

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022818.D
 Acq On : 15 Oct 2021 01:51
 Operator : SY/MD
 Sample : M4223-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG98

Quant Time: Oct 16 03:57:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

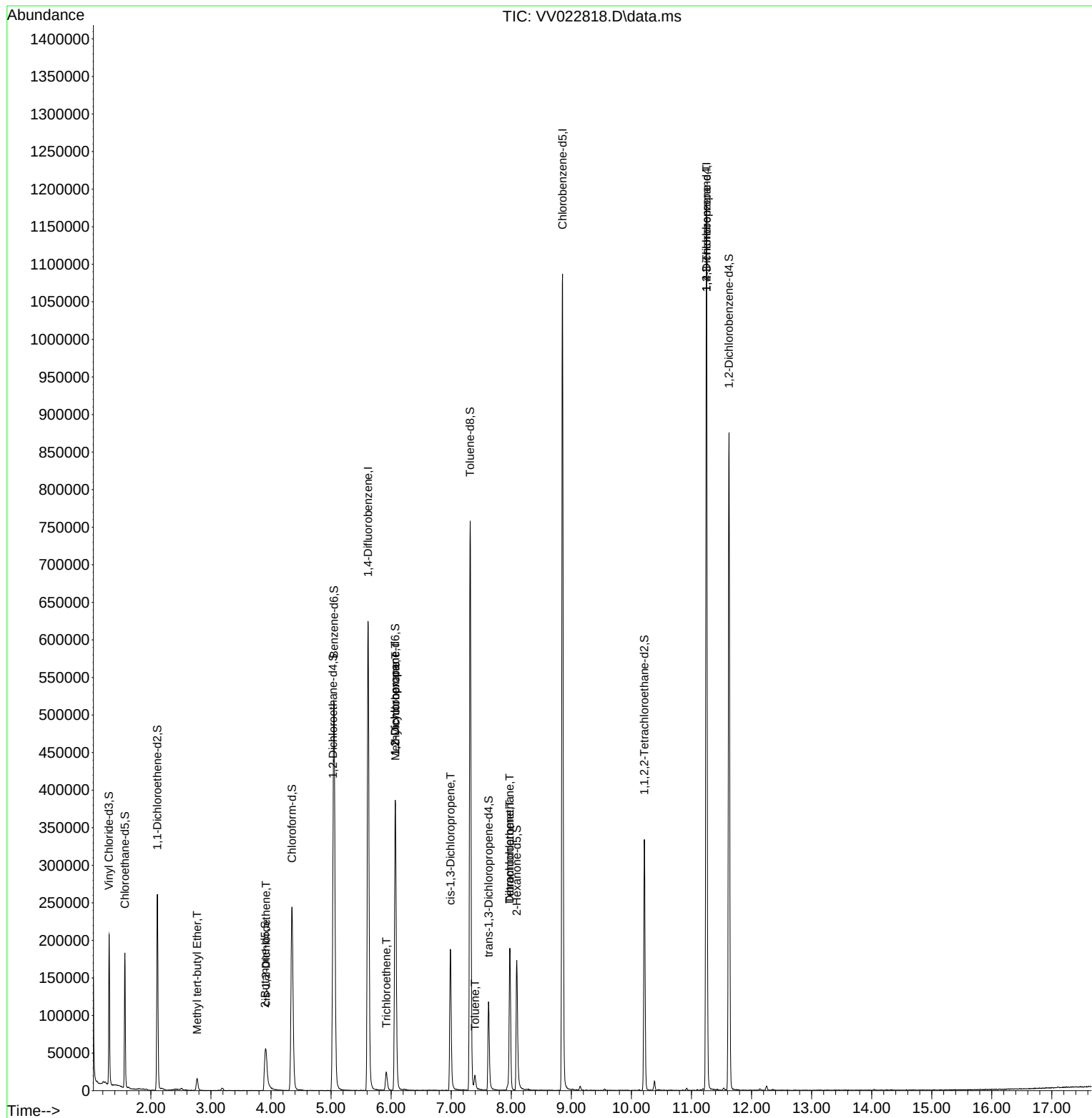
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	554732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	615359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	309150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128148	3.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.568	69	105296	3.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.400%#
11) 1,1-Dichloroethene-d2	2.108	63	133727	1.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	35.800%#
20) 2-Butanone-d5	3.902	46	60615	6.057	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	12.120%#
24) Chloroform-d	4.349	84	257167	3.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
26) 1,2-Dichloroethane-d4	5.034	65	127556	3.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
32) Benzene-d6	5.050	84	470478	2.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	51.400%#
36) 1,2-Dichloropropane-d6	6.069	67	188136	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.400%
41) Toluene-d8	7.317	98	499017	3.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.622	79	67260	3.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.092	63	60541	8.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	16.700%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	155133	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	231080	4.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.770	73	15484	0.191	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	18771	0.491	ug/L	90
34) Trichloroethene	5.921	95	8214	0.182	ug/L	92
35) Methylcyclohexane	6.072	83	46163	0.731	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	20283	0.509	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	4678	0.089	ug/L #	46
42) Toluene	7.397	91	14065	0.084	ug/L	98
47) Tetrachloroethene	7.976	164	44514	1.221	ug/L	98
49) Dibromochloromethane	7.976	129	38757	1.119	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	34435	1.603	ug/L #	64

