

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049826.D
 Acq On : 21 Jul 2022 13:48
 Operator : SY/MD
 Sample : N3792-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 04:12:40 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)

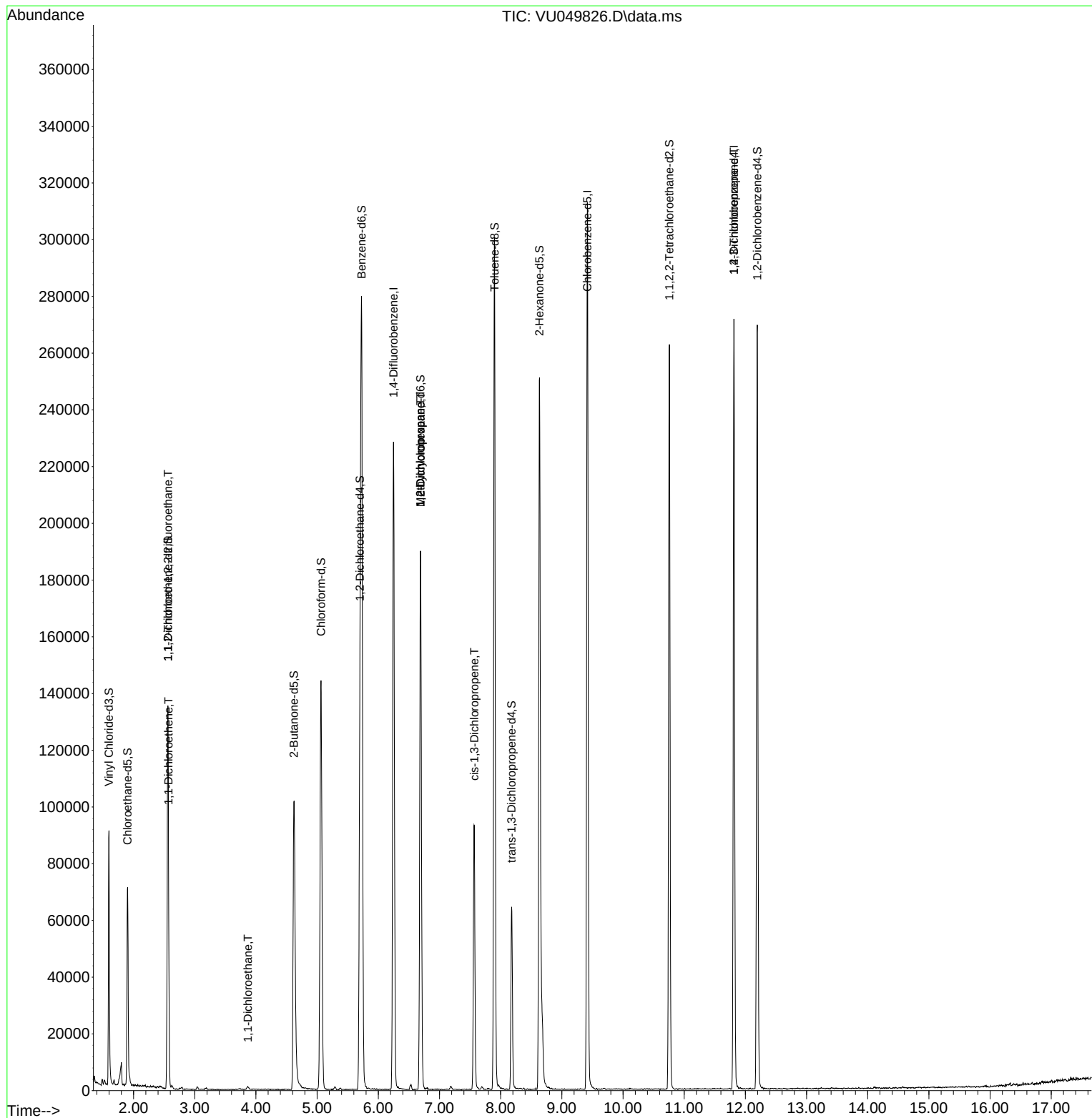
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	163090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63043	42.418	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.840%	
7) Chloroethane-d5	1.899	69	51129	47.592	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.180%	
11) 1,1-Dichloroethene-d2	2.562	63	83045	31.633	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.260%	
21) 2-Butanone-d5	4.620	46	149240	117.627	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.630%	
24) Chloroform-d	5.063	84	133953	50.887	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.780%	
26) 1,2-Dichloroethane-d4	5.700	65	94426	53.001	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.000%	
32) Benzene-d6	5.729	84	242276	48.899	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.690	67	89110	53.471	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.940%	
41) Toluene-d8	7.899	98	192043	44.509	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.020%	
43) trans-1,3-Dichloroprop...	8.179	79	35588	50.685	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.360%	
47) 2-Hexanone-d5	8.632	63	74902	99.916	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130051	55.772	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	111.540%	
66) 1,2-Dichlorobenzene-d4	12.195	152	67039	52.486	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.980%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	558	0.411	ug/L #	20
12) 1,1-Dichloroethene	2.571	96	1281	1.017	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	1288	0.449	ug/L #	81
35) Methylcyclohexane	6.690	83	20220	8.683	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9778	5.755	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2419	1.056	ug/L #	47
60) 1,2,3-Trichloropropane	11.812	75	8900	4.932	ug/L #	68

