

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022819.D
 Acq On : 15 Oct 2021 02:15
 Operator : SY/MD
 Sample : M4223-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG99

Quant Time: Oct 16 03:57:26 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)

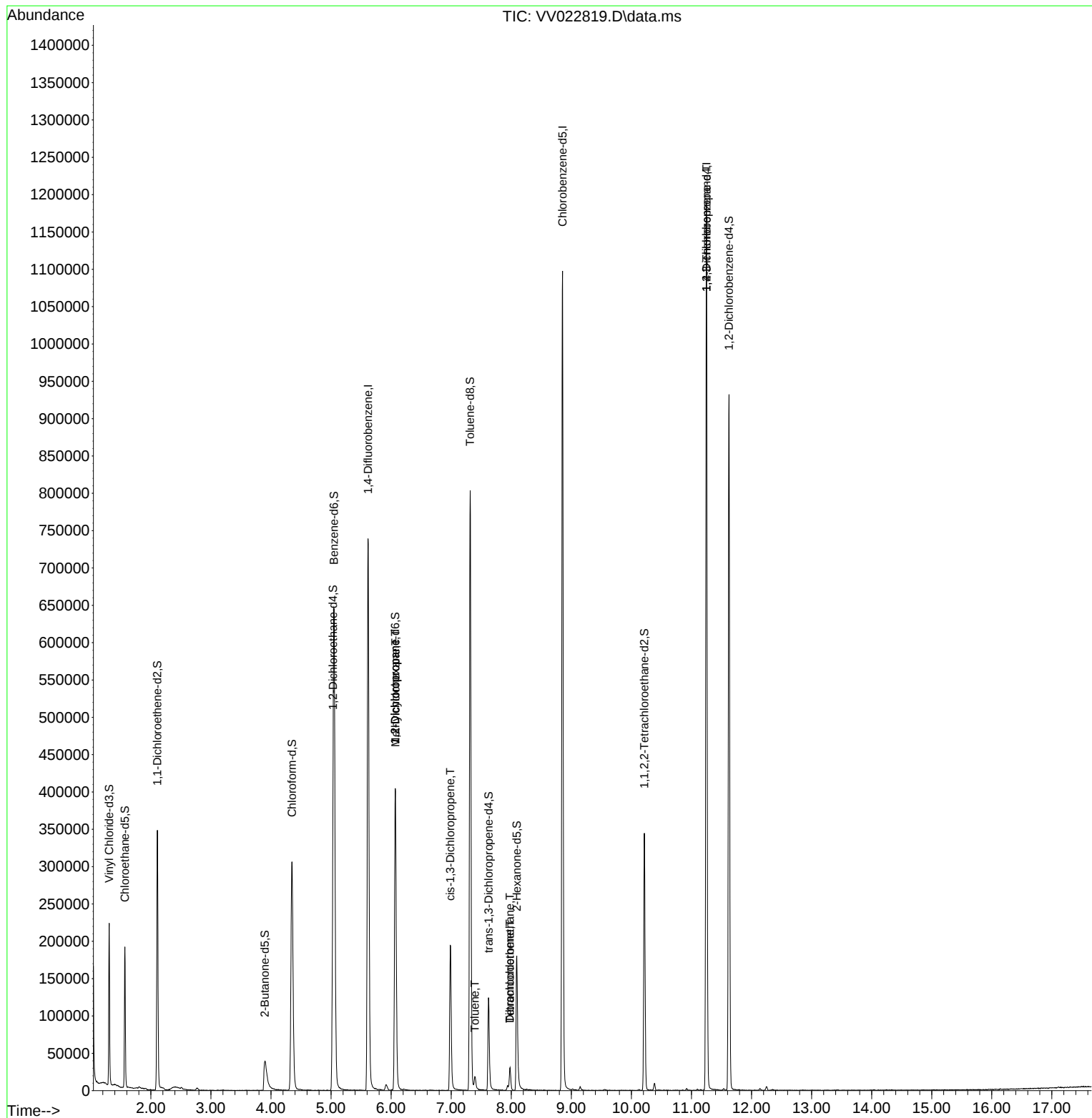
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	646064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	617861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	313198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	135700	3.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.568	69	112570	2.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.400%#
11) 1,1-Dichloroethene-d2	2.108	63	174124	1.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.000%#
20) 2-Butanone-d5	3.895	46	78391	6.726	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	13.460%#
24) Chloroform-d	4.349	84	321351	3.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
26) 1,2-Dichloroethane-d4	5.034	65	150935	3.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
32) Benzene-d6	5.050	84	594204	3.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	6.069	67	199866	3.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.400%
41) Toluene-d8	7.317	98	525271	3.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.622	79	70823	3.919	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.091	63	63826	8.765	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	17.520%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	163176	4.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	242966	4.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.072	83	48360	0.763	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	21480	0.537	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	5006	0.094	ug/L #	69
42) Toluene	7.394	91	13337	0.079	ug/L	99
47) Tetrachloroethene	7.979	164	7380	0.202	ug/L	88
49) Dibromochloromethane	7.979	129	6010	0.173	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	33771	1.552	ug/L #	64

