

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050433.D
 Acq On : 24 Aug 2022 18:23
 Operator : SY/MD
 Sample : N4322-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:33:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

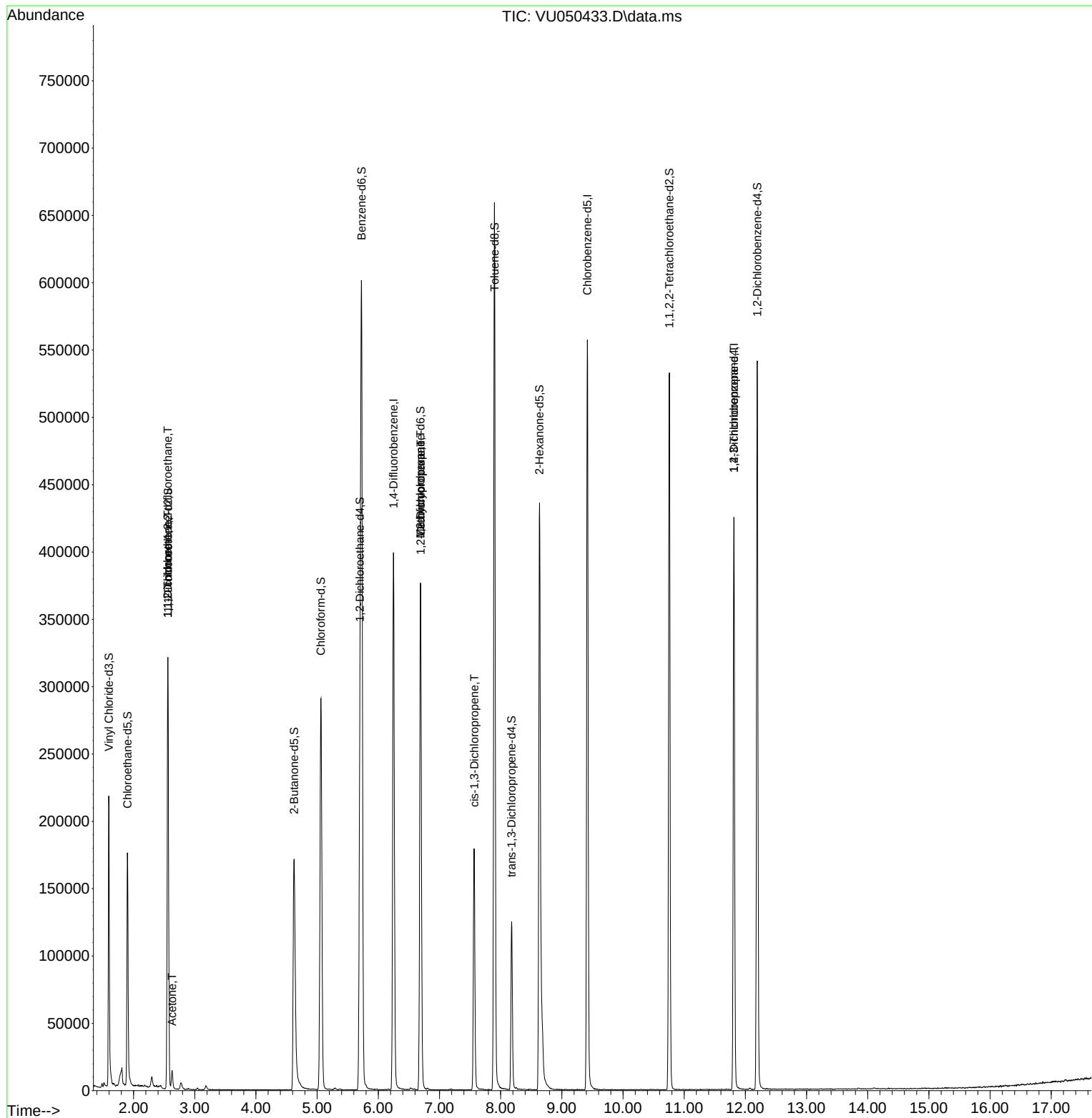
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	323824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317041	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	167644	43.783	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.560%	
7) Chloroethane-d5	1.900	69	133282	47.042	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.080%	
11) 1,1-Dichloroethene-d2	2.562	63	189240	34.972	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.940%	
21) 2-Butanone-d5	4.623	46	251207	100.233	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.230%	
24) Chloroform-d	5.060	84	275598	44.838	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.680%	
26) 1,2-Dichloroethane-d4	5.700	65	178688	46.776	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.560%	
32) Benzene-d6	5.726	84	554053	47.296	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.690	67	187472	48.308	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.620%	
41) Toluene-d8	7.899	98	446635	43.572	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.140%	
43) trans-1,3-Dichloroprop...	8.179	79	70285	43.418	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.840%	
47) 2-Hexanone-d5	8.633	63	139277	96.708	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.710%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	278081	46.458	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.920%	
66) 1,2-Dichlorobenzene-d4	12.195	152	144181	52.217	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.440%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1768	0.787	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1510	0.760	ug/L #	1
13) Acetone	2.630	43	14992	9.098	ug/L	97
35) Methylcyclohexane	6.690	83	42703	13.441	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	19393	6.955	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	4295	1.173	ug/L #	55
60) 1,2,3-Trichloropropane	11.812	75	14003	4.701	ug/L #	69

