

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037577.D
 Acq On : 03 Apr 2020 19:25
 Operator : JC/MD
 Sample : L2158-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F03

Quant Time: Apr 04 05:26:21 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	171939	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	162527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	75096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61546	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.14%
7) Chloroethane-d5	1.93	69	49660	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.52%
11) 1,1-Dichloroethene-d2	2.59	63	82885	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.67	46	104214	99.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	5.11	84	103619	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.74	65	70598	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
32) Benzene-d6	5.76	84	218395	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.72	67	73967	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.32%
41) Toluene-d8	7.92	98	197797	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloropropene-	8.20	79	37533	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.65	63	79107	94.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.19%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104699	46.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	72973	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

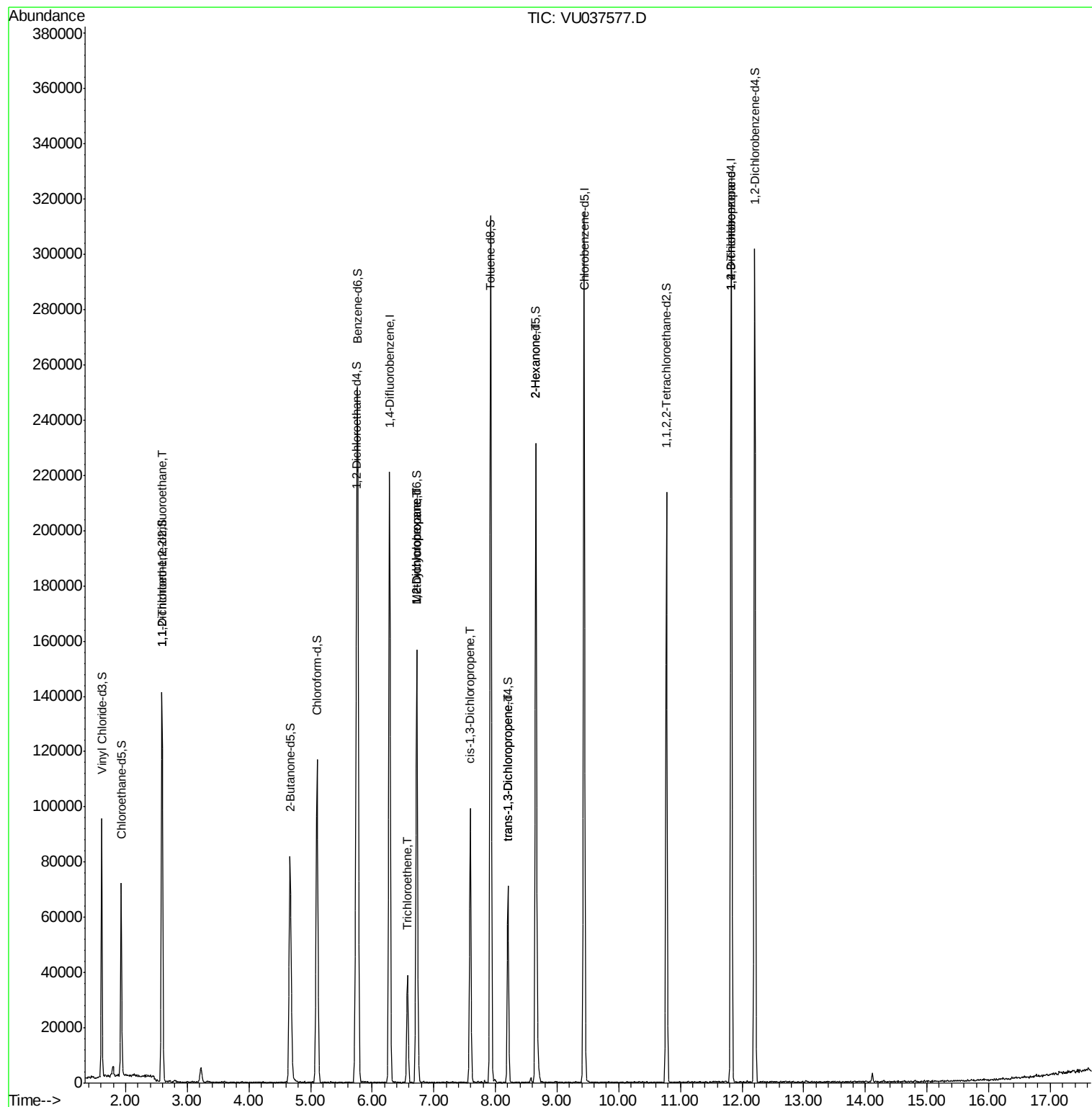
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	779	0.822	ug/L # 22
34) Trichloroethene	6.57	95	12968	11.646	ug/L 98
35) Methylcyclohexane	6.72	83	16076	9.344	ug/L # 20
37) 1,2-Dichloropropane	6.73	63	7945	6.548	ug/L # 88
39) cis-1,3-Dichloropropene	7.60	75	2663	1.405	ug/L # 82
44) trans-1,3-Dichloropropene	8.20	75	1912	1.024	ug/L 99
48) 2-Hexanone	8.66	43	9639	6.295	ug/L # 43
59) 1,2,3-Trichloropropane	11.83	75	11291	7.239	ug/L 93

