

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038567.D
 Acq On : 05 Jun 2020 13:02
 Operator : SY/MD
 Sample : L2860-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D54

Quant Time: Jun 06 00:14:46 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	294736	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	137111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68091	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.93	69	60302	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.59	63	110506	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.68	46	298780	51.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	5.10	84	162411	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.74	65	97594	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	321235	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.72	67	103055	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	266304	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	38185	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.65	63	249466	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92288	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	114408	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

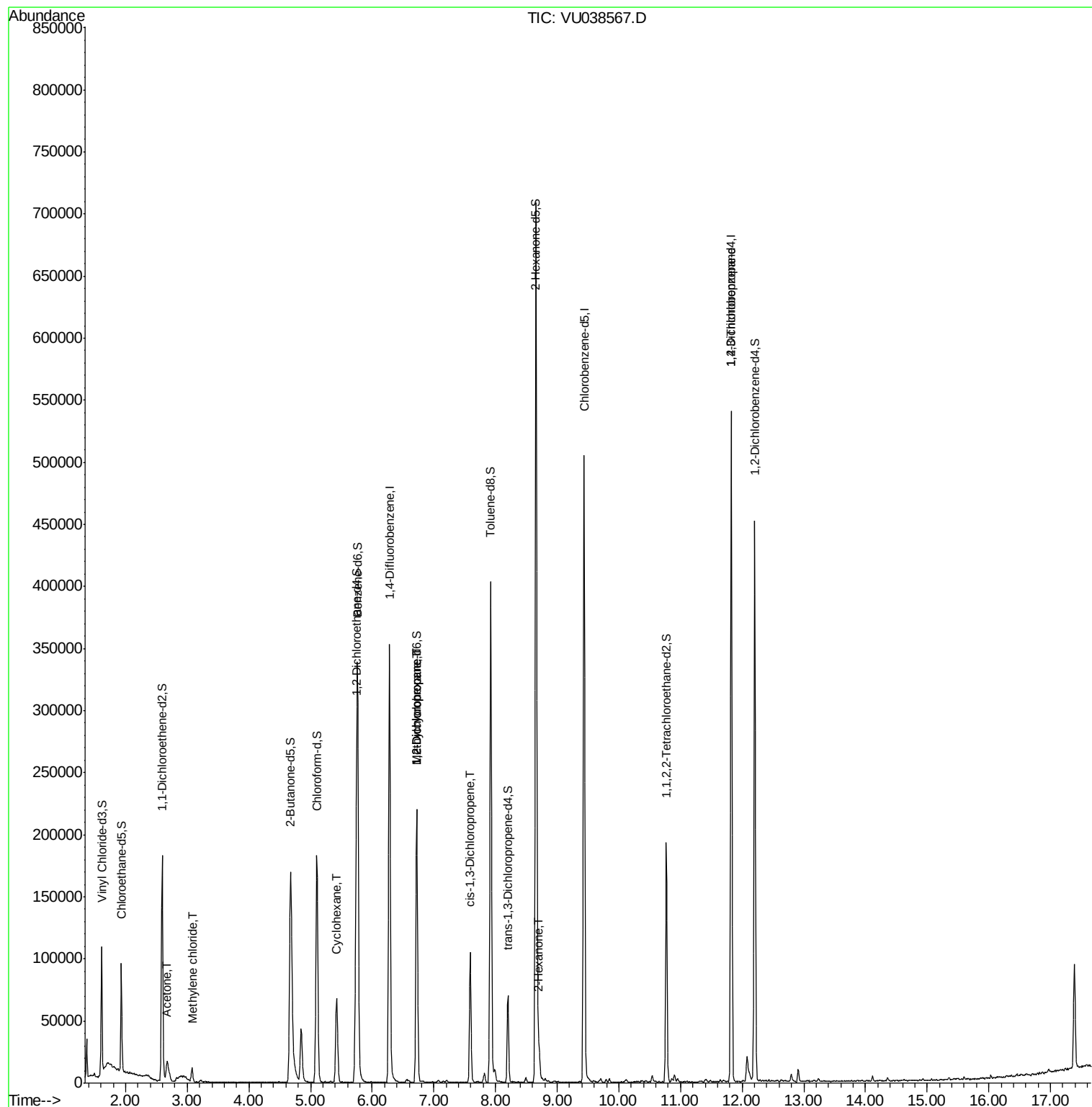
					Ovalue
13) Acetone	2.67	43	29222	7.706	ug/L 99
16) Methylene chloride	3.08	84	5164	0.251	ug/L 88
30) Cyclohexane	5.42	56	32719	1.027	ug/L 96
35) Methylcyclohexane	6.72	83	24601	0.765	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11079	0.550	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2838	0.095	ug/L # 49
48) 2-Hexanone	8.71	43	11595	1.063	ug/L 97
59) 1,2,3-Trichloropropane	11.82	75	17283	1.150	ug/L 93