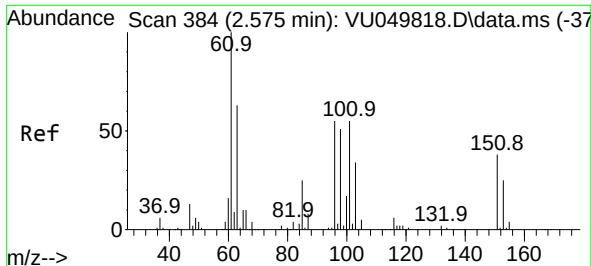
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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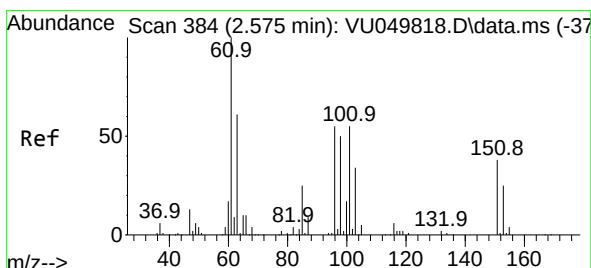
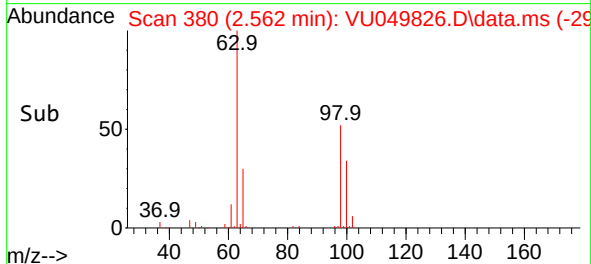
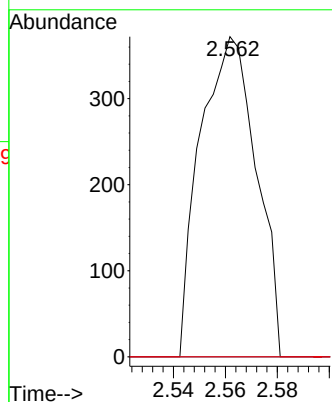
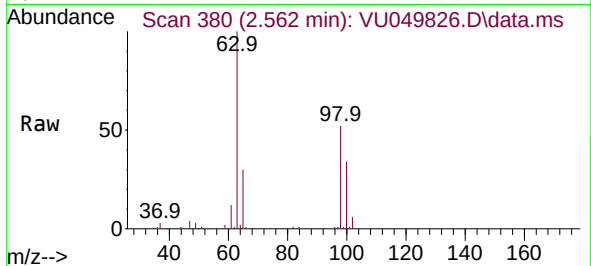




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.411 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU049826.D
 Acq: 21 Jul 2022 13:48

