

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046723.D
 Acq On : 11 Jan 2022 12:49
 Operator : SY/MD
 Sample : VU0111WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 12 04:50:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

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

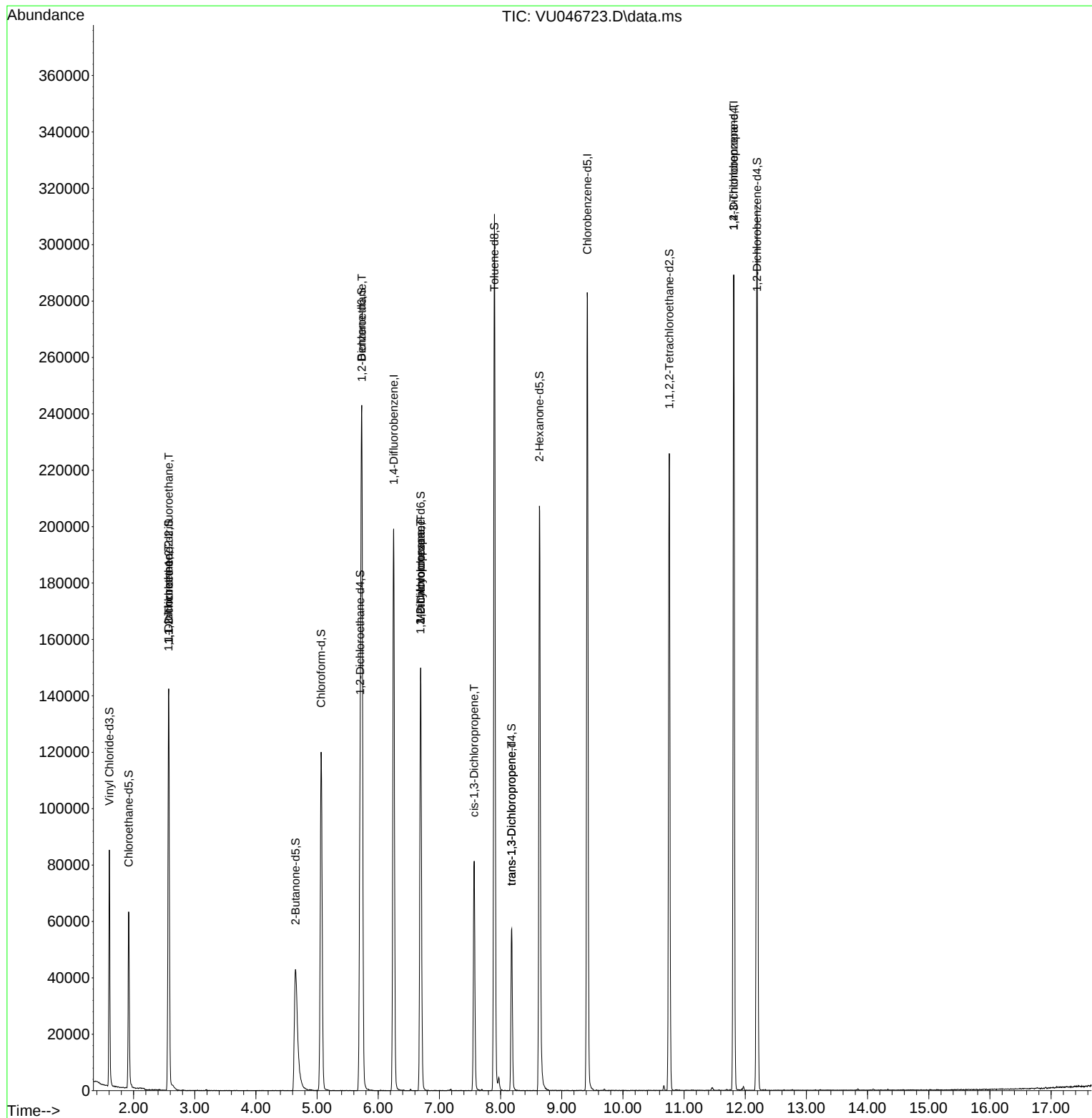
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	166667	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	164092	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62945	43.280	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.560%		
7) Chloroethane-d5	1.919	69	50093	46.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.720%		
11) 1,1-Dichloroethene-d2	2.575	63	84537	34.176	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.360%		
21) 2-Butanone-d5	4.649	46	100618	94.526	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.530%		
24) Chloroform-d	5.067	84	114176	44.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.060%		
26) 1,2-Dichloroethane-d4	5.703	65	75523	46.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.900%		
32) Benzene-d6	5.729	84	230175	44.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.900%		
36) 1,2-Dichloropropane-d6	6.693	67	71617	45.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.680%		
41) Toluene-d8	7.899	98	205855	44.966	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.940%		
43) trans-1,3-Dichloroprop...	8.179	79	34191	45.421	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.840%		
47) 2-Hexanone-d5	8.636	63	81027	97.614	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.610%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	111256	45.975	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.960%		
66) 1,2-Dichlorobenzene-d4	12.192	152	83790	52.401	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	725	0.618	ug/L #	20
12) 1,1-Dichloroethene	2.571	96	639	0.579	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1158	0.656	ug/L #	74
35) Methylcyclohexane	6.693	83	17667	8.887	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	7984	6.393	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2018	1.050	ug/L #	76
44) trans-1,3-Dichloropropene	8.179	75	1573	0.844	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	8900	5.473	ug/L #	63

