

Data File : VU041319.D
Acq On : 18 Nov 2020 18:14
Operator : SY/MD
Sample : L4790-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4388

Quant Time: Nov 19 00:51:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21965	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21193	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.92	69	18727	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.58	63	33958	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.65	46	88989	53.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	5.08	84	49957	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.72	65	30850	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.74	84	85466	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.70	67	29896	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.91	98	67669	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	11418	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.64	63	61211	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26658	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	26036	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

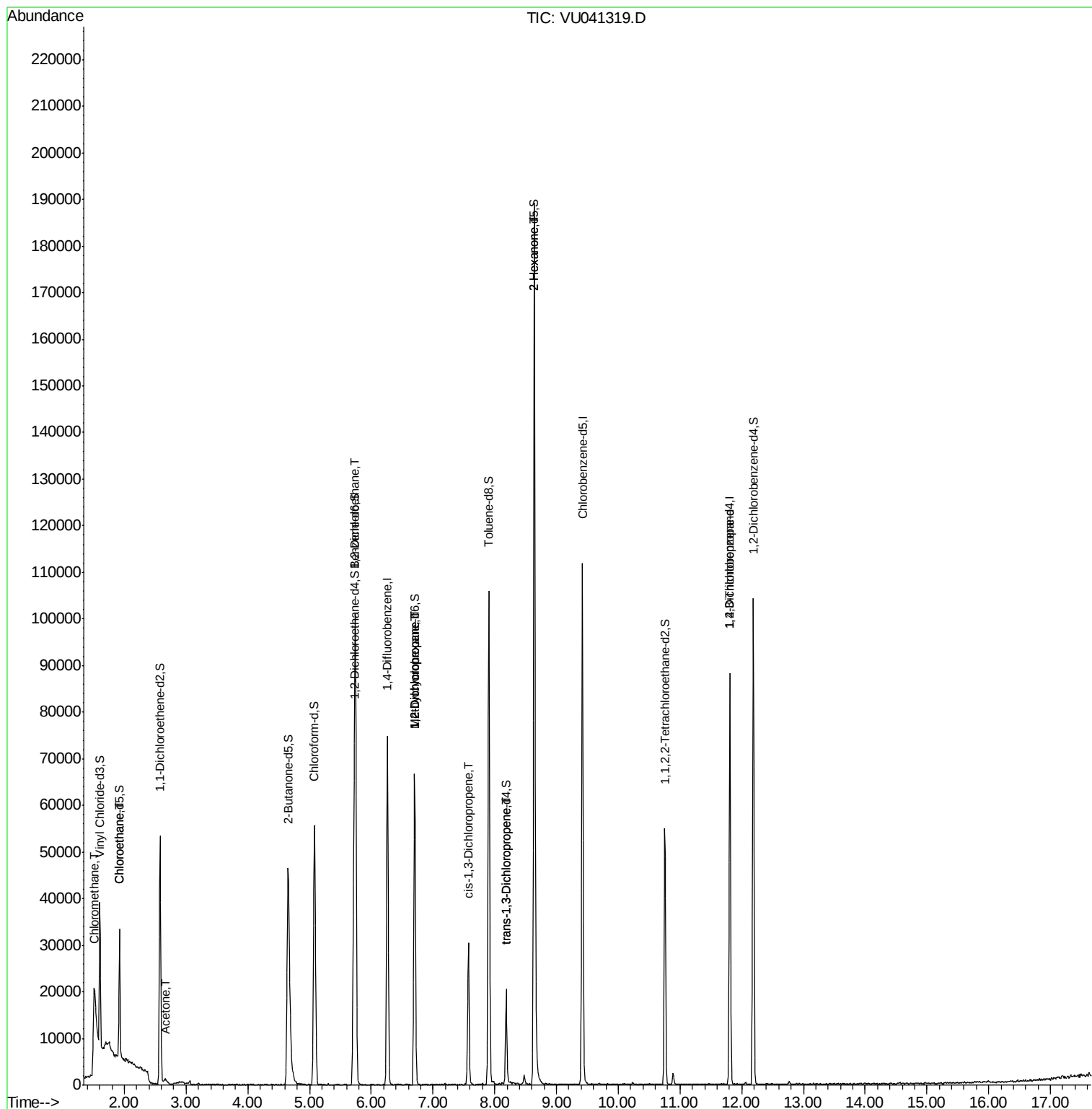
					Qvalue
3) Chloromethane	1.52	50	1076	0.220 ug/L #	43
8) Chloroethane	1.93	64	292	0.092 ug/L #	53
13) Acetone	2.66	43	1587	1.432 ug/L #	21
27) 1,2-Dichloroethane	5.74	62	447	0.073 ug/L #	74
35) Methylcyclohexane	6.70	83	7200	1.255 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3348	0.717 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	795	0.122 ug/L #	38
44) trans-1,3-Dichloropropene	8.19	75	550	0.089 ug/L	96
48) 2-Hexanone	8.64	43	9008	3.123 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	2848	0.773 ug/L #	88

