

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038627.D
 Acq On : 06 Jun 2020 19:11
 Operator : SY/MD
 Sample : L2912-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D25

Quant Time: Jun 07 04:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317649	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	153627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63155	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.93	69	62698	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.59	63	112131	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	350491	56.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.24%
24) Chloroform-d	5.10	84	180832	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	105561	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	350734	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	111006	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	291512	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	43731	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.65	63	297024	59.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105516	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	129156	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

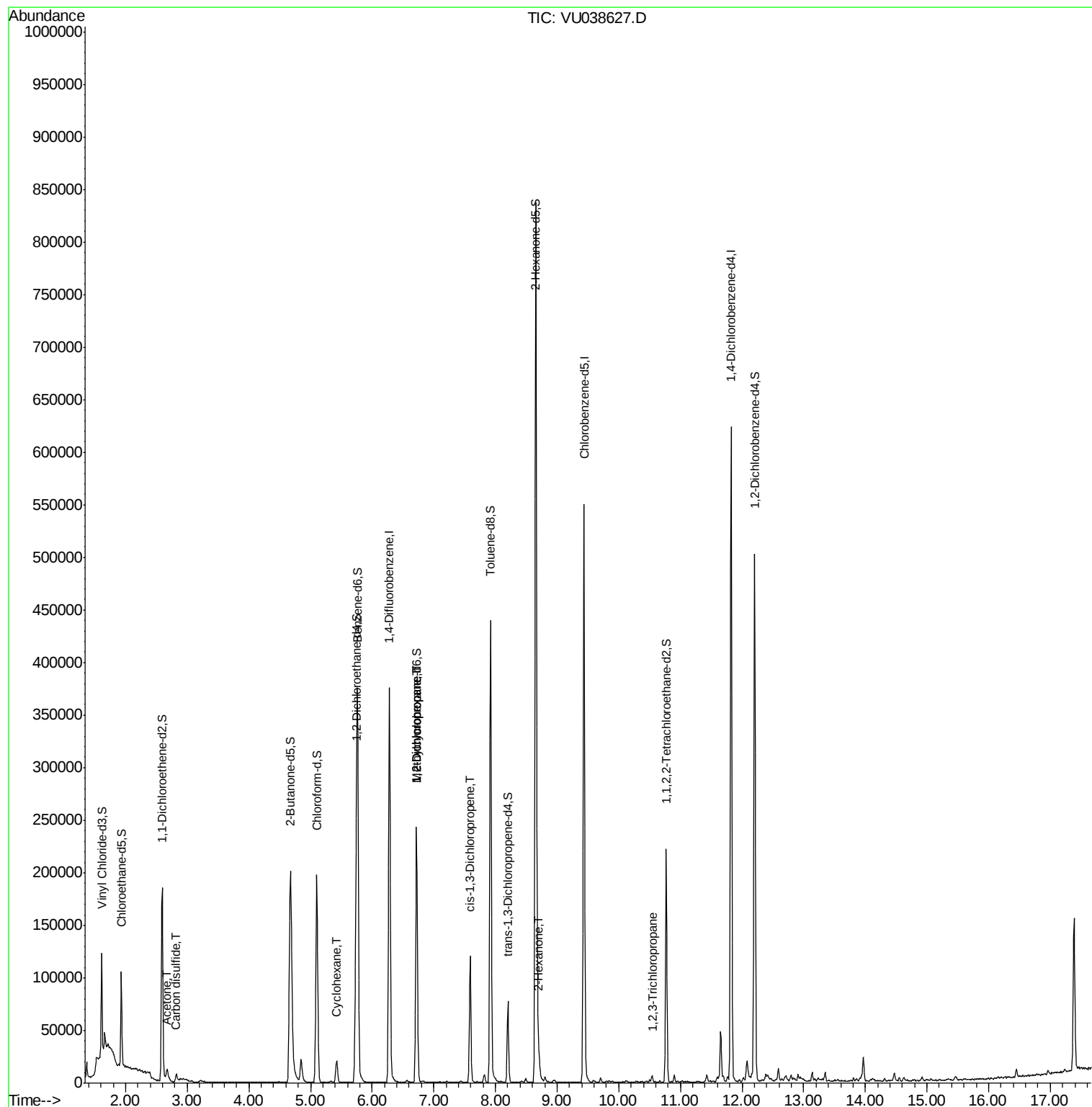
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	18188	4.450	ug/L	98
14) Carbon disulfide	2.82	76	9502	0.143	ug/L	98
30) Cyclohexane	5.42	56	10753	0.315	ug/L	94
35) Methylcyclohexane	6.72	83	27785	0.805	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12366	0.572	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2974	0.093	ug/L #	63
48) 2-Hexanone	8.70	43	11012	0.941	ug/L #	89
59) 1,2,3-Trichloropropane	10.54	75	1366	0.085	ug/L	99

