

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038628.D
 Acq On : 06 Jun 2020 19:35
 Operator : SY/MD
 Sample : L2912-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D39

Quant Time: Jun 07 04:05:27 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	315330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63975	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.93	69	62918	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	110272	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.67	46	352107	56.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.58%
24) Chloroform-d	5.10	84	179099	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.74	65	107129	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	349337	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	113473	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.92	98	288864	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.20	79	43183	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.65	63	302422	59.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106122	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	129228	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

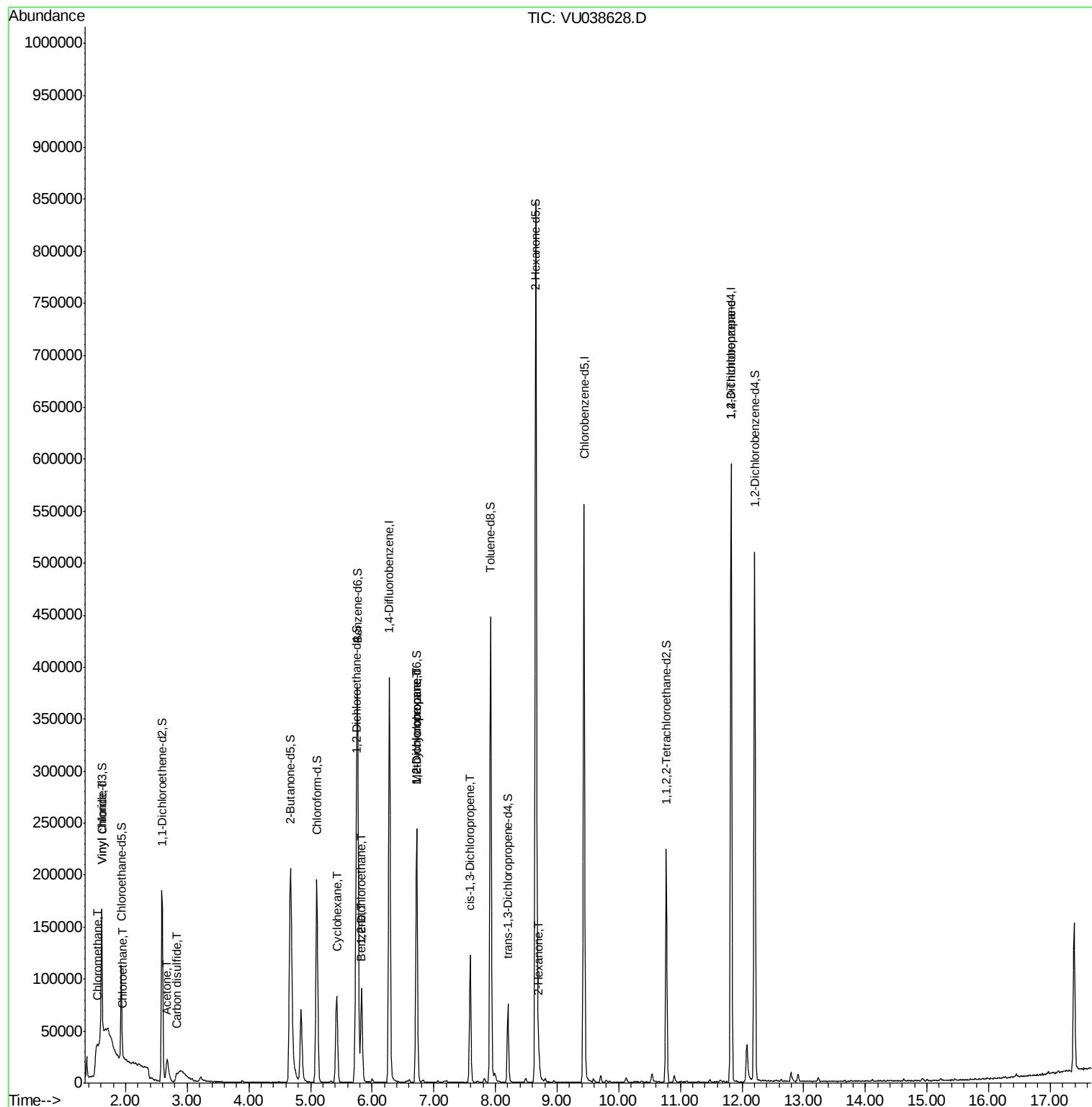
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2087	0.091	ug/L #	78
5) Vinyl chloride	1.62	62	18115	0.741	ug/L #	1
8) Chloroethane	1.96	64	1237	0.084	ug/L #	54
13) Acetone	2.67	43	39042	9.623	ug/L	96
14) Carbon disulfide	2.83	76	6688	0.101	ug/L	98
27) 1,2-Dichloroethane	5.83	62	71643	2.675	ug/L	100
30) Cyclohexane	5.42	56	41075	1.179	ug/L	97
33) Benzene	5.81	78	9109	0.104	ug/L	100
35) Methylcyclohexane	6.72	83	27419	0.779	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12962	0.588	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2809	0.086	ug/L #	48
48) 2-Hexanone	8.71	43	12223	1.024	ug/L #	86
59) 1,2,3-Trichloropropane	11.82	75	18860	1.147	ug/L	94

