

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010722\
 Data File : VU046695.D
 Acq On : 07 Jan 2022 13:46
 Operator : SY/MD
 Sample : VU0107WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK057

Quant Time: Jan 07 23:27:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

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

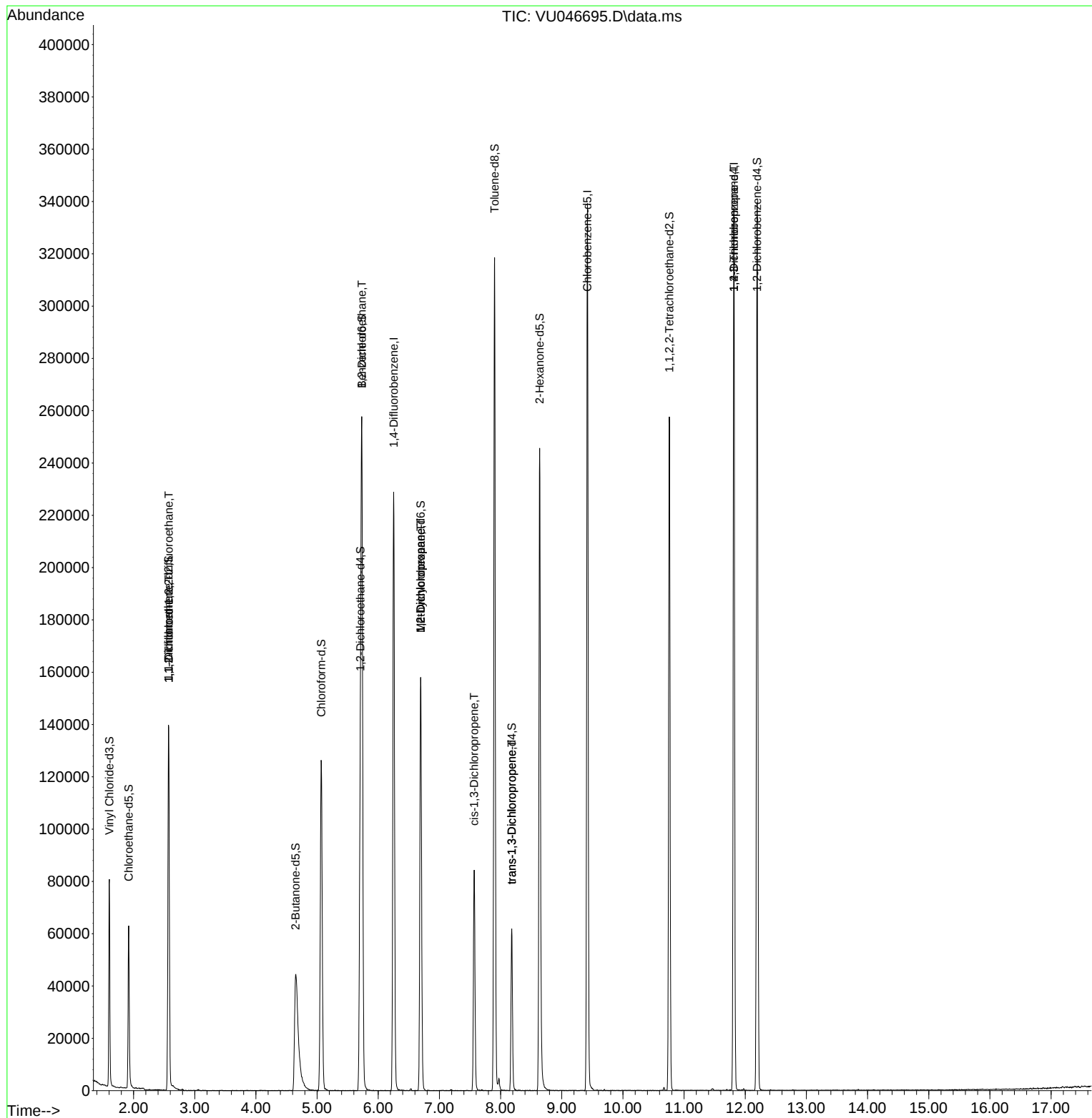
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	189849	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	189854	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	89536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59477	35.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.800%		
7) Chloroethane-d5	1.919	69	49350	40.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.200%		
11) 1,1-Dichloroethene-d2	2.571	63	84683	30.054	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.100%		
21) 2-Butanone-d5	4.649	46	113068	93.252	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.250%		
24) Chloroform-d	5.070	84	121580	41.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.260%		
26) 1,2-Dichloroethane-d4	5.706	65	82210	44.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.780%		
32) Benzene-d6	5.732	84	238856	40.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.620%		
36) 1,2-Dichloropropane-d6	6.693	67	75607	41.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.640%		
41) Toluene-d8	7.902	98	212331	40.087	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.180%		
43) trans-1,3-Dichloroprop...	8.182	79	36724	42.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.340%		
47) 2-Hexanone-d5	8.639	63	96117	100.081	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.080%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126716	45.258	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.520%		
66) 1,2-Dichlorobenzene-d4	12.195	152	89081	48.081	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	733	0.549	ug/L #	20
12) 1,1-Dichloroethene	2.575	96	628	0.499	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1265	0.629	ug/L #	74
35) Methylcyclohexane	6.693	83	18518	8.051	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	8425	5.830	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2304	1.036	ug/L #	59
44) trans-1,3-Dichloropropene	8.182	75	1597	0.740	ug/L	95
60) 1,2,3-Trichloropropane	11.815	75	10383	5.511	ug/L #	65

