

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038579.D
 Acq On : 05 Jun 2020 17:39
 Operator : SY/MD
 Sample : L2860-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D66

Quant Time: Jun 06 00:16:15 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	295575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64063	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.93	69	59069	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	106200	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.68	46	297950	51.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	5.10	84	162606	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	96257	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	316140	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	101073	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.92	98	270662	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.20	79	37597	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.65	63	246136	52.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90542	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	114381	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

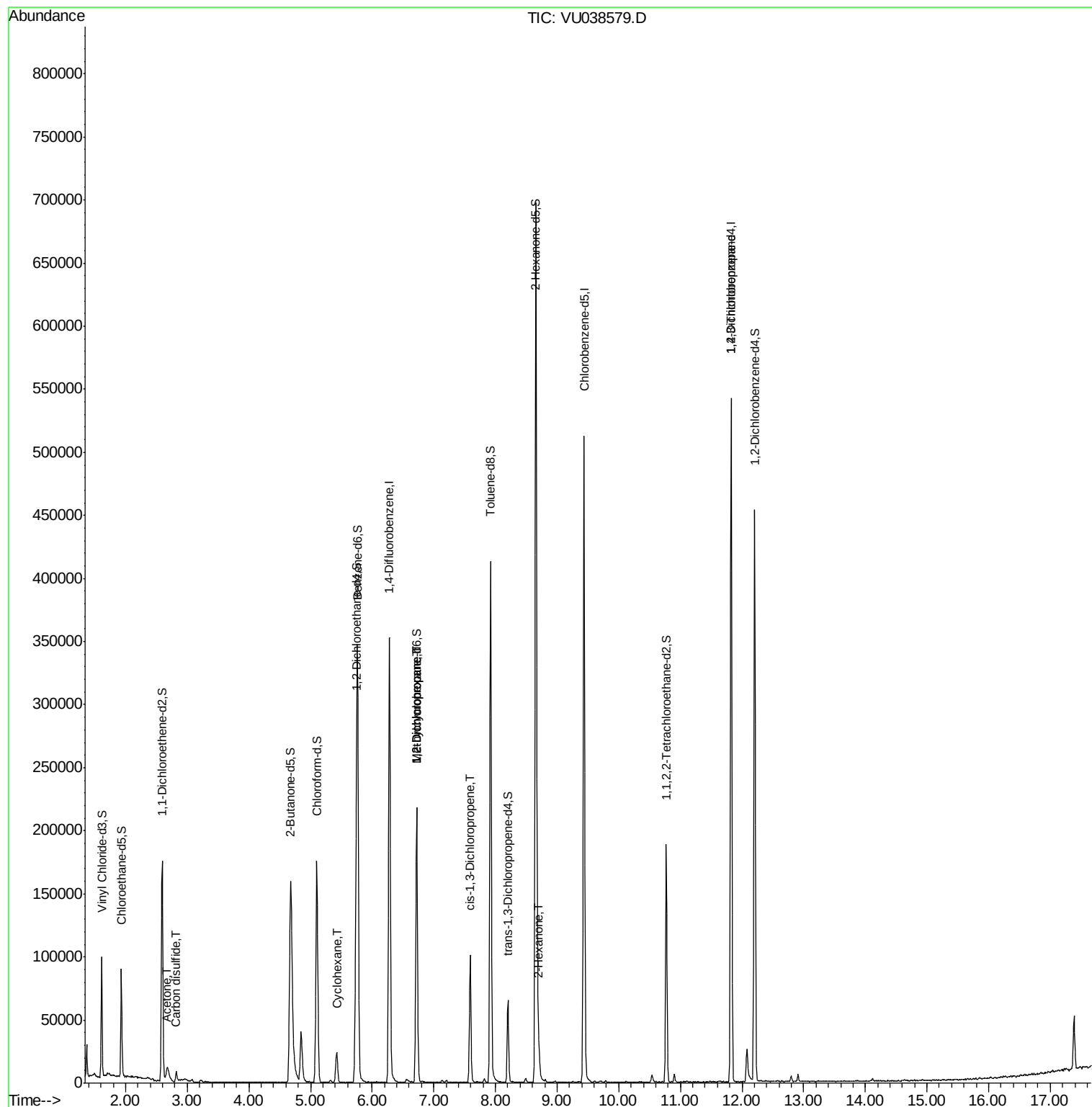
					Ovalue
13) Acetone	2.67	43	24058	6.326	ug/L 97
14) Carbon disulfide	2.82	76	10304	0.167	ug/L 97
30) Cyclohexane	5.43	56	12193	0.381	ug/L 94
35) Methylcyclohexane	6.72	83	23753	0.735	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	10864	0.537	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2647	0.089	ug/L # 64
48) 2-Hexanone	8.70	43	11540	1.053	ug/L # 89
59) 1,2,3-Trichloropropane	11.82	75	17147	1.135	ug/L 92

