

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022713.D
 Acq On : 08 Oct 2021 19:43
 Operator : SY/MD
 Sample : M4022-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:26:33 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	106867	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35633	4.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.564	69	33938	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.101	63	54987	3.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.921	46	73173	37.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.920%
24) Chloroform-d	4.349	84	80269	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	38153	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.047	84	152772	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.072	67	48745	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	127410	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	13733	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.098	63	64219	50.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	31495	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	48584	5.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	625	0.080	ug/L #	66
9) Trichlorofluoromethane	1.748	101	167285	14.120	ug/L	98
12) 1,1-Dichloroethene	2.098	96	595	0.092	ug/L #	1
21) 2-Butanone	4.098	43	28189	16.015	ug/L #	51
22) cis-1,2-Dichloroethene	3.908	96	7888	1.070	ug/L	97
27) 1,2-Dichloroethane	5.053	62	525	0.072	ug/L #	69
31) Carbon tetrachloride	4.828	117	3689	0.343	ug/L	96
34) Trichloroethene	5.912	95	70661	8.886	ug/L	98
35) Methylcyclohexane	6.072	83	12073	1.084	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5287	0.752	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1036	0.111	ug/L #	73
42) Toluene	7.397	91	2025	0.068	ug/L	86
45) 1,1,2-Trichloroethane	7.847	97	682	0.131	ug/L	87
47) Tetrachloroethene	7.976	164	247643	38.508	ug/L	98
48) 2-Hexanone	8.149	43	9694	3.509	ug/L #	91
49) Dibromochloromethane	7.976	129	214464	35.106	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5181	1.558	ug/L #	60

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

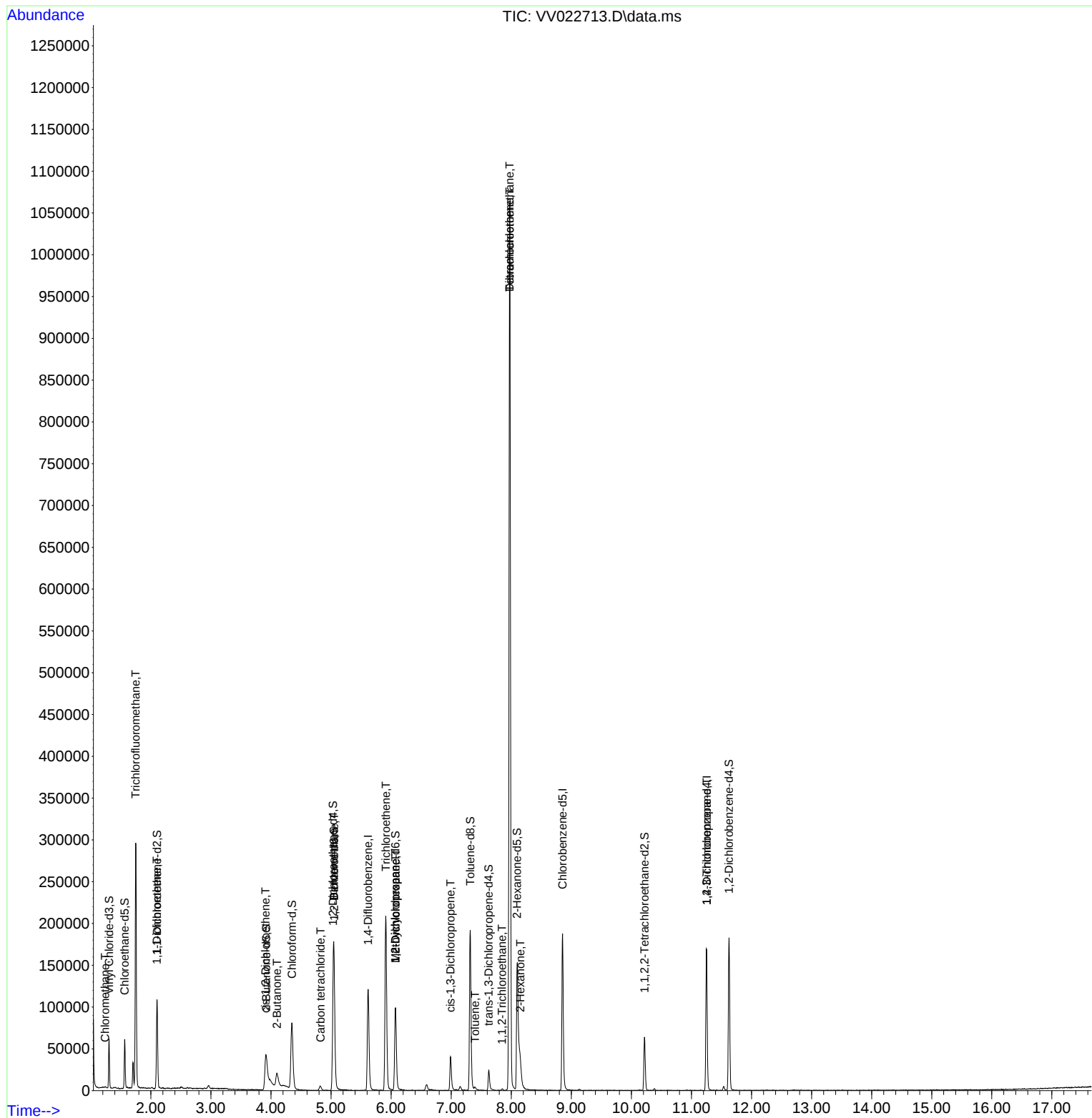
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