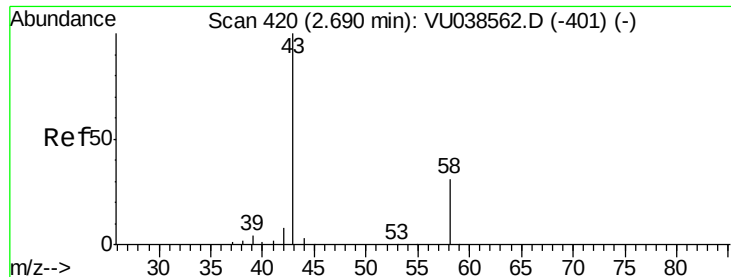
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 7.706 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

Lab File: VU038567.D

Acq: 05 Jun 2020 13:02

Instrument :

MSVOA_U

ClientSampled :

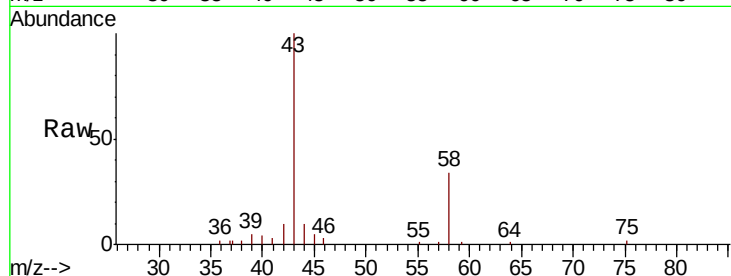
F9D54

Tot Ion: 43 Resp: 29222

Ion Ratio Lower Upper

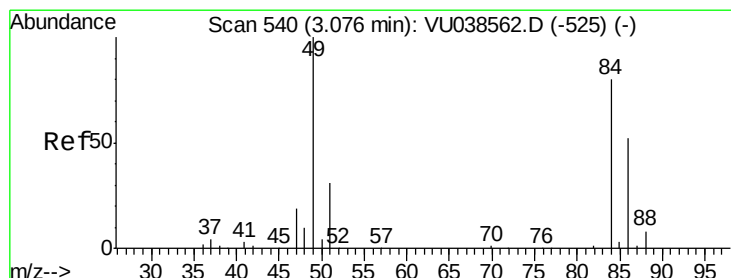
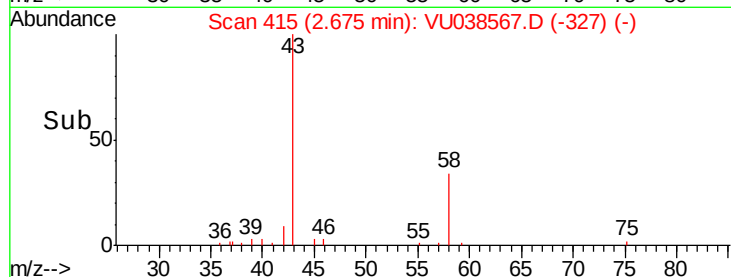
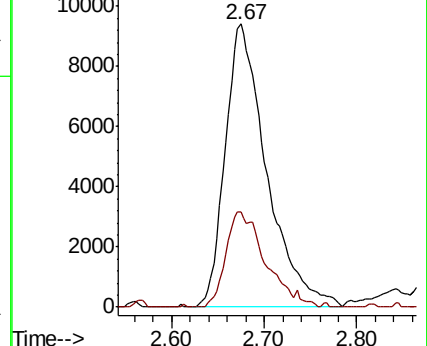
43 100

