

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060221\
 Data File : VV021474.D
 Acq On : 02 Jun 2021 12:20
 Operator : SY/MD
 Sample : M2568-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:16:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 03 02:14:36 2021
 Response via : Initial Calibration

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

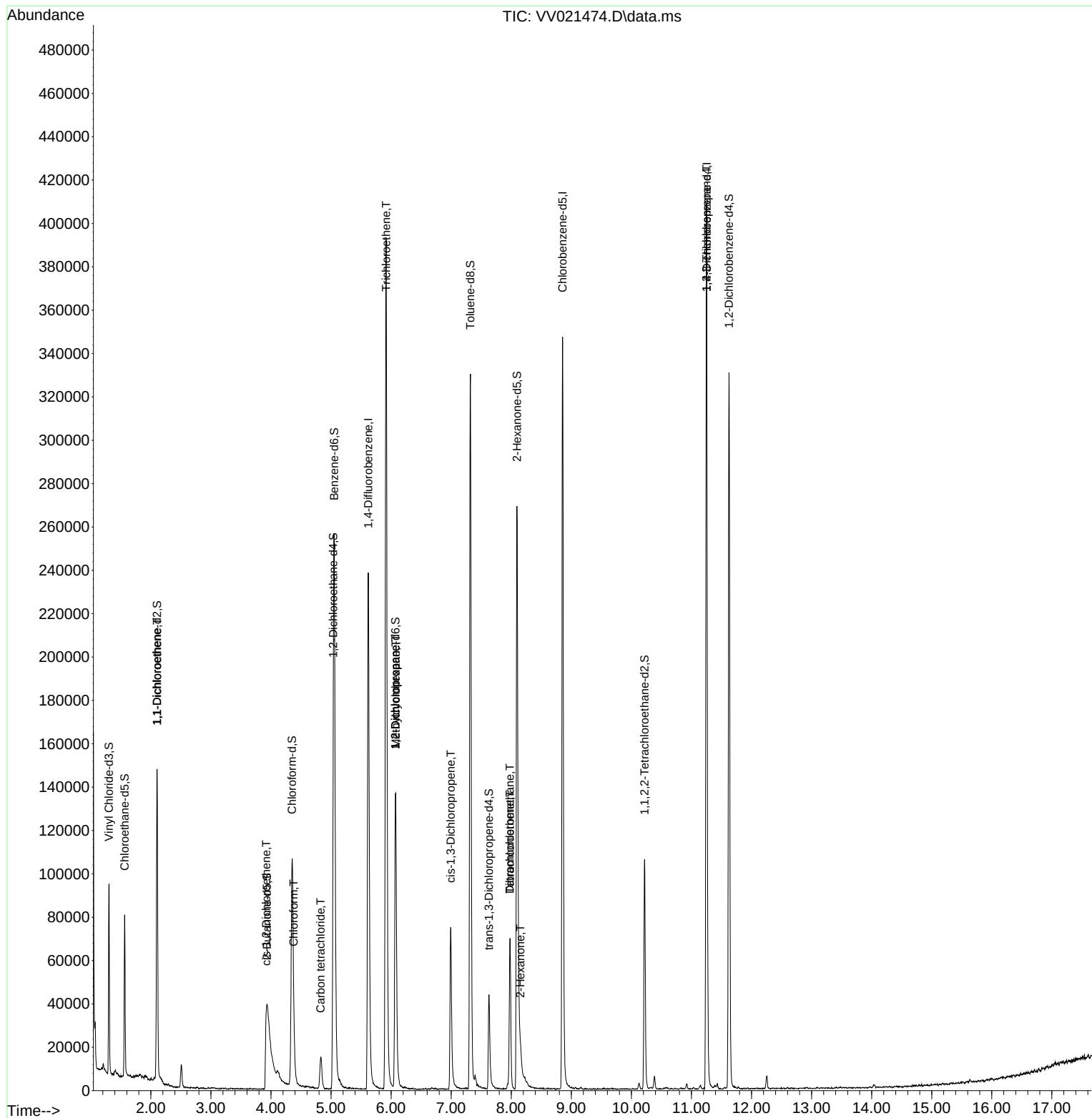
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	227658	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	210337	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	119613	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54748	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.564	69	44865	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.101	63	71281	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.934	46	112448	32.48	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.96%
24) Chloroform-d	4.352	84	113791	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.037	65	52757	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.053	84	241873	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.072	67	70074	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.320	98	230646	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloroprop...	7.628	79	28945	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.095	63	115010	35.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.52%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	52342	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	94623	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.105	96	881	0.08	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	2027	0.13	ug/L	84
25) Chloroform	4.378	83	10610	0.42	ug/L	96
31) Carbon tetrachloride	4.828	117	11621	0.54	ug/L	99
34) Trichloroethene	5.915	95	138518	9.19	ug/L	100
35) Methylcyclohexane	6.075	83	17170	0.69	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7610	0.56	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1885	0.09	ug/L #	65
47) Tetrachloroethene	7.979	164	17730	1.29	ug/L	94
48) 2-Hexanone	8.153	43	6359	1.12	ug/L #	74
49) Dibromochloromethane	7.979	129	15240	1.11	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11432	1.35	ug/L #	63

