

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039622.D
 Acq On : 22 Jul 2020 11:42
 Operator : SY/MD
 Sample : L3348-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAXZ5

Quant Time: Jul 23 01:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 01:28:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	104231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33235	6.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.40%#
7) Chloroethane-d5	1.93	69	31521	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.58	63	52216	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.66	46	120931	55.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.84%
24) Chloroform-d	5.09	84	68883	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.72	65	42980	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.74	84	132842	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.71	67	43424	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	118567	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.19	79	16490	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	84847	50.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36850	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44571	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

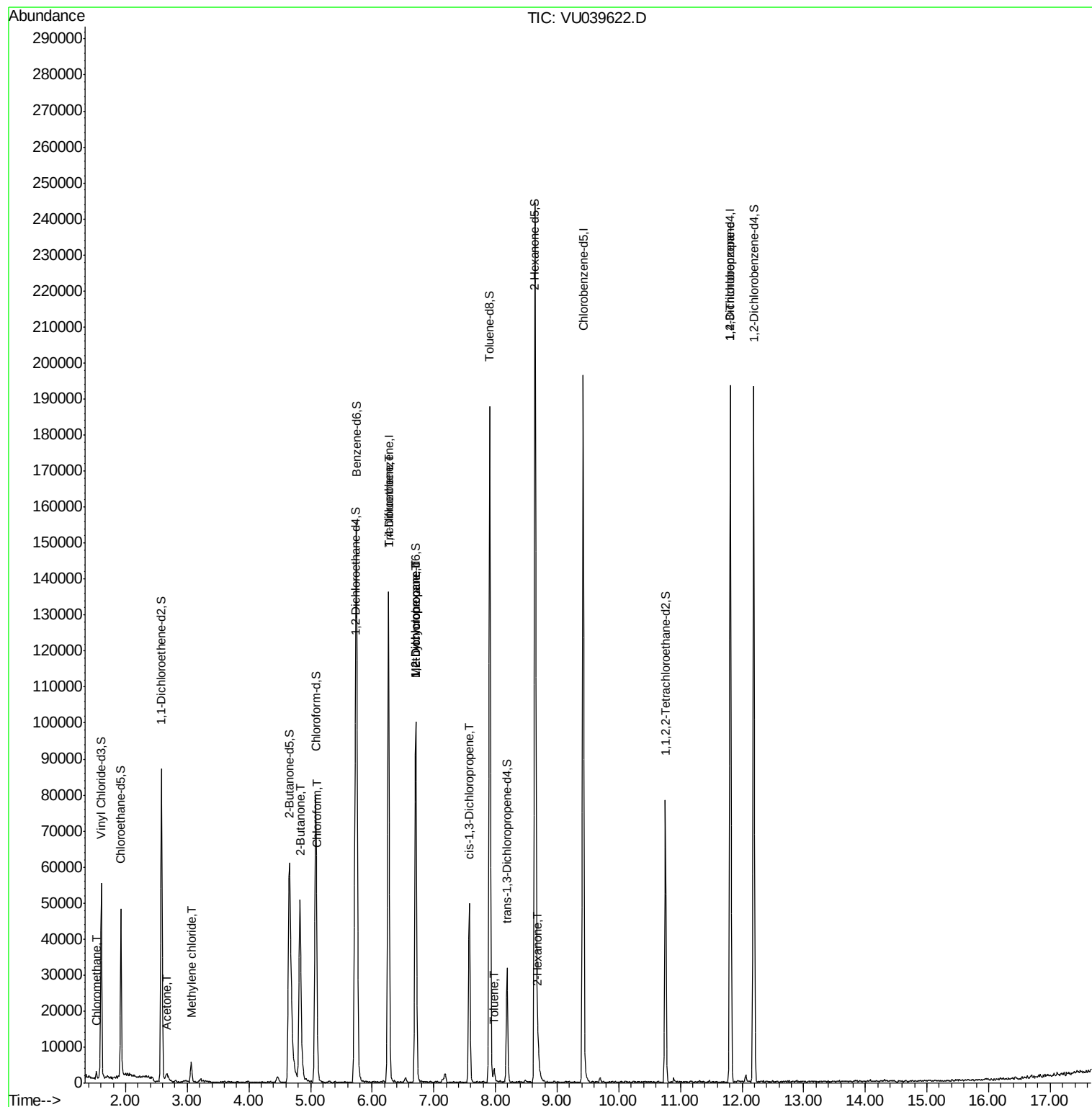
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1475	0.266	ug/L	90
13) Acetone	2.66	43	1574	1.296	ug/L	86
16) Methylene chloride	3.06	84	2109	0.296	ug/L #	78
21) 2-Butanone	4.83	43	74862	35.586	ug/L #	51
25) Chloroform	5.11	83	3032	0.237	ug/L	99
34) Trichloroethene	6.26	95	2076	0.313	ug/L #	9
35) Methylcyclohexane	6.71	83	9533	0.980	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5360	0.801	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	1676	0.174	ug/L #	82
42) Toluene	7.98	91	2456	0.093	ug/L	99
48) 2-Hexanone	8.70	43	4812	1.244	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	6981	1.422	ug/L	91

