

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051020.D
 Acq On : 30 Sep 2022 07:47
 Operator : JC/MD
 Sample : N4859-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 08:35:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

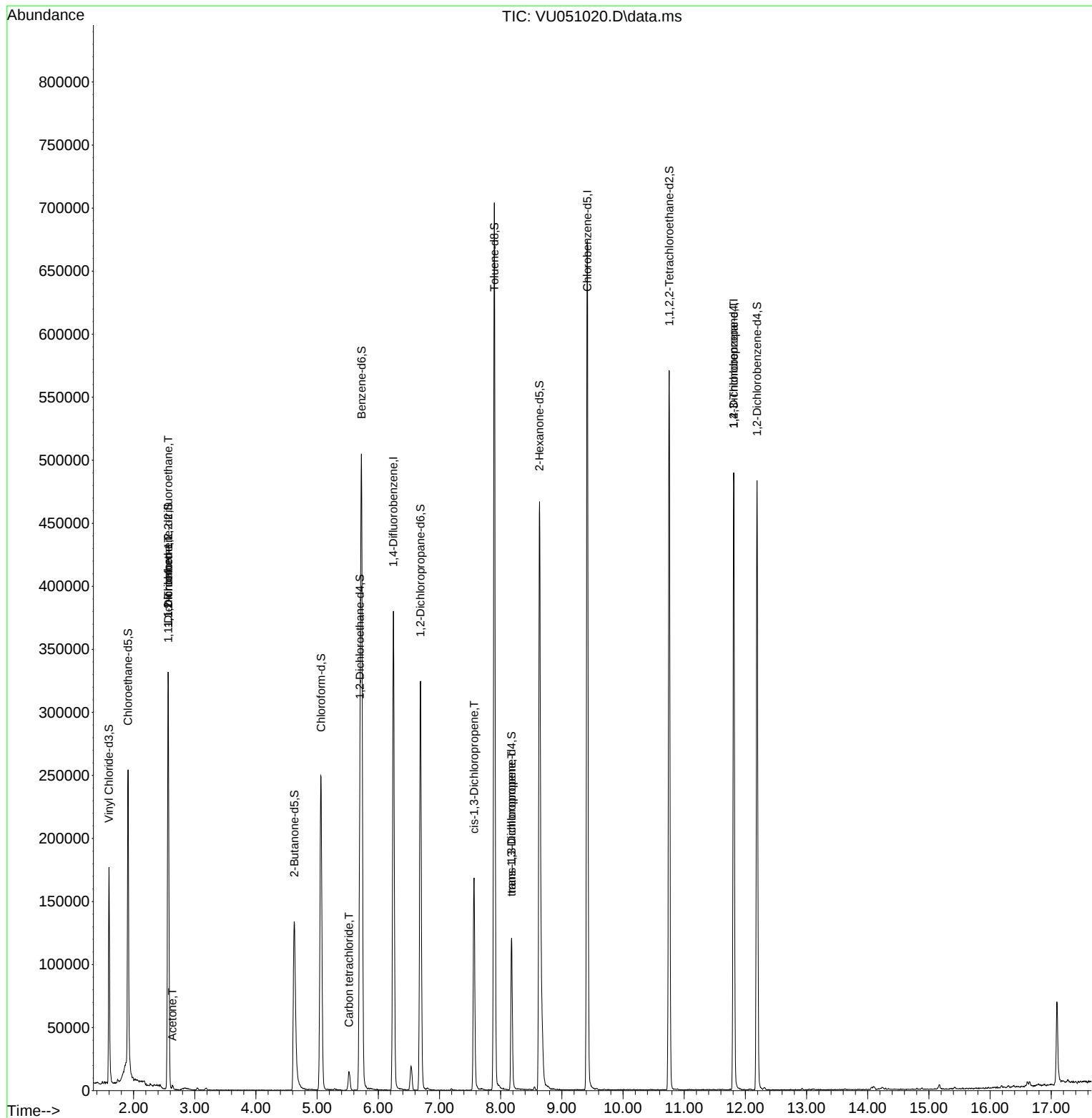
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	303893	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127687	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	127729	41.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.940%		
7) Chloroethane-d5	1.909	69	162644	56.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	113.700%		
11) 1,1-Dichloroethene-d2	2.565	63	193691	42.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.160%		
21) 2-Butanone-d5	4.626	46	202605	101.429	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.430%		
24) Chloroform-d	5.063	84	233010	46.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.920%		
26) 1,2-Dichloroethane-d4	5.700	65	151250	49.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.500%		
32) Benzene-d6	5.726	84	460372	41.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.620%		
36) 1,2-Dichloropropane-d6	6.690	67	156029	43.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.340%		
41) Toluene-d8	7.896	98	466357	45.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.700%		
43) trans-1,3-Dichloroprop...	8.179	79	69410	40.733	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.460%		
47) 2-Hexanone-d5	8.632	63	136441	94.582	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.580%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	289234	46.323	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	125730	46.093	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1639	0.706	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1504	0.694	ug/L #	1
13) Acetone	2.633	43	3647	2.286	ug/L	93
31) Carbon tetrachloride	5.520	117	9666	2.687	ug/L #	60
39) cis-1,3-Dichloropropene	7.565	75	4029	0.922	ug/L #	74
44) trans-1,3-Dichloropropene	8.176	75	2941	0.665	ug/L	83
60) 1,2,3-Trichloropropane	11.809	75	16041	4.774	ug/L #	67

