

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037579.D
 Acq On : 03 Apr 2020 20:10
 Operator : JC/MD
 Sample : L2158-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F05

Quant Time: Apr 04 05:26:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	168894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	156598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74860	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60570	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.32%
7) Chloroethane-d5	1.93	69	47495	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	81412	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.66	46	104636	101.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.49%
24) Chloroform-d	5.10	84	102969	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	5.74	65	69615	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.76	84	215063	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	72659	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.92	98	195343	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	36319	43.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.60%
47) 2-Hexanone-d5	8.65	63	79686	98.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.47%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104325	47.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.56%
64) 1,2-Dichlorobenzene-d4	12.20	152	69908	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%

Target Compounds

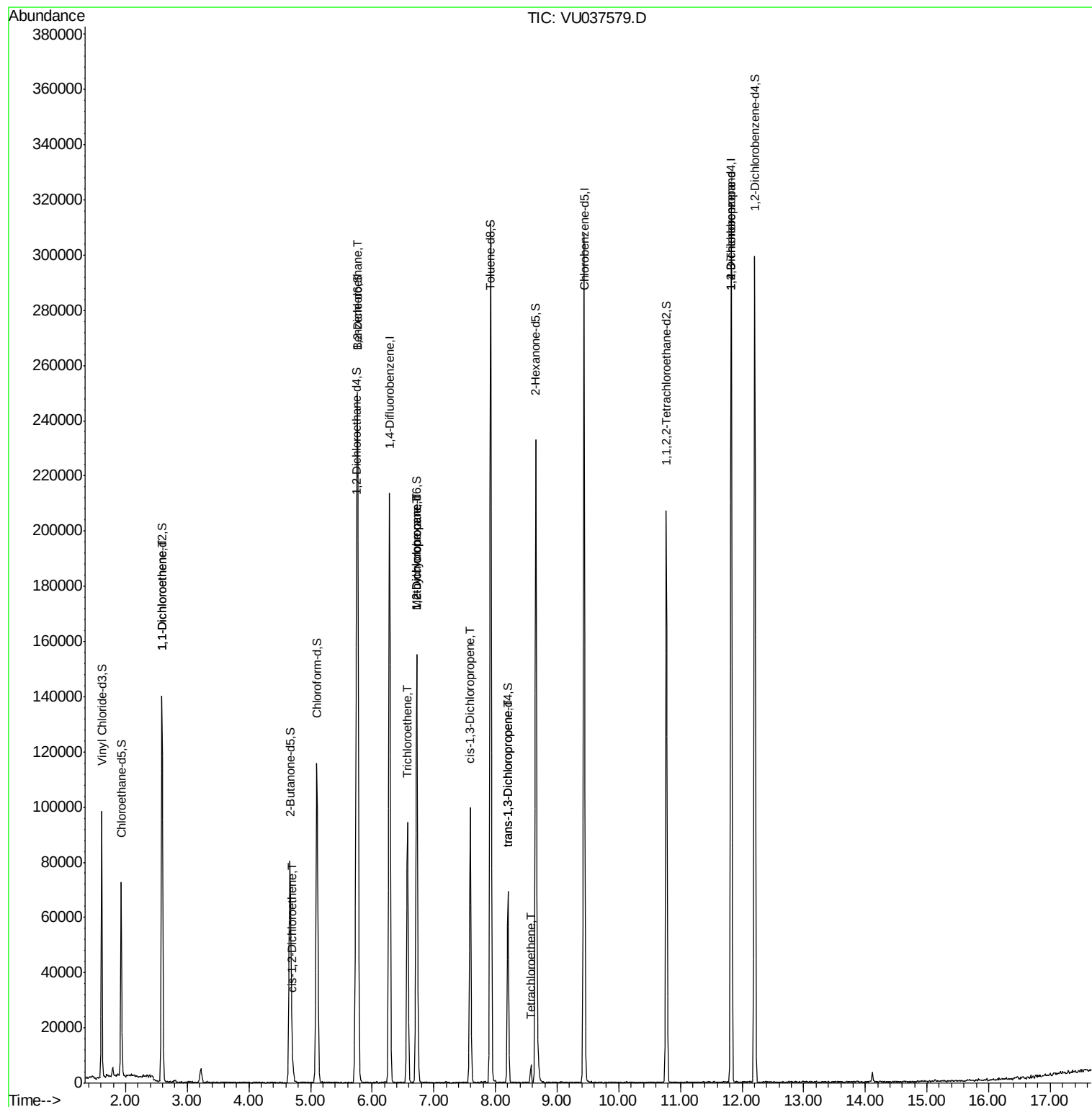
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	899	0.995	ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	2127	1.899	ug/L	95
27) 1,2-Dichloroethane	5.76	62	1232	0.803	ug/L #	75
34) Trichloroethene	6.57	95	32069	29.890	ug/L	94
35) Methylcyclohexane	6.72	83	16048	9.681	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	8153	6.974	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2394	1.311	ug/L #	62
44) trans-1,3-Dichloropropene	8.20	75	1837	1.022	ug/L #	73
46) Tetrachloroethene	8.57	164	1087	1.509	ug/L	90
59) 1,2,3-Trichloropropane	11.83	75	11313	7.527	ug/L	95