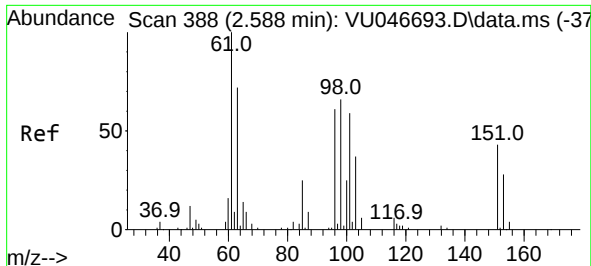
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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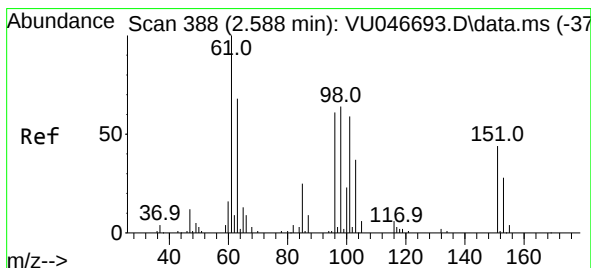
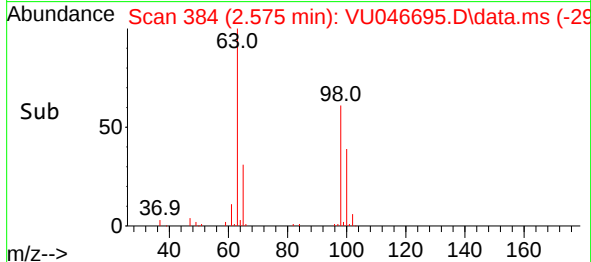
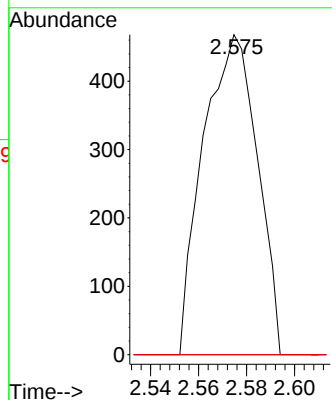
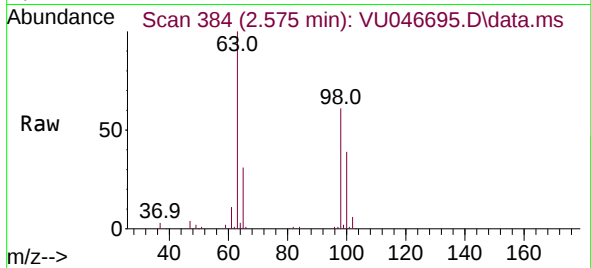




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.549 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046695.D
 Acq: 07 Jan 2022 13:46

