

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071422\
 Data File : VU049722.D
 Acq On : 14 Jul 2022 16:14
 Operator : SY/MD
 Sample : N3722-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 15 04:05:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 04:01:16 2022
 Response via : Initial Calibration

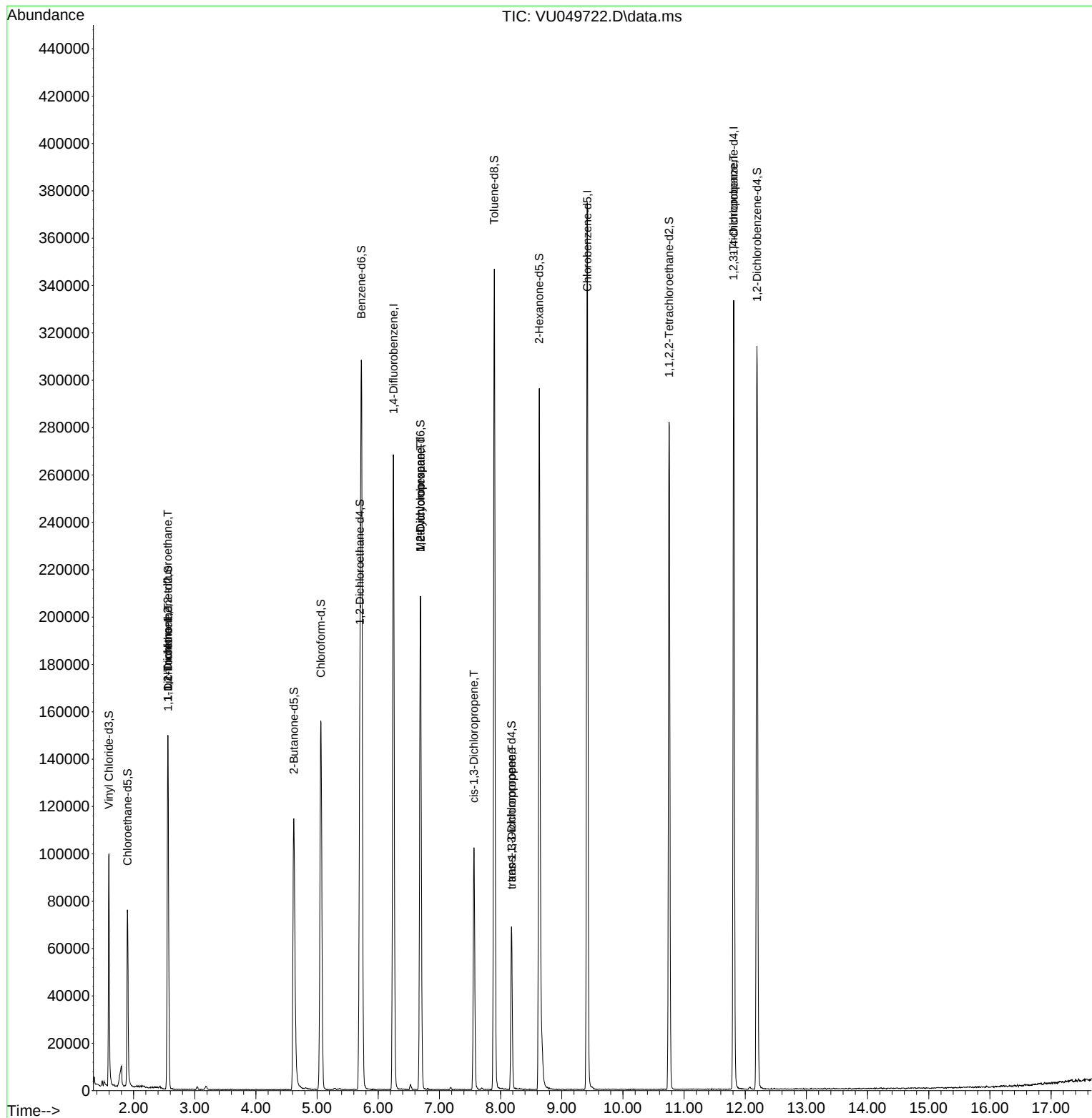
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201403	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192554	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69789	41.069	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.140%	
7) Chloroethane-d5	1.899	69	55075	44.837	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.680%	
11) 1,1-Dichloroethene-d2	2.562	63	92316	30.755	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.520%	
21) 2-Butanone-d5	4.620	46	167404	115.398	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	115.400%	
24) Chloroform-d	5.063	84	142855	47.464	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.920%	
26) 1,2-Dichloroethane-d4	5.700	65	101872	50.010	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.020%	
32) Benzene-d6	5.726	84	265659	45.414	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.820%	
36) 1,2-Dichloropropane-d6	6.690	67	96878	49.237	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.480%	
41) Toluene-d8	7.896	98	220243	43.234	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.460%	
43) trans-1,3-Dichloroprop...	8.179	79	37491	45.225	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.440%	
47) 2-Hexanone-d5	8.632	63	89311	100.907	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.910%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	139231	50.572	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	77707	50.933	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.860%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	744	0.480	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	630	0.438	ug/L #	1
35) Methylcyclohexane	6.690	83	21741	7.908	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11081	5.524	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2844	1.051	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	1674	0.659	ug/L	93
60) 1,2,3-Trichloropropane	11.809	75	11461	5.318	ug/L #	68