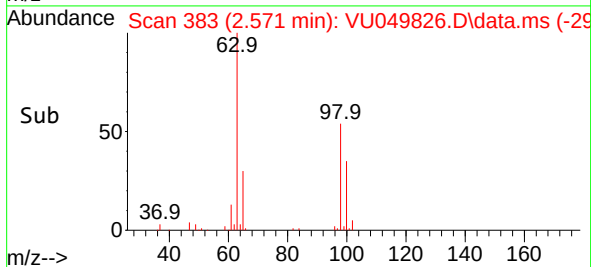
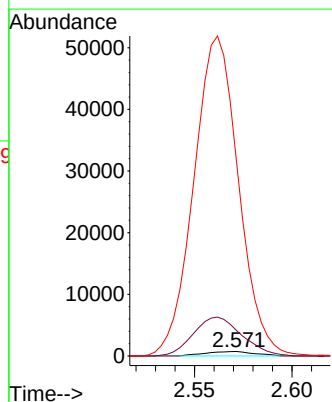
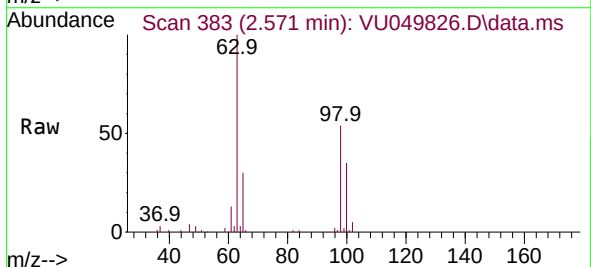
Instrument :
 MSVOA_U
 ClientSampleId :

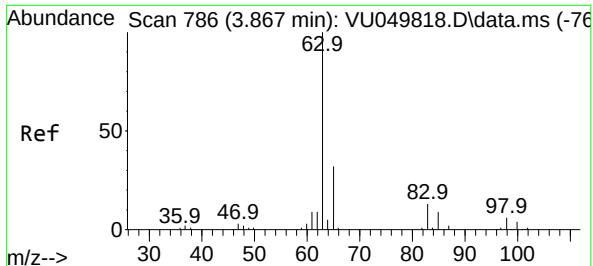
Tgt Ion:101 Resp: 558
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 1.017 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU049826.D
 Acq: 21 Jul 2022 13:48

Tgt Ion: 96 Resp: 1281
 Ion Ratio Lower Upper
 96 100
 61 573.5 129.6 240.6#
 63 4384.5 79.0 146.6#





#19

1,1-Dichloroethane

Concen: 0.449 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049826.D

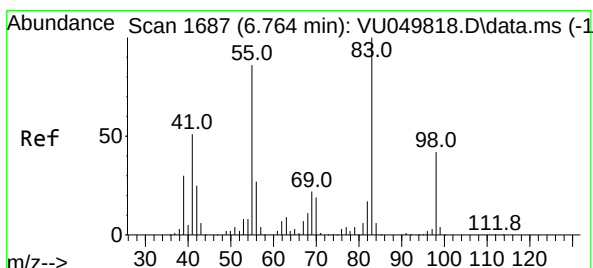
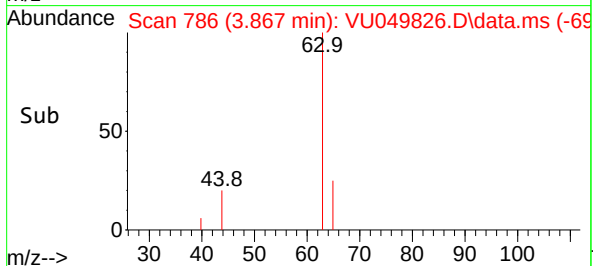
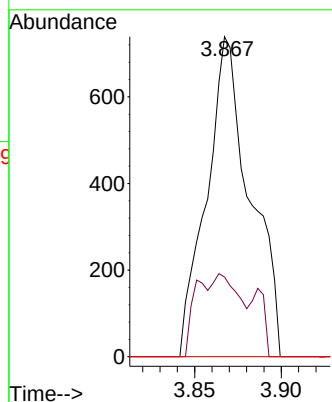
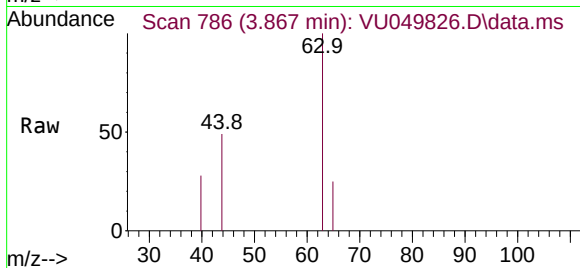
Acq: 21 Jul 2022 13:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	1288
Ion	Ratio	Lower	Upper
63	100		
65	24.9	22.6	42.0
83	0.0	9.2	17.2