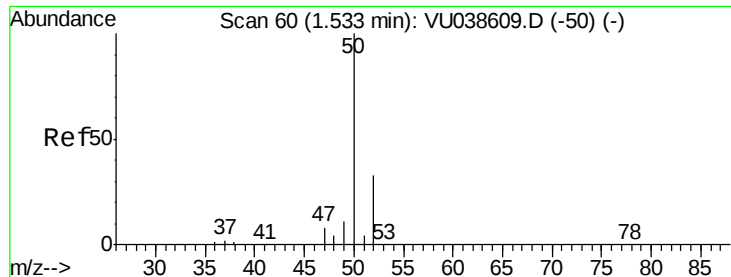
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

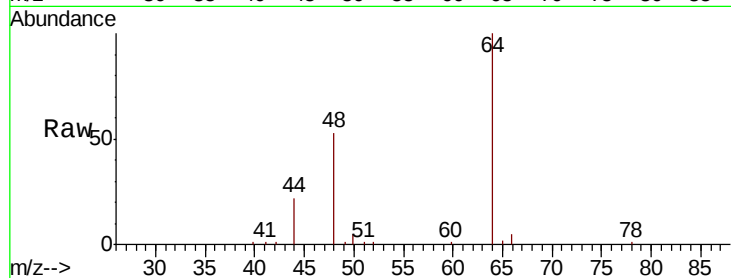
F9D39

Tot Ion: 50 Resp: 2087

Ion Ratio Lower Upper

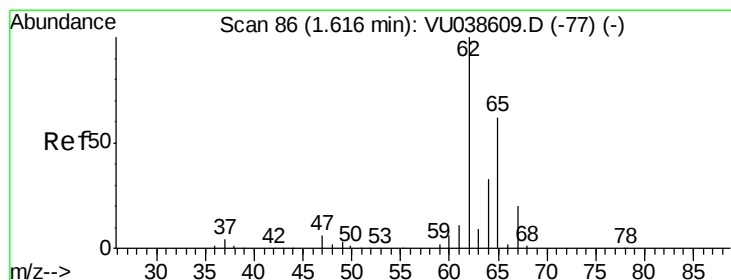
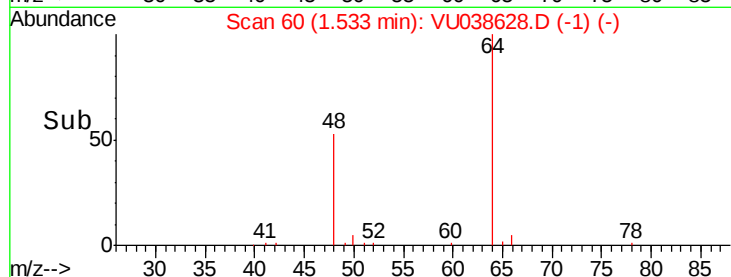
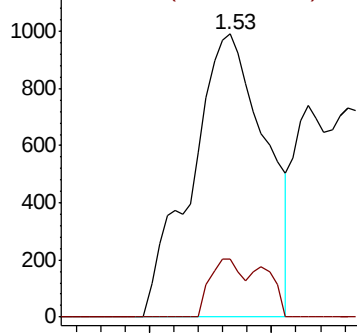
50 100

52 20.5 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.741 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038628.D

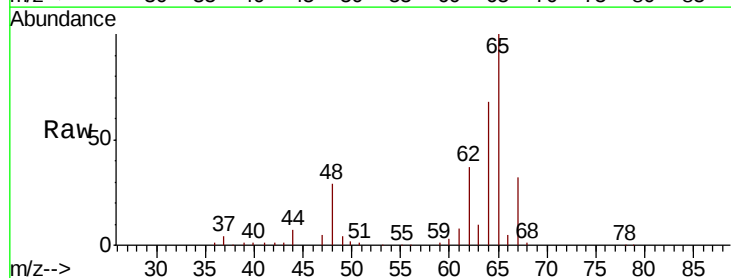
Acq: 06 Jun 2020 19:35

Tgt Ion: 62 Resp: 18115

Ion Ratio Lower Upper

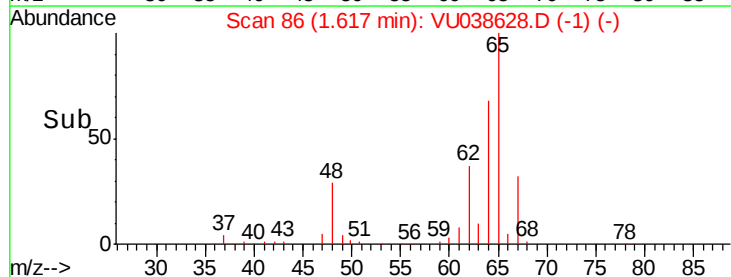
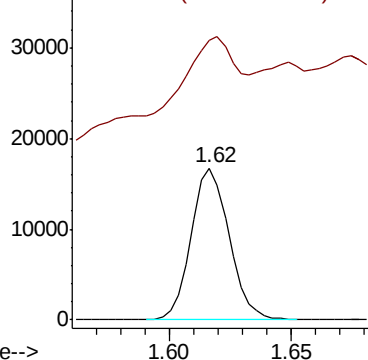
62 100