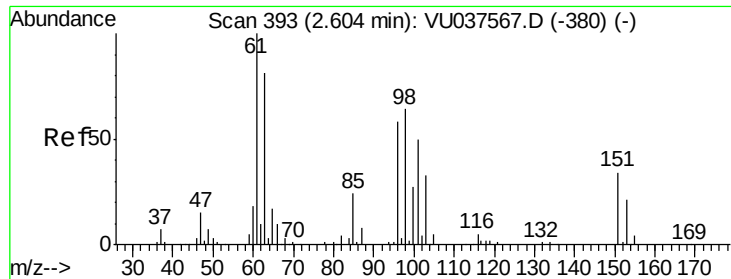
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040320\
Data File : VU037579.D
Acq On : 03 Apr 2020 20:10
Operator : JC/MD
Sample : L2158-07 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0F05

Quant Time: Apr 04 05:26:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.995 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037579.D

Acq: 03 Apr 2020 20:10

Instrument :

MSVOA_U

ClientSampled :

C0F05

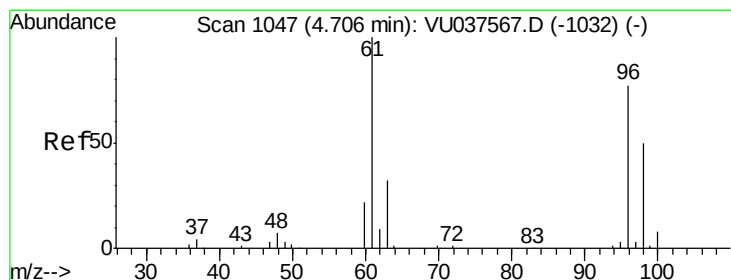
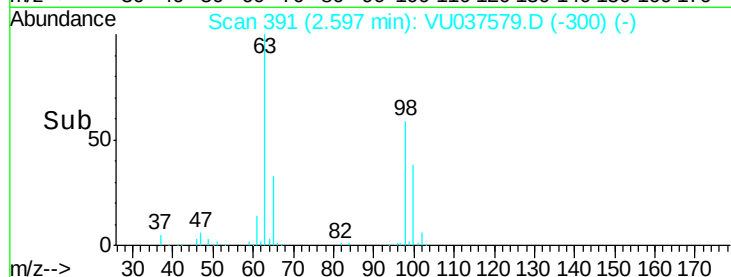
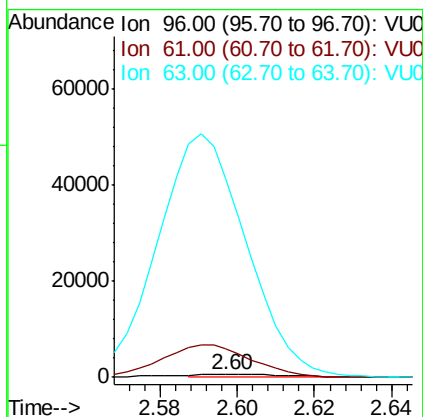
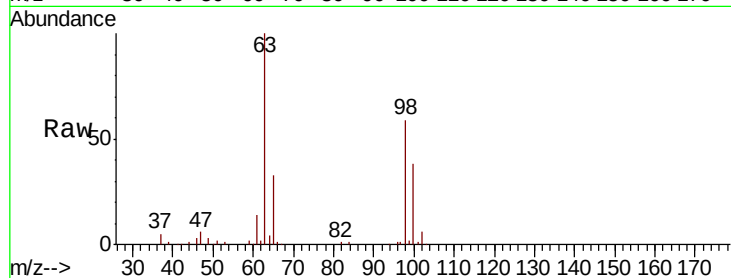
Tot Ion: 96 Resp: 899