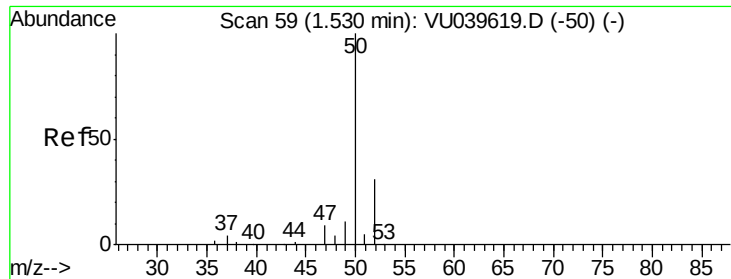
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.266 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039622.D

Acq: 22 Jul 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

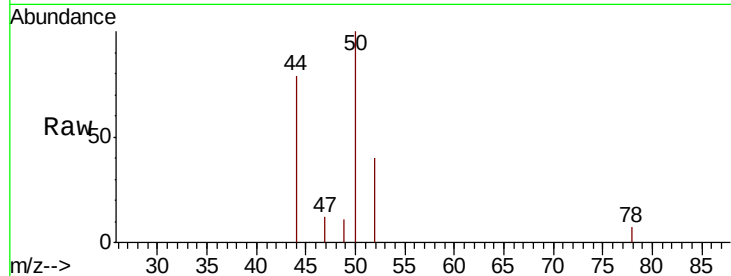
GAXZ5

Tot Ion: 50 Resp: 1475

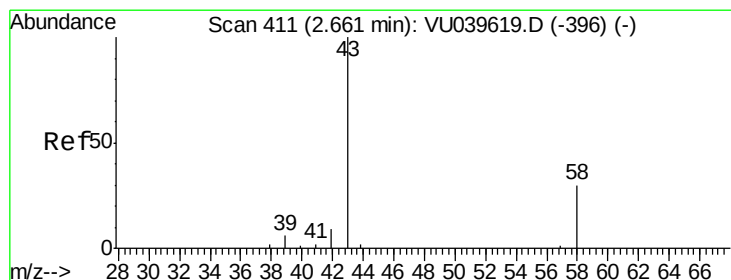
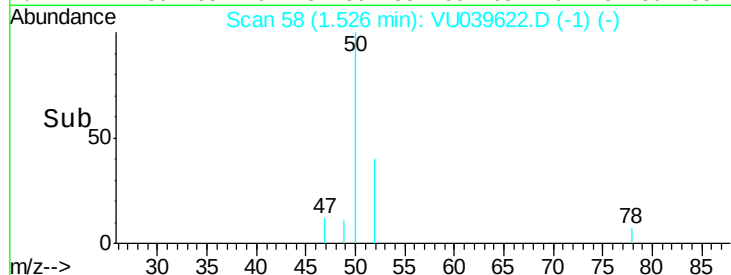
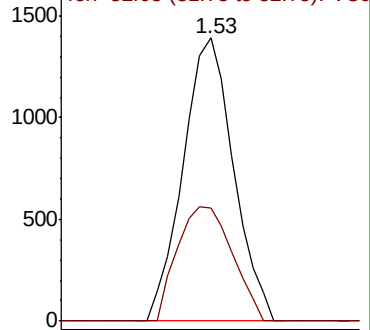
Ion Ratio Lower Upper

50 100

52 39.7 23.9 44.5



Abundance Ion 50.05 (49.75 to 50.75): VU039619.D (-50) (-)



