

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071222\
 Data File : VU049693.D
 Acq On : 12 Jul 2022 14:32
 Operator : SY/MD
 Sample : N3679-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: Jul 13 06:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 13 06:51:38 2022
 Response via : Initial Calibration

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

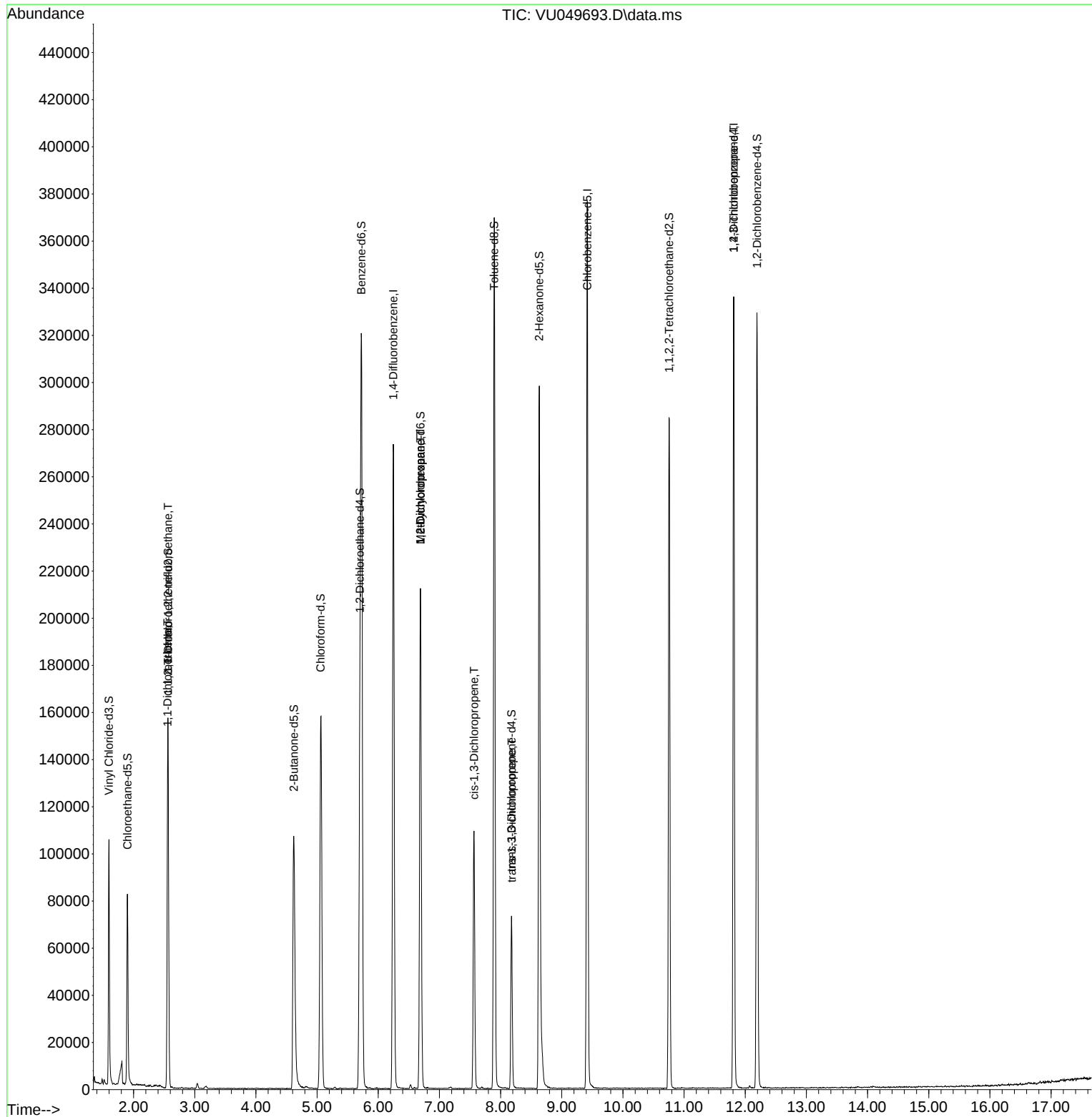
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207209	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82214	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74182	42.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.860%		
7) Chloroethane-d5	1.899	69	57317	45.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.700%		
11) 1,1-Dichloroethene-d2	2.562	63	96509	31.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.500%		
21) 2-Butanone-d5	4.620	46	164201	110.019	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.020%		
24) Chloroform-d	5.060	84	146948	47.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.920%		
26) 1,2-Dichloroethane-d4	5.700	65	105163	50.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.360%		
32) Benzene-d6	5.726	84	279828	47.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.780%		
36) 1,2-Dichloropropane-d6	6.690	67	99814	50.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.520%		
41) Toluene-d8	7.896	98	233170	45.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.700%		
43) trans-1,3-Dichloroprop...	8.179	79	38915	46.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.020%		
47) 2-Hexanone-d5	8.632	63	93948	105.165	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.160%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	139347	50.146	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	80296	51.801	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.600%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	853	0.534	ug/L #	20
12) 1,1-Dichloroethene	2.555	96	551	0.372	ug/L #	1
35) Methylcyclohexane	6.690	83	21936	7.905	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11695	5.776	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2919	1.069	ug/L #	71
44) trans-1,3-Dichloropropene	8.182	75	1792	0.699	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	11605	5.299	ug/L #	68