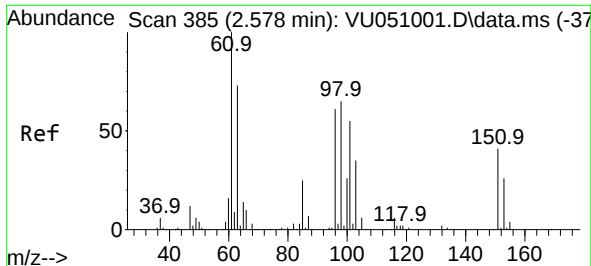
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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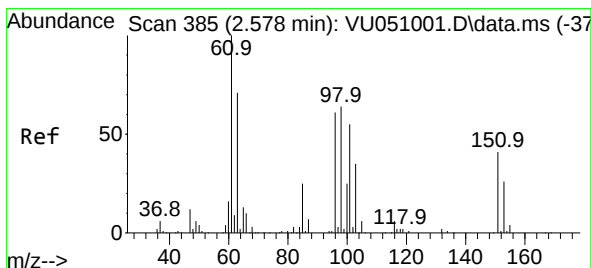
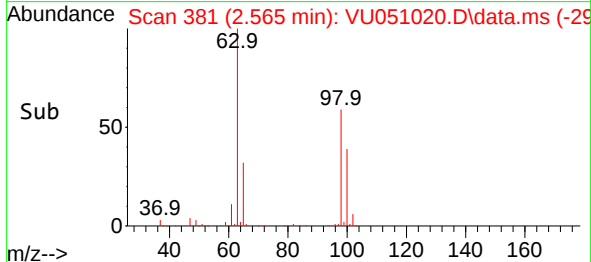
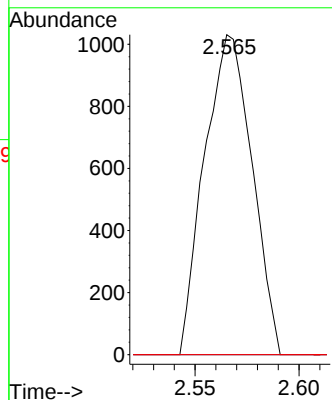
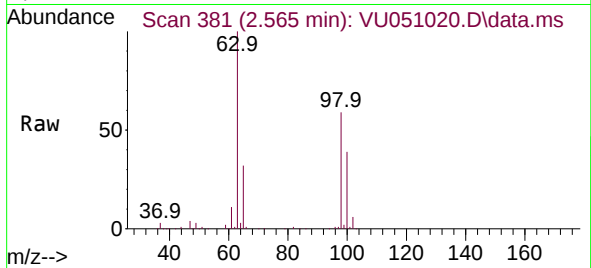




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.706 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051020.D
 Acq: 30 Sep 2022 07:47

