

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022820.D
 Acq On : 15 Oct 2021 02:39
 Operator : SY/MD
 Sample : M4223-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA0

Quant Time: Oct 16 03:57:35 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)

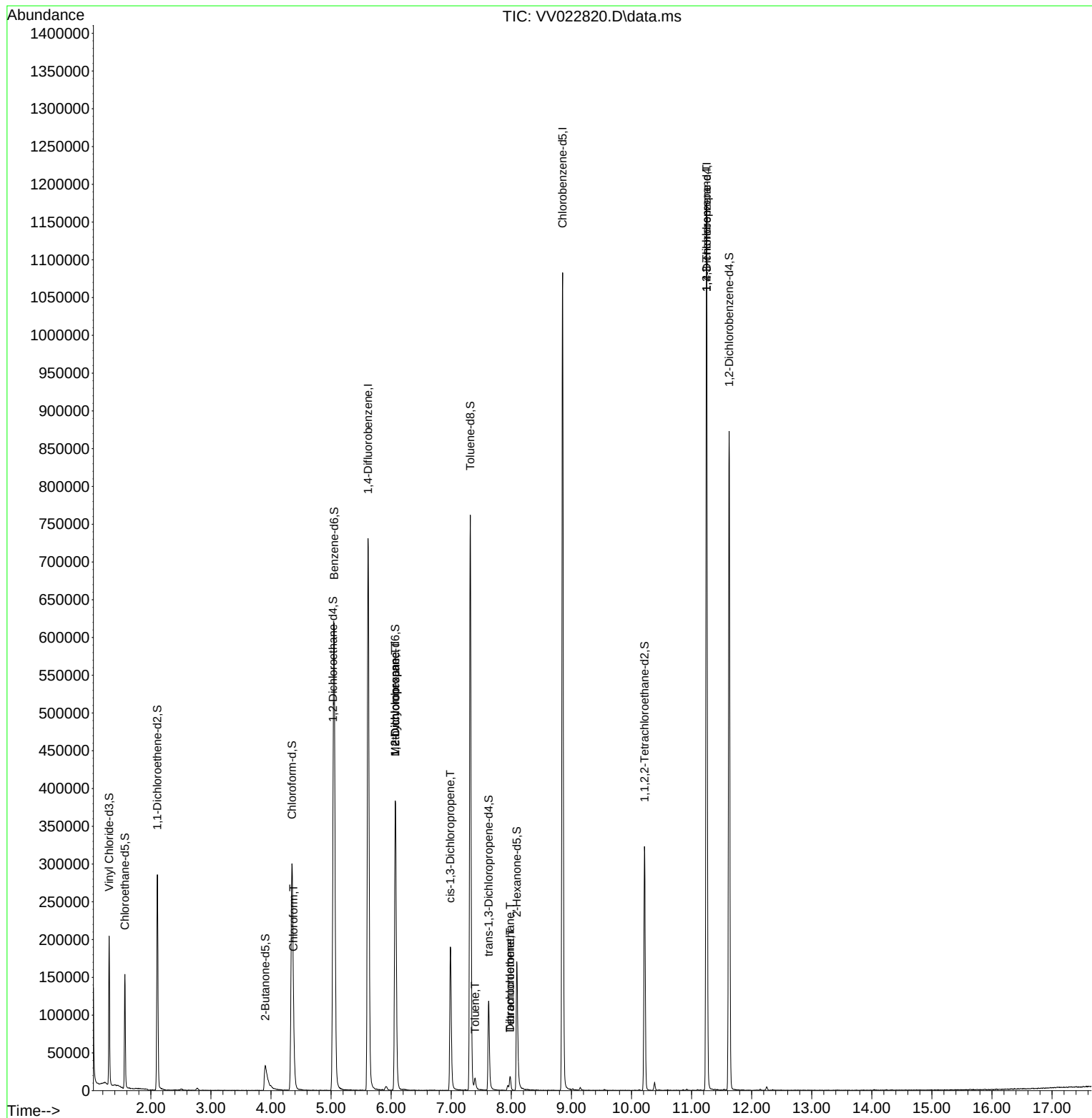
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	643544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	609857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	310406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	125842	2.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.568	69	90038	2.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	45.200%#
11) 1,1-Dichloroethene-d2	2.108	63	147045	1.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.800%#
20) 2-Butanone-d5	3.905	46	73839	6.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	12.720%#
24) Chloroform-d	4.349	84	309081	3.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
26) 1,2-Dichloroethane-d4	5.034	65	145576	3.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.800%#
32) Benzene-d6	5.050	84	563263	3.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.000%#
36) 1,2-Dichloropropane-d6	6.069	67	189509	3.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.400%
41) Toluene-d8	7.317	98	497543	3.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.400%#
43) trans-1,3-Dichloroprop...	7.622	79	67997	3.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.091	63	60332	8.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	16.780%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154627	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	231246	4.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						Qvalue
25) Chloroform	4.375	83	33792	0.383	ug/L	98
35) Methylcyclohexane	6.069	83	46793	0.748	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	20560	0.520	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	4614	0.088	ug/L #	54
42) Toluene	7.397	91	10353	0.062	ug/L	99
47) Tetrachloroethene	7.979	164	4240	0.117	ug/L	97
49) Dibromochloromethane	7.979	129	3937	0.115	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	34136	1.583	ug/L #	64