Ion Ratio Lower Upper

96 100

61 672.1 117.2 217.8#

63 4684.2 90.9 168.9#



#20

cis-1,2-Dichloroethene

Concen: 1.899 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037579.D

Acq: 03 Apr 2020 20:10

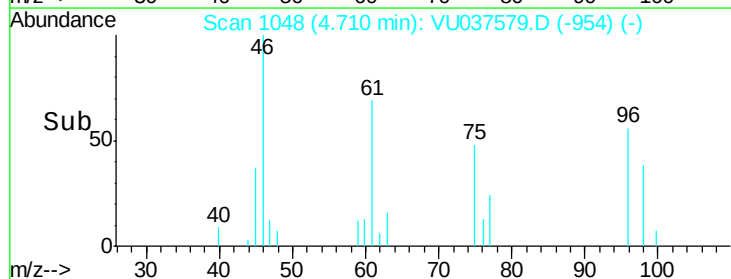
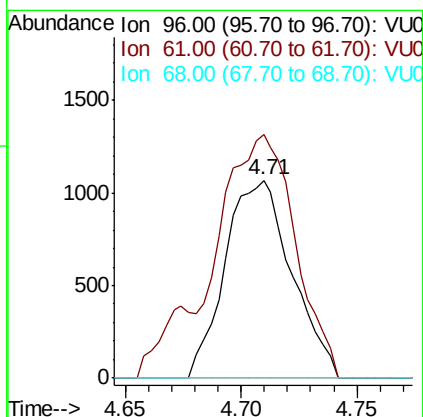
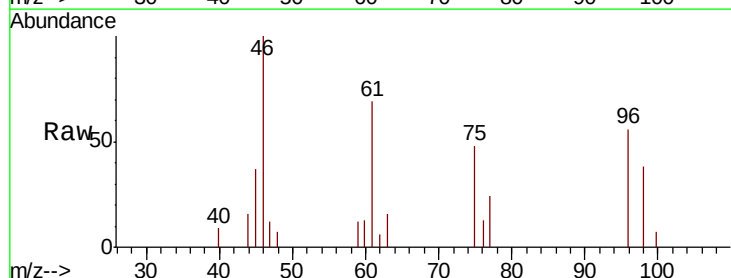
Tgt Ion: 96 Resp: 2127