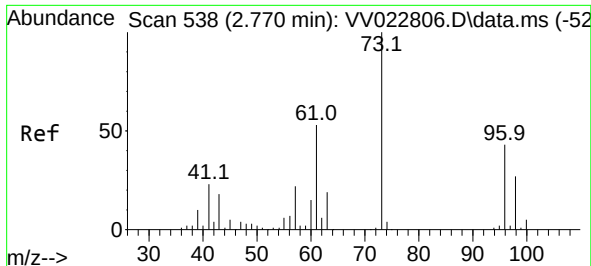
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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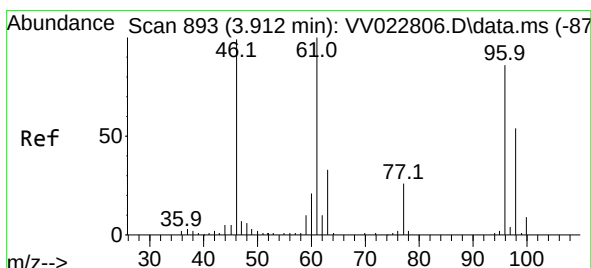
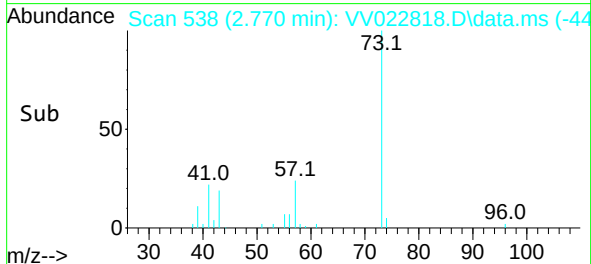
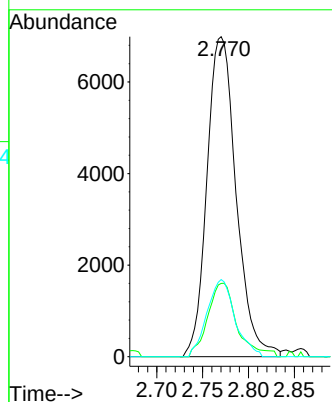
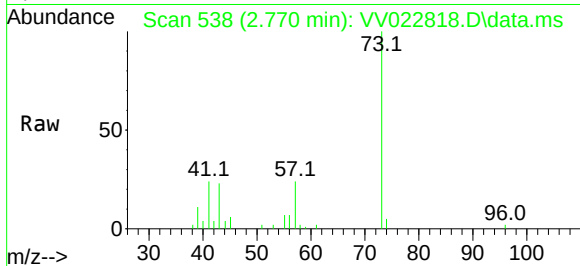