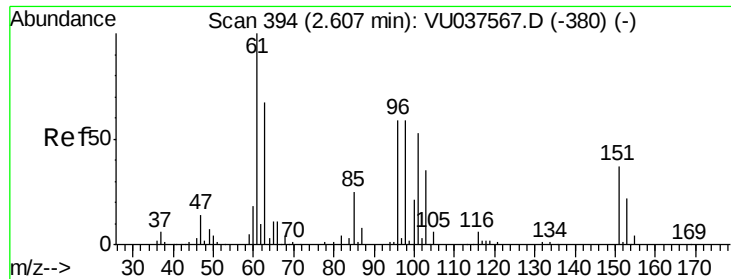
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration





#10

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

Concen: 0.822 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037577.D

Acq: 03 Apr 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

C0F03

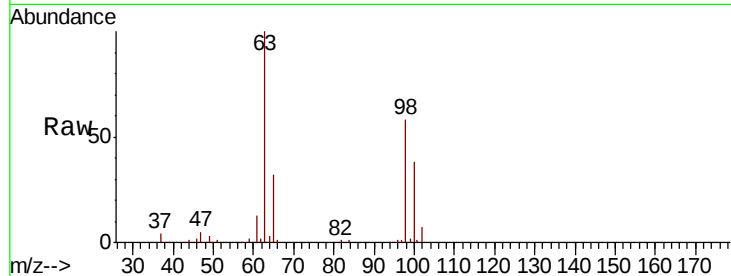
Tot Ion:101 Resp: 779

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

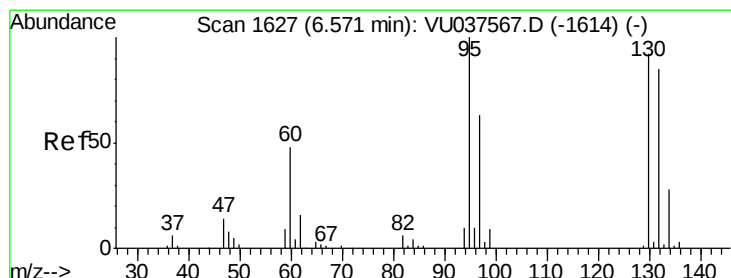
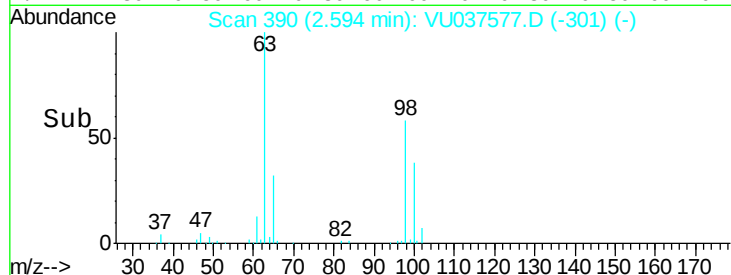
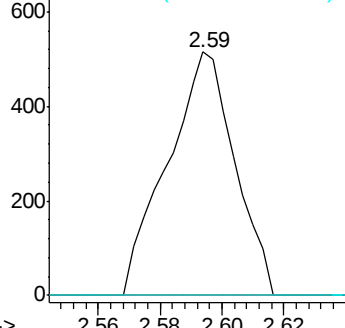
151 0.0 55.3 82.9#



