

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037585.D
 Acq On : 06 Apr 2020 13:15
 Operator : JC/MD
 Sample : L2158-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EY9

Quant Time: Apr 07 00:50:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	153388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	141230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	66842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55251	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.70%
7) Chloroethane-d5	1.93	69	46317	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	2.59	63	76610	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.67	46	99132	105.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.10	84	98740	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.74	65	66724	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.76	84	206077	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.72	67	69866	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.92	98	191069	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.20	79	35418	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
47) 2-Hexanone-d5	8.65	63	79404	108.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101788	51.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	69458	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

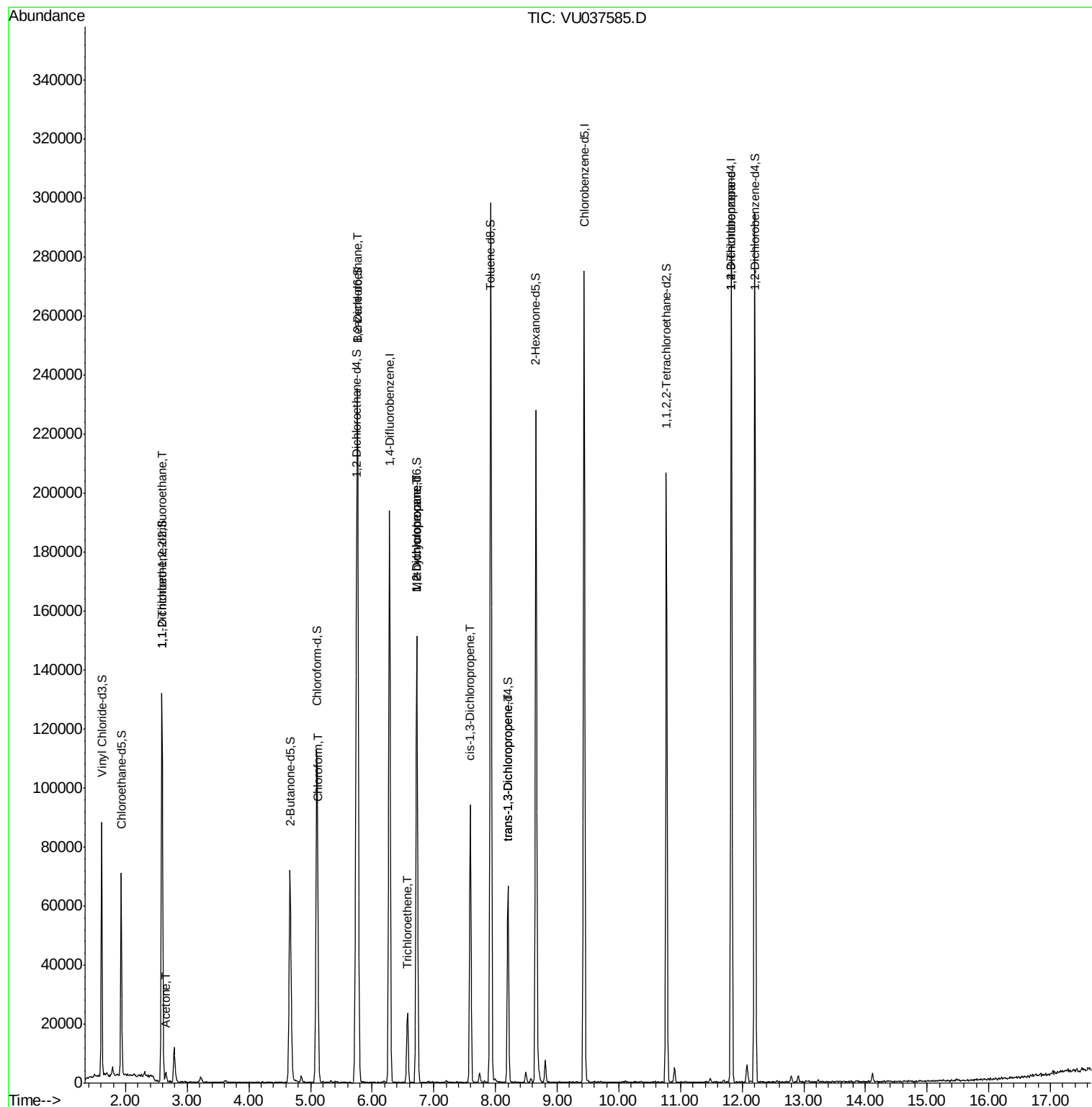
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	755	0.893	ug/L #	22
13) Acetone	2.66	43	3543	6.546	ug/L	93
25) Chloroform	5.12	83	2897	1.605	ug/L	87
27) 1,2-Dichloroethane	5.76	62	1097	0.788	ug/L #	75
34) Trichloroethene	6.57	95	8021	8.289	ug/L	95
35) Methylcyclohexane	6.72	83	16455	11.006	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	7464	7.079	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2639	1.602	ug/L	87
44) trans-1,3-Dichloropropene	8.20	75	1648	1.016	ug/L	83
59) 1,2,3-Trichloropropane	11.83	75	10247	7.560	ug/L	94