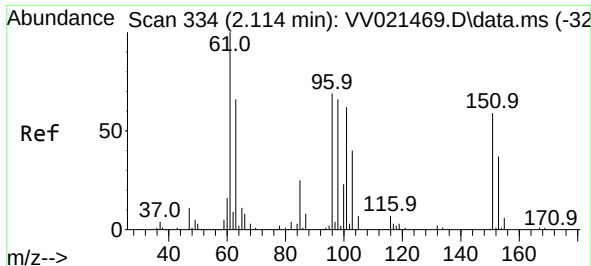
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 03 02:14:36 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.08 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.010 min

Lab File: VV021474.D

Acq: 02 Jun 2021 12:20

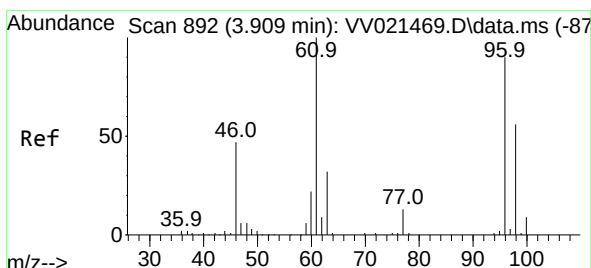
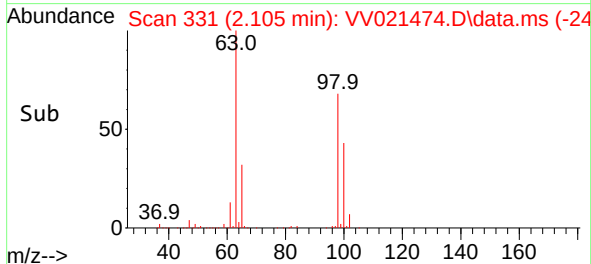
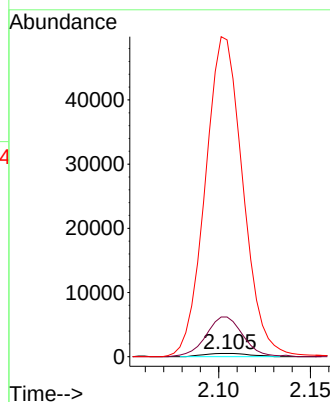
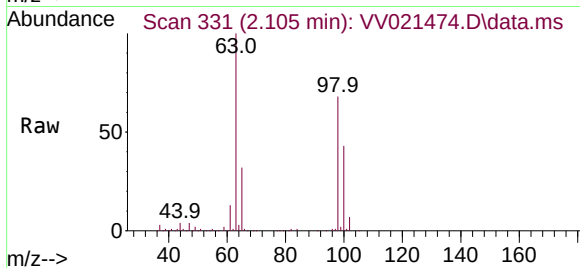
Tgt Ion: 96 Resp: 881

