

Data File : VU041329.D
Acq On : 18 Nov 2020 22:11
Operator : SY/MD
Sample : L4790-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4396

Quant Time: Nov 19 00:53:53 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	64815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21008	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	18867	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	33958	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	96895	49.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	5.08	84	50192	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	32375	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	87632	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	30489	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	71774	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	11881	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	67202	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28185	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	28777	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	729	0.127 ug/L	96
5) Vinyl chloride	1.61	62	64483	11.460 ug/L	97
8) Chloroethane	1.95	64	1252	0.335 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	247	0.052 ug/L #	22
12) 1,1-Dichloroethene	2.59	96	815	0.193 ug/L #	1
13) Acetone	2.66	43	2630	2.017 ug/L	99
14) Carbon disulfide	2.81	76	1174	0.095 ug/L #	74
18) trans-1,2-Dichloroethene	3.37	96	3127	0.761 ug/L	88
19) 1,1-Dichloroethane	3.89	63	833	0.091 ug/L #	87
22) cis-1,2-Dichloroethene	4.68	96	26014	5.605 ug/L	99
27) 1,2-Dichloroethane	5.74	62	611	0.085 ug/L #	74
33) Benzene	5.78	78	1221	0.068 ug/L	100
34) Trichloroethene	6.55	95	832	0.171 ug/L	91
35) Methylcyclohexane	6.78	83	230	0.036 ug/L #	83
37) 1,2-Dichloropropane	6.70	63	3504	0.668 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	784	0.107 ug/L #	83
44) trans-1,3-Dichloropropene	8.19	75	495	0.071 ug/L #	77

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

Data File : VU041329.D
Acq On : 18 Nov 2020 22:11
Operator : SY/MD
Sample : L4790-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4396

Quant Time: Nov 19 00:53:53 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

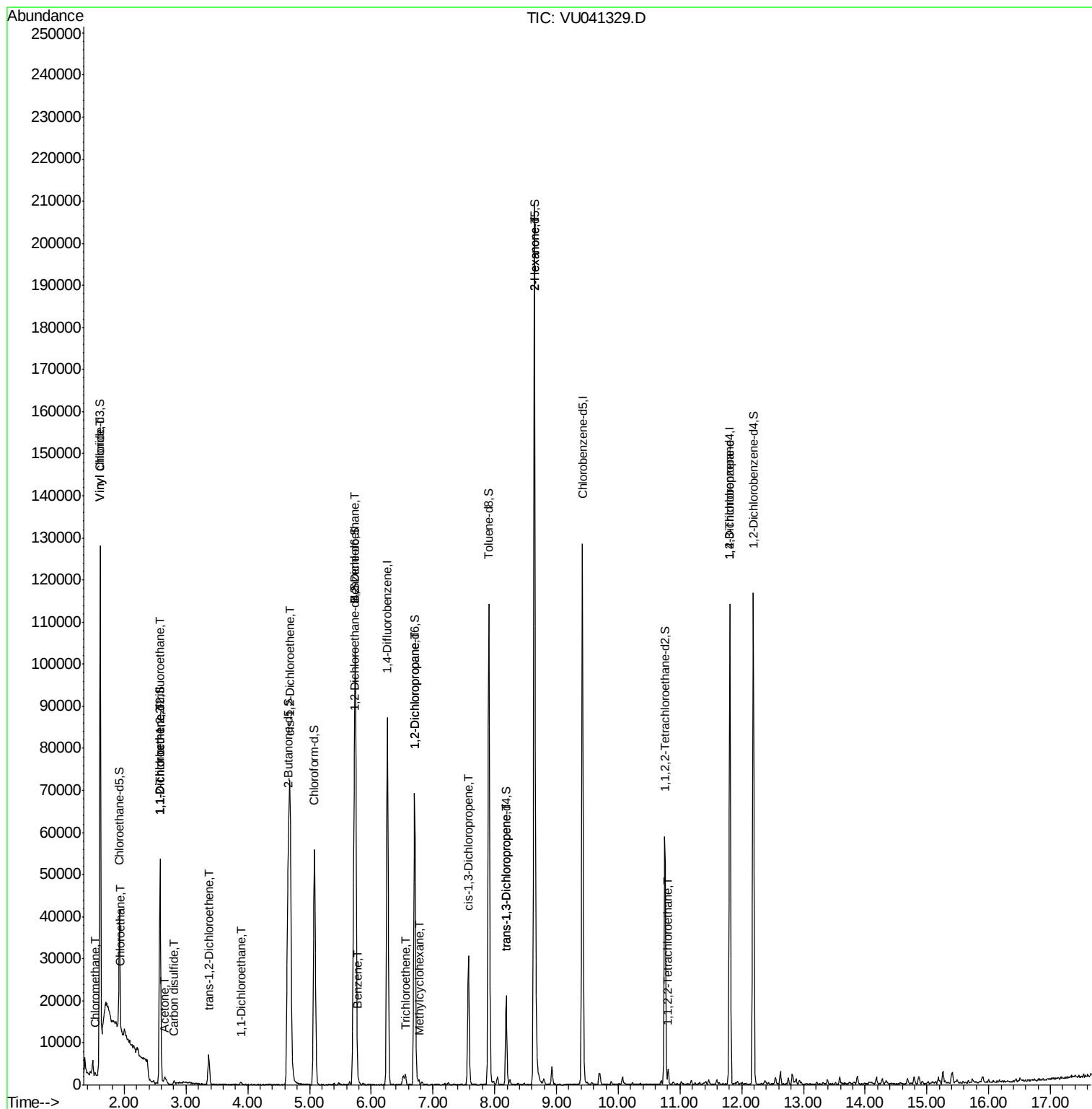
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.64	43	9876	3.046	ug/L #	74
58) 1,1,2,2-Tetrachloroethane	10.81	83	373	0.070	ug/L #	26
59) 1,2,3-Trichloropropane	11.81	75	3856	0.932	ug/L #	88