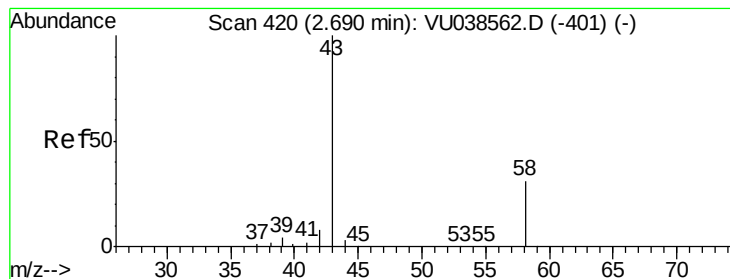
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.326 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

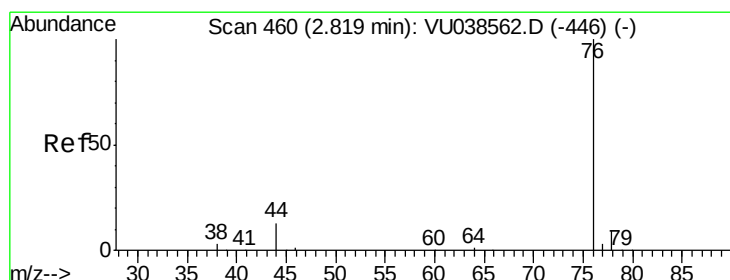
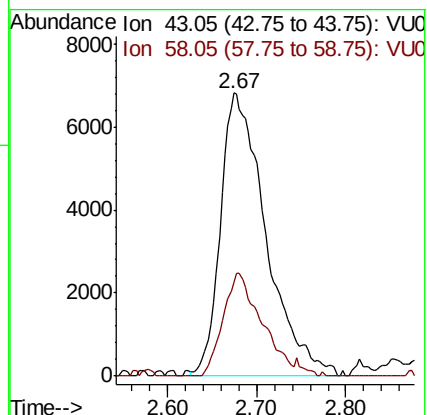
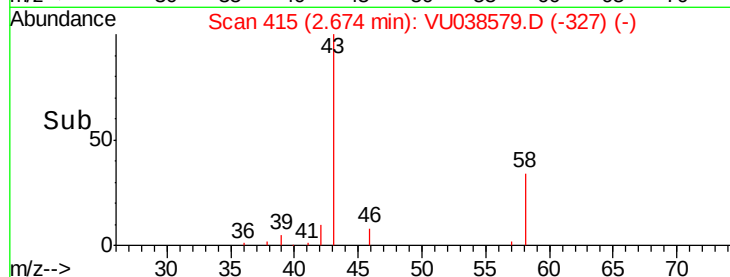
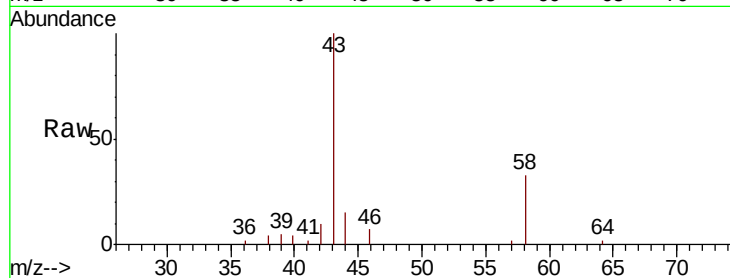
F9D66

