
Carbon tetrachloride
Concen: 0.201 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

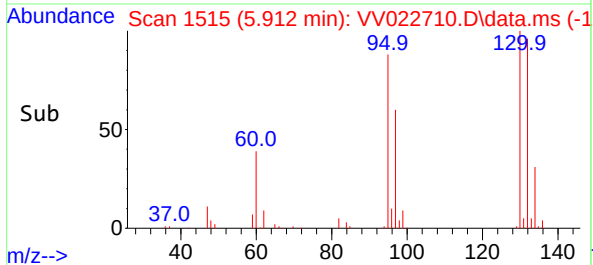
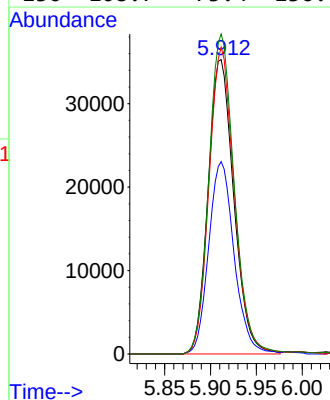
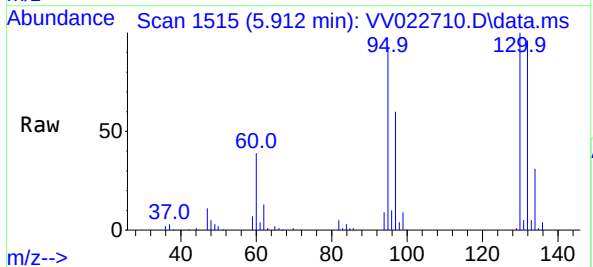
Instrument :
MSVOA_V
ClientSampled :

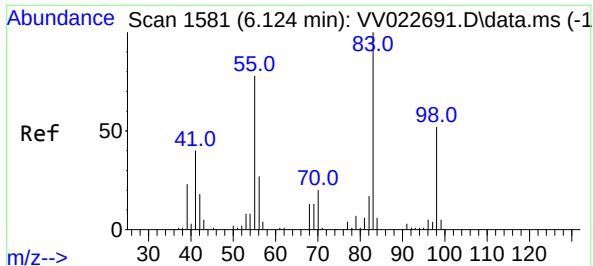
Tgt Ion:117 Resp: 2261
Ion Ratio Lower Upper
117 100
119 104.5 77.4 116.0



#34
Trichloroethene
Concen: 8.249 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion: 95 Resp: 68720
Ion Ratio Lower Upper
95 100
97 65.3 45.8 85.2
132 104.2 72.2 134.0
130 108.7 73.4 136.4

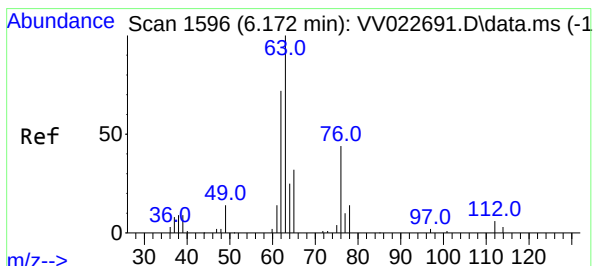
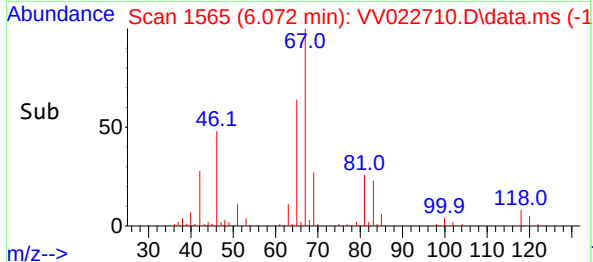
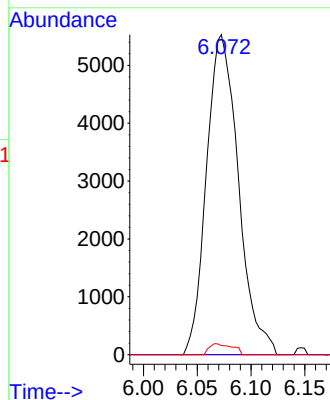
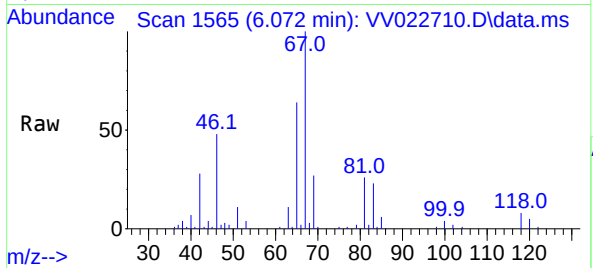




