

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038424.D
 Acq On : 30 May 2020 19:29
 Operator : JC/MD
 Sample : L2787-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:41:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	313562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149047	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102505	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	84223	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.59	63	150751	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.67	46	359510	58.31	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.62%
24) Chloroform-d	5.10	84	200665	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.74	65	120015	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.76	84	409330	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.72	67	128876	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.92	98	346945	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.20	79	52210	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.65	63	307673	61.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108144	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	139506	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

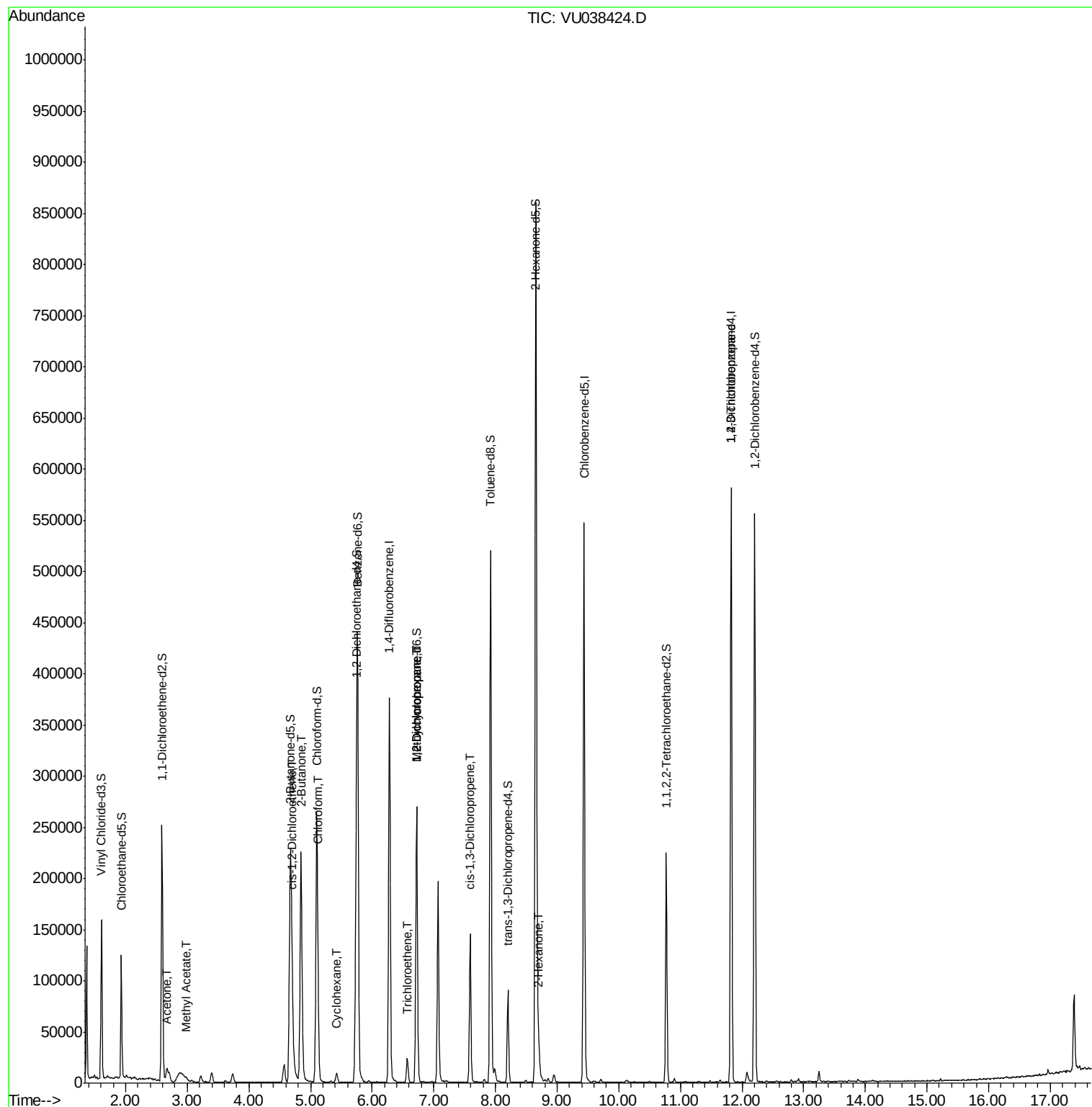
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	22990	5.698	ug/L	97
15) Methyl Acetate	2.99	43	1681	0.170	ug/L #	81
21) 2-Butanone	4.84	43	302612	44.593	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	15030	0.671	ug/L	97
25) Chloroform	5.12	83	14062	0.372	ug/L	91
30) Cyclohexane	5.42	56	4366	0.128	ug/L	98
34) Trichloroethene	6.57	95	7051	0.316	ug/L	97
35) Methylcyclohexane	6.72	83	30262	0.876	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13956	0.645	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3487	0.109	ug/L #	78
48) 2-Hexanone	8.71	43	16223	1.384	ug/L	92
59) 1,2,3-Trichloropropane	11.83	75	18306	1.133	ug/L #	88