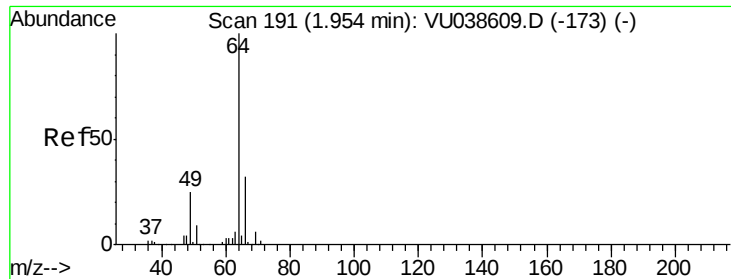
64 184.1 23.7 43.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.96 min Scan# 194

Delta R.T. 0.01 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

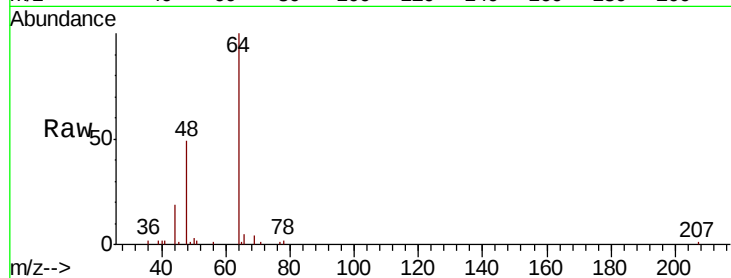
F9D39

Tot Ion: 64 Resp: 1237

Ion Ratio Lower Upper

64 100

66 5.3 21.5 39.9#



Abundance Ion 64.10 (63.80 to 64.80): VU038609.D (-173) (-)

Ion 66.05 (65.75 to 66.75): VU038609.D (-173) (-)

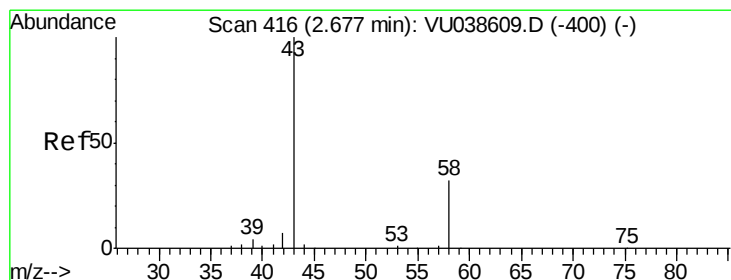
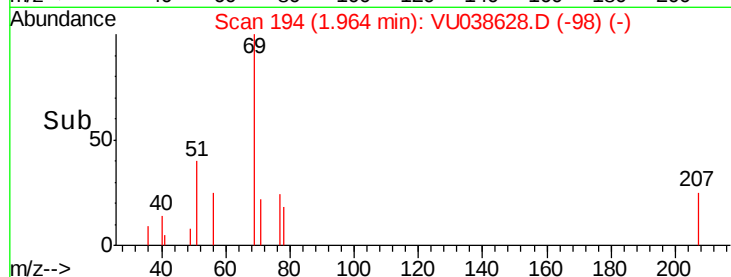
1.96