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



#34

Trichloroethene

Concen: 11.646 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037577.D

Acq: 03 Apr 2020 19:25

Tgt Ion: 95 Resp: 12968

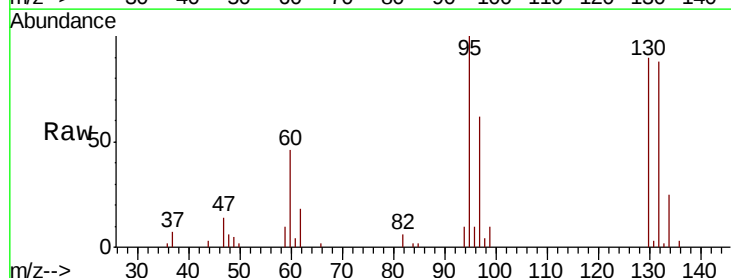
Ion Ratio Lower Upper

95 100

97 61.5 45.2 84.0

132 90.1 63.7 118.3

130 90.1 64.5 119.7

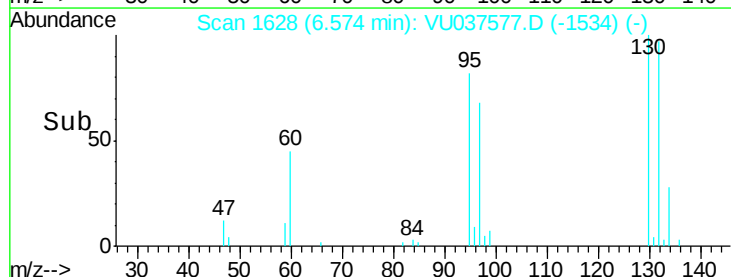
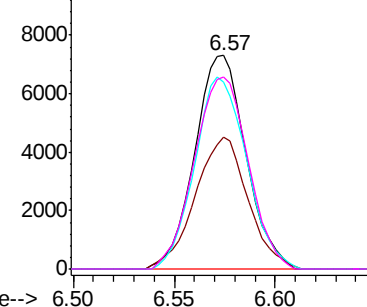


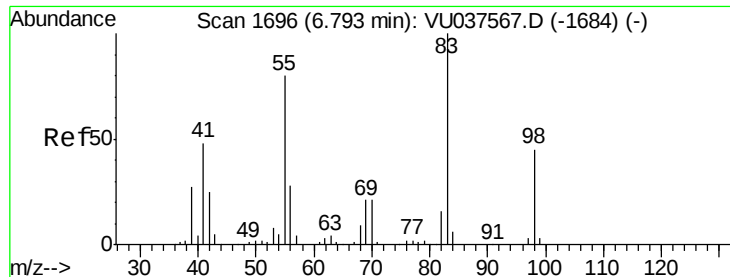
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#35

Methylcyclohexane

Concen: 9.344 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037577.D

Acq: 03 Apr 2020 19:25

Instrument :

MSVOA_U

ClientSampled :