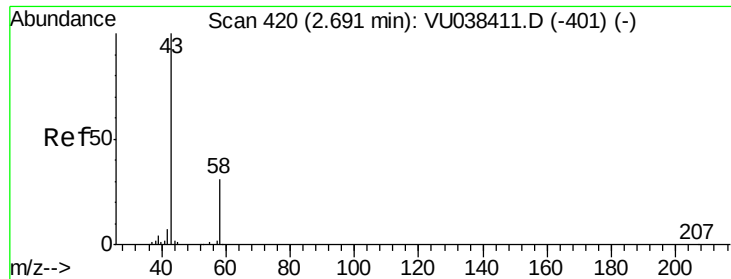
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.698 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038424.D

Acq: 30 May 2020 19:29

Instrument :

MSVOA_U

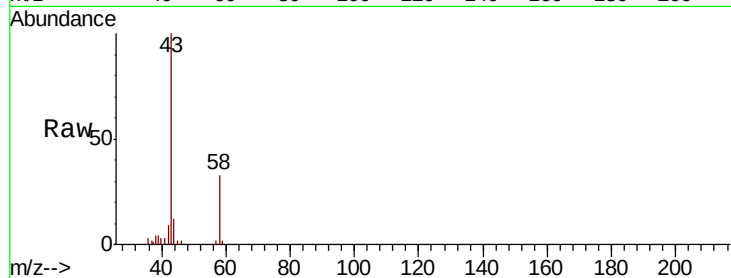
ClientSampleId :

Tot Ion: 43 Resp: 22990

Ion Ratio Lower Upper

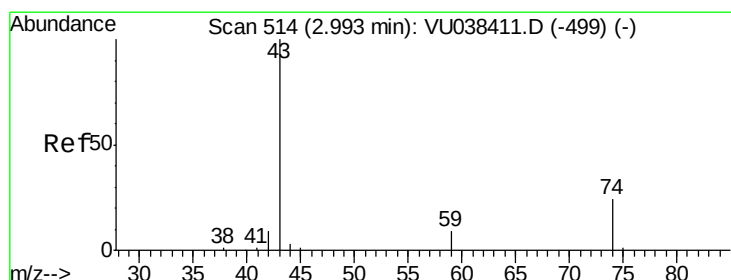
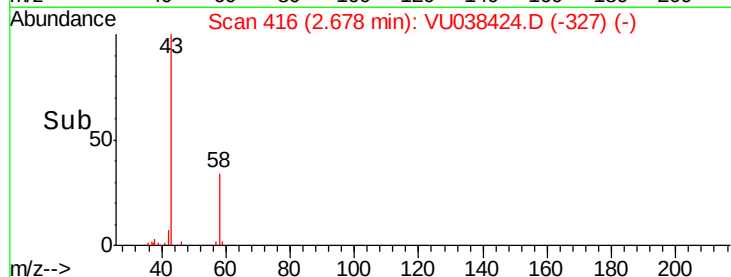
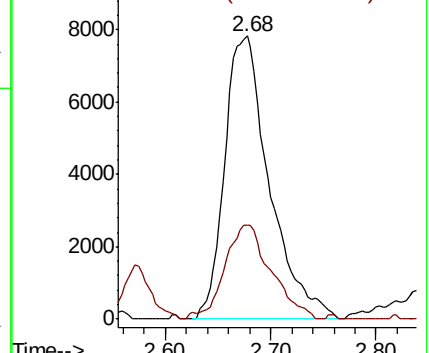
43 100

58 34.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038411.D (-401) (-)



