

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037571.D
 Acq On : 03 Apr 2020 17:08
 Operator : JC/MD
 Sample : L2158-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F06

Quant Time: Apr 04 05:25:14 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	171954	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	162289	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	75439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	59792	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.62%
7) Chloroethane-d5	1.93	69	47153	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.04%
11) 1,1-Dichloroethene-d2	2.59	63	80081	34.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.22%
21) 2-Butanone-d5	4.67	46	95727	91.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	5.10	84	102054	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
26) 1,2-Dichloroethane-d4	5.74	65	68062	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
32) Benzene-d6	5.76	84	213035	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	70799	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.92	98	195478	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%
43) trans-1,3-Dichloropropene-	8.20	79	36495	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.65	63	72913	86.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101500	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	71314	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%

Target Compounds

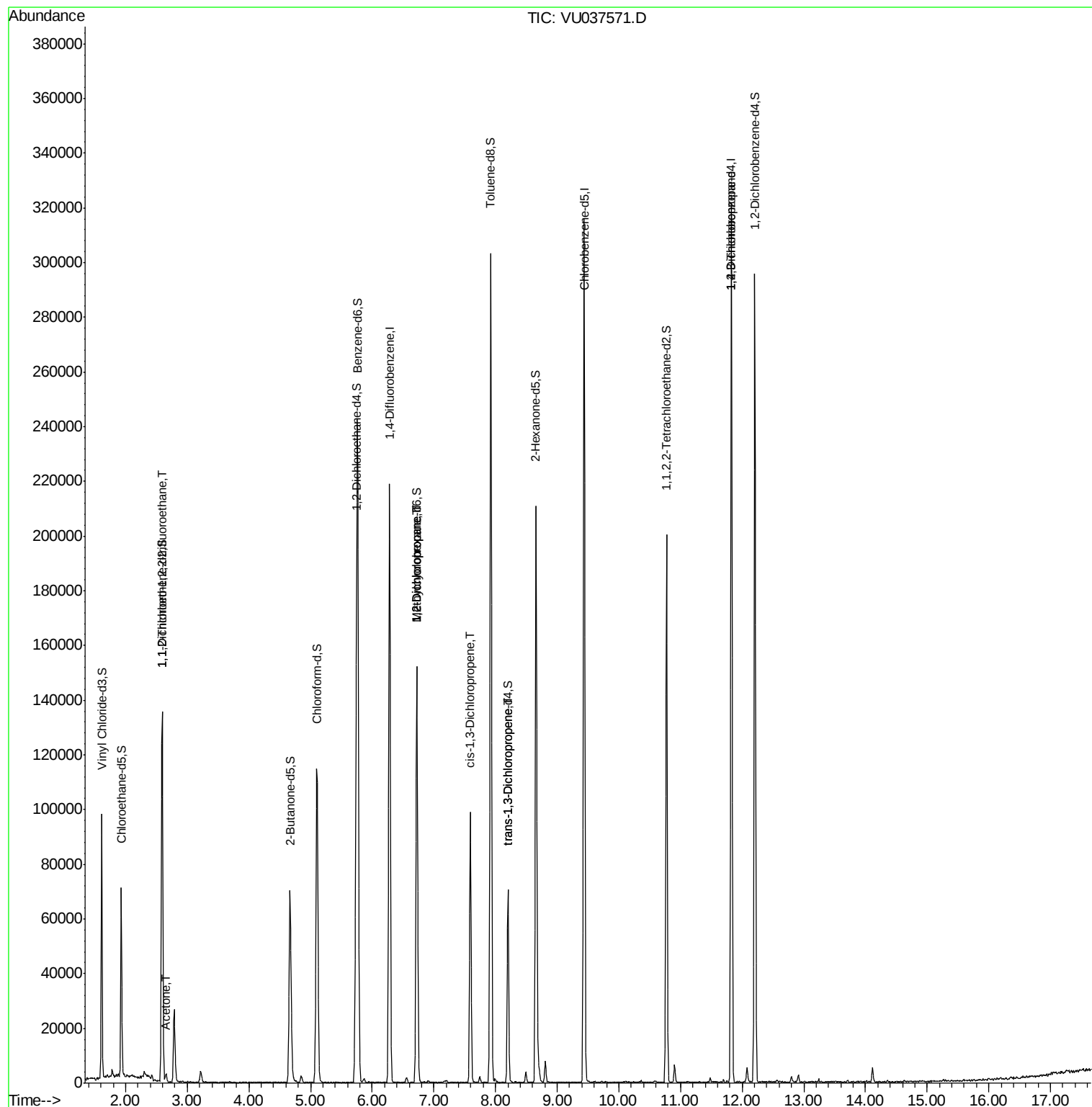
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	725	0.765 ug/L #	22
13) Acetone	2.65	43	3624	5.973 ug/L	93
35) Methylcyclohexane	6.72	83	15621	9.093 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	7738	6.387 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2717	1.436 ug/L	85
44) trans-1,3-Dichloropropene	8.20	75	2118	1.137 ug/L	83
59) 1,2,3-Trichloropropane	11.83	75	11345	7.284 ug/L	96