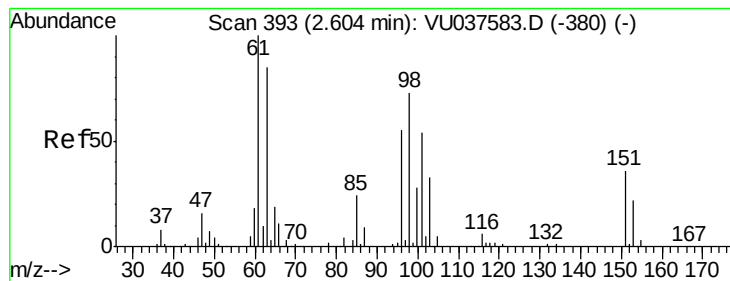
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 07 00:48:05 2020
Response via : Initial Calibration





#10

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

Concen: 0.893 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037585.D

Acq: 06 Apr 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

C0EY9

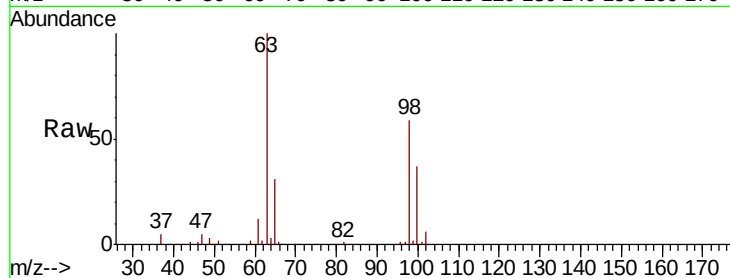
Tot Ion:101 Resp: 755

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

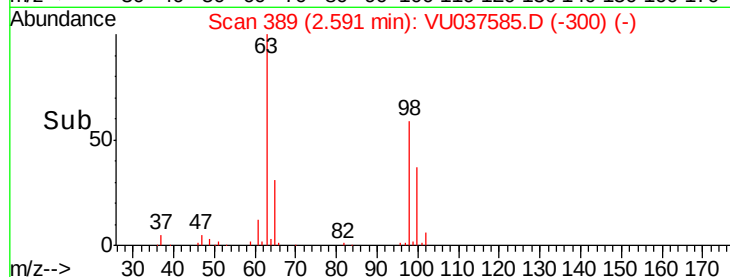
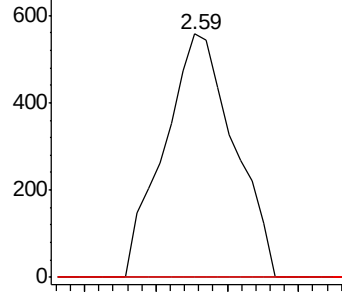
151 0.0 55.3 82.9#



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: 6.546 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037585.D