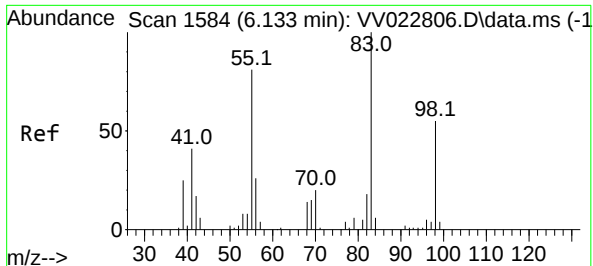
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.072 min Scan# 1565

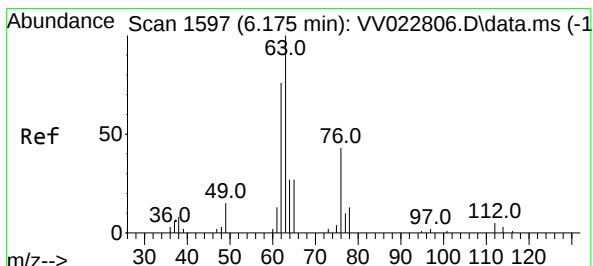
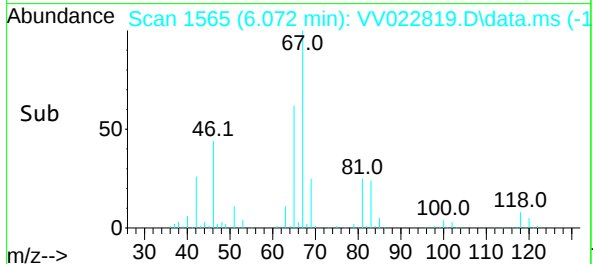
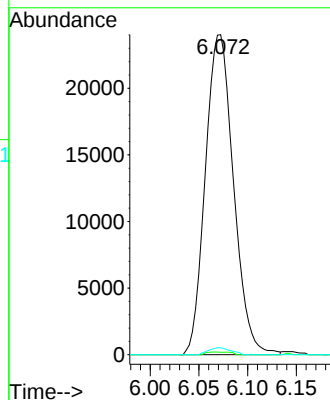
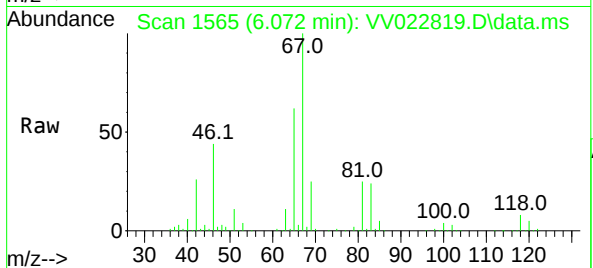
Delta R.T. -0.061 min

Lab File: VV022819.D

Acq: 15 Oct 2021 02:15

Tgt Ion:	83	Resp:	48360
Ion Ratio	Lower	Upper	
83	100		
55	0.4	63.8	95.6#
98	1.7	42.1	63.1#

