

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071222\
 Data File : VU049694.D
 Acq On : 12 Jul 2022 14:55
 Operator : SY/MD
 Sample : N3678-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: Jul 13 06:54:29 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)

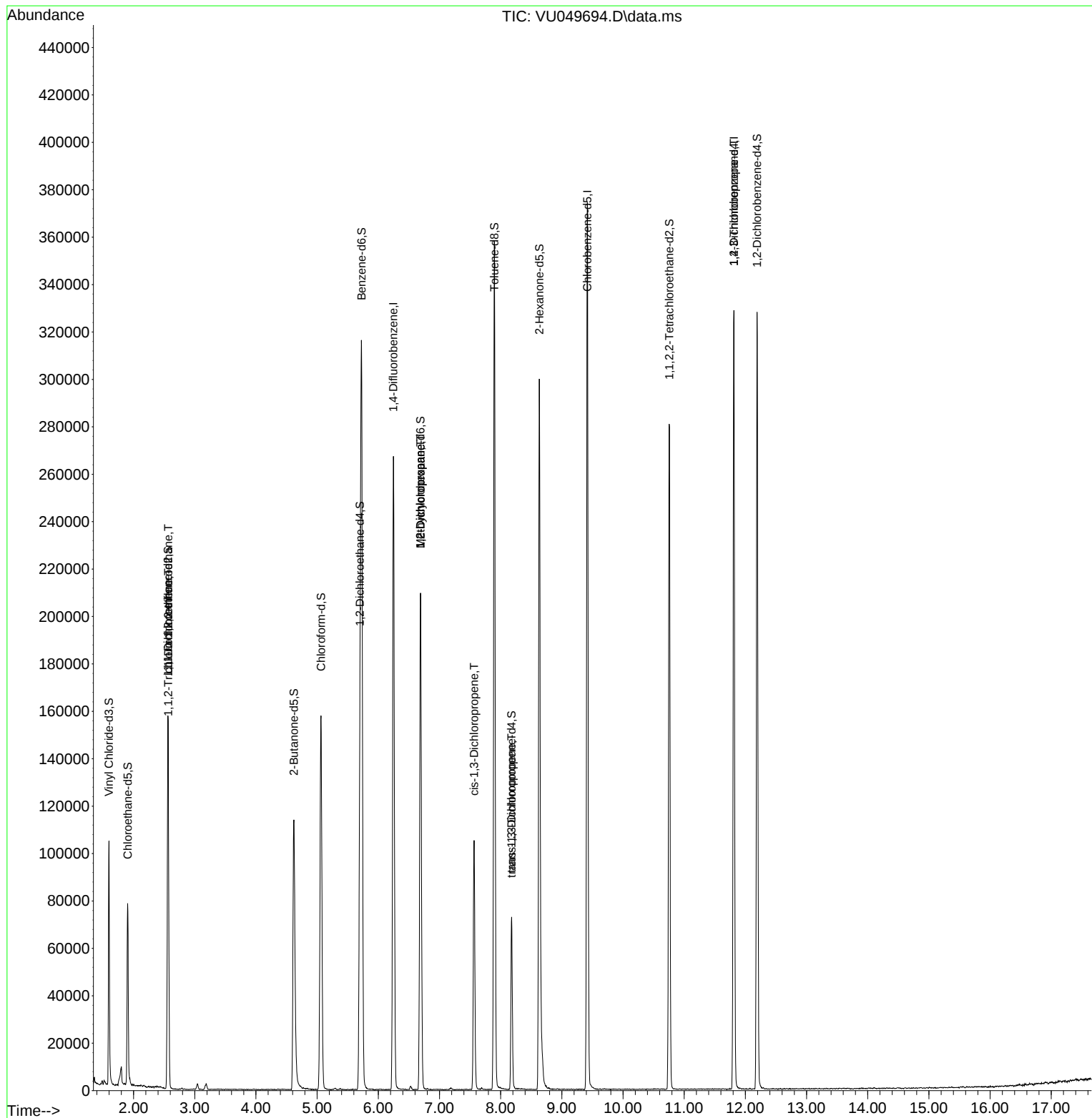
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202394	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	188974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73875	43.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.520%		
7) Chloroethane-d5	1.903	69	55930	45.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.620%		
11) 1,1-Dichloroethene-d2	2.562	63	96556	32.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.020%		
21) 2-Butanone-d5	4.620	46	166172	113.988	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.990%		
24) Chloroform-d	5.064	84	143795	47.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.080%		
26) 1,2-Dichloroethane-d4	5.700	65	103542	50.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.160%		
32) Benzene-d6	5.726	84	271720	47.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.660%		
36) 1,2-Dichloropropane-d6	6.690	67	98156	50.831	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.660%		
41) Toluene-d8	7.896	98	227181	45.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.880%		
43) trans-1,3-Dichloroprop...	8.179	79	39611	48.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.380%		
47) 2-Hexanone-d5	8.633	63	93291	107.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.400%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	138892	51.405	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.820%		
66) 1,2-Dichlorobenzene-d4	12.192	152	79138	51.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	572	0.367	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	778	0.538	ug/L #	1
35) Methylcyclohexane	6.690	83	22158	8.212	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11347	5.763	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3091	1.164	ug/L #	60
44) trans-1,3-Dichloropropene	8.176	75	2044	0.820	ug/L	94
60) 1,2,3-Trichloropropane	11.812	75	11393	5.247	ug/L #	68

