

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049823.D
 Acq On : 21 Jul 2022 12:36
 Operator : SY/MD
 Sample : N3792-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 04:12:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

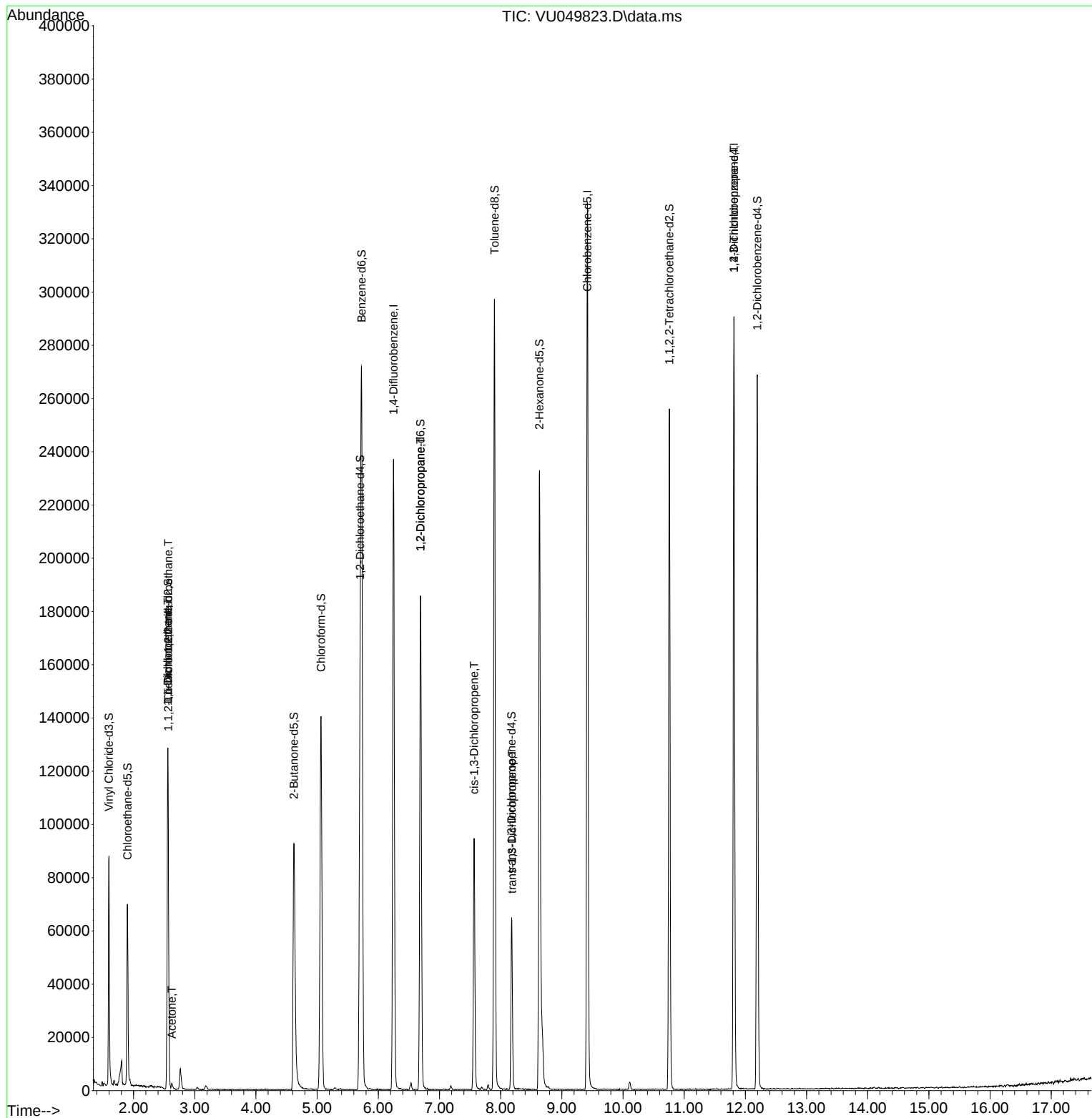
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	180865	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	172841	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61216	40.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.220%		
7) Chloroethane-d5	1.899	69	49590	44.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.920%		
11) 1,1-Dichloroethene-d2	2.562	63	79624	29.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.080%#		
21) 2-Butanone-d5	4.620	46	134380	103.153	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.150%		
24) Chloroform-d	5.063	84	128758	47.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
26) 1,2-Dichloroethane-d4	5.703	65	91785	50.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.360%		
32) Benzene-d6	5.726	84	236144	44.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.940%		
36) 1,2-Dichloropropane-d6	6.690	67	86822	49.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.320%		
41) Toluene-d8	7.899	98	190328	41.623	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.240%		
43) trans-1,3-Dichloroprop...	8.179	79	34697	46.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.260%		
47) 2-Hexanone-d5	8.632	63	69780	87.832	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	123286	49.888	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	66620	48.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.220%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	642	0.461	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	597	0.462	ug/L #	1
13) Acetone	2.623	43	2682	2.166	ug/L	88
37) 1,2-Dichloropropane	6.690	63	9980	5.542	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2518	1.037	ug/L #	69
44) trans-1,3-Dichloropropene	8.185	75	1710	0.750	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	10064	5.144	ug/L #	68

