

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046724.D
 Acq On : 11 Jan 2022 13:12
 Operator : SY/MD
 Sample : N1074-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 12 04:50:56 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)

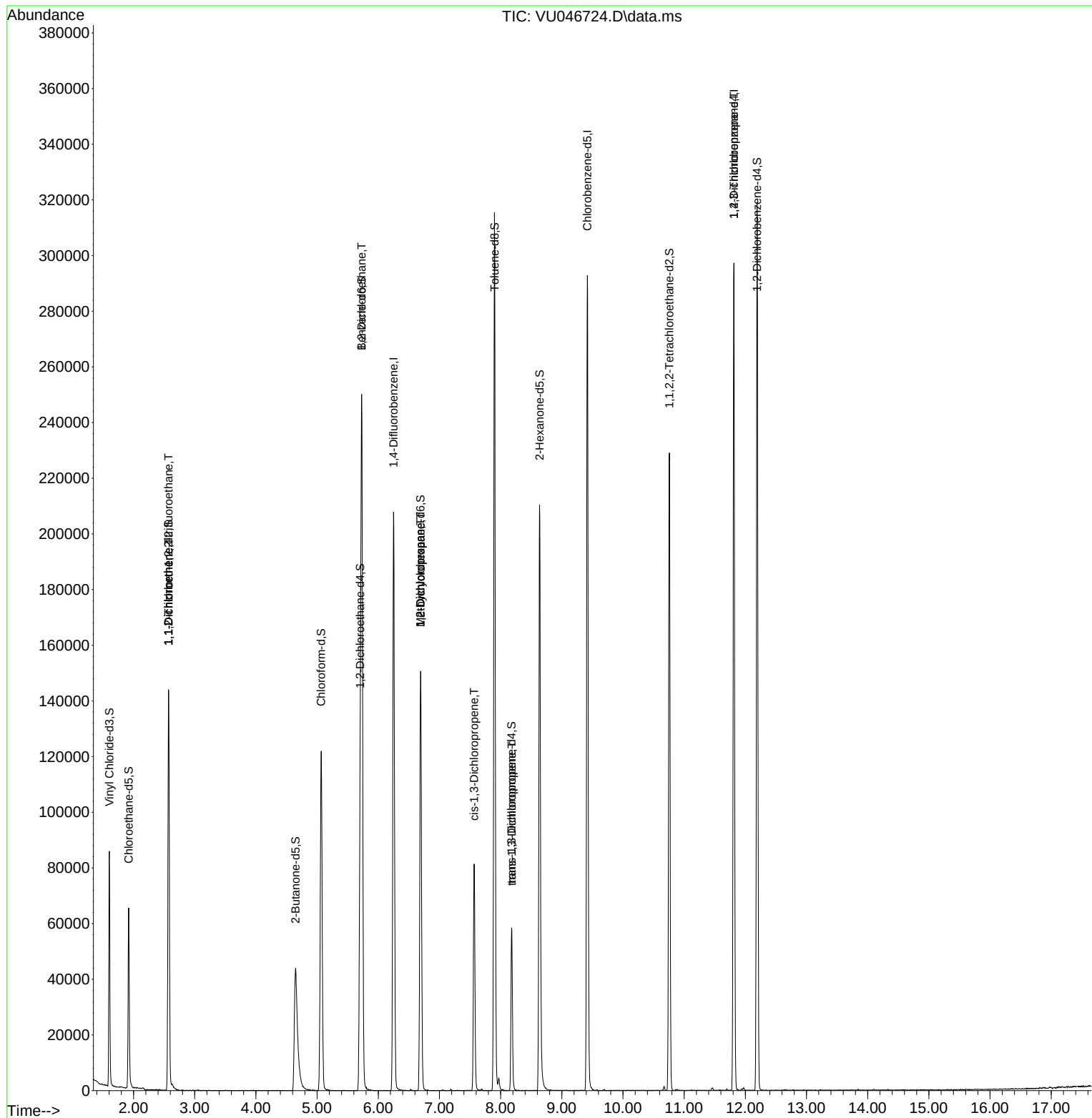
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	170826	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	170511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	79368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63622	42.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.360%		
7) Chloroethane-d5	1.919	69	51209	46.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.480%		
11) 1,1-Dichloroethene-d2	2.572	63	86099	33.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.920%		
21) 2-Butanone-d5	4.649	46	102471	93.923	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.920%		
24) Chloroform-d	5.067	84	117100	44.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.120%		
26) 1,2-Dichloroethane-d4	5.703	65	75770	45.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.920%		
32) Benzene-d6	5.729	84	235879	44.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.660%		
36) 1,2-Dichloropropane-d6	6.691	67	70858	43.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.280%		
41) Toluene-d8	7.900	98	209587	44.058	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.120%		
43) trans-1,3-Dichloroprop...	8.179	79	34625	44.266	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.540%		
47) 2-Hexanone-d5	8.636	63	81532	94.525	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.520%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	112449	44.719	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.440%		
66) 1,2-Dichlorobenzene-d4	12.192	152	84715	51.583	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	760	0.632	ug/L #	20
12) 1,1-Dichloroethene	2.572	96	575	0.508	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1217	0.672	ug/L #	74
35) Methylcyclohexane	6.691	83	18360	8.887	ug/L #	20
37) 1,2-Dichloropropane	6.691	63	7794	6.006	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1966	0.984	ug/L #	62
44) trans-1,3-Dichloropropene	8.182	75	1583	0.817	ug/L	97
60) 1,2,3-Trichloropropane	11.813	75	9056	5.422	ug/L #	65