#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

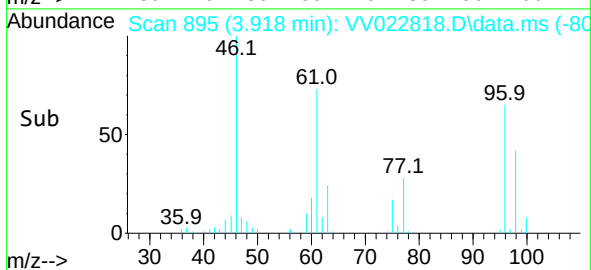
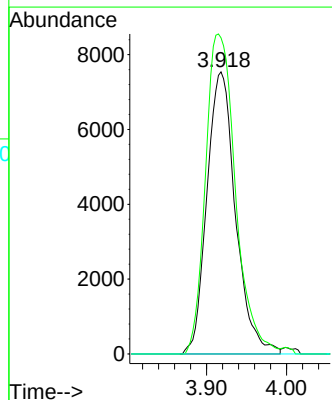
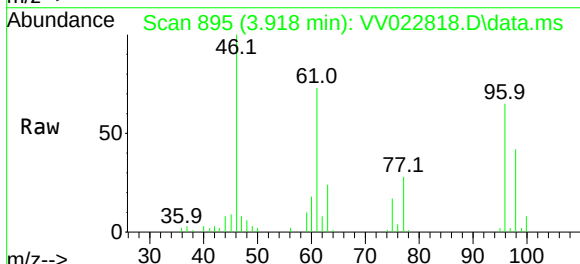
Instrument :
MSVOA_V
ClientSampleId :
BFG98

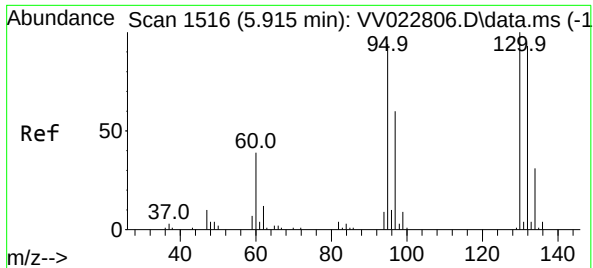
Tgt Ion: 73	Resp: 15484
Ion Ratio	Lower Upper
73 100	
43 22.8	17.1 25.7
57 23.0	17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 0.491 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

Tgt Ion: 96	Resp: 18771
Ion Ratio	Lower Upper
96 100	
61 112.1	86.0 159.6
68 0.0	0.0 0.0



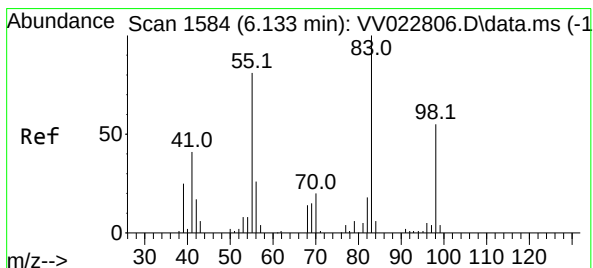
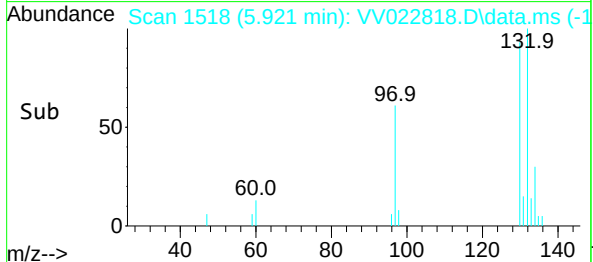
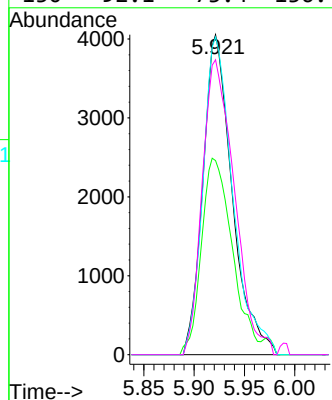
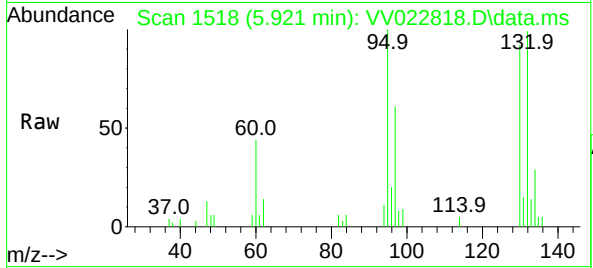