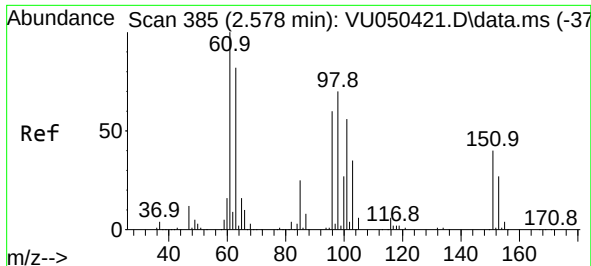
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 25 05:03:52 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.787 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

Lab File: VU050433.D

Acq: 24 Aug 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

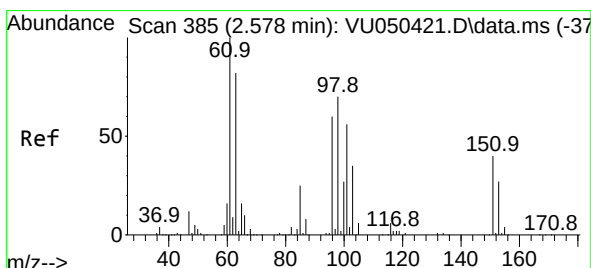
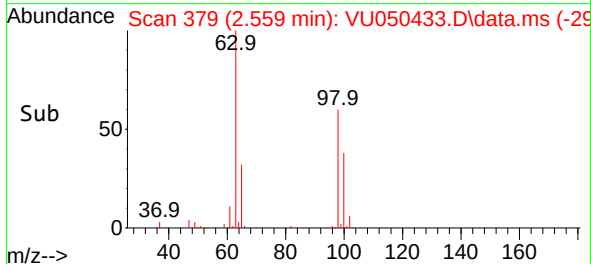
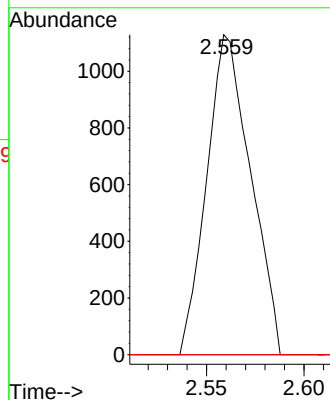
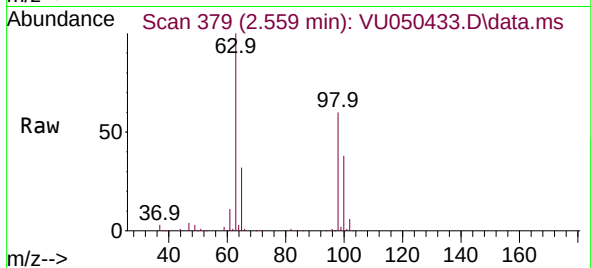
Tgt Ion:101 Resp: 1768