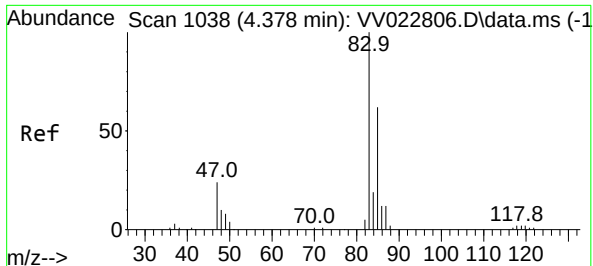
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 16 03:54:29 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 0.383 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022820.D

Acq: 15 Oct 2021 02:39

Tgt Ion: 83 Resp: 33792

Ion Ratio Lower Upper

83 100

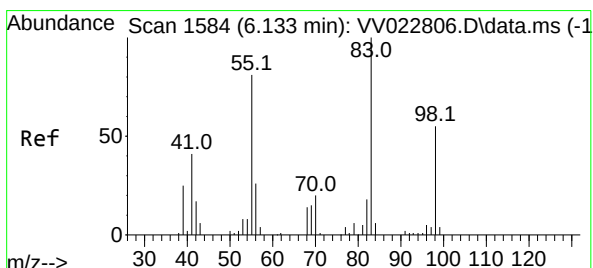
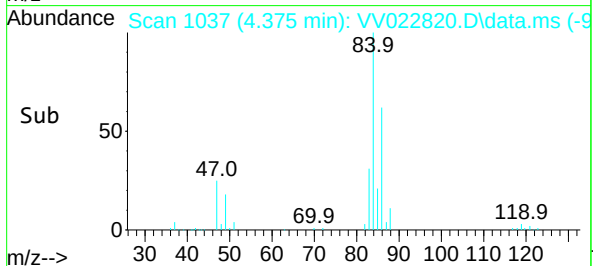
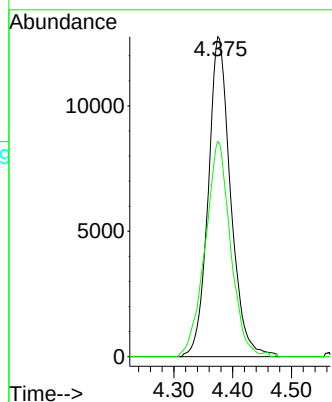
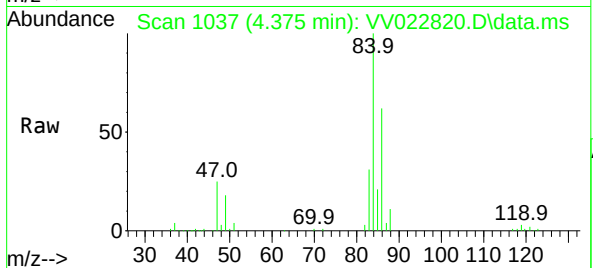
85 67.2 45.7 84.9

Instrument :

MSVOA_V

ClientSampleId :

