

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031523\
 Data File : VV030212.D
 Acq On : 15 Mar 2023 15:24
 Operator : SY/MD
 Sample : 01884-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 16 01:52:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 16 01:47:11 2023
 Response via : Initial Calibration

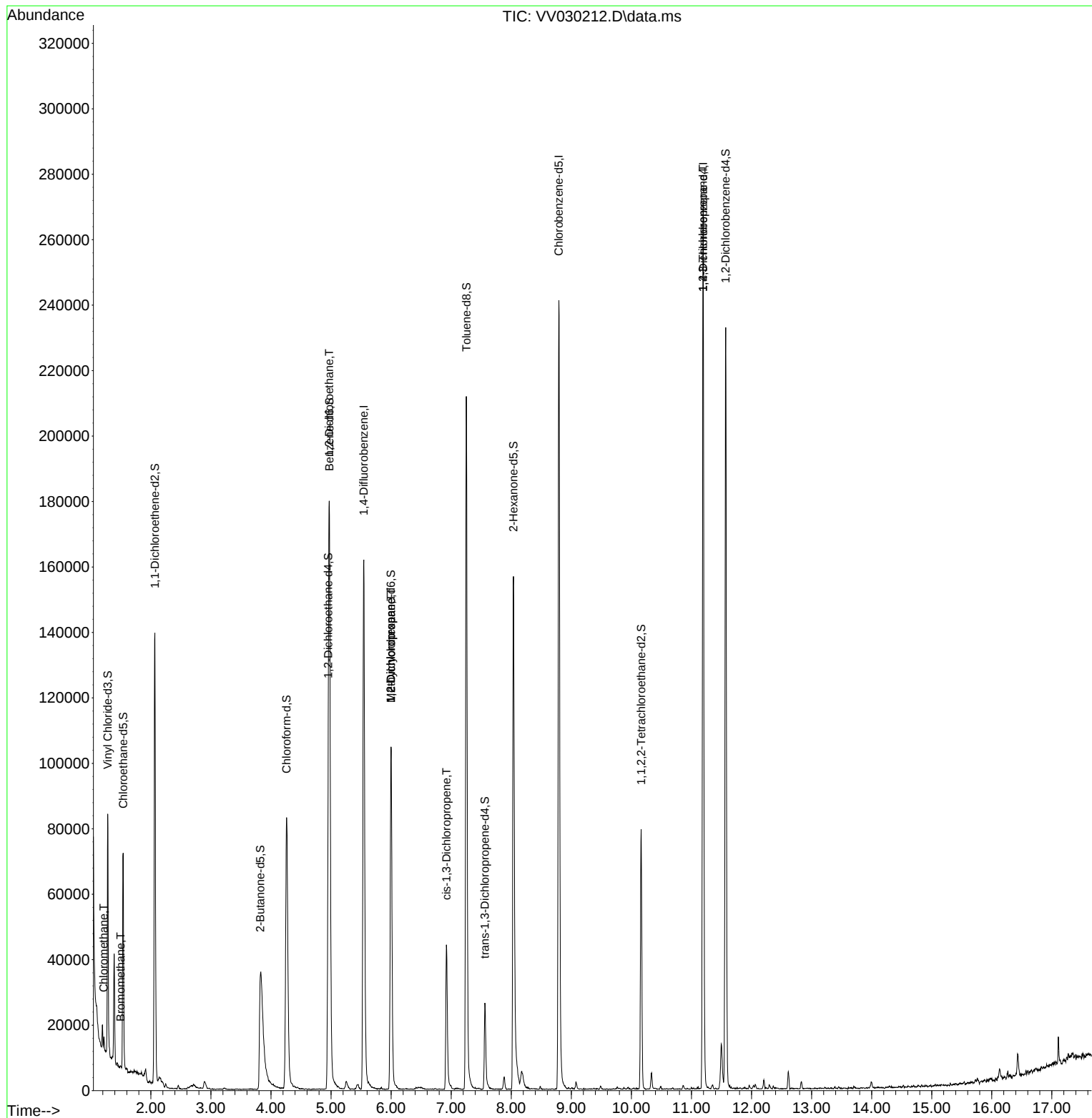
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	150313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	147480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	76977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48650	5.002	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.000%	
7) Chloroethane-d5	1.539	69	44097	4.830	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.066	63	73107	3.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	3.821	46	70266	39.185	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.380%	
24) Chloroform-d	4.259	84	95265	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	4.953	65	39581	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	4.973	84	179630	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	5.998	67	55951	4.687	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.252	98	153322	4.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	7.561	79	18450	4.517	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.037	63	63087	37.334	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.660%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39378	4.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	63775	4.897	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						
3) Chloromethane	1.217	50	3096	0.161	ug/L	96
6) Bromomethane	1.497	94	390	0.170	ug/L #	70
27) 1,2-Dichloroethane	4.969	62	919	0.094	ug/L #	71
35) Methylcyclohexane	5.998	83	13947	0.817	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5607	0.547	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1119	0.075	ug/L #	59
61) 1,2,3-Trichloropropane	11.191	75	7723	1.499	ug/L #	63