#34
Trichloroethene
Concen: 0.182 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

Instrument :
MSVOA_V
ClientSampleId :
BFG98

Tgt Ion: 95 Resp: 8214

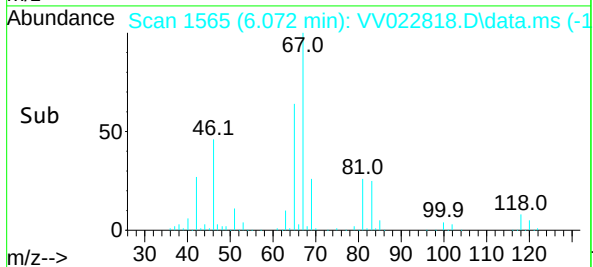
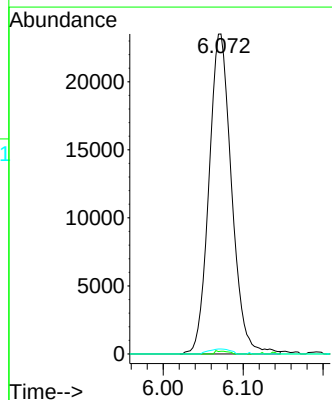
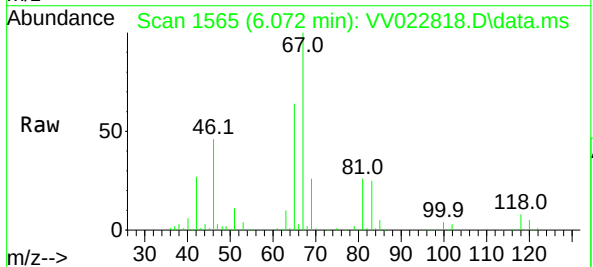
Ion	Ratio	Lower	Upper
95	100		
97	60.7	45.8	85.2
132	99.3	72.2	134.0
130	92.1	73.4	136.4

