

Data File : VU041328.D
Acq On : 18 Nov 2020 21:48
Operator : SY/MD
Sample : L4790-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4395

Quant Time: Nov 19 00:53:35 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	65711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68753	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22034	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.92	69	19995	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	34989	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	94174	47.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	5.08	84	52951	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	33689	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	92830	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	32143	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	72838	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	12359	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	66701	45.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27638	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	29684	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	372	0.064 ug/L #	43
5) Vinyl chloride	1.61	62	69052	12.105 ug/L	98
8) Chloroethane	1.73	64	45205	11.939 ug/L #	50
12) 1,1-Dichloroethene	2.59	96	759	0.177 ug/L #	1
13) Acetone	2.67	43	2447	1.851 ug/L	98
14) Carbon disulfide	2.80	76	1639	0.130 ug/L #	93
18) trans-1,2-Dichloroethene	3.37	96	3295	0.791 ug/L	96
19) 1,1-Dichloroethane	3.89	63	786	0.084 ug/L #	87
22) cis-1,2-Dichloroethene	4.69	96	24792	5.269 ug/L	100
27) 1,2-Dichloroethane	5.74	62	624	0.086 ug/L #	74
30) Cyclohexane	5.39	56	379	0.055 ug/L #	79
33) Benzene	5.78	78	1345	0.072 ug/L	100
34) Trichloroethene	6.56	95	924	0.183 ug/L #	79
35) Methylcyclohexane	6.77	83	535	0.080 ug/L #	71
37) 1,2-Dichloropropane	6.70	63	3608	0.663 ug/L #	93
39) cis-1,3-Dichloropropene	7.58	75	889	0.117 ug/L #	61
44) trans-1,3-Dichloropropene	8.19	75	570	0.079 ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Quantitation Report (Not Reviewed)

Data File : VU041328.D
Acq On : 18 Nov 2020 21:48
Operator : SY/MD
Sample : L4790-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4395

Quant Time: Nov 19 00:53:35 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

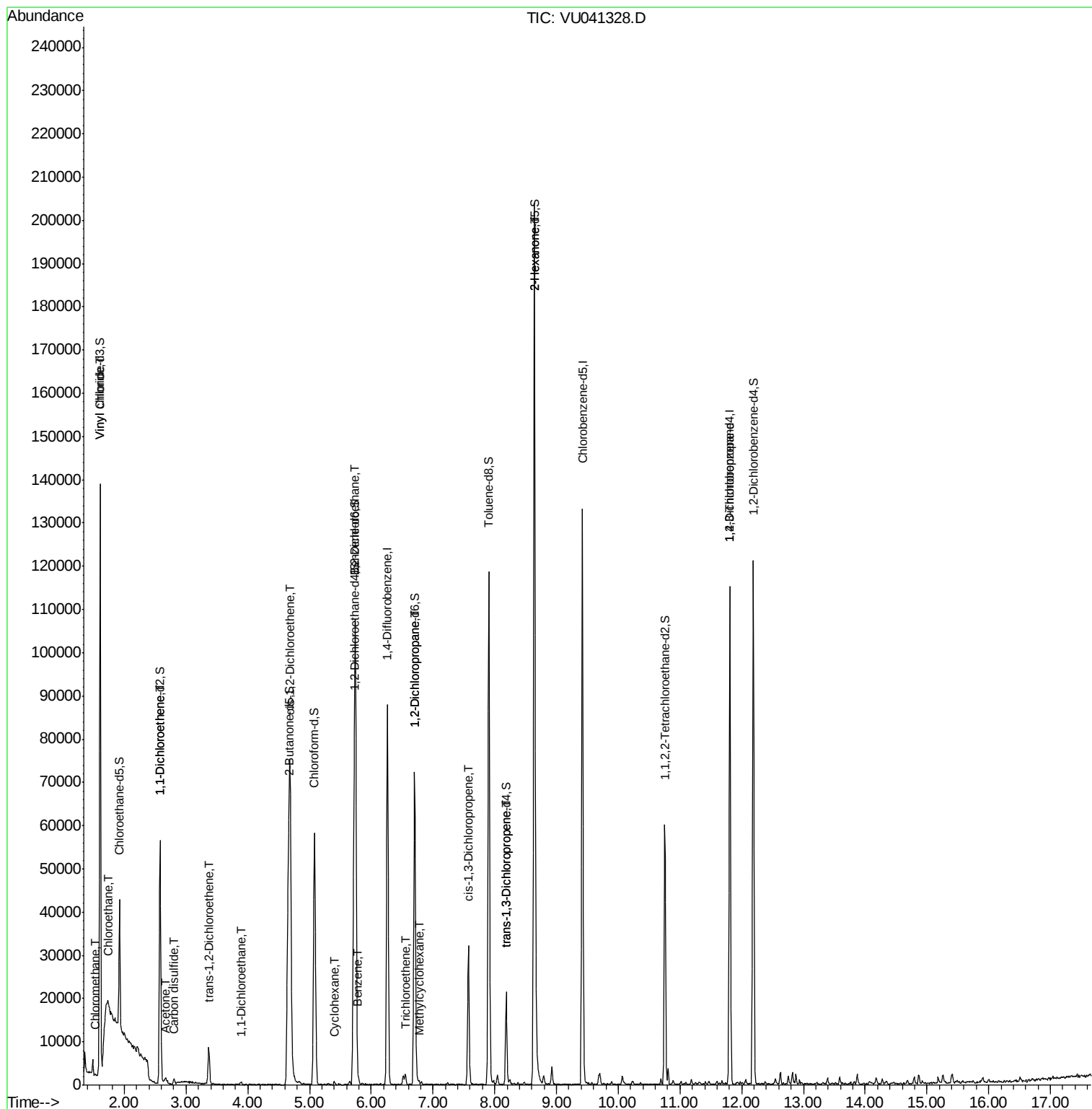
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.64	43	10833	3.220	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	3712	0.864	ug/L #	84

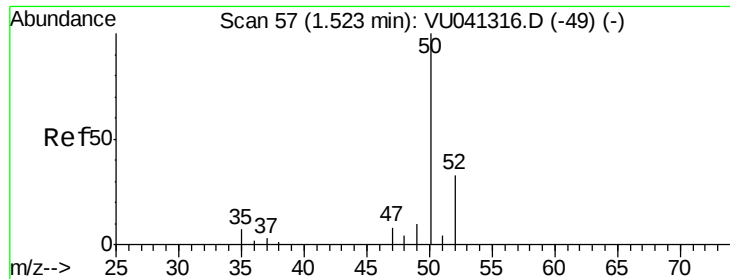
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU041328.D
Acq On : 18 Nov 2020 21:48
Operator : SY/MD
Sample : L4790-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4395

Quant Time: Nov 19 00:53:35 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