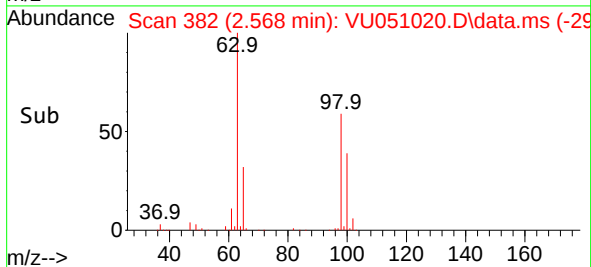
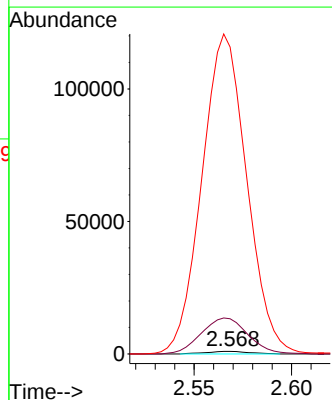
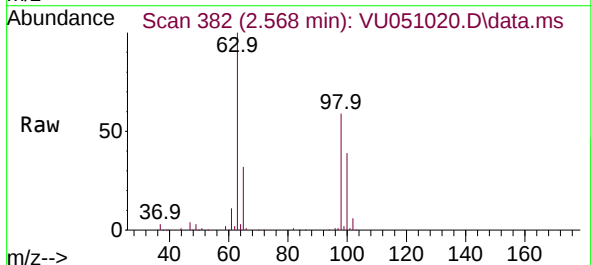
Instrument :
 MSVOA_U
 ClientSampleId :

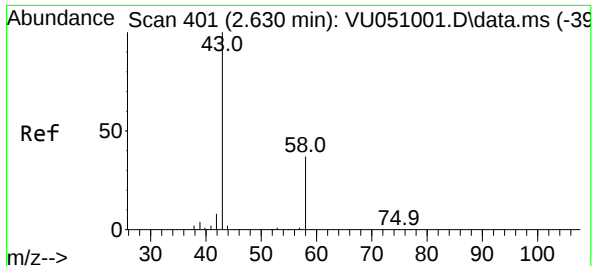
Tgt Ion:101 Resp: 1639
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.694 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051020.D
 Acq: 30 Sep 2022 07:47

Tgt Ion: 96 Resp: 1504
 Ion Ratio Lower Upper
 96 100
 61 1330.8 113.0 209.9#
 63 11626.5 91.7 170.3#





#13

Acetone

Concen: 2.286 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU051020.D

Acq: 30 Sep 2022 07:47

Instrument :

MSVOA_U

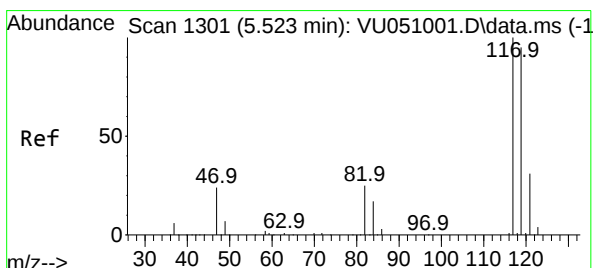
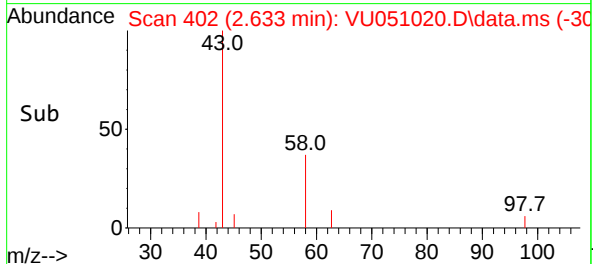
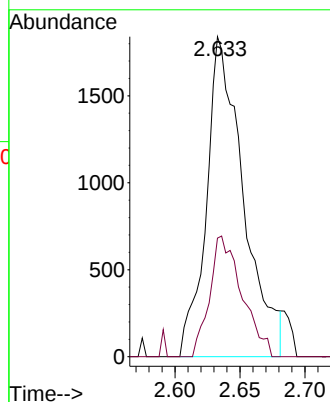
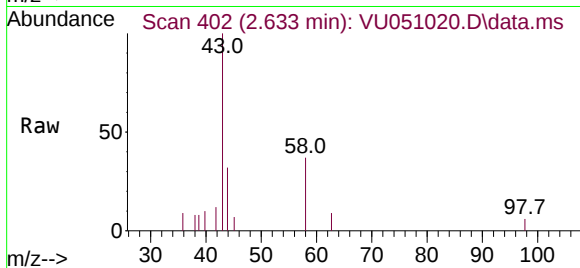
ClientSampleId :