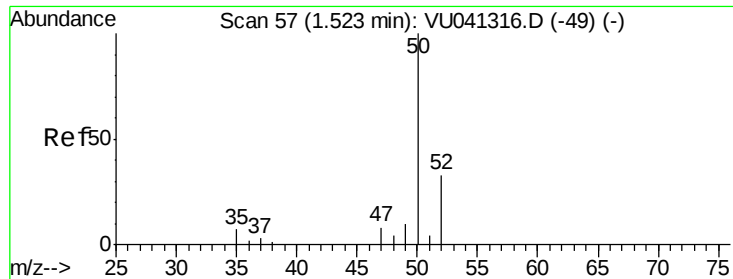
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.220 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041319.D

Acq: 18 Nov 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

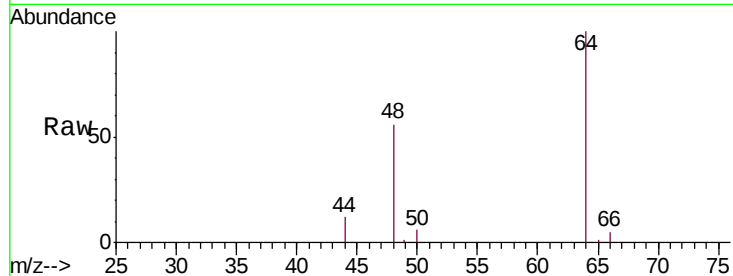
H4388

Tgt Ion: 50 Resp: 1076

Ion Ratio Lower Upper

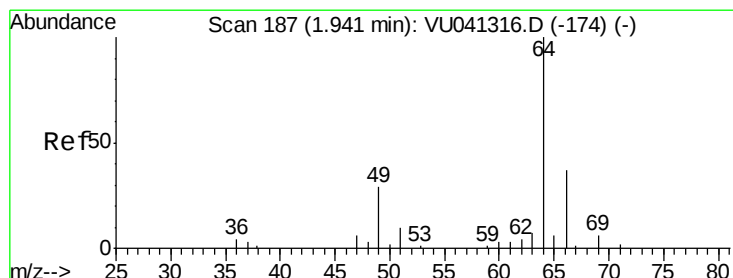
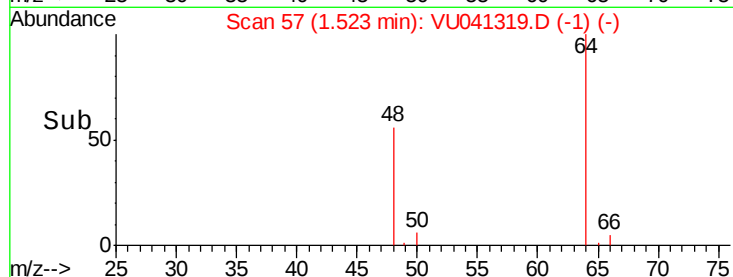
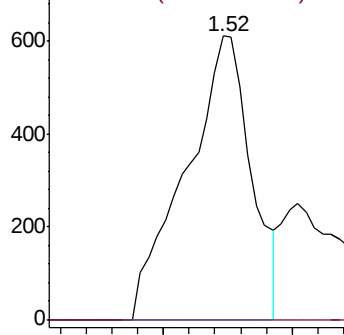
50 100