#3

Chloromethane

Concen: 0.064 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

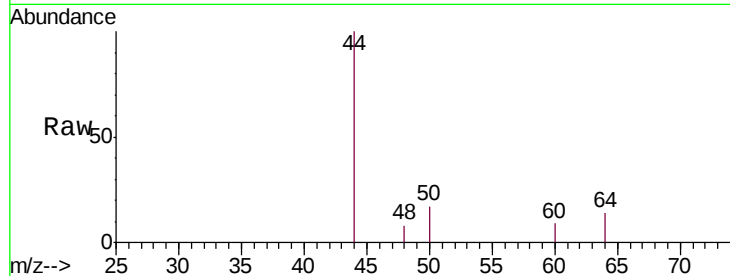
H4395

Tgt Ion: 50 Resp: 372

Ion Ratio Lower Upper

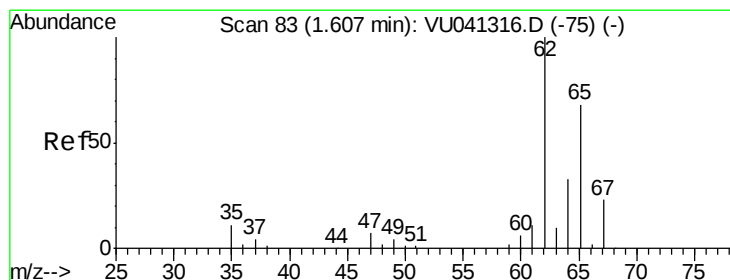
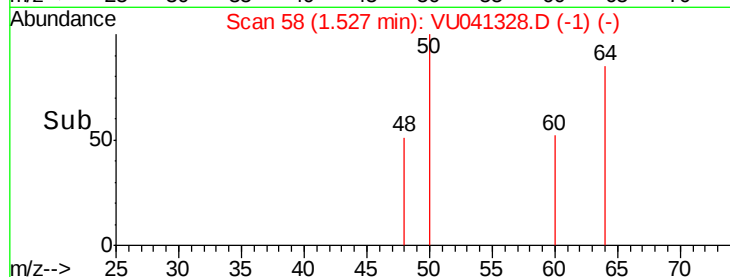
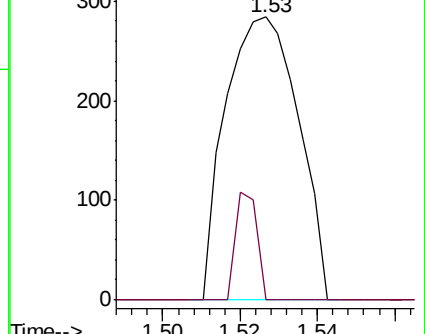
50 100

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



#5

Vinyl chloride

Concen: 12.105 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041328.D

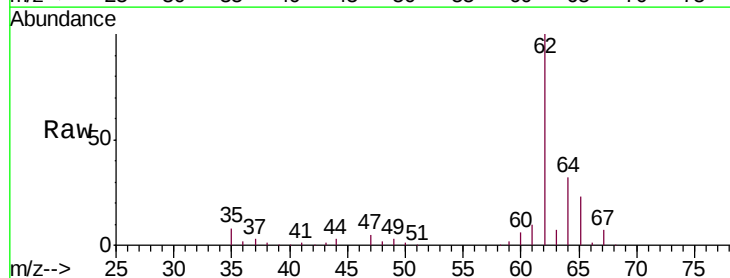
Acq: 18 Nov 2020 21:48

Tgt Ion: 62 Resp: 69052

Ion Ratio Lower Upper

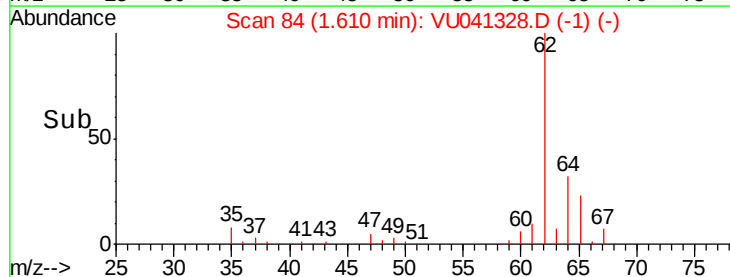
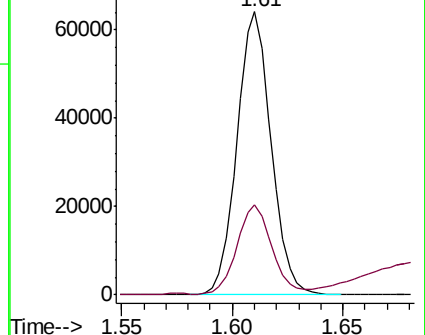
62 100

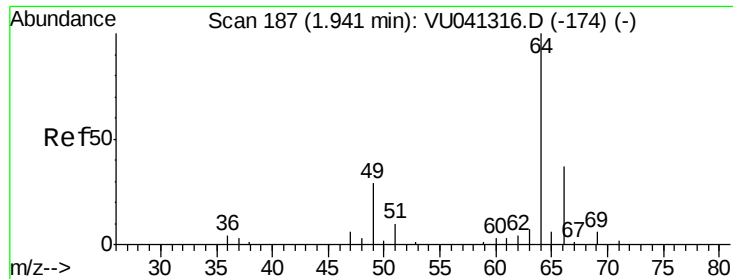
64 31.6 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#8

Chloroethane

Concen: 11.939 ug/L

RT: 1.73 min Scan# 121

Delta R.T. -0.21 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

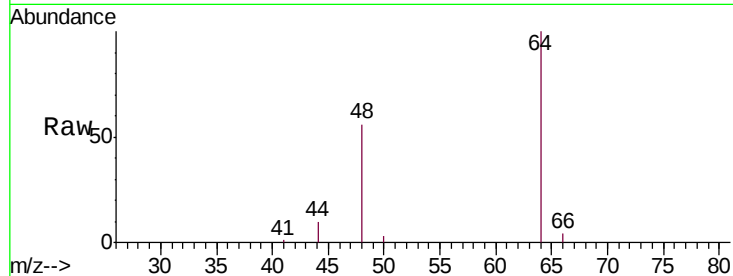
H4395

Tgt Ion: 64 Resp: 45205

Ion Ratio Lower Upper

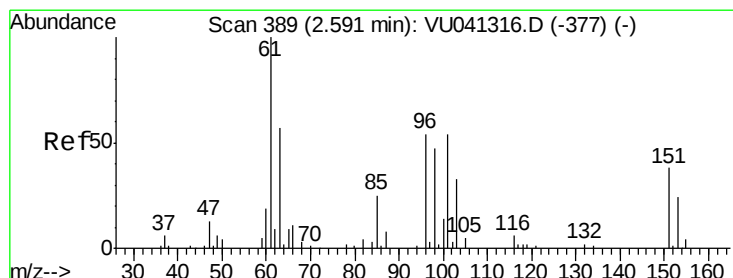
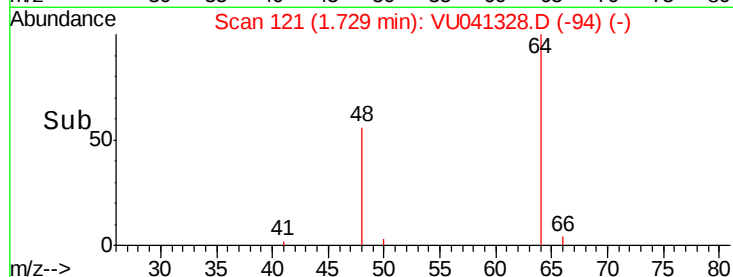
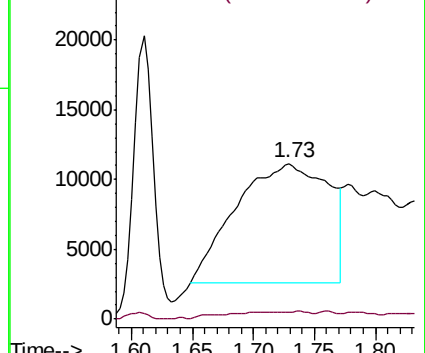
64 100