#13

Acetone

Concen: 1.296 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU039622.D

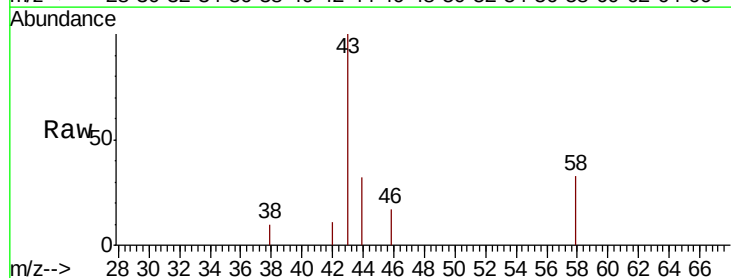
Acq: 22 Jul 2020 11:42

Tgt Ion: 43 Resp: 1574

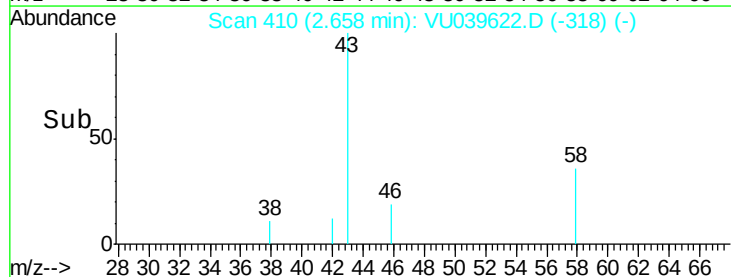
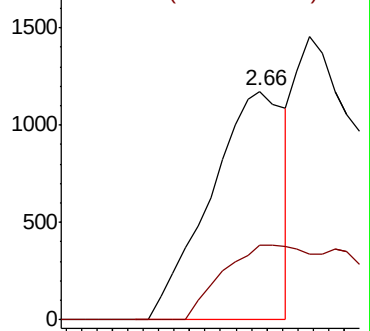
Ion Ratio Lower Upper

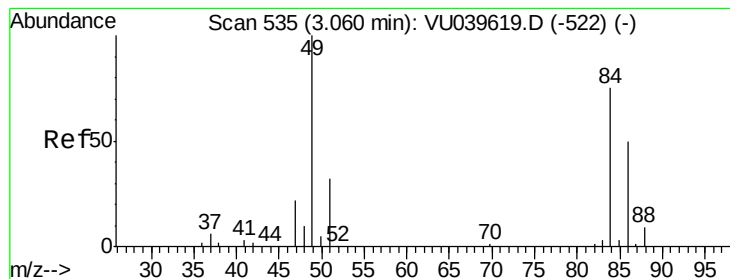
43 100

58 36.8 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU039619.D (-396) (-)





#16

Methvlene chloride

Concen: 0.296 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039622.D

Acq: 22 Jul 2020 11:42

Instrument :

MSVOA_U

ClientSampleId :

GAXZ5

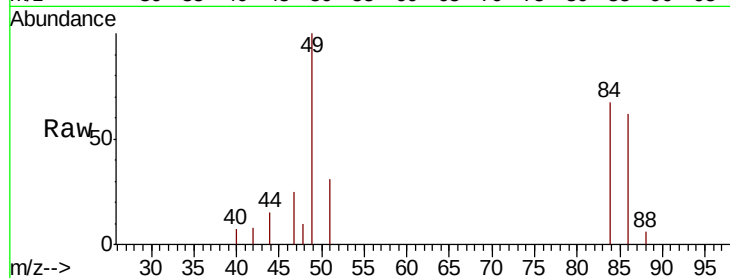
Tot Ion: 84 Resp: 2109

Ion Ratio Lower Upper

84 100

86 93.0 43.8 81.4#

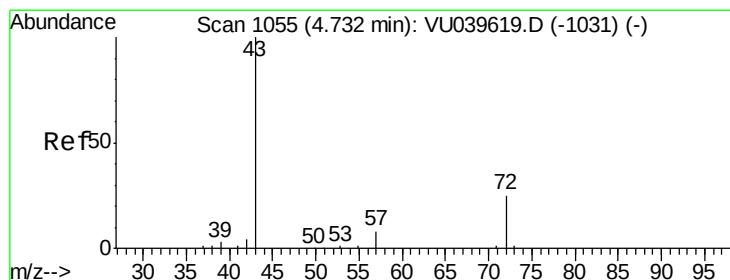
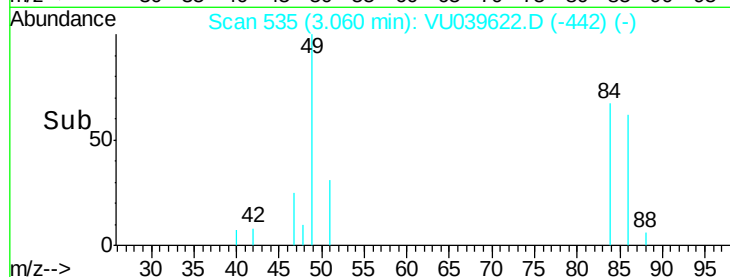
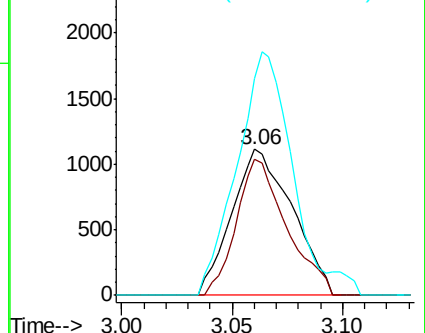
49 148.8 92.7 172.3