BFGA0



#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV022820.D

Acq: 15 Oct 2021 02:39

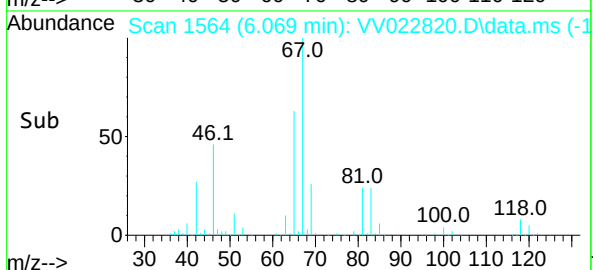
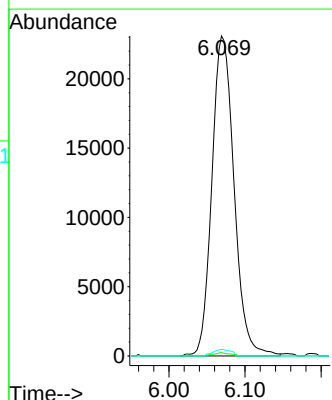
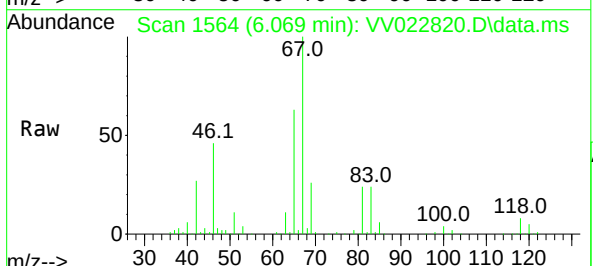
Tgt Ion: 83 Resp: 46793

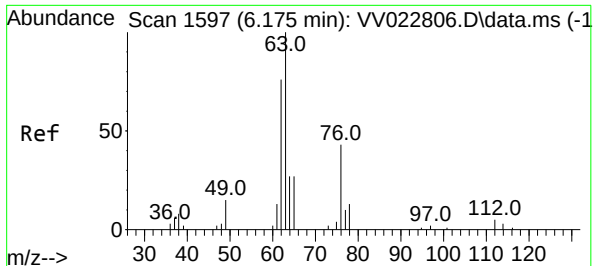
Ion Ratio Lower Upper

83 100

55 0.8 63.8 95.6#

98 1.6 42.1 63.1#



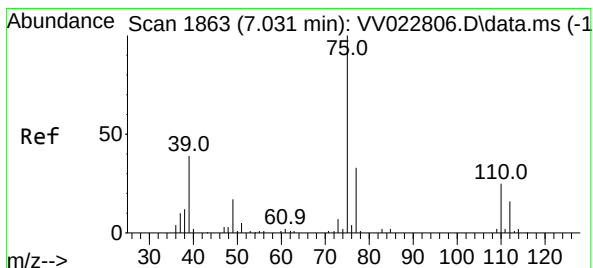
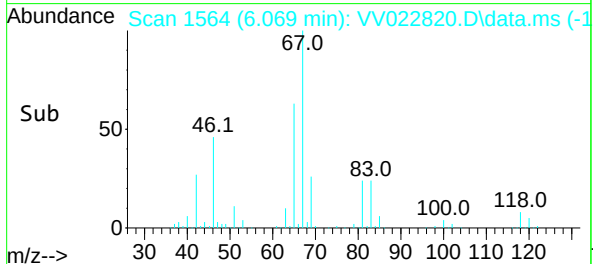
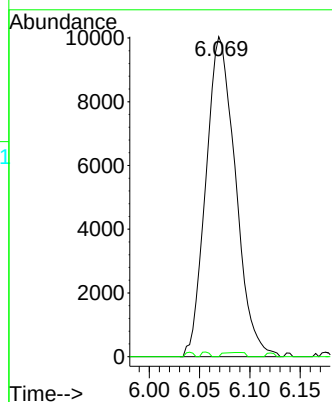
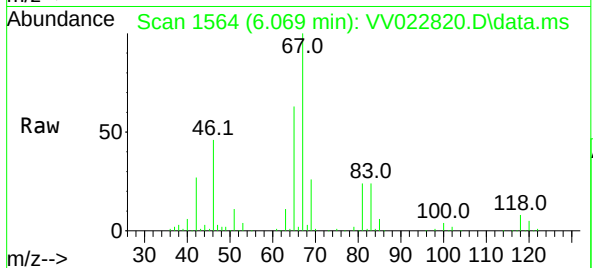


#37

1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022820.D
Acq: 15 Oct 2021 02:39