Ion Ratio Lower Upper

96 100

61 1231.2 103.7 192.5#

63 9814.7 62.4 115.8#



#22

cis-1,2-Dichloroethene

Concen: 0.13 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV021474.D

Acq: 02 Jun 2021 12:20

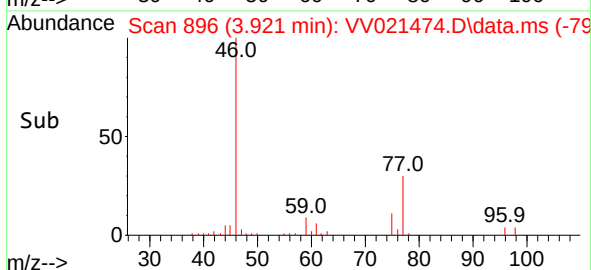
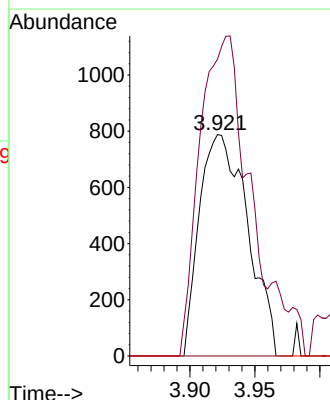
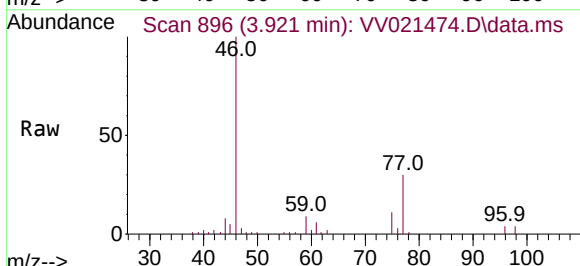
Tgt Ion: 96 Resp: 2027

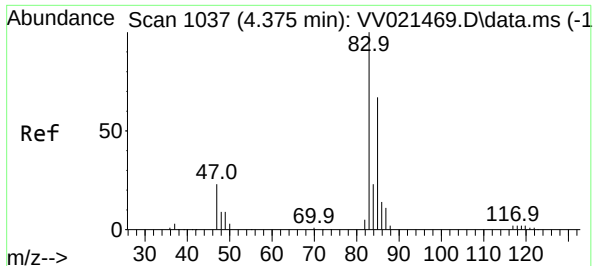
Ion Ratio Lower Upper

96 100

61 134.0 81.9 152.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.42 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021474.D

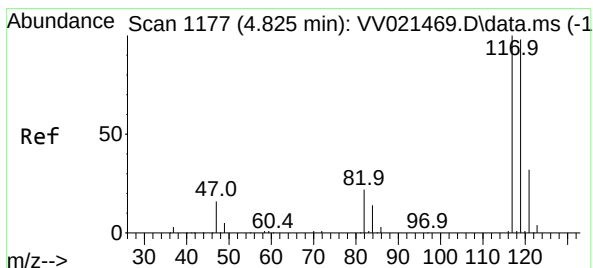
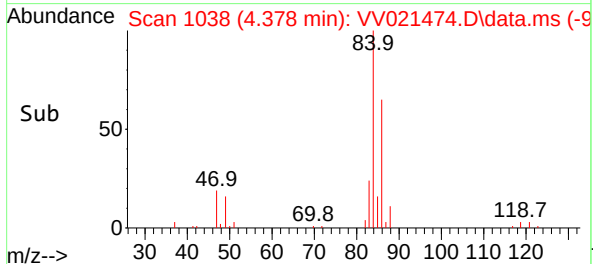
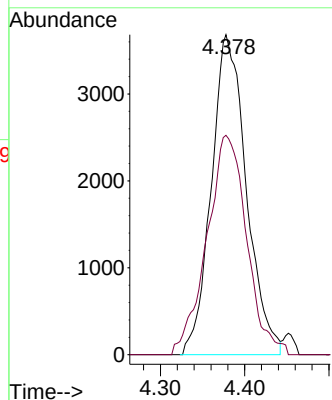
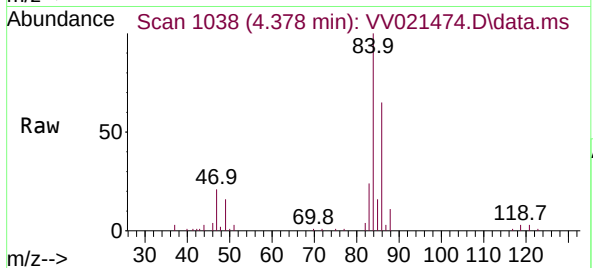
Acq: 02 Jun 2021 12:20