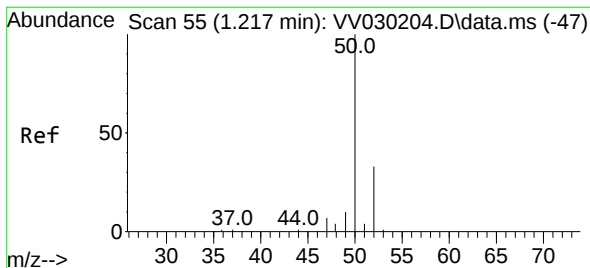
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030212.D

Acq: 15 Mar 2023 15:24

Instrument :

MSVOA_V

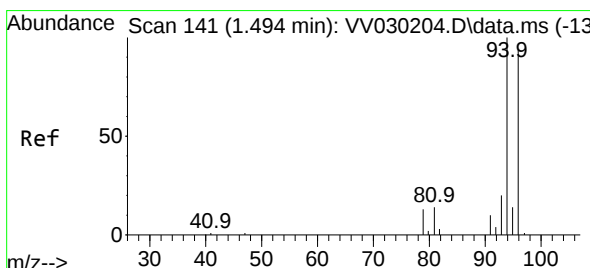
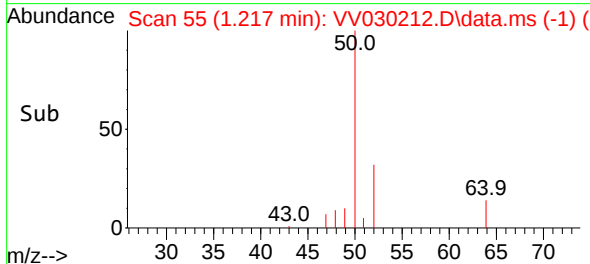
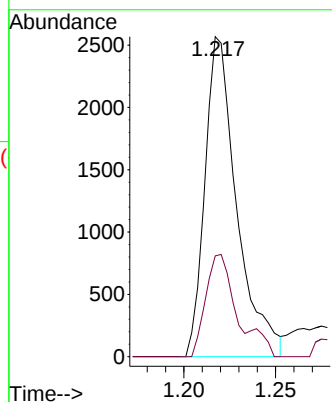
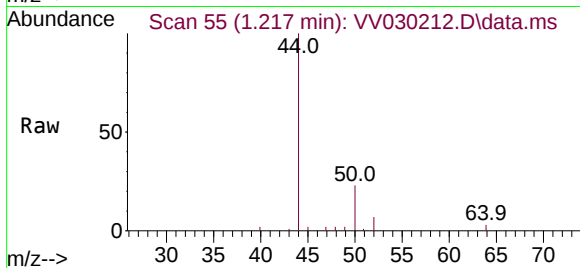
ClientSampleId :