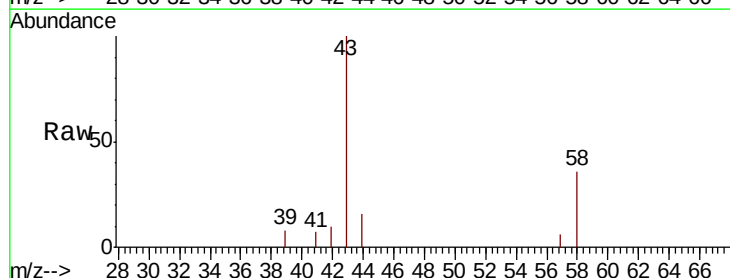
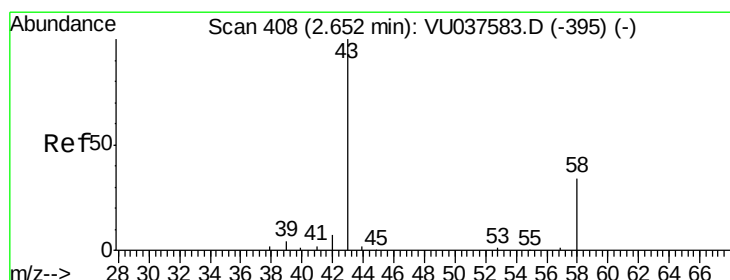
Acq: 06 Apr 2020 13:15

Tgt Ion: 43 Resp: 3543

Ion Ratio Lower Upper

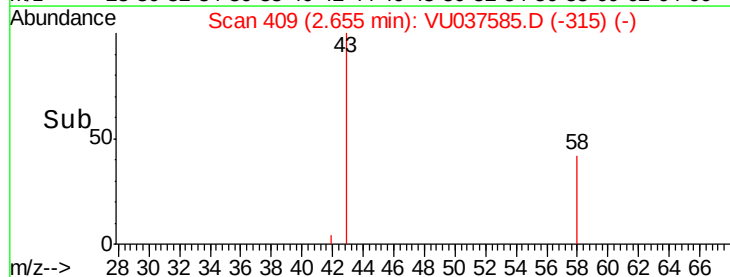
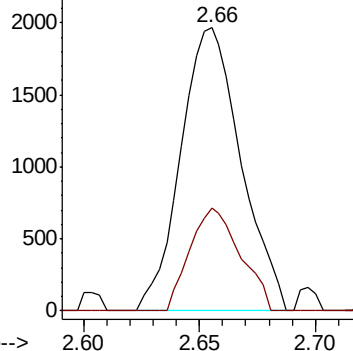
43 100

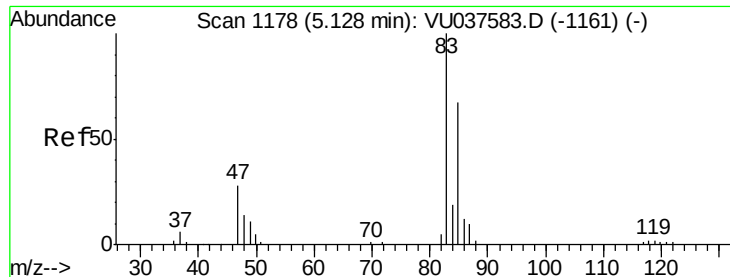
58 30.4 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