Tgt Ion: 83 Resp: 10610

Ion Ratio Lower Upper

83 100

85 68.6 45.8 85.2



#31

Carbon tetrachloride

Concen: 0.54 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV021474.D

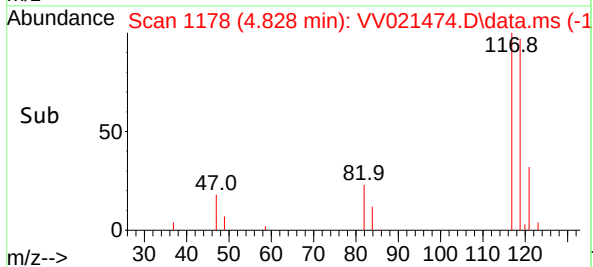
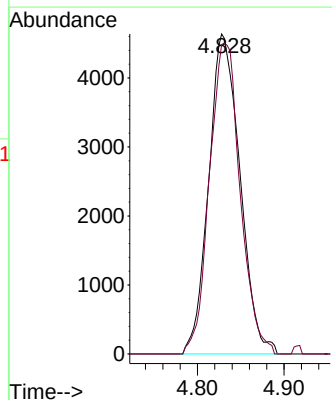
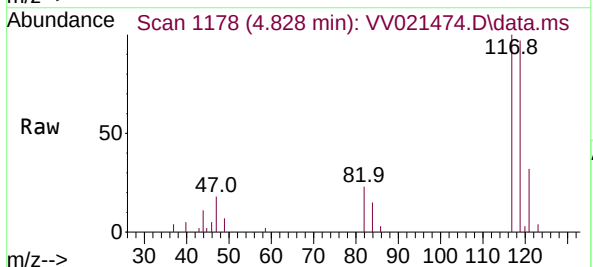
Acq: 02 Jun 2021 12:20