#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

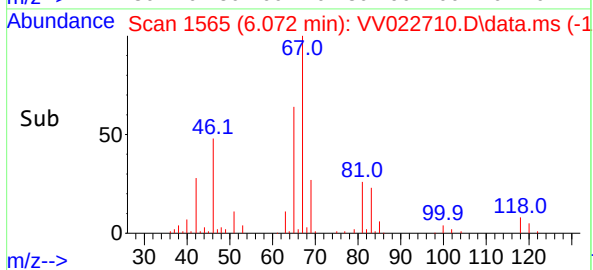
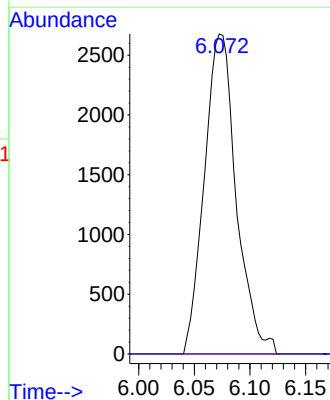
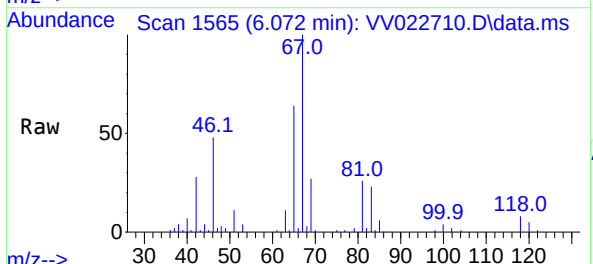
Instrument :
MSVOA_V
ClientSampled :

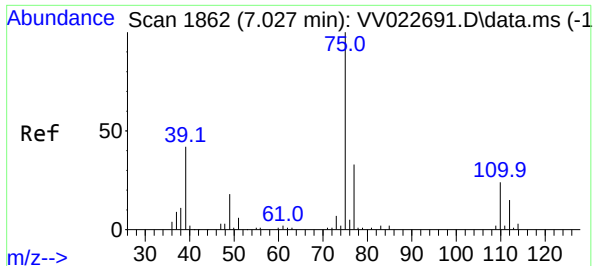
Tgt Ion:	83	Resp:	11422
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	2.5	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.099 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion:	63	Resp:	5345
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