66 4.2 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#12

1,1-Dichloroethene

Concen: 0.177 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

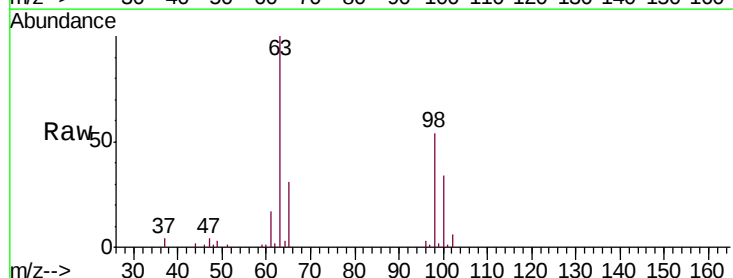
Tgt Ion: 96 Resp: 759

Ion Ratio Lower Upper

96 100

61 537.5 134.3 249.5#

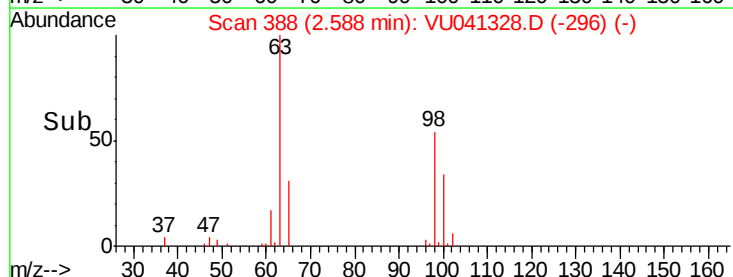
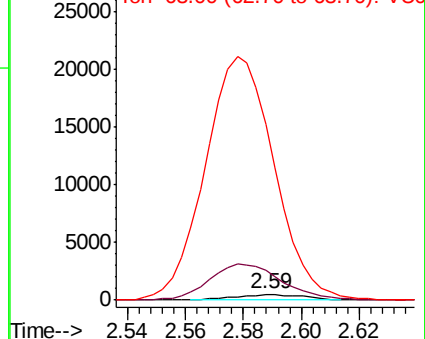
63 3189.5 95.0 176.4#

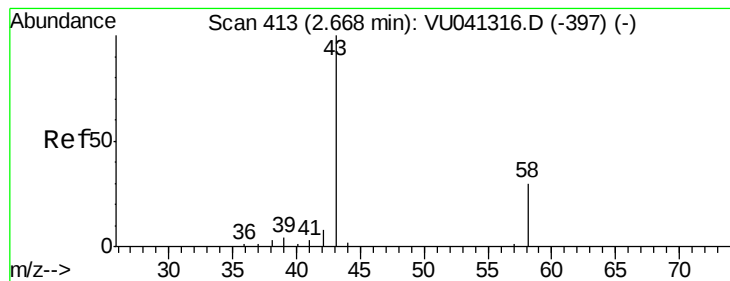


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.851 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

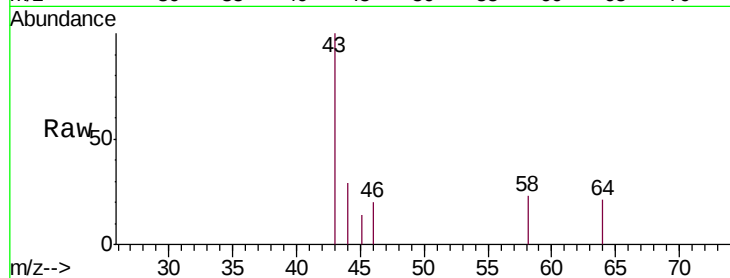
H4395

Tgt Ion: 43 Resp: 2447

Ion Ratio Lower Upper

43 100

58 12.0 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

800

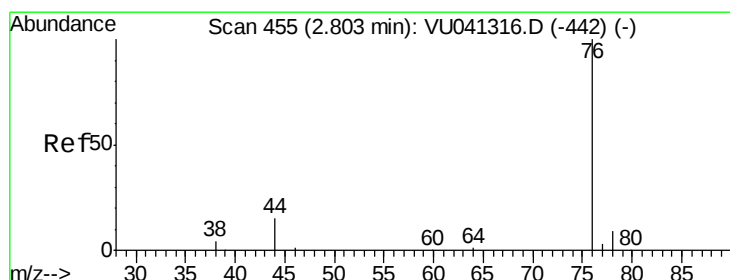
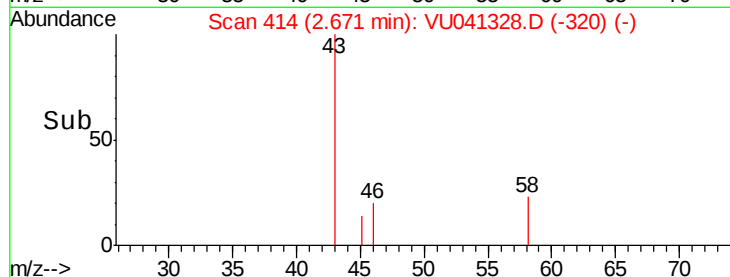
600