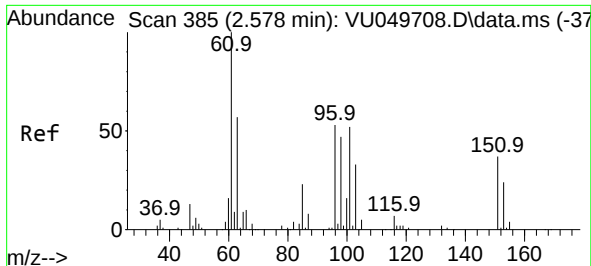
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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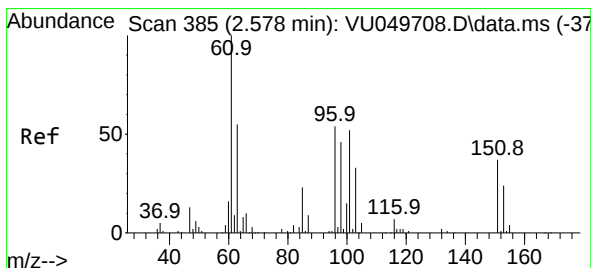
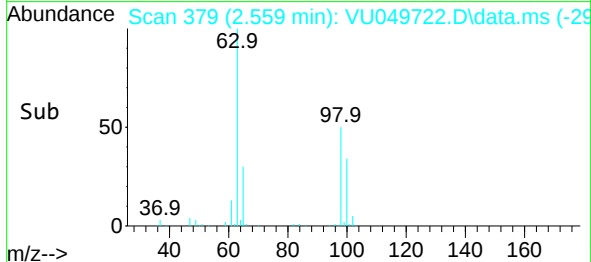
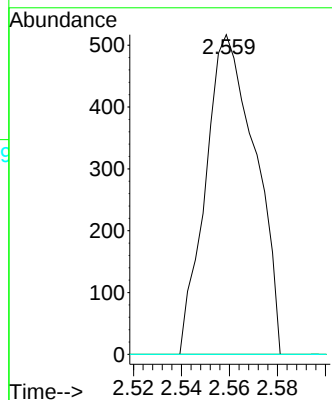
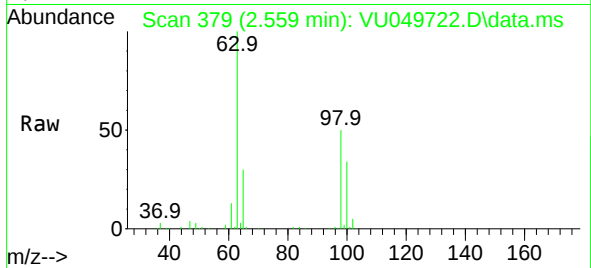