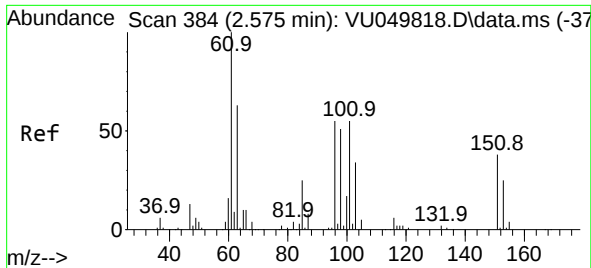
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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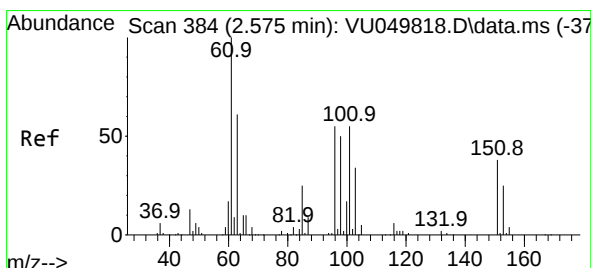
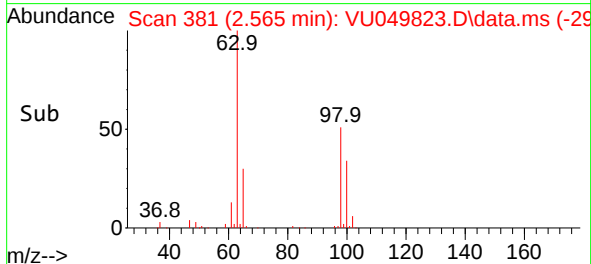
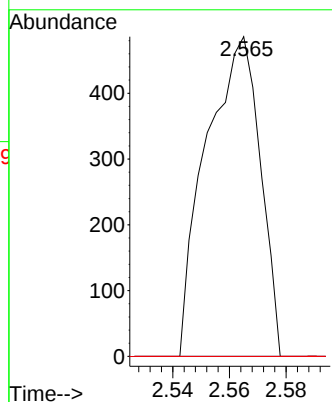
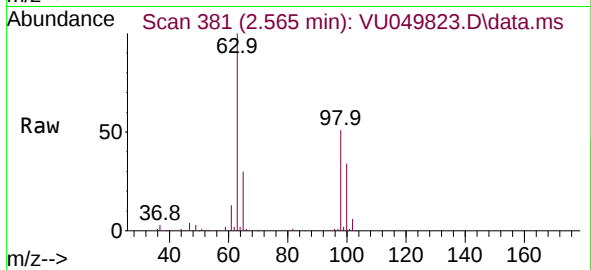




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.461 ug/L
 RT: 2.565 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VU049823.D
 Acq: 21 Jul 2022 12:36