400

200

0

Time-->



#14

Carbon disulfide

Concen: 0.130 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU041328.D

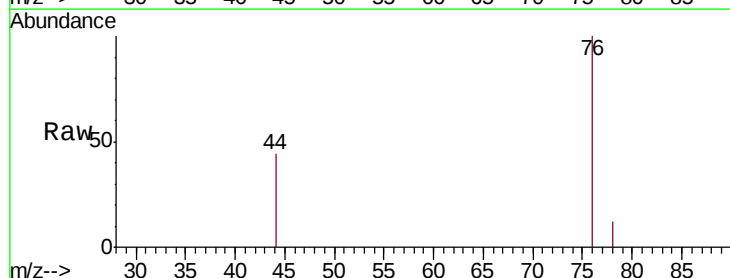
Acq: 18 Nov 2020 21:48

Tgt Ion: 76 Resp: 1639

Ion Ratio Lower Upper

76 100

78 12.0 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.80

1000

800

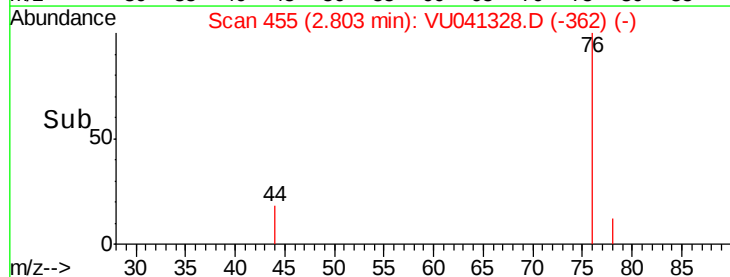
600

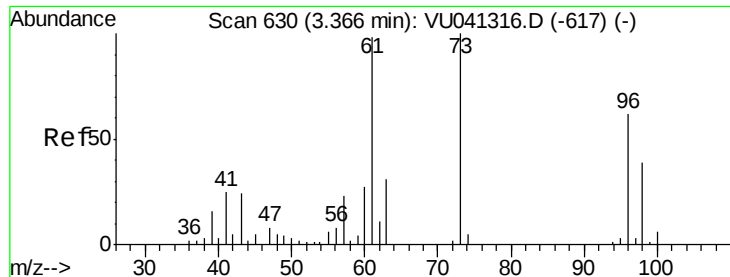
400

200

0

Time-->

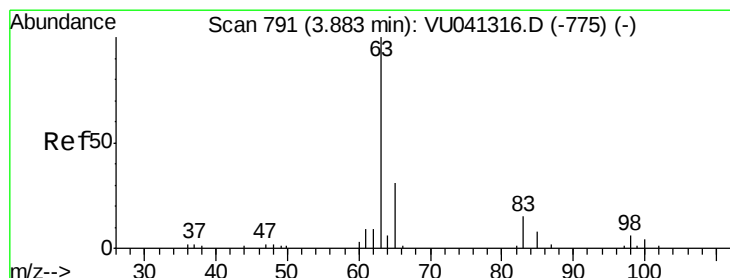
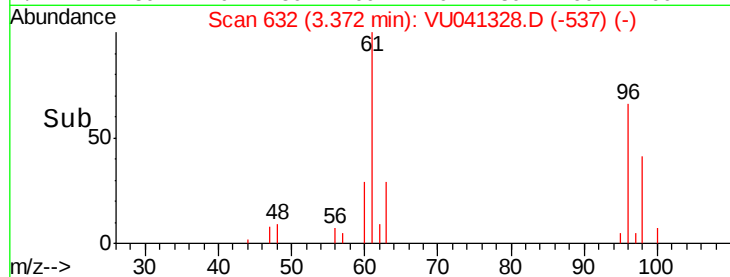
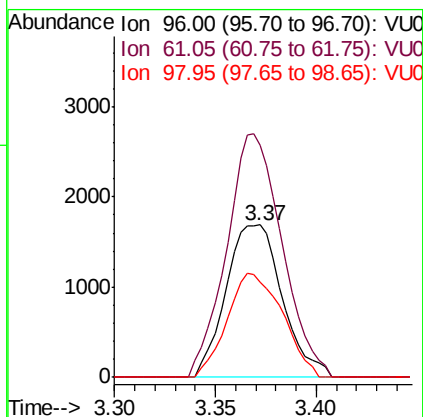
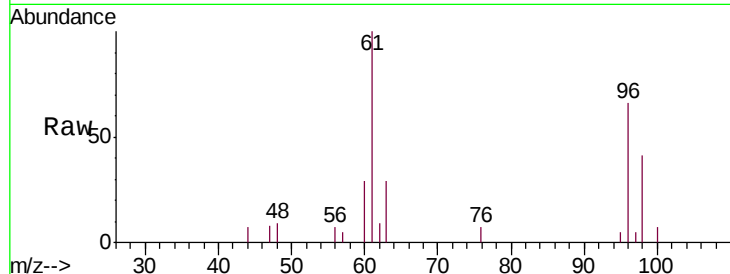




#18
 trans-1,2-Dichloroethene
 Concen: 0.791 ug/L
 RT: 3.37 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

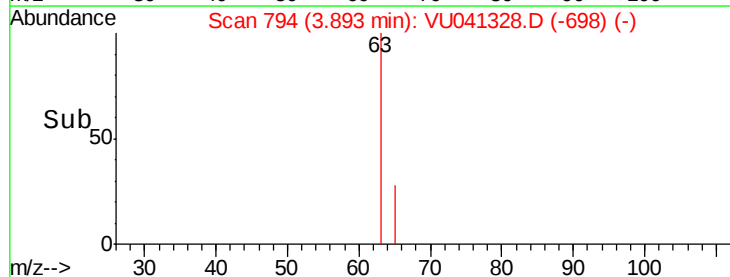
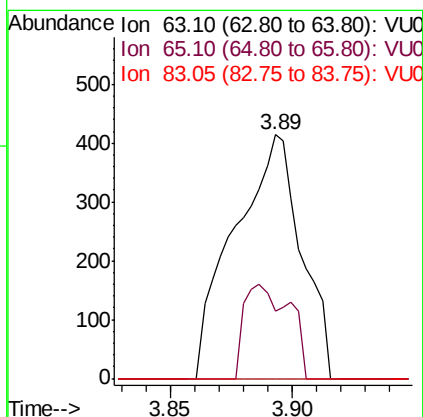
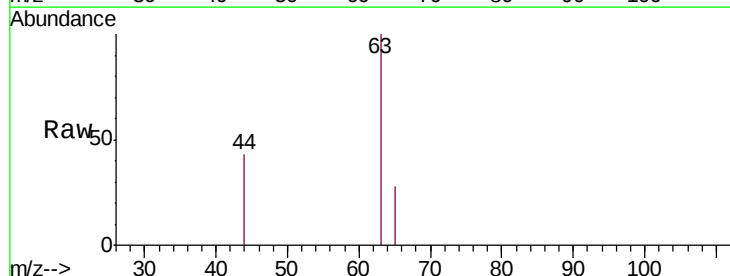
Instrument :
 MSVOA_U
 ClientSampleId :
 H4395

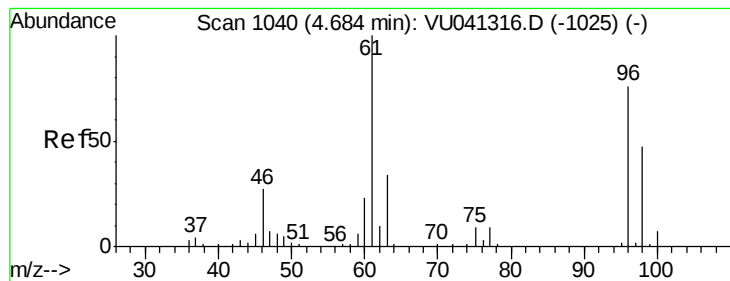
Tgt Ion: 96 Resp: 3295
 Ion Ratio Lower Upper
 96 100
 61 152.6 110.9 205.9
 98 62.6 45.4 84.2



#19
 1,1-Dichloroethane
 Concen: 0.084 ug/L
 RT: 3.89 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

Tgt Ion: 63 Resp: 786
 Ion Ratio Lower Upper
 63 100
 65 27.8 21.3 39.6
 83 0.0 8.8 16.3#