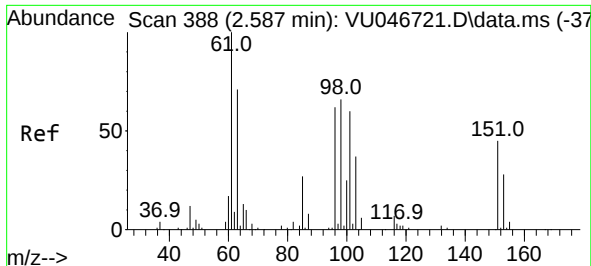
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 12 04:50:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 12 04:49:52 2022
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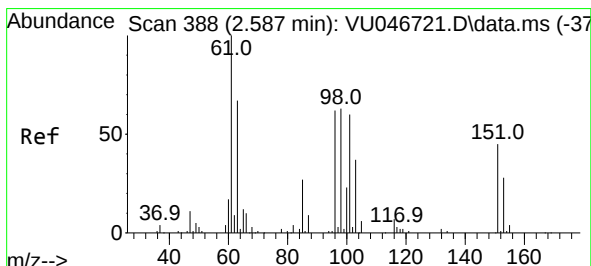
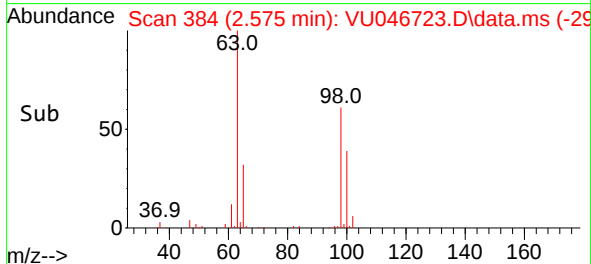
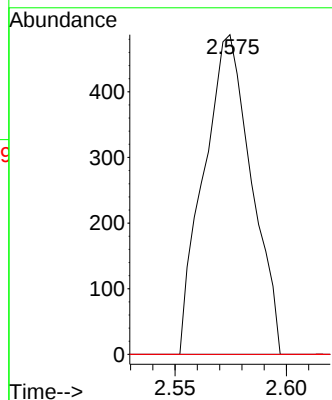
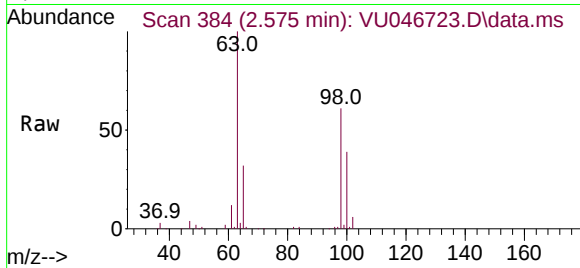




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.618 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU046723.D
 Acq: 11 Jan 2022 12:49

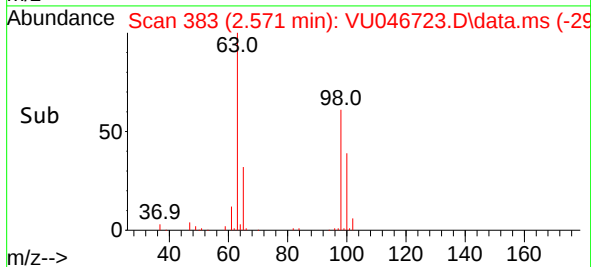
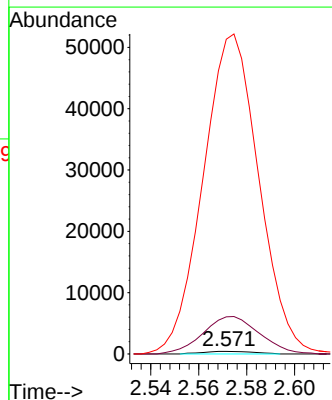
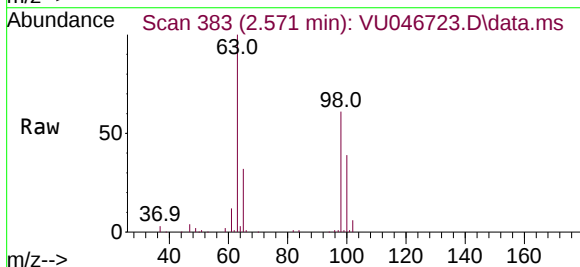
Instrument :
 MSVOA_U
 ClientSampleId :