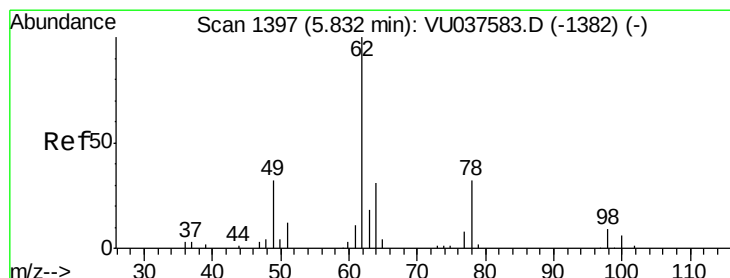
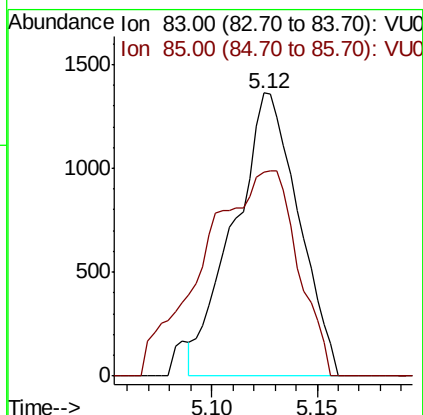
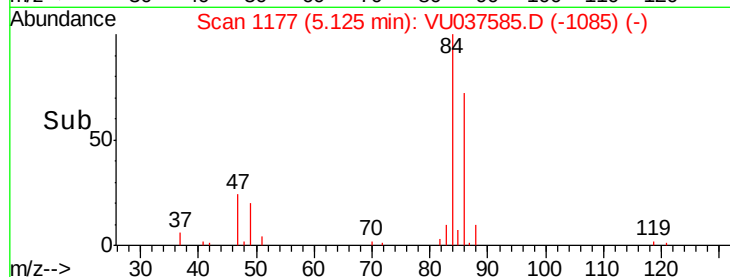
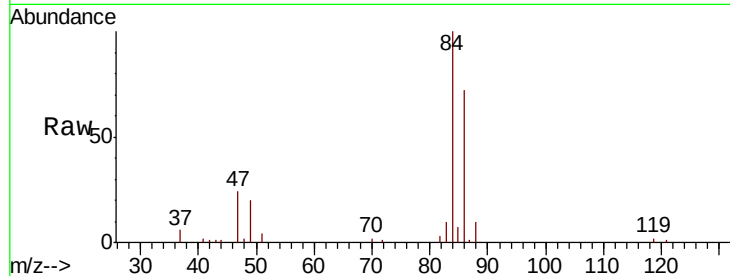




#25
Chloroform
Concen: 1.605 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037585.D
Acq: 06 Apr 2020 13:15

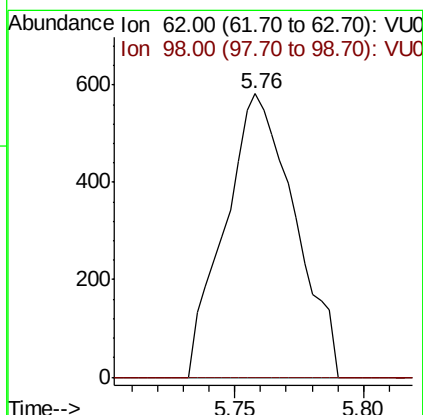
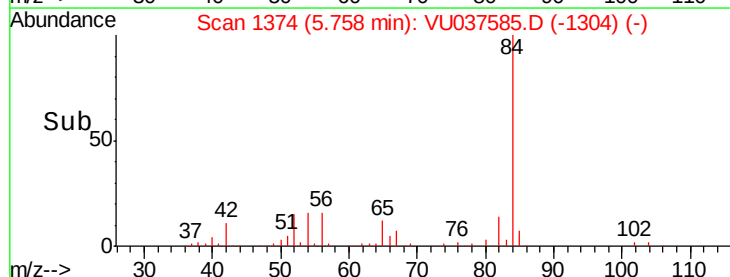
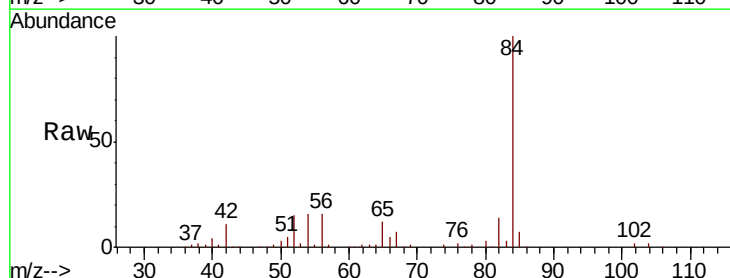
Instrument :
MSVOA_U
ClientSampled :
C0EY9

