

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060520\
 Data File : VU038574.D
 Acq On : 05 Jun 2020 15:44
 Operator : SY/MD
 Sample : L2860-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D61

Quant Time: Jun 06 00:15:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	288358	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	129655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64437	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.93	69	58782	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.59	63	108789	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.67	46	296997	52.39	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.10	84	164821	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	98933	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.76	84	322570	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	104403	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	272072	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	38469	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.65	63	247043	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92399	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	116578	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

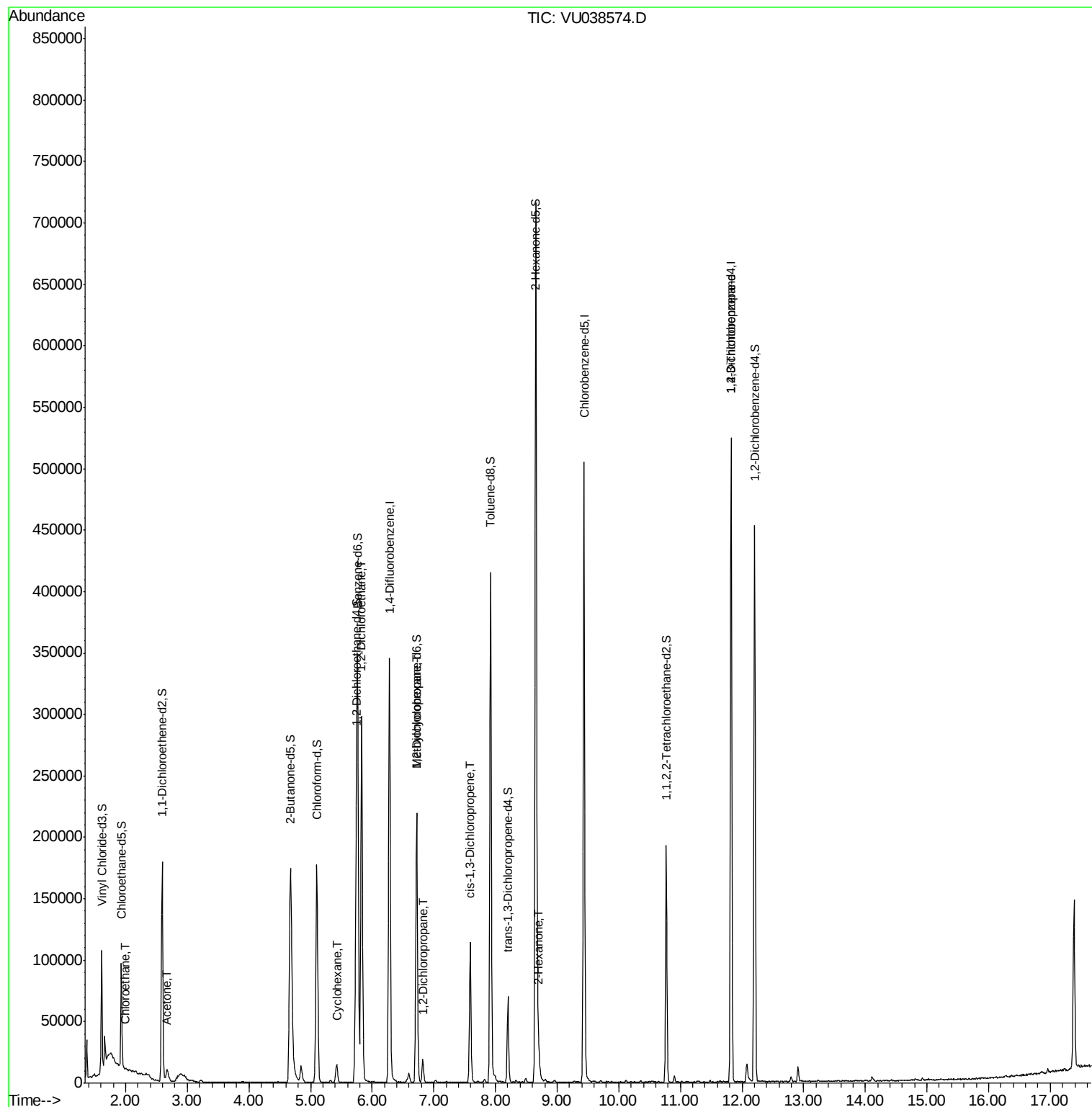
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.99	64	1123	0.084	ug/L #	53
13) Acetone	2.67	43	16865	4.546	ug/L	98
27) 1,2-Dichloroethane	5.83	62	253973	10.369	ug/L	99
30) Cyclohexane	5.43	56	7228	0.234	ug/L	98
35) Methylcyclohexane	6.72	83	24109	0.771	ug/L #	17
37) 1,2-Dichloropropane	6.82	63	6586	0.337	ug/L #	93
39) cis-1,3-Dichloropropene	7.59	75	2967	0.103	ug/L #	74
48) 2-Hexanone	8.70	43	11307	1.067	ug/L #	90
59) 1,2,3-Trichloropropane	11.82	75	17068	1.168	ug/L	89