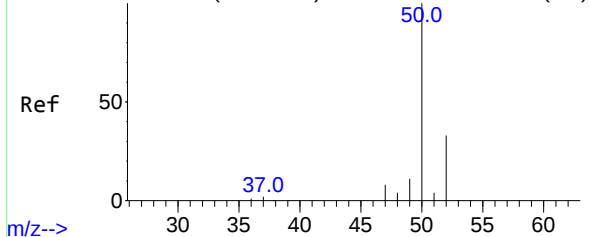
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Abundance Scan 62 (1.240 min): VV022691.D\data.ms (-54)

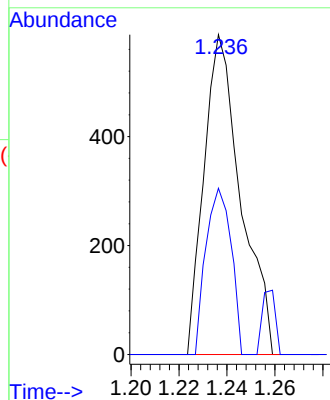
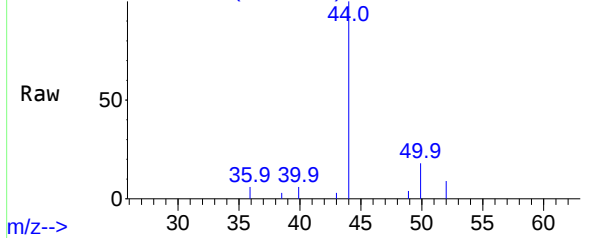


#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

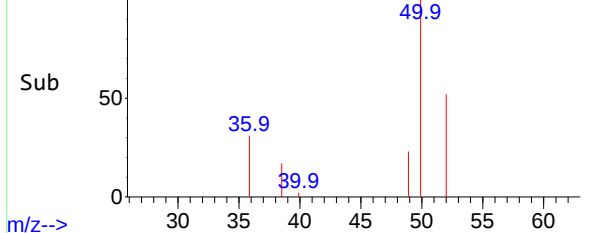
Tgt Ion: 50 Resp: 625
Ion Ratio Lower Upper
50 100
52 52.0 22.9 42.5#

Instrument :
MSVOA_V
ClientSampled :

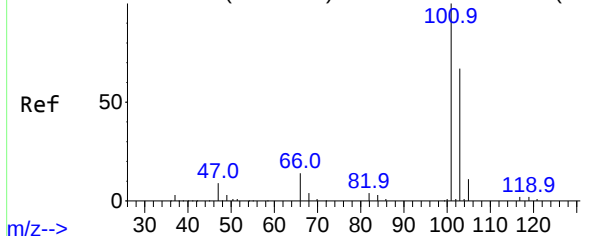
Abundance Scan 61 (1.236 min): VV022713.D\data.ms



Abundance Scan 61 (1.236 min): VV022713.D\data.ms (-1)



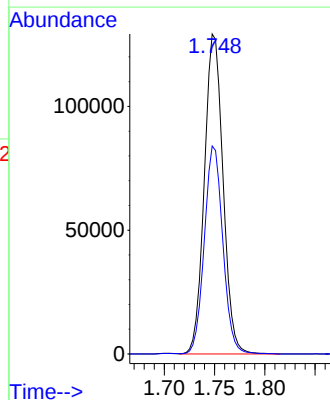
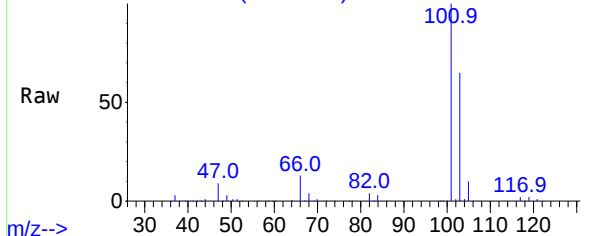
Abundance Scan 221 (1.751 min): VV022691.D\data.ms (-21)



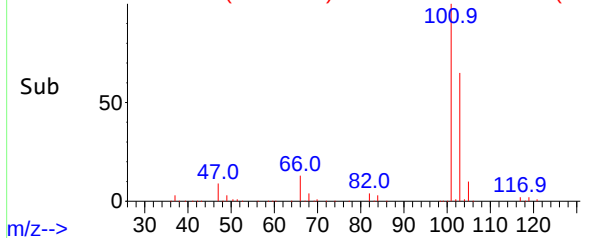
#9
Trichlorofluoromethane
Concen: 14.120 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

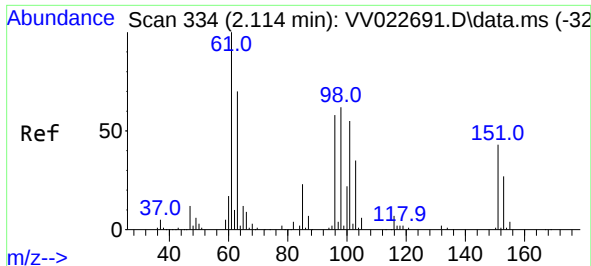
Tgt Ion: 101 Resp: 167285
Ion Ratio Lower Upper
101 100
103 64.4 50.3 75.5

Abundance Scan 220 (1.748 min): VV022713.D\data.ms



Abundance Scan 220 (1.748 min): VV022713.D\data.ms (-12)