#15

Methyl Acetate

Concen: 0.170 ug/L

RT: 2.99 min Scan# 512

Delta R.T. -0.01 min

Lab File: VU038424.D

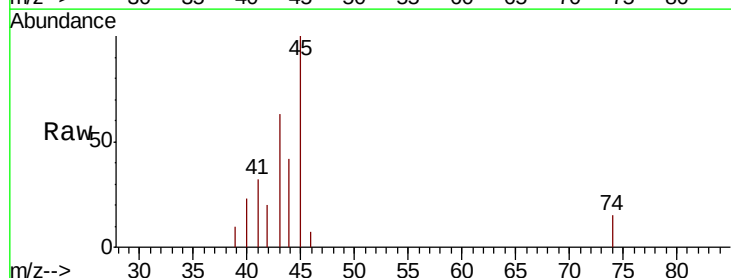
Acq: 30 May 2020 19:29

Tgt Ion: 43 Resp: 1681

Ion Ratio Lower Upper

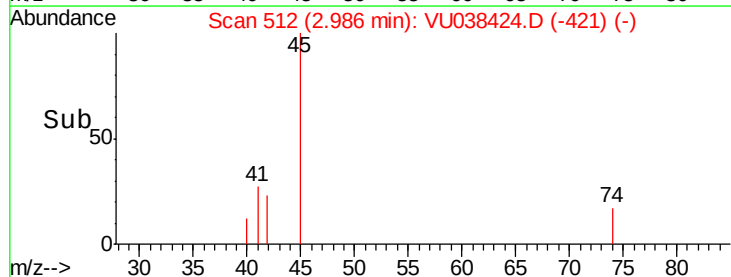
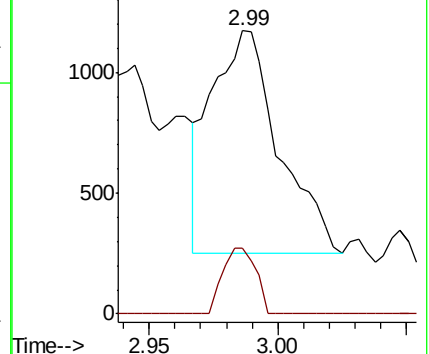
43 100

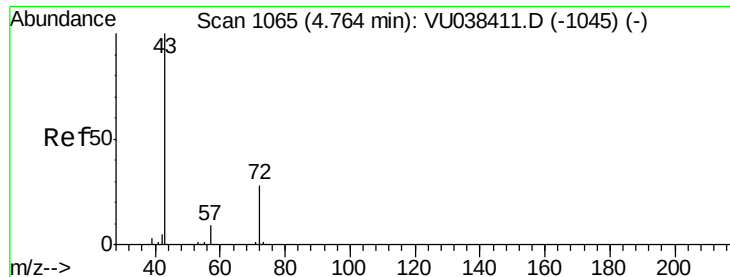
74 14.4 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU038411.D (-499) (-)

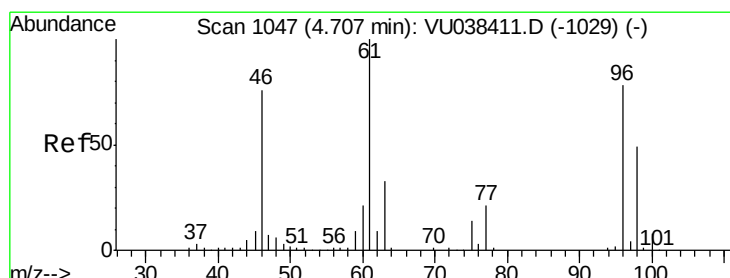
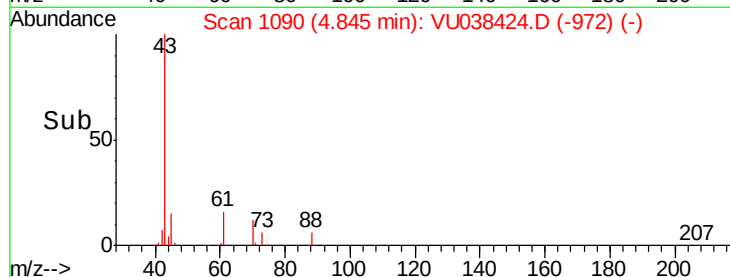
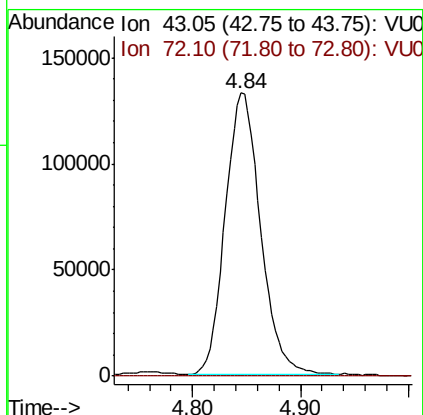
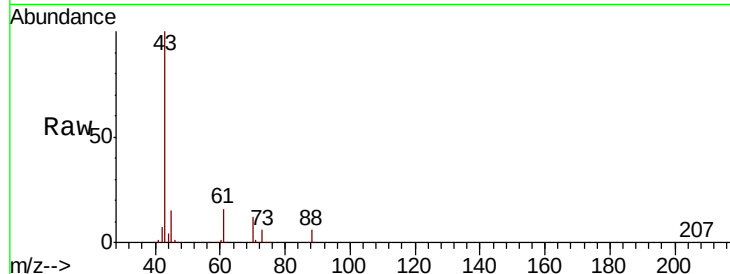