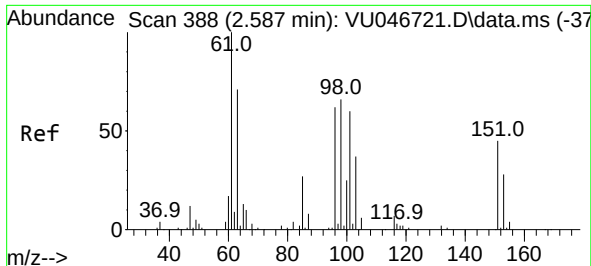
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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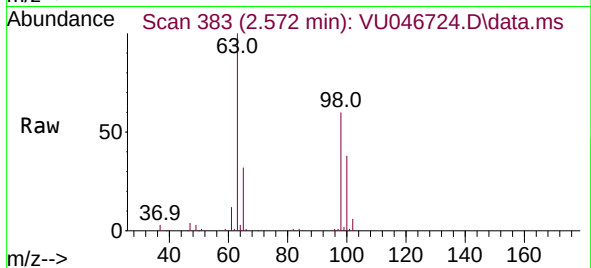
Quant Time: Jan 12 04:50:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 12 04:49:52 2022
Response via : Initial Calibration



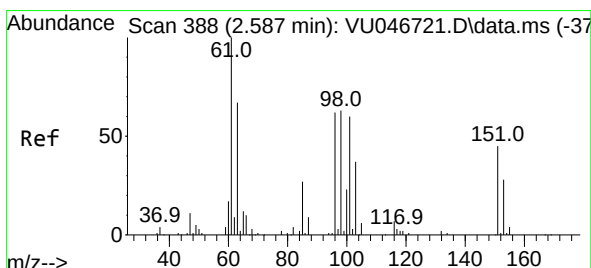
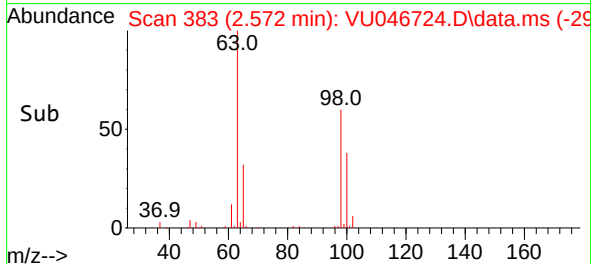
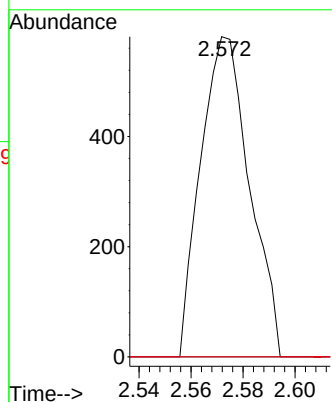


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.632 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046724.D
 Acq: 11 Jan 2022 13:12

Instrument :
 MSVOA_U
 ClientSampleId :