C0F03

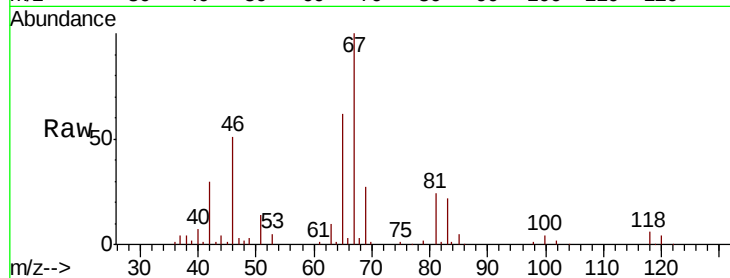
Tot Ion: 83 Resp: 16076

Ion Ratio Lower Upper

83 100

55 0.5 61.1 91.7#

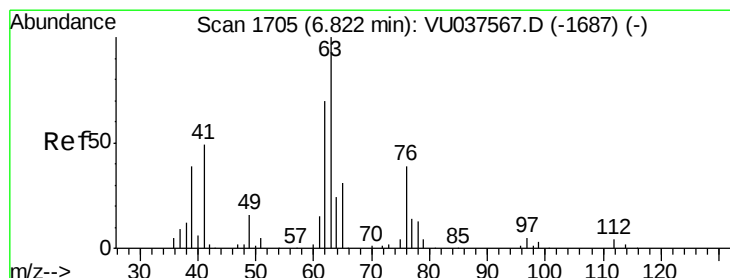
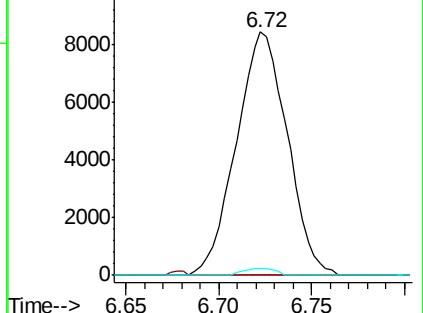
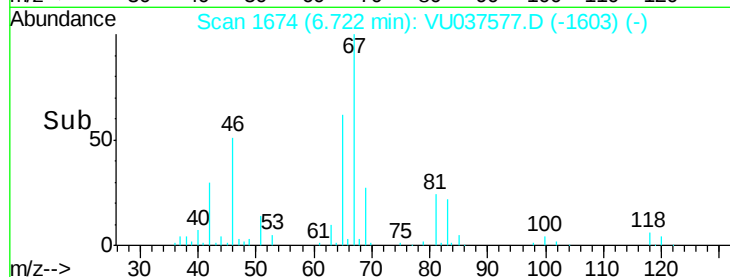
98 1.8 35.3 52.9#



Abundance Ion 83.00 (82.70 to 83.70): VU037577.D (-1603) (-)

Ion 55.00 (54.70 to 55.70): VU037577.D (-1603) (-)

Ion 98.00 (97.70 to 98.70): VU037577.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 6.548 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037577.D

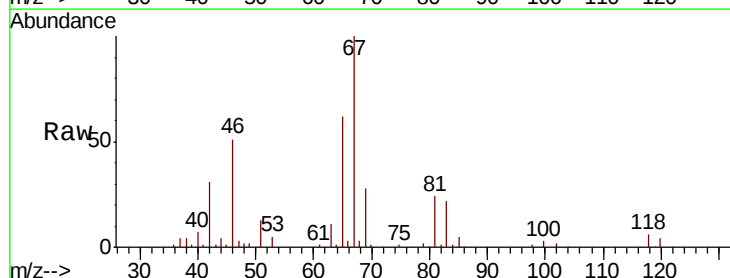
Acq: 03 Apr 2020 19:25

Tgt Ion: 63 Resp: 7945

Ion Ratio Lower Upper

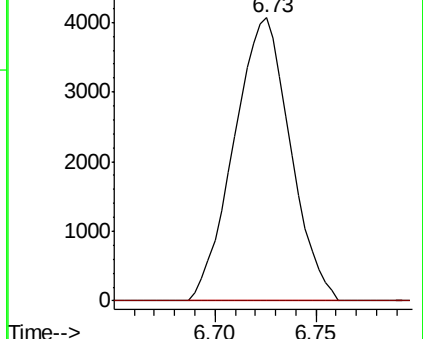
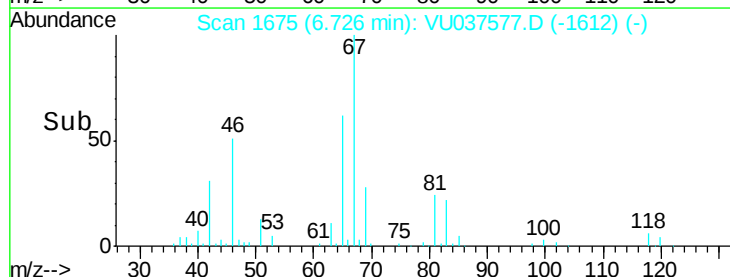
63 100

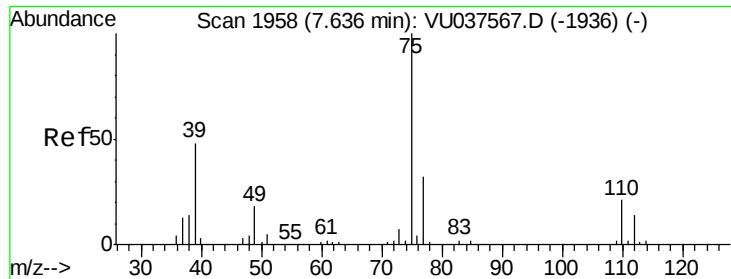
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037577.D (-1612) (-)

Ion 112.00 (111.70 to 112.70): VU037577.D (-1612) (-)