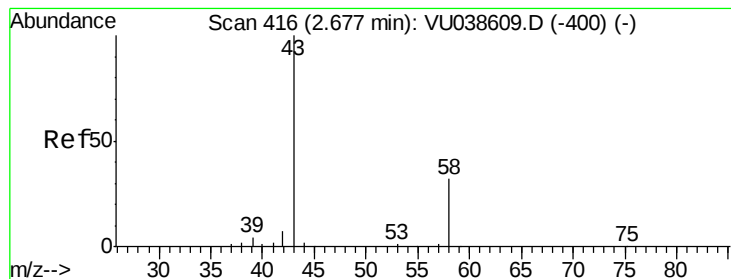
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 04:01:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.450 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038627.D

Acq: 06 Jun 2020 19:11

Instrument :

MSVOA_U

ClientSampleId :

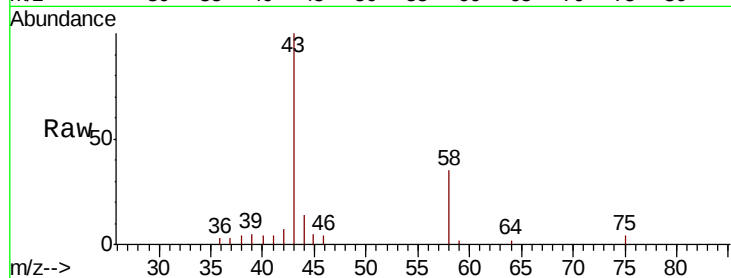
F9D25

Tot Ion: 43 Resp: 18188

Ion Ratio Lower Upper

43 100

58 34.1 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038609.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038609.D (-400) (-)

2.67

6000

4000

2000

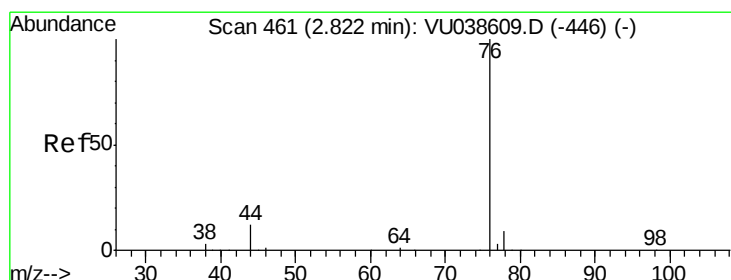
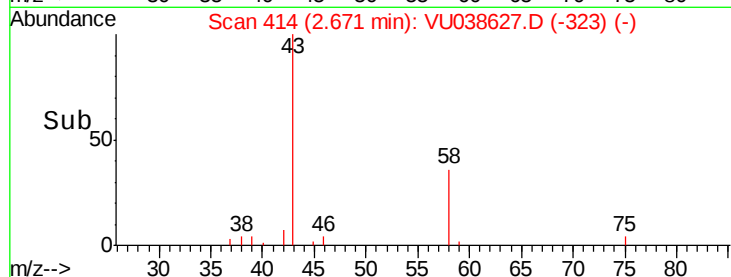
0