Tgt Ion: 43 Resp: 3647

Ion Ratio Lower Upper

43 100

58 32.4 0.0 73.6



#31

Carbon tetrachloride

Concen: 2.687 ug/L

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU051020.D

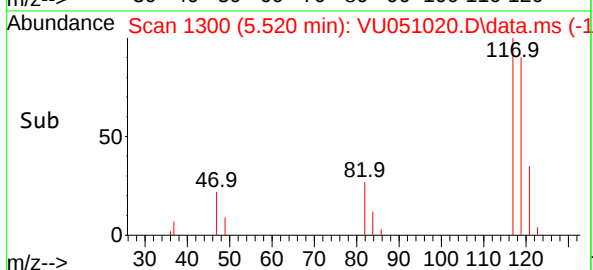
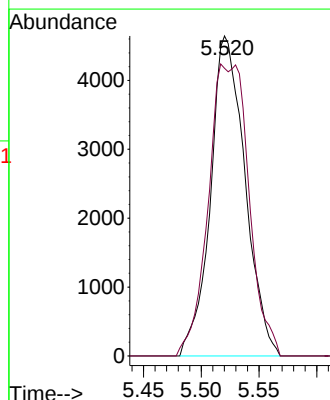
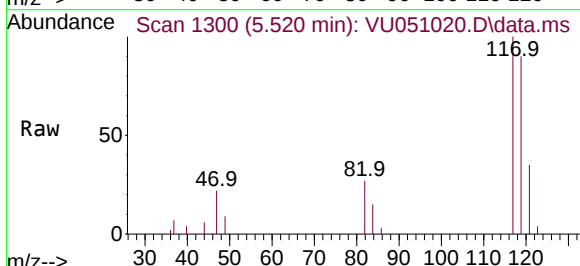
Acq: 30 Sep 2022 07:47

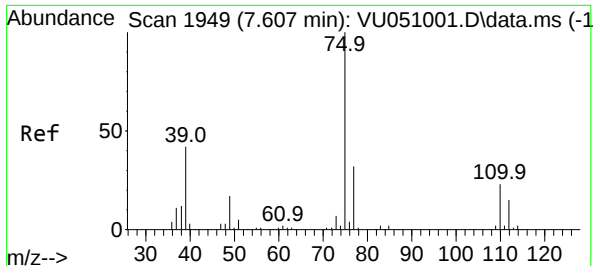
Tgt Ion: 117 Resp: 9666

Ion Ratio Lower Upper

117 100

119 55.7 75.7 113.5#





#39

cis-1,3-Dichloropropene

Concen: 0.922 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051020.D

Acq: 30 Sep 2022 07:47

Instrument :

MSVOA_U

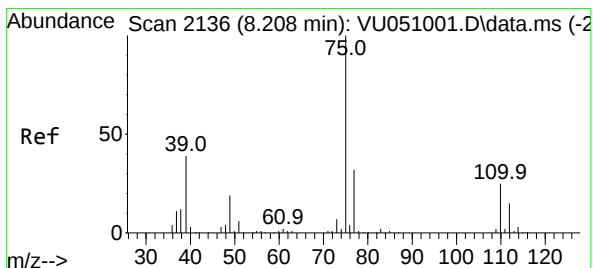
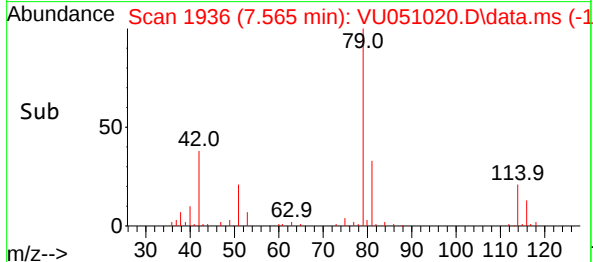
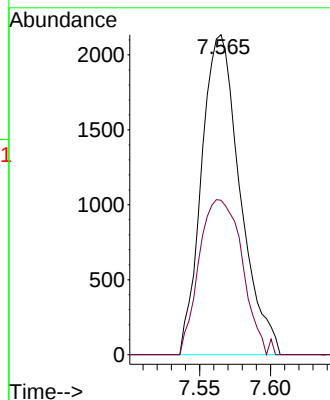
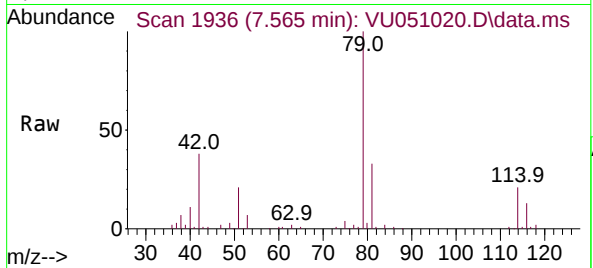
ClientSampleId :