52 0.0 22.4 41.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU041319.D

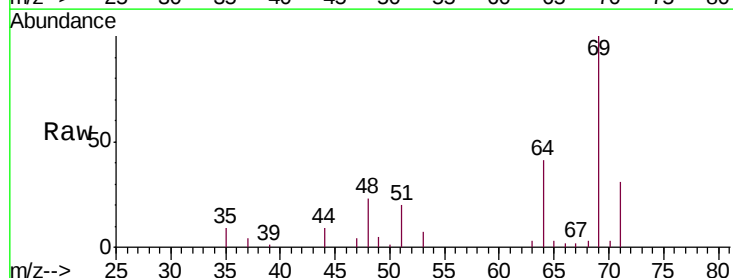
Acq: 18 Nov 2020 18:14

Tgt Ion: 64 Resp: 292

Ion Ratio Lower Upper

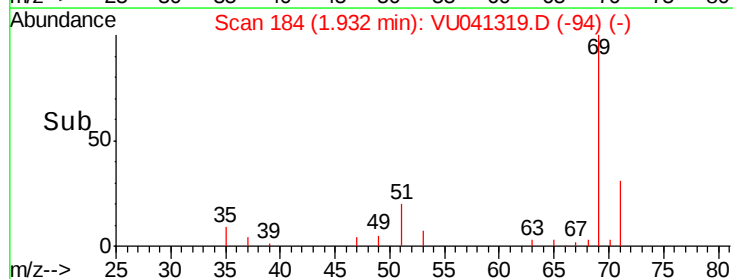
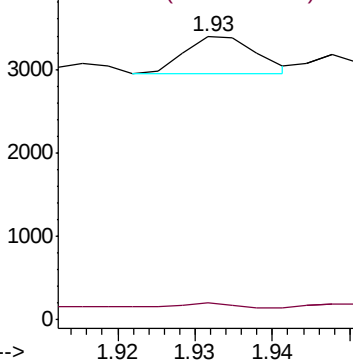
64 100

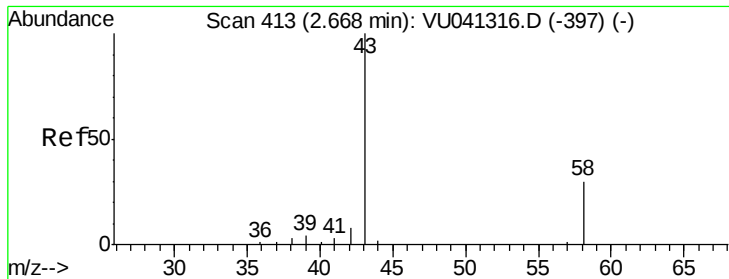
66 5.9 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 1.432 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041319.D

Acq: 18 Nov 2020 18:14

Instrument :

MSVOA_U

ClientSampled :