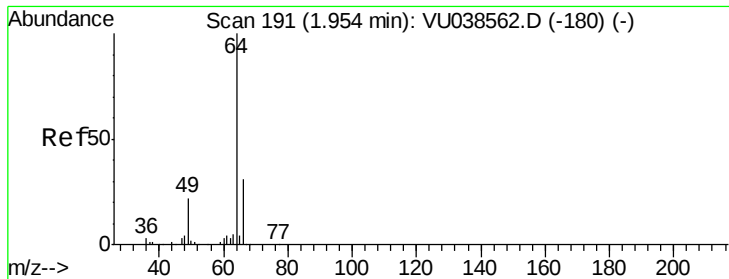
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.99 min Scan# 202

Delta R.T. 0.04 min

Lab File: VU038574.D

Acq: 05 Jun 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

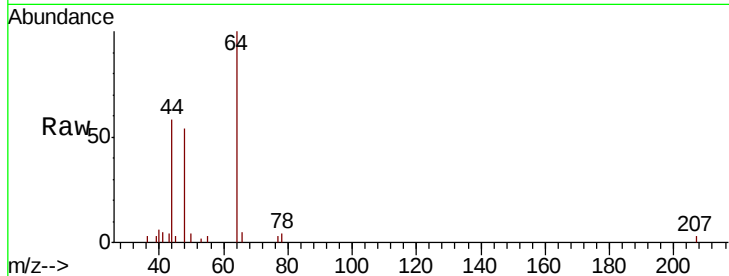
F9D61

Tot Ion: 64 Resp: 1123

Ion Ratio Lower Upper

64 100

66 4.9 21.5 39.9#



Abundance Ion 64.10 (63.80 to 64.80): VU038562.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU038562.D (-180) (-)

1.99

4000

3000

2000

1000

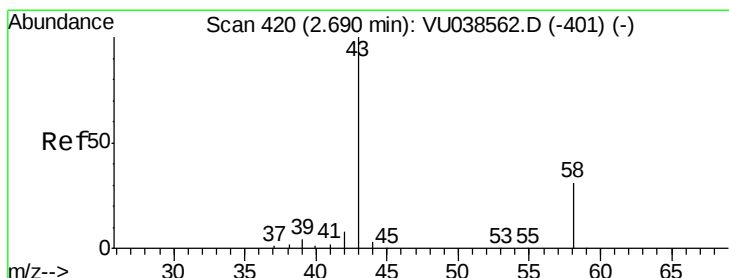
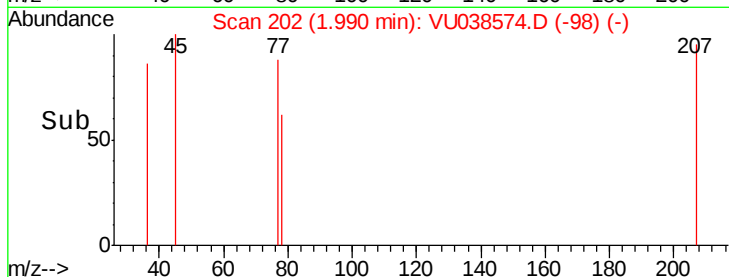
0