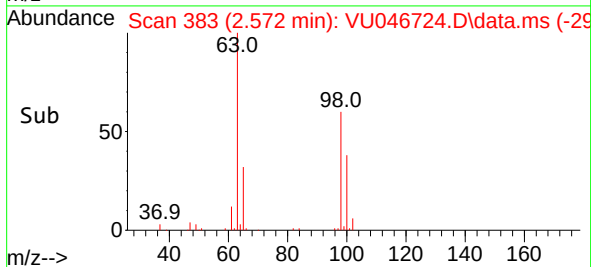
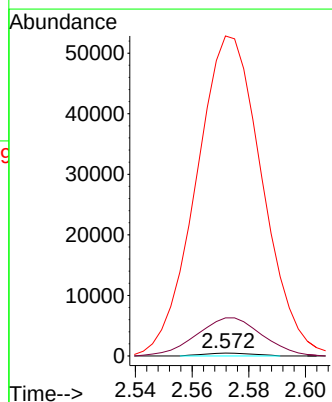
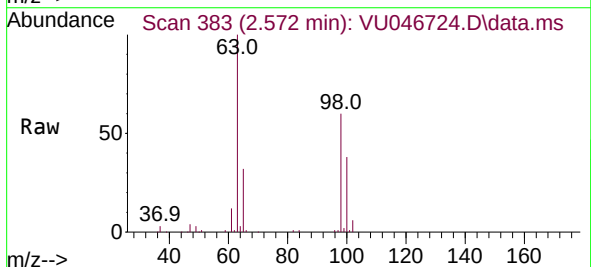


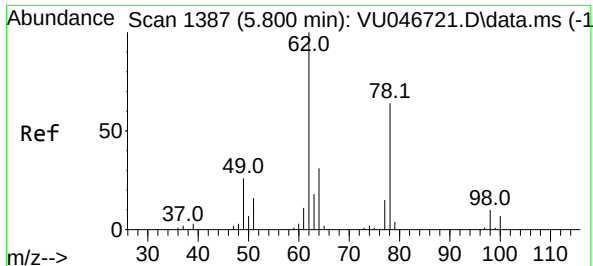
Tgt Ion:101 Resp: 760
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.508 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046724.D
 Acq: 11 Jan 2022 13:12

Tgt Ion: 96 Resp: 575
 Ion Ratio Lower Upper
 96 100
 61 1334.6 114.9 213.3#
 63 11218.7 86.0 159.8#





#27

1,2-Dichloroethane

Concen: 0.672 ug/L

RT: 5.729 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU046724.D

Acq: 11 Jan 2022 13:12

Instrument :

MSVOA_U

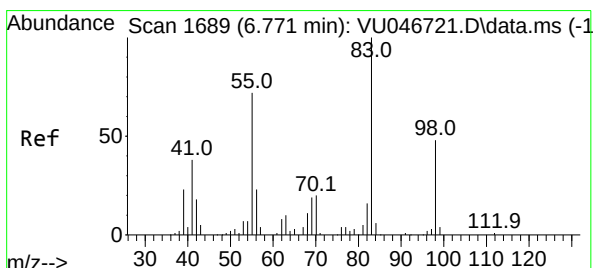
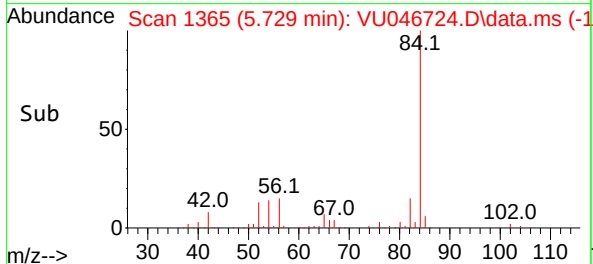
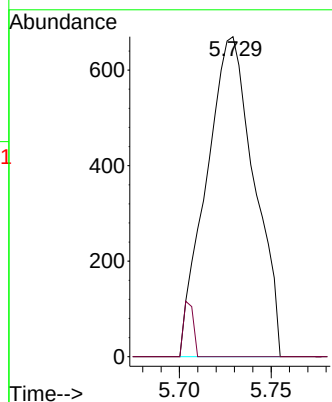
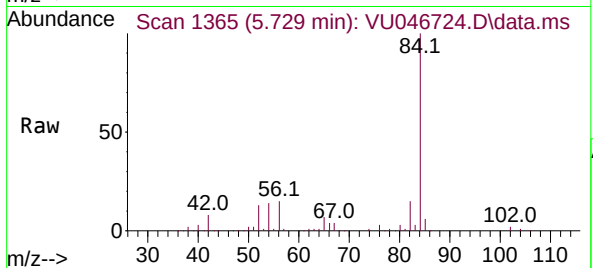
ClientSampleId :