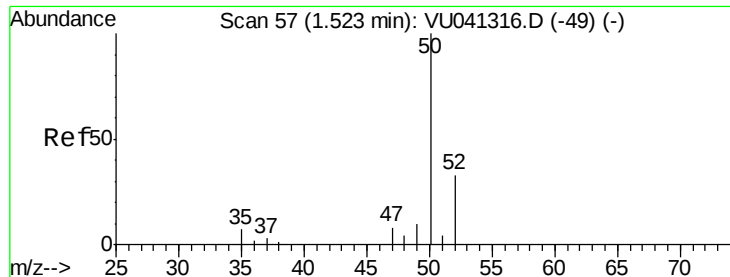
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU041329.D
Acq On : 18 Nov 2020 22:11
Operator : SY/MD
Sample : L4790-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4396

Quant Time: Nov 19 00:53:53 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

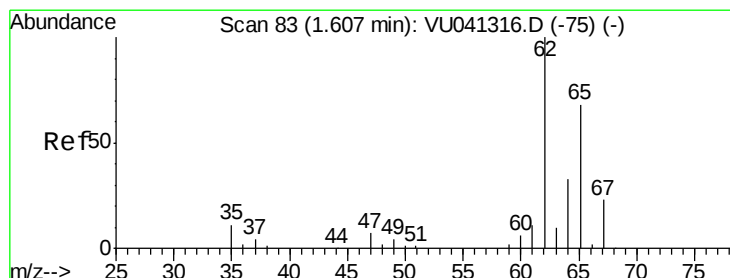
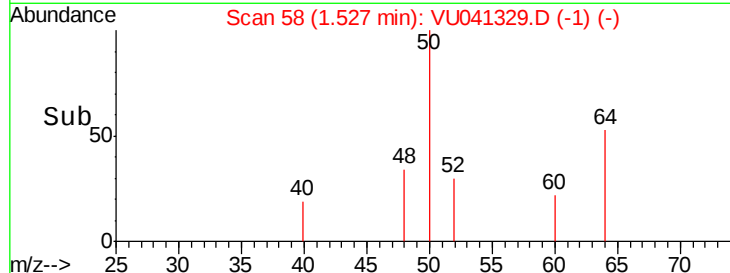
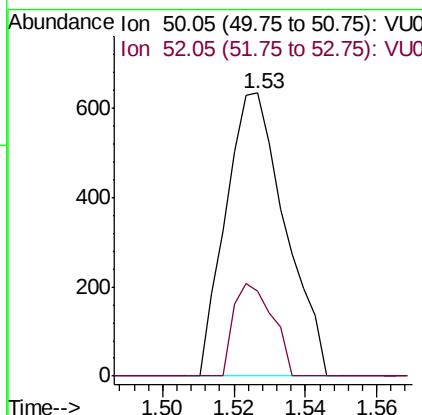
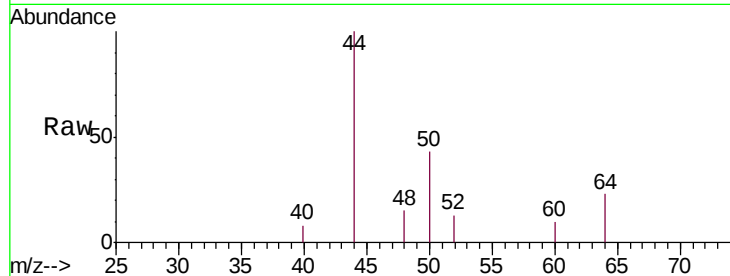




#3
 Chloromethane
 Concen: 0.127 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

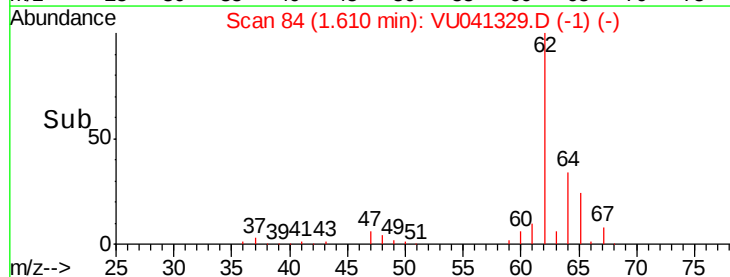
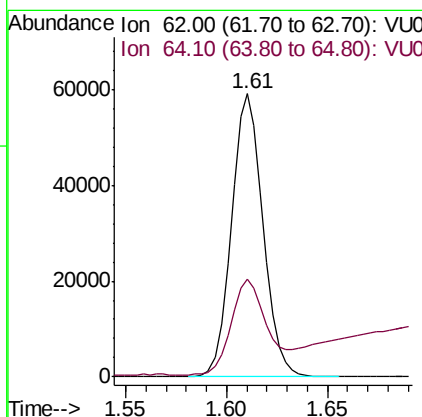
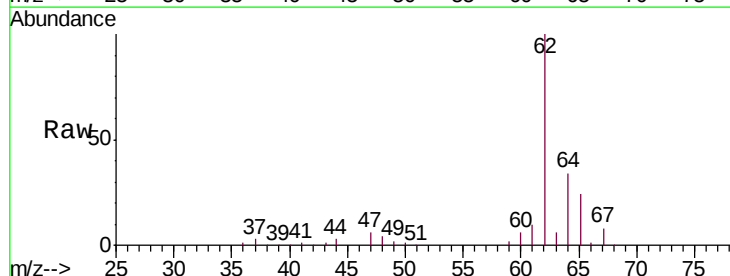
Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