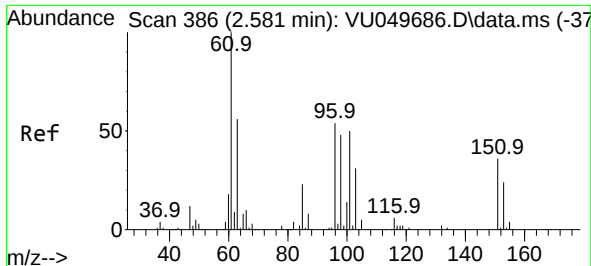
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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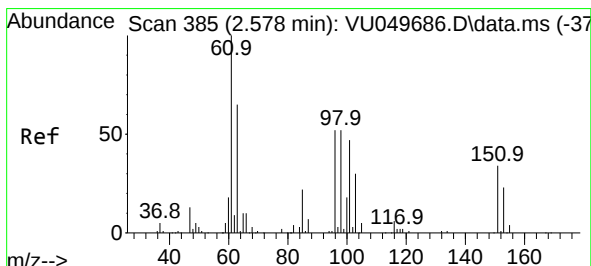
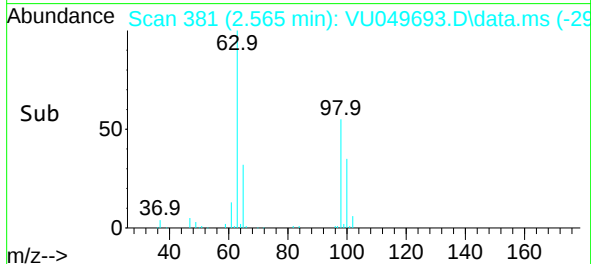
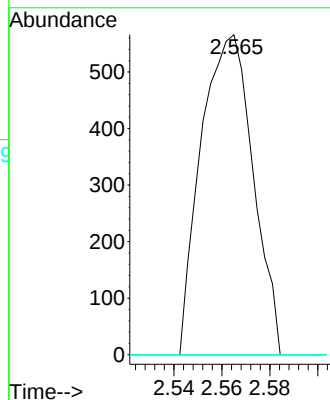
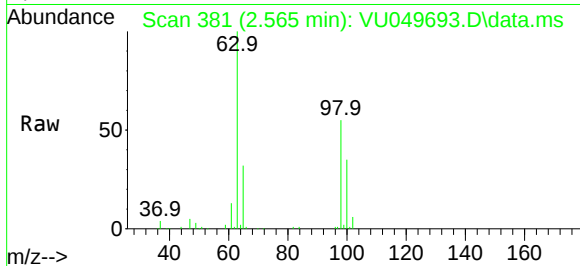