Abundance Ion 84.05 (83.75 to 84.75): VU039619.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039619.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039619.D (-522) (-)



#21

2-Butanone

Concen: 35.586 ug/L

RT: 4.83 min Scan# 1085

Delta R.T. 0.10 min

Lab File: VU039622.D

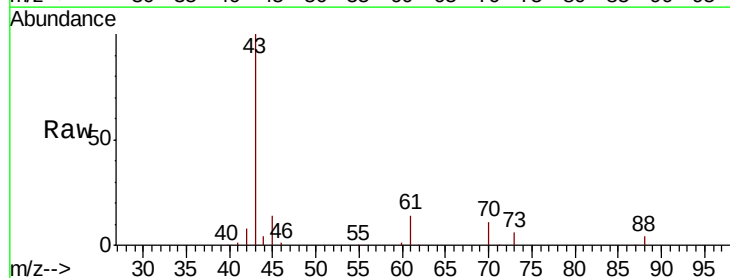
Acq: 22 Jul 2020 11:42

Tgt Ion: 43 Resp: 74862

Ion Ratio Lower Upper

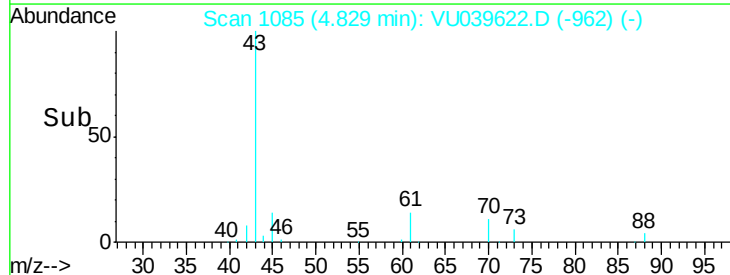
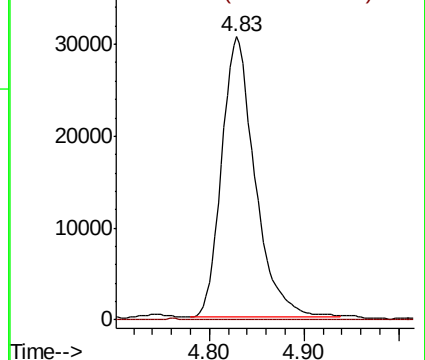
43 100

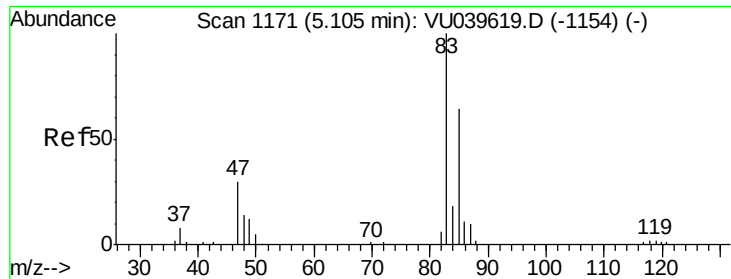
72 0.1 12.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VU039619.D (-1031) (-)

Ion 72.10 (71.80 to 72.80): VU039619.D (-1031) (-)

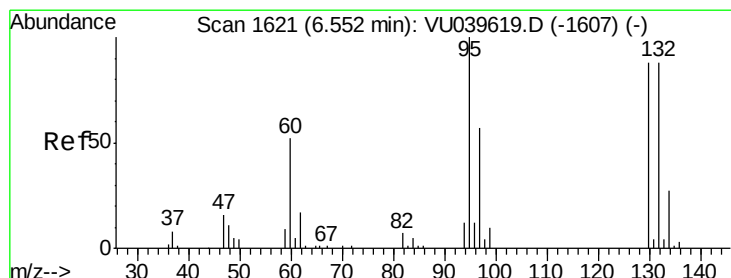
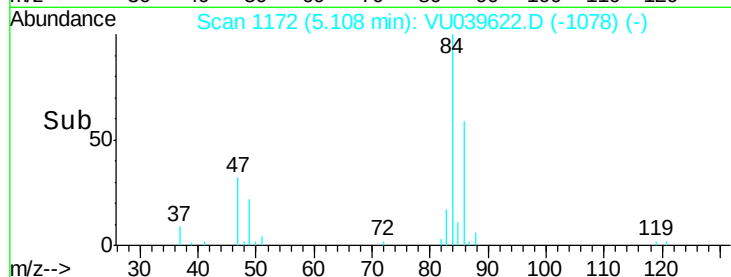
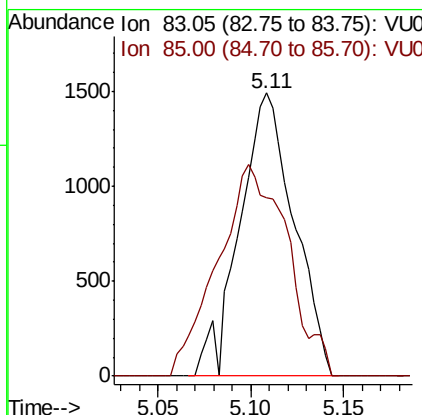
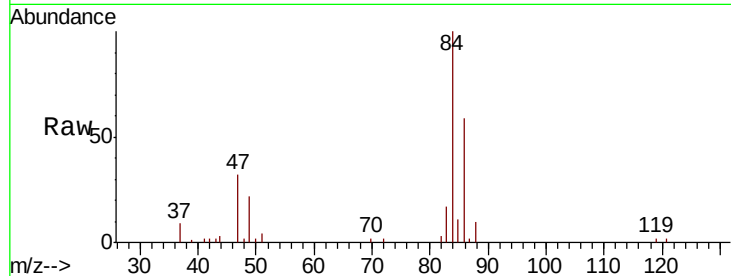