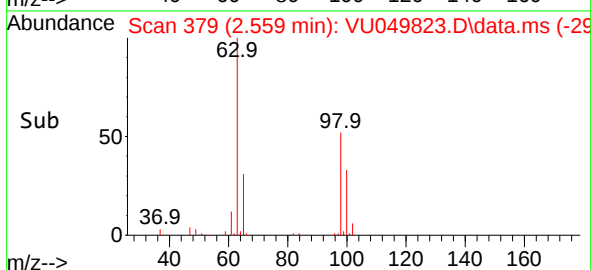
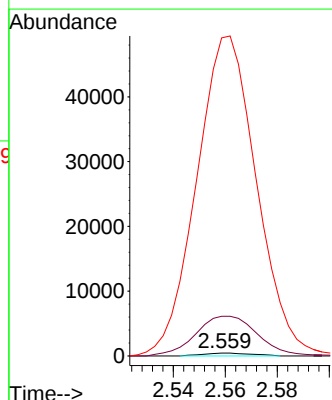
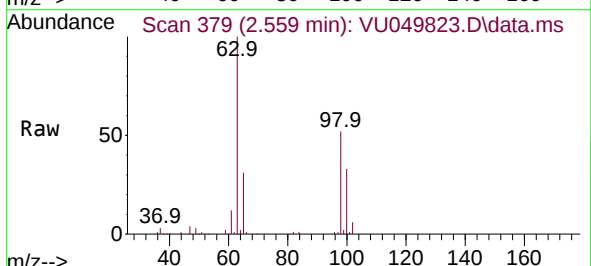
Instrument :
 MSVOA_U
 ClientSampleId :

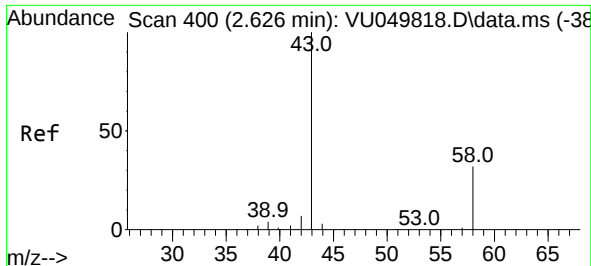
Tgt Ion:101 Resp: 642
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.462 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.016 min
 Lab File: VU049823.D
 Acq: 21 Jul 2022 12:36

Tgt Ion: 96 Resp: 597
 Ion Ratio Lower Upper
 96 100
 61 1347.5 129.6 240.6#
 63 10790.3 79.0 146.6#





#13

Acetone

Concen: 2.166 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU049823.D

Acq: 21 Jul 2022 12:36

Instrument :

MSVOA_U

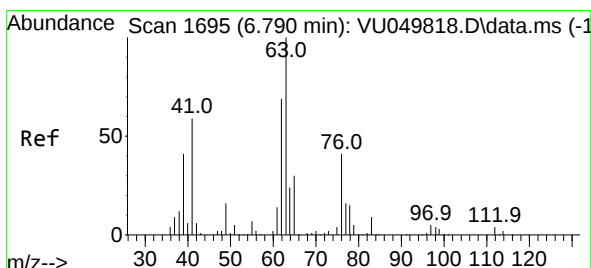
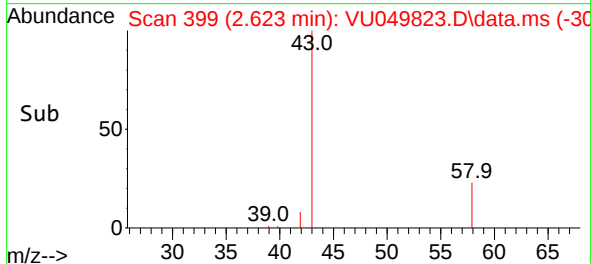
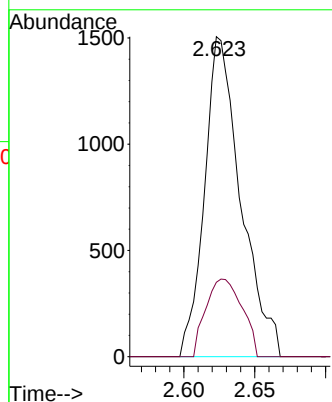
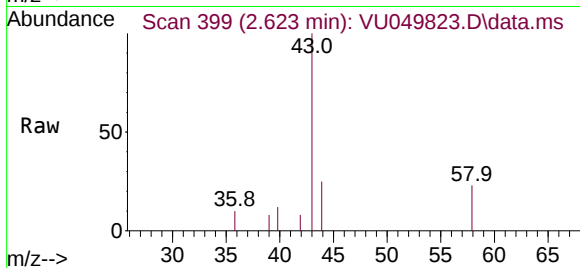
ClientSampleId :