1.98

2.00

2.02

Time-->



#13

Acetone

Concen: 4.546 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038574.D

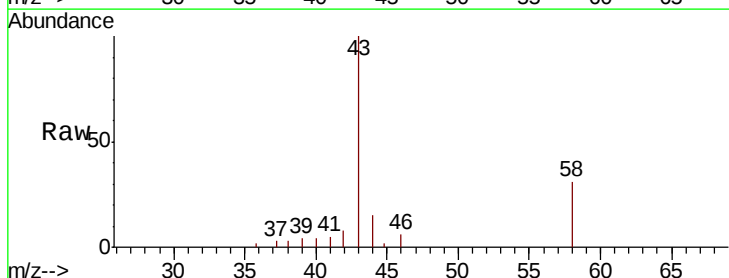
Acq: 05 Jun 2020 15:44

Tgt Ion: 43 Resp: 16865

Ion Ratio Lower Upper

43 100

58 31.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038562.D (-401) (-)

2.67

6000

4000

2000

0

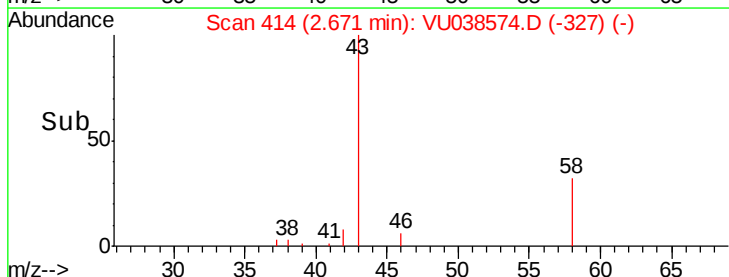
2.60

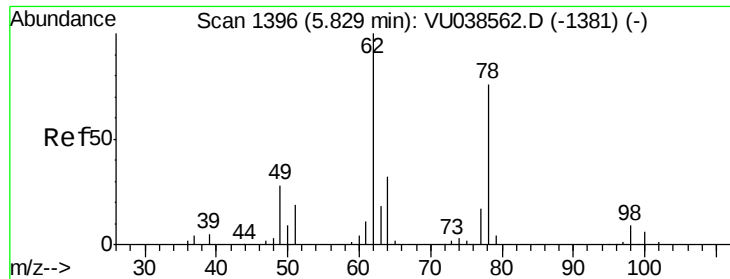
2.65

2.70

2.75

Time-->

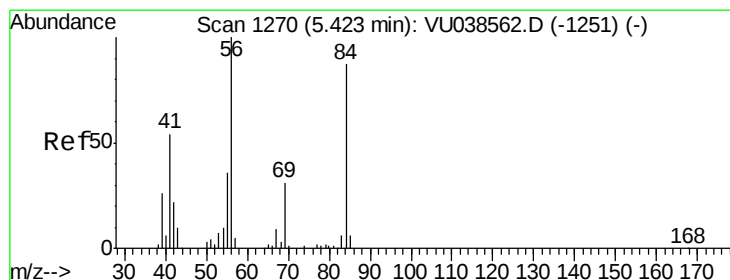
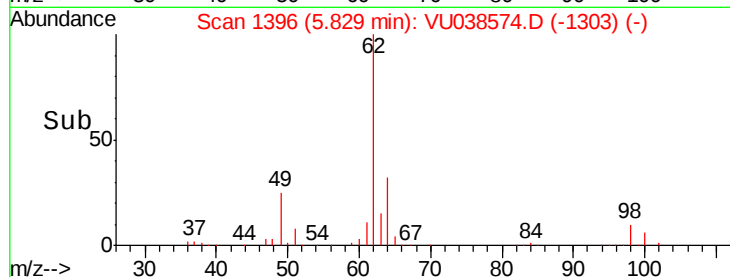
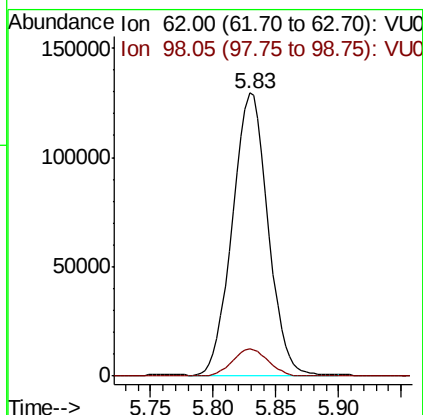
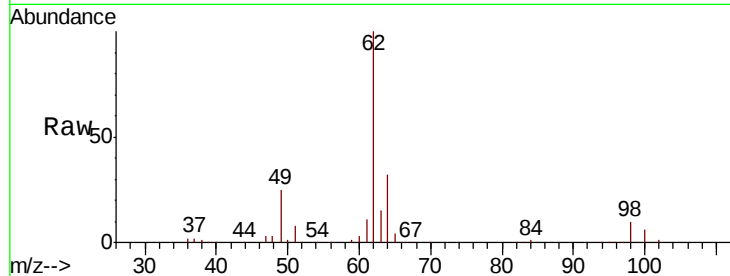