#25
Chloroform
Concen: 0.237 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039622.D
Acq: 22 Jul 2020 11:42

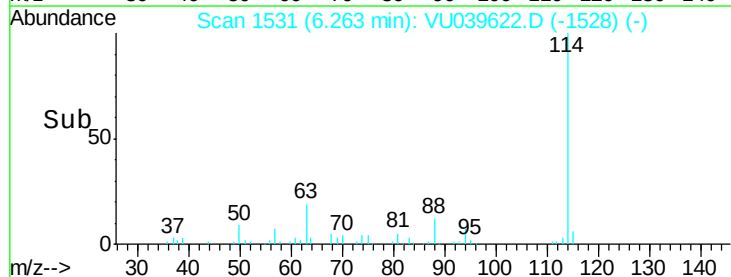
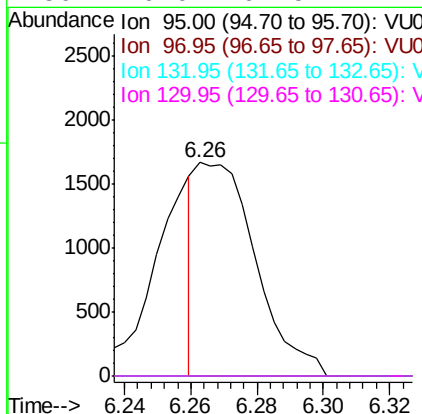
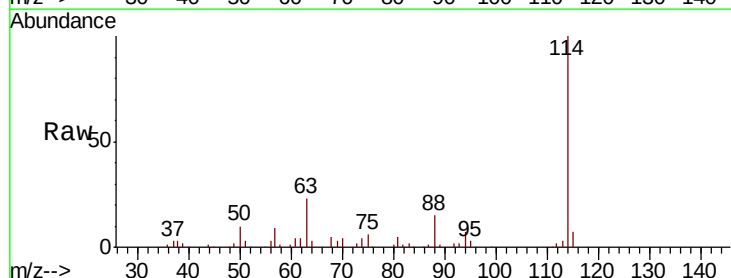
Instrument :
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GAXZ5

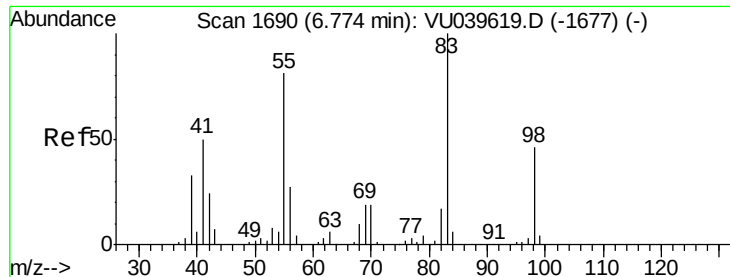
Tot Ion: 83 Resp: 3032
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.5



#34
Trichloroethene
Concen: 0.313 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU039622.D
Acq: 22 Jul 2020 11:42

Tgt Ion: 95 Resp: 2076
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.3#
132 0.0 62.8 116.6#
130 0.0 61.5 114.1#