Tgt Ion: 50 Resp: 3096

Ion Ratio Lower Upper

50 100

52 31.5 23.6 43.8



#6

Bromomethane

Concen: 0.170 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.003 min

Lab File: VV030212.D

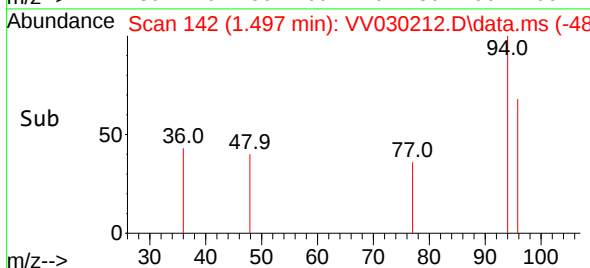
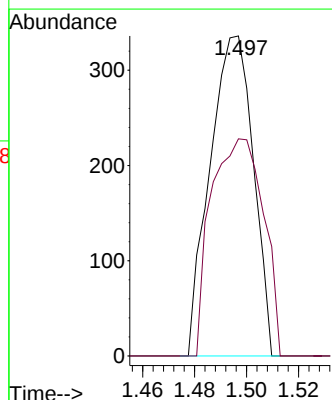
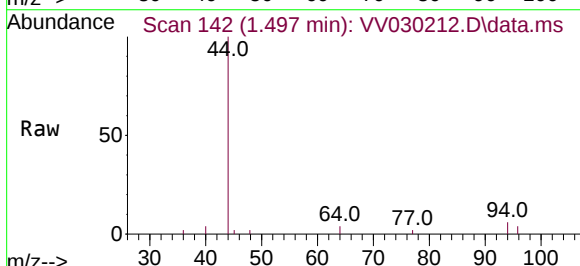
Acq: 15 Mar 2023 15:24

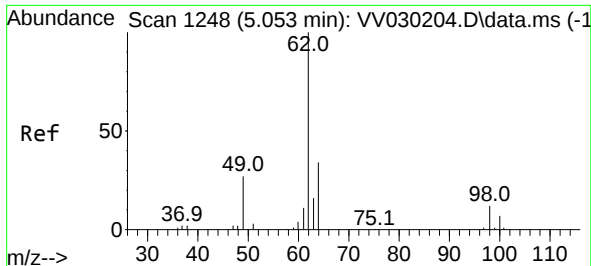
Tgt Ion: 94 Resp: 390

Ion Ratio Lower Upper

94 100

96 67.9 68.4 127.0#

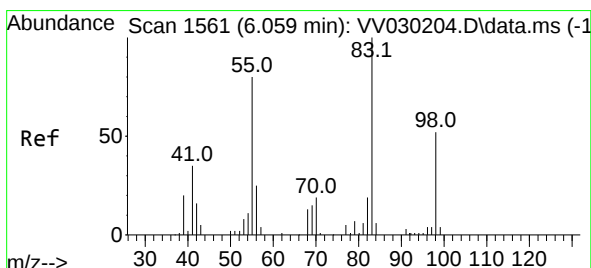
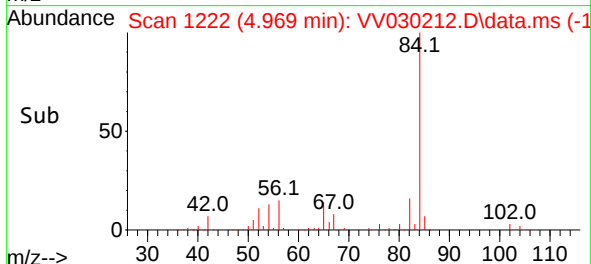
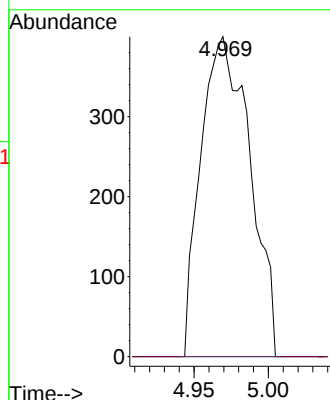
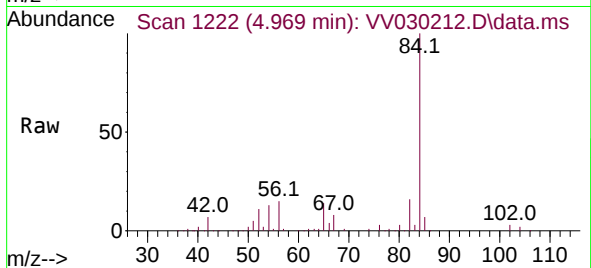