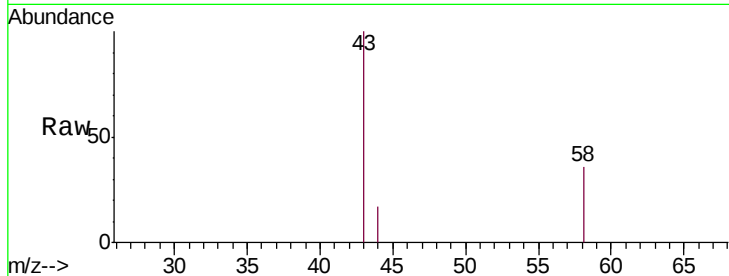
H4388

Tgt Ion: 43 Resp: 1587

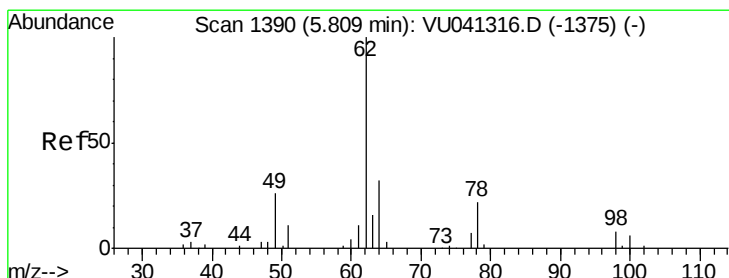
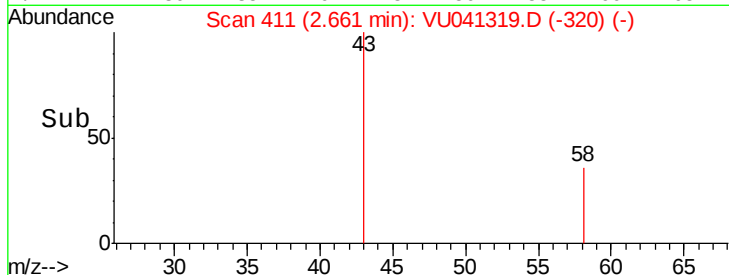
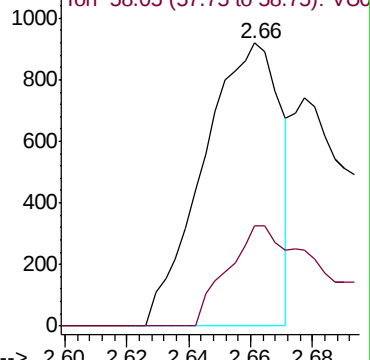
Ion Ratio Lower Upper

43 100

58 43.8 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041316.D (-397) (-)



#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041319.D

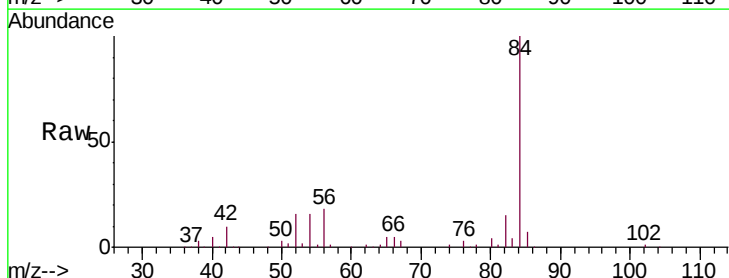
Acq: 18 Nov 2020 18:14

Tgt Ion: 62 Resp: 447

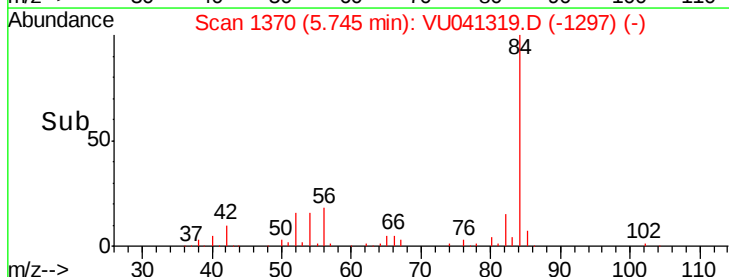
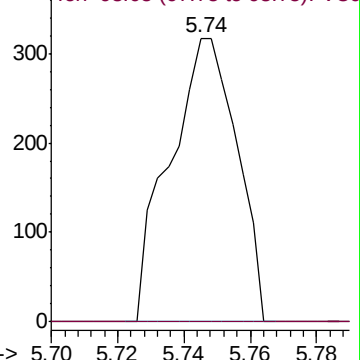
Ion Ratio Lower Upper