Tgt Ion: 62 Resp: 1217

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#35

Methylcyclohexane

Concen: 8.887 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.080 min

Lab File: VU046724.D

Acq: 11 Jan 2022 13:12

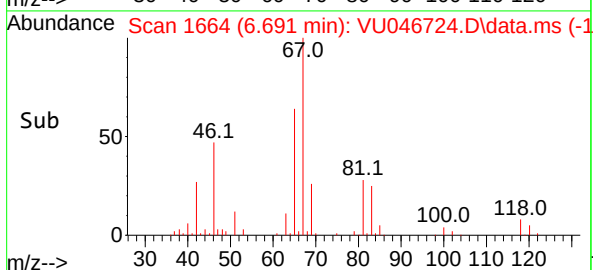
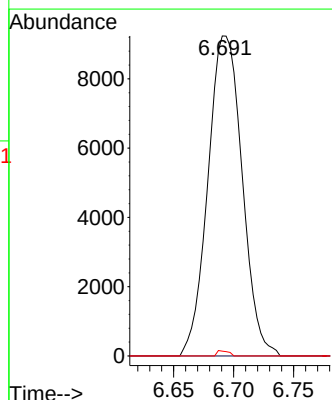
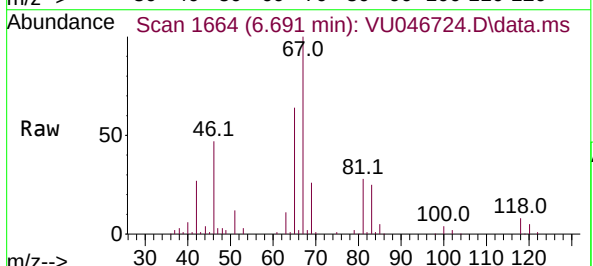
Tgt Ion: 83 Resp: 18360

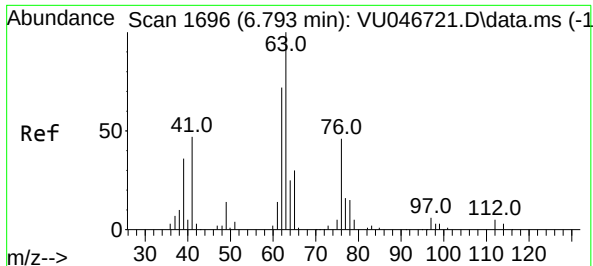
Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.006 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046724.D

Acq: 11 Jan 2022 13:12

Instrument :

MSVOA_U

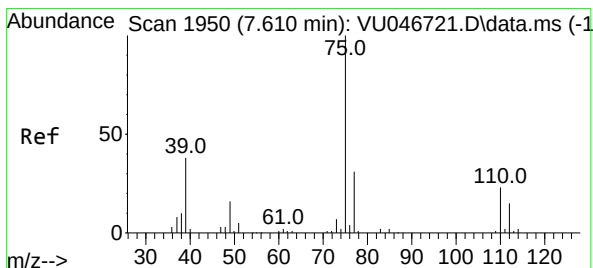
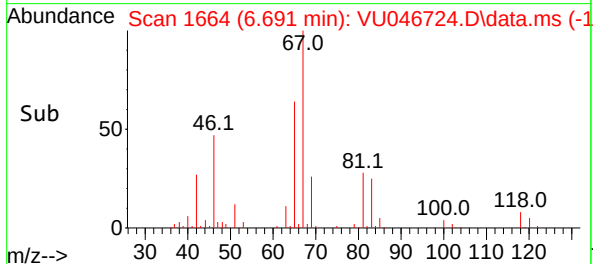
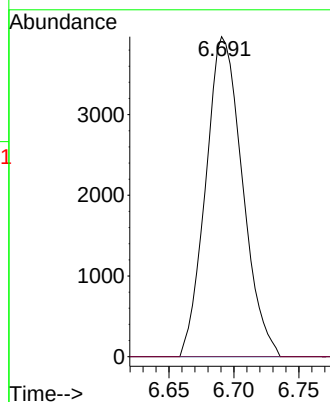
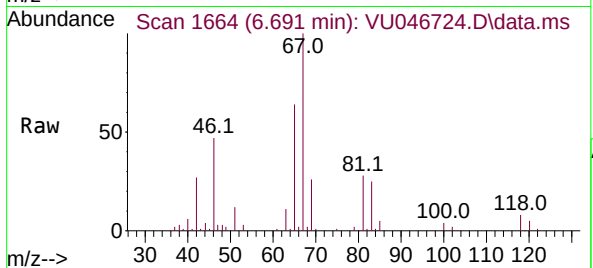
ClientSampleId :