Instrument :
MSVOA_V
ClientSampled :
BFGA0

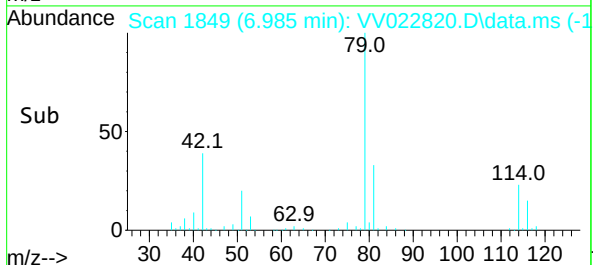
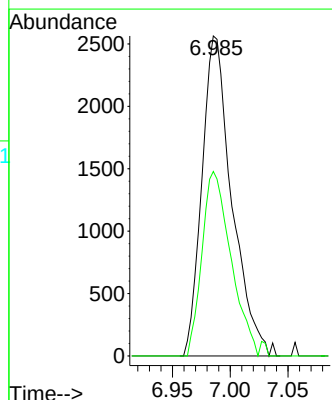
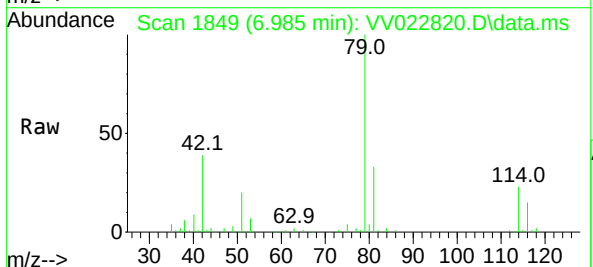
Tgt Ion: 63 Resp: 20560
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#

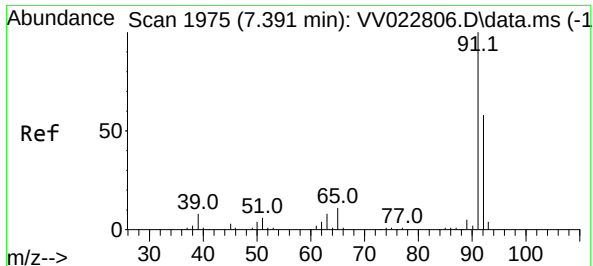


#39

cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022820.D
Acq: 15 Oct 2021 02:39

Tgt Ion: 75 Resp: 4614
Ion Ratio Lower Upper
75 100
77 57.6 22.3 41.3#





#42

Toluene

Concen: 0.062 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV022820.D

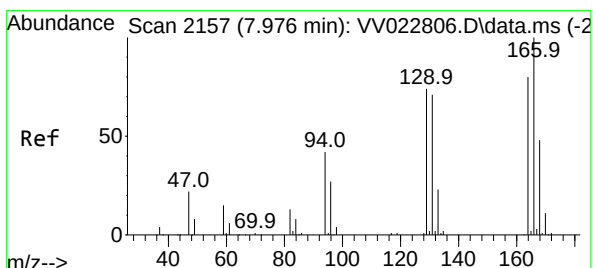
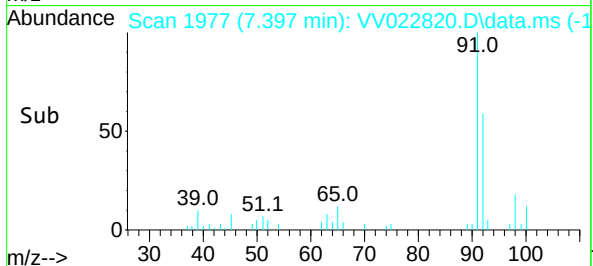
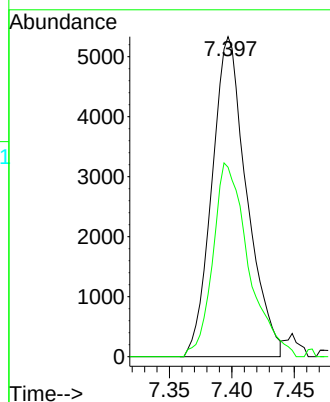
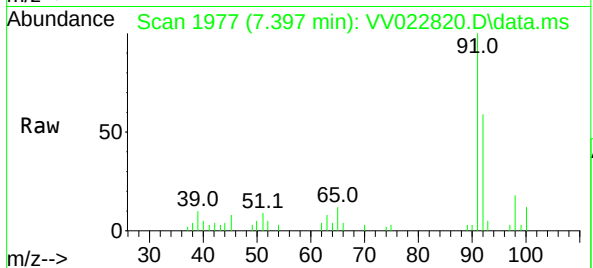
Acq: 15 Oct 2021 02:39