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.480 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU049722.D
Acq: 14 Jul 2022 16:14

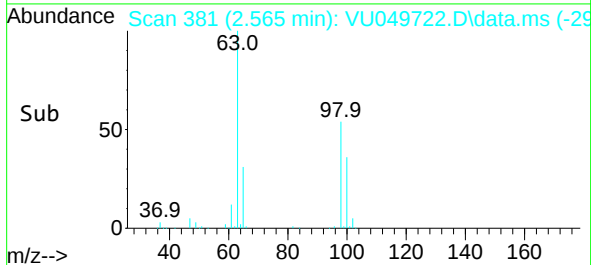
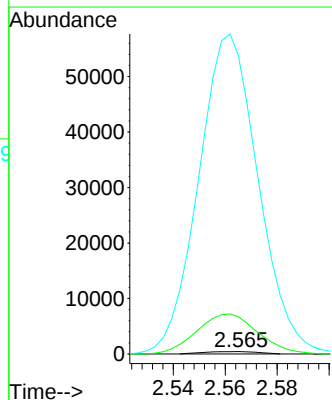
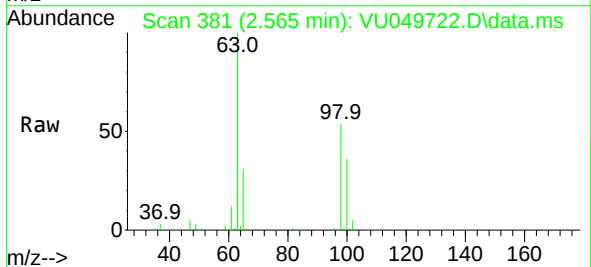
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

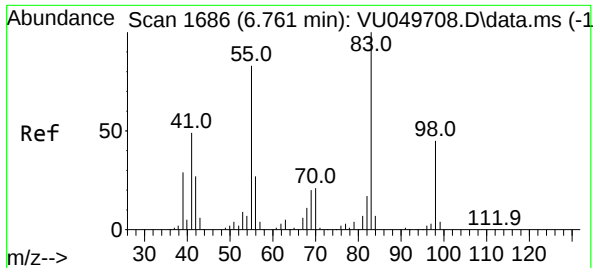
Tgt Ion:101 Resp: 744
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.438 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049722.D
Acq: 14 Jul 2022 16:14

Tgt Ion: 96 Resp: 630
Ion Ratio Lower Upper
96 100
61 1586.0 129.6 240.6#
63 12735.5 79.0 146.6#

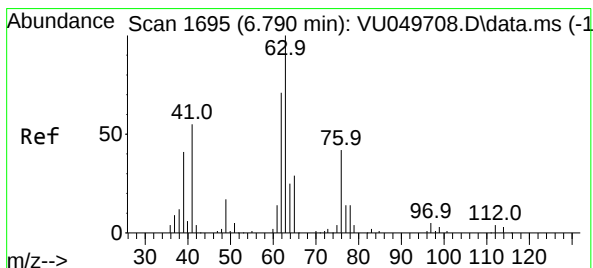
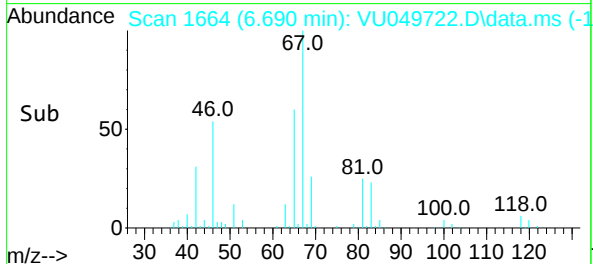
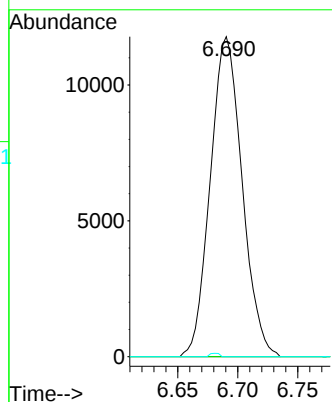
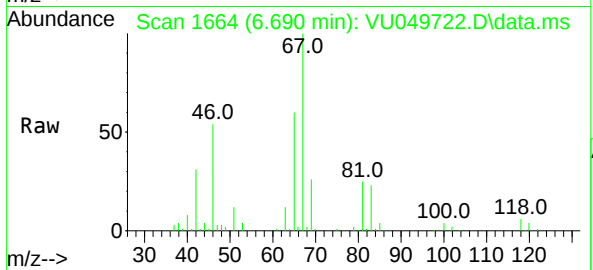