58 32.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038567.D (-415) (-)

Ion 58.05 (57.75 to 58.75): VU038567.D (-415) (-)



#16

Methylene chloride

Concen: 0.251 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038567.D

Acq: 05 Jun 2020 13:02

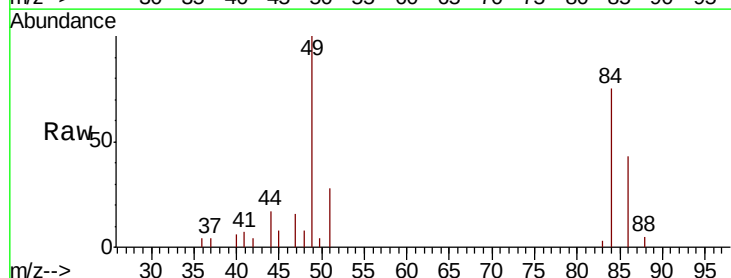
Tgt Ion: 84 Resp: 5164

Ion Ratio Lower Upper

84 100

86 57.0 45.0 83.6

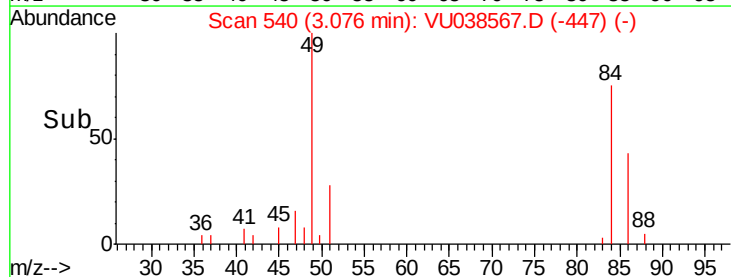
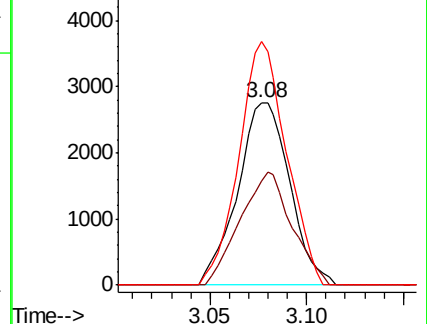
49 138.1 85.5 158.9

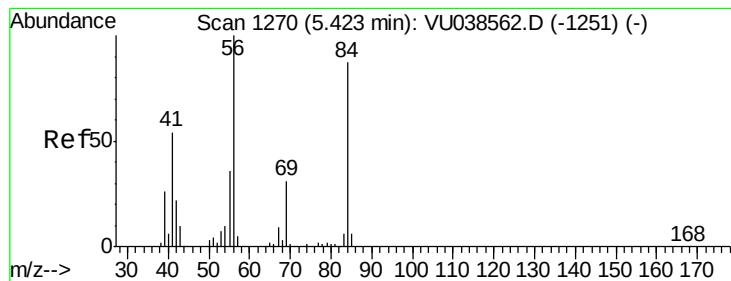


Abundance Ion 84.05 (83.75 to 84.75): VU038567.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU038567.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU038567.D (-540) (-)





#30

Cyclohexane

Concen: 1.027 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038567.D

Acq: 05 Jun 2020 13:02

Instrument :