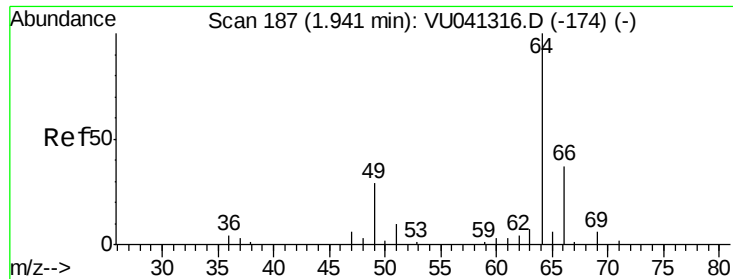
Tgt Ion: 50 Resp: 729
 Ion Ratio Lower Upper
 50 100
 52 30.0 22.4 41.6



#5
 Vinyl chloride
 Concen: 11.460 ug/L
 RT: 1.61 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Tgt Ion: 62 Resp: 64483
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.7 42.3

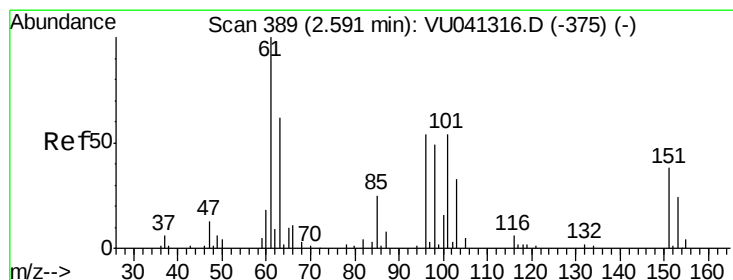
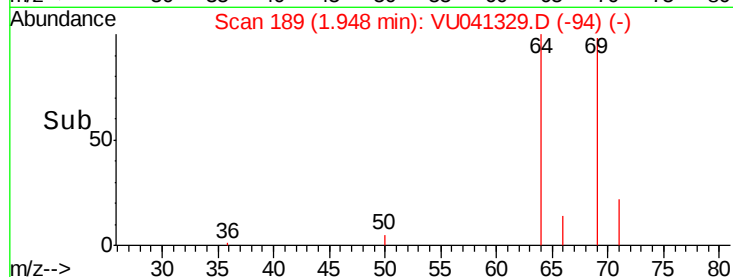
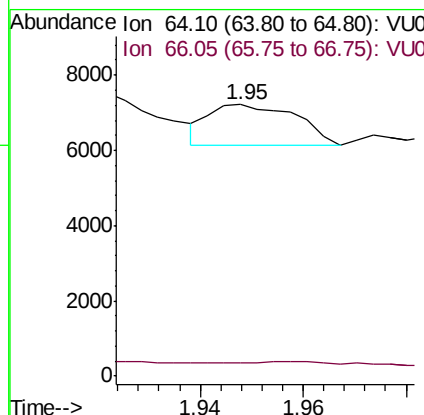
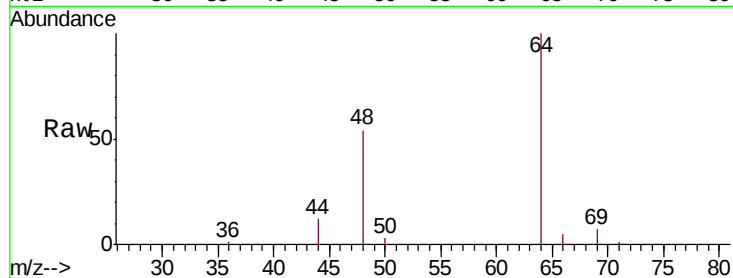




#8
 Chloroethane
 Concen: 0.335 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

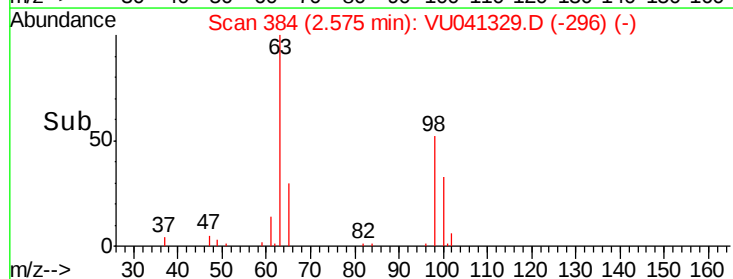
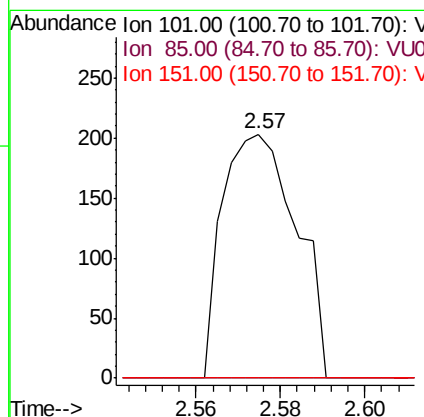
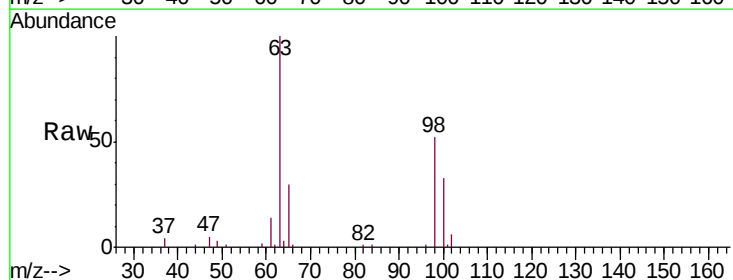
Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