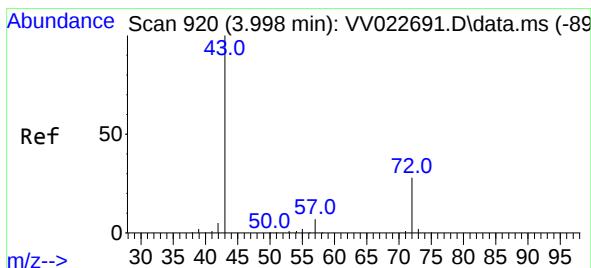
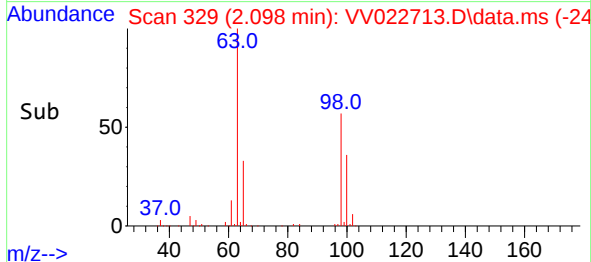
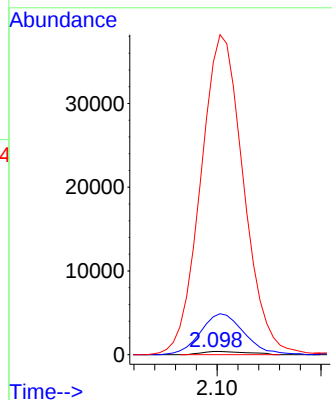
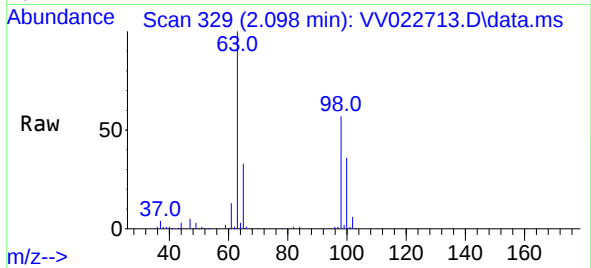




#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.016 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

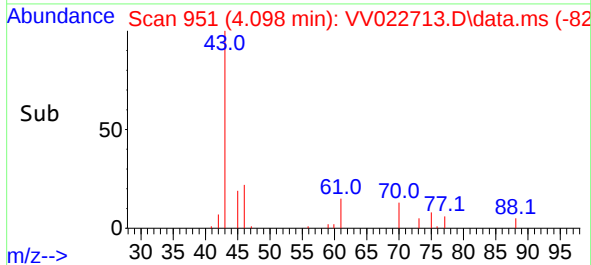
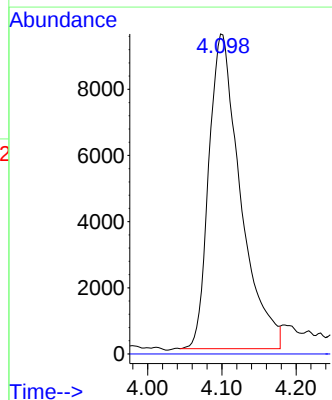
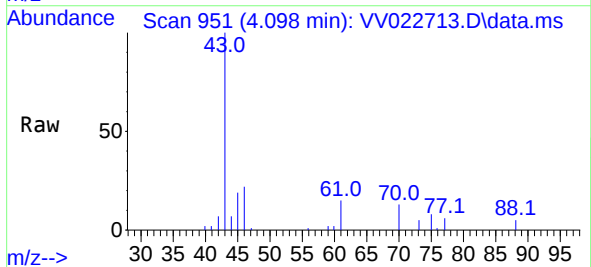
Instrument :
MSVOA_V
ClientSampled :

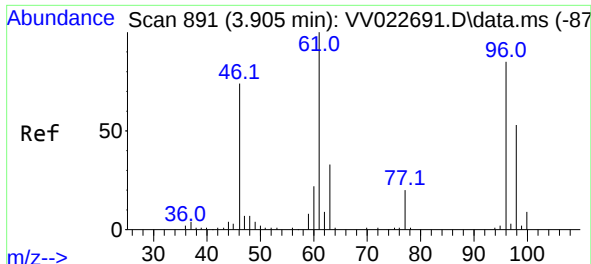
Tgt Ion: 96 Resp: 595
Ion Ratio Lower Upper
96 100
61 1213.1 127.3 236.5#
63 9339.0 106.2 197.2#



#21
2-Butanone
Concen: 16.015 ug/L
RT: 4.098 min Scan# 951
Delta R.T. 0.100 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 43 Resp: 28189
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.8#