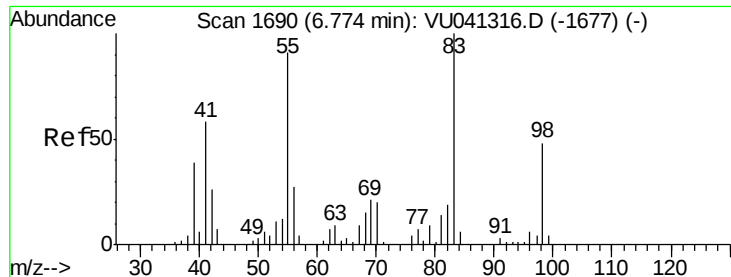
62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU041316.D (-1375) (-)

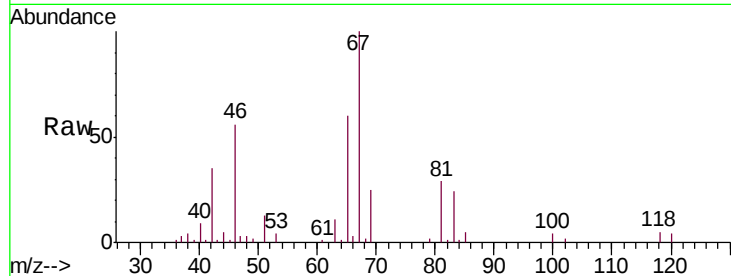




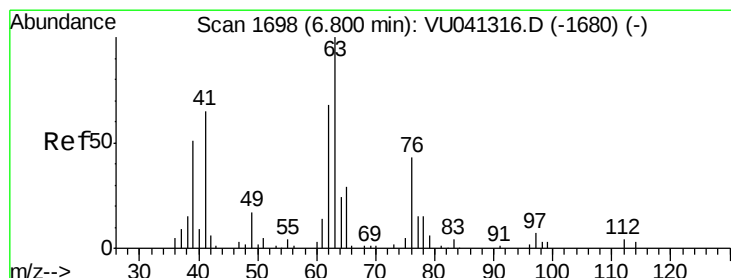
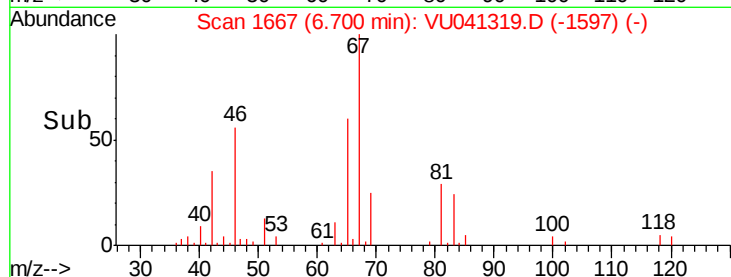
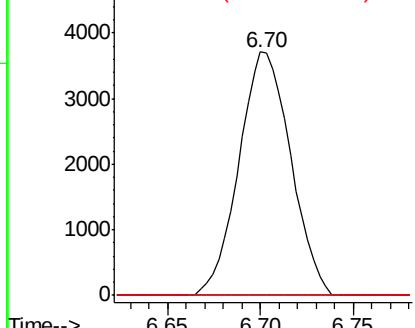
#35
Methylcyclohexane
Concen: 1.255 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041319.D
Acq: 18 Nov 2020 18:14