Tot Ion: 43 Resp: 24058

Ion Ratio Lower Upper

43 100

58 30.9 0.0 65.6



#14

Carbon disulfide

Concen: 0.167 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038579.D

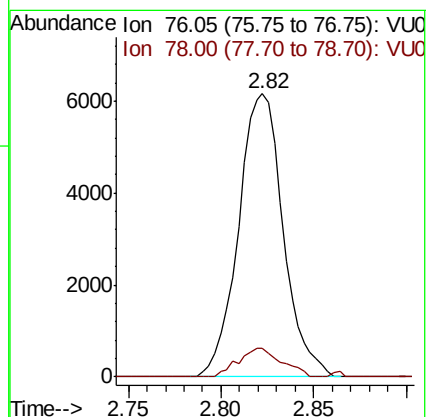
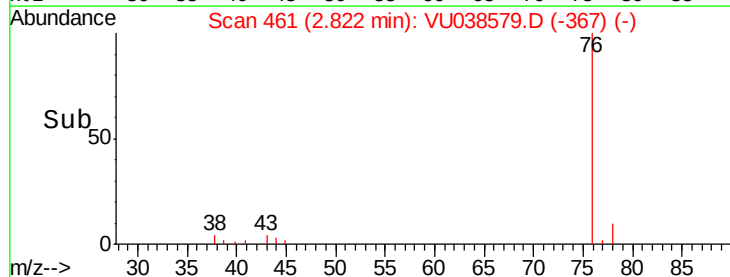
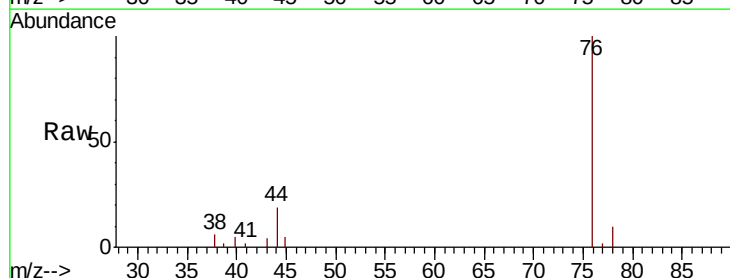
Acq: 05 Jun 2020 17:39

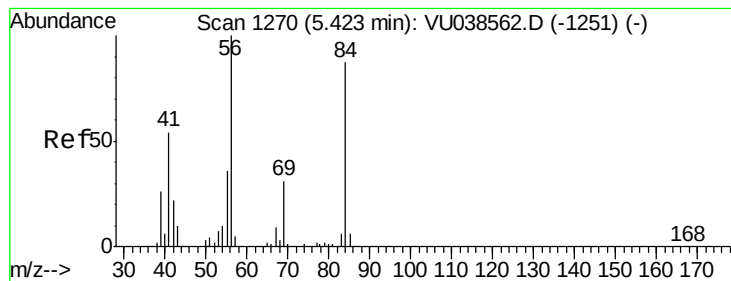
Tgt Ion: 76 Resp: 10304

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9





#30

Cyclohexane

Concen: 0.381 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038579.D

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Instrument :

MSVOA_U

ClientSampleId :

F9D66

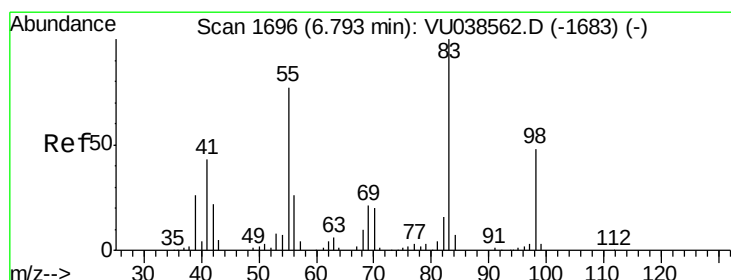
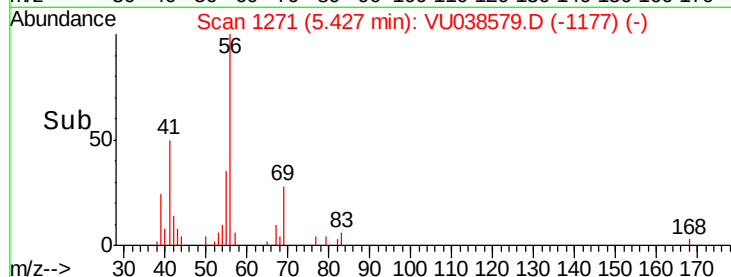
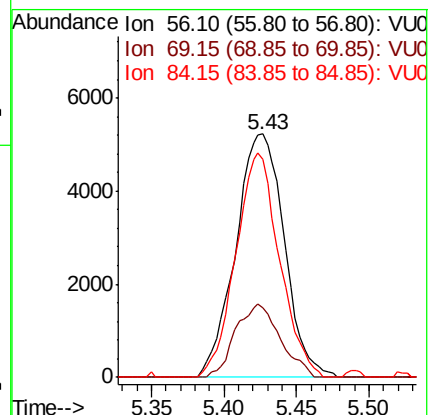
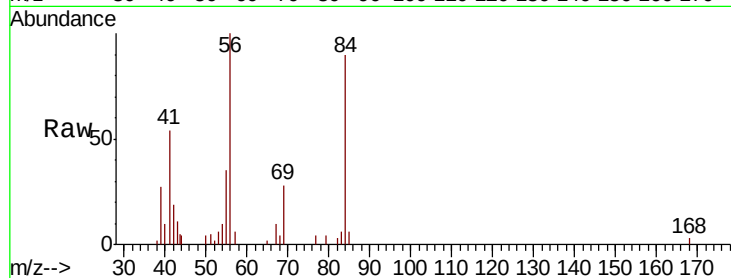
Tot Ion: 56 Resp: 12193