#22

cis-1,2-Dichloroethene

Concen: 5.269 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

H4395

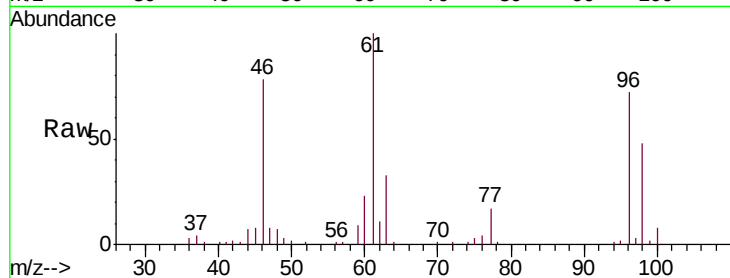
Tgt Ion: 96 Resp: 24792

Ion Ratio Lower Upper

96 100

61 138.5 97.2 180.4

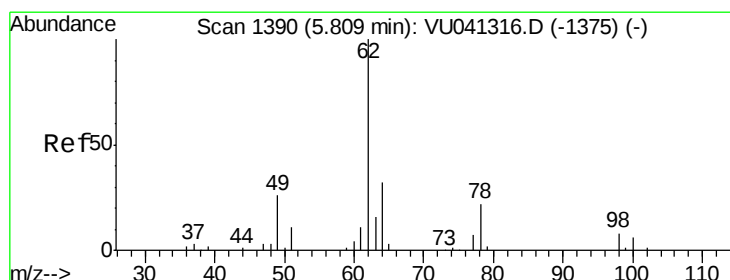
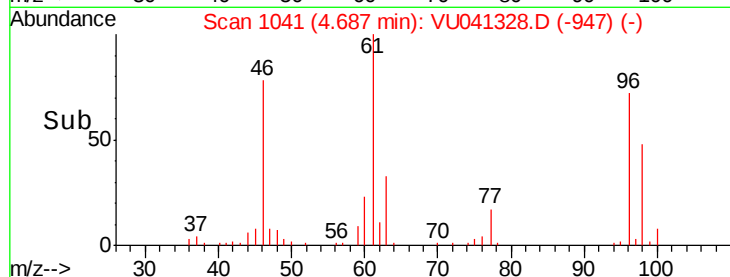
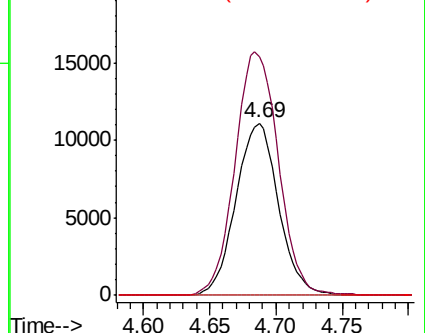
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041328.D

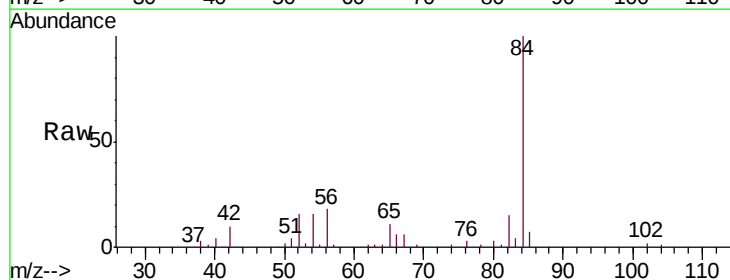
Acq: 18 Nov 2020 21:48

Tgt Ion: 62 Resp: 624

Ion Ratio Lower Upper

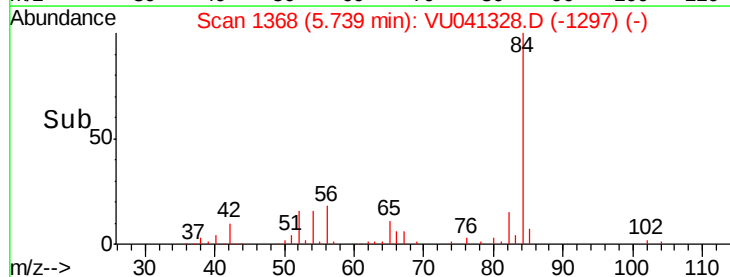
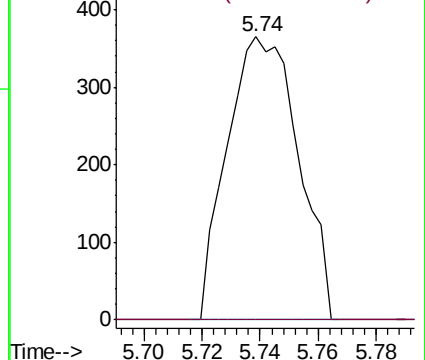
62 100

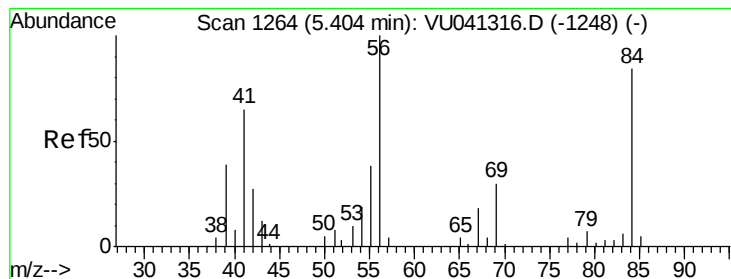
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#30

Cyclohexane

Concen: 0.055 ug/L

RT: 5.39 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VU041328.D

Acq: 18 Nov 2020 21:48

Instrument :

MSVOA_U

ClientSampleId :

H4395

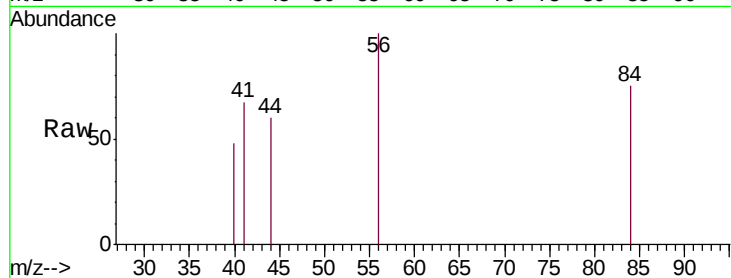
Tgt Ion: 56 Resp: 379

Ion Ratio Lower Upper

56 100

69 0.0 22.8 34.2#

84 71.5 63.6 95.4

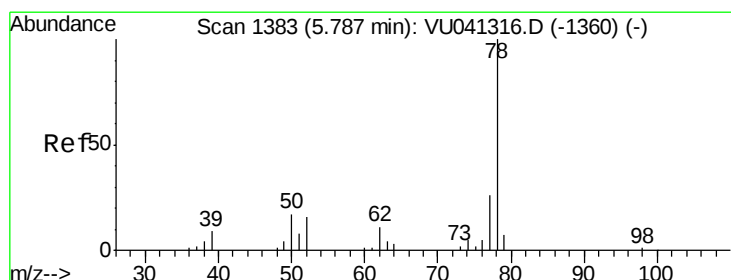
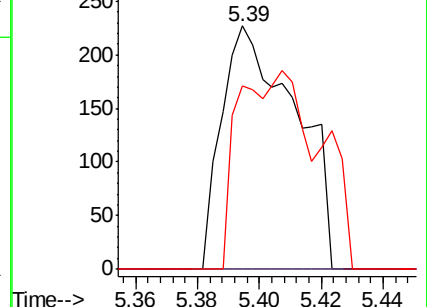
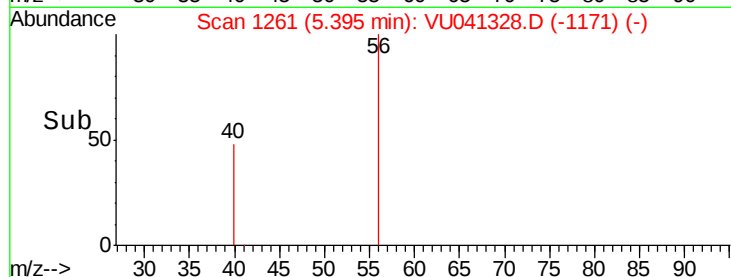