MSVOA_U

ClientSampleId :

F9D54

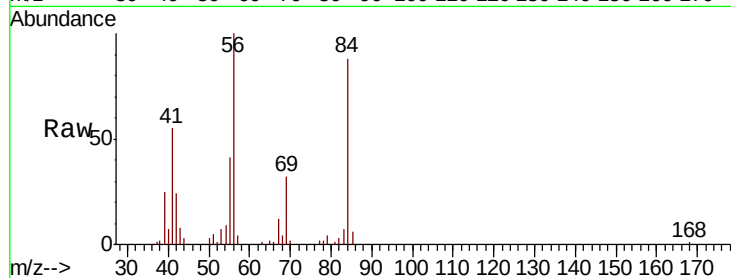
Tot Ion: 56 Resp: 32719

Ion Ratio Lower Upper

56 100

69 32.2 24.2 36.4

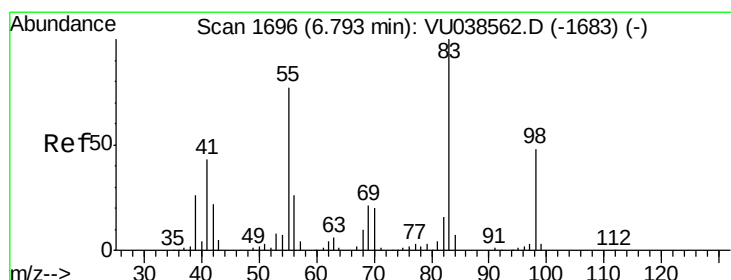
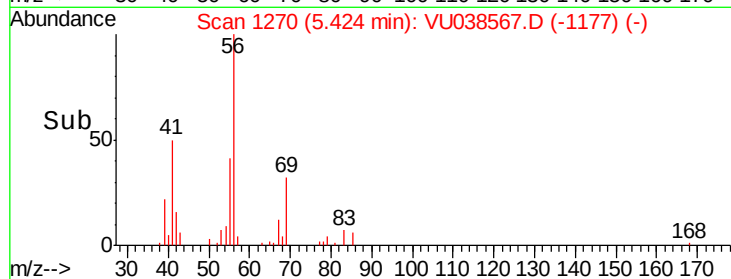
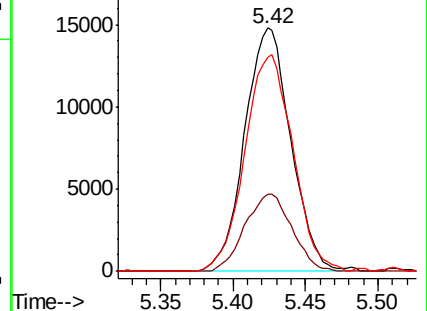
84 92.6 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038567.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038567.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038567.D (-1177) (-)