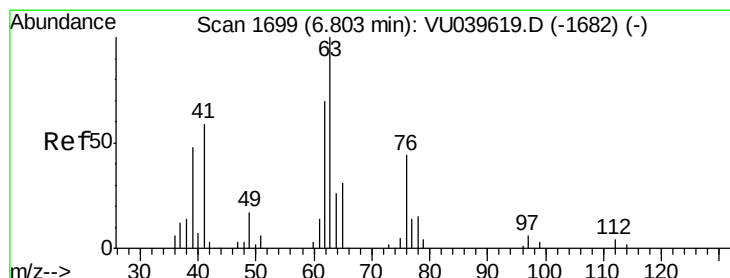
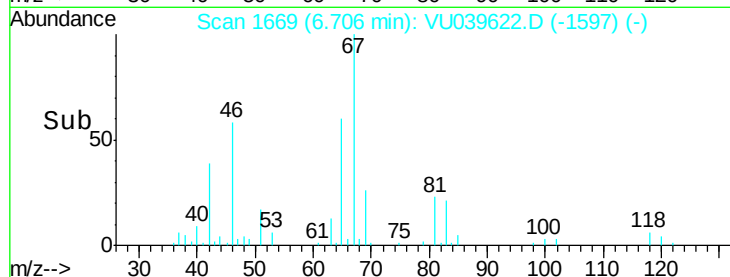
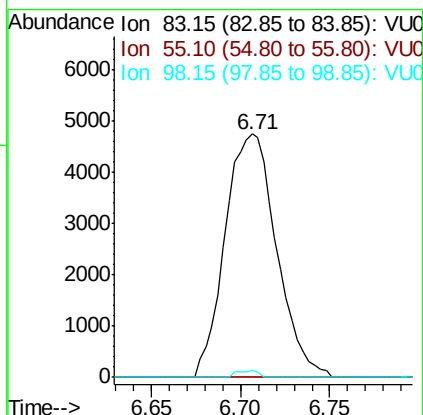
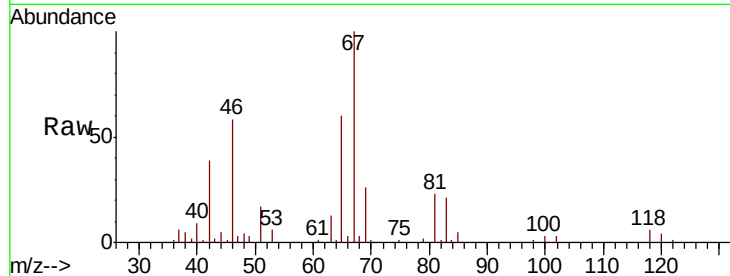




#35
Methylvlcyclohexane
Concen: 0.980 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039622.D
Acq: 22 Jul 2020 11:42

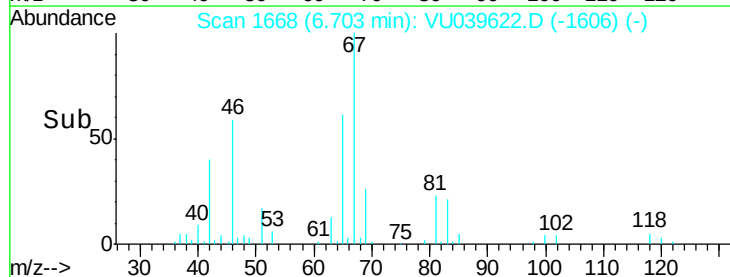
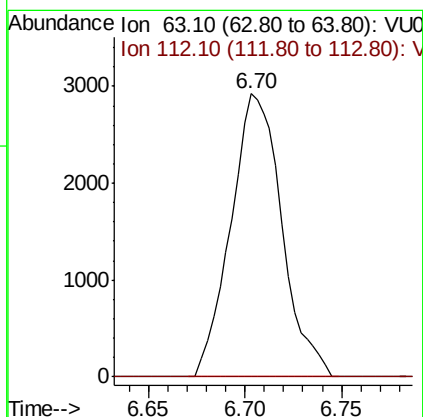
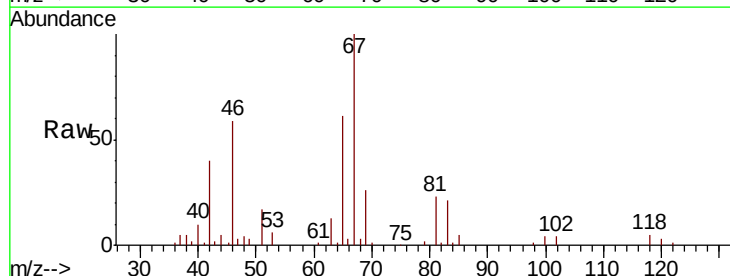
Instrument :
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ClientSampleId :
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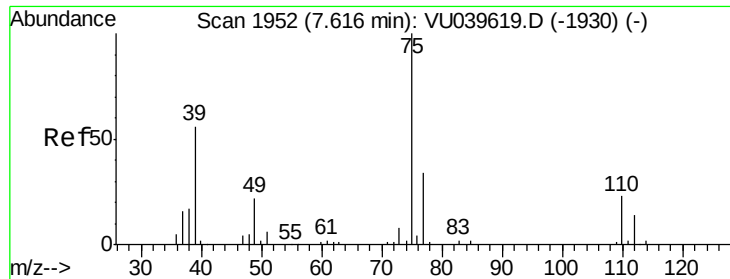
Tot Ion: 83 Resp: 9533
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.6#
98 1.1 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.801 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039622.D
Acq: 22 Jul 2020 11:42