Instrument :
MSVOA_U
ClientSampleId :
H4388

Tgt Ion: 83 Resp: 7200
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

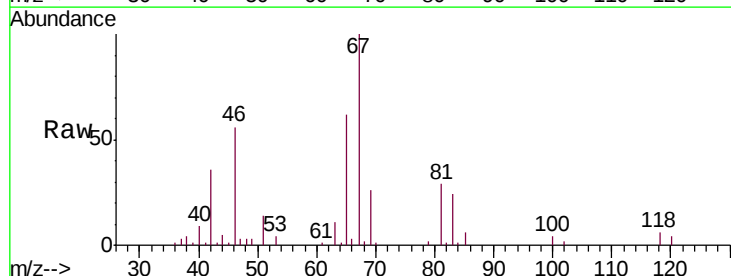


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

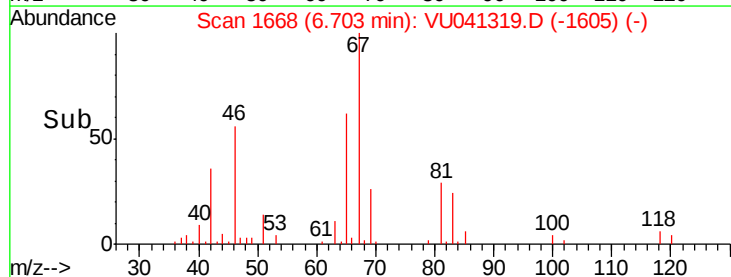
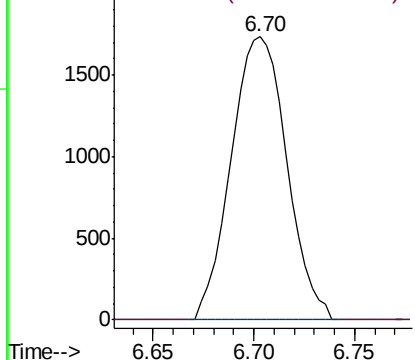


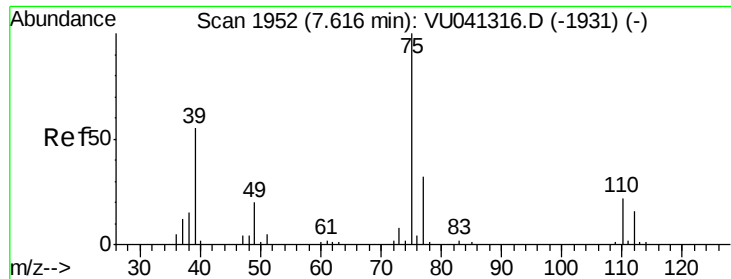
#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041319.D
Acq: 18 Nov 2020 18:14