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 57.3 85.9#



#12

1,1-Dichloroethene

Concen: 0.760 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

Lab File: VU050433.D

Acq: 24 Aug 2022 18:23

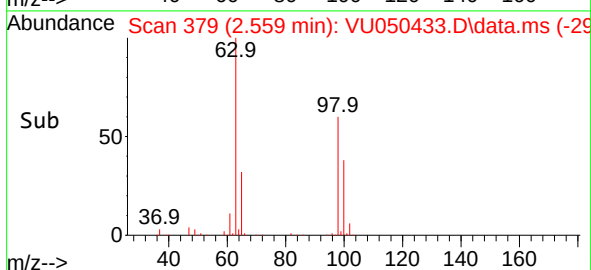
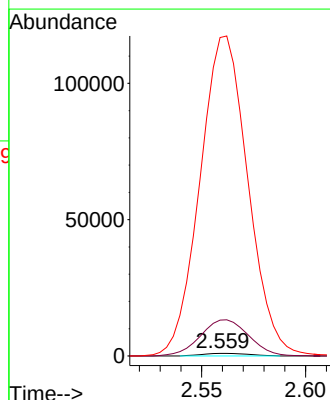
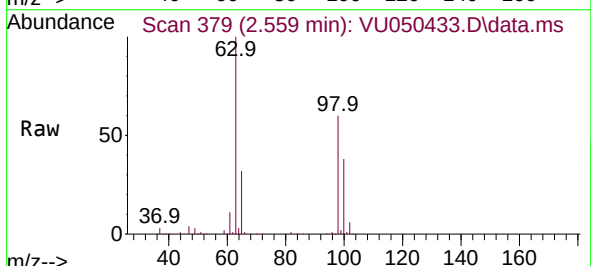
Tgt Ion: 96 Resp: 1510

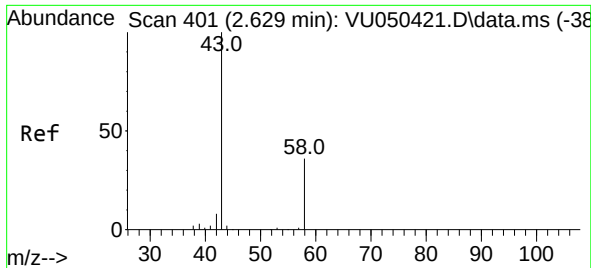
Ion Ratio Lower Upper

96 100

61 1392.7 116.8 216.8#

63 12376.3 97.4 180.8#





#13

Acetone

Concen: 9.098 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU050433.D

Acq: 24 Aug 2022 18:23

Instrument :

MSVOA_U

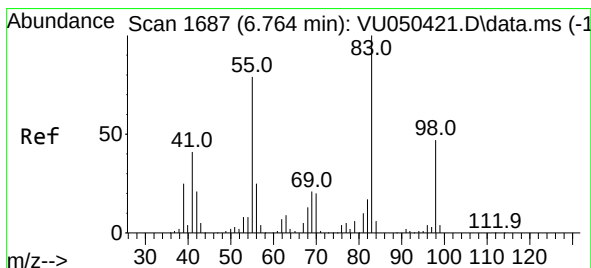
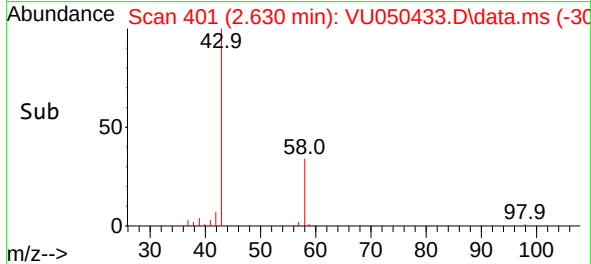
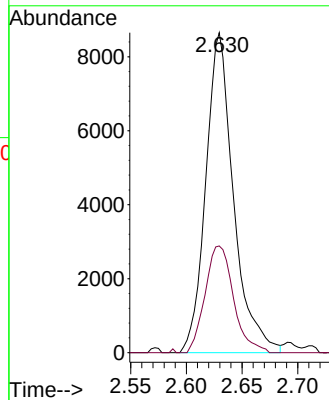
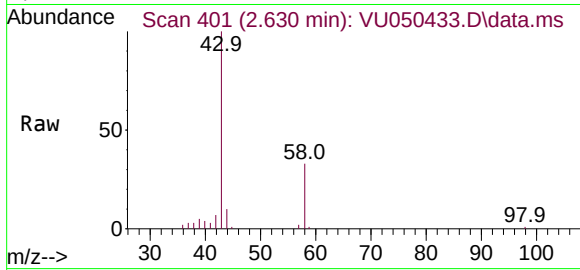
ClientSampleId :