Tgt Ion: 63 Resp: 5360
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

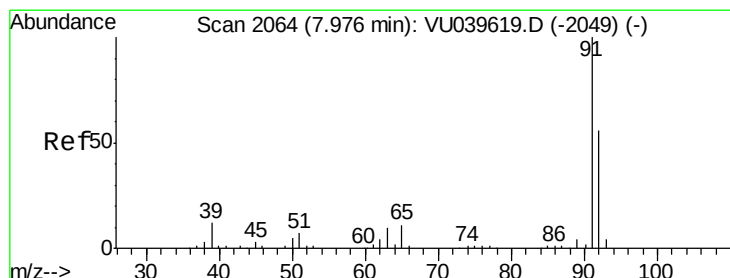
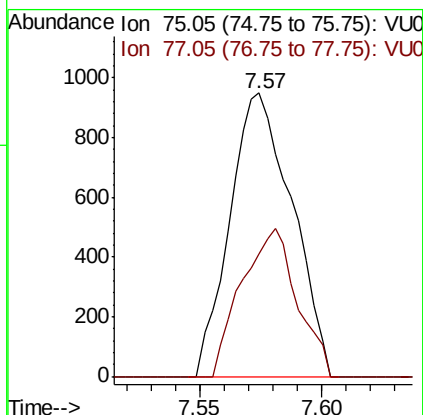
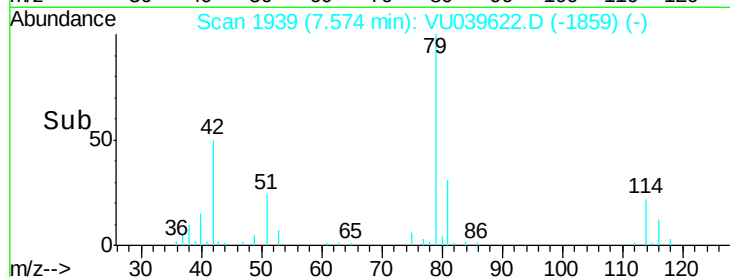
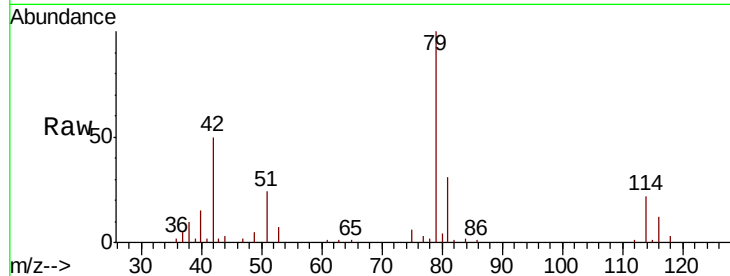




#39
 cis-1,3-Dichloropropene
 Concen: 0.174 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039622.D
 Acq: 22 Jul 2020 11:42

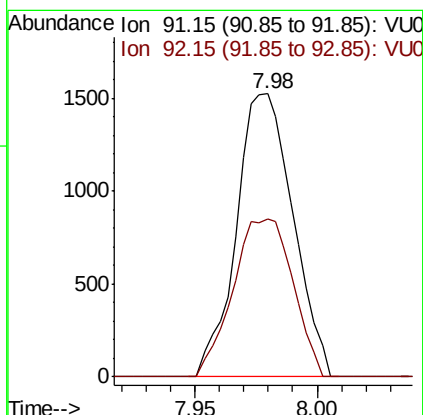
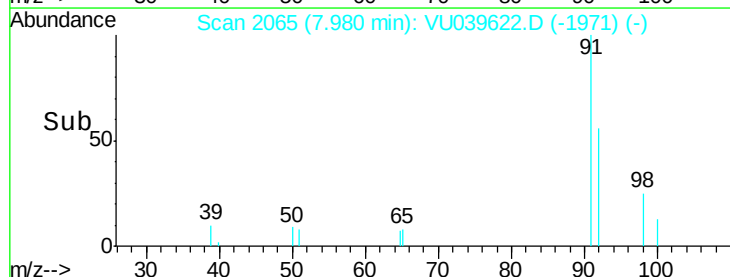
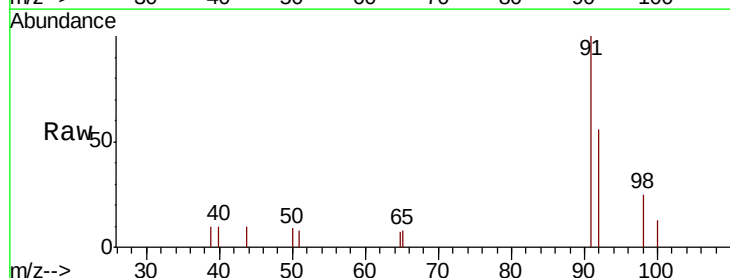
Instrument :
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 ClientSampled :
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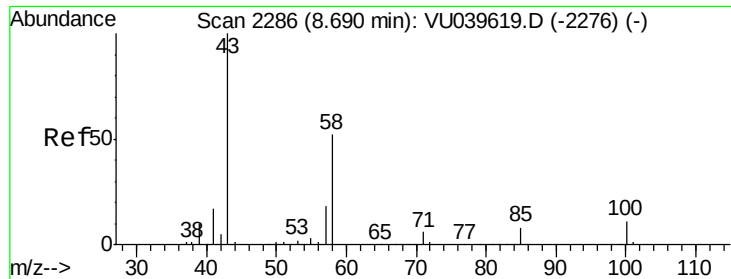
Tot Ion: 75 Resp: 1676
 Ion Ratio Lower Upper
 75 100
 77 43.1 23.2 43.0#