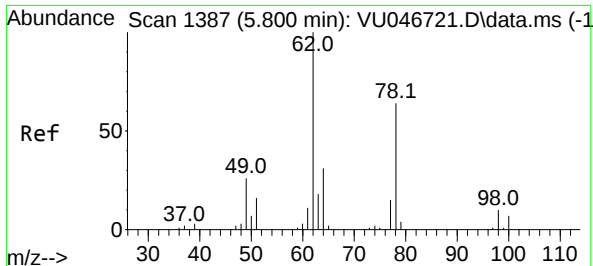
Tgt Ion:101 Resp: 725
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.579 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046723.D
 Acq: 11 Jan 2022 12:49

Tgt Ion: 96 Resp: 639
 Ion Ratio Lower Upper
 96 100
 61 1431.0 114.9 213.3#
 63 12136.2 86.0 159.8#





#27

1,2-Dichloroethane

Concen: 0.656 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU046723.D

Acq: 11 Jan 2022 12:49

Instrument :

MSVOA_U

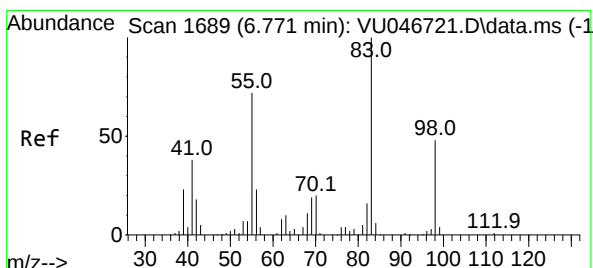
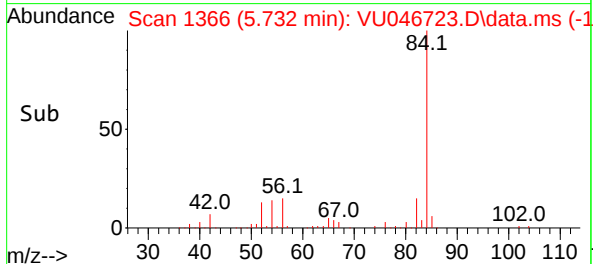
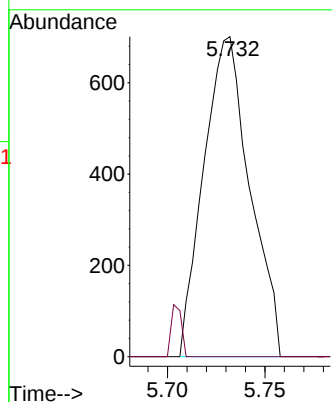
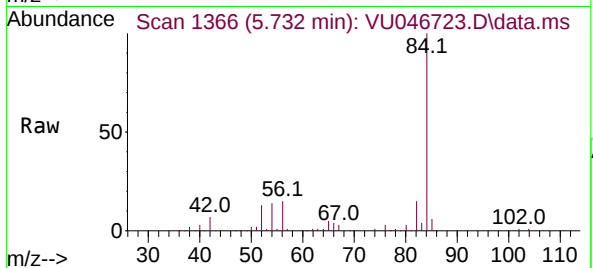
ClientSampleId :