Ion Ratio Lower Upper

56 100

69 27.5 24.2 36.4

84 83.0 70.8 106.2



#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038579.D

Acq: 05 Jun 2020 17:39

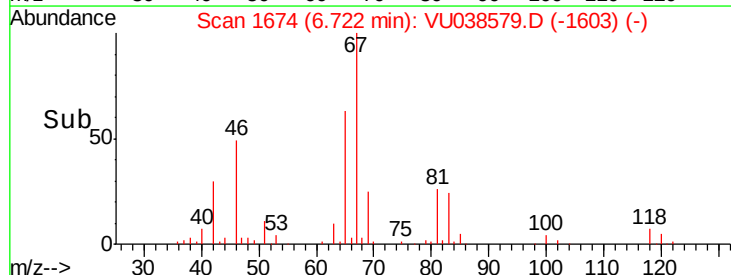
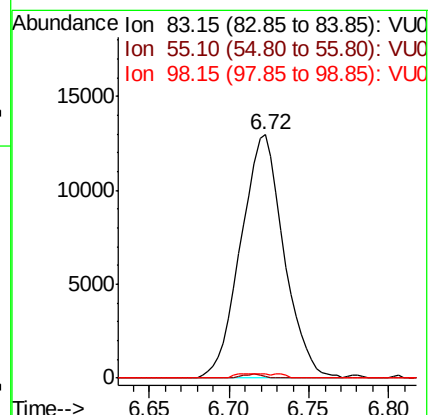
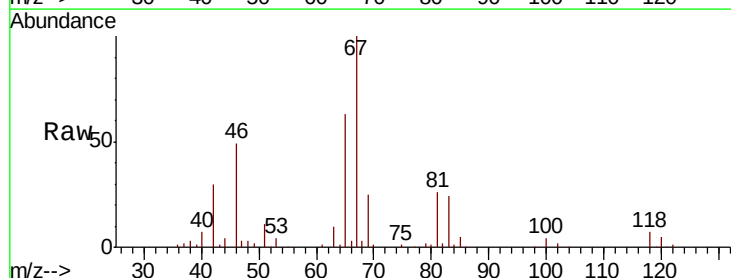
Tgt Ion: 83 Resp: 23753