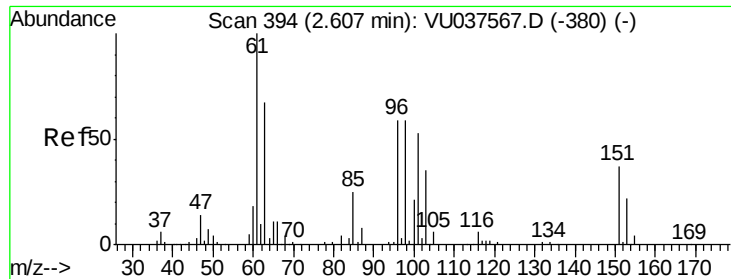
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.765 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037571.D

Acq: 03 Apr 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

C0F06

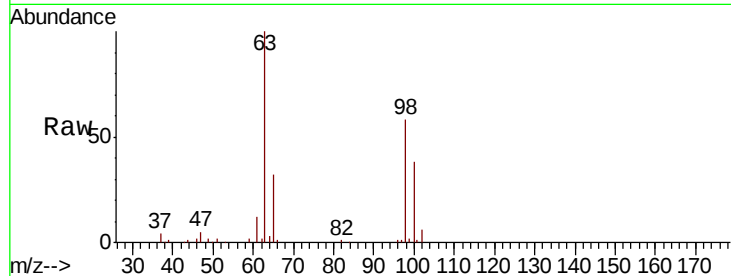
Tot Ion:101 Resp: 725

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

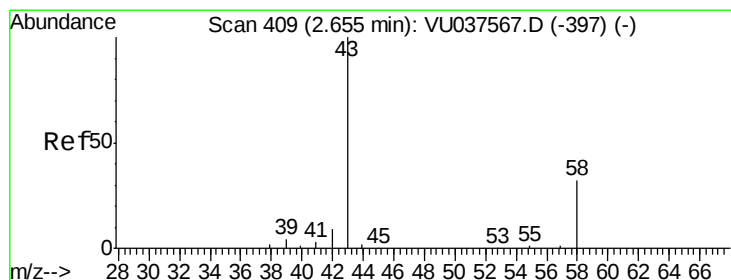
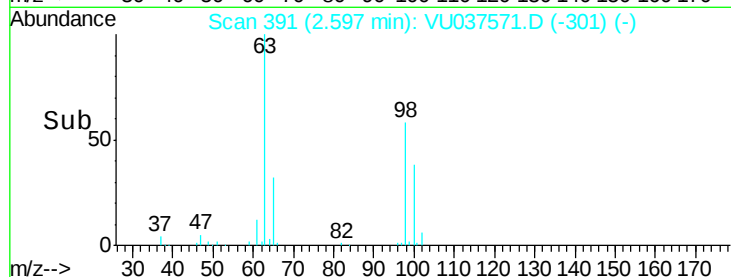
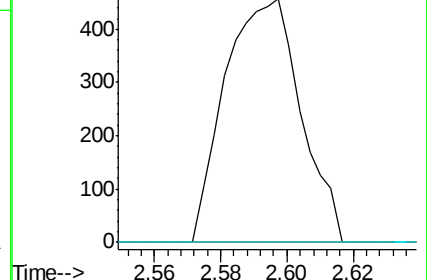
151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.973 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037571.D