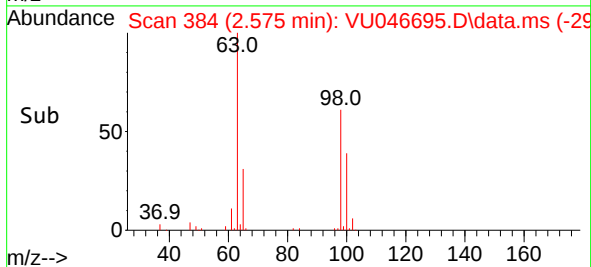
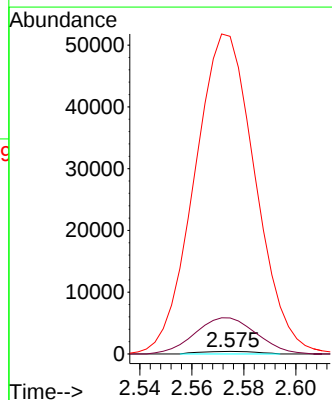
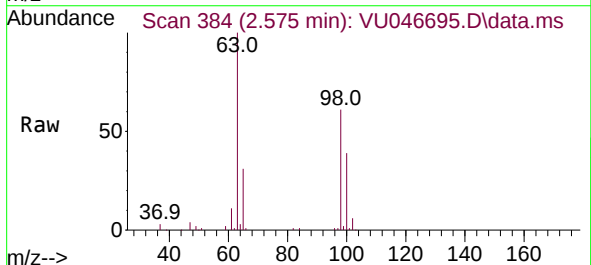
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK057

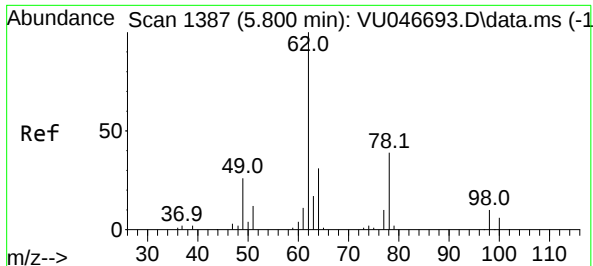
Tgt Ion:101 Resp: 733
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.499 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046695.D
 Acq: 07 Jan 2022 13:46

Tgt Ion: 96 Resp: 628
 Ion Ratio Lower Upper
 96 100
 61 1413.6 114.9 213.3#
 63 12483.5 86.0 159.8#





#27

1,2-Dichloroethane

Concen: 0.629 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU046695.D

Acq: 07 Jan 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

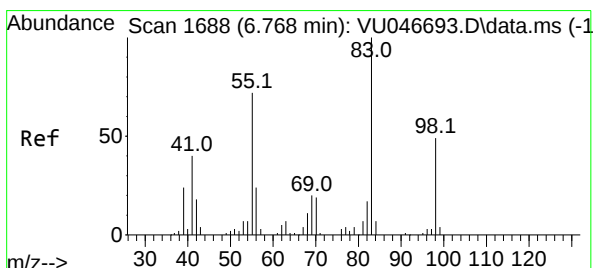
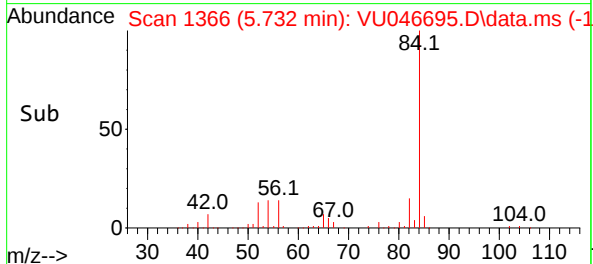
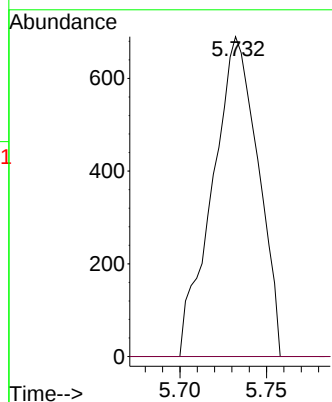
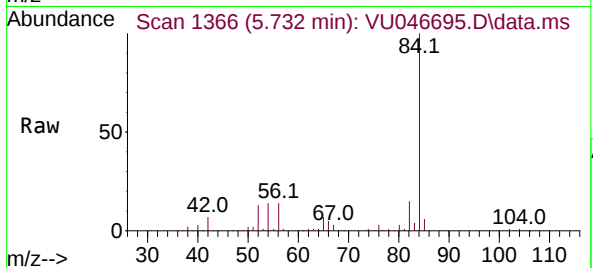
VBLK057