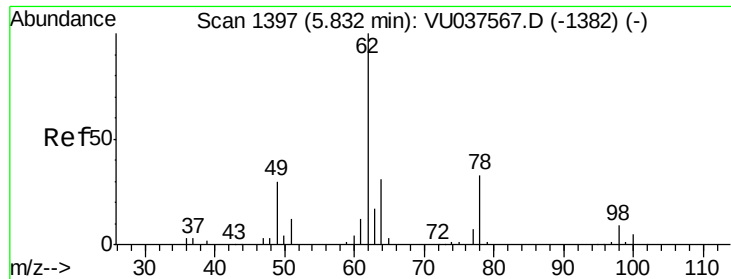
Ion Ratio Lower Upper

96 100

61 123.0 90.2 167.6

68 0.0 0.0 0.0

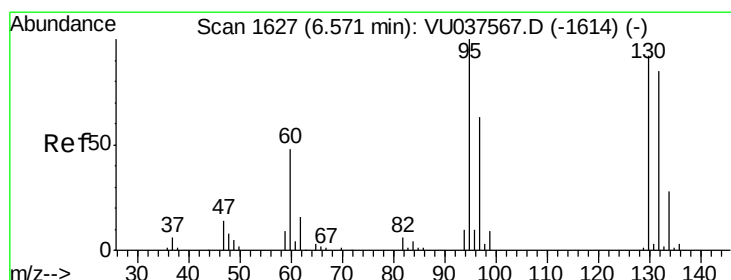
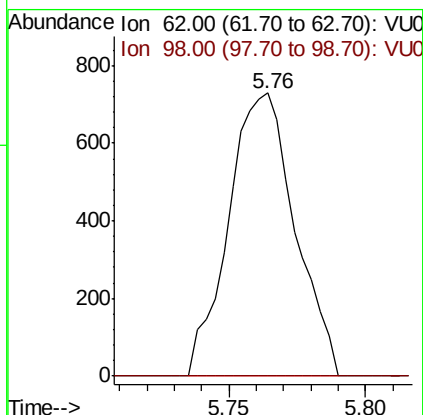
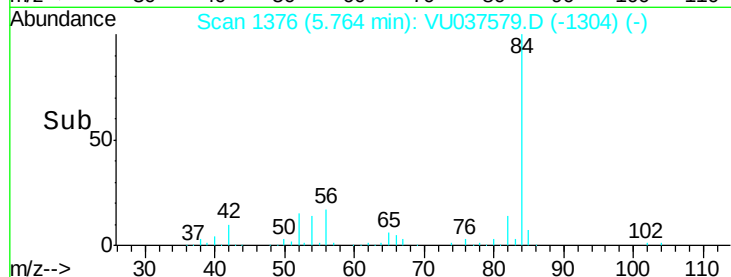
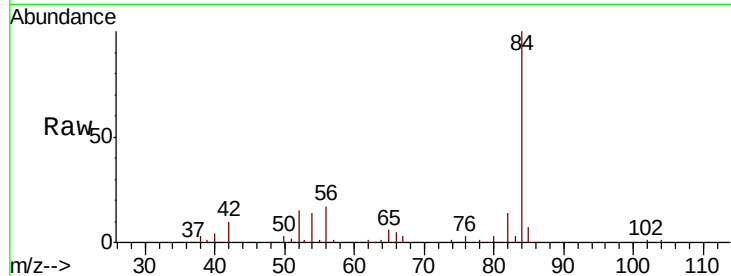




#27
1,2-Dichloroethane
Concen: 0.803 ug/L
RT: 5.76 min Scan# 1376
Delta R.T. -0.07 min
Lab File: VU037579.D
Acq: 03 Apr 2020 20:10

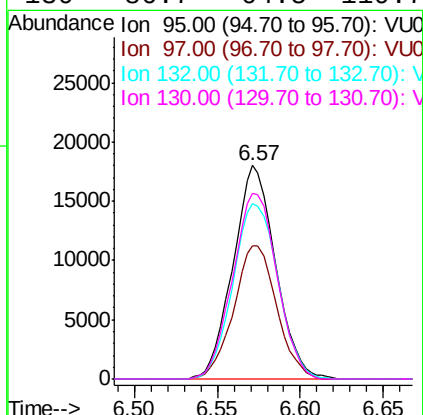
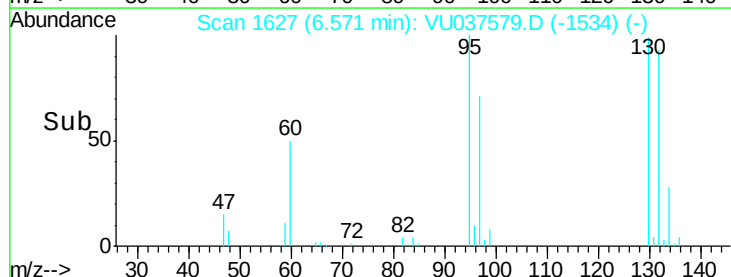
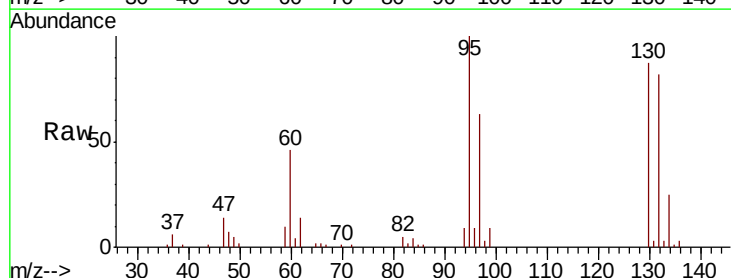
Instrument :
MSVOA_U
ClientSampleId :
C0F05