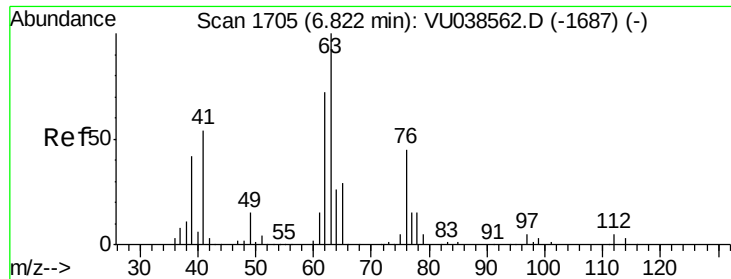
Ion Ratio Lower Upper

83 100

55 0.7 63.4 95.2#

98 1.1 39.0 58.4#

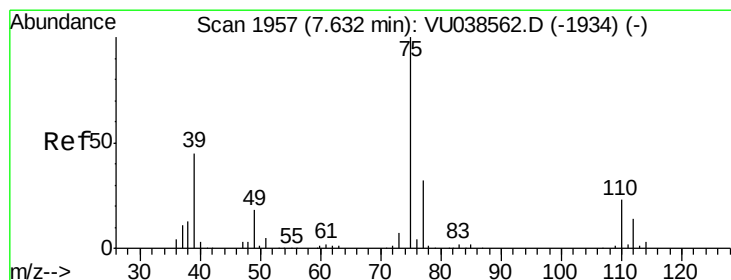
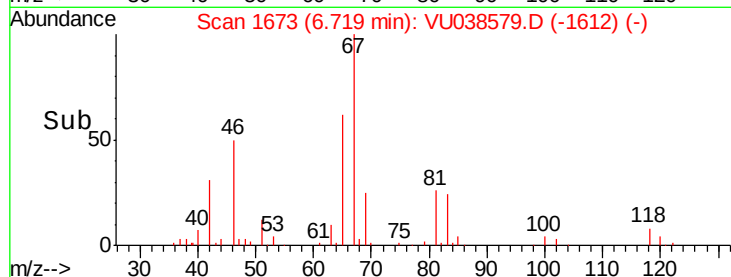
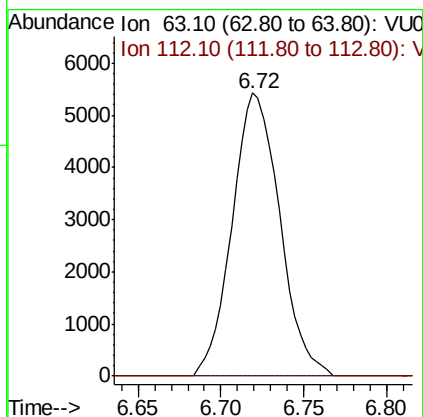
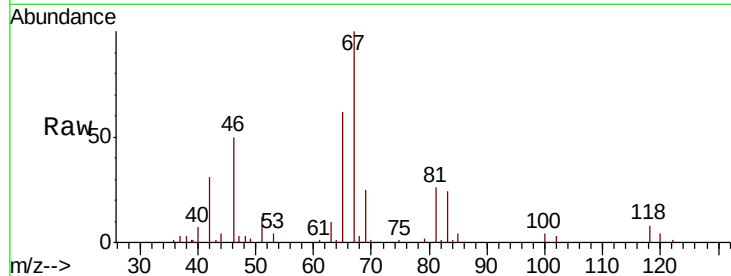




#37
 1,2-Dichloropropane
 Concen: 0.537 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038579.D
 Acq: 05 Jun 2020 17:39

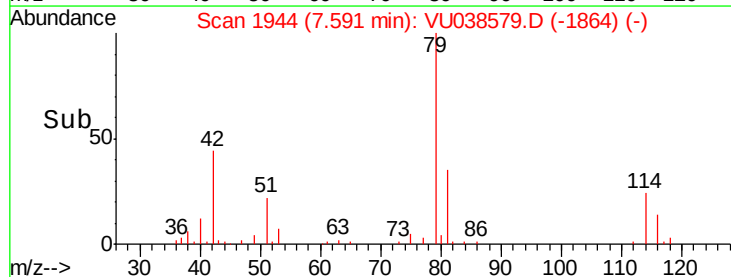
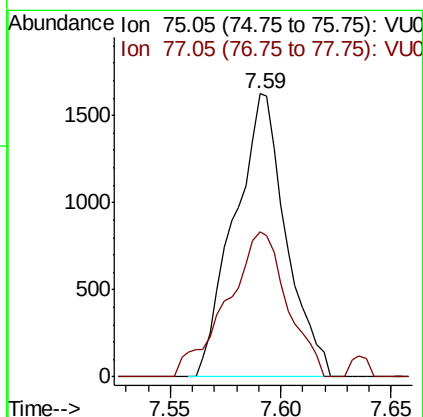
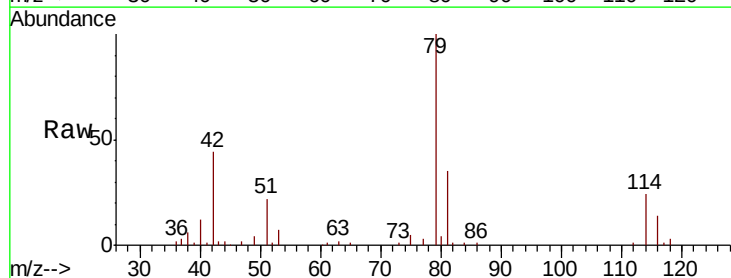
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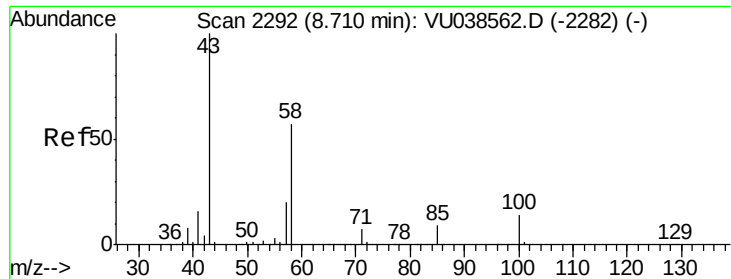
Tot Ion: 63 Resp: 10864
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038579.D
 Acq: 05 Jun 2020 17:39