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.534 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU049693.D
Acq: 12 Jul 2022 14:32

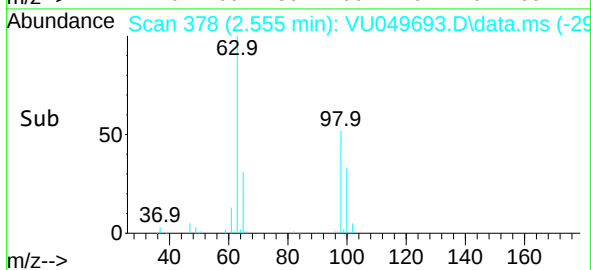
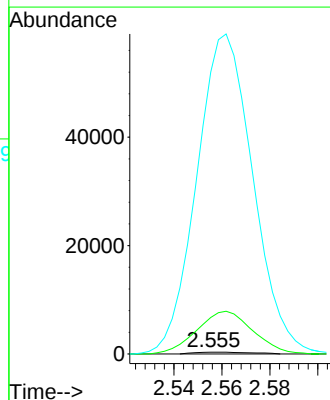
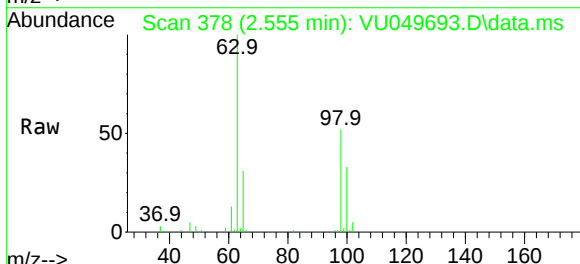
Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

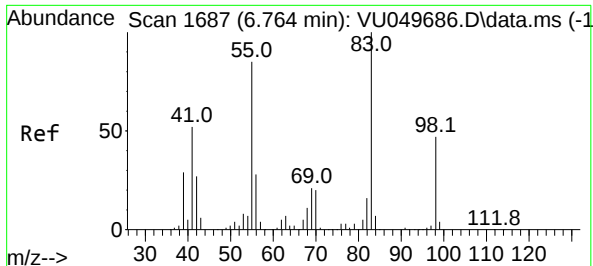
Tgt Ion:101 Resp: 853
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.372 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.023 min
Lab File: VU049693.D
Acq: 12 Jul 2022 14:32

Tgt Ion: 96 Resp: 551
Ion Ratio Lower Upper
96 100
61 2096.3 129.6 240.6#
63 16206.9 79.0 146.6#





#35

Methylcyclohexane

Concen: 7.905 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049693.D

Acq: 12 Jul 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK002

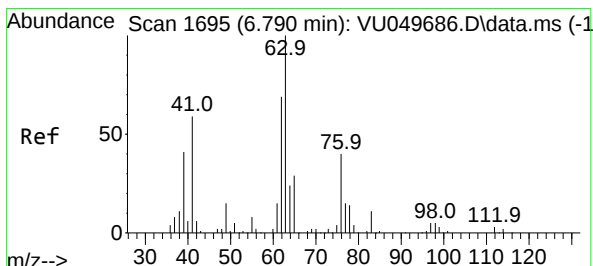
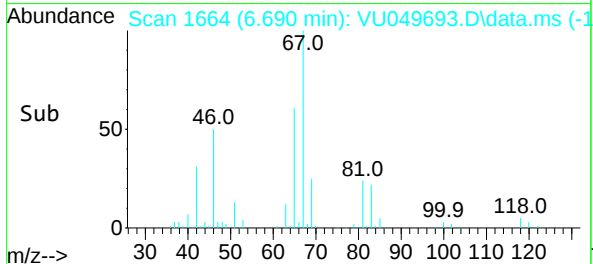
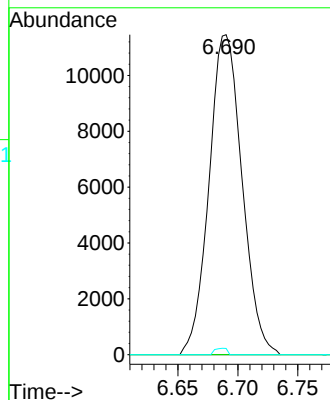
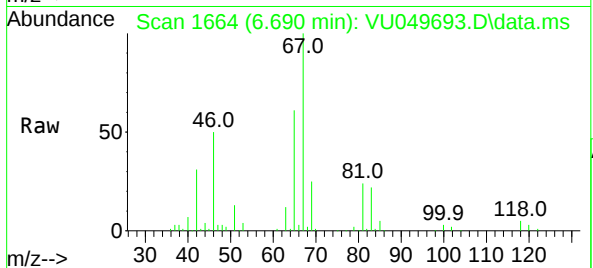
Tgt Ion: 83 Resp: 21936

Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 0.7 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 5.776 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049693.D

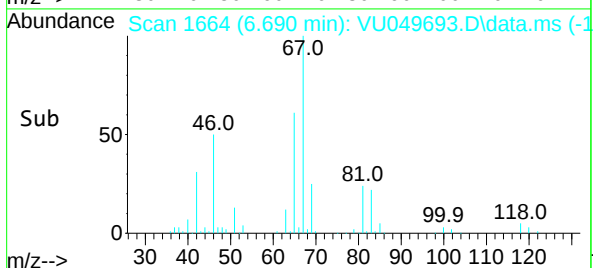
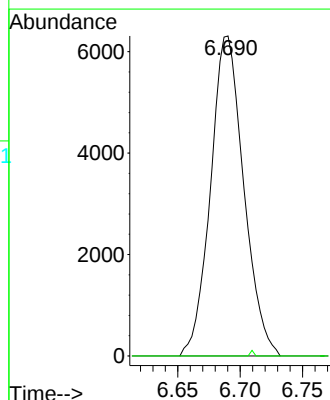
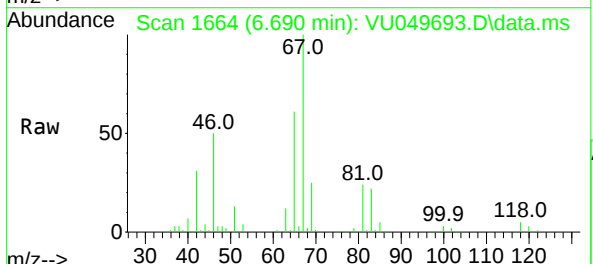
Acq: 12 Jul 2022 14:32

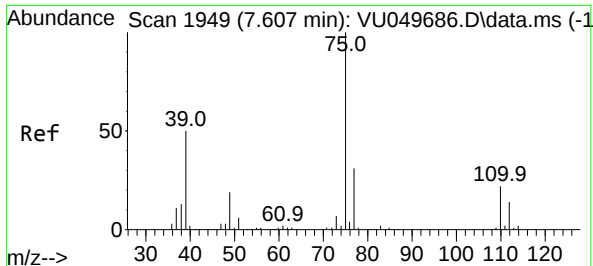
Tgt Ion: 63 Resp: 11695

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.069 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049693.D