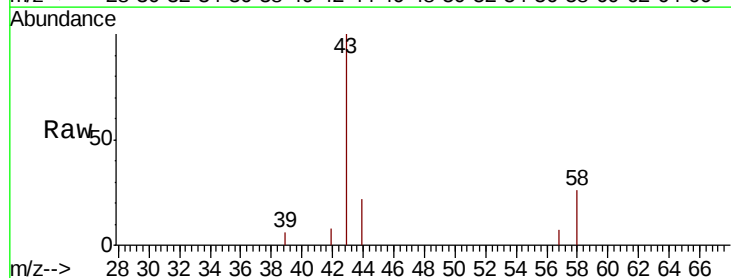
Acq: 03 Apr 2020 17:08

Tgt Ion: 43 Resp: 3624

Ion Ratio Lower Upper

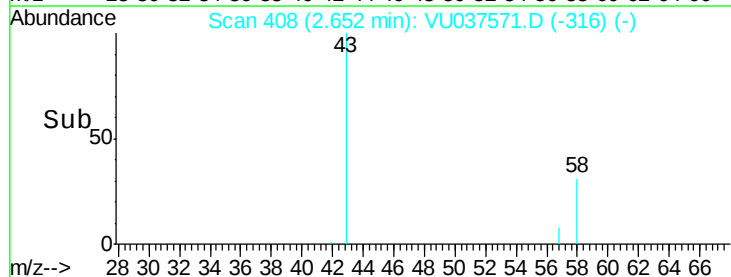
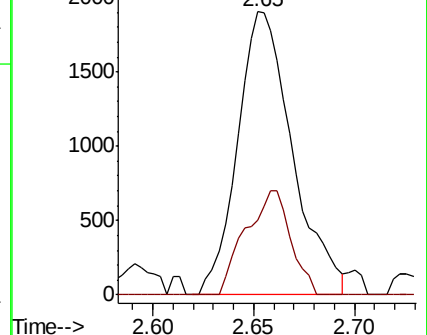
43 100

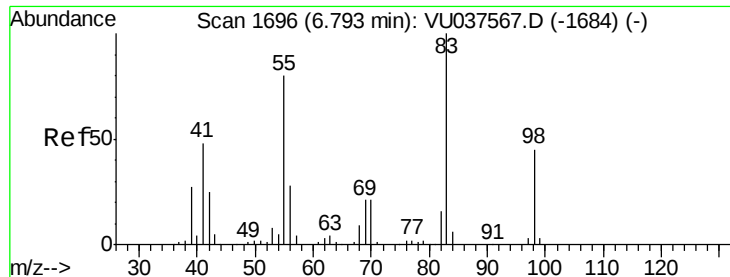
58 30.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