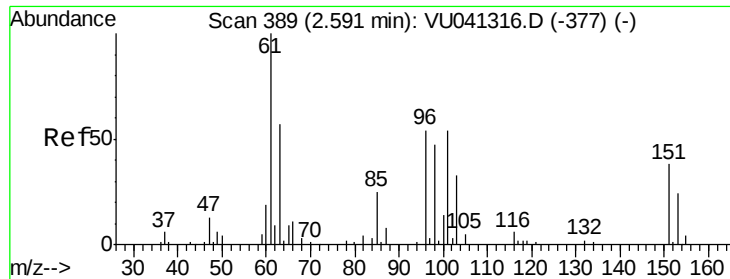
Tgt Ion: 64 Resp: 1252
 Ion Ratio Lower Upper
 64 100
 66 4.8 22.3 41.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.052 ug/L
 RT: 2.57 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Tgt Ion: 101 Resp: 247
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.0 52.4#
 151 0.0 55.3 82.9#

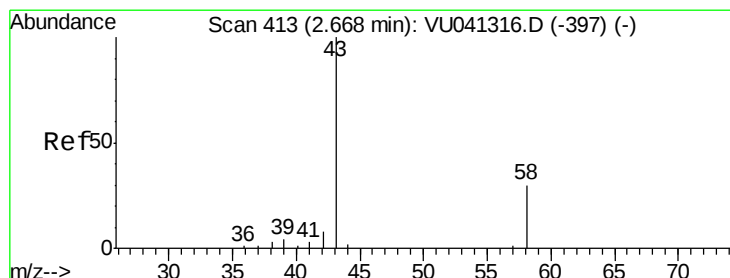
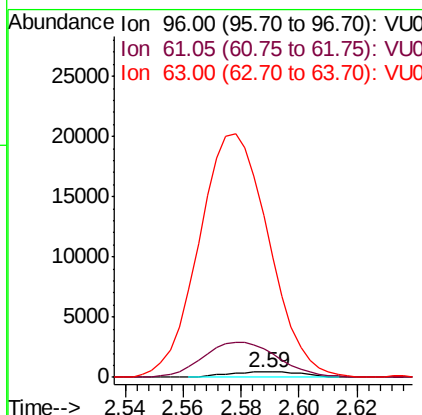
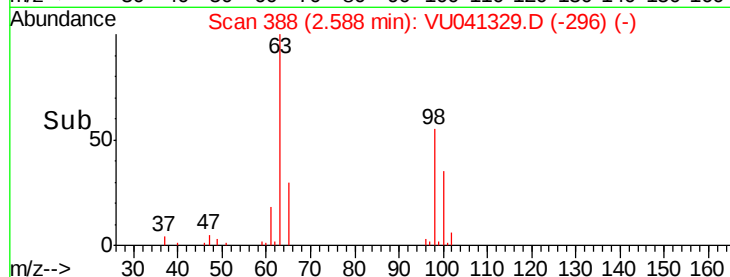
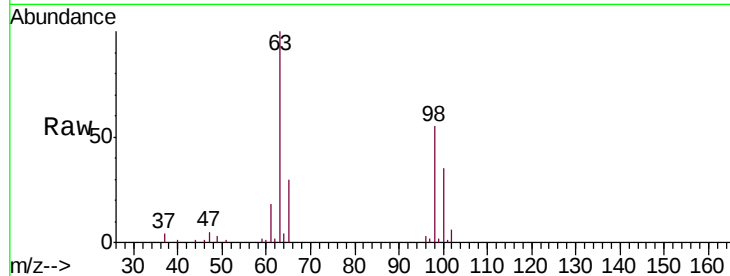




#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

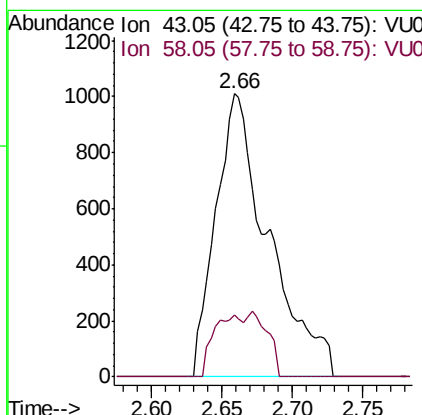
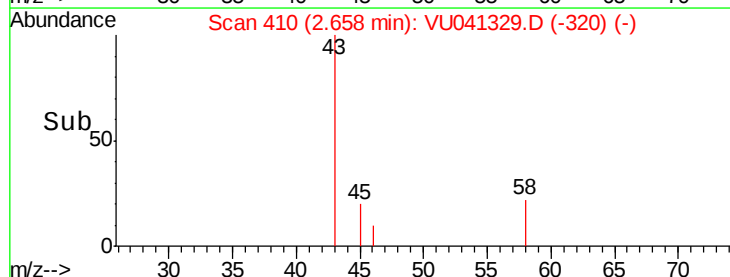
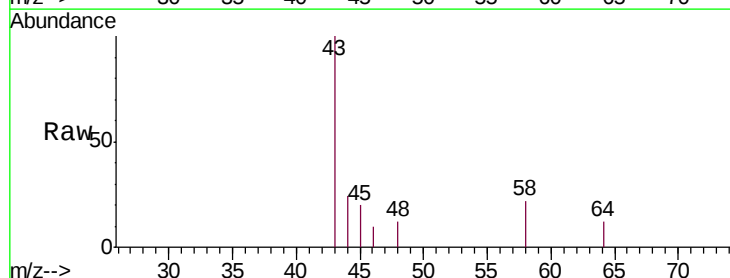
Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