#35
Methylcyclohexane
Concen: 7.908 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049722.D
Acq: 14 Jul 2022 16:14

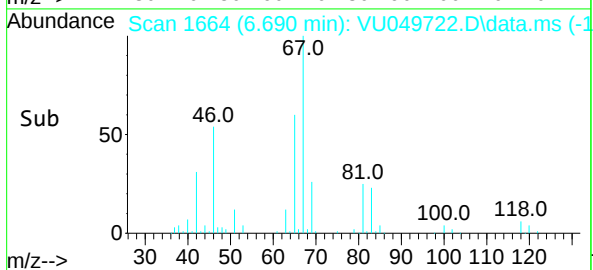
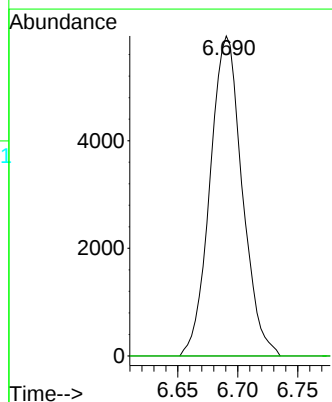
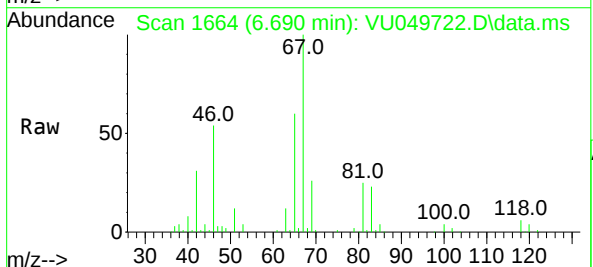
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

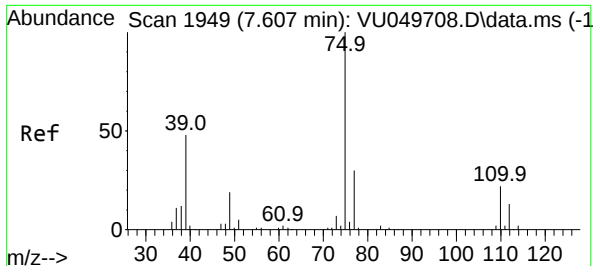
Tgt Ion: 83 Resp: 21741
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.3 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.524 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049722.D
Acq: 14 Jul 2022 16:14

Tgt Ion: 63 Resp: 11081
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.051 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049722.D