#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 4.969 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV030212.D
Acq: 15 Mar 2023 15:24

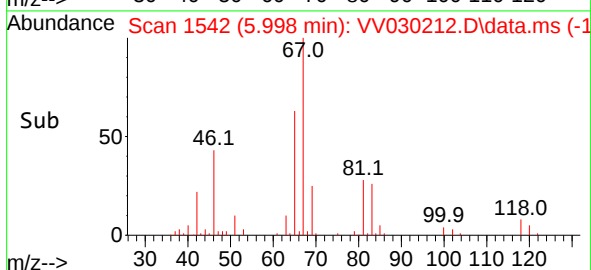
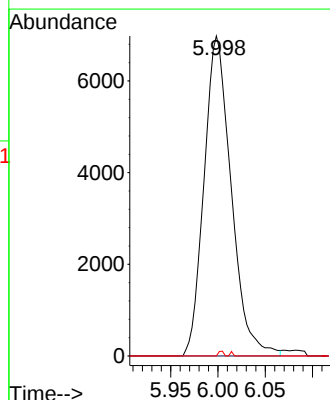
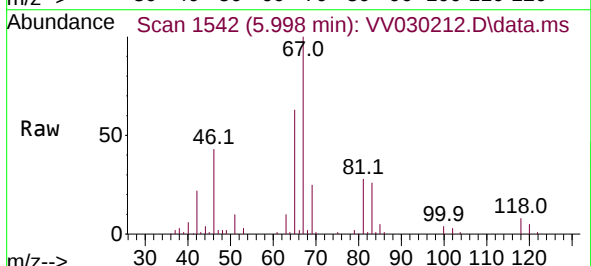
Instrument :
MSVOA_V
ClientSampleId :

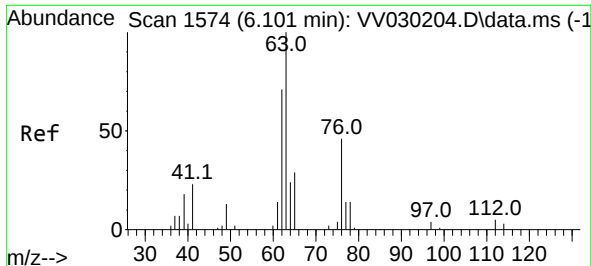
Tgt Ion: 62 Resp: 919
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030212.D
Acq: 15 Mar 2023 15:24

Tgt Ion: 83 Resp: 13947
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.3 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030212.D

Acq: 15 Mar 2023 15:24

Instrument :

MSVOA_V

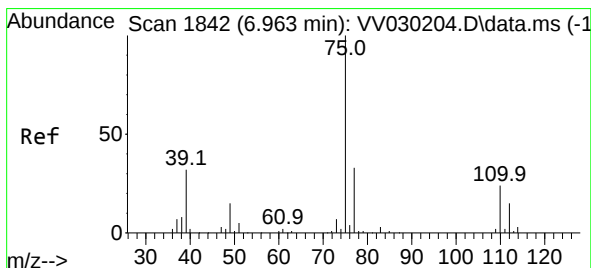
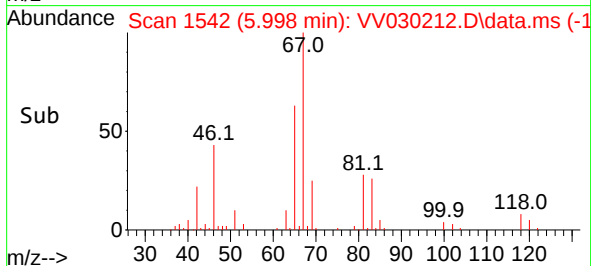
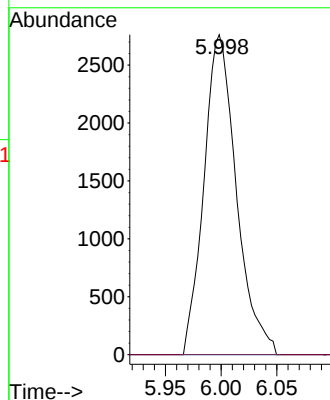
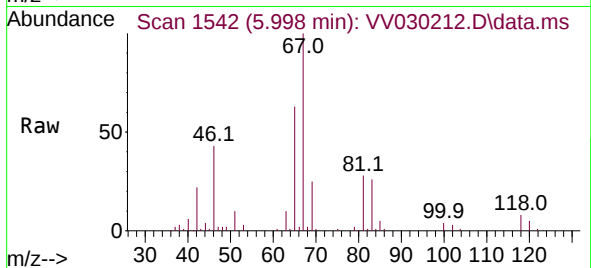
ClientSampleId :