Acq: 12 Jul 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

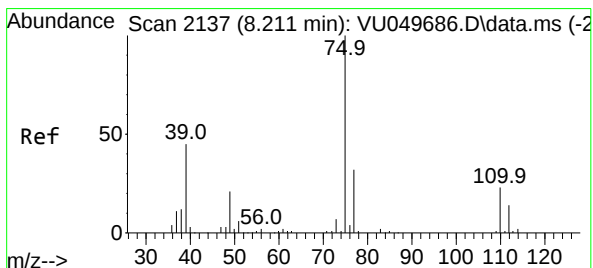
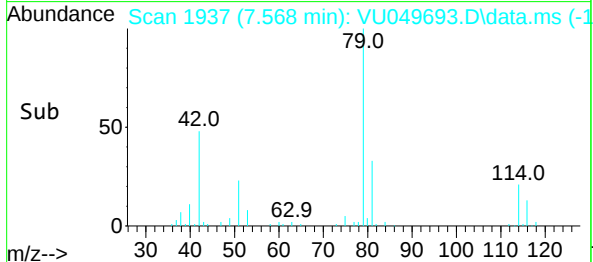
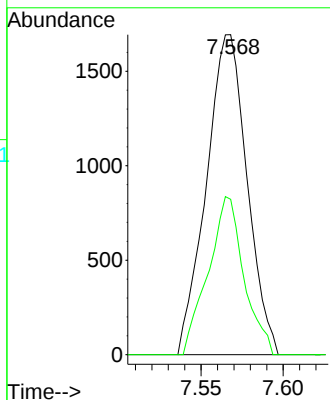
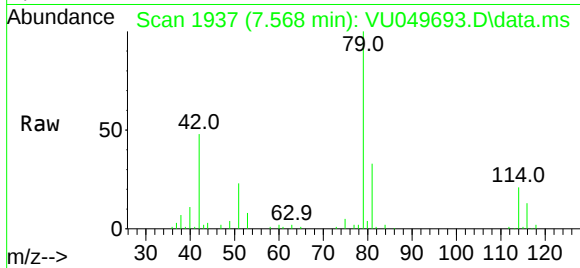
VHBLK002

Tgt Ion: 75 Resp: 2919

Ion Ratio Lower Upper

75 100

77 48.5 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.699 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049693.D

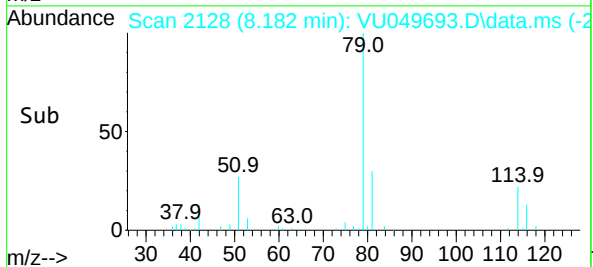
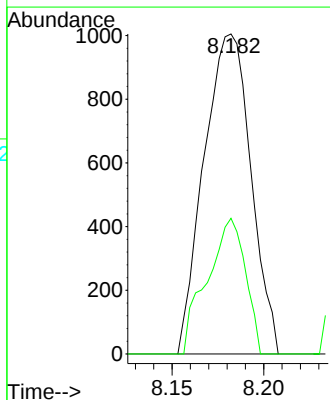
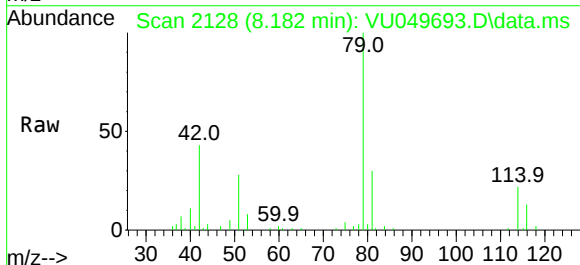
Acq: 12 Jul 2022 14:32

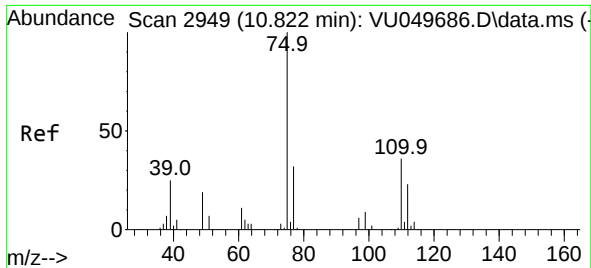
Tgt Ion: 75 Resp: 1792

Ion Ratio Lower Upper

75 100

77 42.4 22.5 41.9#





#60
 1,2,3-Trichloropropane
 Concen: 5.299 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049693.D
 Acq: 12 Jul 2022 14:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.5	38.3
110	2.4	28.9	43.3#