#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038567.D

Acq: 05 Jun 2020 13:02

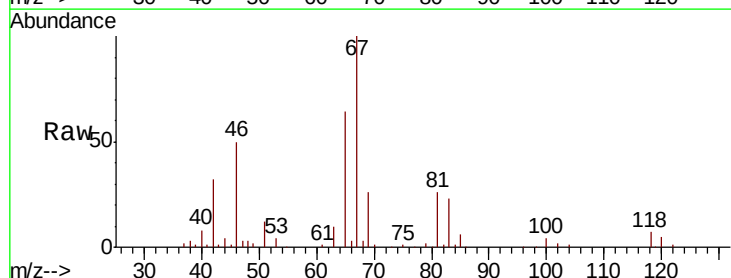
Tgt Ion: 83 Resp: 24601

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

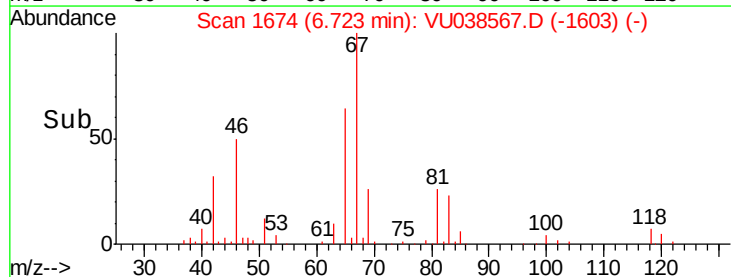
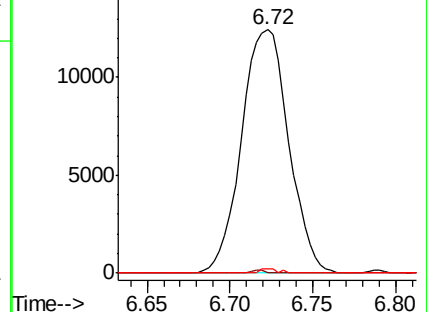
98 0.6 39.0 58.4#

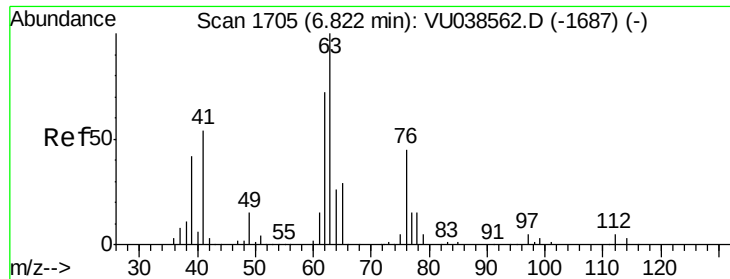


Abundance Ion 83.15 (82.85 to 83.85): VU038567.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038567.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038567.D (-1603) (-)

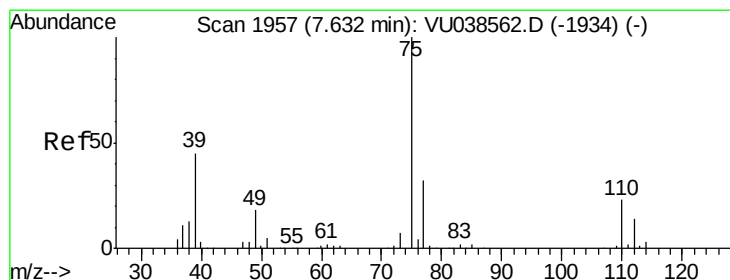
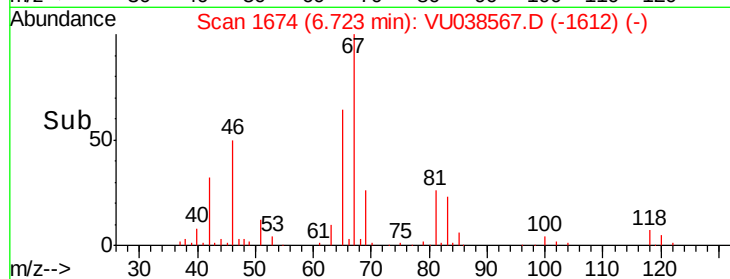
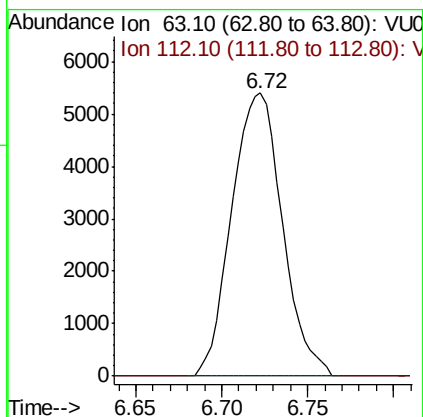
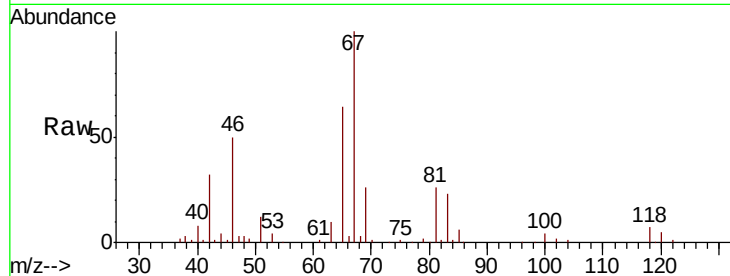




