

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047690.D
 Acq On : 25 Mar 2022 22:12
 Operator : SY/MD
 Sample : N2082-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW612

Quant Time: Mar 26 04:23:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

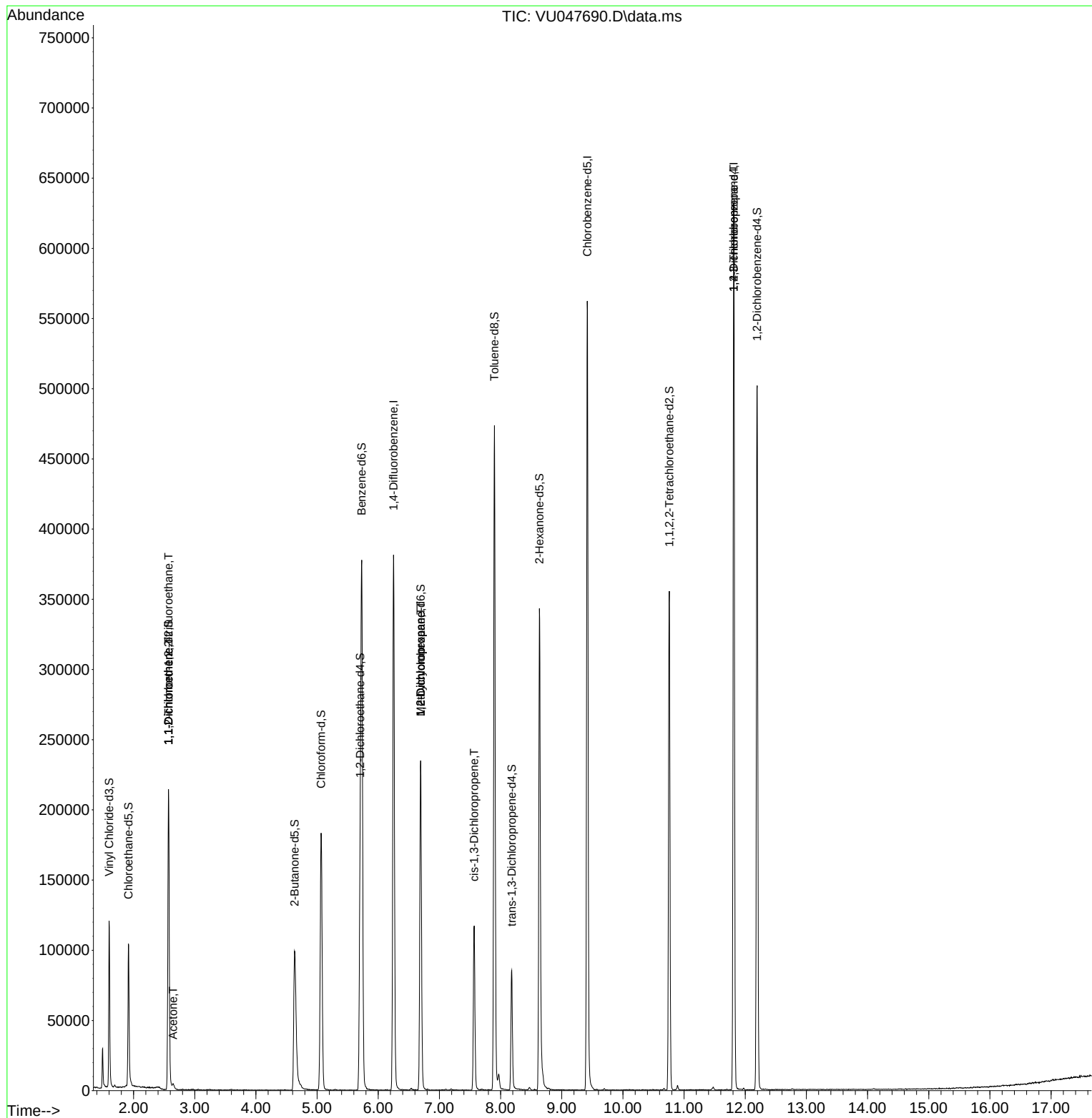
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	335432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175066	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86316	37.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.180%		
7) Chloroethane-d5	1.916	69	75686	41.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.500%		
11) 1,1-Dichloroethene-d2	2.571	63	124342	29.204	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.400%#		
21) 2-Butanone-d5	4.632	46	163424	81.818	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.820%		
24) Chloroform-d	5.067	84	172304	40.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.940%		
26) 1,2-Dichloroethane-d4	5.703	65	110848	42.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.900%		
32) Benzene-d6	5.729	84	349199	41.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.740%		
36) 1,2-Dichloropropane-d6	6.693	67	110871	42.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.540%		
41) Toluene-d8	7.899	98	320821	39.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.020%#		
43) trans-1,3-Dichloroprop...	8.182	79	48027	36.572	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.140%		
47) 2-Hexanone-d5	8.636	63	118325	77.977	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.980%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	173895	39.090	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.180%		
66) 1,2-Dichlorobenzene-d4	12.195	152	136956	43.972	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.940%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1199	0.507	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1134	0.515	ug/L #	1
13) Acetone	2.645	43	4776	2.569	ug/L	96
35) Methylcyclohexane	6.693	83	26679	6.889	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	11867	4.808	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2815	0.735	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	18365	5.565	ug/L #	65