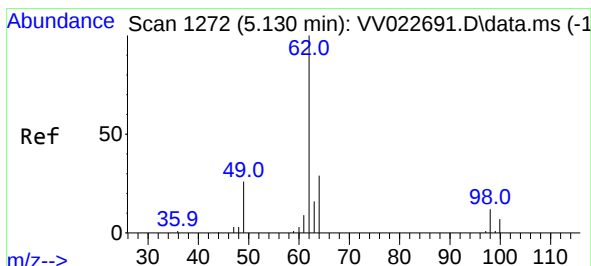
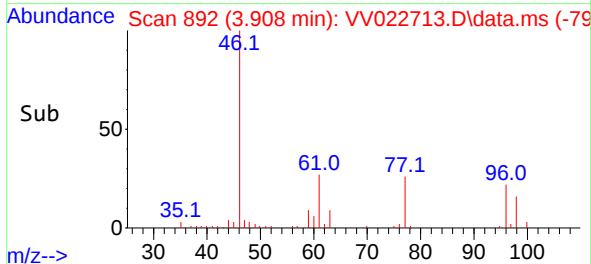
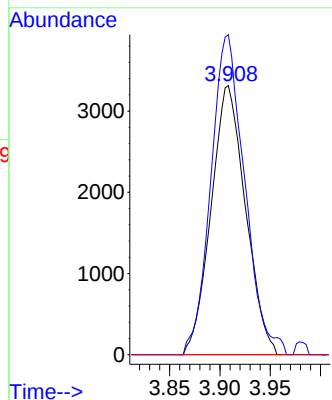
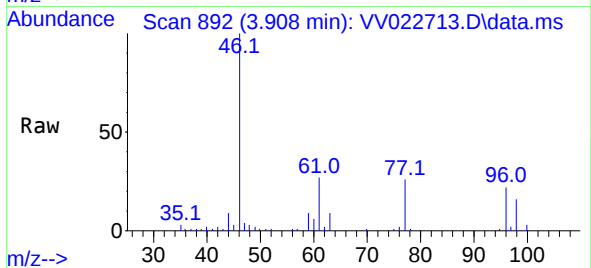




#22
cis-1,2-Dichloroethene
Concen: 1.070 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

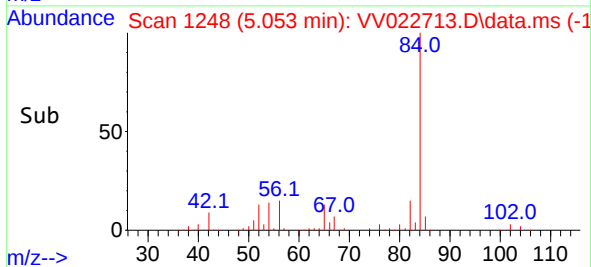
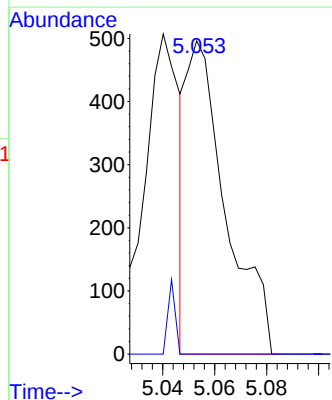
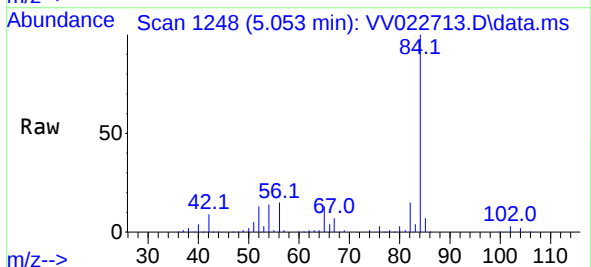
Instrument :
MSVOA_V
ClientSampleId :

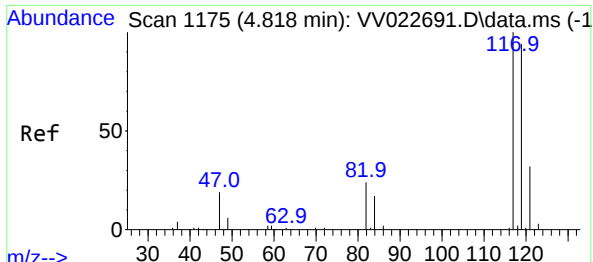
Tgt Ion: 96 Resp: 7888
Ion Ratio Lower Upper
96 100
61 118.9 86.0 159.6
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

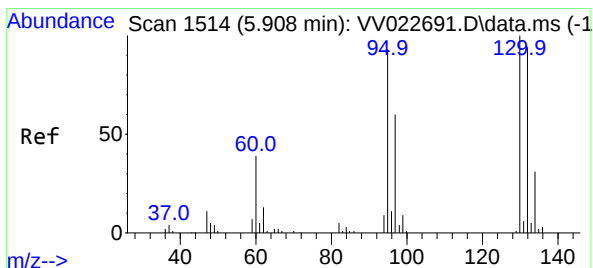
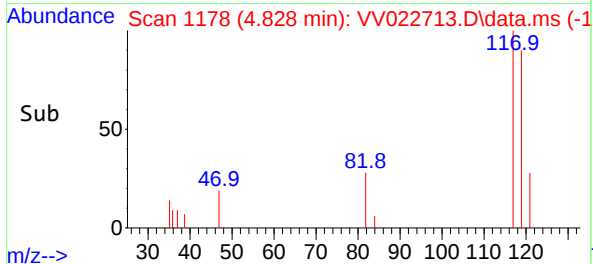
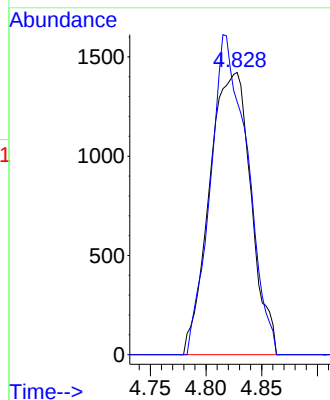
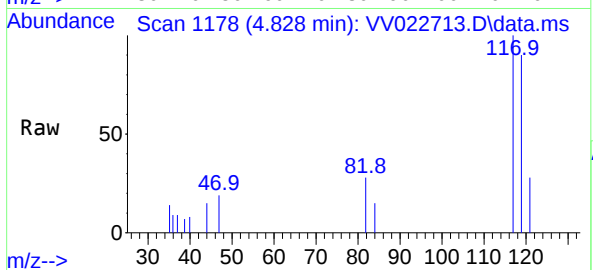