#27
 1,2-Dichloroethane
 Concen: 10.369 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU038574.D
 Acq: 05 Jun 2020 15:44

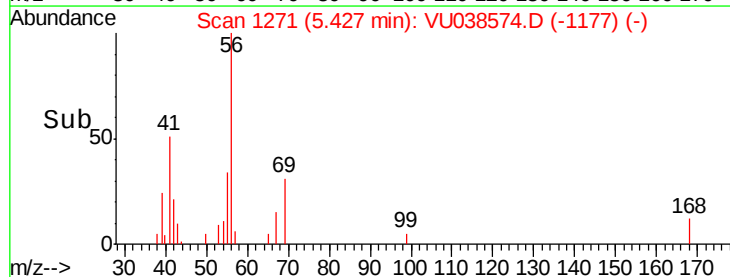
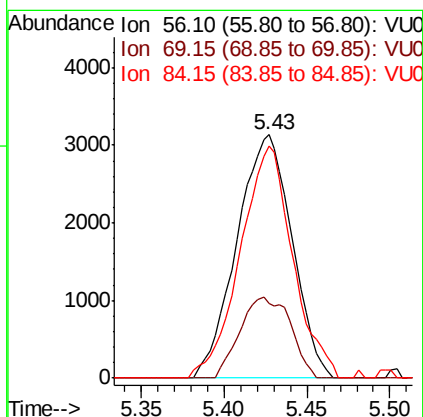
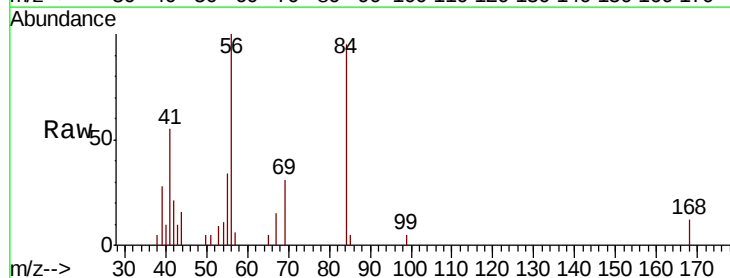
Instrument :
 MSVOA_U
 ClientSampled :
 F9D61

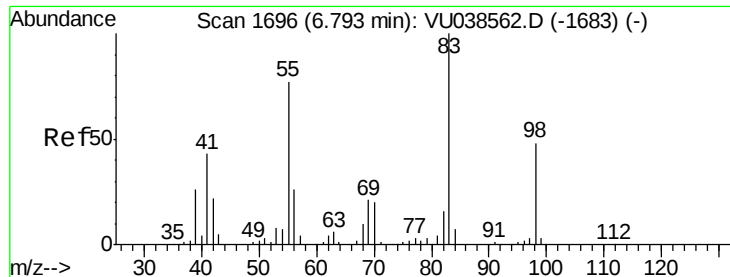
Tot Ion: 62 Resp: 253973
 Ion Ratio Lower Upper
 62 100
 98 9.7 7.4 11.2