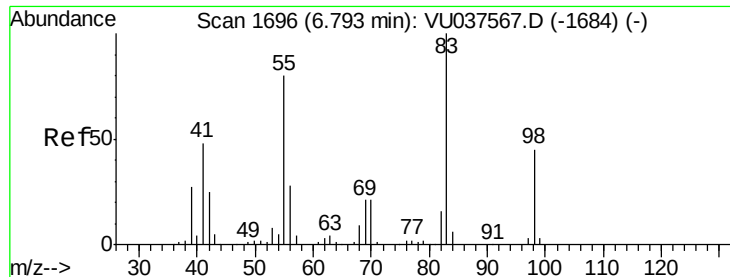
Tot Ion: 62 Resp: 1232
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 29.890 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037579.D
Acq: 03 Apr 2020 20:10

Tgt Ion: 95 Resp: 32069
Ion Ratio Lower Upper
95 100
97 62.5 45.2 84.0
132 81.9 63.7 118.3
130 86.7 64.5 119.7

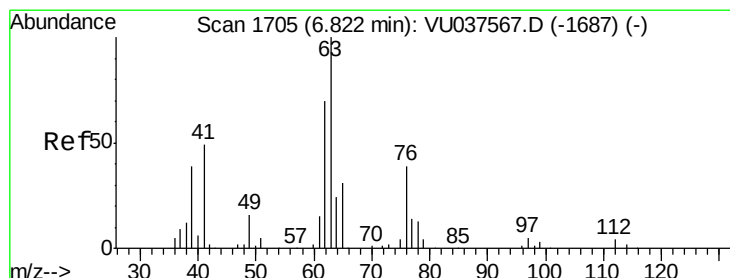
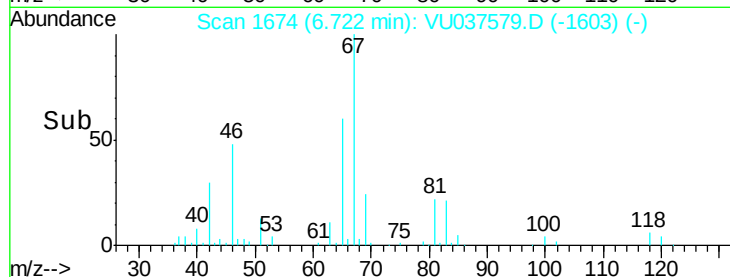
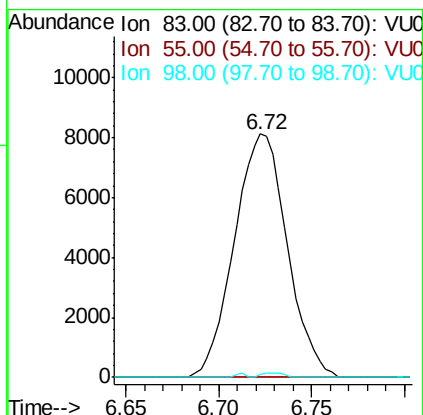
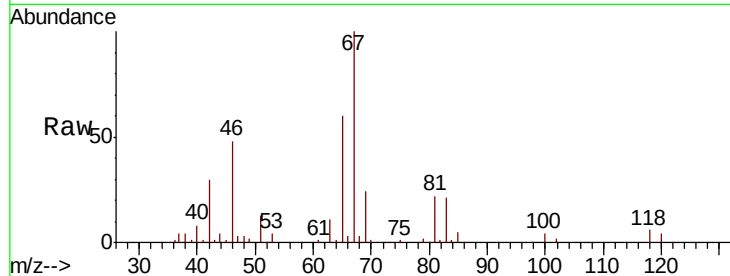




#35
Methylvlcyclohexane
Concen: 9.681 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037579.D
Acq: 03 Apr 2020 20:10