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038567.D
 Acq: 05 Jun 2020 13:02

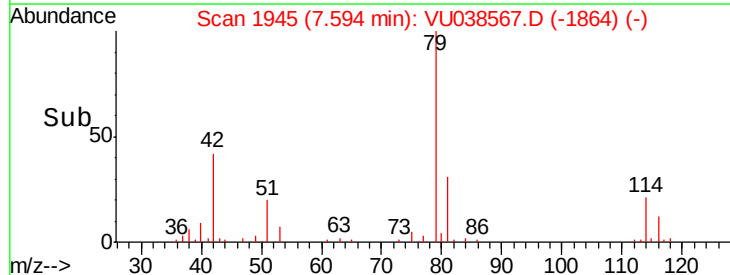
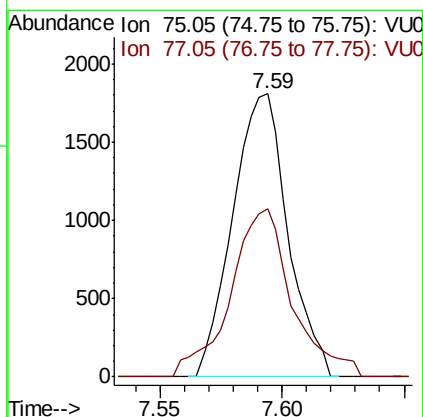
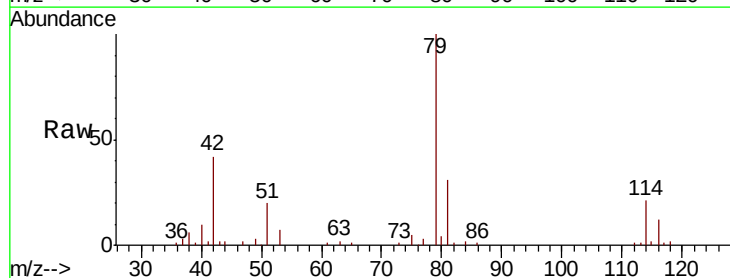
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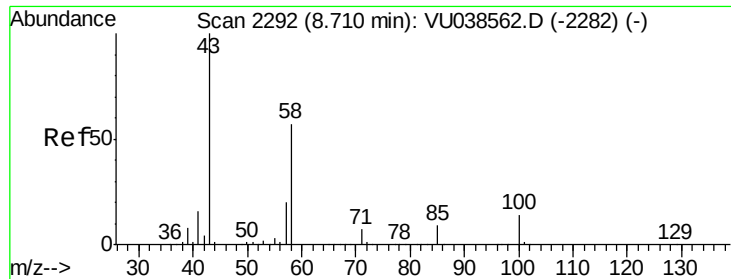
Tot Ion: 63 Resp: 11079
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038567.D
 Acq: 05 Jun 2020 13:02