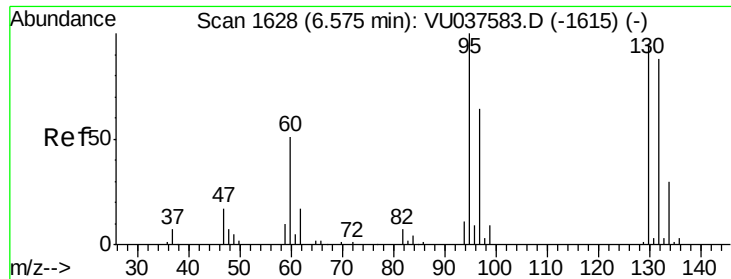
Tot Ion: 83 Resp: 2897
Ion Ratio Lower Upper
83 100
85 72.2 43.7 81.1



#27
1,2-Dichloroethane
Concen: 0.788 ug/L
RT: 5.76 min Scan# 1374
Delta R.T. -0.07 min
Lab File: VU037585.D
Acq: 06 Apr 2020 13:15

Tgt Ion: 62 Resp: 1097
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#

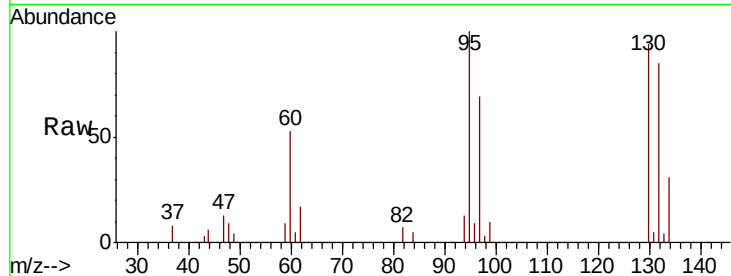




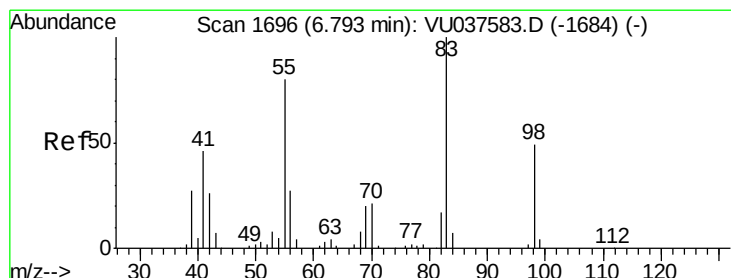
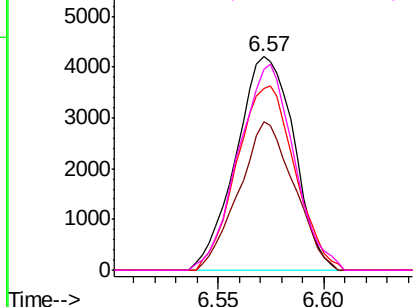
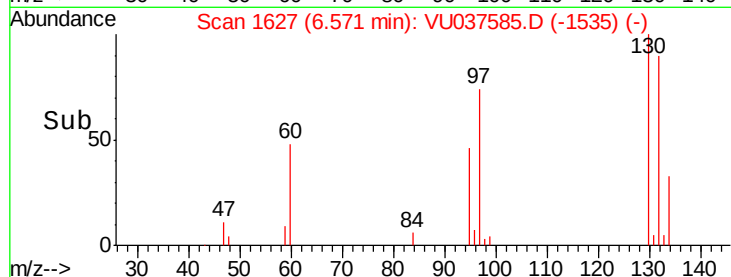
#34
 Trichloroethene
 Concen: 8.289 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037585.D
 Acq: 06 Apr 2020 13:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EY9

Tot Ion: 95 Resp: 8021
 Ion Ratio Lower Upper
 95 100
 97 69.4 45.2 84.0
 132 85.0 63.7 118.3
 130 94.2 64.5 119.7