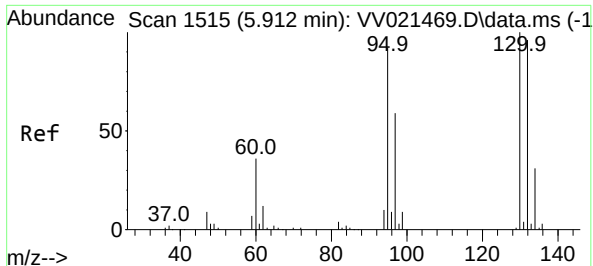
Tgt Ion: 117 Resp: 11621

Ion Ratio Lower Upper

117 100

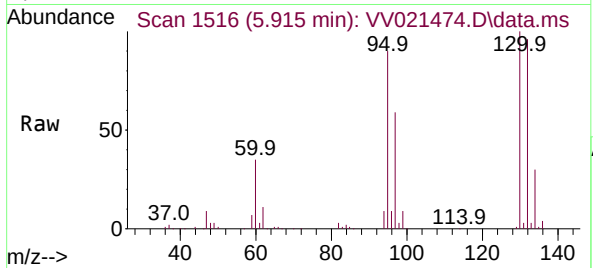
119 95.5 77.0 115.6



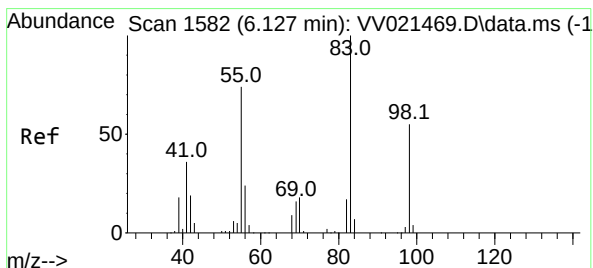
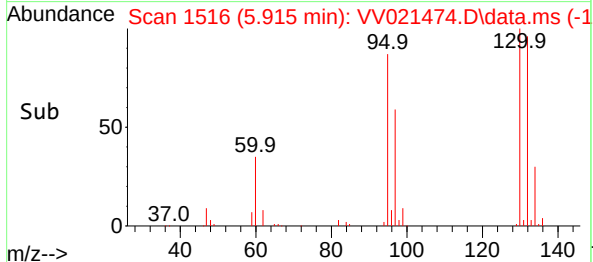
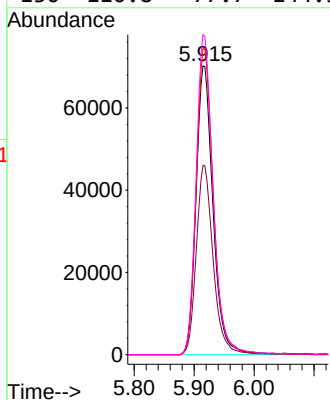


#34
Trichloroethene
Concen: 9.19 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

Instrument :
MSVOA_V
ClientSampled :

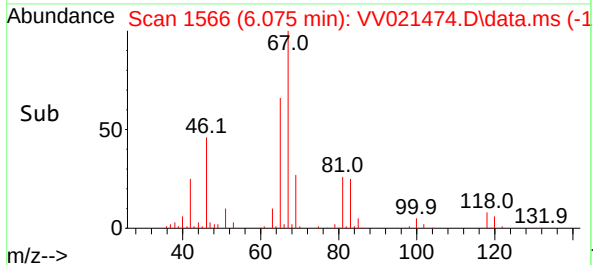
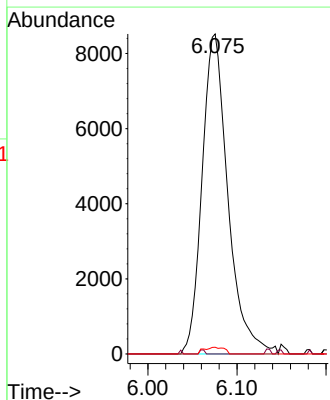
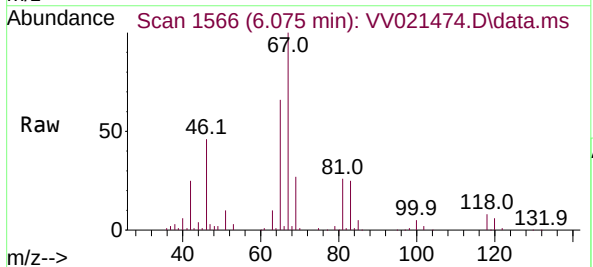


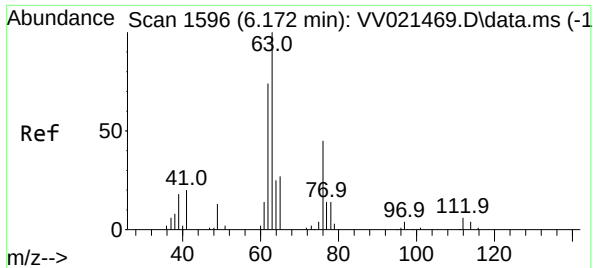
Tgt Ion: 95 Resp: 138518
Ion Ratio Lower Upper
95 100
97 65.5 45.4 84.4
132 106.0 74.5 138.3
130 110.8 77.7 144.3



#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.052 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

Tgt Ion: 83 Resp: 17170
Ion Ratio Lower Upper
83 100
55 0.2 57.7 86.5#
98 1.6 40.6 61.0#