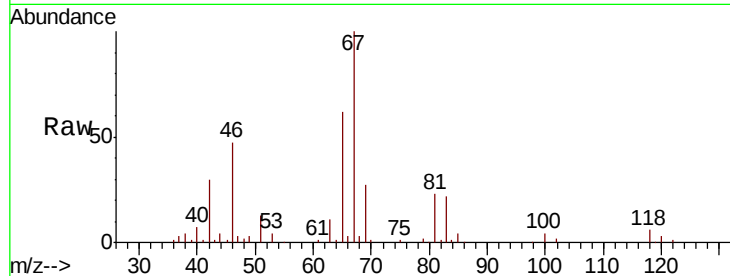




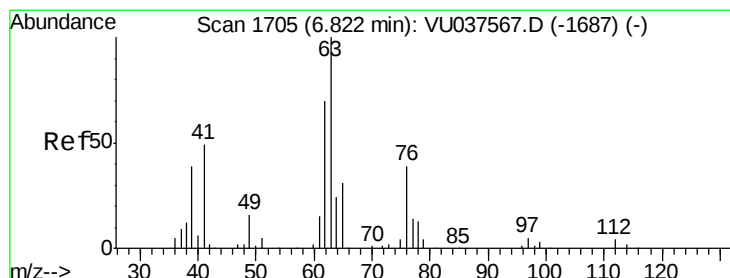
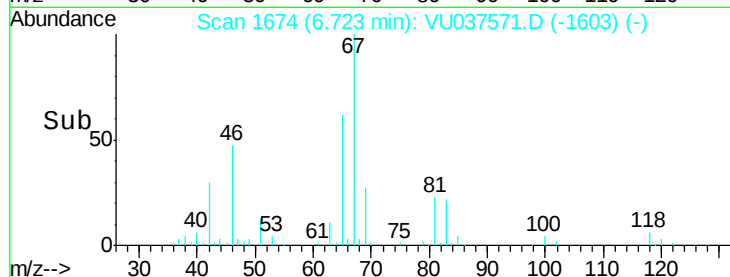
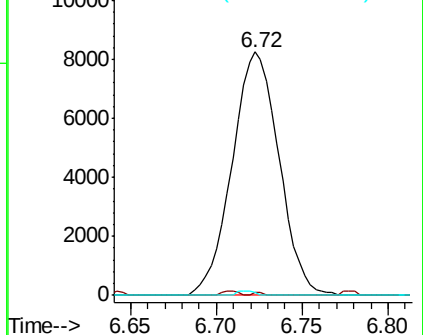
#35
Methvlcvclohexane
Concen: 9.093 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037571.D
Acq: 03 Apr 2020 17:08

Instrument :
MSVOA_U
ClientSampled :
C0F06

Tot Ion: 83 Resp: 15621
Ion Ratio Lower Upper
83 100
55 0.3 61.1 91.7#
98 0.7 35.3 52.9#

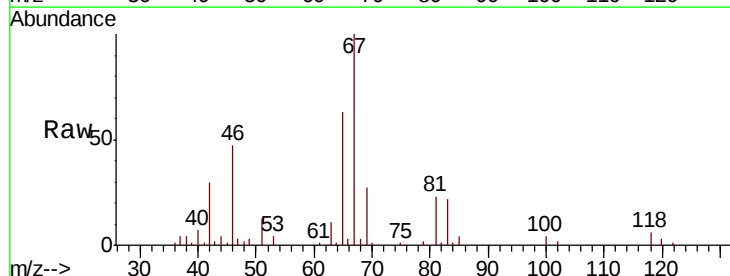


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

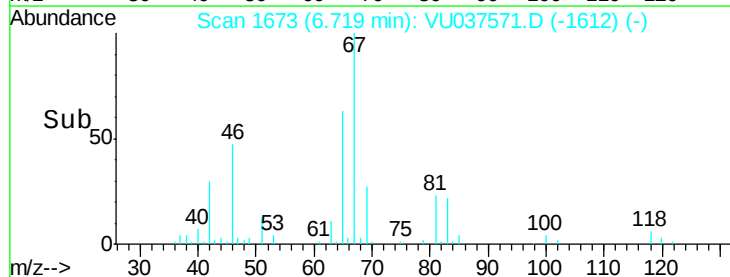
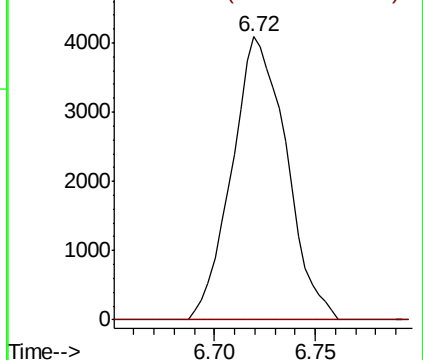