Acq: 14 Jul 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

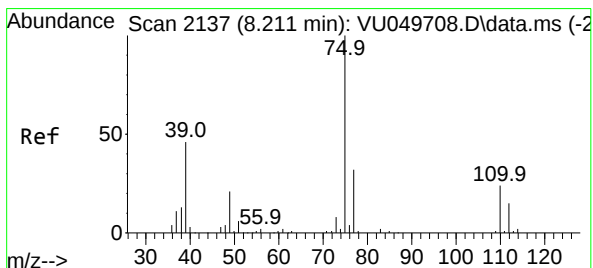
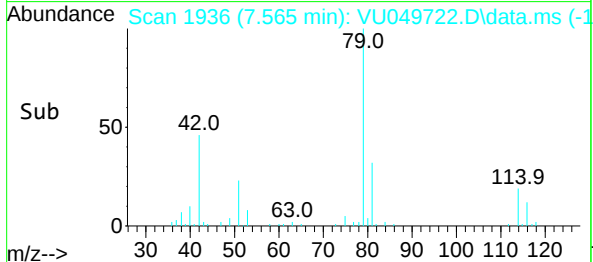
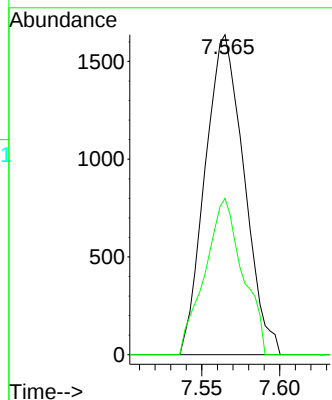
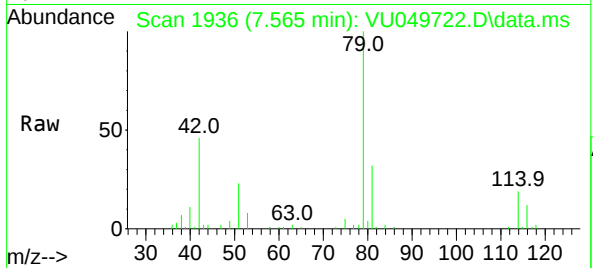
VHBLK001

Tgt Ion: 75 Resp: 2844

Ion Ratio Lower Upper

75 100

77 48.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049722.D

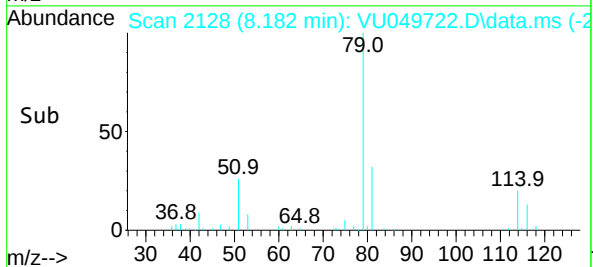
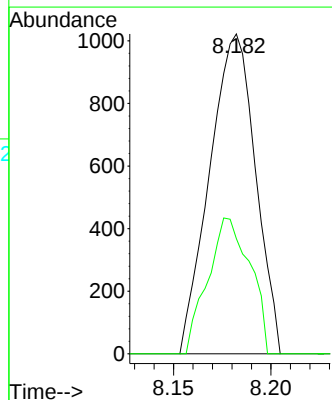
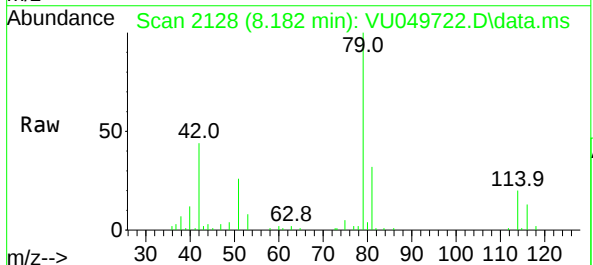
Acq: 14 Jul 2022 16:14

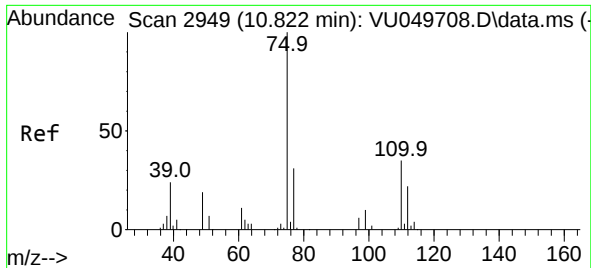
Tgt Ion: 75 Resp: 1674

Ion Ratio Lower Upper

75 100

77 36.0 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.318 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049722.D
 Acq: 14 Jul 2022 16:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75	Resp:	11461
Ion Ratio	Lower	Upper
75	100	
77	32.3	25.5 38.3
110	0.9	28.9 43.3#