Tgt Ion: 43 Resp: 14992

Ion Ratio Lower Upper

43 100

58 34.1 0.0 72.2



#35

Methylcyclohexane

Concen: 13.441 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050433.D

Acq: 24 Aug 2022 18:23

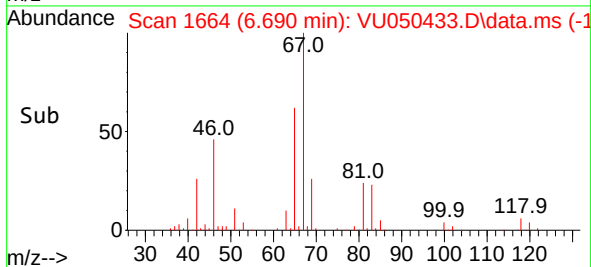
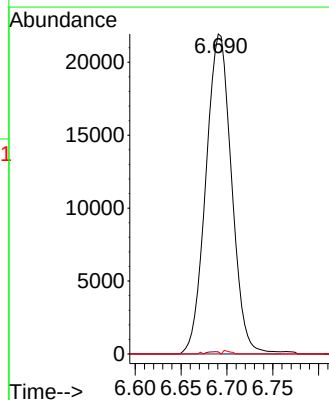
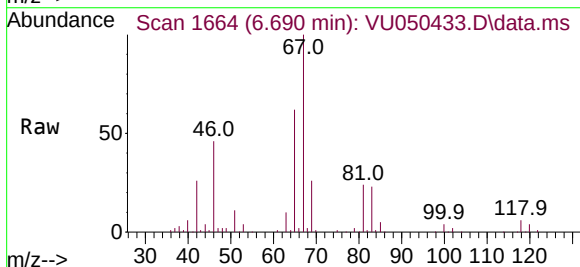
Tgt Ion: 83 Resp: 42703

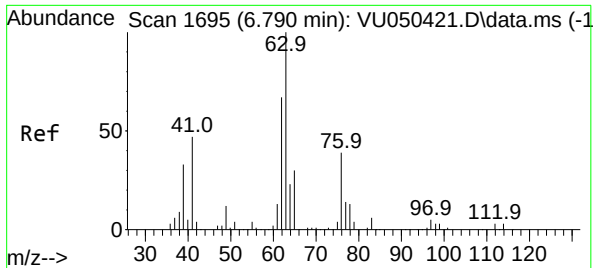
Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

98 0.3 35.8 53.8#





#37

1,2-Dichloropropane

Concen: 6.955 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU050433.D

Acq: 24 Aug 2022 18:23

Instrument :

MSVOA_U

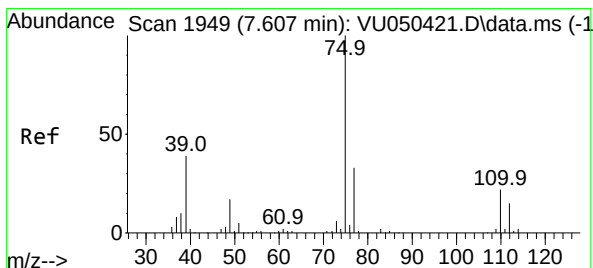
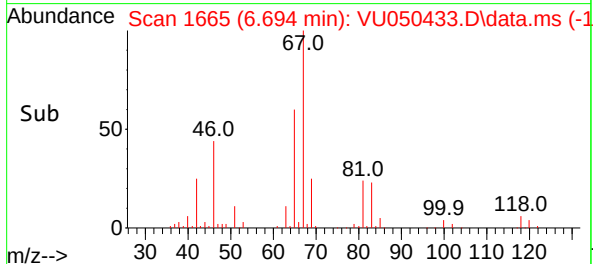
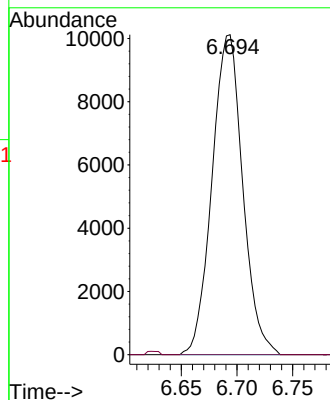
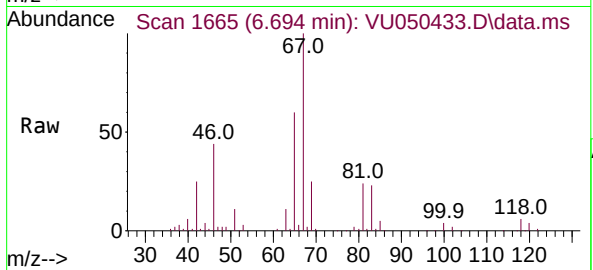
ClientSampleId :