#31
Carbon tetrachloride
Concen: 0.343 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

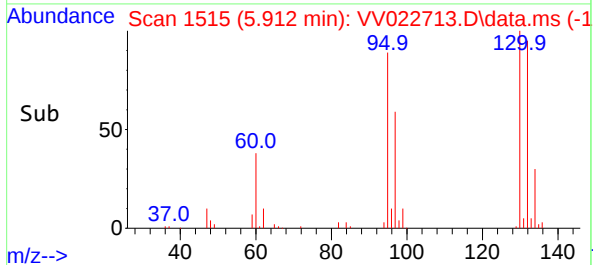
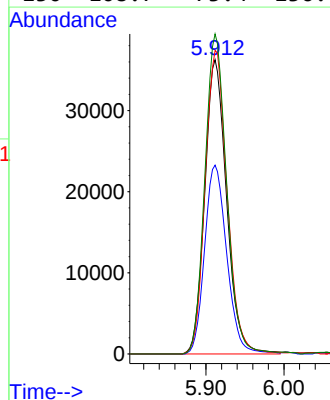
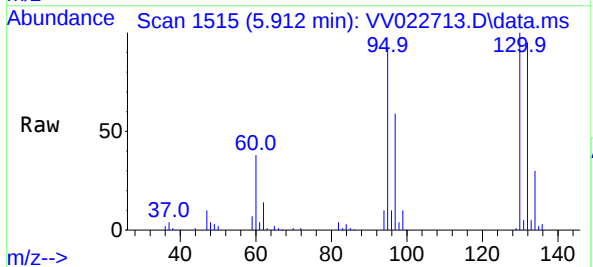
Instrument :
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ClientSampled :

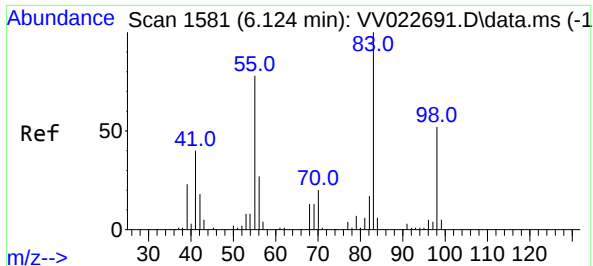
Tgt Ion:117 Resp: 3689
Ion Ratio Lower Upper
117 100
119 101.0 77.4 116.0



#34
Trichloroethene
Concen: 8.886 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 95 Resp: 70661
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.2
132 103.1 72.2 134.0
130 108.7 73.4 136.4

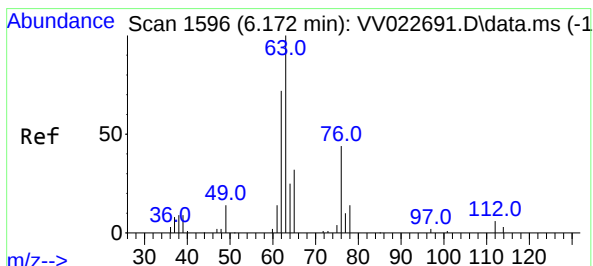
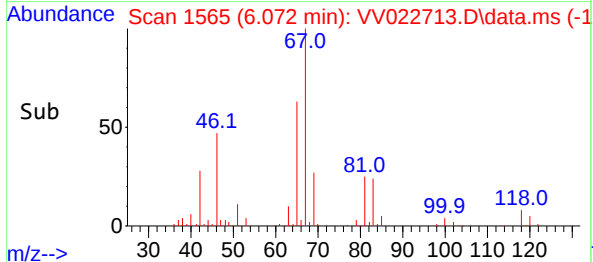
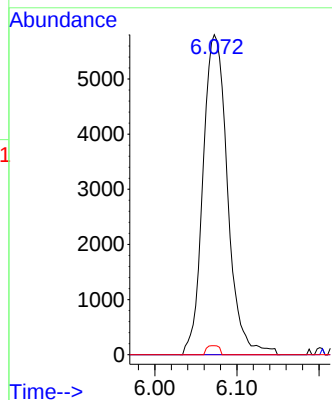
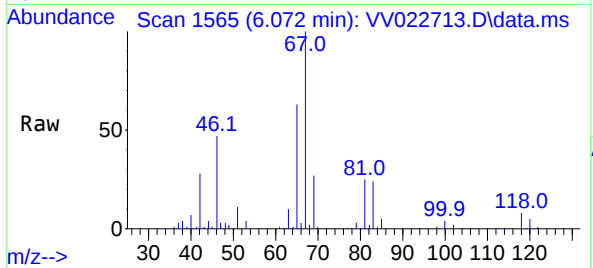




#35
Methylcyclohexane
Concen: 1.084 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