Tgt Ion: 63 Resp: 3348
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

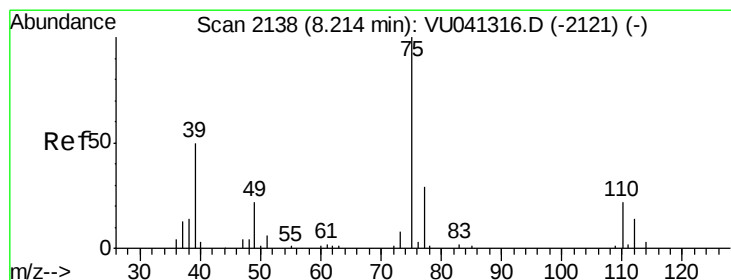
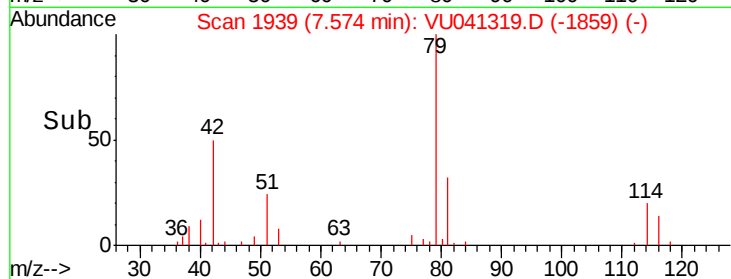
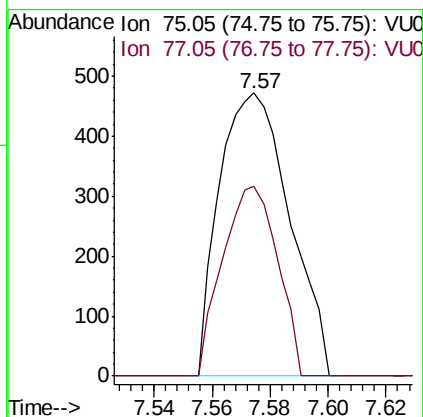
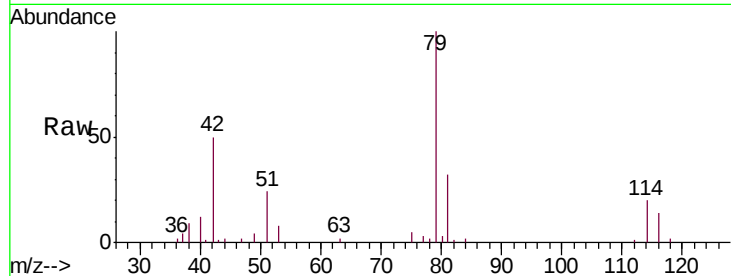




#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041319.D
 Acq: 18 Nov 2020 18:14

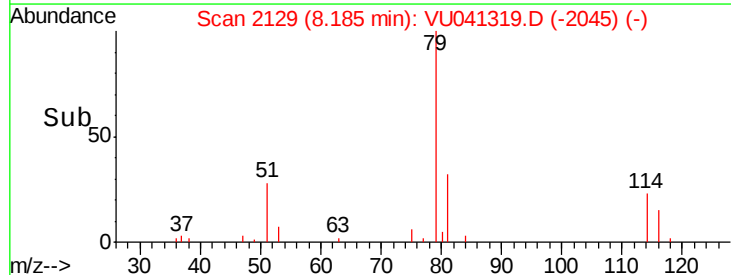
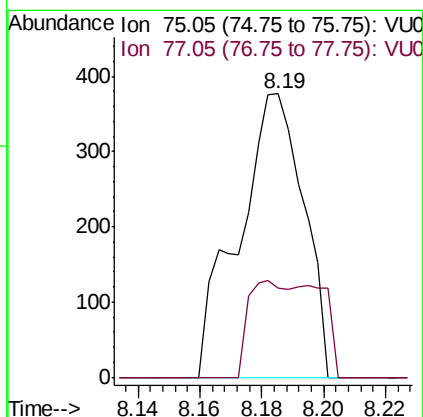
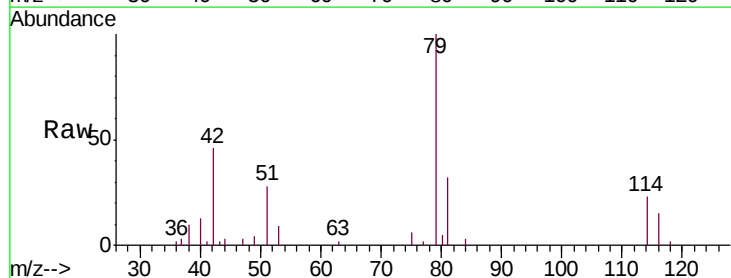
Instrument :
 MSVOA_U
 ClientSampleId :
 H4388