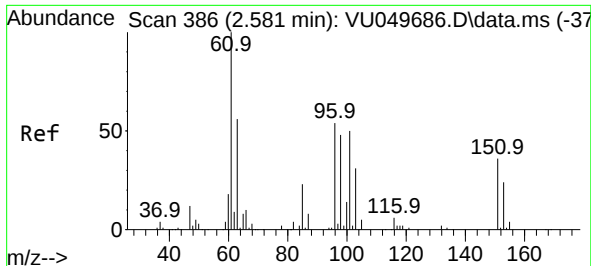
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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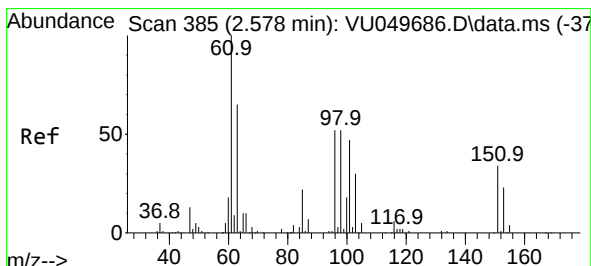
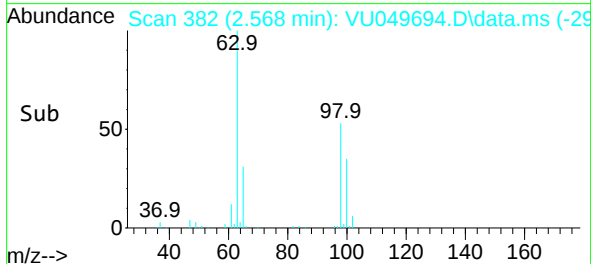
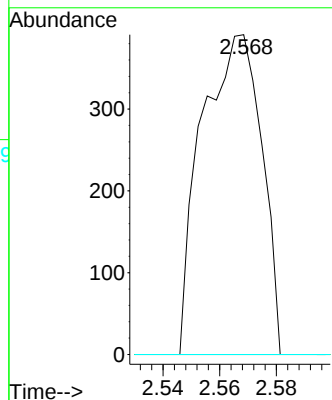
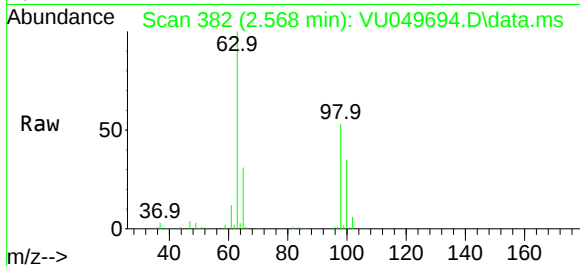




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.367 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049694.D
Acq: 12 Jul 2022 14:55