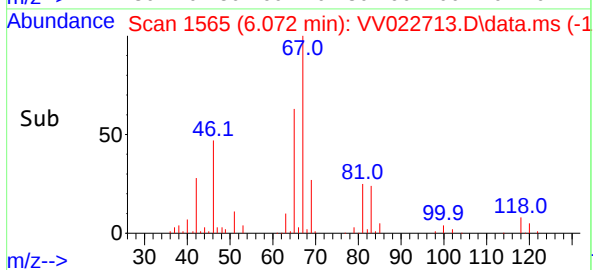
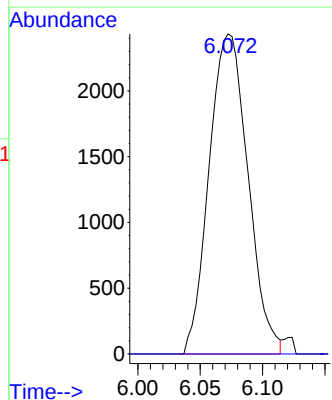
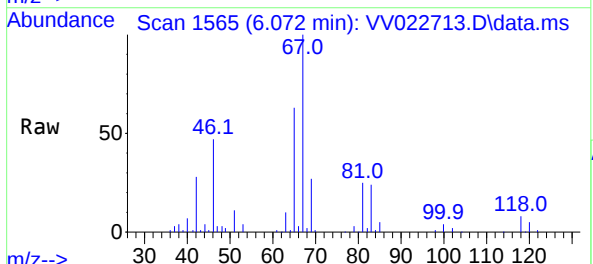
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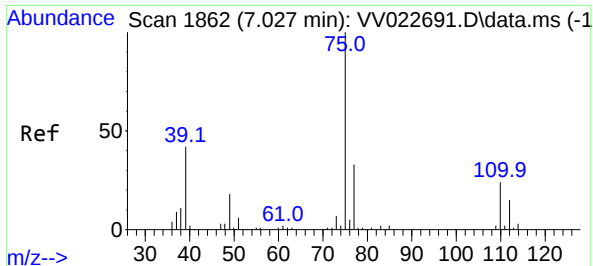
Tgt Ion: 83 Resp: 12073
Ion Ratio Lower Upper
83 100
55 0.2 63.8 95.6#
98 1.4 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.752 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 63 Resp: 5287
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

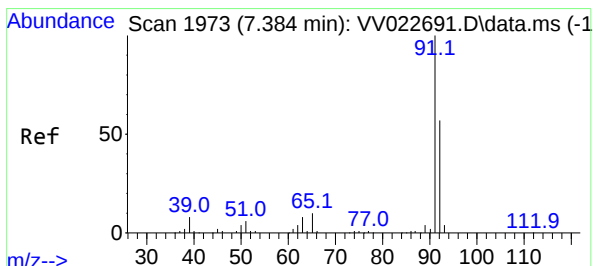
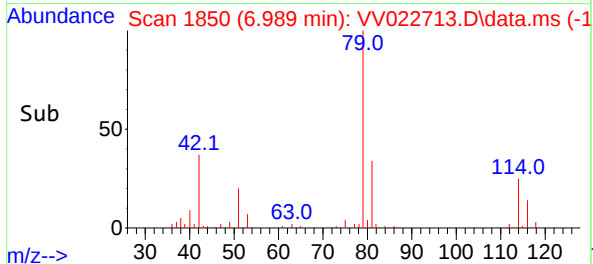
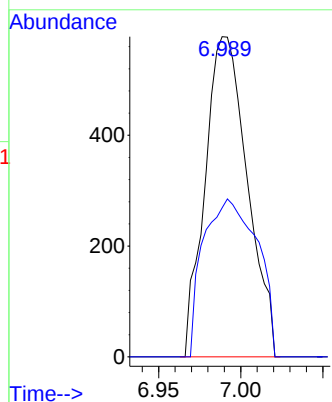
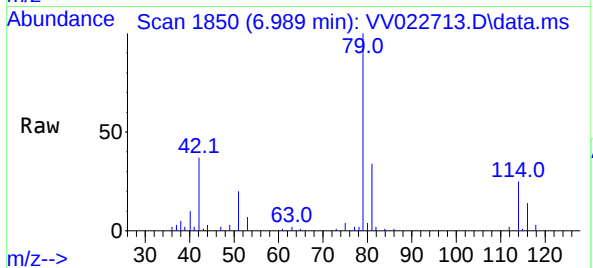




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV022713.D
 Acq: 08 Oct 2021 19:43