Tgt Ion: 75 Resp: 2838
 Ion Ratio Lower Upper
 75 100
 77 59.6 21.9 40.7#

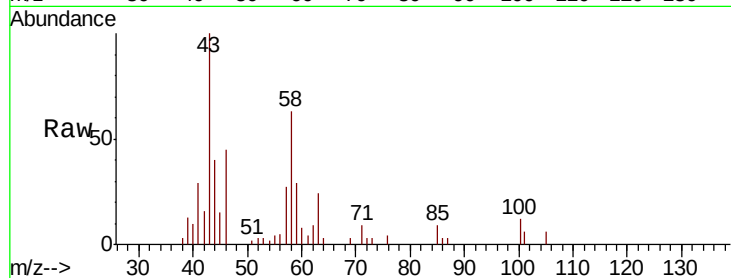




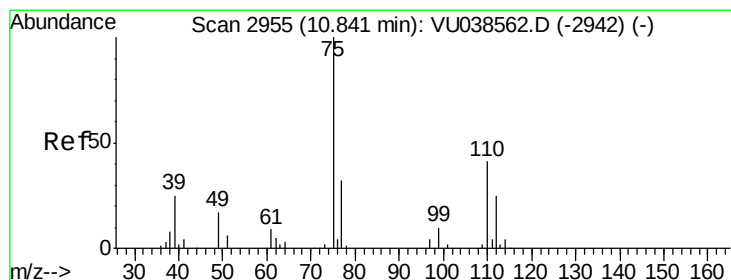
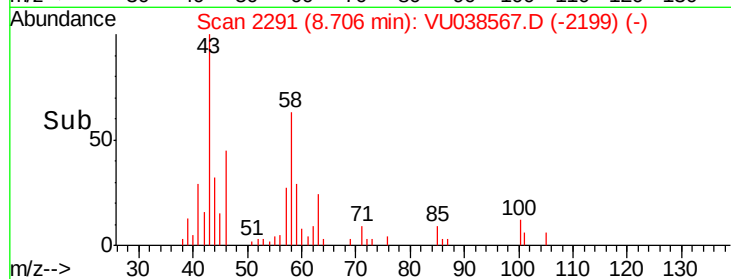
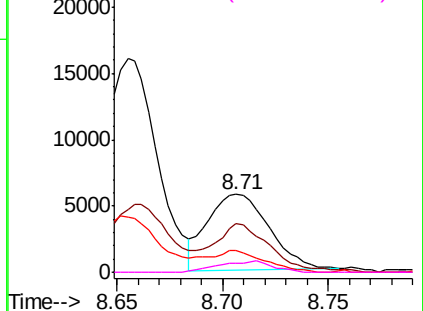
#48
2-Hexanone
Concen: 1.063 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038567.D
Acq: 05 Jun 2020 13:02

Instrument :
MSVOA_U
ClientSampleId :
F9D54

Tot Ion:	43	Resp:	11595
Ion	Ratio	Lower	Upper
43	100		
58	58.8	45.4	68.0
57	21.5	15.9	23.9
100	13.0	10.5	15.7

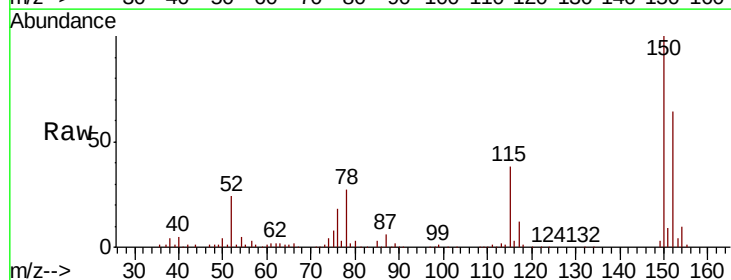


Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-2282) (-)
Ion 58.05 (57.75 to 58.75): VU038562.D (-2282) (-)
Ion 57.20 (56.90 to 57.90): VU038562.D (-2282) (-)
Ion 100.15 (99.85 to 100.85): VU038562.D (-2282) (-)



#59
1,2,3-Trichloropropane
Concen: 1.150 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038567.D
Acq: 05 Jun 2020 13:02

Tgt Ion:	75	Resp:	17283
Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.4	38.2



Abundance Ion 75.00 (74.70 to 75.70): VU038562.D (-2942) (-)
Ion 77.00 (76.70 to 77.70): VU038562.D (-2942) (-)