#21
2-Butanone
Concen: 44.593 ug/L
RT: 4.84 min Scan# 1090
Delta R.T. 0.08 min
Lab File: VU038424.D
Acq: 30 May 2020 19:29

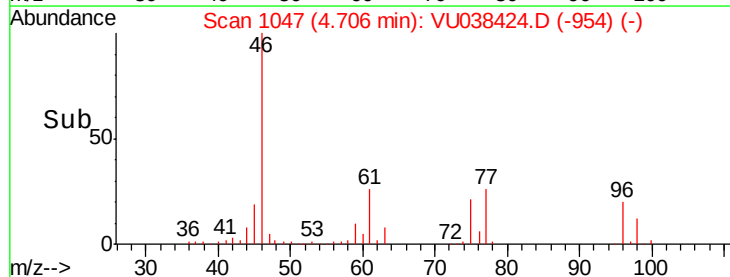
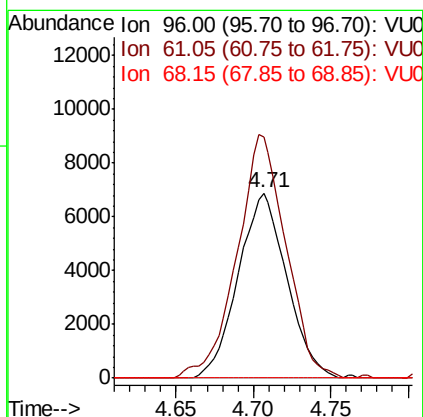
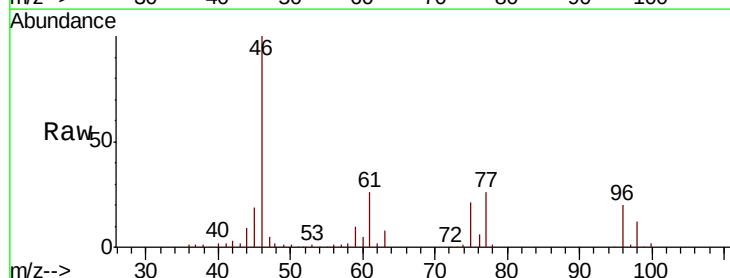
Instrument :
MSVOA_U
ClientSampleId :

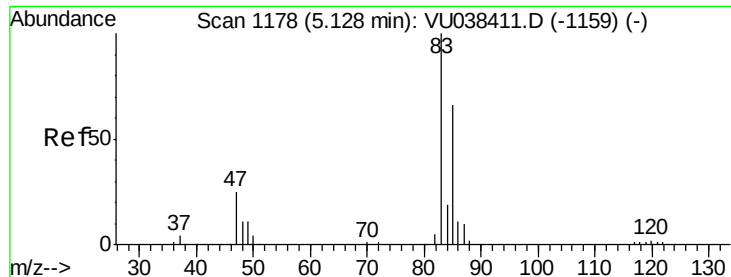
Tot Ion: 43 Resp: 302612
Ion Ratio Lower Upper
43 100
72 0.0 12.6 37.8#



#22
cis-1,2-Dichloroethene
Concen: 0.671 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038424.D
Acq: 30 May 2020 19:29

Tgt Ion: 96 Resp: 15030
Ion Ratio Lower Upper
96 100
61 130.3 94.0 174.6
68 0.0 0.0 0.0

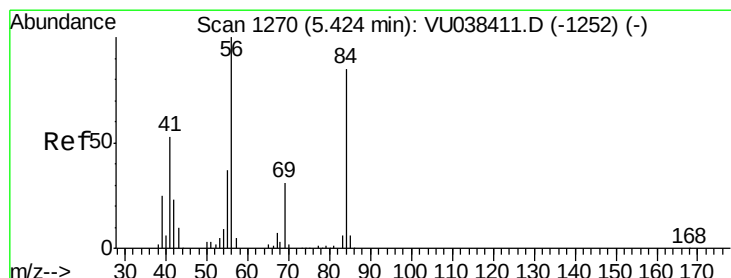
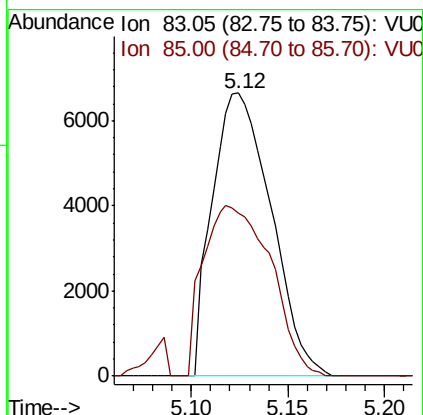
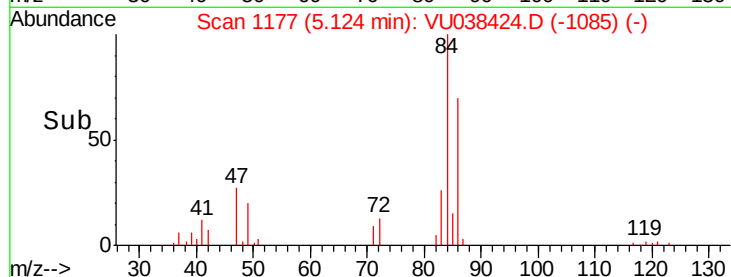
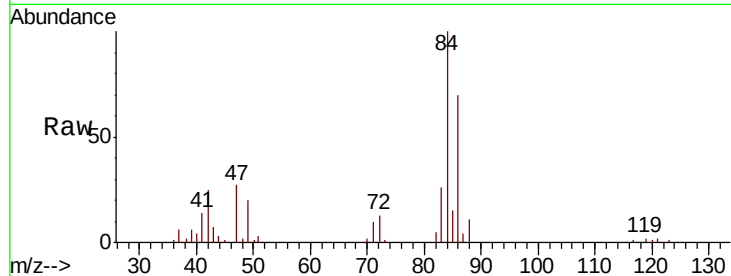