Tgt Ion: 63 Resp: 7794

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046724.D

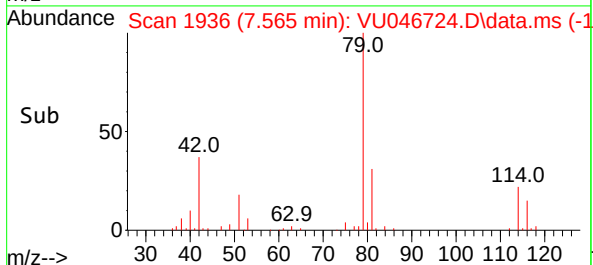
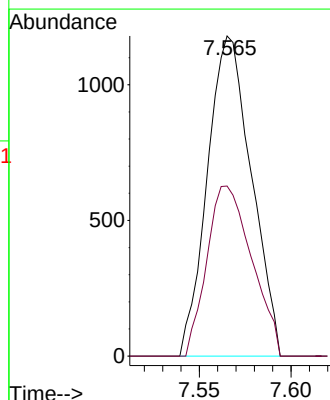
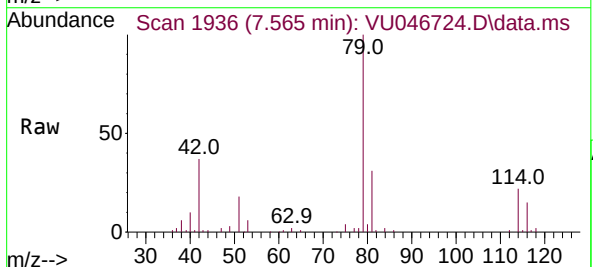
Acq: 11 Jan 2022 13:12

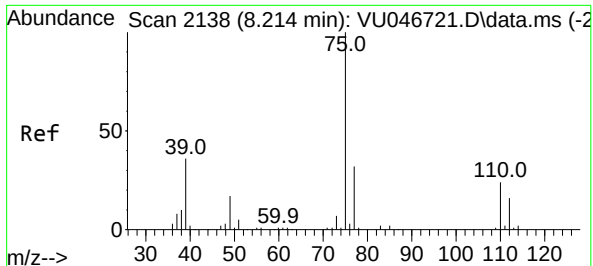
Tgt Ion: 75 Resp: 1966

Ion Ratio Lower Upper

75 100

77 53.1 22.3 41.3#

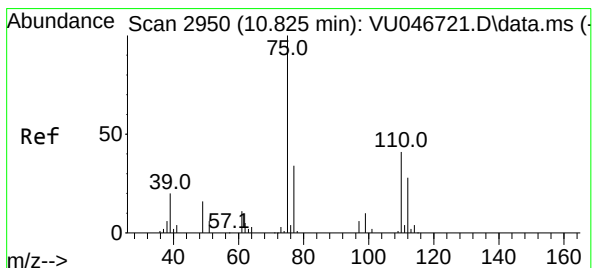
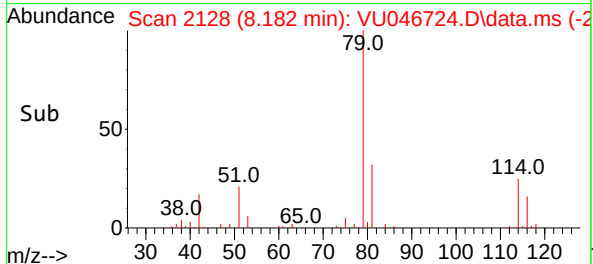
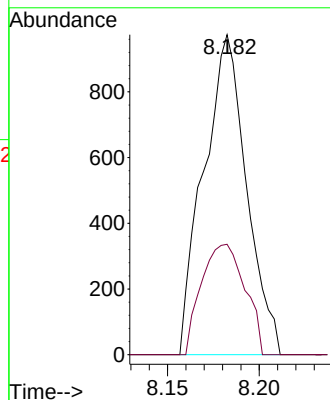
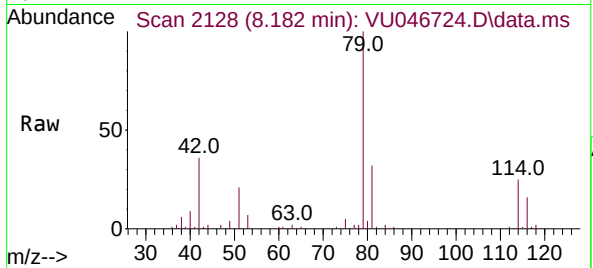




#44
 trans-1,3-Dichloropropene
 Concen: 0.817 ug/L
 RT: 8.182 min Scan# 2138
 Delta R.T. -0.032 min
 Lab File: VU046724.D
 Acq: 11 Jan 2022 13:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1583
 Ion Ratio Lower Upper
 75 100
 77 34.5 23.0 42.8



#60
 1,2,3-Trichloropropane
 Concen: 5.422 ug/L
 RT: 11.813 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046724.D
 Acq: 11 Jan 2022 13:12

Tgt Ion: 75 Resp: 9056
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.2
 110 1.7 32.5 48.7#