10000

5000

0

Time--> 1.94 1.96 1.98



#13

Acetone

Concen: 9.623 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038628.D

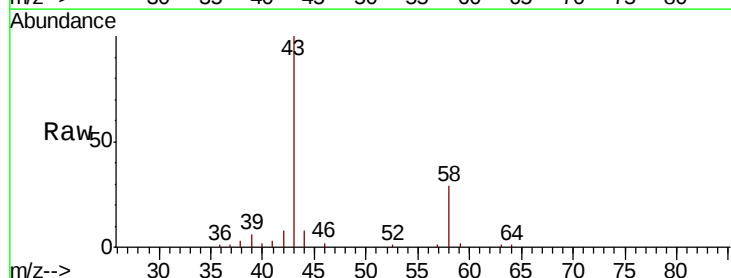
Acq: 06 Jun 2020 19:35

Tgt Ion: 43 Resp: 39042

Ion Ratio Lower Upper

43 100

58 30.4 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

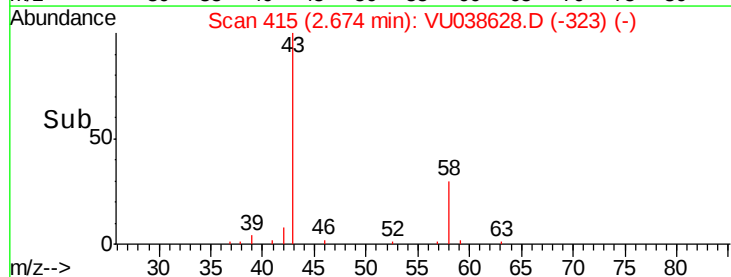
15000

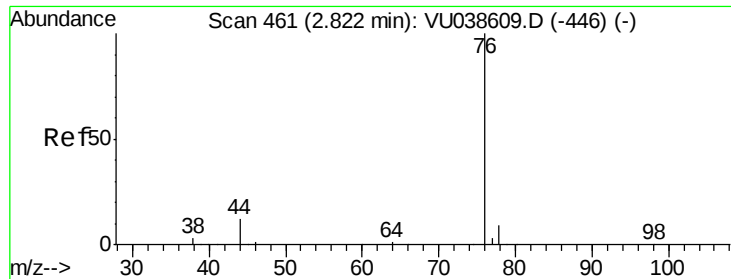
10000

5000

0

Time--> 2.60 2.70 2.80





#14

Carbon disulfide

Concen: 0.101 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

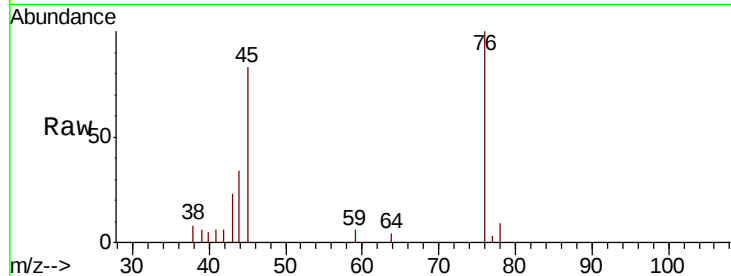
F9D39

Tot Ion: 76 Resp: 6688

Ion Ratio Lower Upper

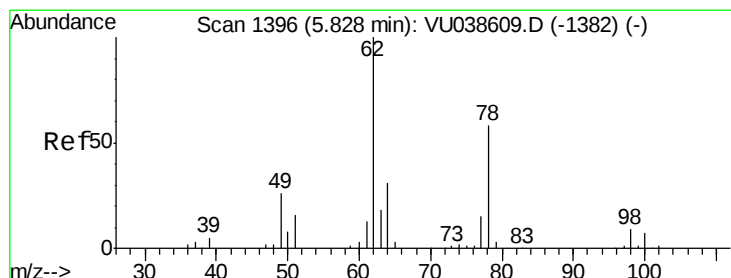
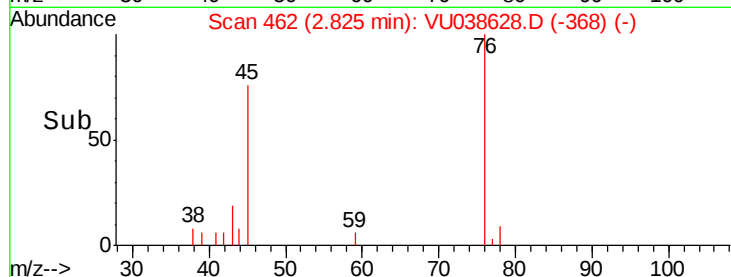
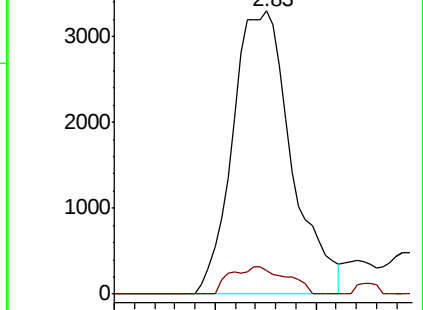
76 100

78 8.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038628.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU038628.D (-368) (-)