#30
 Cyclohexane
 Concen: 0.234 ug/L
 RT: 5.43 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VU038574.D
 Acq: 05 Jun 2020 15:44

Tgt Ion: 56 Resp: 7228
 Ion Ratio Lower Upper
 56 100
 69 30.4 24.2 36.4
 84 90.7 70.8 106.2

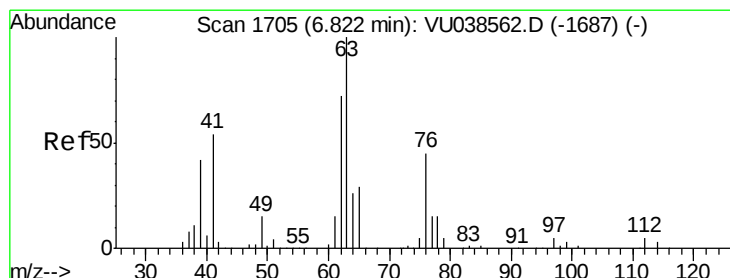
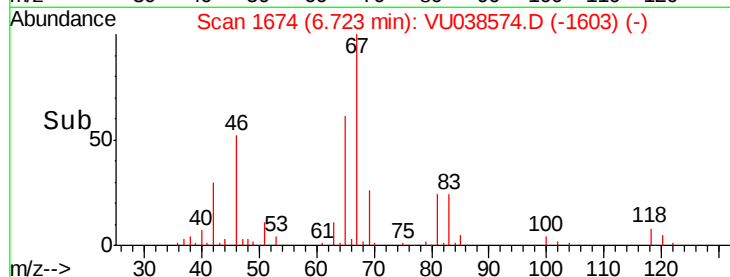
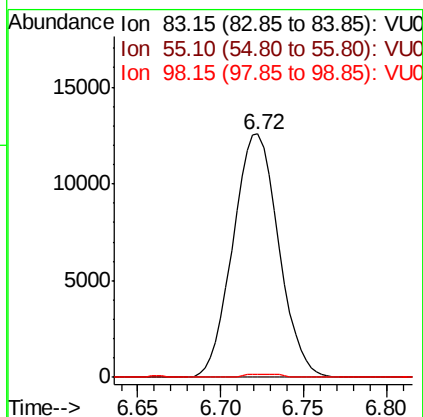
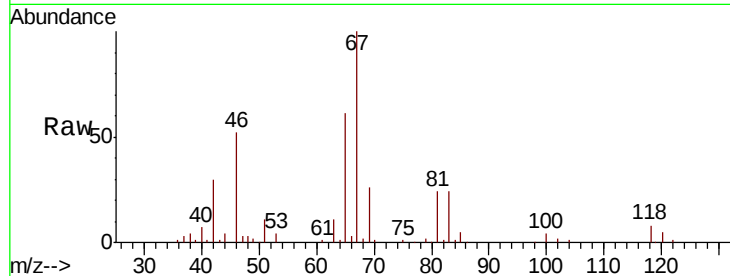




#35
Methvlcvclohexane
Concen: 0.771 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038574.D
Acq: 05 Jun 2020 15:44