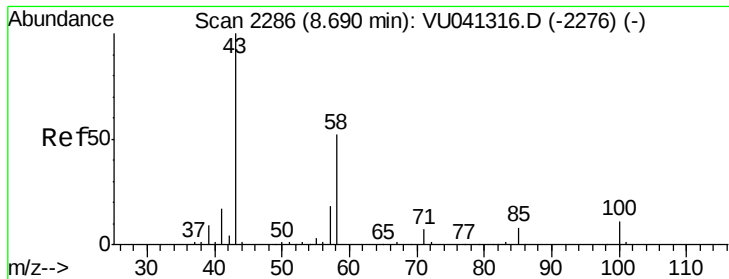
Tgt Ion: 75 Resp: 795
 Ion Ratio Lower Upper
 75 100
 77 67.2 22.7 42.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041319.D
 Acq: 18 Nov 2020 18:14

Tgt Ion: 75 Resp: 550
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.3 43.3





#48

2-Hexanone

Concen: 3.123 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041319.D

Acq: 18 Nov 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

H4388

Tgt Ion: 43 Resp: 9008

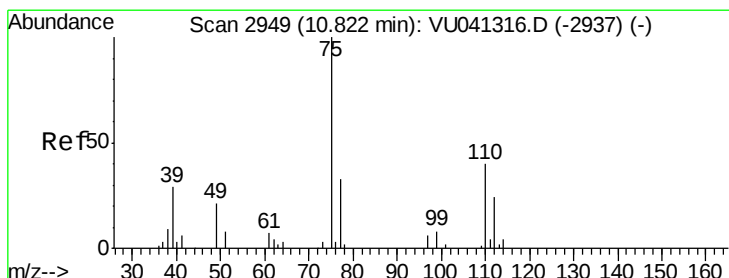
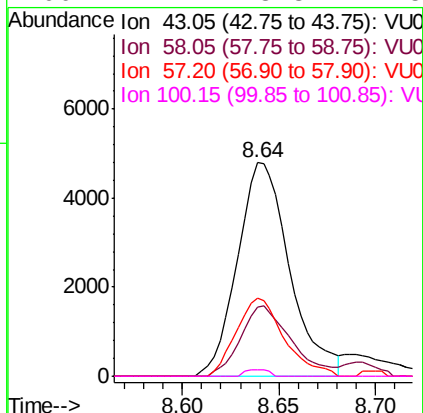
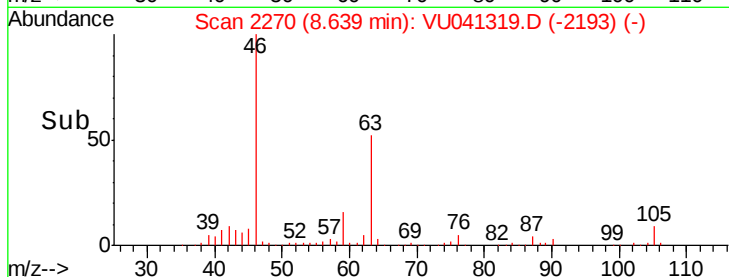
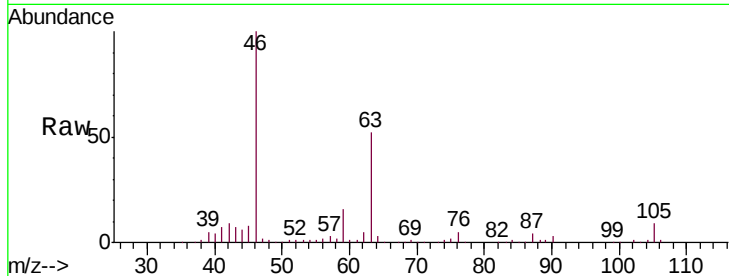
Ion Ratio Lower Upper

43 100

58 31.5 41.4 62.2#

57 33.6 14.6 21.8#

100 1.4 8.3 12.5#



#59

1,2,3-Trichloropropane

Concen: 0.773 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041319.D

Acq: 18 Nov 2020 18:14

Tgt Ion: 75 Resp: 2848

Ion Ratio Lower Upper

75 100

77 38.6 25.7 38.5#