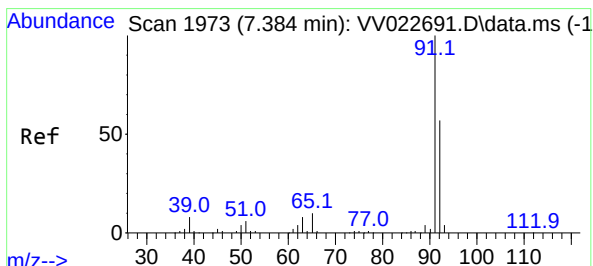
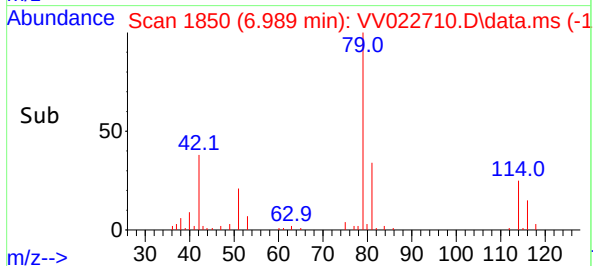
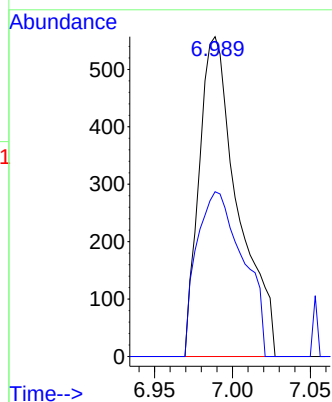
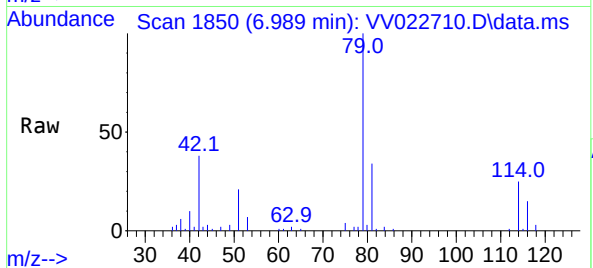




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.038 min
 Lab File: VV022710.D
 Acq: 08 Oct 2021 18:31

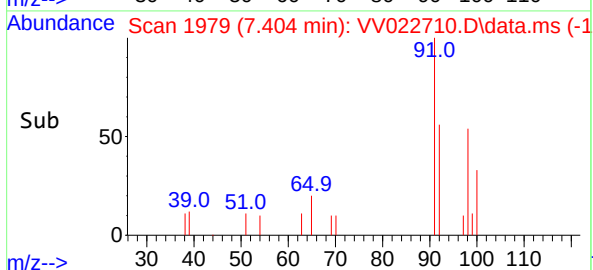
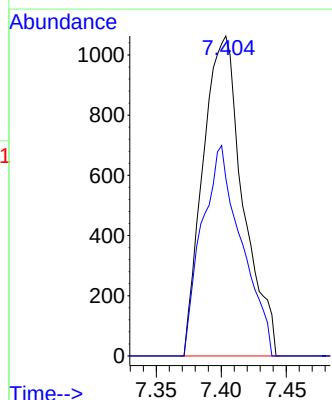
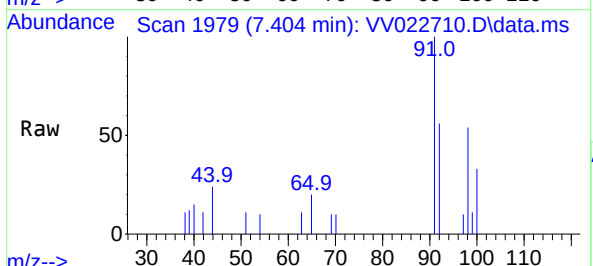
Instrument :
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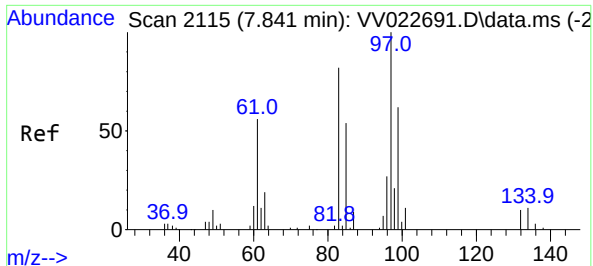
Tgt Ion: 75 Resp: 964
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.3 41.3#



#42
 Toluene
 Concen: 0.073 ug/L
 RT: 7.404 min Scan# 1979
 Delta R.T. 0.019 min
 Lab File: VV022710.D
 Acq: 08 Oct 2021 18:31