Tgt Ion: 75 Resp: 2647
 Ion Ratio Lower Upper
 75 100
 77 51.3 21.9 40.7#

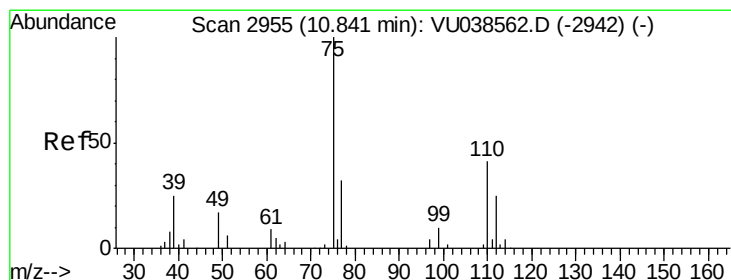
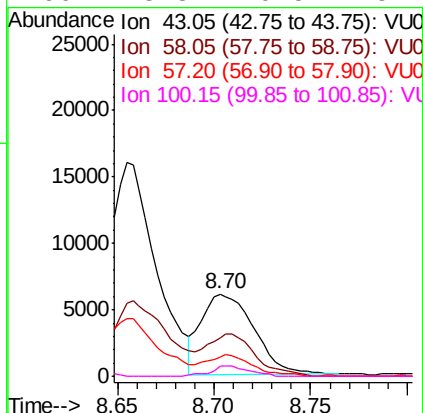
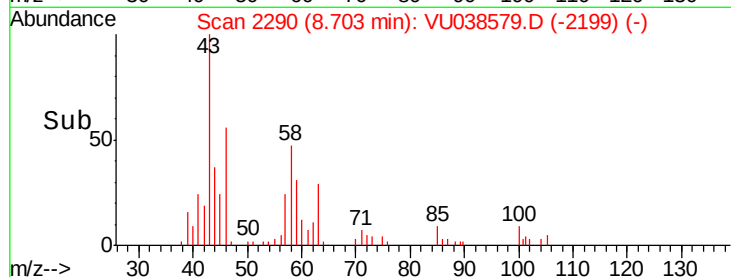
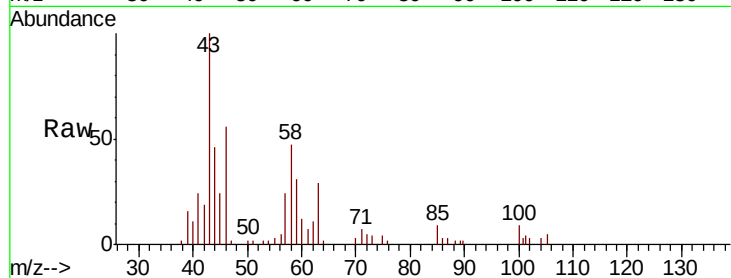




#48
2-Hexanone
Concen: 1.053 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038579.D
Acq: 05 Jun 2020 17:39

Instrument :
MSVOA_U
ClientSampleId :
F9D66

Tot Ion: 43 Resp: 11540
Ion Ratio Lower Upper
43 100
58 47.9 45.4 68.0
57 23.2 15.9 23.9
100 8.8 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.135 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038579.D
Acq: 05 Jun 2020 17:39

Tgt Ion: 75 Resp: 17147
Ion Ratio Lower Upper
75 100
77 36.4 25.4 38.2