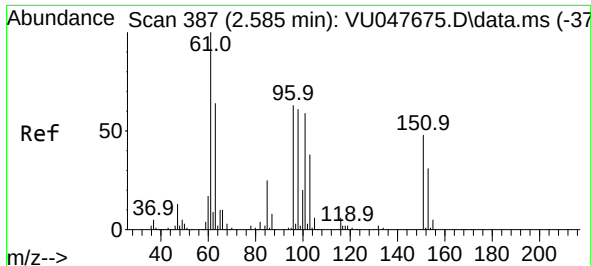
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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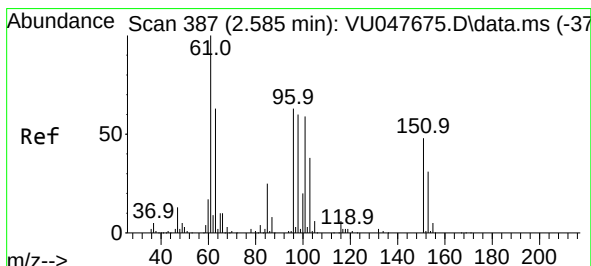
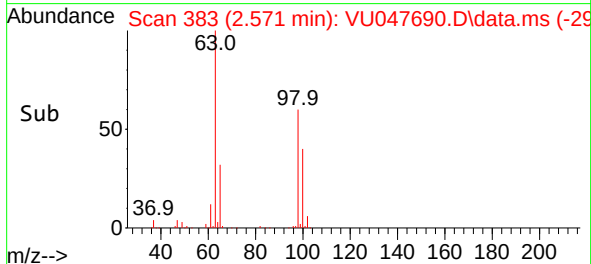
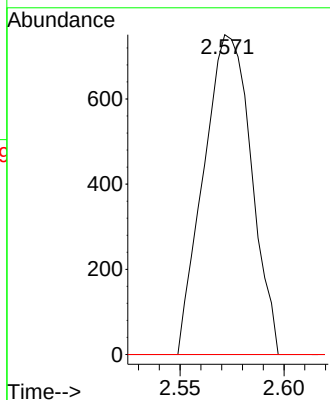
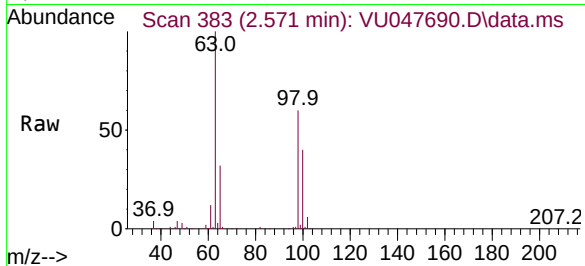




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.507 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047690.D
 Acq: 25 Mar 2022 22:12