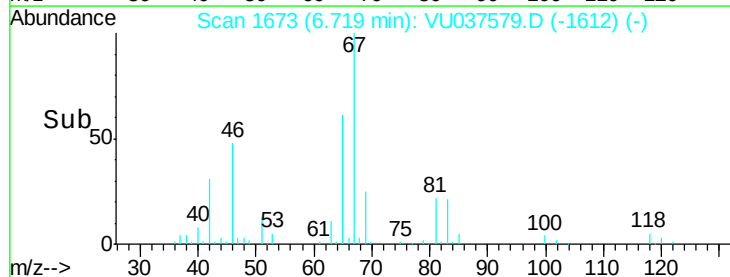
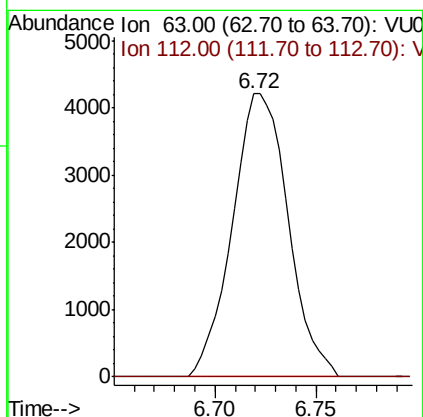
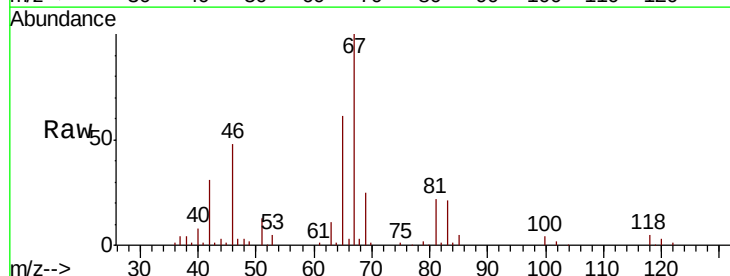
Instrument :
MSVOA_U
ClientSampleId :
C0F05

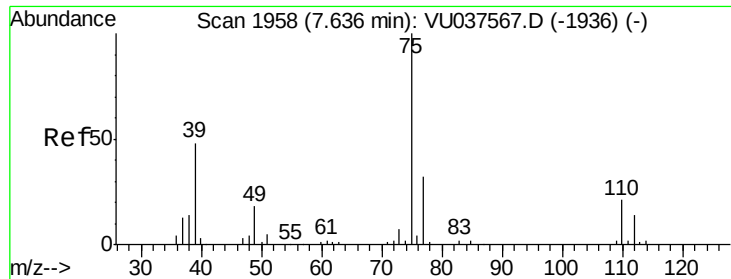
Tot Ion: 83 Resp: 16048
Ion Ratio Lower Upper
83 100
55 0.0 61.1 91.7#
98 0.6 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 6.974 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037579.D
Acq: 03 Apr 2020 20:10