#27

1,2-Dichloroethane

Concen: 2.675 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038628.D

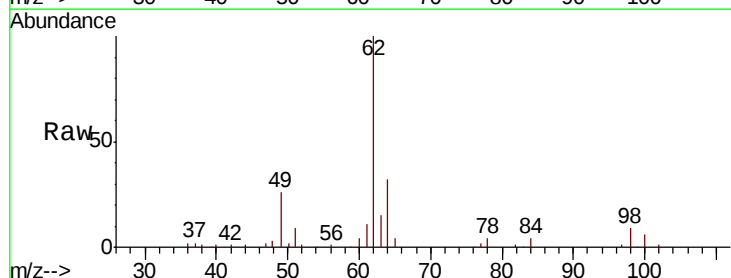
Acq: 06 Jun 2020 19:35

Tgt Ion: 62 Resp: 71643

Ion Ratio Lower Upper

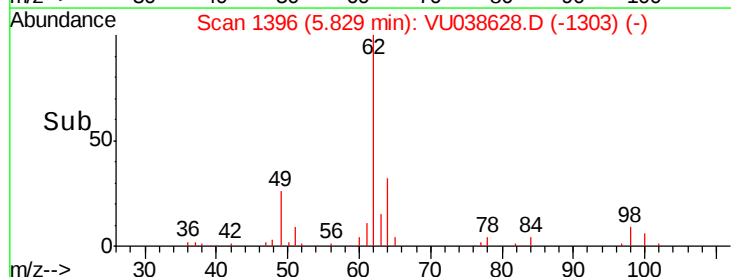
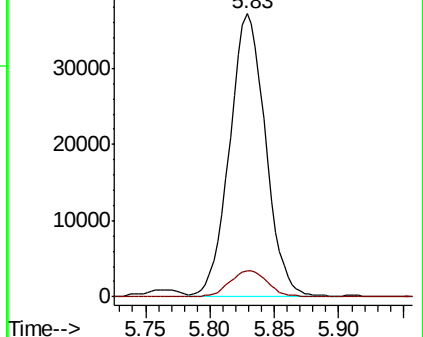
62 100

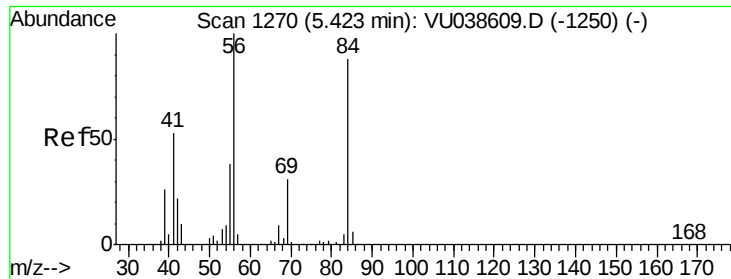
98 9.2 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038628.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU038628.D (-1303) (-)

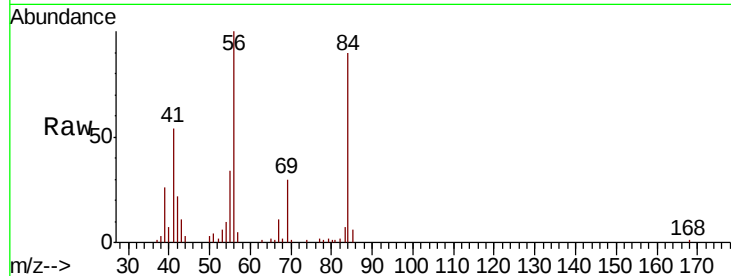




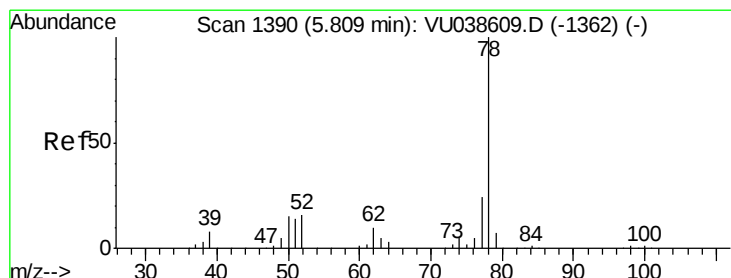
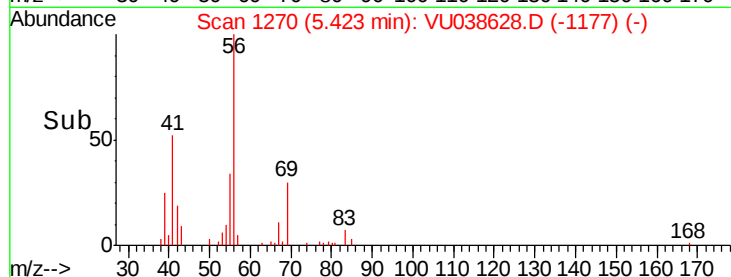
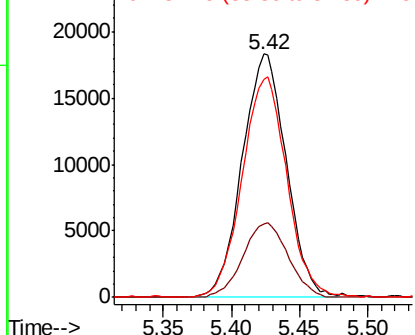
#30
Cyclohexane
Concen: 1.179 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038628.D
Acq: 06 Jun 2020 19:35

Instrument :
MSVOA_U
ClientSampleId :
F9D39

Tot Ion: 56 Resp: 41075
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.4
84 91.9 70.8 106.2