#25
Chloroform
Concen: 0.372 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038424.D
Acq: 30 May 2020 19:29

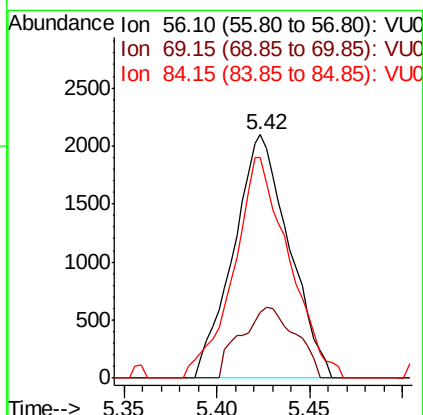
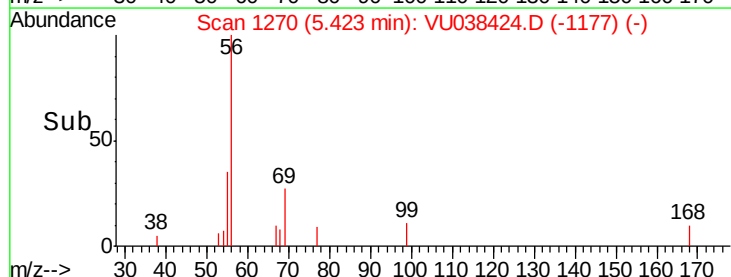
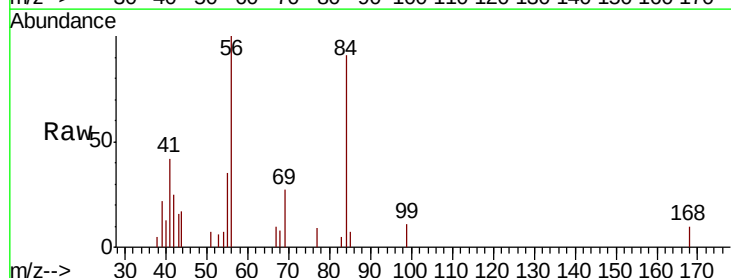
Instrument :
MSVOA_U
ClientSampleId :

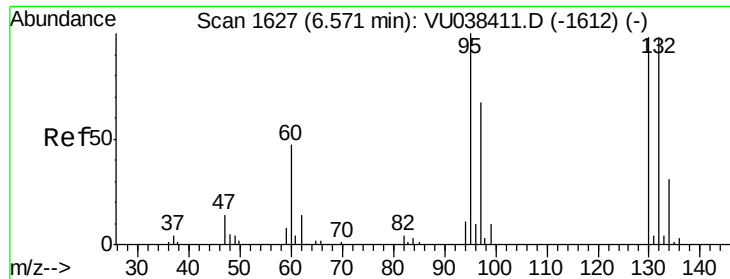
Tot Ion: 83 Resp: 14062
Ion Ratio Lower Upper
83 100
85 57.5 44.9 83.5



#30
Cyclohexane
Concen: 0.128 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038424.D
Acq: 30 May 2020 19:29

Tgt Ion: 56 Resp: 4366
Ion Ratio Lower Upper
56 100
69 28.7 24.2 36.4
84 90.2 70.8 106.2