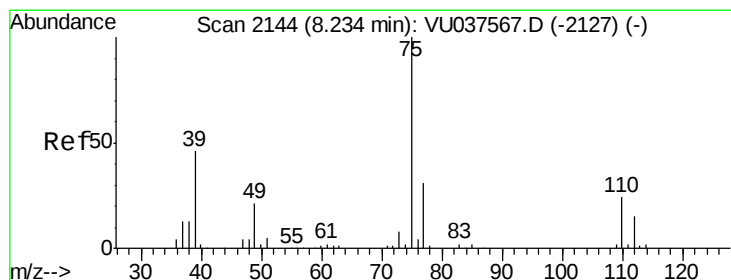
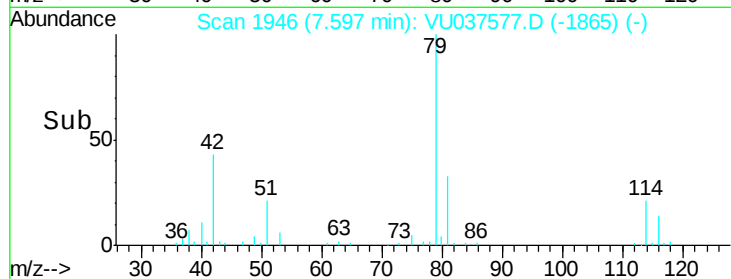
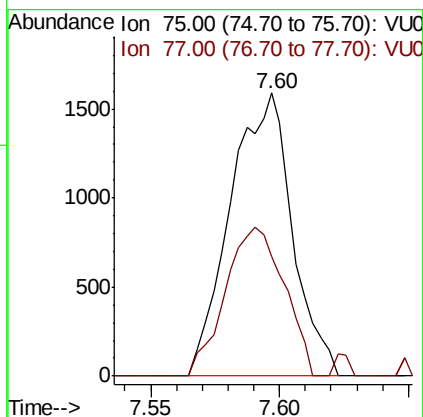
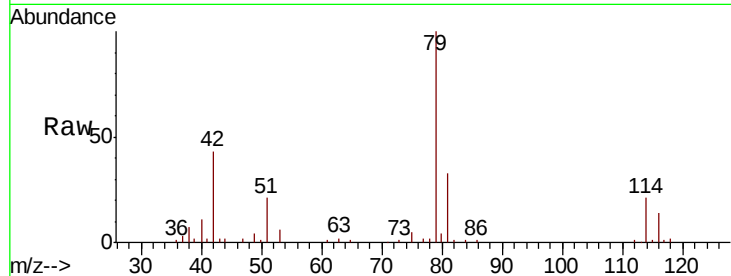




#39
 cis-1,3-Dichloropropene
 Concen: 1.405 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037577.D
 Acq: 03 Apr 2020 19:25

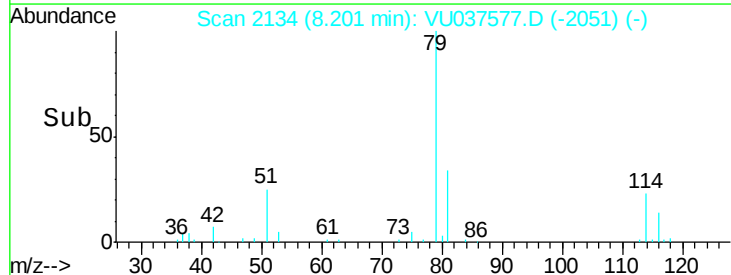
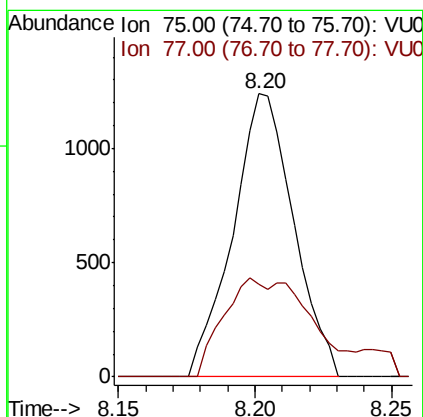
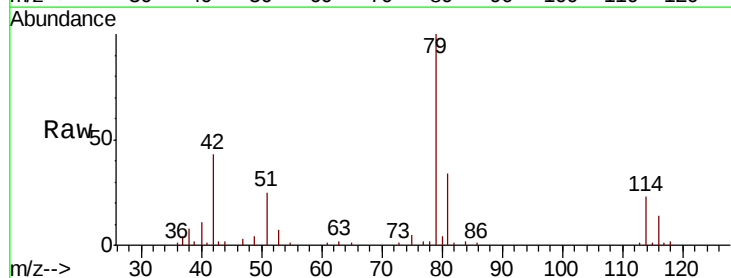
Instrument :
 MSVOA_U
 ClientSampleId :
 C0F03