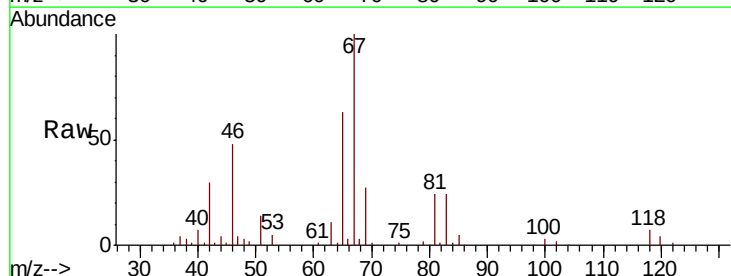


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

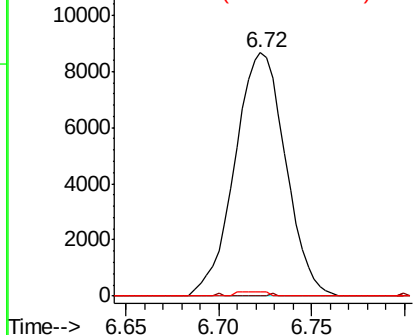
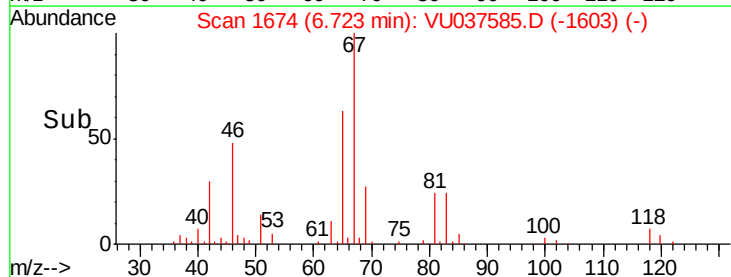


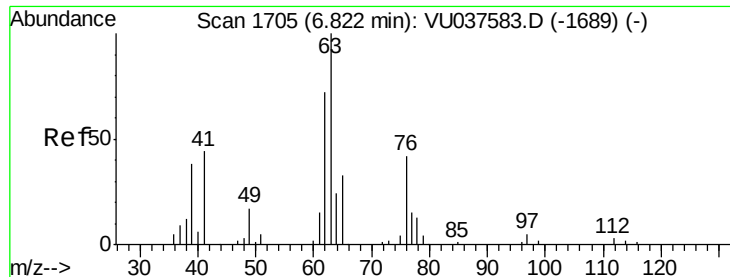
#35
 Methylcyclohexane
 Concen: 11.006 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037585.D
 Acq: 06 Apr 2020 13:15

Tgt Ion: 83 Resp: 16455
 Ion Ratio Lower Upper
 83 100
 55 0.4 61.1 91.7#
 98 0.5 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

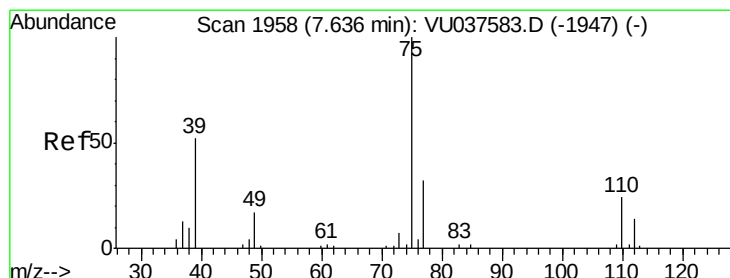
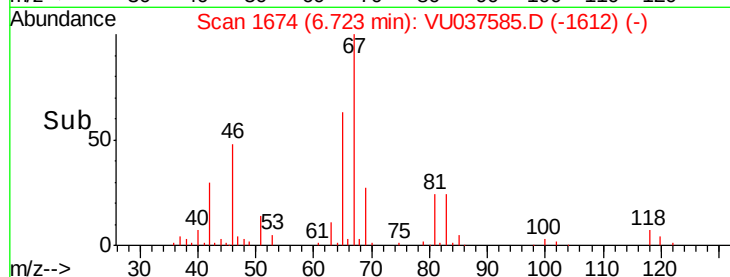
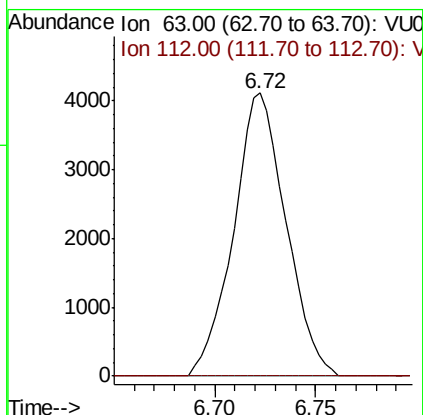
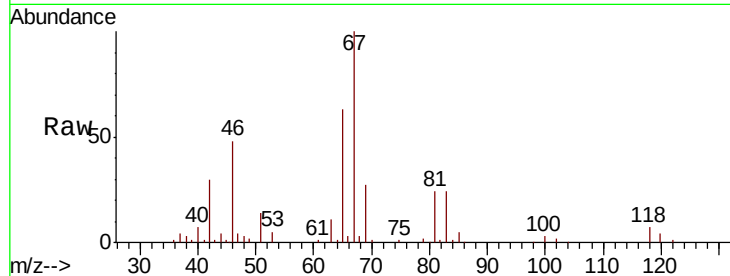