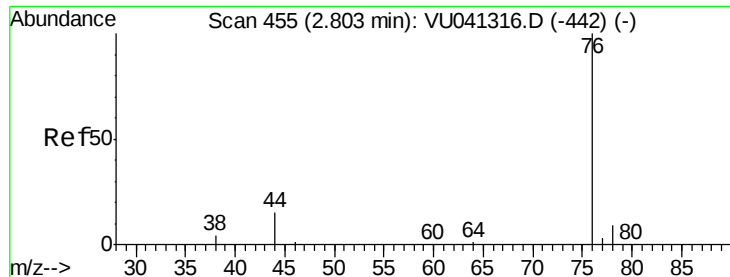
Tgt Ion: 96 Resp: 815
 Ion Ratio Lower Upper
 96 100
 61 528.5 134.3 249.5#
 63 3019.3 95.0 176.4#



#13
 Acetone
 Concen: 2.017 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Tgt Ion: 43 Resp: 2630
 Ion Ratio Lower Upper
 43 100
 58 12.2 0.0 25.4





#14

Carbon disulfide

Concen: 0.095 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Instrument :

MSVOA_U

ClientSampleId :

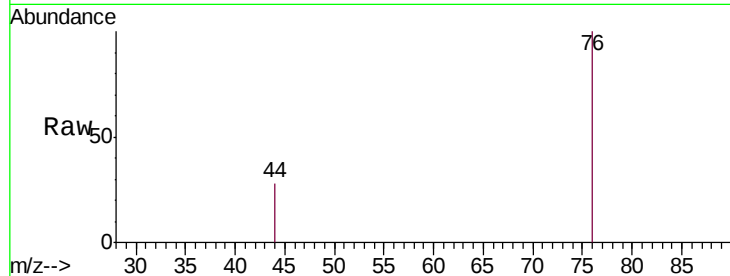
H4396

Tgt Ion: 76 Resp: 1174

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.81

800

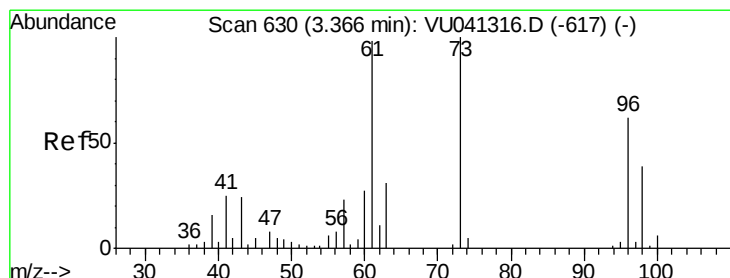
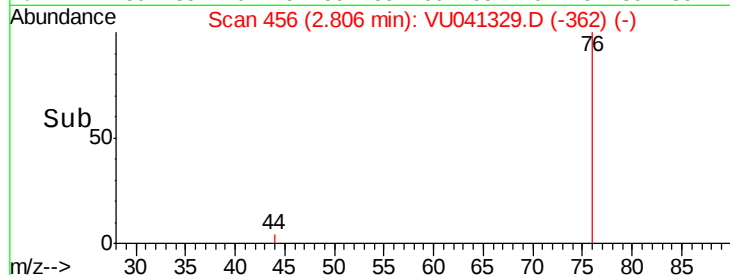
600