Tgt Ion: 63 Resp: 8153
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

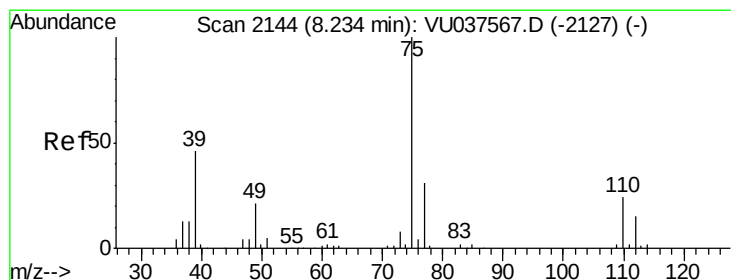
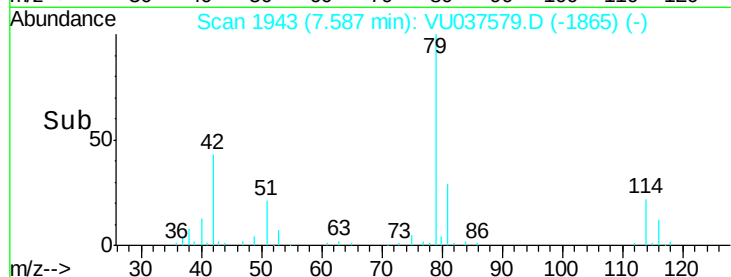
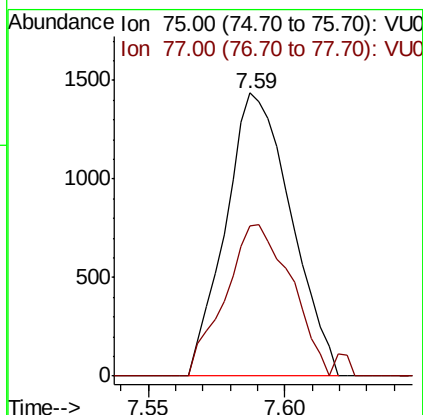
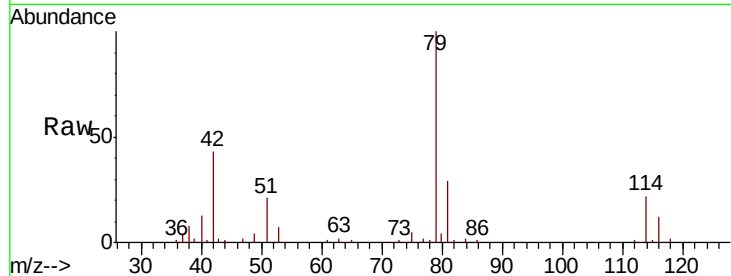




#39
 cis-1,3-Dichloropropene
 Concen: 1.311 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037579.D
 Acq: 03 Apr 2020 20:10

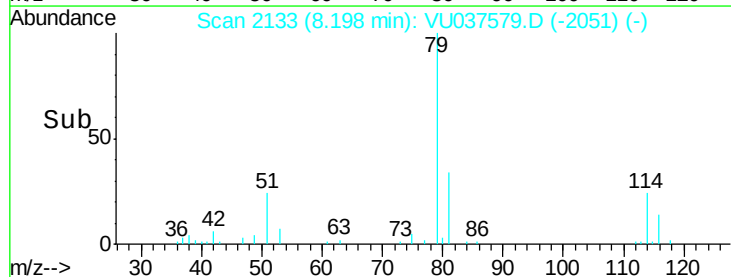
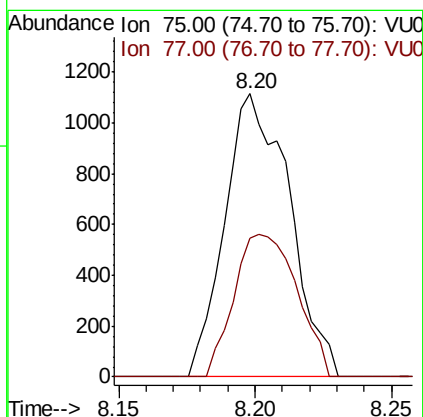
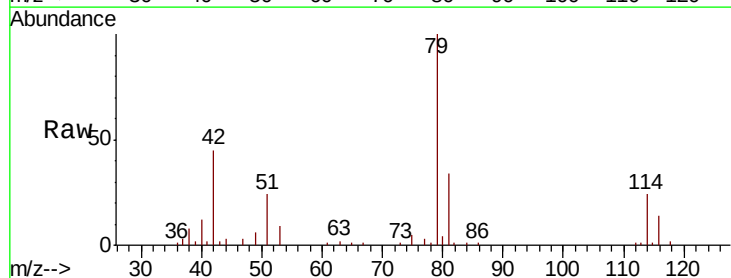
Instrument :
 MSVOA_U
 ClientSampleId :
 C0F05

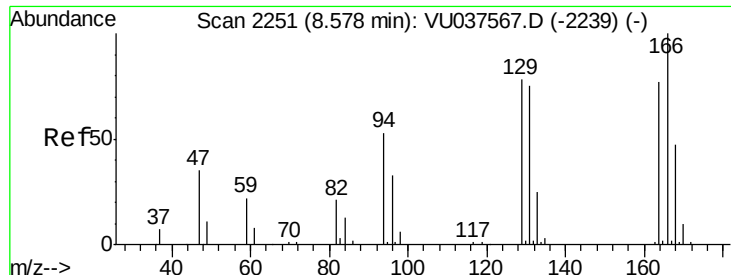
Tot Ion: 75 Resp: 2394
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 1.022 ug/L
 RT: 8.20 min Scan# 2133
 Delta R.T. -0.04 min
 Lab File: VU037579.D
 Acq: 03 Apr 2020 20:10