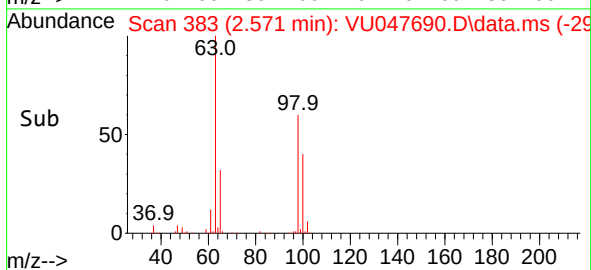
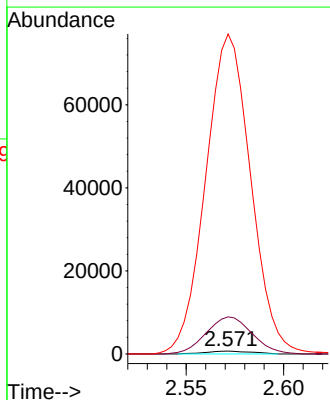
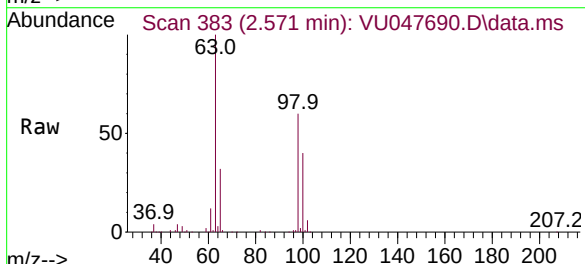
Instrument :
 MSVOA_U
 ClientSampleId :
 EW612

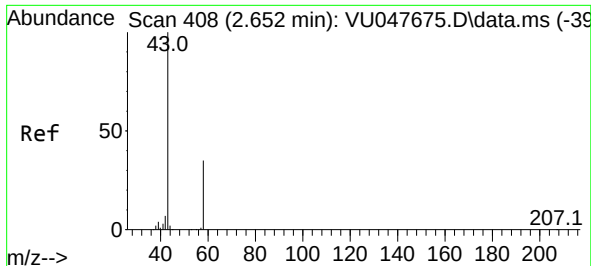
Tgt Ion:101 Resp: 1199
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.515 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047690.D
 Acq: 25 Mar 2022 22:12

Tgt Ion: 96 Resp: 1134
 Ion Ratio Lower Upper
 96 100
 61 1269.4 113.1 210.1#
 63 10962.2 94.8 176.0#





#13

Acetone

Concen: 2.569 ug/L

RT: 2.645 min Scan# 40

Delta R.T. -0.007 min

Lab File: VU047690.D

Acq: 25 Mar 2022 22:12

Instrument :

MSVOA_U

ClientSampleId :

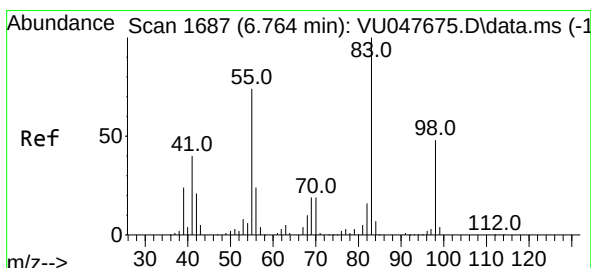
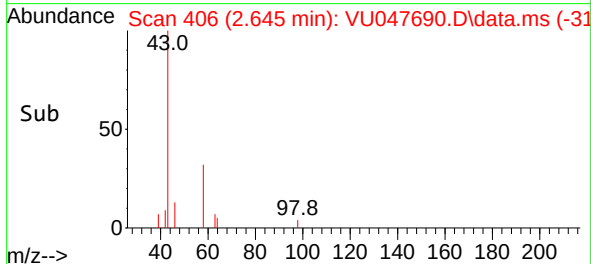
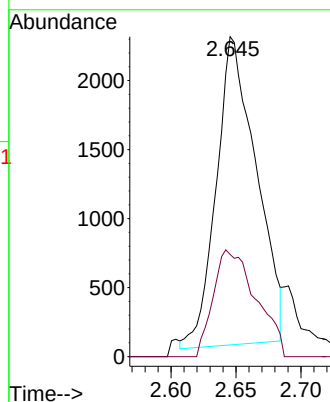
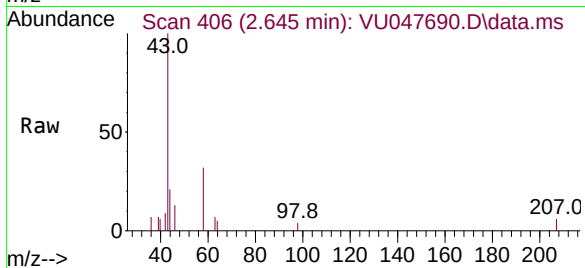
EW612