400

200

0

Time--> 2.76 2.78 2.80 2.82 2.84



#18

trans-1,2-Dichloroethene

Concen: 0.761 ug/L

RT: 3.37 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

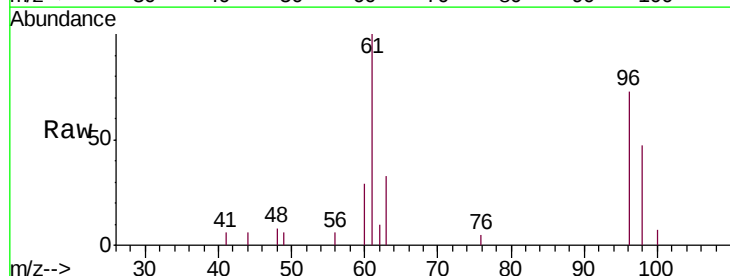
Tgt Ion: 96 Resp: 3127

Ion Ratio Lower Upper

96 100

61 137.5 110.9 205.9

98 64.1 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

2500

2000

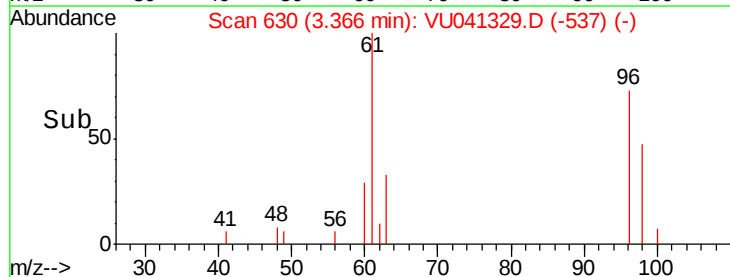
1500

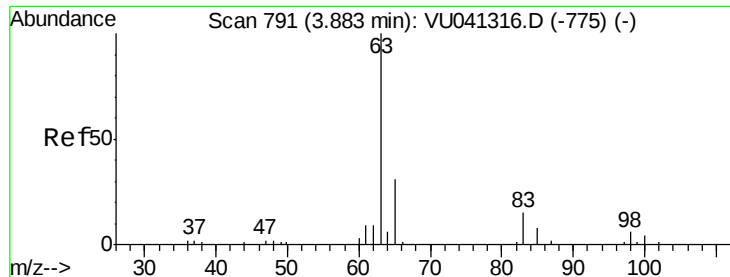
1000

500

0

Time--> 3.30 3.35 3.40

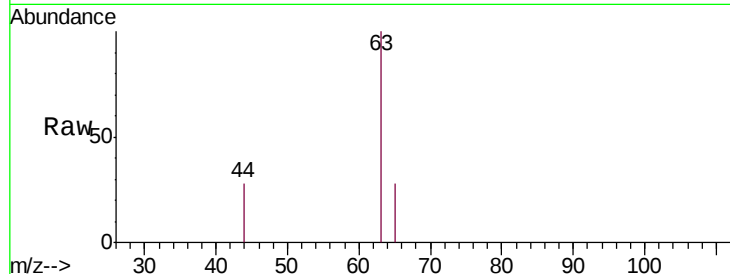




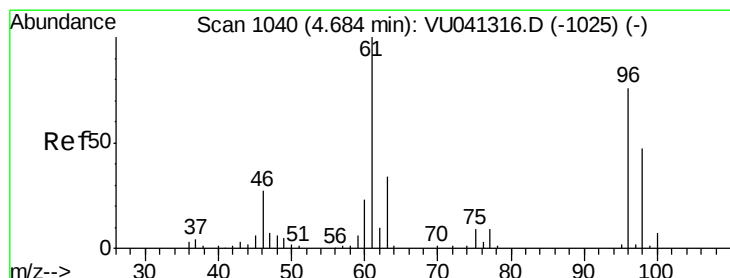
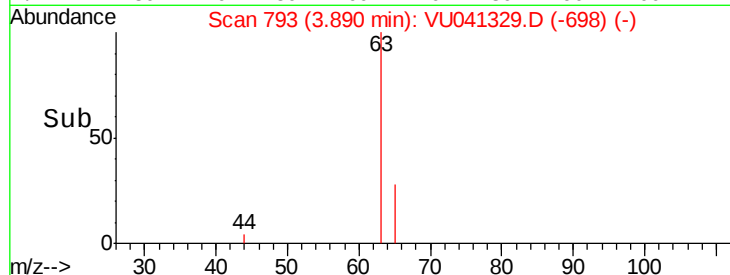
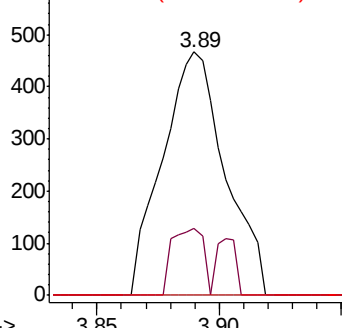
#19
 1,1-Dichloroethane
 Concen: 0.091 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

Tgt Ion: 63 Resp: 833
 Ion Ratio Lower Upper
 63 100
 65 27.6 21.3 39.6
 83 0.0 8.8 16.3#

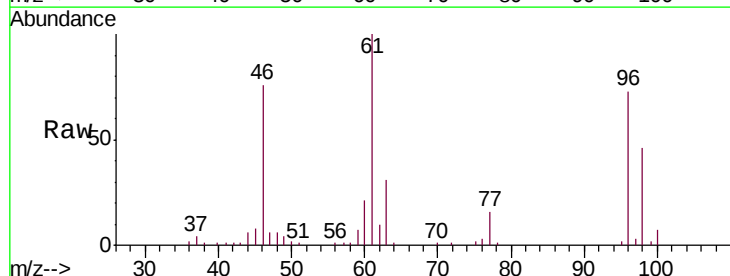


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

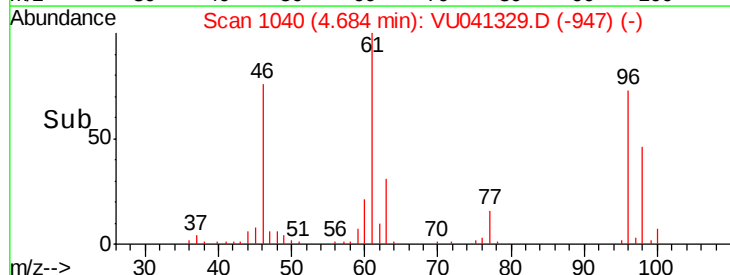
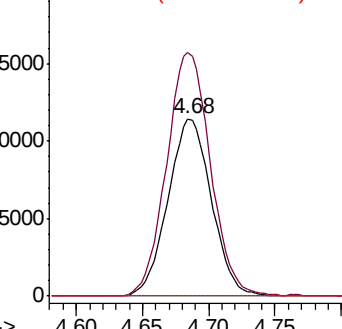


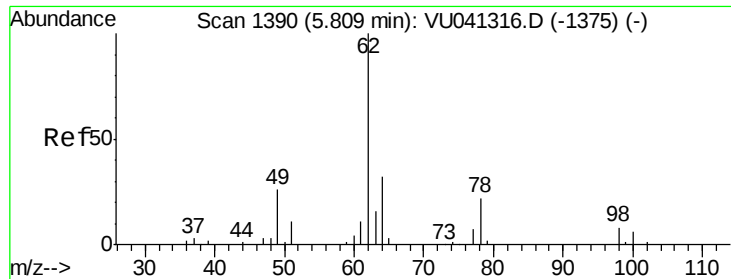
#22
 cis-1,2-Dichloroethene
 Concen: 5.605 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Tgt Ion: 96 Resp: 26014
 Ion Ratio Lower Upper
 96 100
 61 137.3 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