Instrument :
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BFG99



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

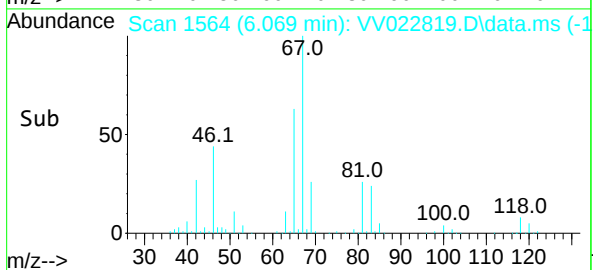
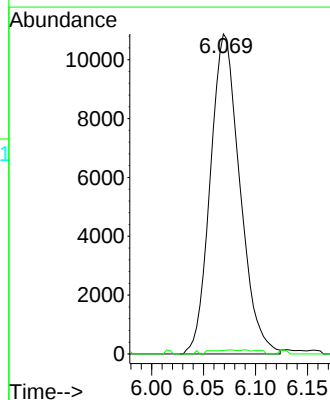
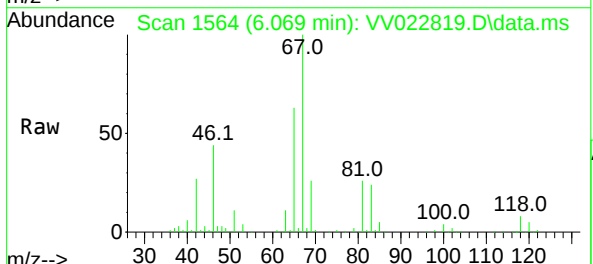
RT: 6.069 min Scan# 1564

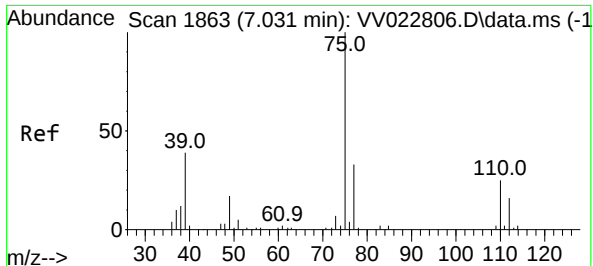
Delta R.T. -0.106 min

Lab File: VV022819.D

Acq: 15 Oct 2021 02:15

Tgt Ion:	63	Resp:	21480
Ion Ratio	Lower	Upper	
63	100		
112	1.1	4.4	6.6#

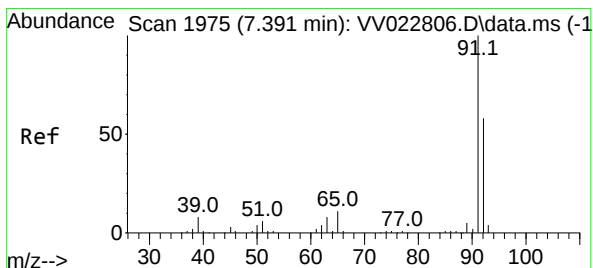
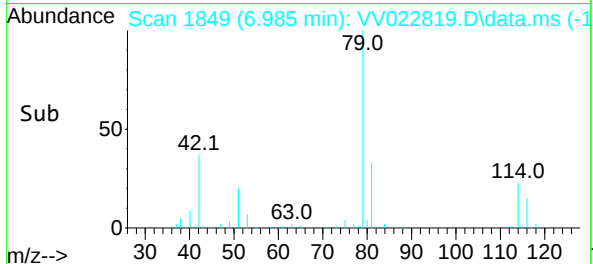
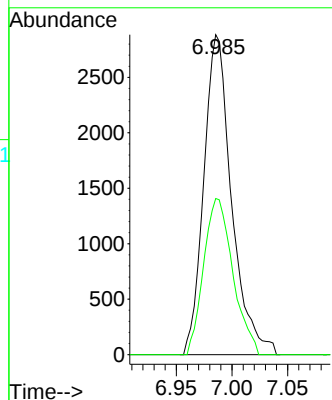
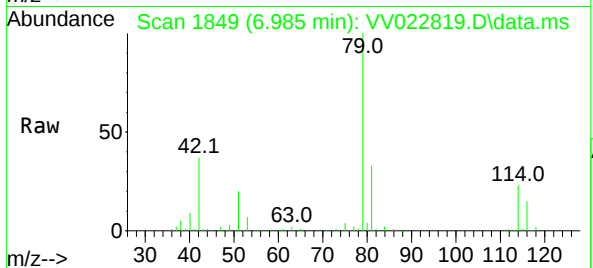