Time-->

2.60

2.70

2.80



#14

Carbon disulfide

Concen: 0.143 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038627.D

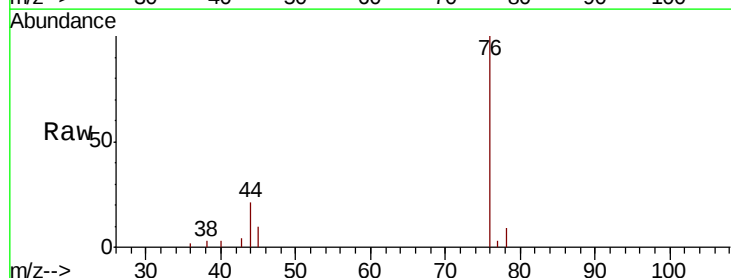
Acq: 06 Jun 2020 19:11

Tgt Ion: 76 Resp: 9502

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038609.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038609.D (-446) (-)

2.82

6000

4000

2000

0

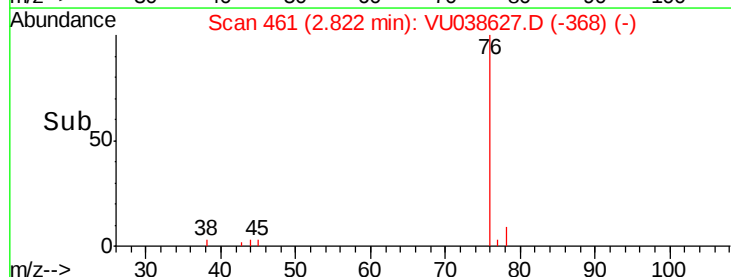
Time-->

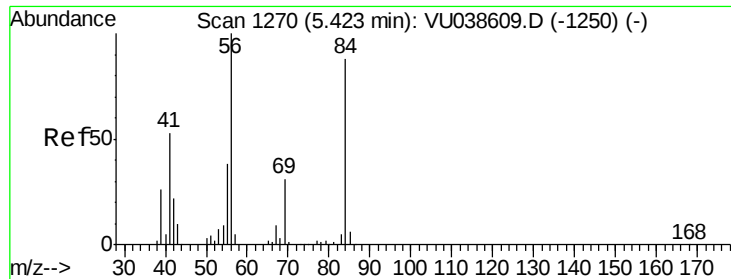
2.75

2.80

2.85

2.90

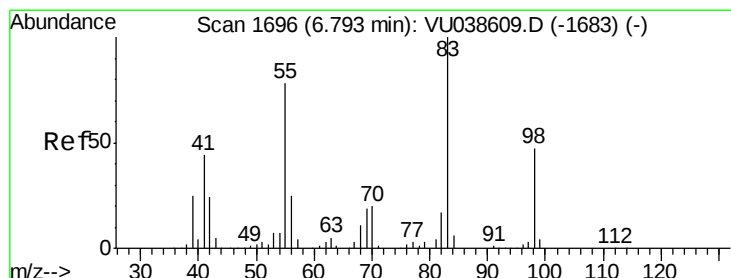
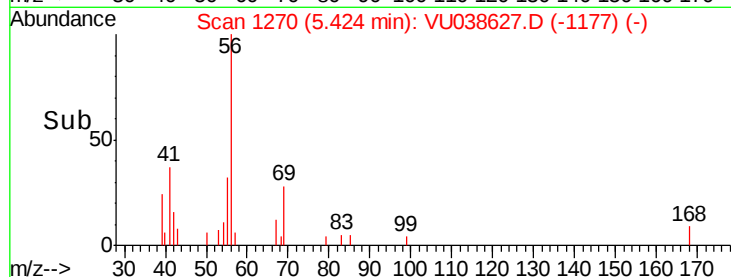
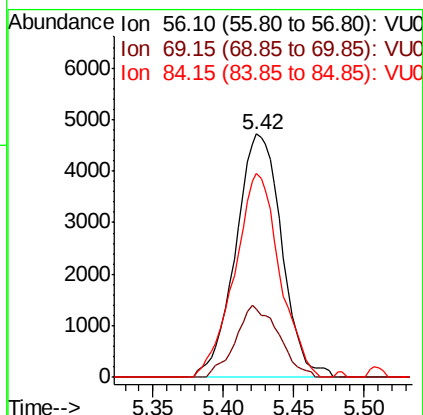
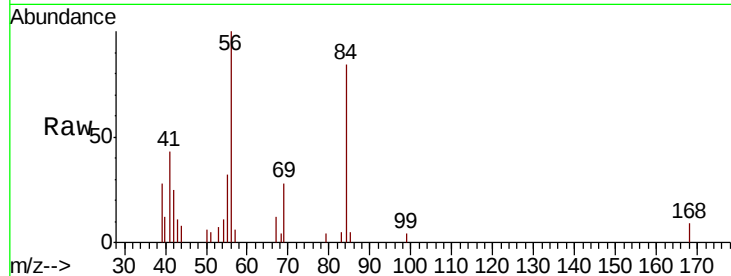