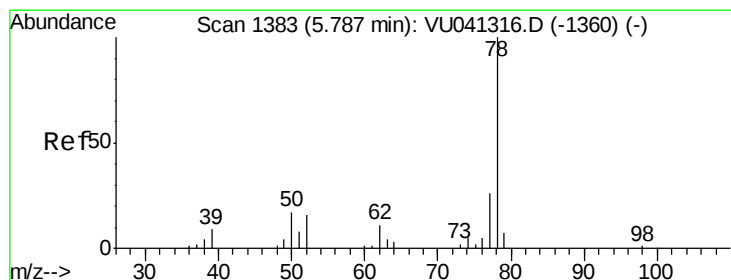
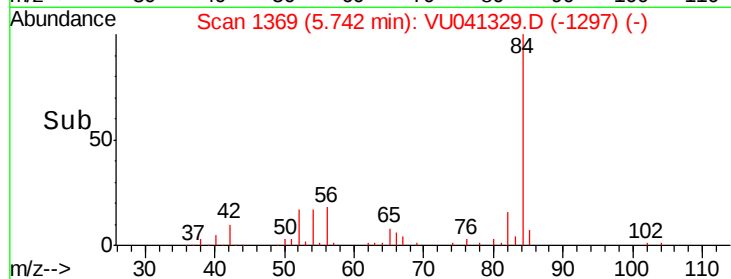
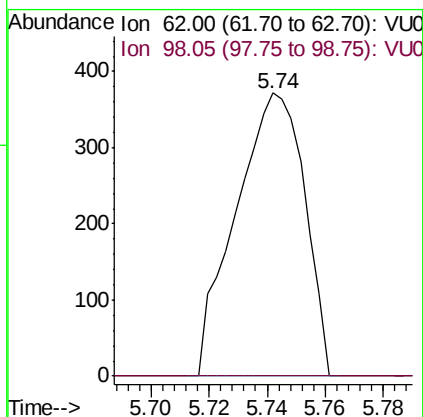
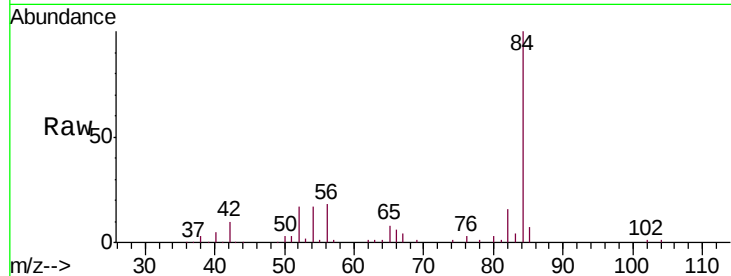




#27
 1,2-Dichloroethane
 Concen: 0.085 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

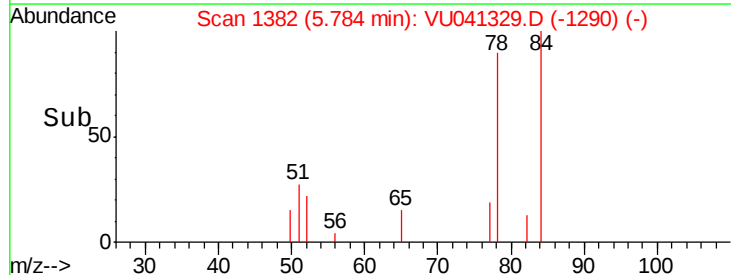
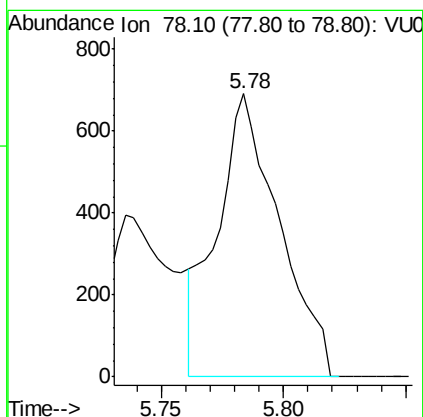
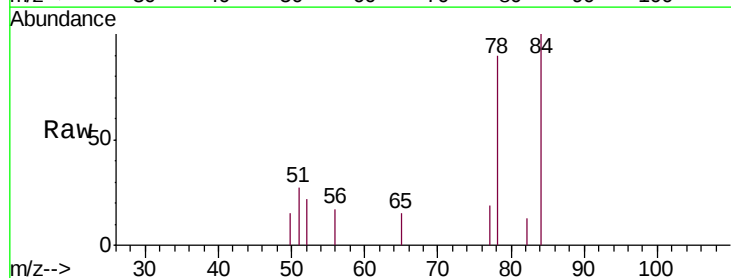
Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

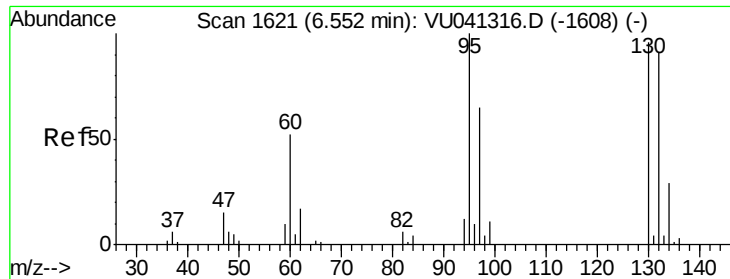
Tgt Ion: 62 Resp: 611
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.068 ug/L
 RT: 5.78 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Tgt Ion: 78 Resp: 1221





#34

Trichloroethene

Concen: 0.171 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Instrument :

MSVOA_U

ClientSampleId :