Tgt Ion: 91 Resp: 2275
 Ion Ratio Lower Upper
 91 100
 92 55.6 40.7 75.7



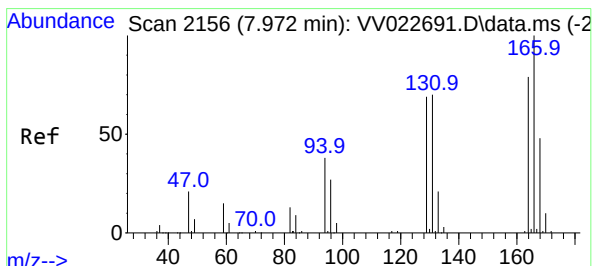
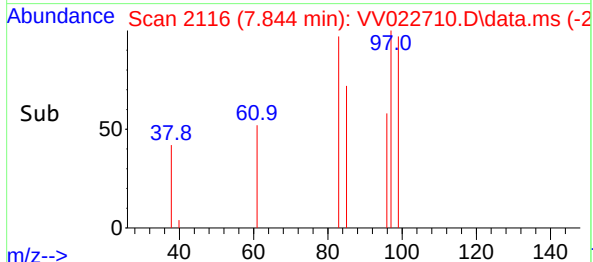
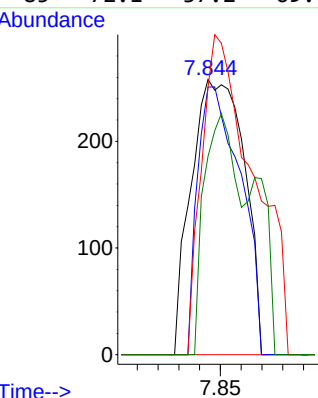
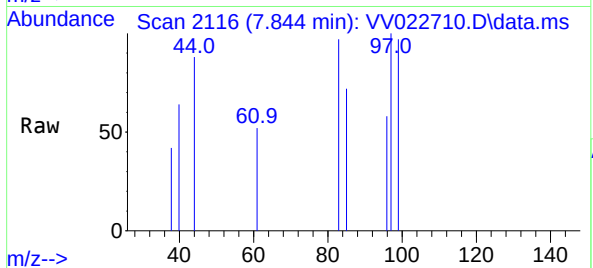


#45
1,1,2-Trichloroethane
Concen: 0.083 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 456

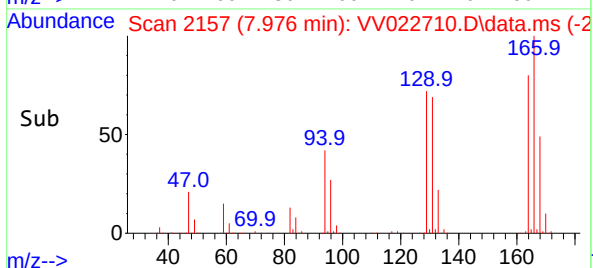
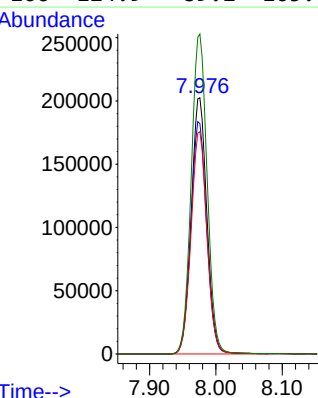
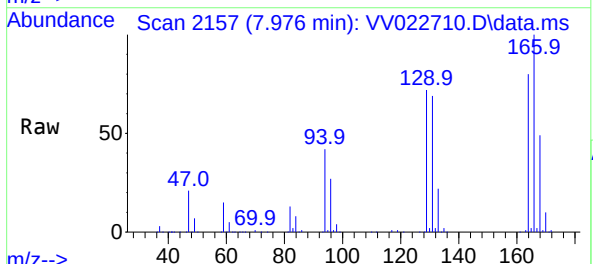
Ion	Ratio	Lower	Upper
97	100		
99	97.3	44.5	82.7#
83	97.3	56.6	105.0
85	72.1	37.2	69.0#

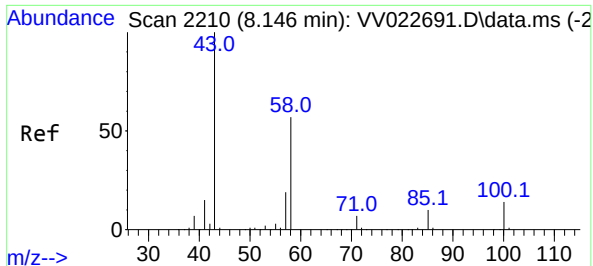


#47
Tetrachloroethene
Concen: 49.534 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion: 164 Resp: 333732

Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.0	120.6
131	86.7	62.2	115.4
166	124.9	89.2	165.8

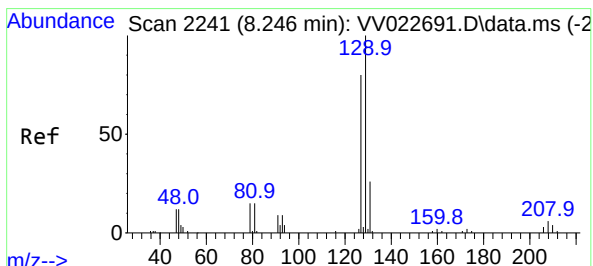
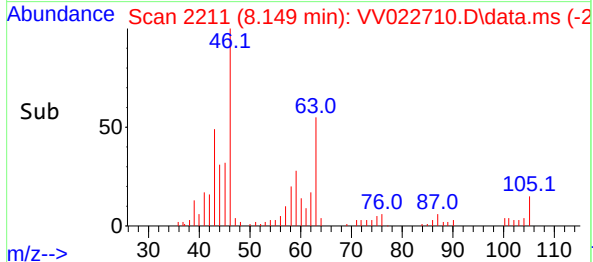
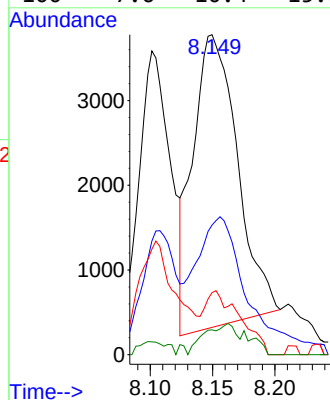
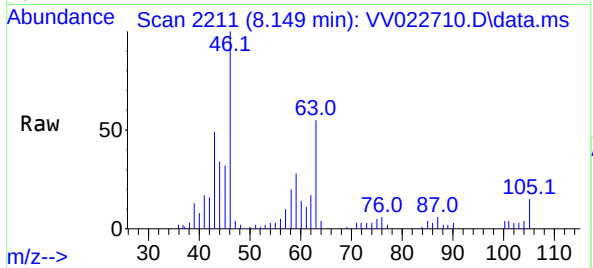




#48
2-Hexanone
Concen: 2.968 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

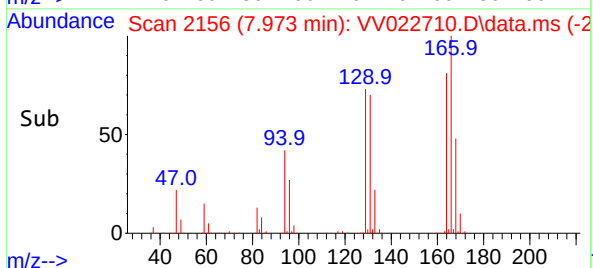
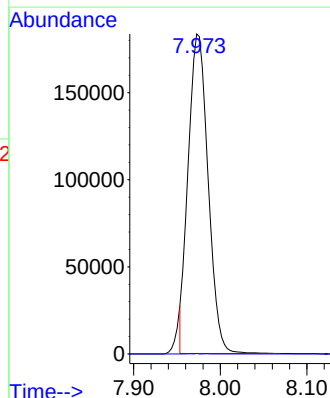
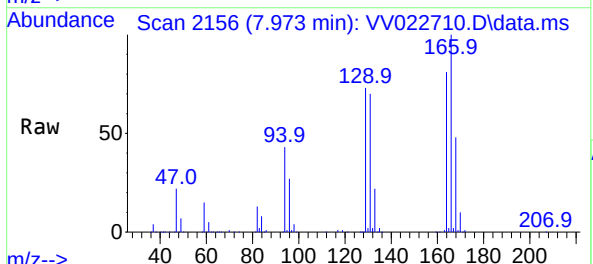
Instrument :
MSVOA_V
ClientSampled :