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022819.D
Acq: 15 Oct 2021 02:15

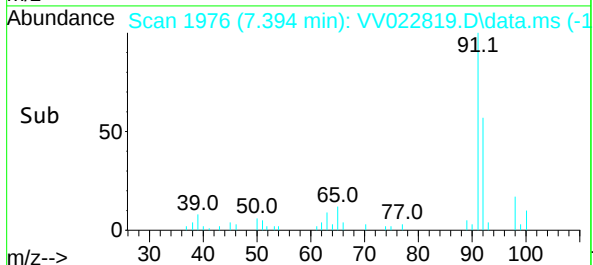
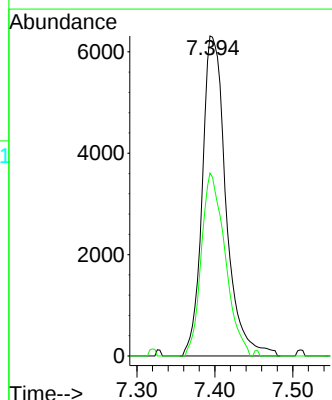
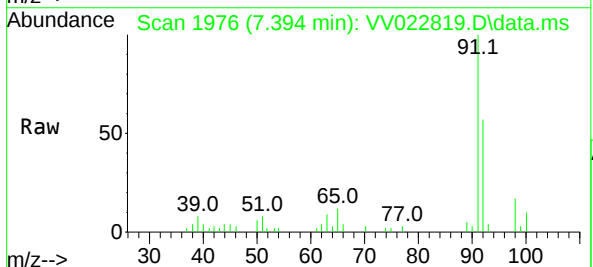
Instrument :
MSVOA_V
ClientSampleId :
BFG99

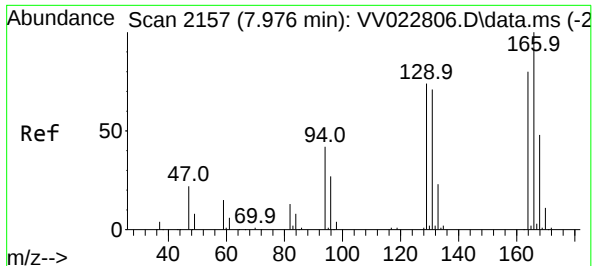
Tgt Ion: 75 Resp: 5006
Ion Ratio Lower Upper
75 100
77 48.8 22.3 41.3#



#42
Toluene
Concen: 0.079 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022819.D
Acq: 15 Oct 2021 02:15

Tgt Ion: 91 Resp: 13337
Ion Ratio Lower Upper
91 100
92 57.1 40.7 75.7

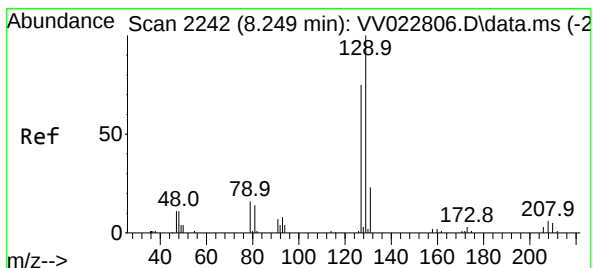
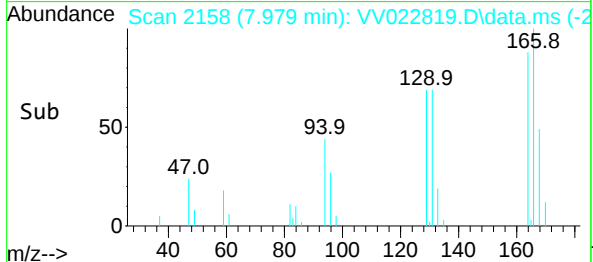
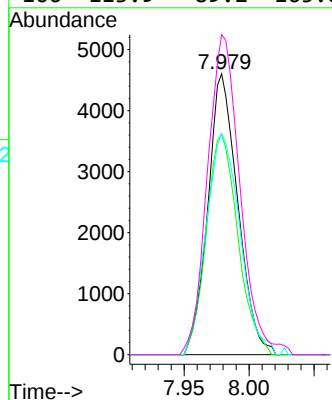
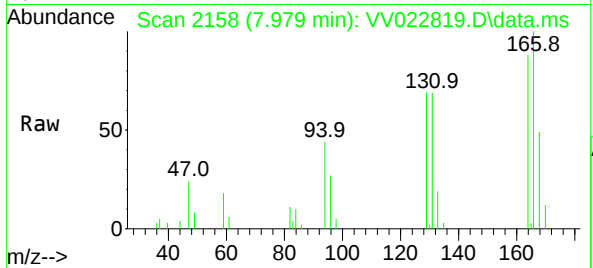