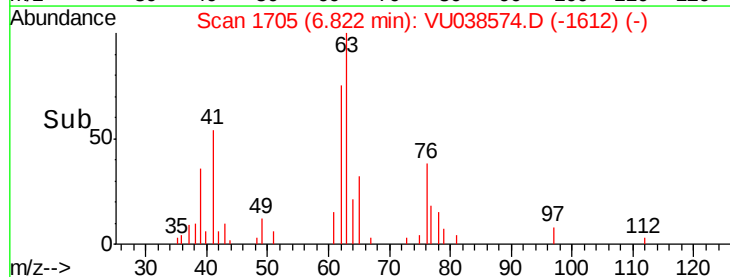
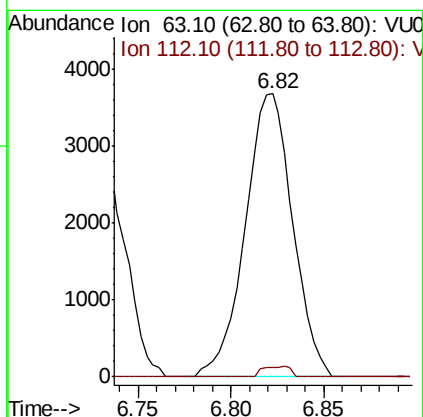
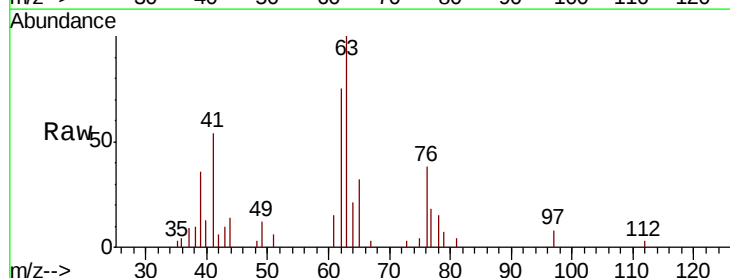
Instrument :
MSVOA_U
ClientSampleId :
F9D61

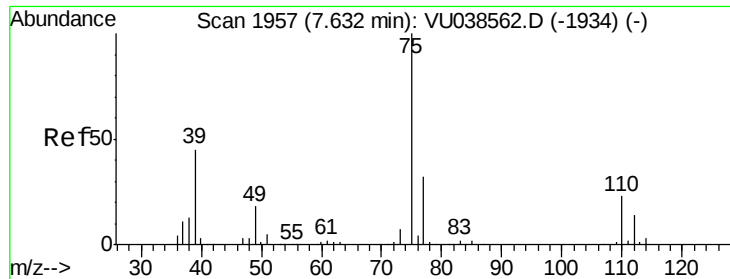
Tot Ion: 83 Resp: 24109
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.337 ug/L
RT: 6.82 min Scan# 1705
Delta R.T. 0.00 min
Lab File: VU038574.D
Acq: 05 Jun 2020 15:44

Tgt Ion: 63 Resp: 6586
Ion Ratio Lower Upper
63 100
112 2.2 3.7 5.5#



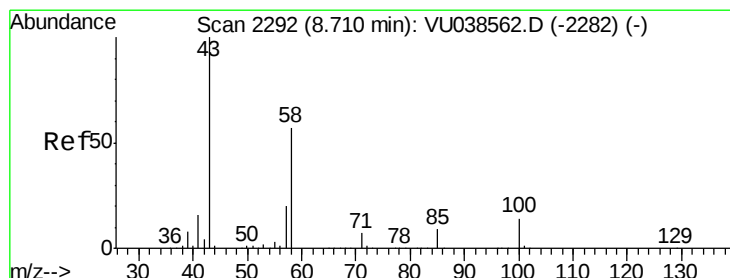
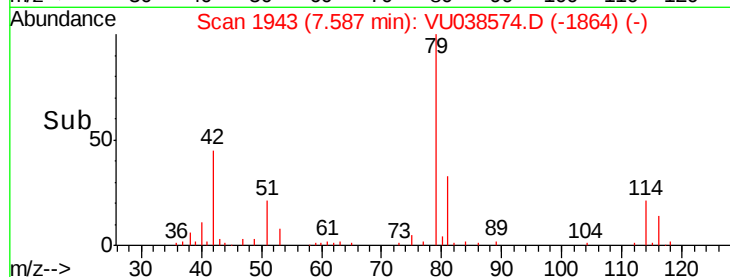
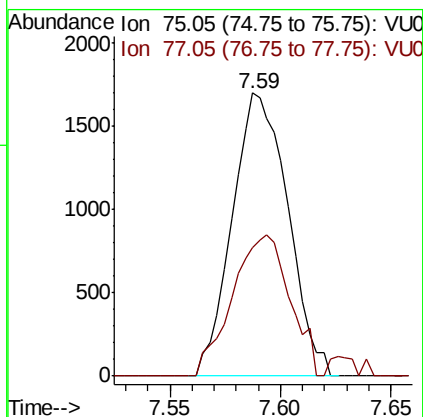
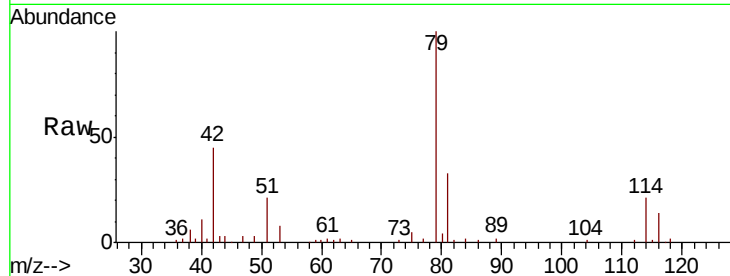