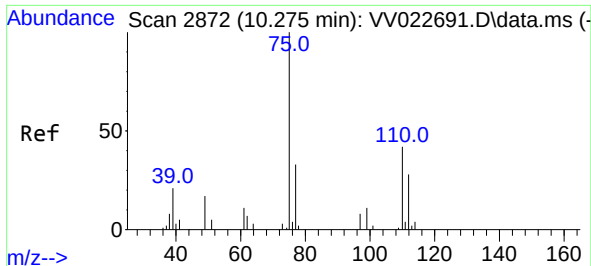
Tgt Ion: 43 Resp: 8592
Ion Ratio Lower Upper
43 100
58 54.7 47.4 71.0
57 17.2 15.3 22.9
100 7.6 10.4 15.6#



#49
Dibromochloromethane
Concen: 45.558 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.273 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion: 129 Resp: 291580
Ion Ratio Lower Upper
129 100
127 0.1 59.1 109.9#

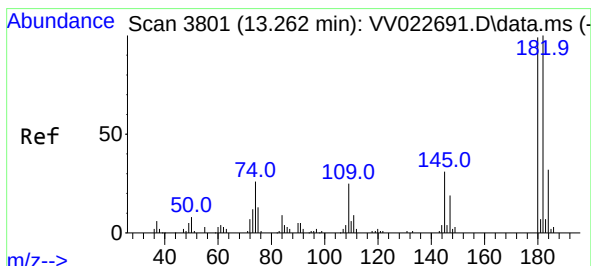
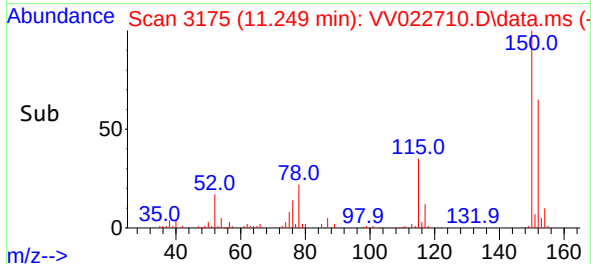
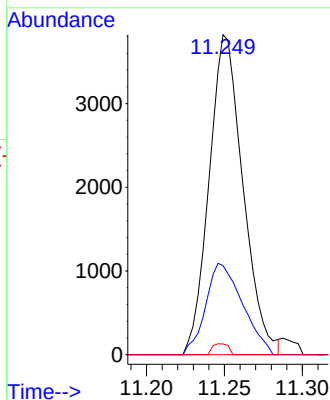
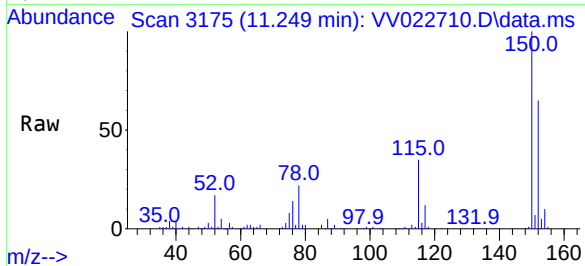




#61
1,2,3-Trichloropropane
Concen: 1.617 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

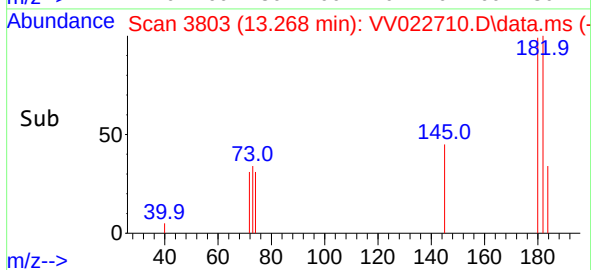
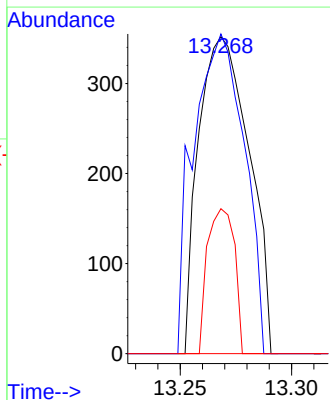
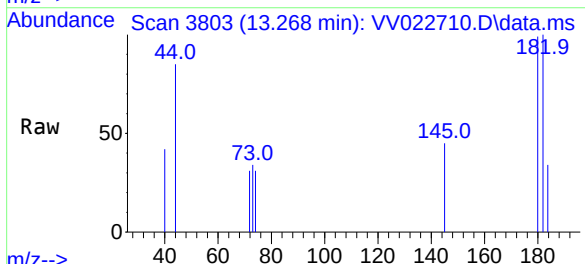
Instrument :
MSVOA_V
ClientSampled :