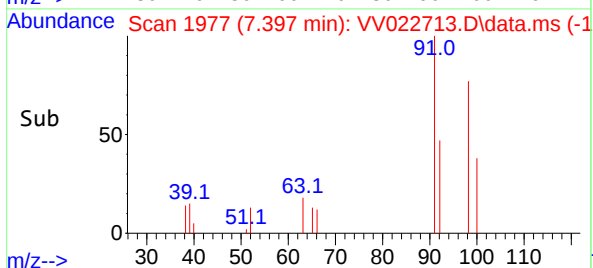
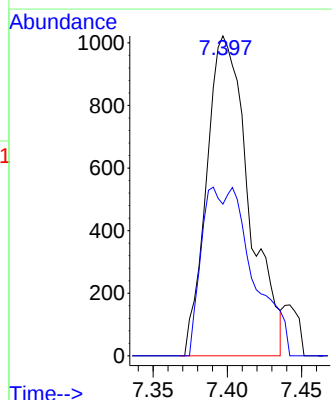
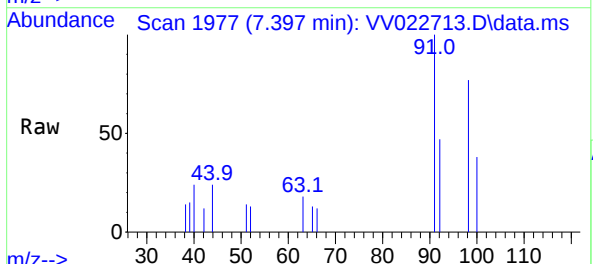
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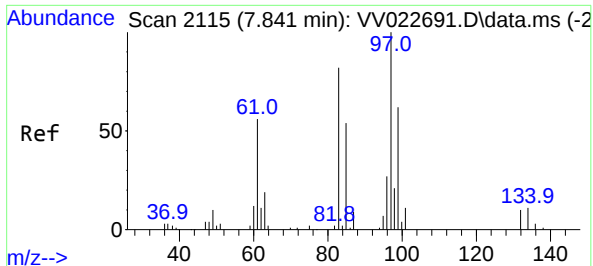
Tgt Ion: 75 Resp: 1036
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.3 41.3#



#42
 Toluene
 Concen: 0.068 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.013 min
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Tgt Ion: 91 Resp: 2025
 Ion Ratio Lower Upper
 91 100
 92 47.5 40.7 75.7



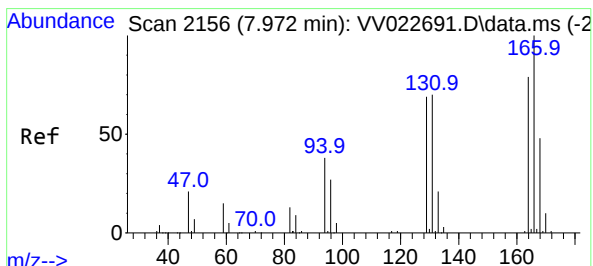
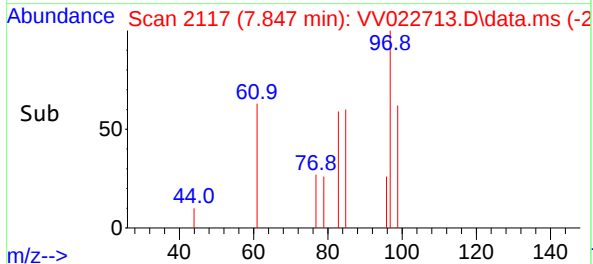
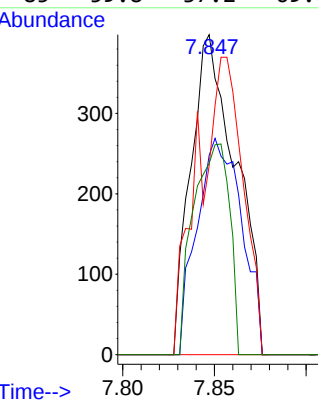
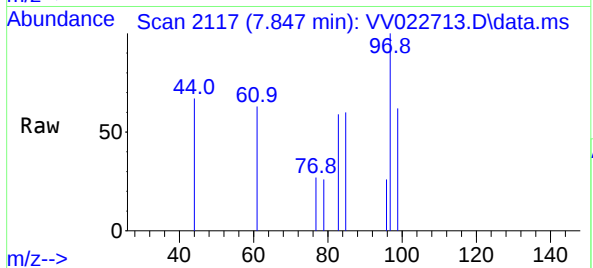


#45
1,1,2-Trichloroethane
Concen: 0.131 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 682

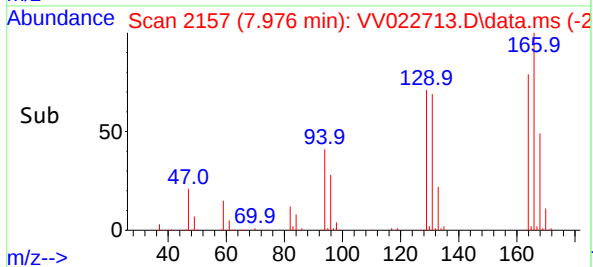
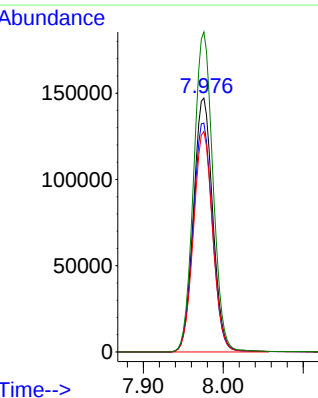
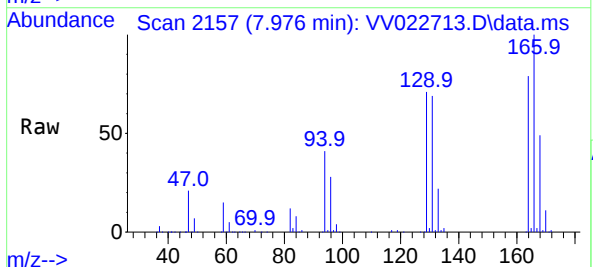
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.5	82.7
83	59.0	56.6	105.0
85	59.8	37.2	69.0