#35

Methylcyclohexane

Concen: 8.683 ug/L

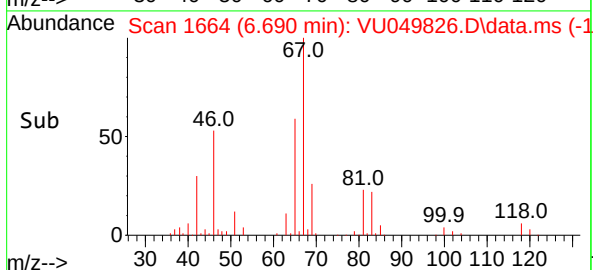
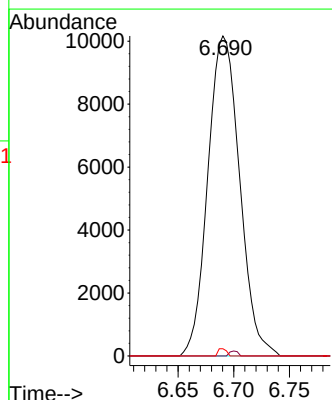
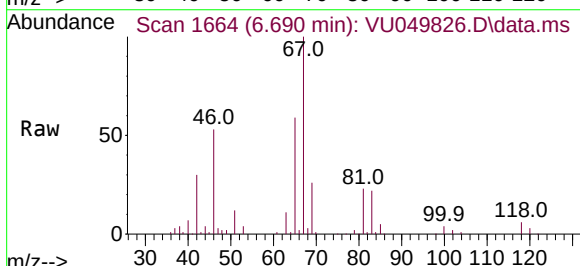
RT: 6.690 min Scan# 1664

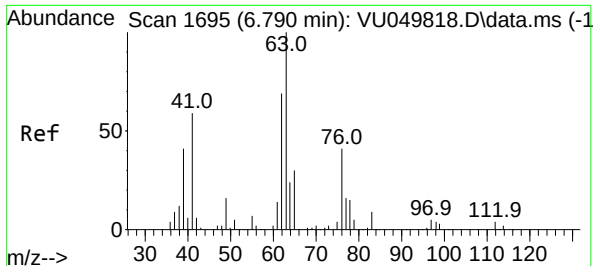
Delta R.T. -0.074 min

Lab File: VU049826.D

Acq: 21 Jul 2022 13:48

Tgt Ion:	83	Resp:	20220
Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.0	99.0
98	0.6	34.6	51.8





#37

1,2-Dichloropropane

Concen: 5.755 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049826.D

Acq: 21 Jul 2022 13:48

Instrument :