#37
 1,2-Dichloropropane
 Concen: 7.079 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037585.D
 Acq: 06 Apr 2020 13:15

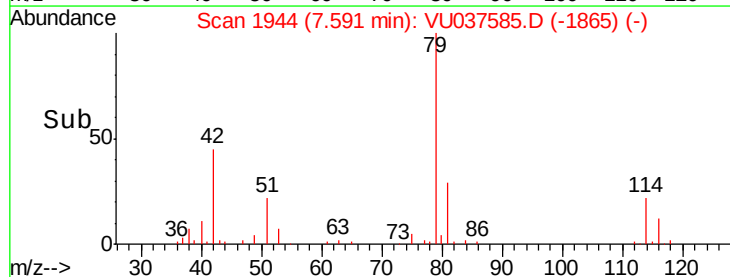
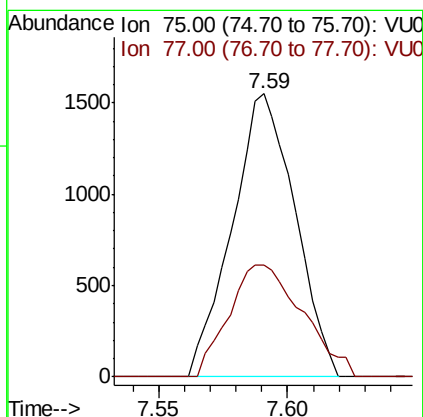
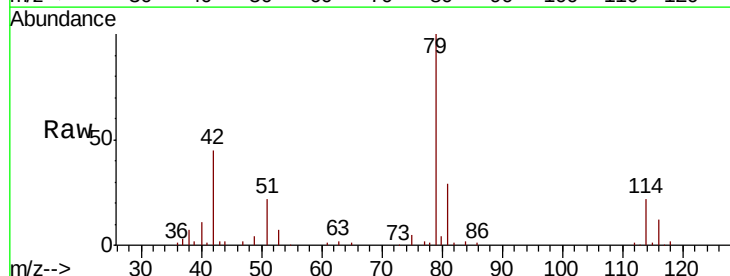
Instrument :
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 ClientSampleId :
 C0EY9

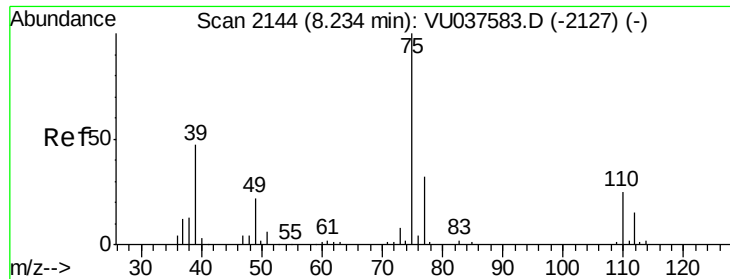
Tot Ion: 63 Resp: 7464
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.602 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037585.D
 Acq: 06 Apr 2020 13:15