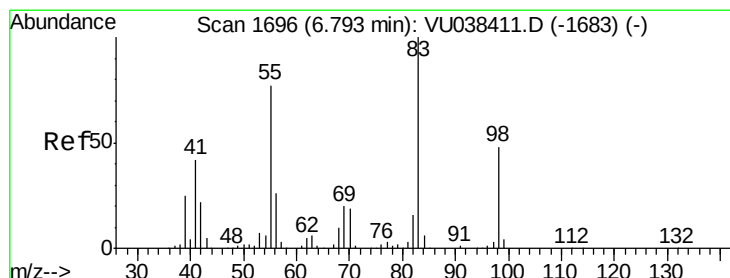
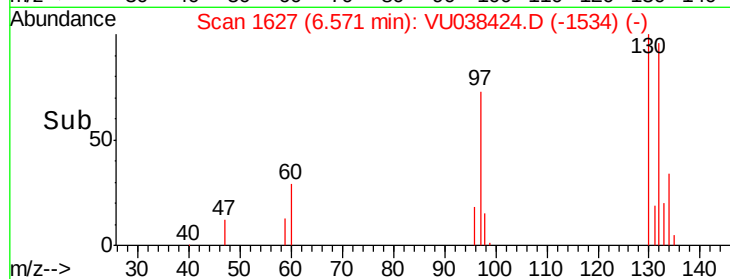
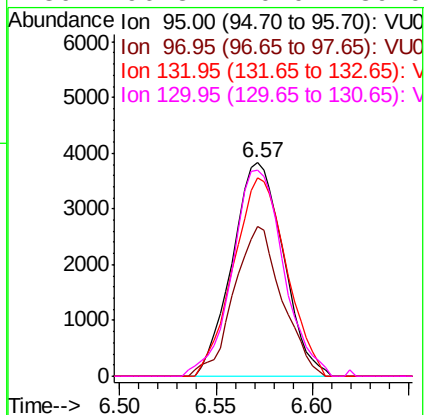
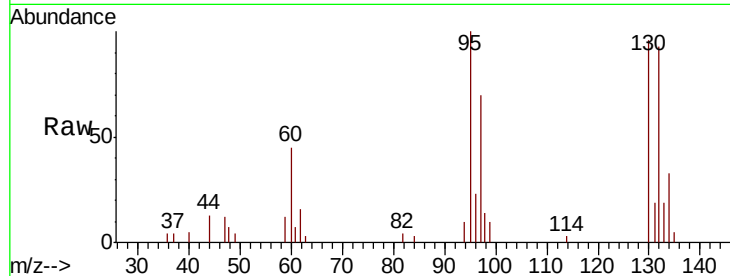




#34
 Trichloroethene
 Concen: 0.316 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038424.D
 Acq: 30 May 2020 19:29

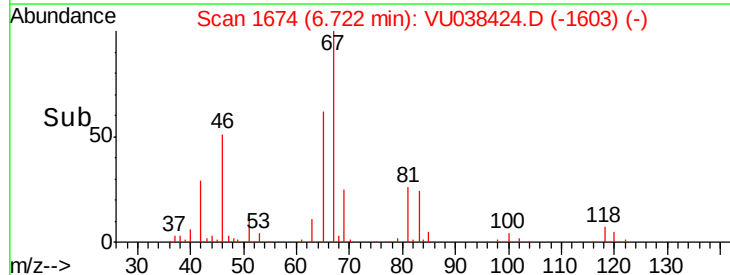
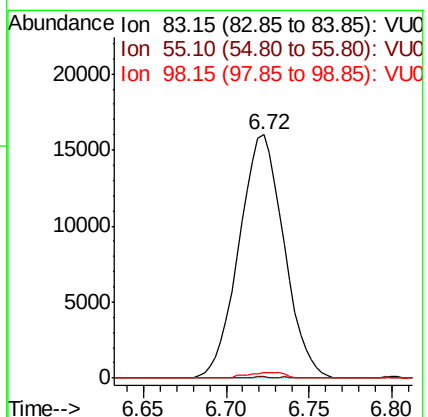
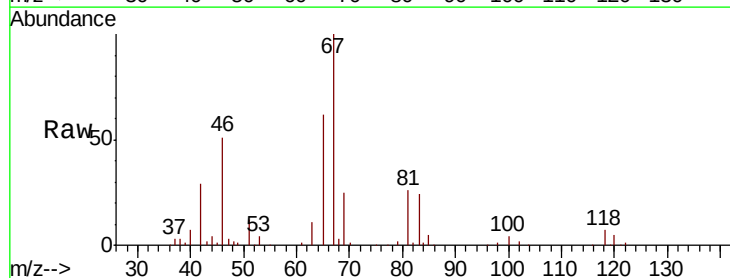
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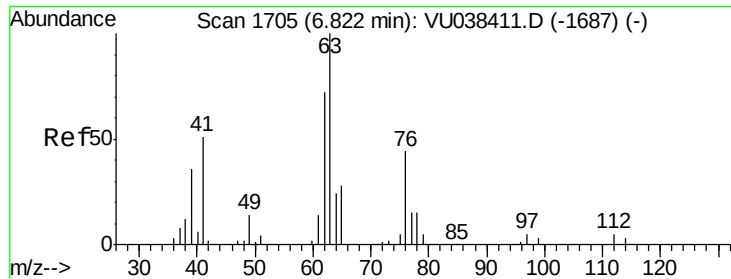
Tot Ion: 95 Resp: 7051
 Ion Ratio Lower Upper
 95 100
 97 70.1 46.8 87.0
 132 92.7 66.1 122.7
 130 96.3 70.0 130.0