Tgt Ion: 43 Resp: 4776

Ion Ratio Lower Upper

43 100

58 37.1 0.0 70.0



#35

Methylcyclohexane

Concen: 6.889 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU047690.D

Acq: 25 Mar 2022 22:12

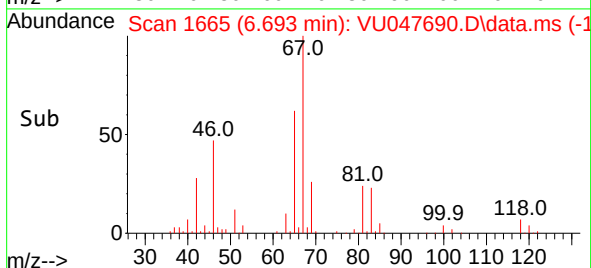
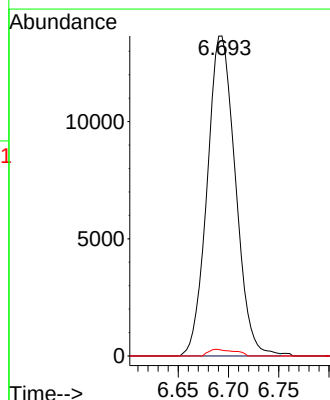
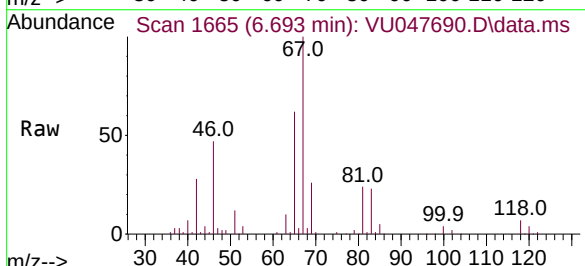
Tgt Ion: 83 Resp: 26679

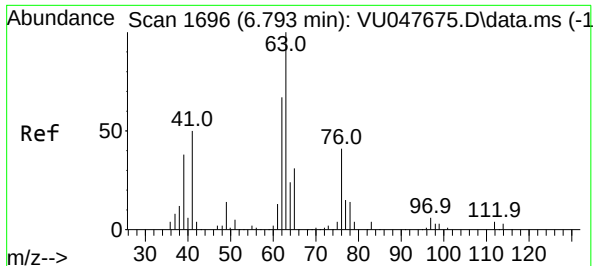
Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 1.9 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 4.808 ug/L

RT: 6.693 min Scan# 11

Delta R.T. -0.100 min

Lab File: VU047690.D

Acq: 25 Mar 2022 22:12

Instrument :

MSVOA_U

ClientSampleId :

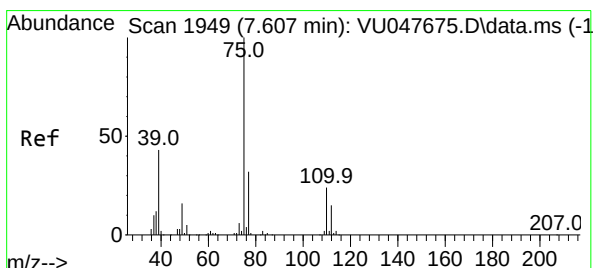
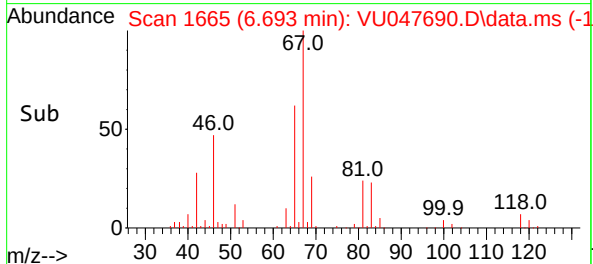
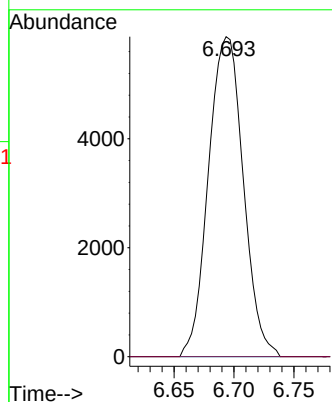
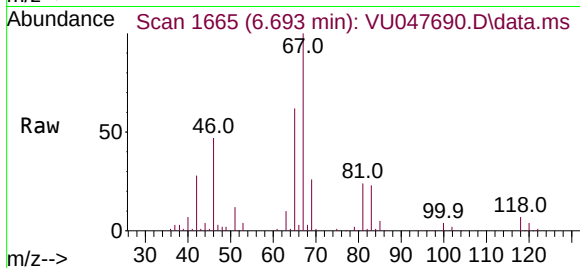
EW612