#30
Cyclohexane
Concen: 0.315 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038627.D
Acq: 06 Jun 2020 19:11

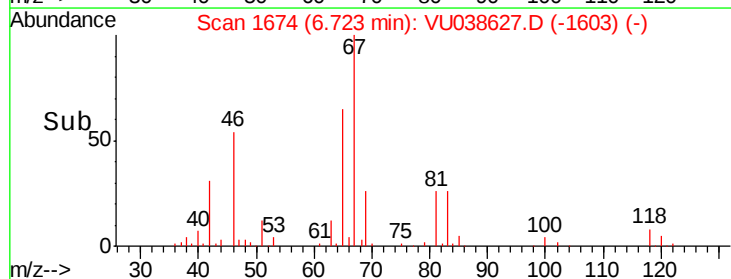
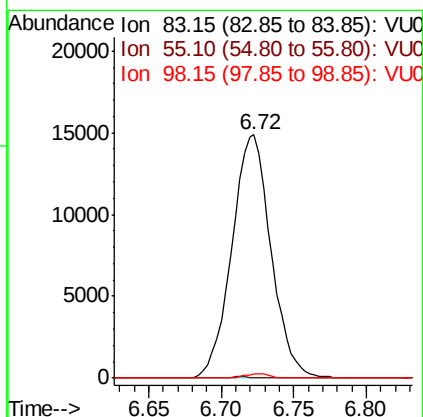
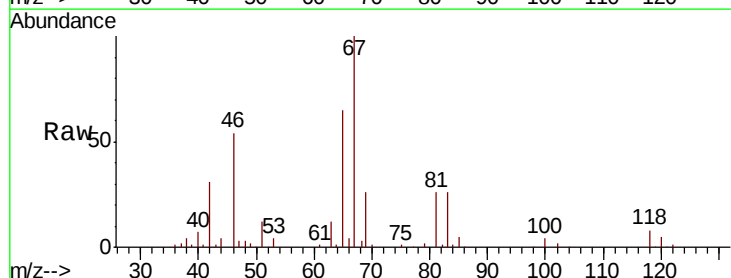
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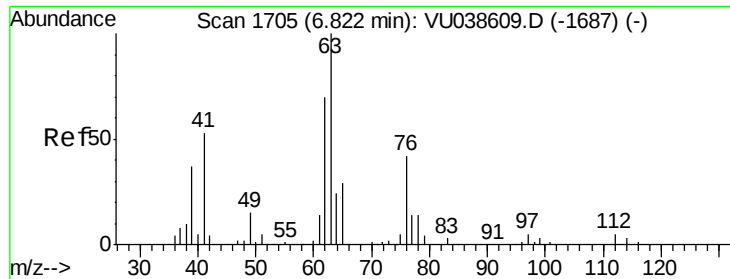
Tot Ion: 56 Resp: 10753
Ion Ratio Lower Upper
56 100
69 27.8 24.2 36.4
84 82.1 70.8 106.2



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038627.D
Acq: 06 Jun 2020 19:11

Tgt Ion: 83 Resp: 27785
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.1 39.0 58.4#