Tgt Ion: 75 Resp: 2639
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.5 41.7





#44

trans-1,3-Dichloropropene

Concen: 1.016 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.03 min

Lab File: VU037585.D

Acq: 06 Apr 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

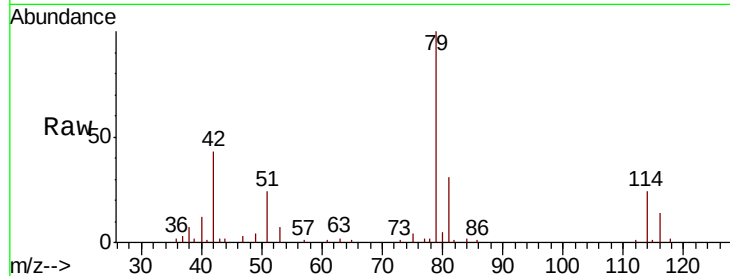
C0EY9

Tot Ion: 75 Resp: 1648

Ion Ratio Lower Upper

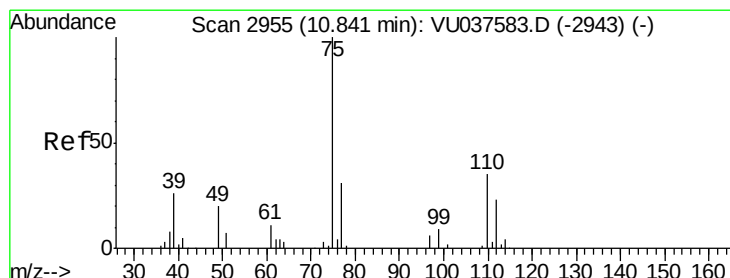
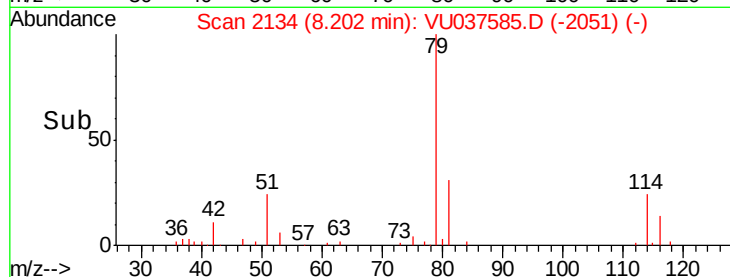
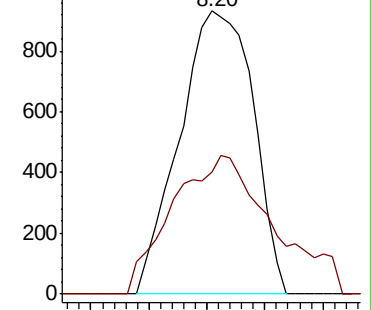
75 100

77 43.2 23.4 43.6



Abundance Ion 75.00 (74.70 to 75.70): VU037583.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU037583.D (-2127) (-)



#59

1,2,3-Trichloropropane

Concen: 7.560 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037585.D

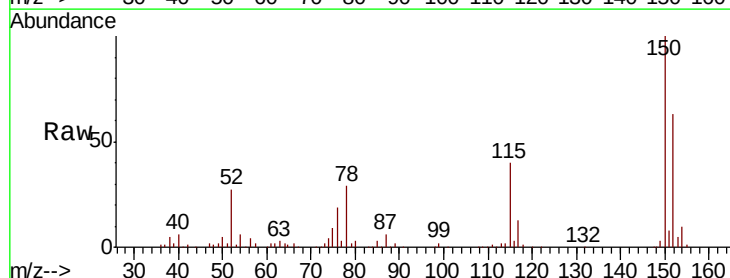
Acq: 06 Apr 2020 13:15

Tgt Ion: 75 Resp: 10247

Ion Ratio Lower Upper

75 100

77 35.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU037583.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037583.D (-2943) (-)