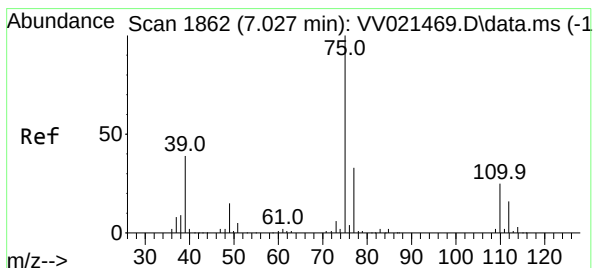
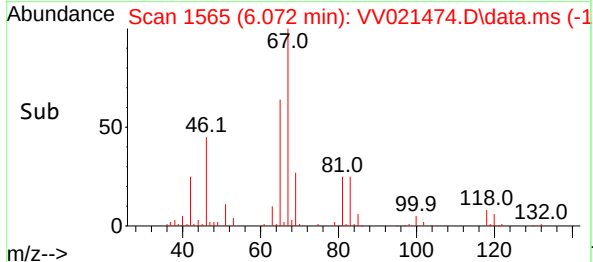
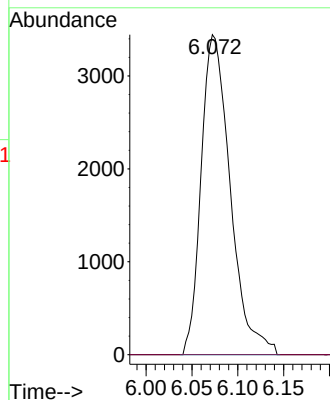
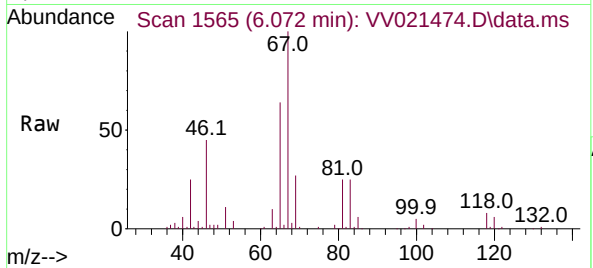




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

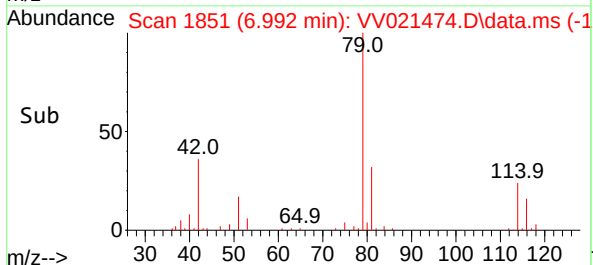
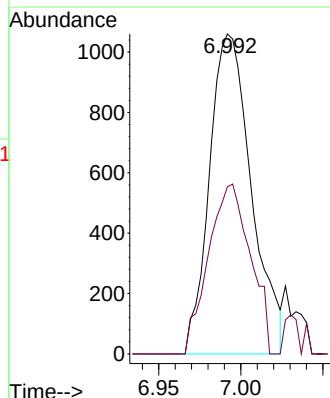
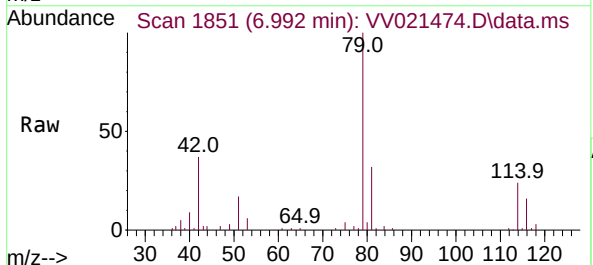
Instrument :
MSVOA_V
ClientSampleId :