Abundance Ion 56.10 (55.80 to 56.80): VU041328.D (-1261) (-)

Ion 69.15 (68.85 to 69.85): VU041328.D (-1261) (-)

Ion 84.15 (83.85 to 84.85): VU041328.D (-1261) (-)

Time-->



#33

Benzene

Concen: 0.072 ug/L

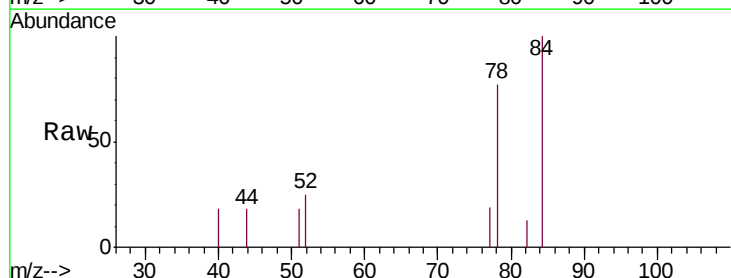
RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU041328.D

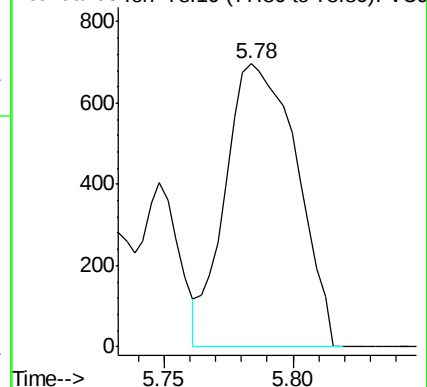
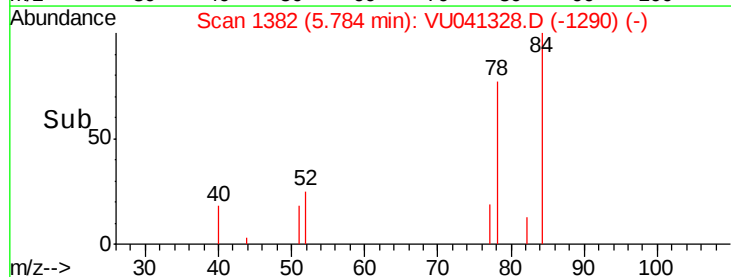
Acq: 18 Nov 2020 21:48

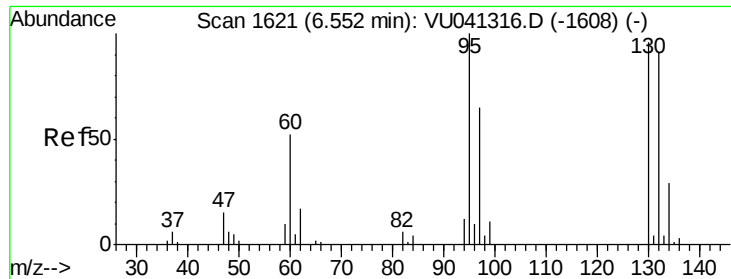
Tgt Ion: 78 Resp: 1345



Abundance Ion 78.10 (77.80 to 78.80): VU041328.D (-1382) (-)

Time-->

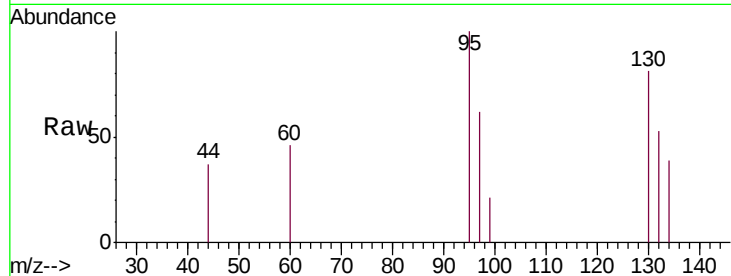




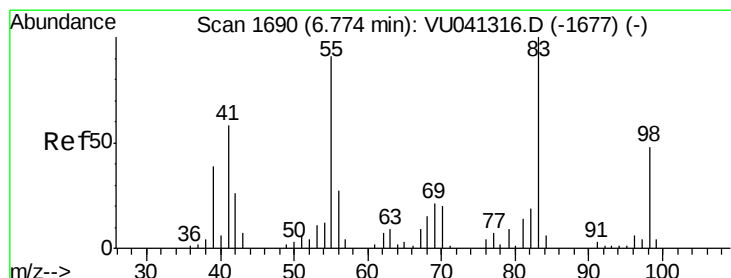
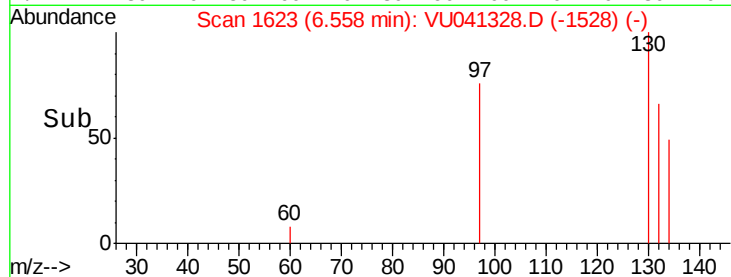
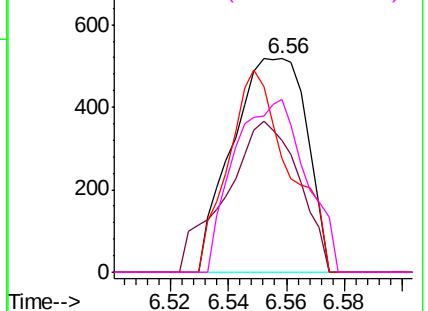
#34
 Trichloroethene
 Concen: 0.183 ug/L
 RT: 6.56 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

Instrument :
 MSVOA_U
 ClientSampleId :
 H4395

Tgt Ion: 95 Resp: 924
 Ion Ratio Lower Upper
 95 100
 97 61.6 45.6 84.6
 132 53.5 64.8 120.4#
 130 80.7 64.8 120.4