#42
 Toluene
 Concen: 0.093 ug/L
 RT: 7.98 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VU039622.D
 Acq: 22 Jul 2020 11:42

Tgt Ion: 91 Resp: 2456
 Ion Ratio Lower Upper
 91 100
 92 55.7 38.6 71.6

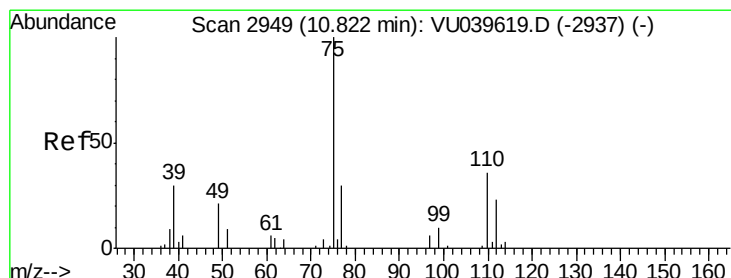
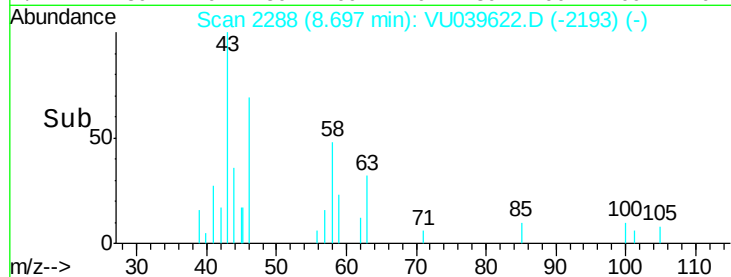
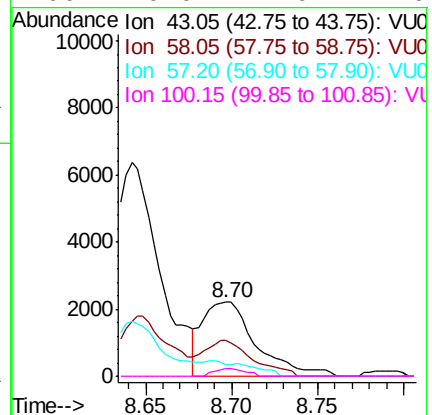
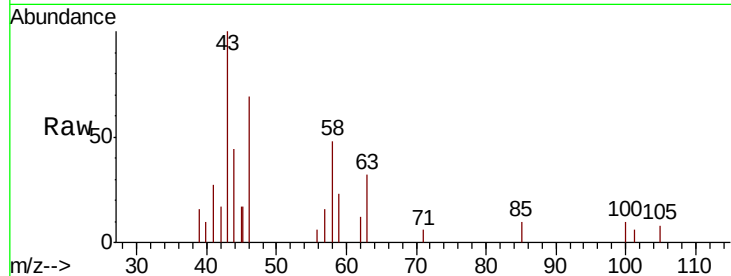




#48
 2-Hexanone
 Concen: 1.244 ug/L
 RT: 8.70 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: VU039622.D
 Acq: 22 Jul 2020 11:42

Instrument :
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Tot Ion: 43 Resp: 4812
 Ion Ratio Lower Upper
 43 100
 58 43.1 40.9 61.3
 57 0.0 14.6 21.8#
 100 6.0 7.9 11.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.422 ug/L
 RT: 11.81 min Scan# 3257
 Delta R.T. 0.99 min
 Lab File: VU039622.D
 Acq: 22 Jul 2020 11:42

Tgt Ion: 75 Resp: 6981
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.5 38.3