Tgt Ion: 75 Resp: 1837
 Ion Ratio Lower Upper
 75 100
 77 49.0 23.4 43.6#





#46

Tetrachloroethene

Concen: 1.509 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.01 min

Lab File: VU037579.D

Acq: 03 Apr 2020 20:10

Instrument :

MSVOA_U

ClientSampled :

C0F05

Tot Ion:164 Resp: 1087

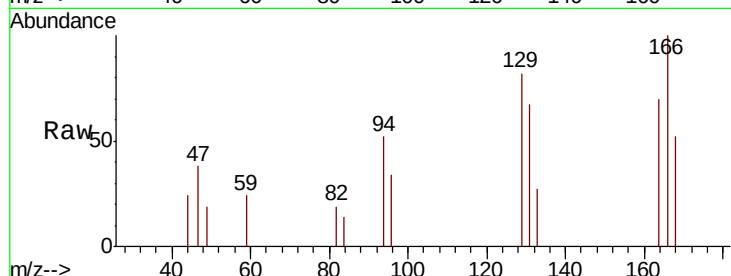
Ion Ratio Lower Upper

164 100

129 117.5 76.5 142.1

131 95.9 71.7 133.1

166 143.4 88.8 165.0

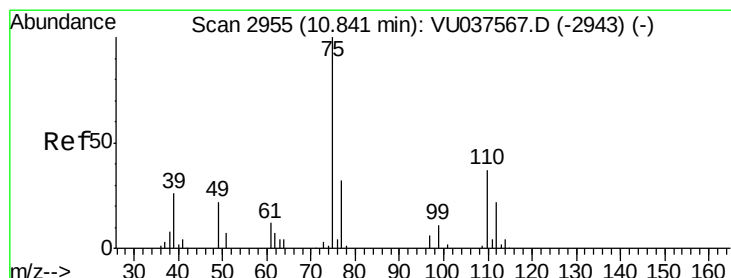
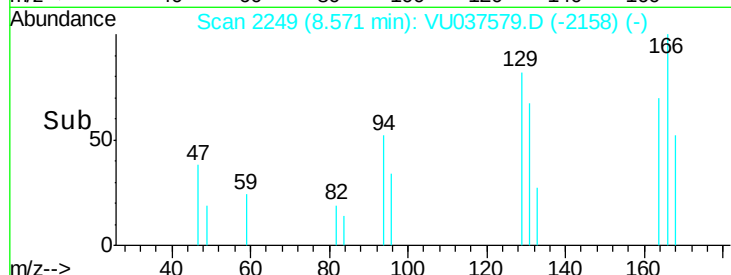
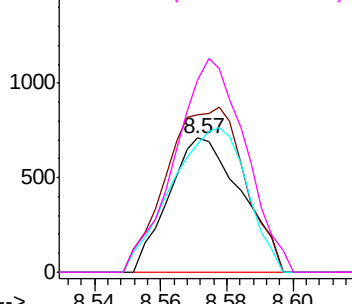


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 7.527 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037579.D

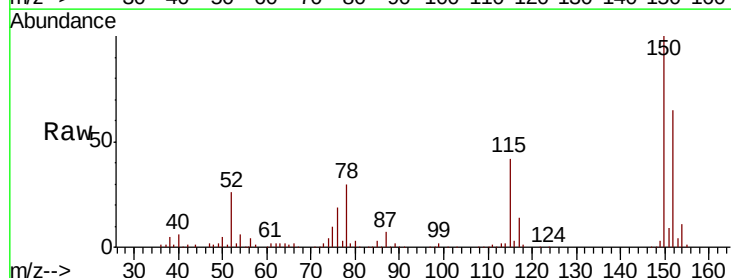
Acq: 03 Apr 2020 20:10

Tgt Ion: 75 Resp: 11313

Ion Ratio Lower Upper

75 100

77 34.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