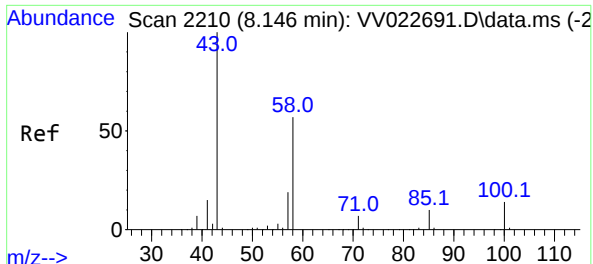


#47
Tetrachloroethene
Concen: 38.508 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 164 Resp: 247643

Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.0	120.6
131	86.8	62.2	115.4
166	126.1	89.2	165.8



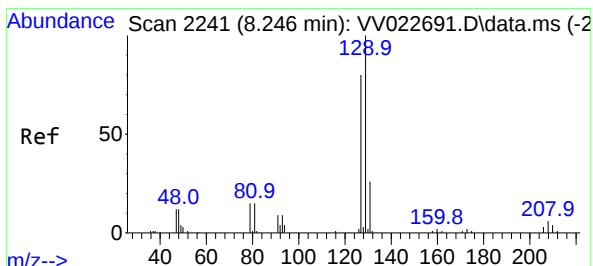
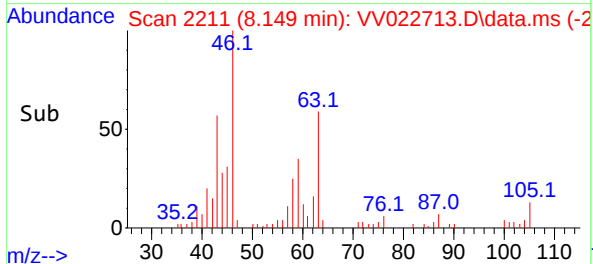
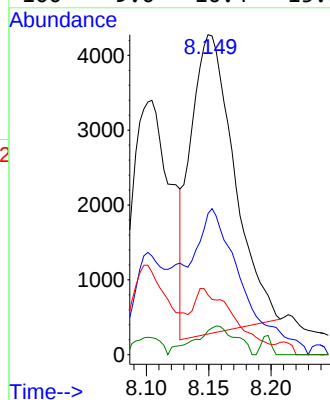
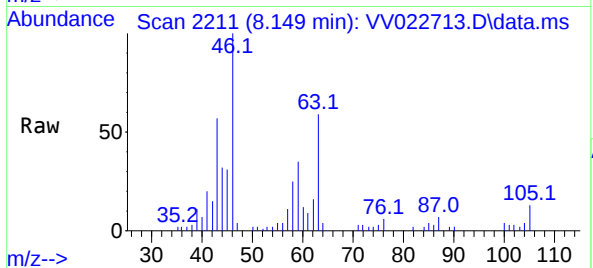


#48
2-Hexanone
Concen: 3.509 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 9694

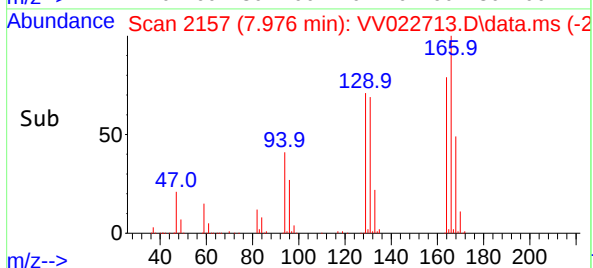
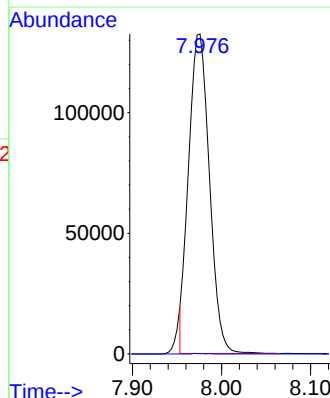
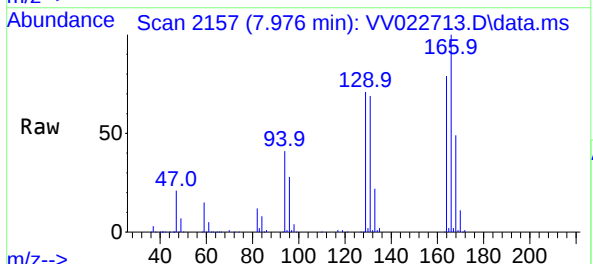
Ion	Ratio	Lower	Upper
43	100		
58	51.7	47.4	71.0
57	21.1	15.3	22.9
100	9.0	10.4	15.6

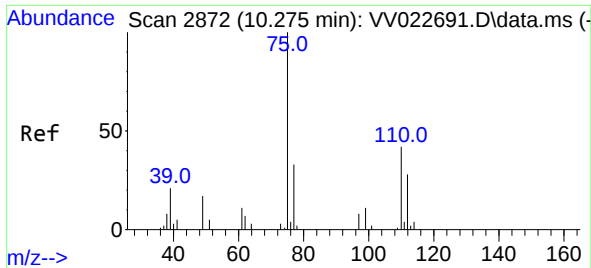


#49
Dibromochloromethane
Concen: 35.106 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 129 Resp: 214464

Ion	Ratio	Lower	Upper
129	100		
127	0.1	59.1	109.9





#61
 1,2,3-Trichloropropane
 Concen: 1.558 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022713.D
 Acq: 08 Oct 2021 19:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	75	Resp:	5181
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.4	38.2
110	0.9	34.2	51.4#