Tgt Ion: 62 Resp: 1265

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#35

Methylcyclohexane

Concen: 8.051 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046695.D

Acq: 07 Jan 2022 13:46

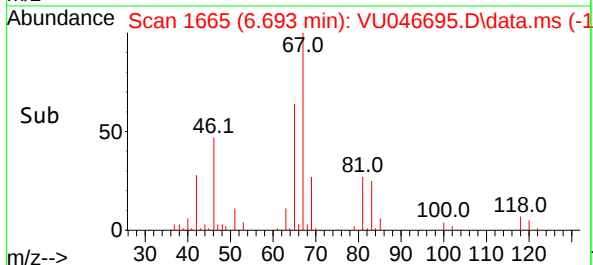
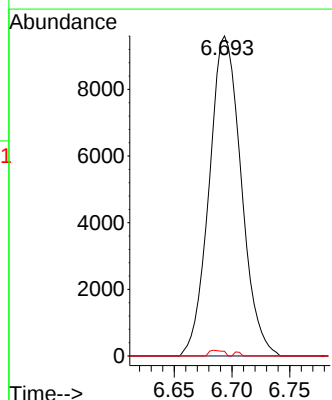
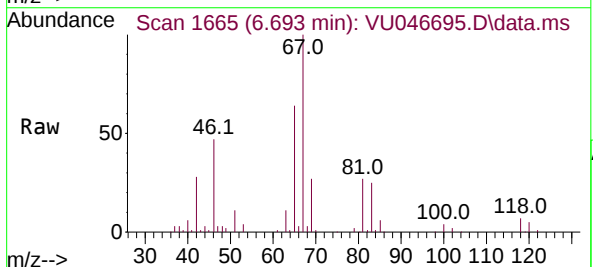
Tgt Ion: 83 Resp: 18518

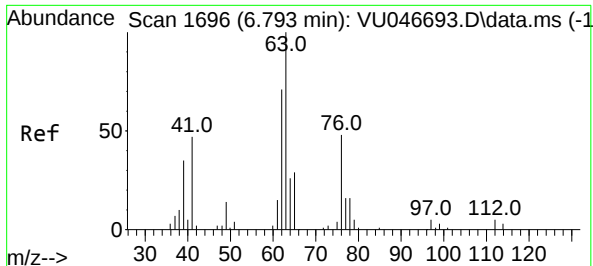
Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.830 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046695.D

Acq: 07 Jan 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

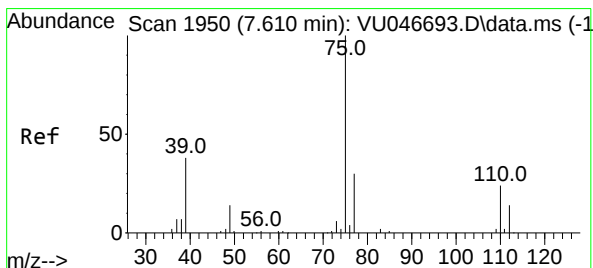
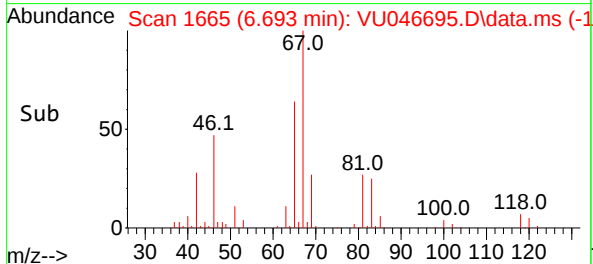
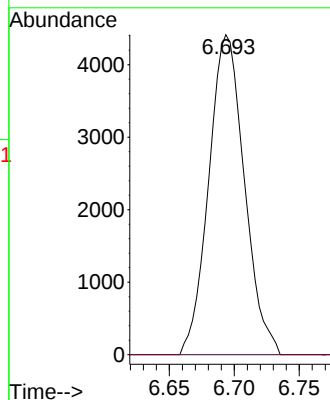
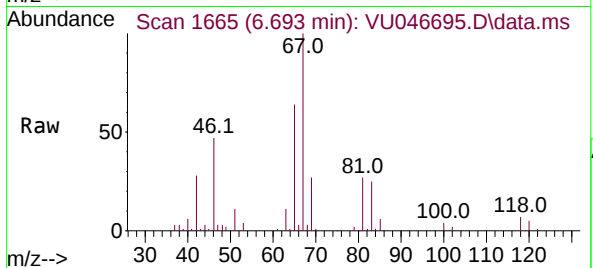
VBLK057

Tgt Ion: 63 Resp: 8425

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.036 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046695.D