Tgt Ion: 63 Resp: 19393

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.173 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU050433.D

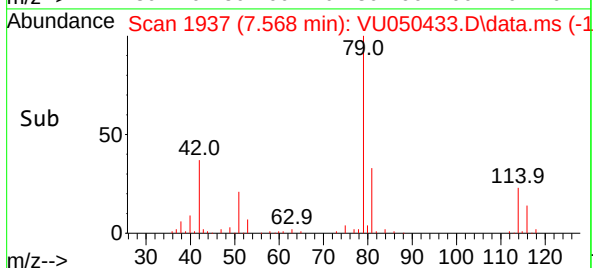
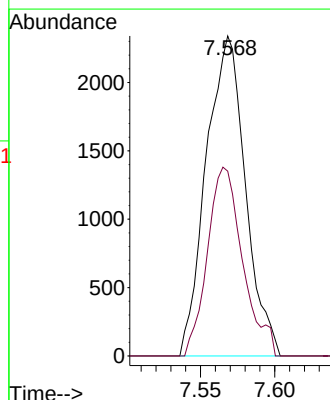
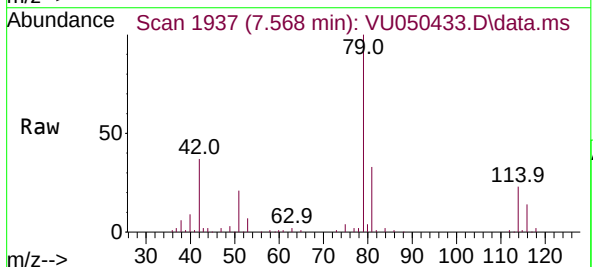
Acq: 24 Aug 2022 18:23

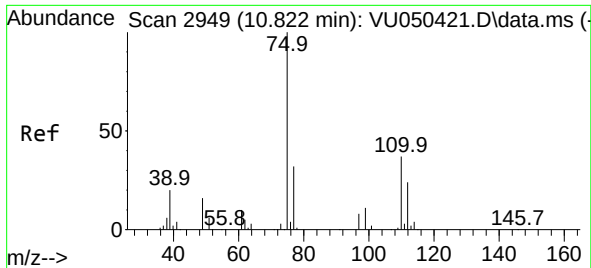
Tgt Ion: 75 Resp: 4295

Ion Ratio Lower Upper

75 100

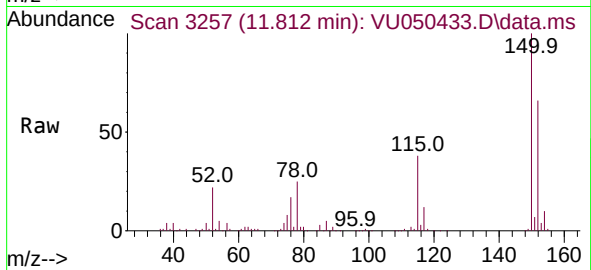
77 57.7 22.8 42.4#





#60
 1,2,3-Trichloropropane
 Concen: 4.701 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU050433.D
 Acq: 24 Aug 2022 18:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	14003
Ion	Ratio	Lower Upper
75	100	
77	32.6	25.7 38.5
110	1.9	29.0 43.4#