Tgt Ion: 91 Resp: 10353

Ion Ratio Lower Upper

91 100

92 59.2 40.7 75.7



#47

Tetrachloroethene

Concen: 0.117 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022820.D

Acq: 15 Oct 2021 02:39

Tgt Ion: 164 Resp: 4240

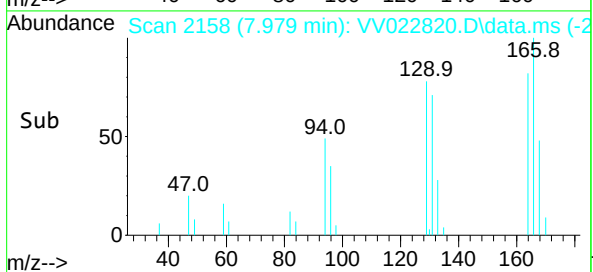
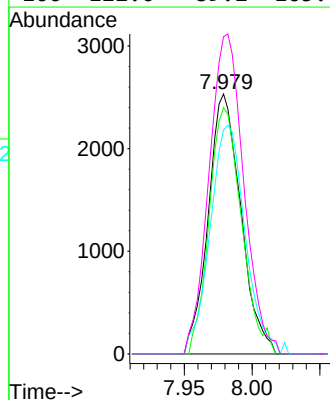
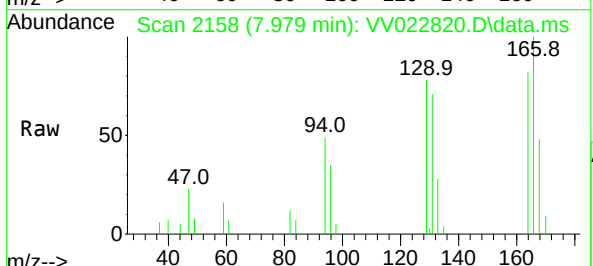
Ion Ratio Lower Upper

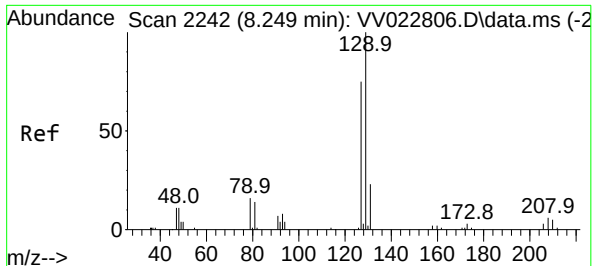
164 100

129 94.7 65.0 120.6

131 86.1 62.2 115.4

166 122.0 89.2 165.8





#49

Dibromochloromethane

Concen: 0.115 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV022820.D

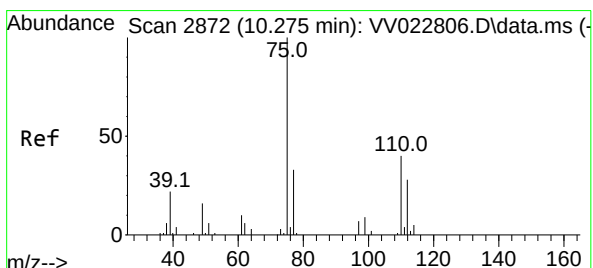
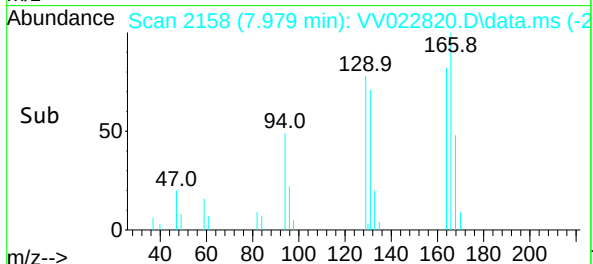
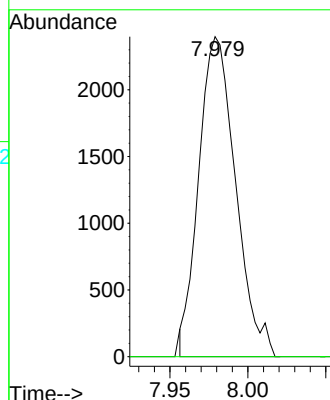
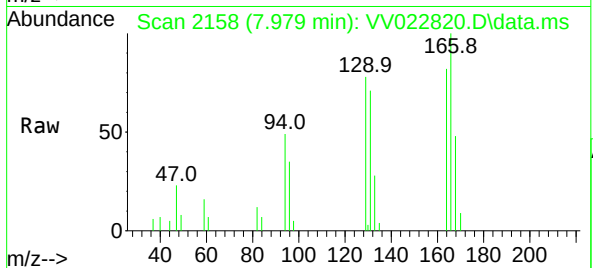
Acq: 15 Oct 2021 02:39

Tgt Ion:129 Resp: 3937

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.583 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022820.D

Acq: 15 Oct 2021 02:39

Tgt Ion: 75 Resp: 34136

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

110 2.9 34.2 51.4#