Tgt Ion: 63 Resp: 5607

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030212.D

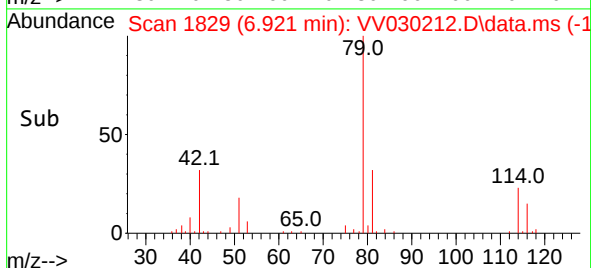
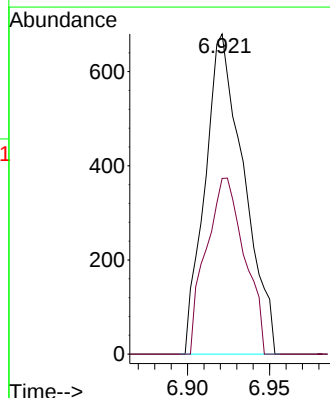
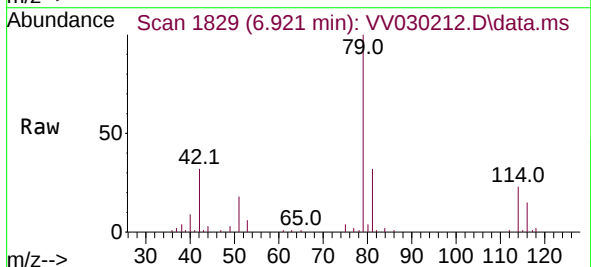
Acq: 15 Mar 2023 15:24

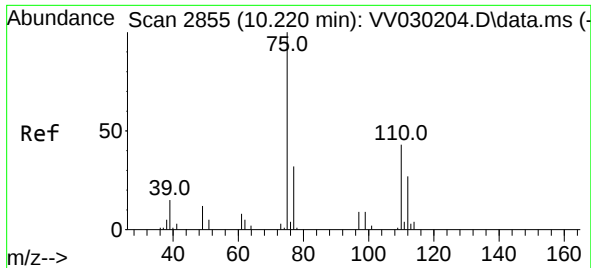
Tgt Ion: 75 Resp: 1119

Ion Ratio Lower Upper

75 100

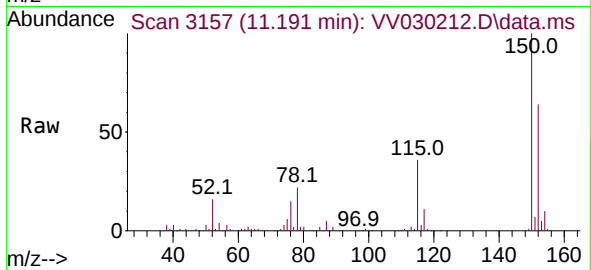
77 54.9 22.3 41.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.499 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.971 min
 Lab File: VV030212.D
 Acq: 15 Mar 2023 15:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7723
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.5 39.7
 110 1.3 31.8 47.6#