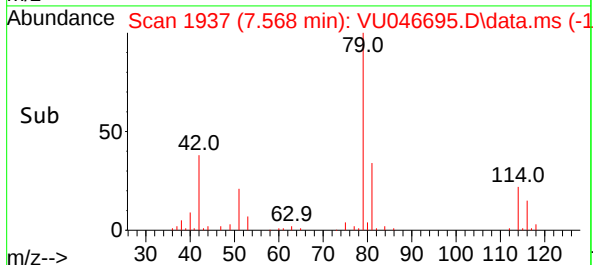
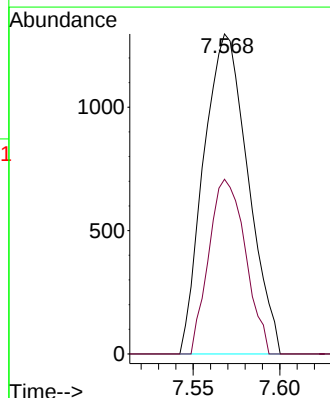
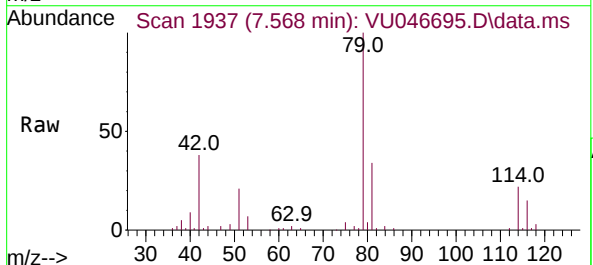
Acq: 07 Jan 2022 13:46

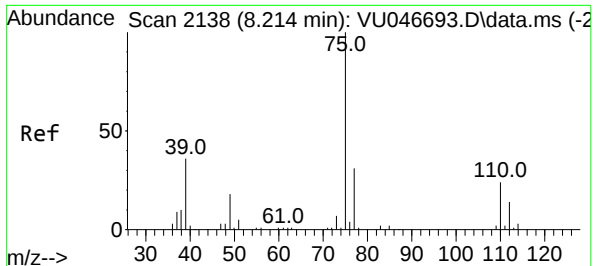
Tgt Ion: 75 Resp: 2304

Ion Ratio Lower Upper

75 100

77 54.6 22.3 41.3#

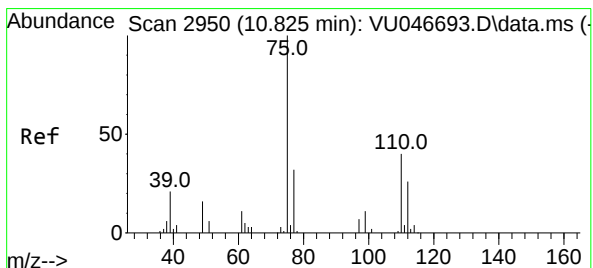
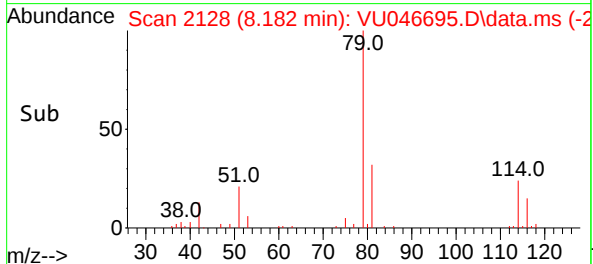
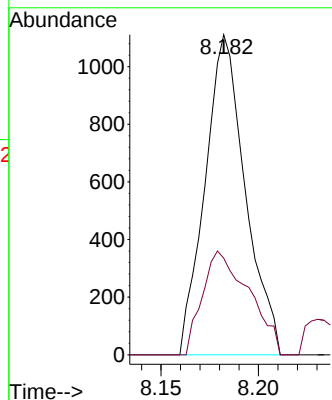
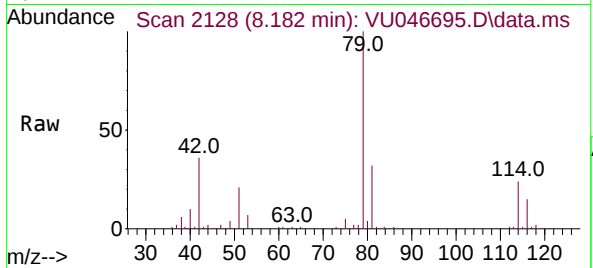




#44
trans-1,3-Dichloropropene
Concen: 0.740 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046695.D
Acq: 07 Jan 2022 13:46

Instrument :
MSVOA_U
ClientSampleId :
VBLK057

Tgt Ion: 75 Resp: 1597
Ion Ratio Lower Upper
75 100
77 30.2 23.0 42.8



#60
1,2,3-Trichloropropane
Concen: 5.511 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU046695.D
Acq: 07 Jan 2022 13:46

Tgt Ion: 75 Resp: 10383
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 1.5 32.5 48.7#