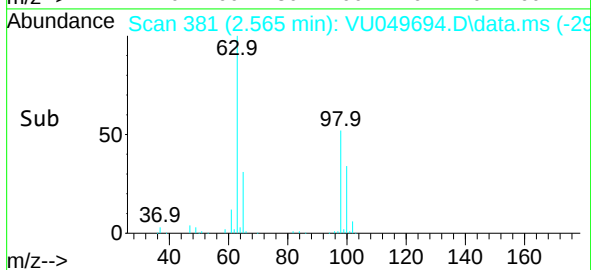
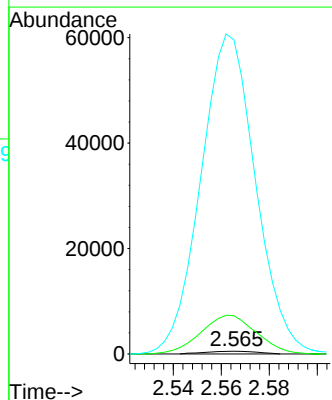
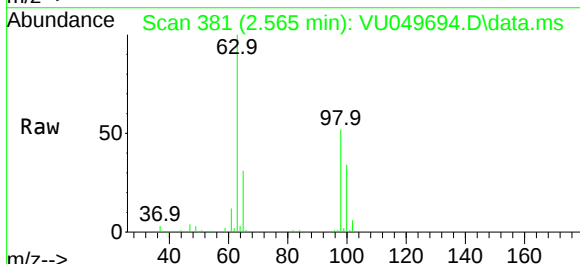
Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

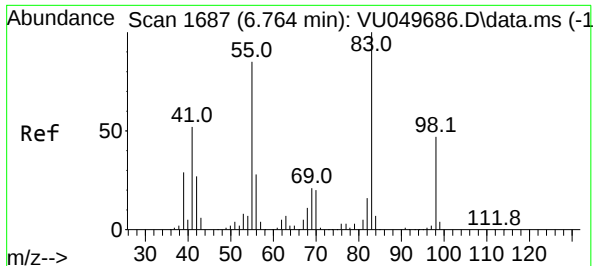
Tgt Ion:101 Resp: 572
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.538 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU049694.D
Acq: 12 Jul 2022 14:55

Tgt Ion: 96 Resp: 778
Ion Ratio Lower Upper
96 100
61 1442.9 129.6 240.6#
63 11820.6 79.0 146.6#





#35

Methylcyclohexane

Concen: 8.212 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049694.D

Acq: 12 Jul 2022 14:55

Instrument :

MSVOA_U

ClientSampleId :

VHBLK002

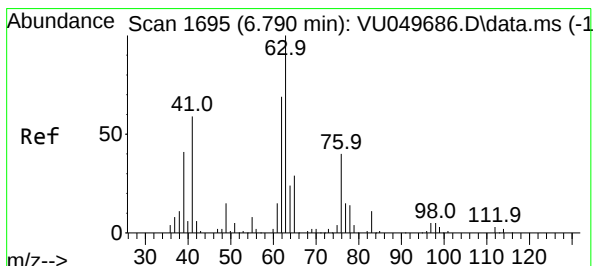
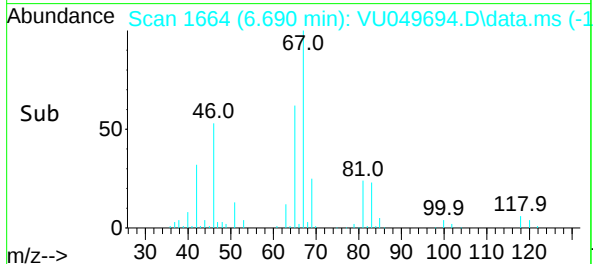
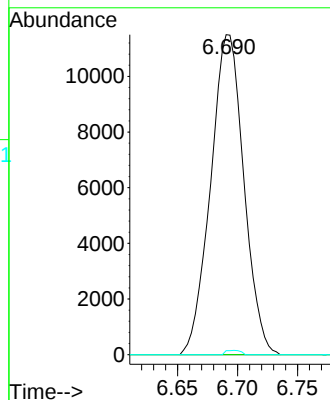
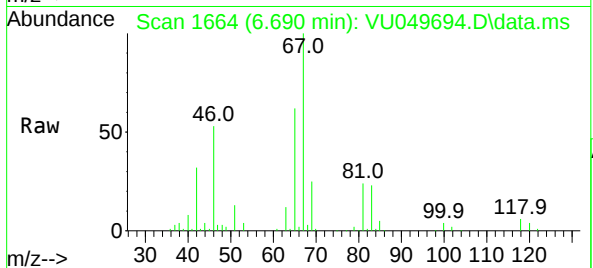
Tgt Ion: 83 Resp: 22158

Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 0.1 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 5.763 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049694.D

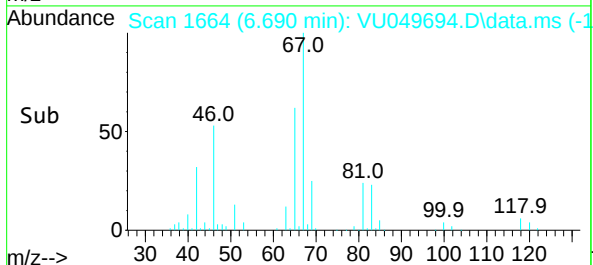
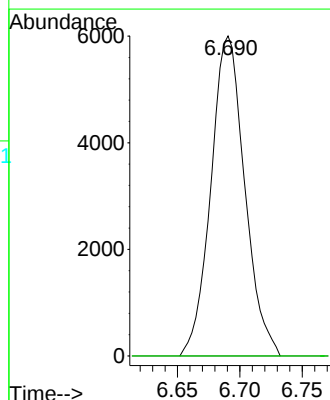
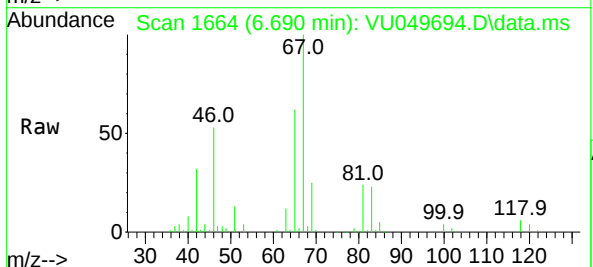
Acq: 12 Jul 2022 14:55

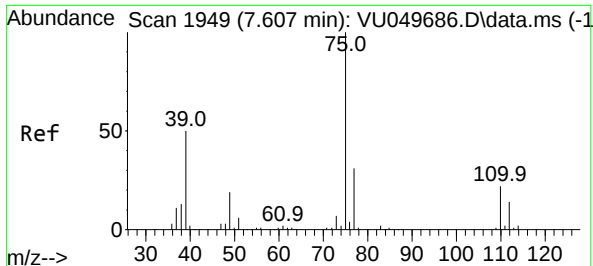
Tgt Ion: 63 Resp: 11347

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.164 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049694.D

Acq: 12 Jul 2022 14:55

Instrument :

MSVOA_U

ClientSampleId :

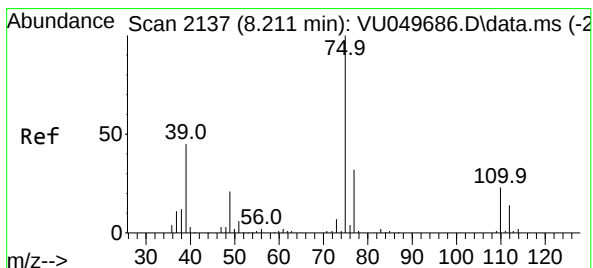
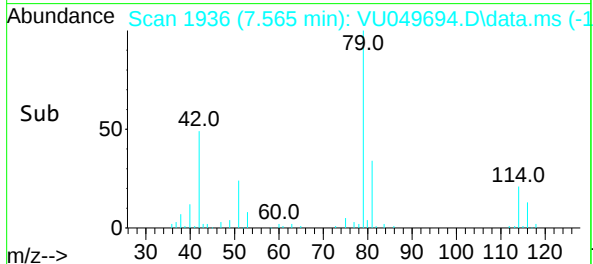
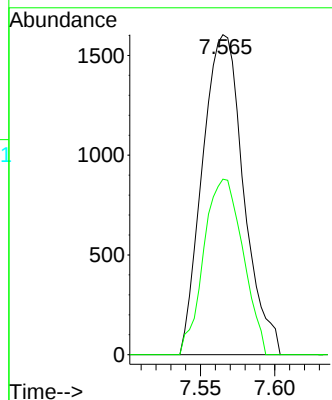
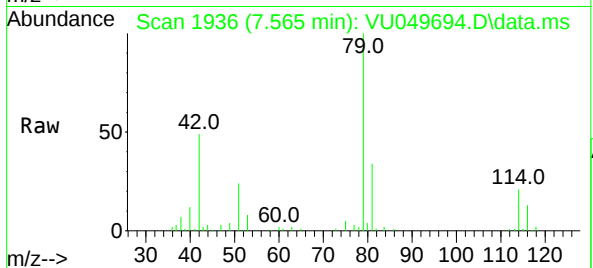
VHBLK002