MSVOA_U

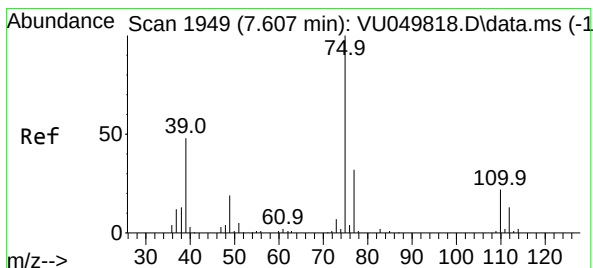
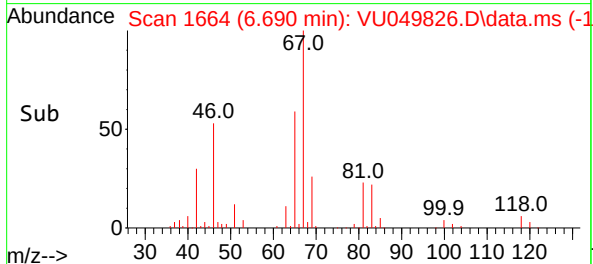
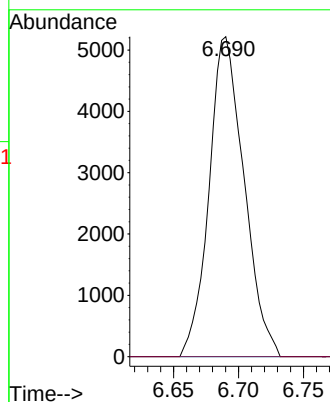
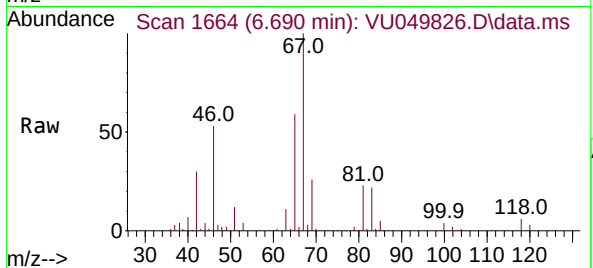
ClientSampleId :

Tgt Ion: 63 Resp: 9778

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.056 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049826.D

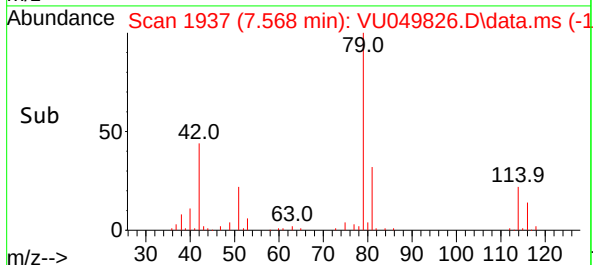
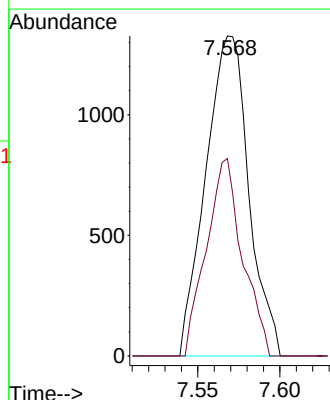
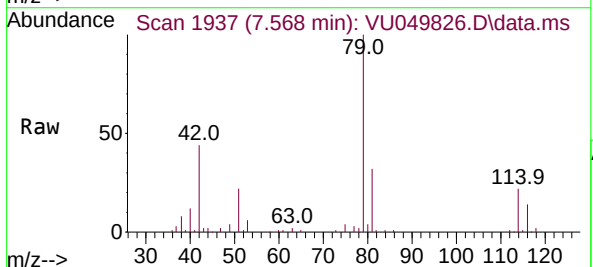
Acq: 21 Jul 2022 13:48

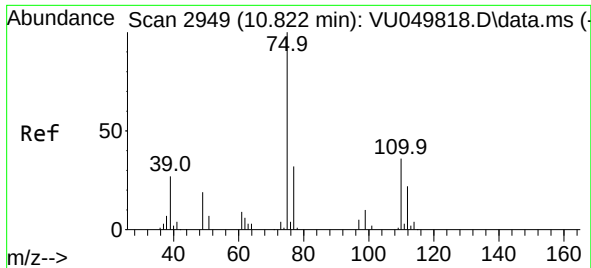
Tgt Ion: 75 Resp: 2419

Ion Ratio Lower Upper

75 100

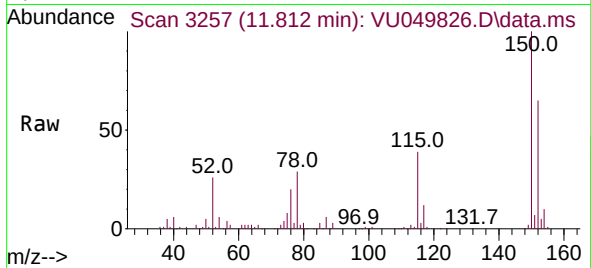
77 61.7 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.932 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049826.D
 Acq: 21 Jul 2022 13:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8900
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 110 1.1 28.9 43.3#