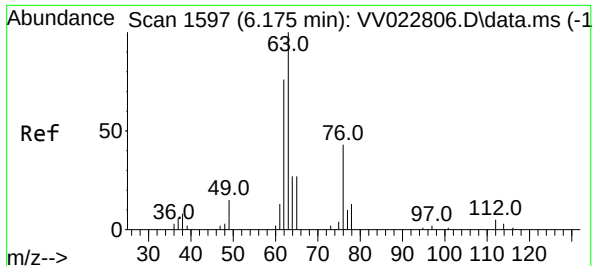


#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

Tgt Ion: 83 Resp: 46163

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.8	95.6#
98	1.5	42.1	63.1#

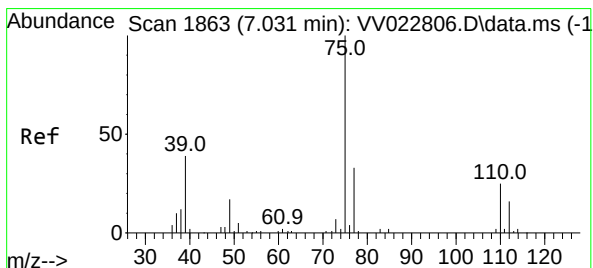
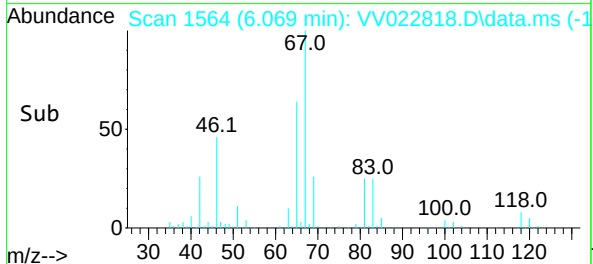
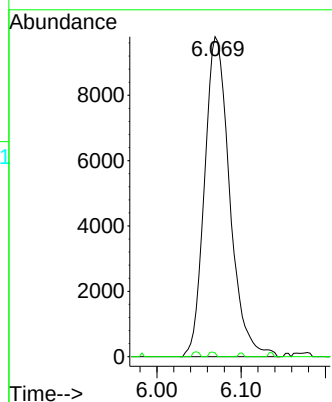
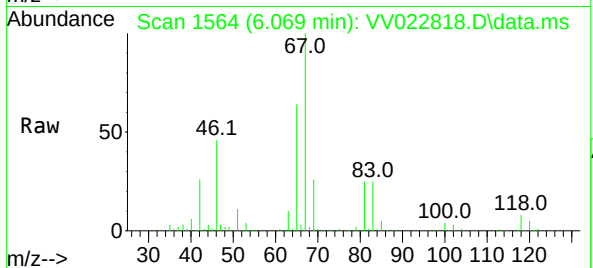




#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

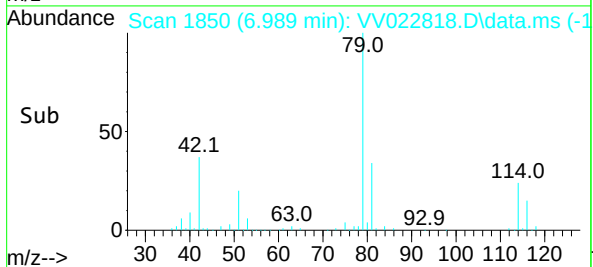
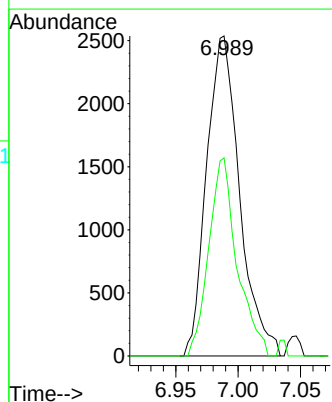
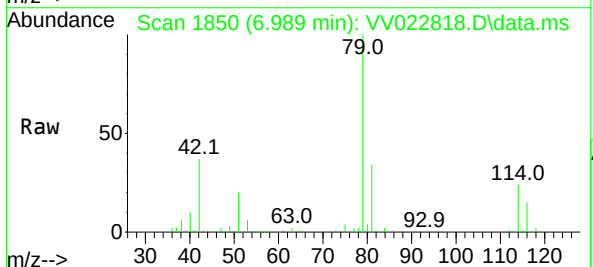
Instrument :
MSVOA_V
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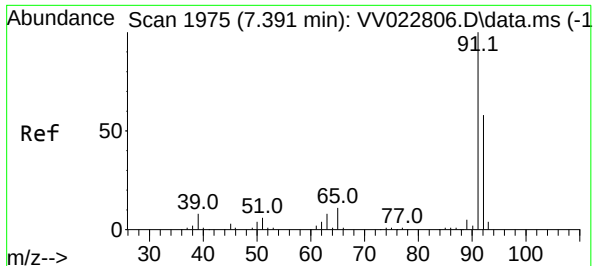
Tgt Ion: 63 Resp: 20283
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