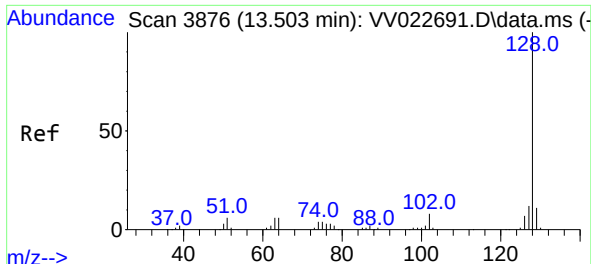
Tgt Ion: 75 Resp: 5784
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
110 1.6 34.2 51.4#



#70
1,2,4-trichlorobenzene
Concen: 0.070 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.007 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 100.9 76.0 114.0
145 24.3 24.1 36.1

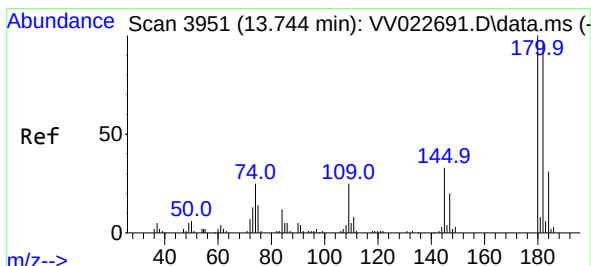
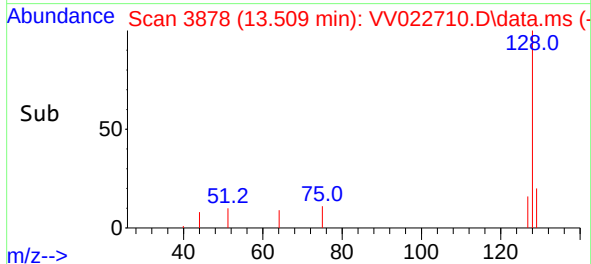
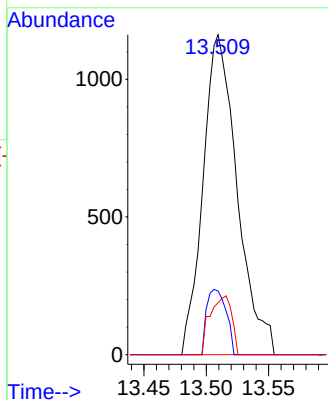
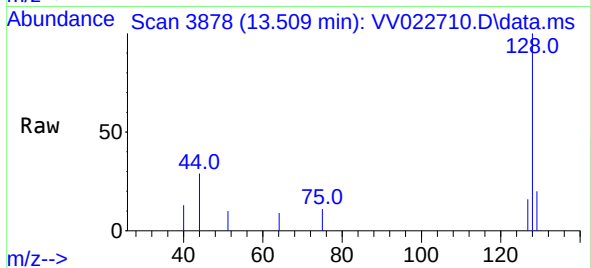




#71
Naphthalene
Concen: 0.176 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 2214
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 11.7 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.085 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.007 min
Lab File: VV022710.D
Acq: 08 Oct 2021 18:31

Tgt Ion:180 Resp: 630
Ion Ratio Lower Upper
180 100
182 88.4 75.5 113.3
145 23.7 24.7 37.1#