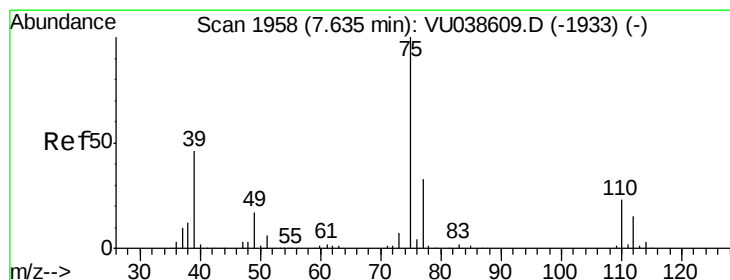
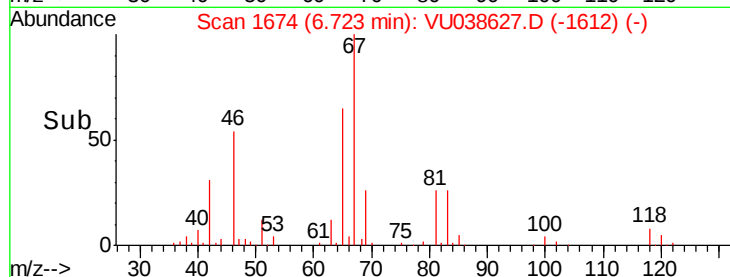
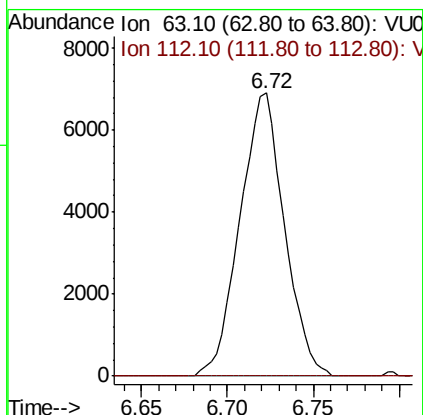
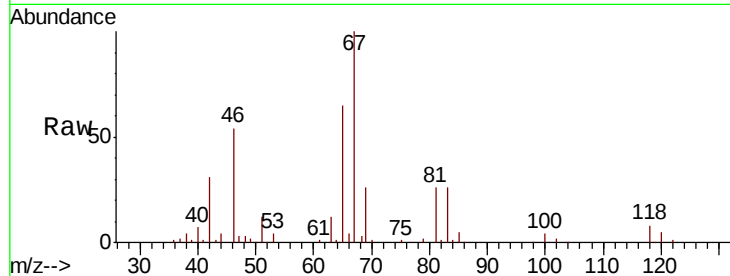




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038627.D
 Acq: 06 Jun 2020 19:11

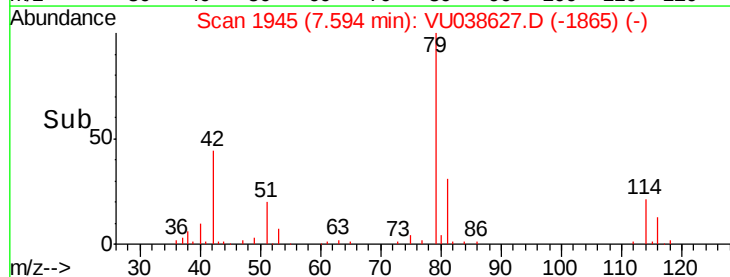
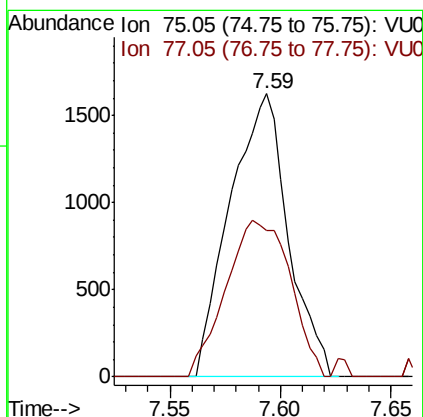
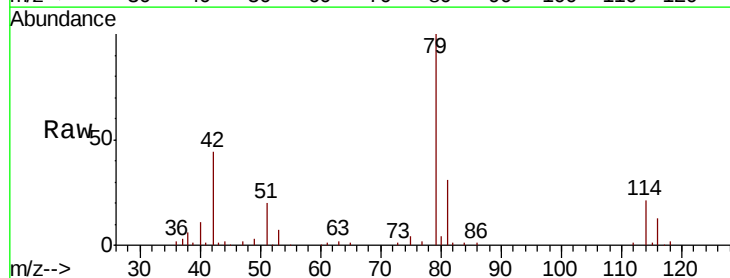
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 ClientSampleId :
 F9D25