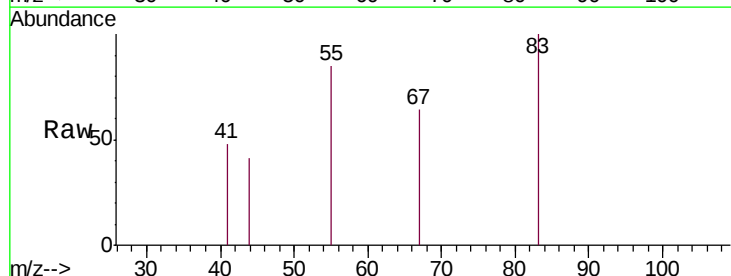


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

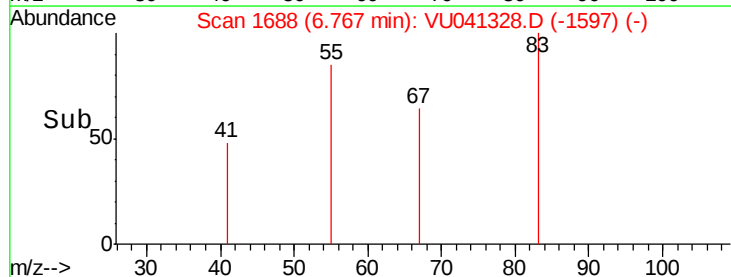
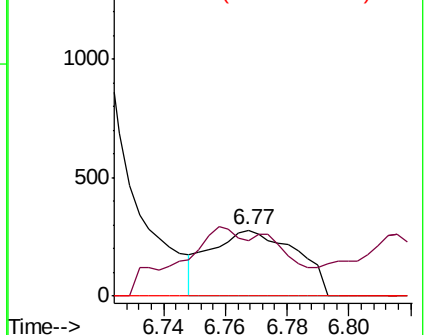


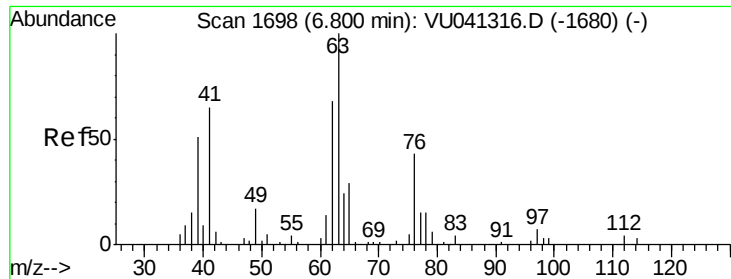
#35
 Methylcyclohexane
 Concen: 0.080 ug/L
 RT: 6.77 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

Tgt Ion: 83 Resp: 535
 Ion Ratio Lower Upper
 83 100
 55 82.4 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

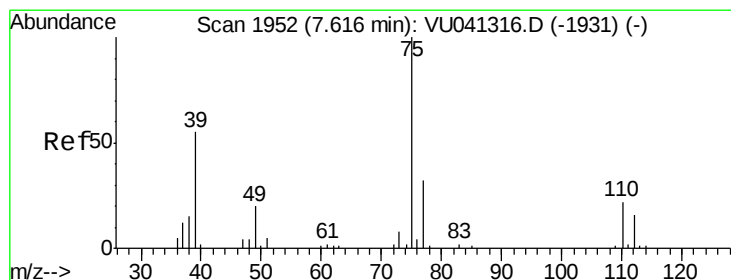
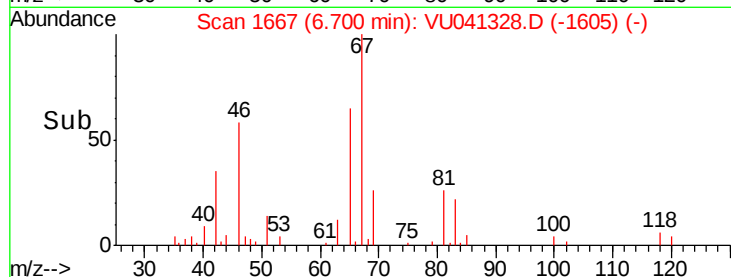
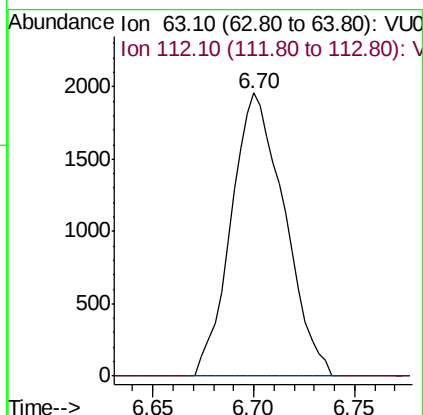
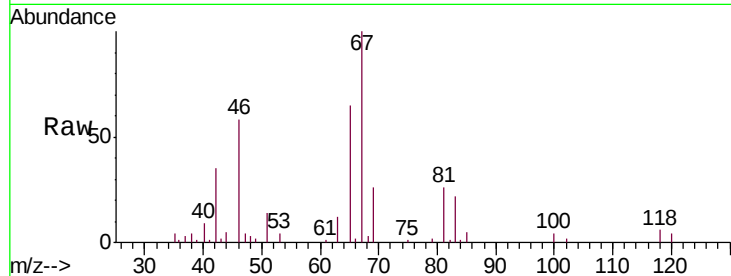




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

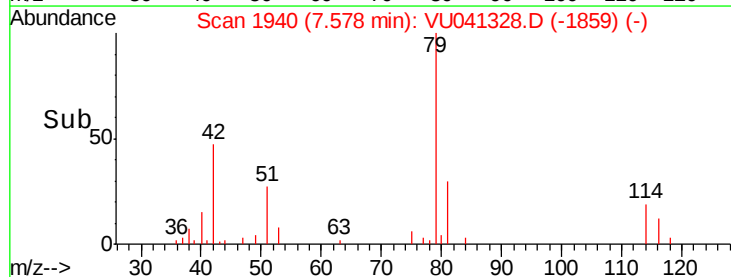
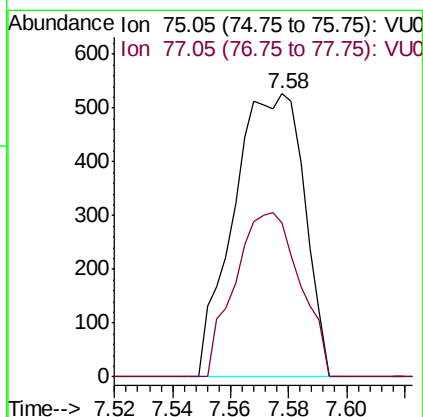
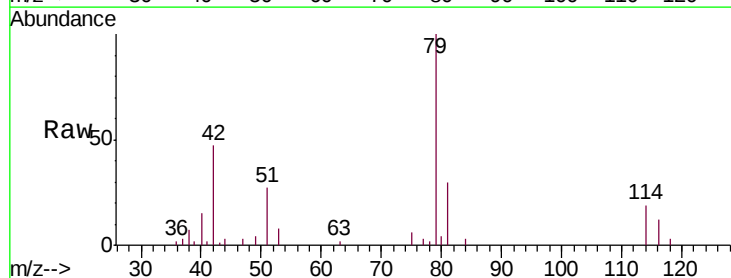
Instrument :
 MSVOA_U
 ClientSampleId :
 H4395