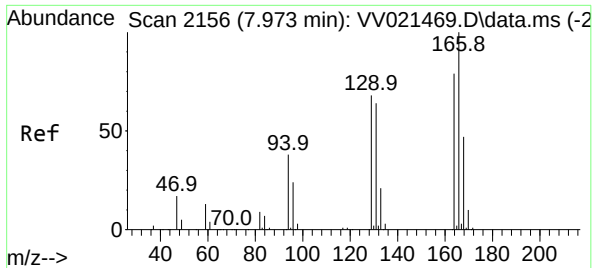
Tgt Ion: 63 Resp: 7610
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.036 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

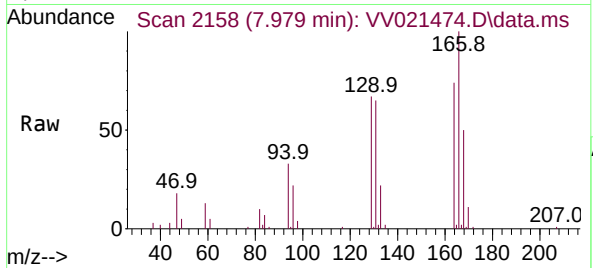
Tgt Ion: 75 Resp: 1885
Ion Ratio Lower Upper
75 100
77 52.3 22.8 42.4#



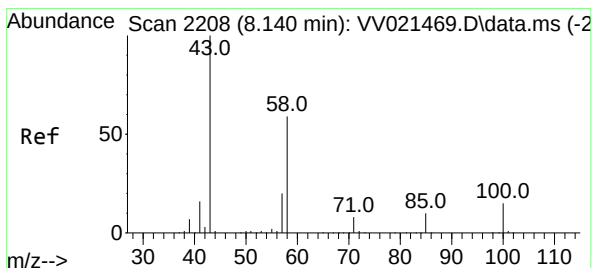
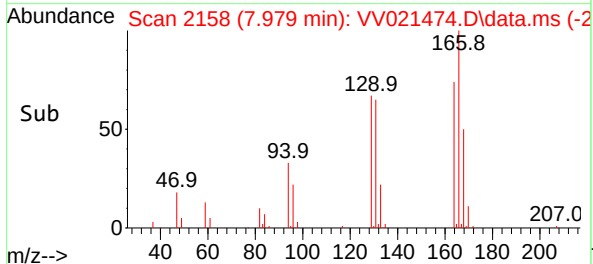
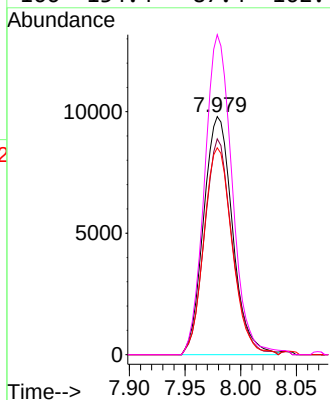


#47
Tetrachloroethene
Concen: 1.29 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

Instrument :
MSVOA_V
ClientSampled :

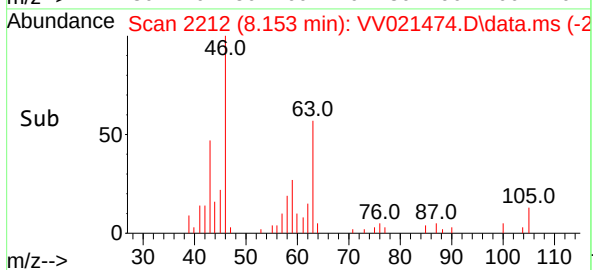
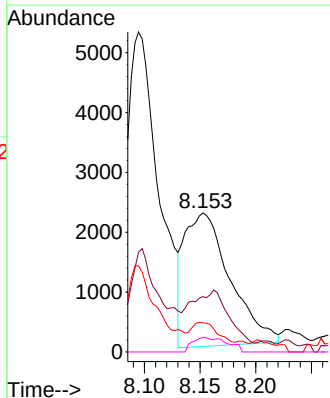
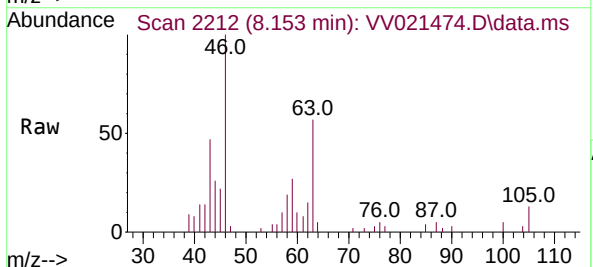