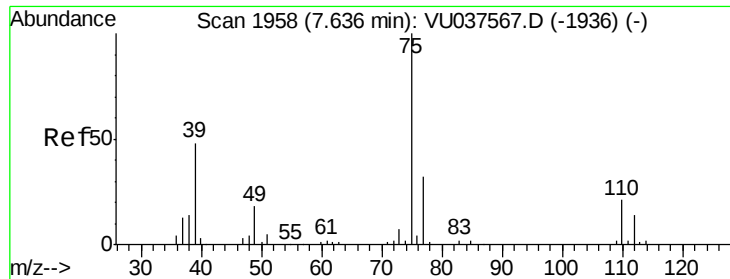
#37
1,2-Dichloropropane
Concen: 6.387 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037571.D
Acq: 03 Apr 2020 17:08

Tgt Ion: 63 Resp: 7738
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

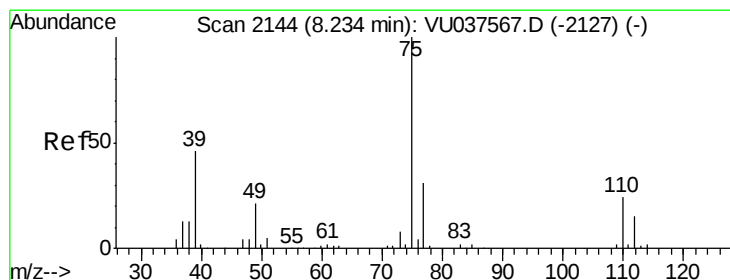
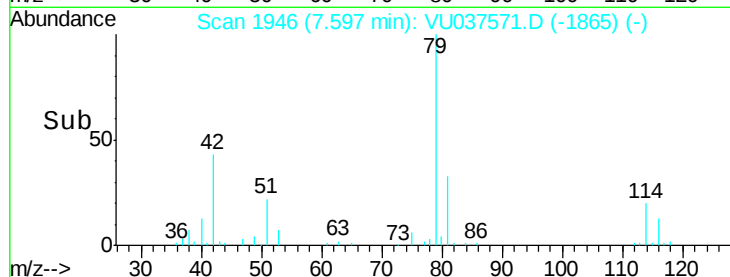
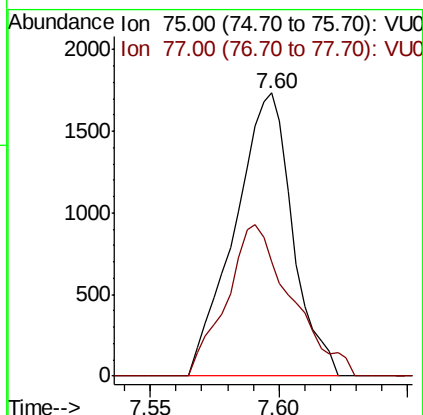
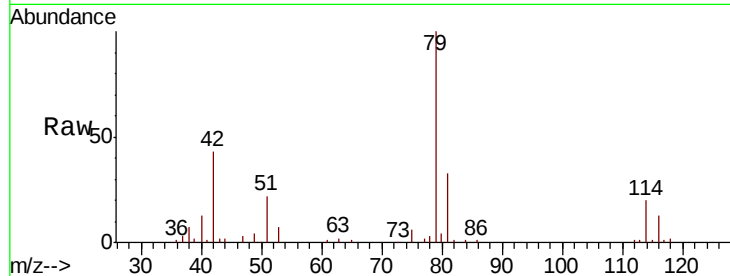




#39
 cis-1,3-Dichloropropene
 Concen: 1.436 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037571.D
 Acq: 03 Apr 2020 17:08