#39

cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038574.D
Acq: 05 Jun 2020 15:44

Instrument :
MSVOA_U
ClientSampleId :
F9D61

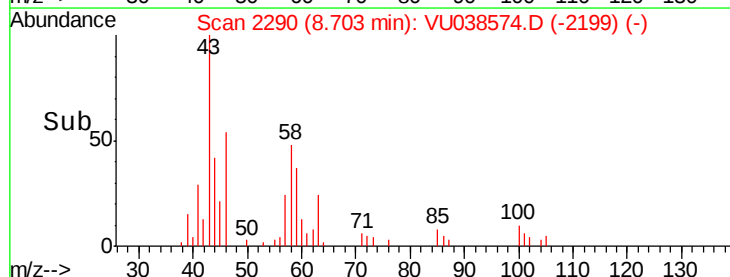
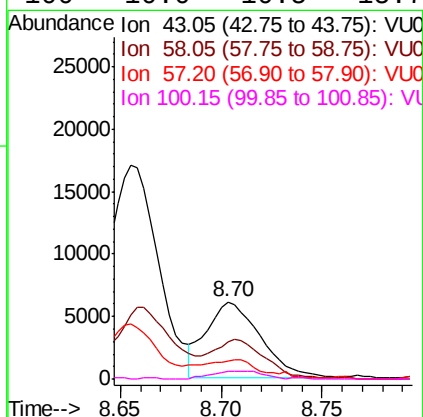
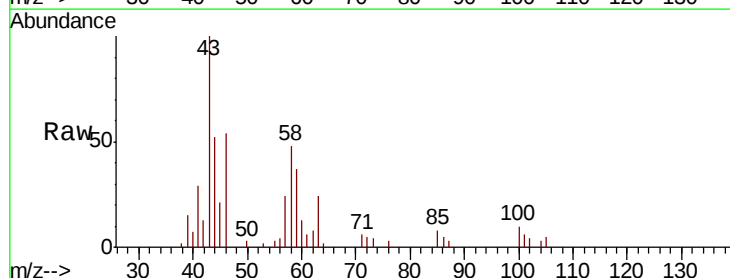
Tot Ion: 75 Resp: 2967
Ion Ratio Lower Upper
75 100
77 45.4 21.9 40.7#

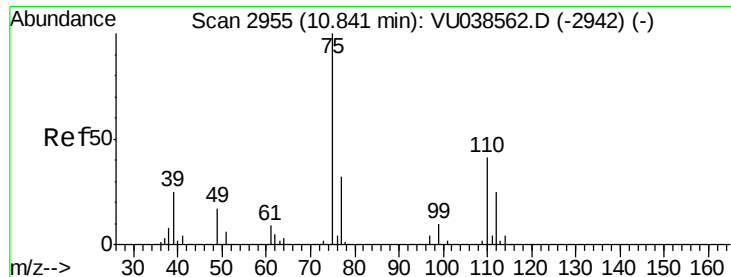


#48

2-Hexanone
Concen: 1.067 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038574.D
Acq: 05 Jun 2020 15:44

Tgt Ion: 43 Resp: 11307
Ion Ratio Lower Upper
43 100
58 50.1 45.4 68.0
57 26.5 15.9 23.9#
100 10.0 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.168 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038574.D

Acq: 05 Jun 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

F9D61

Tot Ion: 75 Resp: 17068

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2