Tgt Ion: 75 Resp: 4678
Ion Ratio Lower Upper
75 100
77 61.9 22.3 41.3#

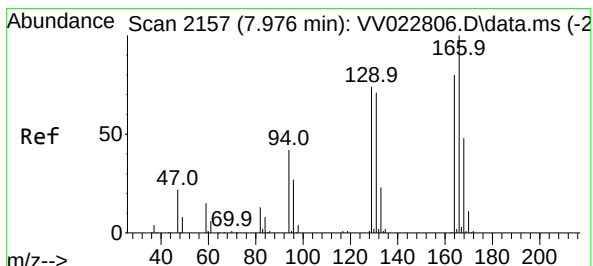
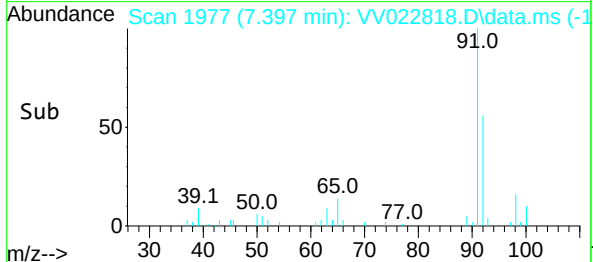
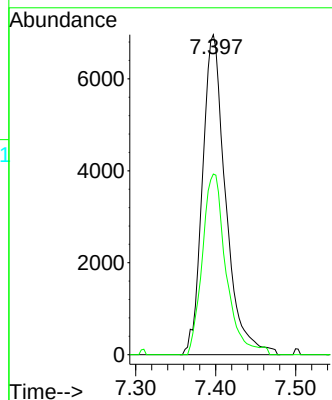
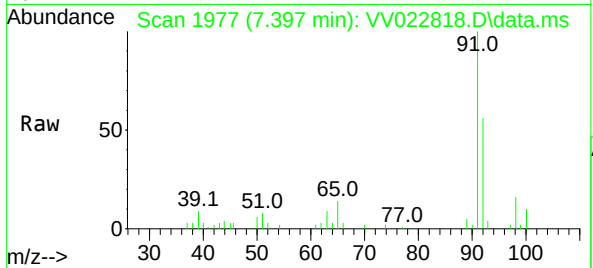




#42
Toluene
Concen: 0.084 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

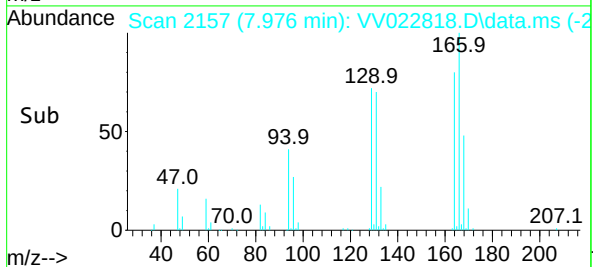
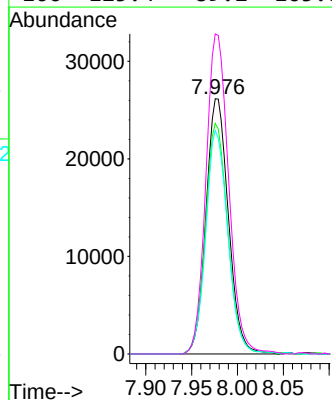
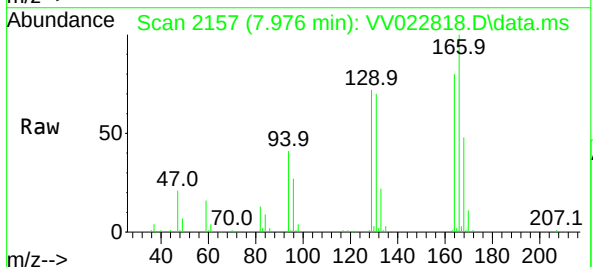
Instrument :
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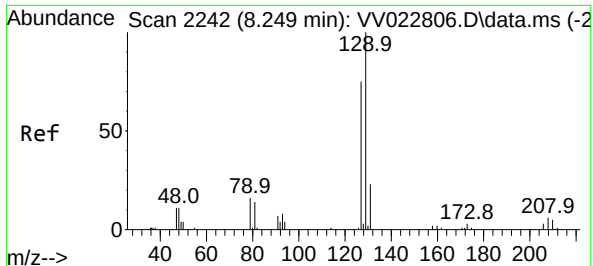
Tgt Ion: 91 Resp: 14065
Ion Ratio Lower Upper
91 100
92 56.4 40.7 75.7