Tgt Ion: 43 Resp: 2682

Ion Ratio Lower Upper

43 100

58 24.2 0.0 61.4



#37

1,2-Dichloropropane

Concen: 5.542 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049823.D

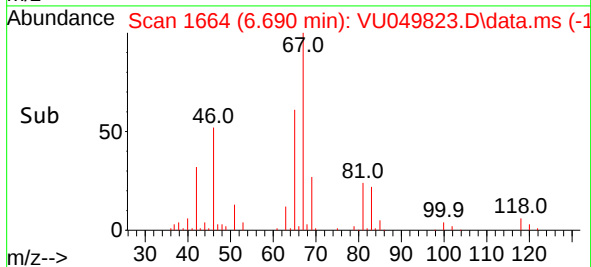
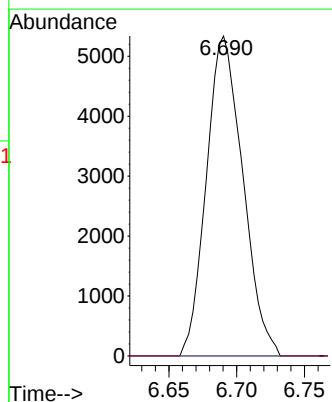
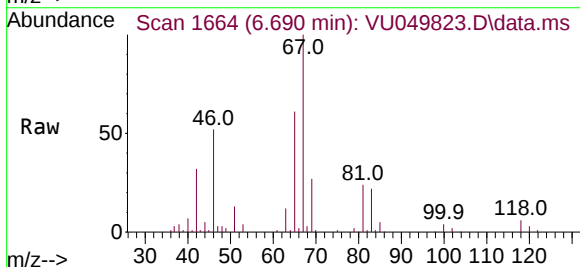
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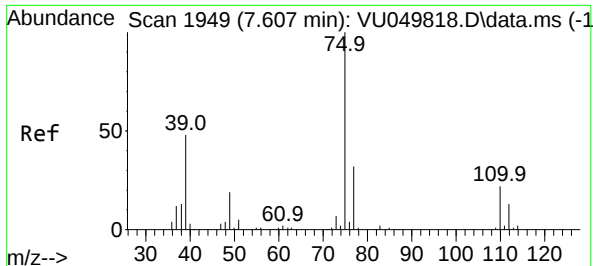
Tgt Ion: 63 Resp: 9980

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.037 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049823.D

Acq: 21 Jul 2022 12:36

Instrument :

MSVOA_U

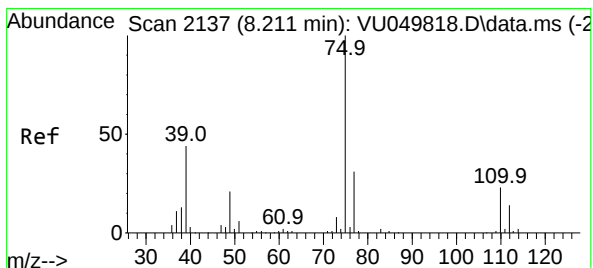
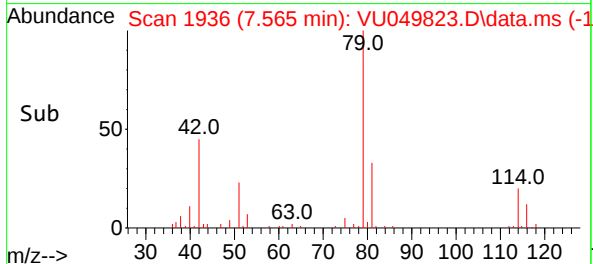
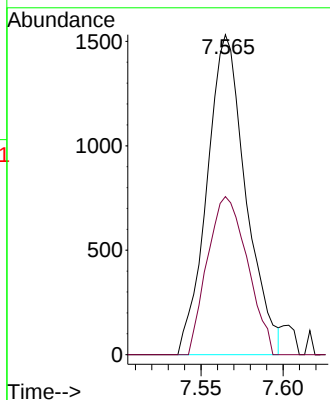
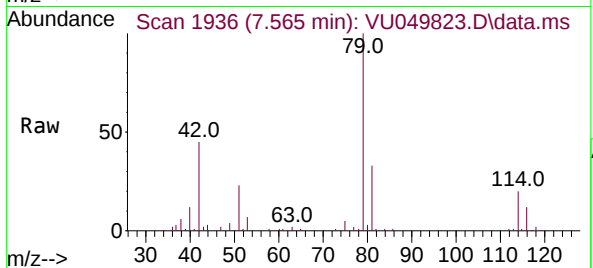
ClientSampleId :