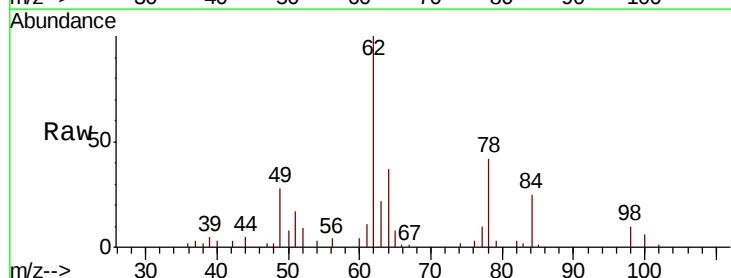


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

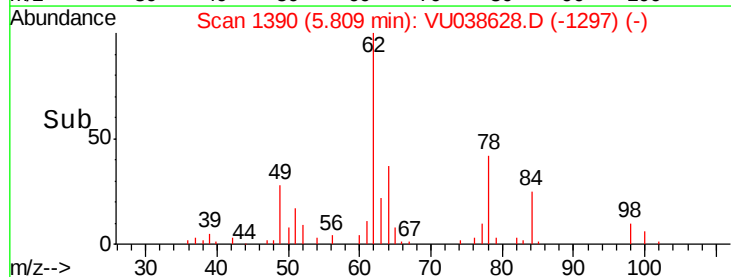
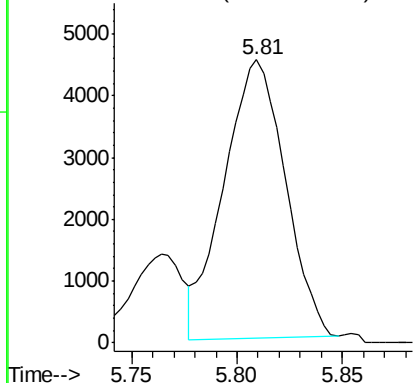


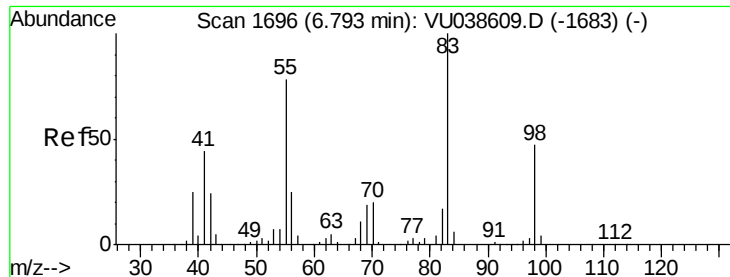
#33
Benzene
Concen: 0.104 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038628.D
Acq: 06 Jun 2020 19:35

Tgt Ion: 78 Resp: 9109



Abundance Ion 78.10 (77.80 to 78.80): VU0

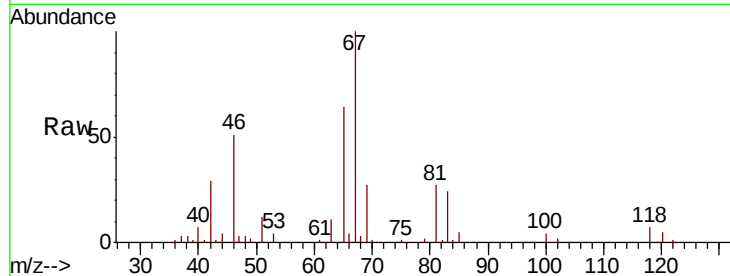




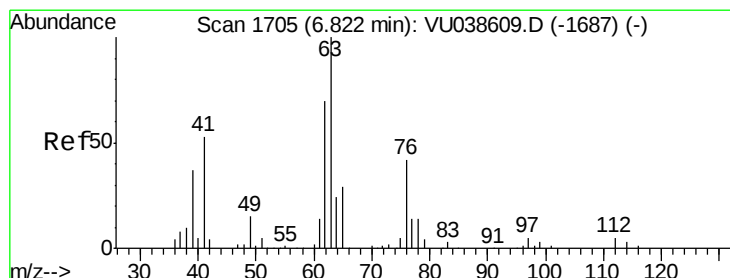
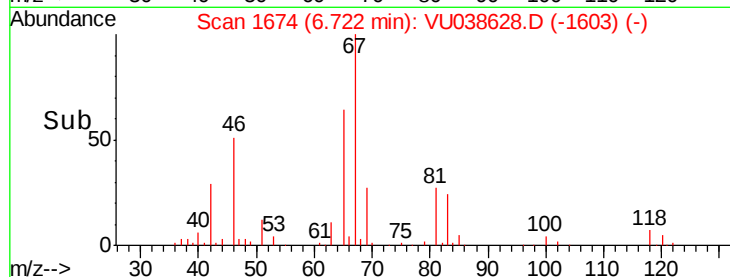
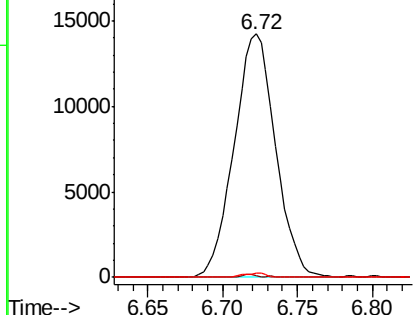
#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038628.D
Acq: 06 Jun 2020 19:35

Instrument :
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ClientSampleId :
F9D39