#35
 Methylcyclohexane
 Concen: 0.876 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU038424.D
 Acq: 30 May 2020 19:29

Tgt Ion: 83 Resp: 30262
 Ion Ratio Lower Upper
 83 100
 55 0.2 63.4 95.2#
 98 1.9 39.0 58.4#

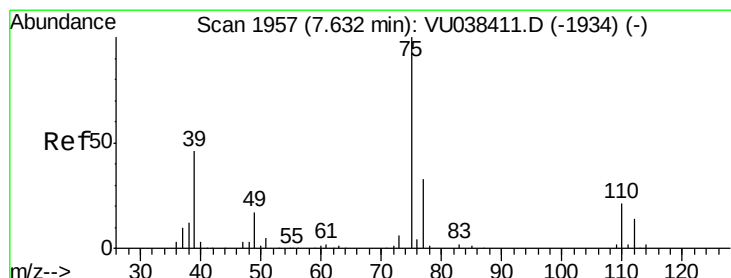
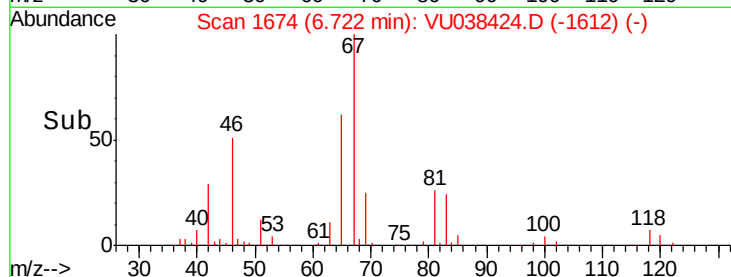
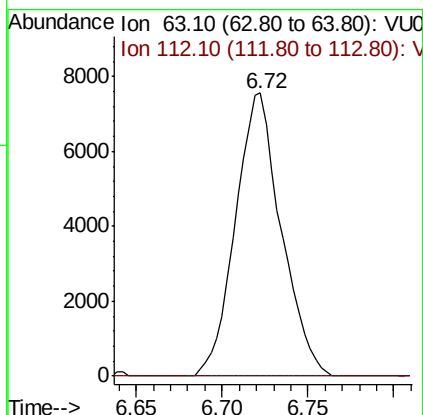
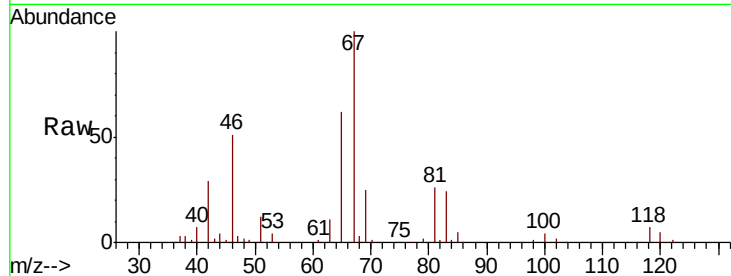




#37
 1,2-Dichloropropane
 Concen: 0.645 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038424.D
 Acq: 30 May 2020 19:29

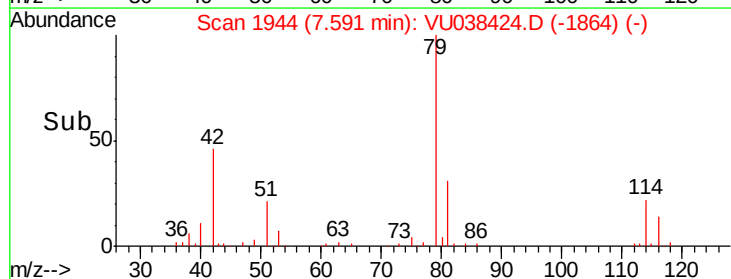
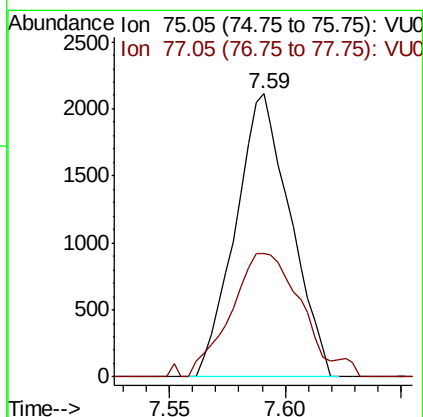
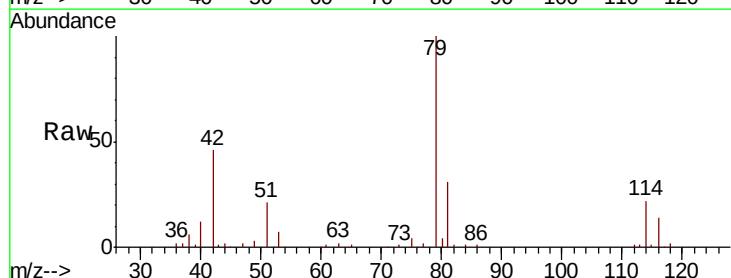
Instrument :
 MSVOA_U
 ClientSampleId :