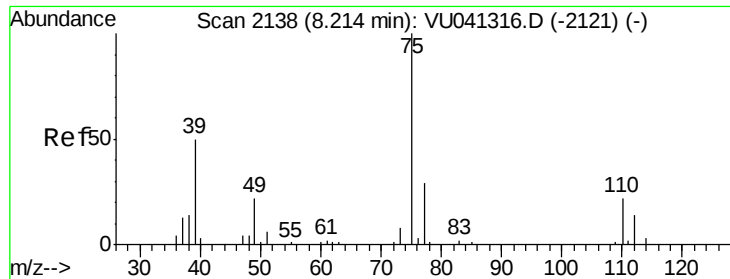
Tgt Ion: 63 Resp: 3608
 Ion Ratio Lower Upper
 63 100
 112 2.1 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

Tgt Ion: 75 Resp: 889
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.7 42.3#

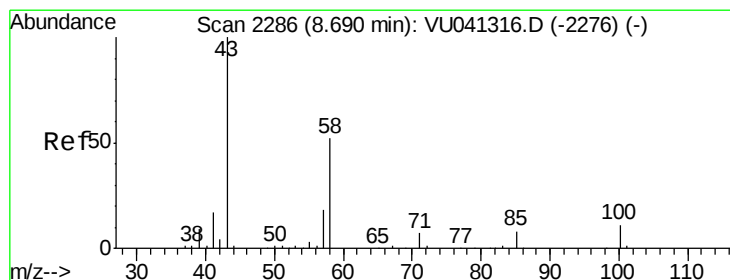
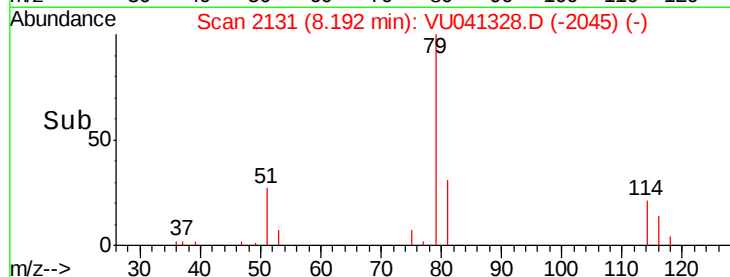
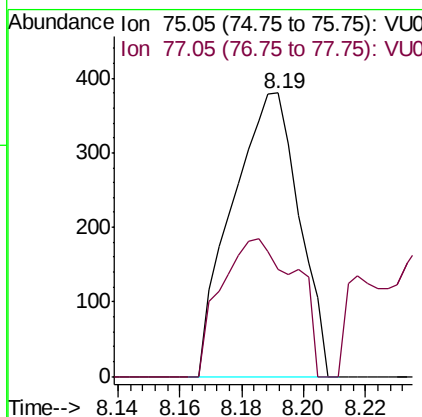
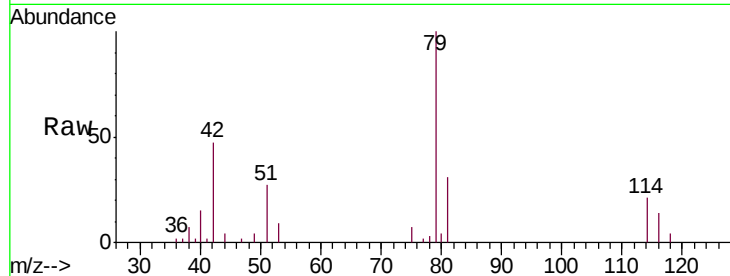




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU041328.D
Acq: 18 Nov 2020 21:48

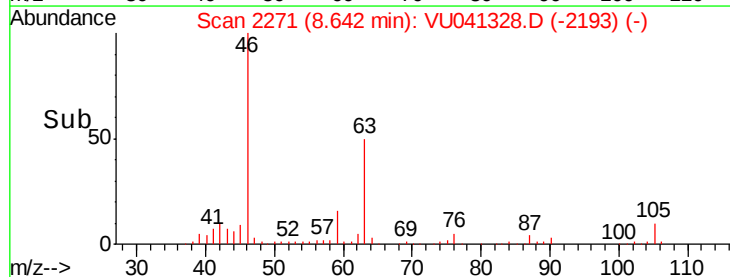
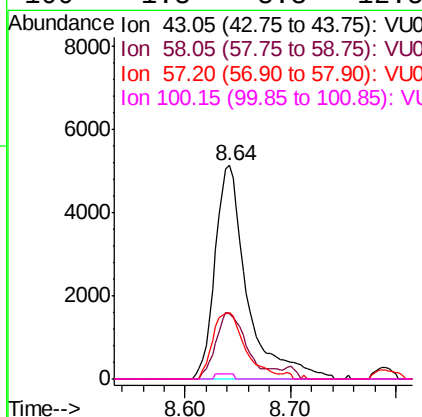
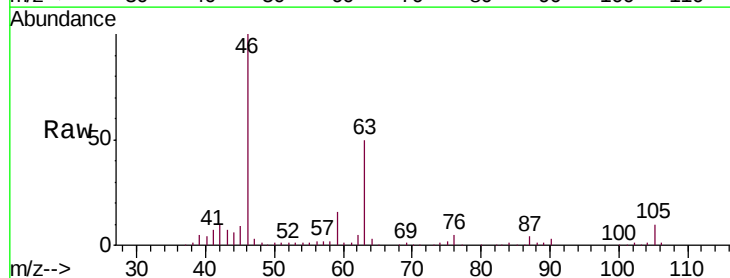
Instrument :
MSVOA_U
ClientSampled :
H4395

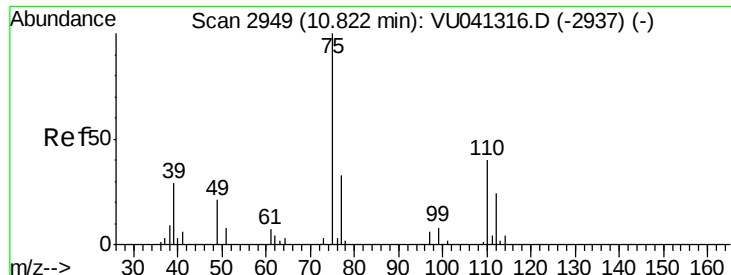
Tgt Ion: 75 Resp: 570
Ion Ratio Lower Upper
75 100
77 37.9 23.3 43.3



#48
2-Hexanone
Concen: 3.220 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041328.D
Acq: 18 Nov 2020 21:48

Tgt Ion: 43 Resp: 10833
Ion Ratio Lower Upper
43 100
58 28.4 41.4 62.2#
57 31.4 14.6 21.8#
100 1.3 8.3 12.5#





#59
 1,2,3-Trichloropropane
 Concen: 0.864 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU041328.D
 Acq: 18 Nov 2020 21:48

Instrument :
 MSVOA_U
 ClientSampleId :
 H4395

Tgt Ion: 75 Resp: 3712
 Ion Ratio Lower Upper
 75 100
 77 41.0 25.7 38.5#