Tot Ion: 83 Resp: 27419
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 0.9 39.0 58.4#

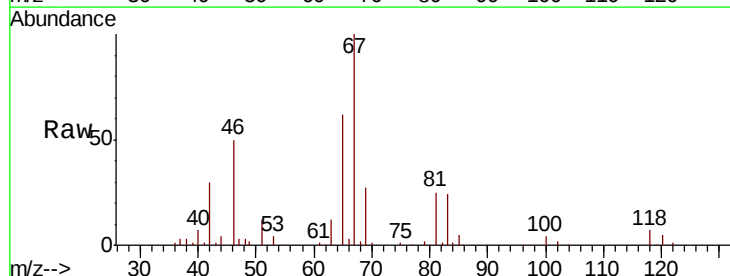


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

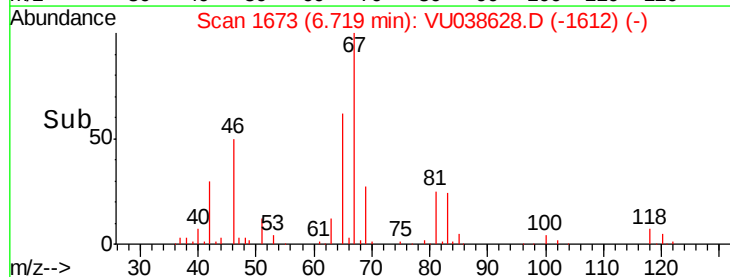
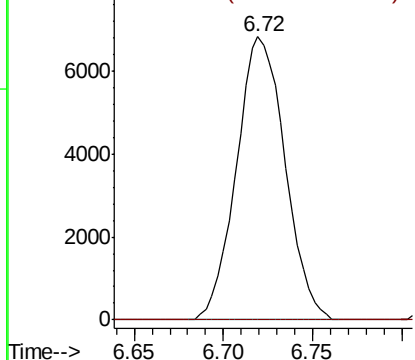


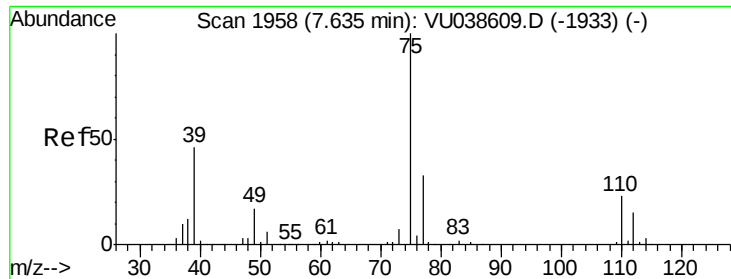
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038628.D
Acq: 06 Jun 2020 19:35

Tgt Ion: 63 Resp: 12962
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

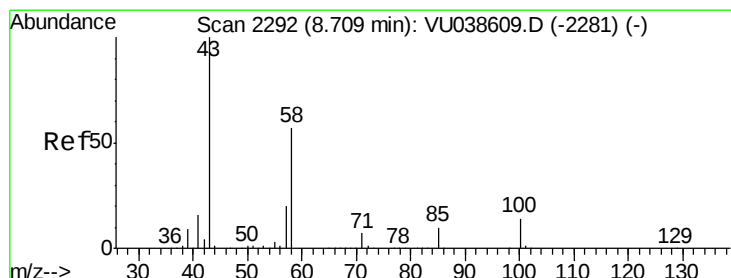
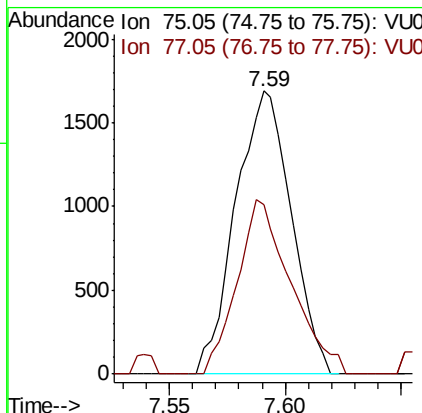
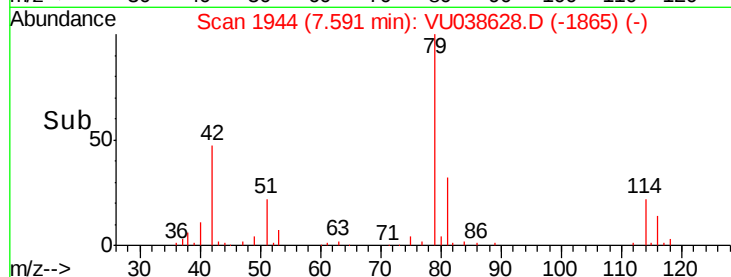
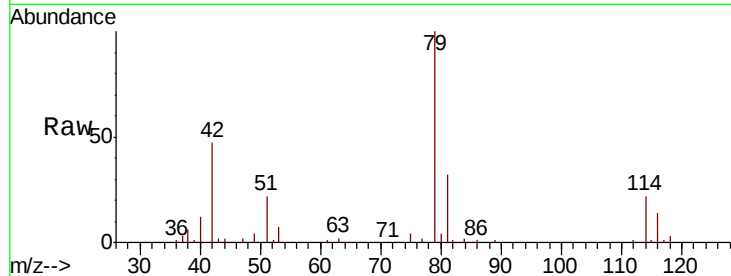