Tgt Ion: 62 Resp: 1158

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#35

Methylcyclohexane

Concen: 8.887 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.077 min

Lab File: VU046723.D

Acq: 11 Jan 2022 12:49

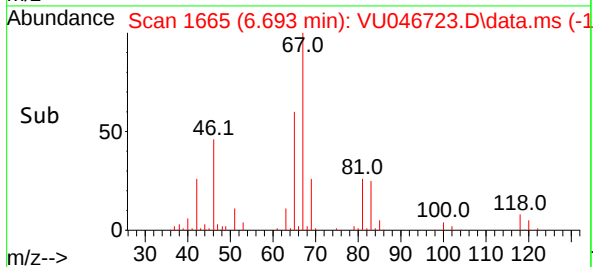
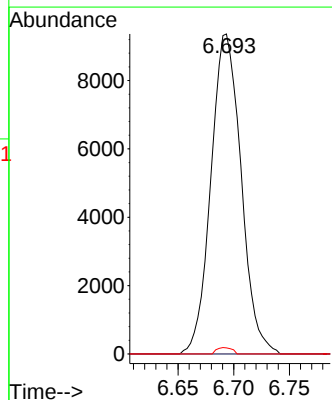
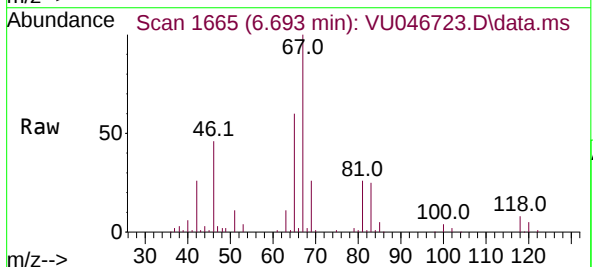
Tgt Ion: 83 Resp: 17667

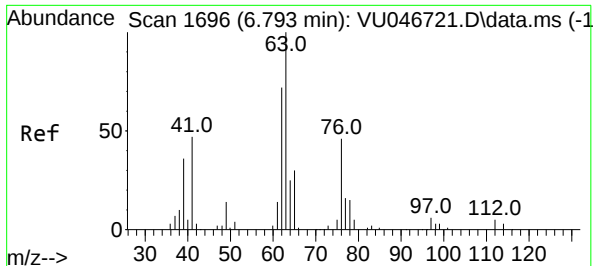
Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 1.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.393 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046723.D

Acq: 11 Jan 2022 12:49

Instrument :

MSVOA_U

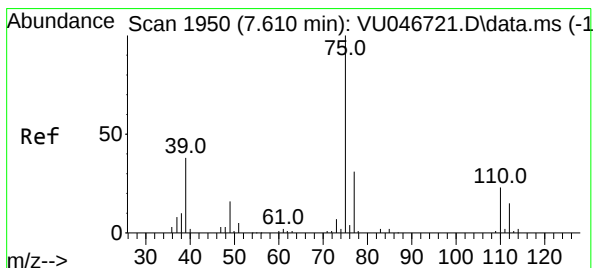
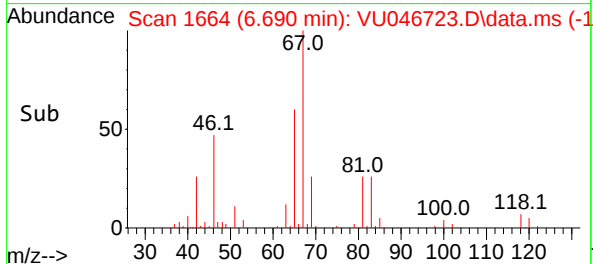
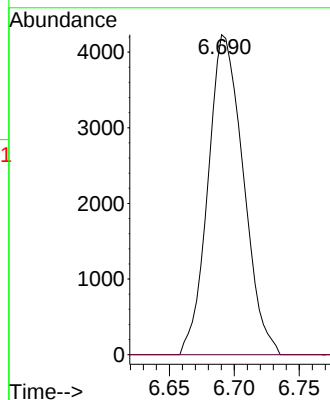
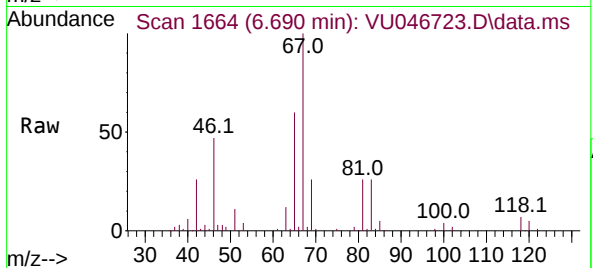
ClientSampleId :

Tgt Ion: 63 Resp: 7984

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.050 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046723.D