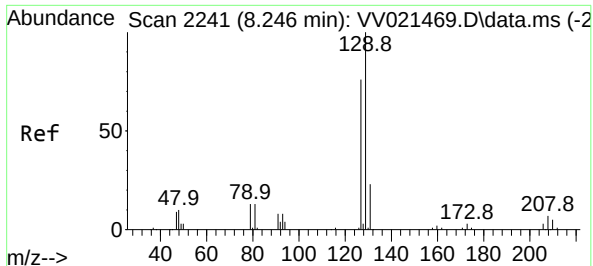
Tgt Ion:	164	Resp:	17730
Ion	Ratio	Lower	Upper
164	100		
129	90.7	61.8	114.8
131	86.9	57.8	107.4
166	134.4	87.4	162.4



#48
2-Hexanone
Concen: 1.12 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.013 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

Tgt Ion:	43	Resp:	6359
Ion	Ratio	Lower	Upper
43	100		
58	33.7	47.0	70.4#
57	14.9	15.4	23.2#
100	8.3	11.5	17.3#

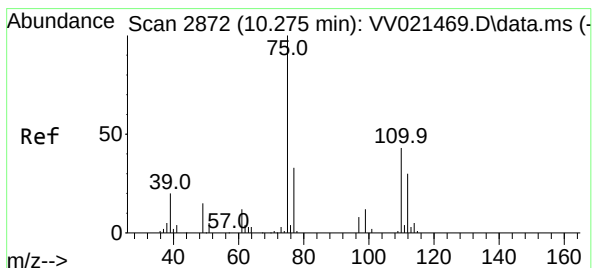
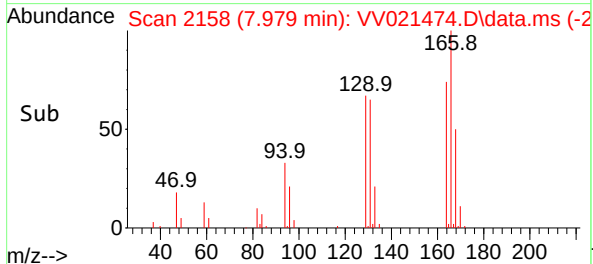
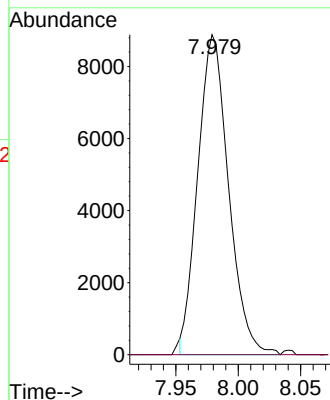
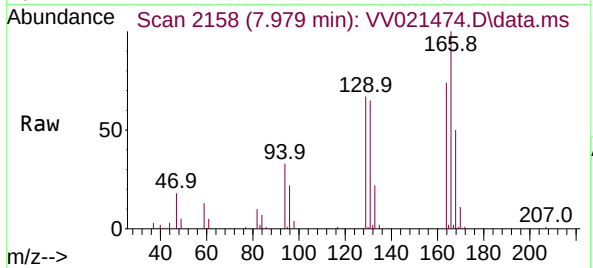




#49
Dibromochloromethane
Concen: 1.11 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:129 Resp: 15240
Ion Ratio Lower Upper
129 100
127 0.0 55.4 103.0#



#61
1,2,3-Trichloropropane
Concen: 1.35 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021474.D
Acq: 02 Jun 2021 12:20

Tgt Ion: 75 Resp: 11432
Ion Ratio Lower Upper
75 100
77 31.8 27.3 40.9
110 1.9 34.2 51.2#