#47
Tetrachloroethene
Concen: 0.202 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022819.D
Acq: 15 Oct 2021 02:15

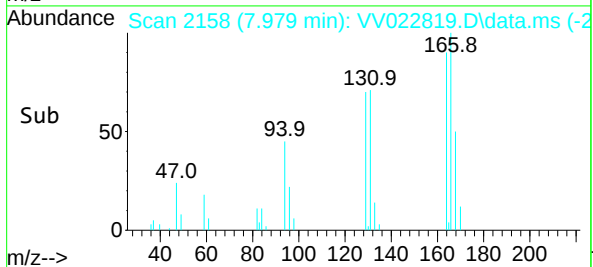
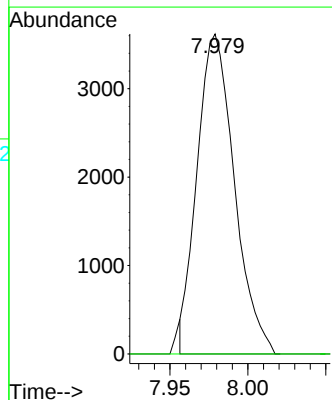
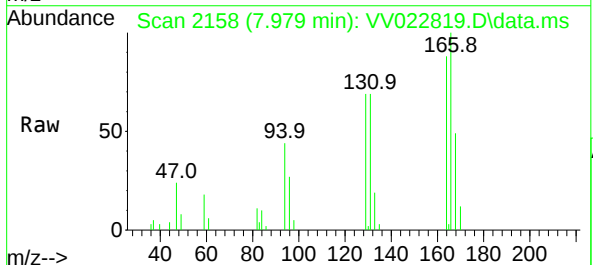
Instrument :
MSVOA_V
ClientSampleId :
BFG99

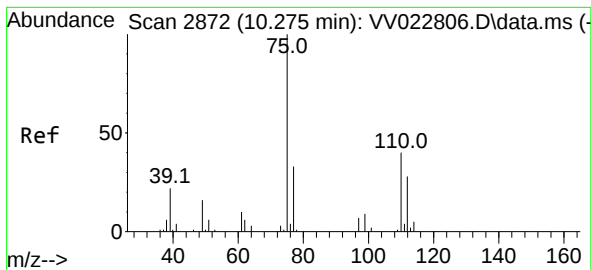
Tgt Ion:164 Resp: 7380
Ion Ratio Lower Upper
164 100
129 78.6 65.0 120.6
131 78.7 62.2 115.4
166 113.9 89.2 165.8



#49
Dibromochloromethane
Concen: 0.173 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV022819.D
Acq: 15 Oct 2021 02:15

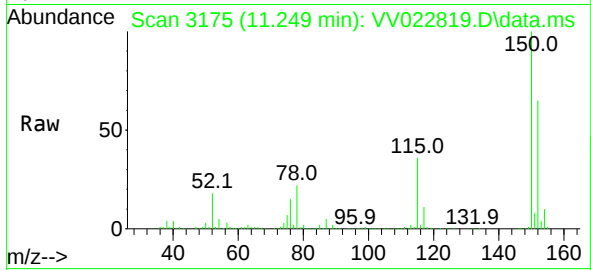
Tgt Ion:129 Resp: 6010
Ion Ratio Lower Upper
129 100
127 0.0 59.1 109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.552 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022819.D
 Acq: 15 Oct 2021 02:15

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG99



Tgt Ion: 75 Resp: 33771
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2
 110 3.0 34.2 51.4#