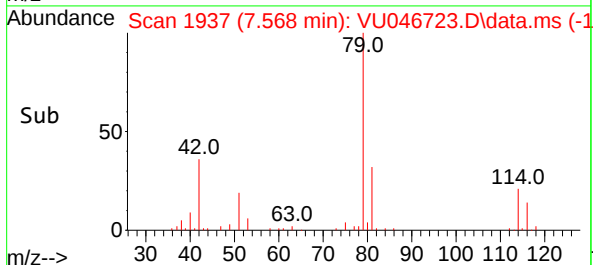
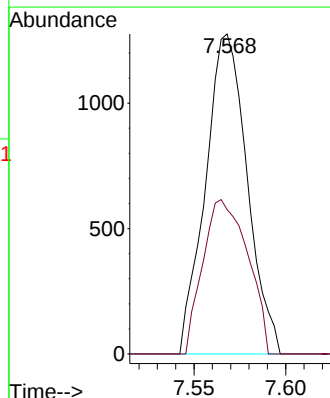
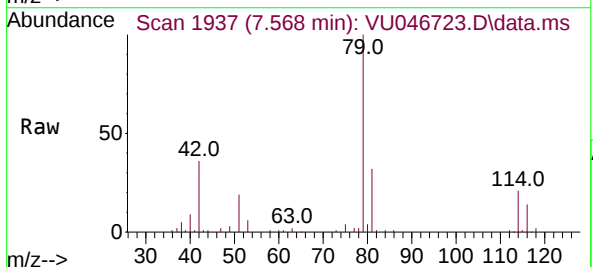
Acq: 11 Jan 2022 12:49

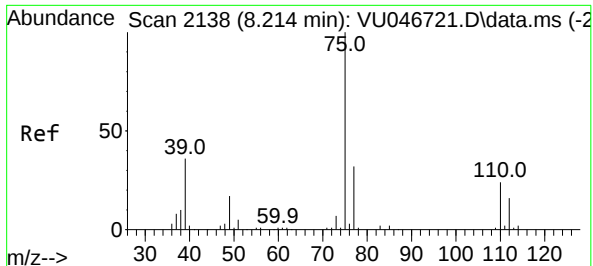
Tgt Ion: 75 Resp: 2018

Ion Ratio Lower Upper

75 100

77 45.1 22.3 41.3#

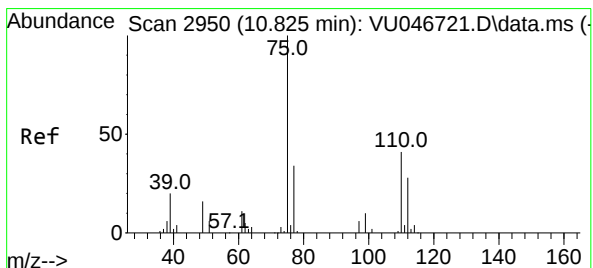
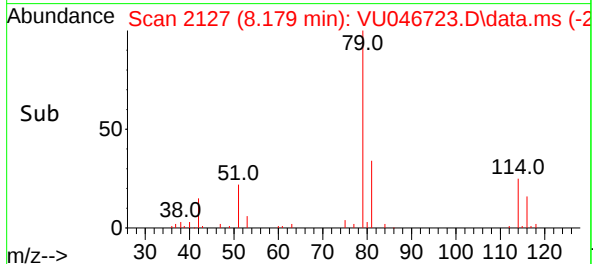
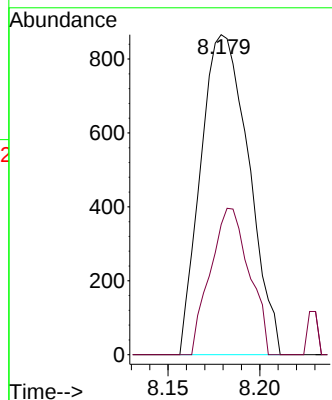
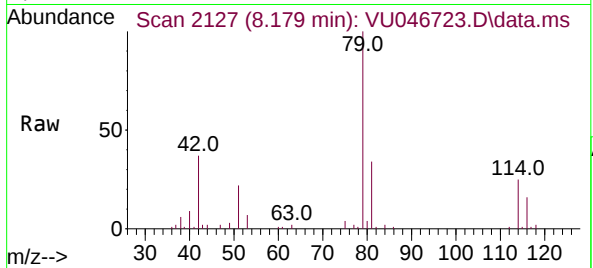




#44
 trans-1,3-Dichloropropene
 Concen: 0.844 ug/L
 RT: 8.179 min Scan# 2138
 Delta R.T. -0.035 min
 Lab File: VU046723.D
 Acq: 11 Jan 2022 12:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1573
 Ion Ratio Lower Upper
 75 100
 77 40.6 23.0 42.8



#60
 1,2,3-Trichloropropane
 Concen: 5.473 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046723.D
 Acq: 11 Jan 2022 12:49

Tgt Ion: 75 Resp: 8900
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.2 39.2
 110 1.4 32.5 48.7#