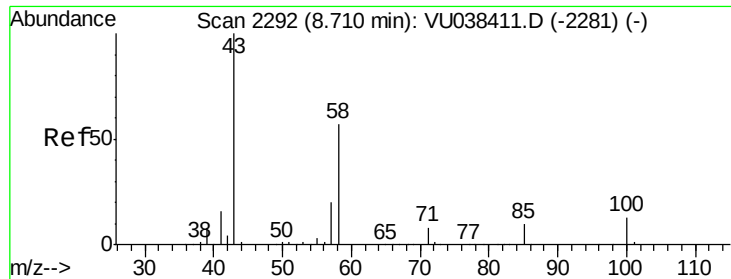
Tot Ion: 63 Resp: 13956
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038424.D
 Acq: 30 May 2020 19:29

Tgt Ion: 75 Resp: 3487
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.9 40.7#

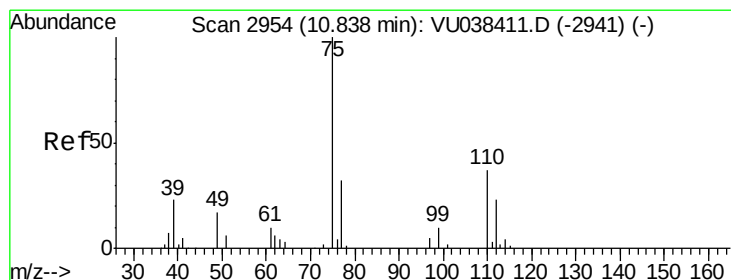
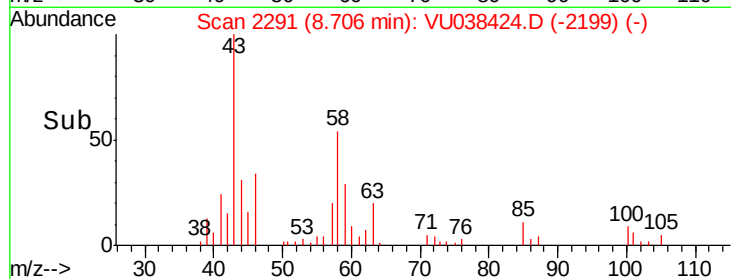
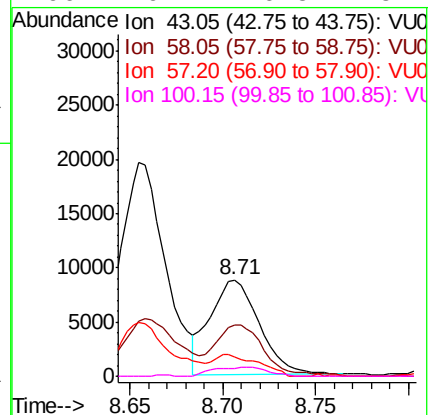
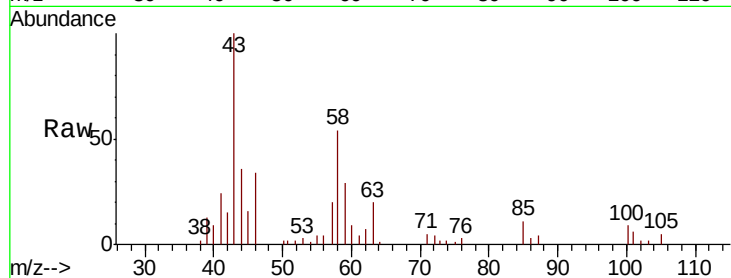




#48
2-Hexanone
Concen: 1.384 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038424.D
Acq: 30 May 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 16223
Ion Ratio Lower Upper
43 100
58 49.2 45.4 68.0
57 20.6 15.9 23.9
100 10.7 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 1.133 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU038424.D
Acq: 30 May 2020 19:29

Tgt Ion: 75 Resp: 18306
Ion Ratio Lower Upper
75 100
77 38.3 25.4 38.2#