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038628.D
 Acq: 06 Jun 2020 19:35

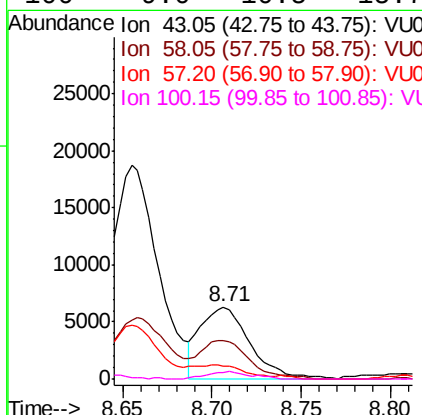
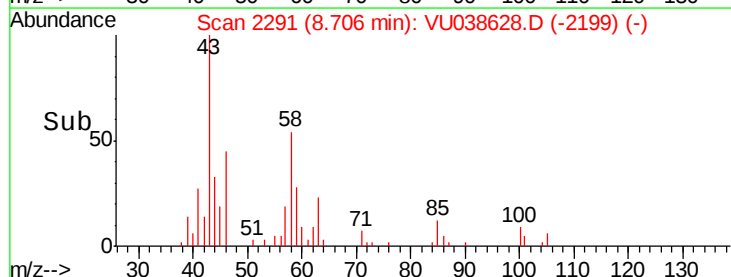
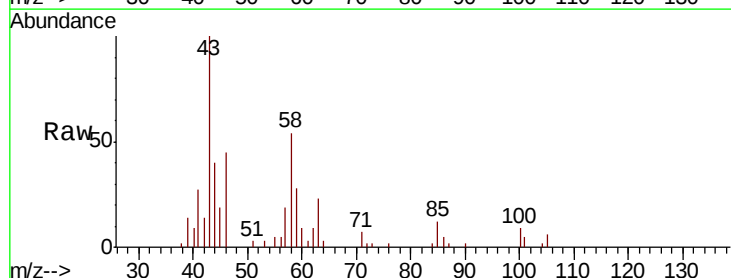
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D39

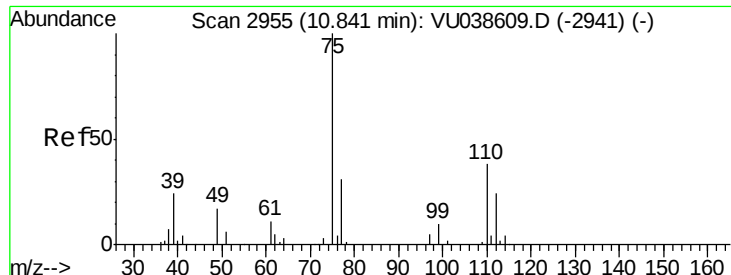
Tot Ion: 75 Resp: 2809
 Ion Ratio Lower Upper
 75 100
 77 59.9 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.024 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038628.D
 Acq: 06 Jun 2020 19:35

Tgt Ion: 43 Resp: 12223
 Ion Ratio Lower Upper
 43 100
 58 52.9 45.4 68.0
 57 0.0 15.9 23.9#
 100 9.0 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

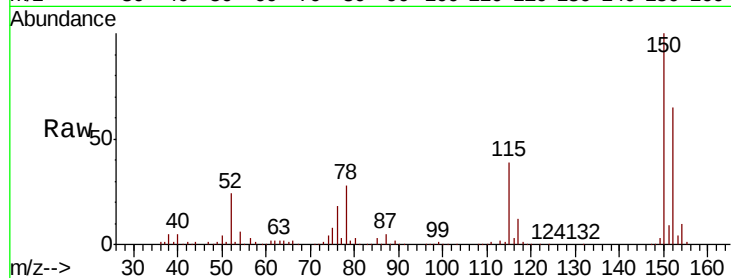
F9D39

Tot Ion: 75 Resp: 18860

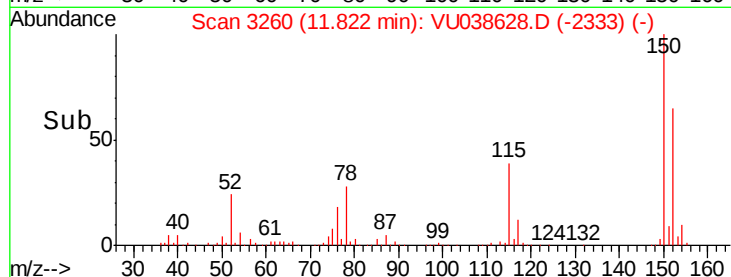
Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0



Ion 77.00 (76.70 to 77.70): VU0