Tgt Ion: 63 Resp: 11867

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU047690.D

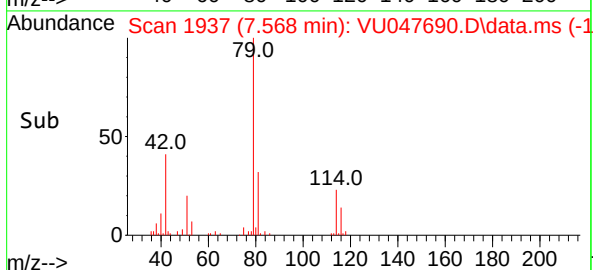
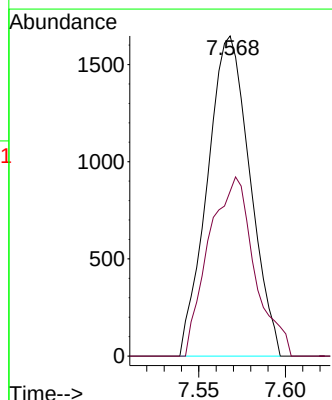
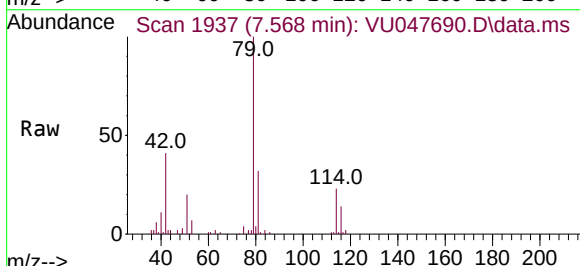
Acq: 25 Mar 2022 22:12

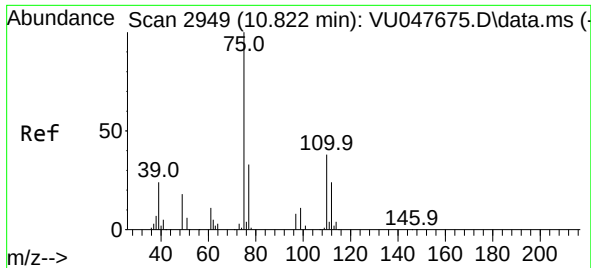
Tgt Ion: 75 Resp: 2815

Ion Ratio Lower Upper

75 100

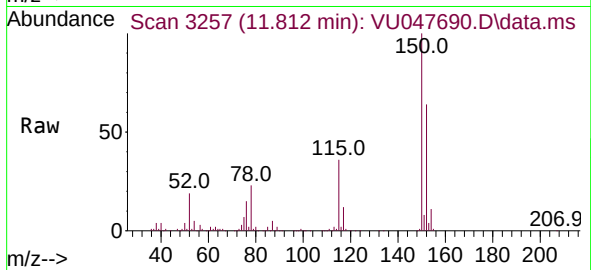
77 51.5 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.565 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU047690.D
 Acq: 25 Mar 2022 22:12

Instrument :
 MSVOA_U
 ClientSampleId :
 EW612



Tgt Ion:	75	Resp:	18365
Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.0	39.0
110	2.8	31.4	47.2#