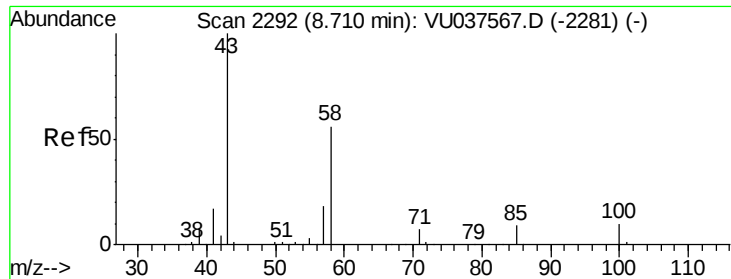
Tot Ion: 75 Resp: 2663
 Ion Ratio Lower Upper
 75 100
 77 42.4 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 1.024 ug/L
 RT: 8.20 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: VU037577.D
 Acq: 03 Apr 2020 19:25

Tgt Ion: 75 Resp: 1912
 Ion Ratio Lower Upper
 75 100
 77 32.8 23.4 43.6

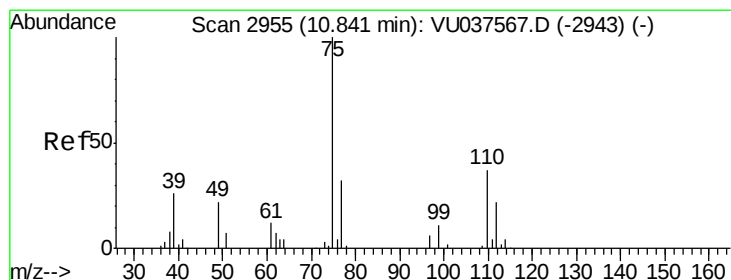
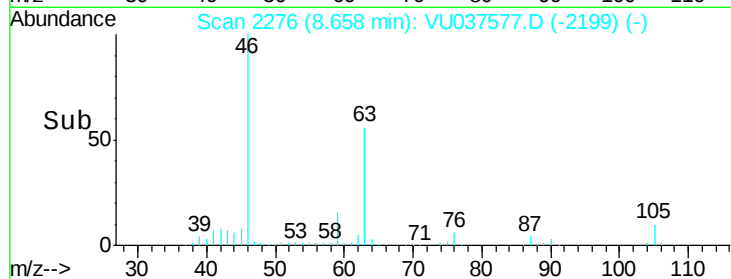
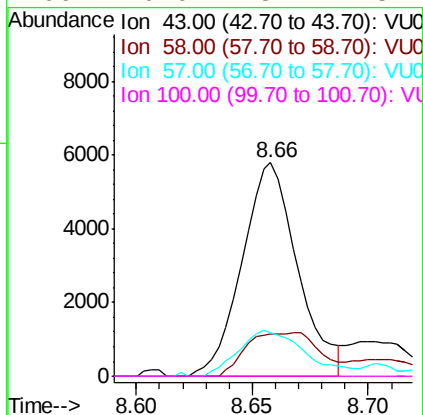
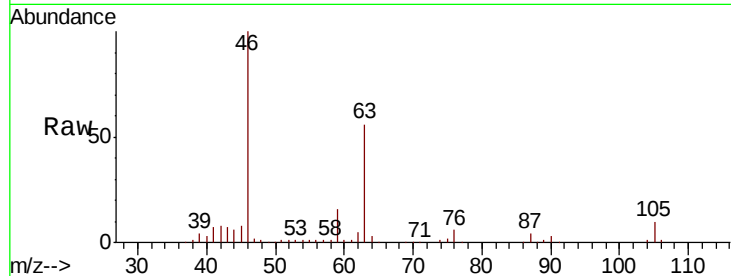




#48
 2-Hexanone
 Concen: 6.295 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU037577.D
 Acq: 03 Apr 2020 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F03

Tot Ion: 43 Resp: 9639
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.4 66.6#
 57 25.7 15.1 22.7#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 7.239 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037577.D
 Acq: 03 Apr 2020 19:25

Tgt Ion: 75 Resp: 11291
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.5 38.3