Tgt Ion: 75 Resp: 4029

Ion Ratio Lower Upper

75 100

77 45.7 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.665 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051020.D

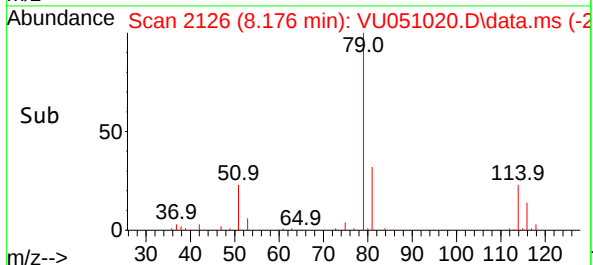
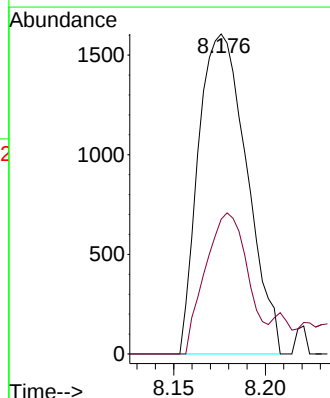
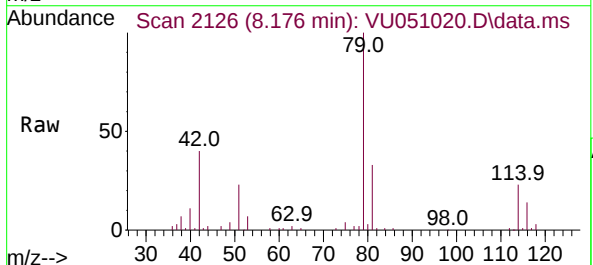
Acq: 30 Sep 2022 07:47

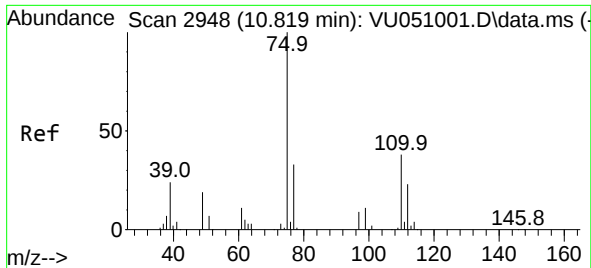
Tgt Ion: 75 Resp: 2941

Ion Ratio Lower Upper

75 100

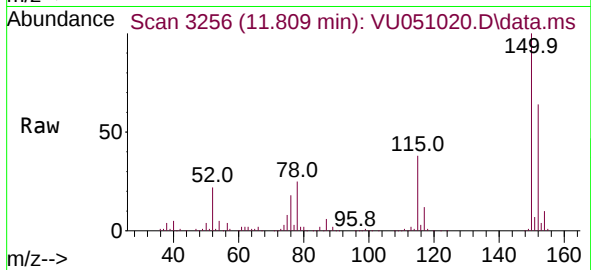
77 42.1 22.7 42.3





#60
 1,2,3-Trichloropropane
 Concen: 4.774 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051020.D
 Acq: 30 Sep 2022 07:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16041
Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.1	39.1
110	2.2	30.0	45.0#