Tgt Ion: 75 Resp: 2518

Ion Ratio Lower Upper

75 100

77 49.4 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU049823.D

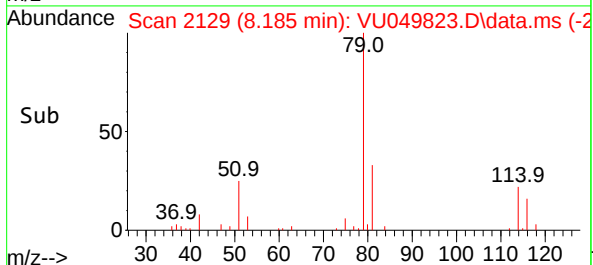
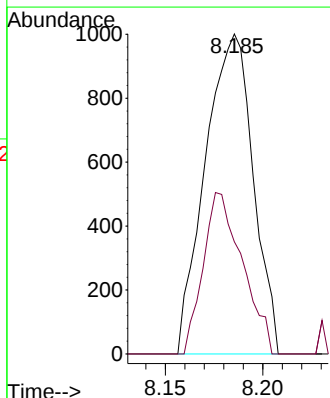
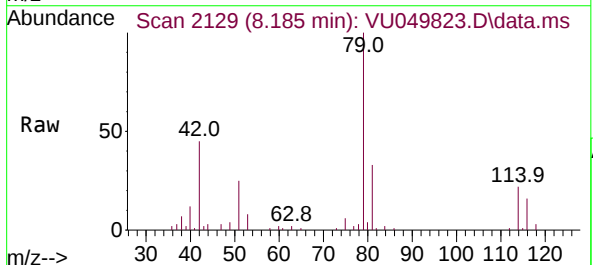
Acq: 21 Jul 2022 12:36

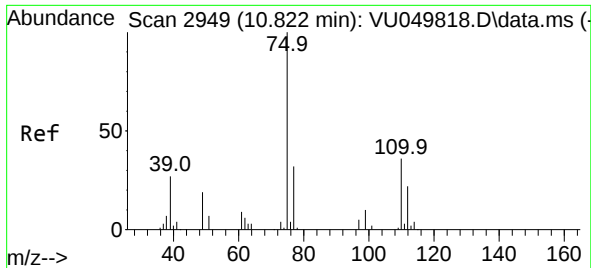
Tgt Ion: 75 Resp: 1710

Ion Ratio Lower Upper

75 100

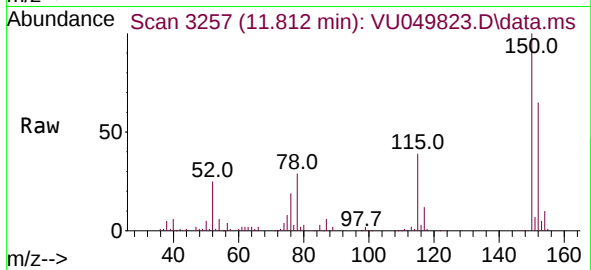
77 35.1 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.144 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049823.D
 Acq: 21 Jul 2022 12:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10064
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.5 38.3
 110 0.8 28.9 43.3#