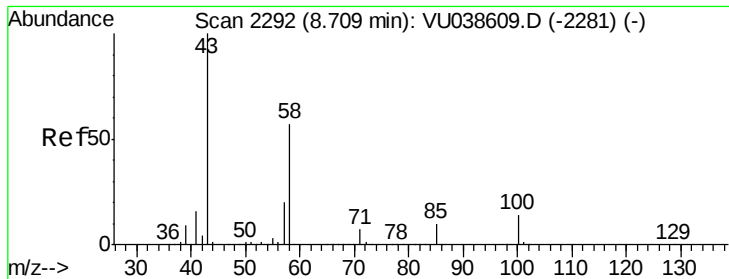
Tot Ion: 63 Resp: 12366
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038627.D
 Acq: 06 Jun 2020 19:11

Tgt Ion: 75 Resp: 2974
 Ion Ratio Lower Upper
 75 100
 77 51.9 21.9 40.7#

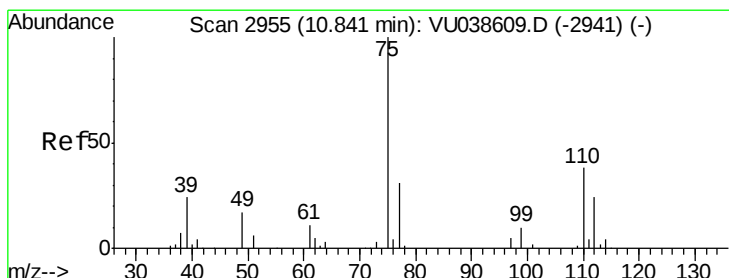
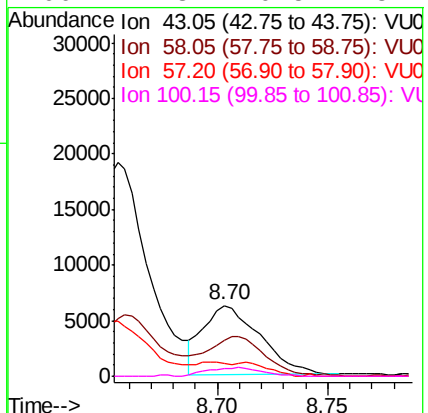
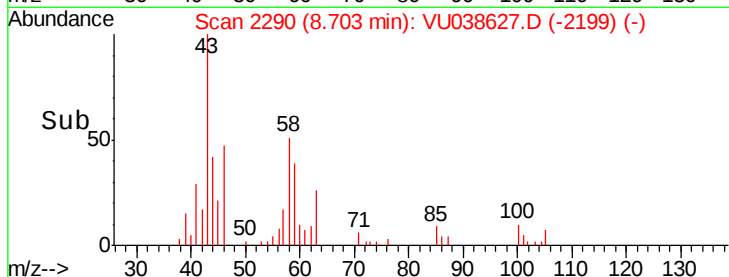
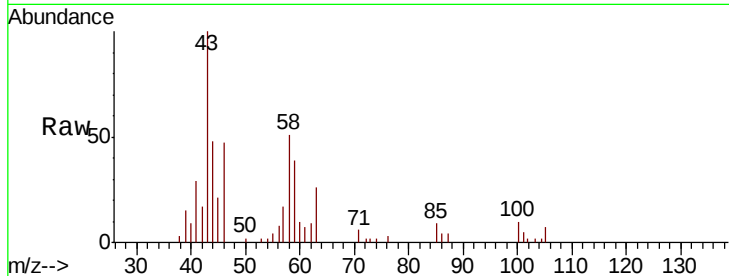




#48
2-Hexanone
Concen: 0.941 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038627.D
Acq: 06 Jun 2020 19:11

Instrument :
MSVOA_U
ClientSampleId :
F9D25

Tot Ion: 43 Resp: 11012
Ion Ratio Lower Upper
43 100
58 59.7 45.4 68.0
57 2.7 15.9 23.9#
100 12.3 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 0.085 ug/L
RT: 10.54 min Scan# 2861
Delta R.T. -0.30 min
Lab File: VU038627.D
Acq: 06 Jun 2020 19:11

Tgt Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