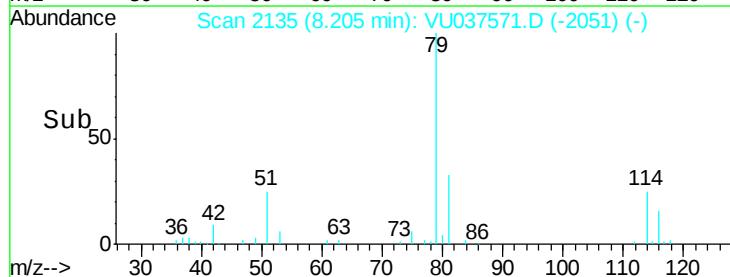
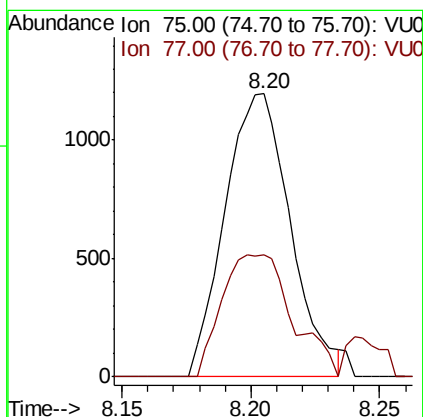
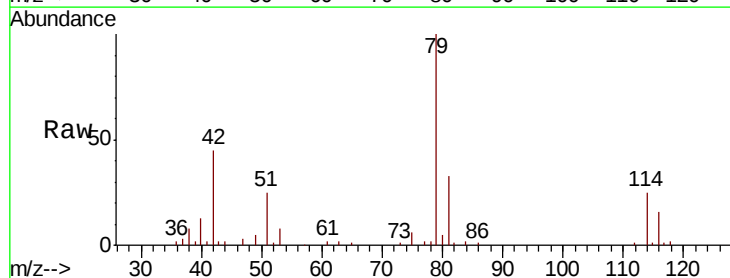
Instrument :
 MSVOA_U
 ClientSampleId :
 C0F06

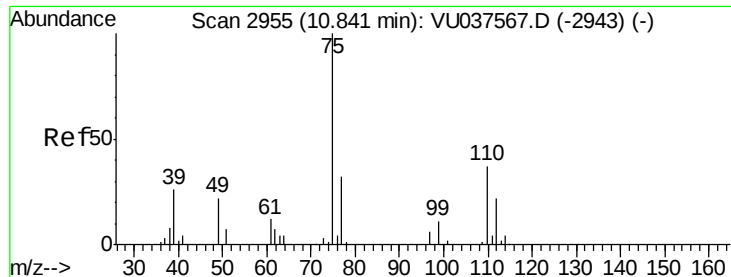
Tot Ion: 75 Resp: 2717
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.5 41.7



#44
 trans-1,3-Dichloropropene
 Concen: 1.137 ug/L
 RT: 8.20 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: VU037571.D
 Acq: 03 Apr 2020 17:08

Tgt Ion: 75 Resp: 2118
 Ion Ratio Lower Upper
 75 100
 77 43.1 23.4 43.6





#59

1,2,3-Trichloropropane

Concen: 7.284 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037571.D

Acq: 03 Apr 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

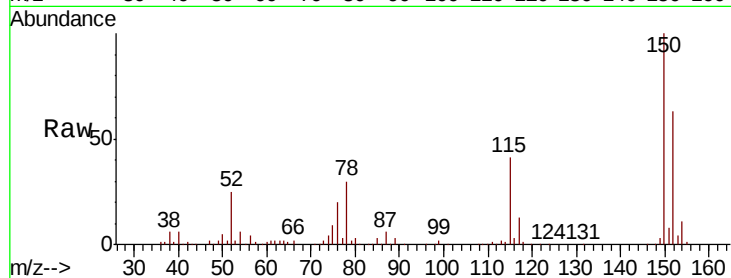
C0F06

Tot Ion: 75 Resp: 11345

Ion Ratio Lower Upper

75 100

77 34.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