Tgt Ion: 75 Resp: 3091

Ion Ratio Lower Upper

75 100

77 54.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU049694.D

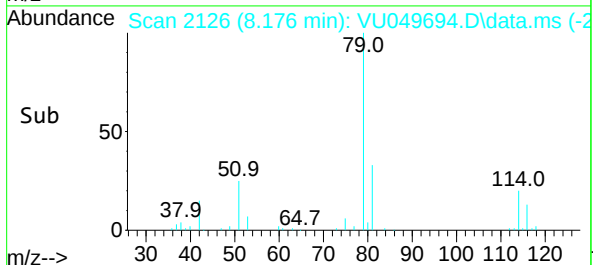
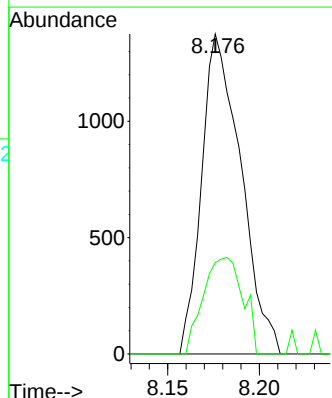
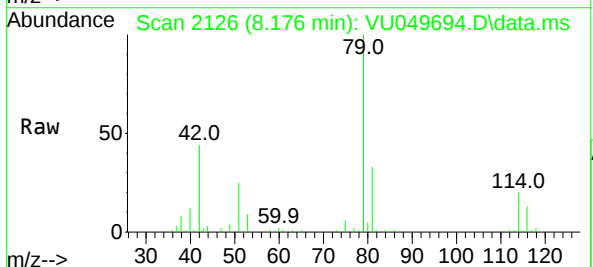
Acq: 12 Jul 2022 14:55

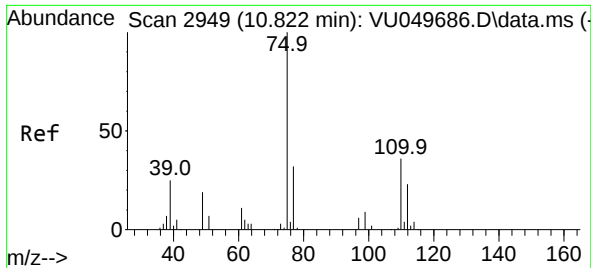
Tgt Ion: 75 Resp: 2044

Ion Ratio Lower Upper

75 100

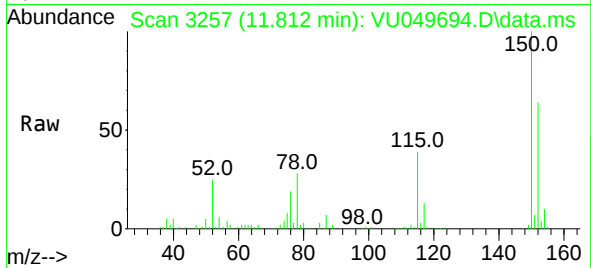
77 28.6 22.5 41.9





#60
1,2,3-Trichloropropane
Concen: 5.247 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU049694.D
Acq: 12 Jul 2022 14:55

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002



Tgt Ion: 75 Resp: 11393
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
110 2.3 28.9 43.3#