#47
Tetrachloroethene
Concen: 1.221 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022818.D
Acq: 15 Oct 2021 01:51

Tgt Ion: 164 Resp: 44514
Ion Ratio Lower Upper
164 100
129 90.3 65.0 120.6
131 87.5 62.2 115.4
166 125.4 89.2 165.8





#49

Dibromochloromethane

Concen: 1.119 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022818.D

Acq: 15 Oct 2021 01:51

Tgt Ion: 129 Resp: 38757

Ion Ratio Lower Upper

129 100

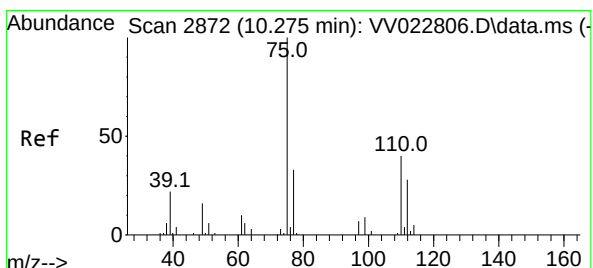
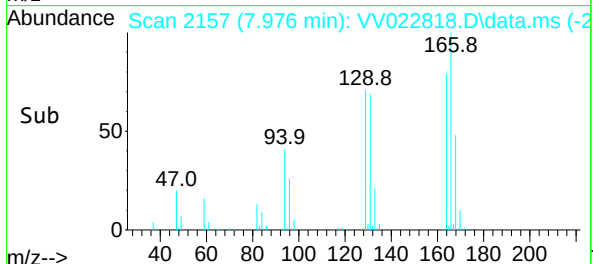
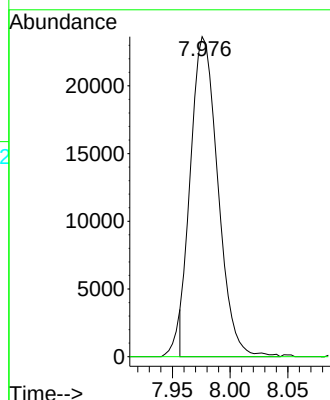
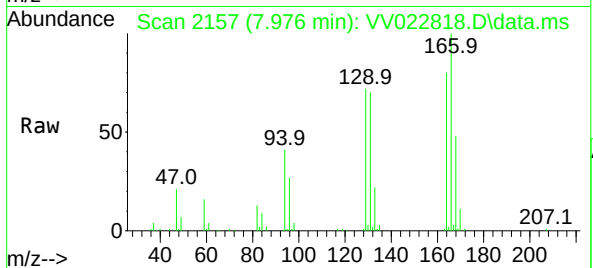
127 0.0 59.1 109.9#

Instrument :

MSVOA_V

ClientSampleId :

BFG98



#61

1,2,3-Trichloropropane

Concen: 1.603 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022818.D

Acq: 15 Oct 2021 01:51

Tgt Ion: 75 Resp: 34435

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

110 3.0 34.2 51.4#