H4396

Tgt Ion: 95 Resp: 832

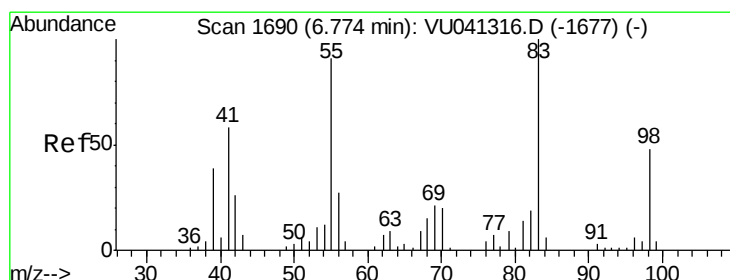
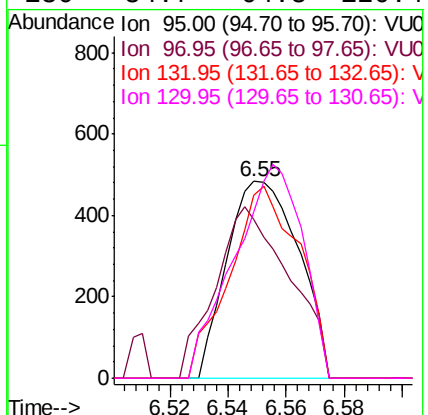
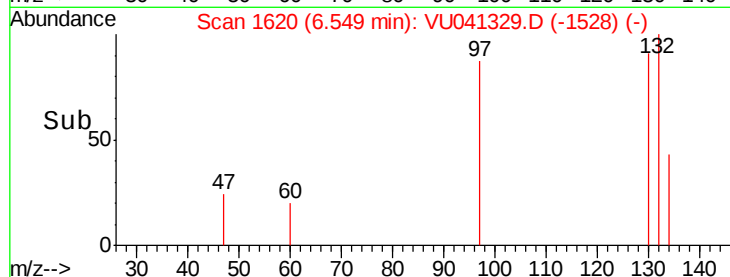
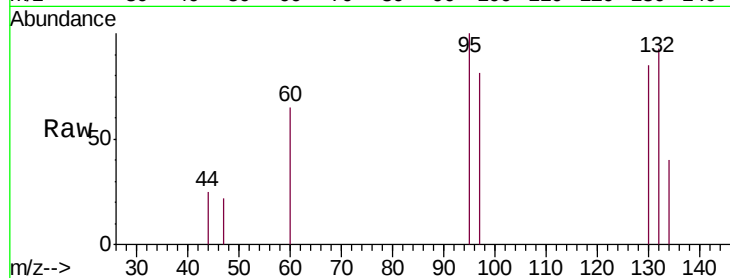
Ion Ratio Lower Upper

95 100

97 81.0 45.6 84.6

132 93.2 64.8 120.4

130 84.7 64.8 120.4



#35

Methylcyclohexane

Concen: 0.036 ug/L

RT: 6.78 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

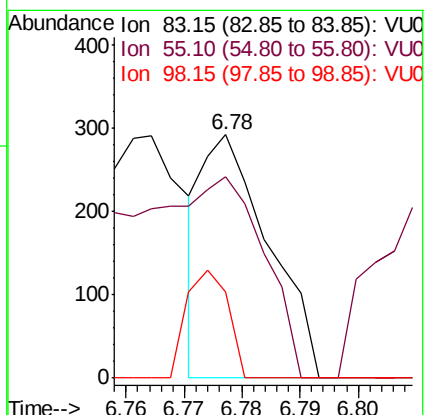
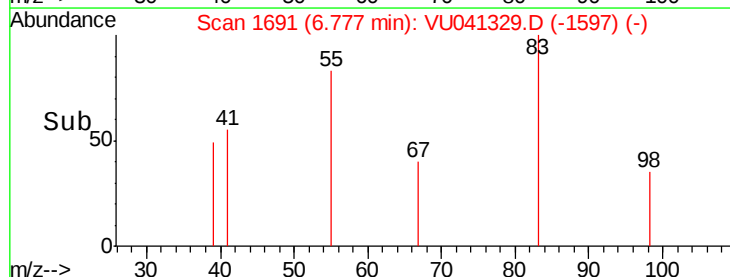
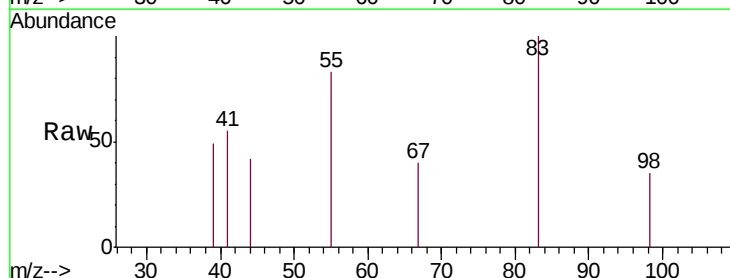
Tgt Ion: 83 Resp: 230

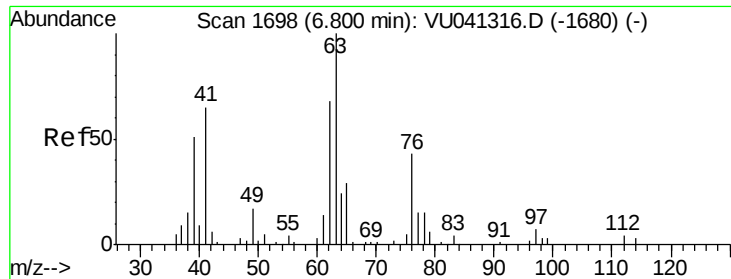
Ion Ratio Lower Upper

83 100

55 78.3 72.0 108.0

98 28.3 36.6 55.0#

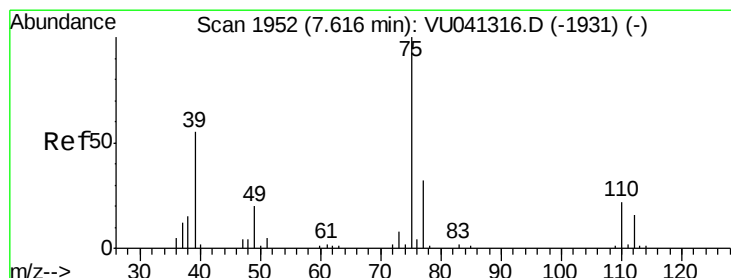
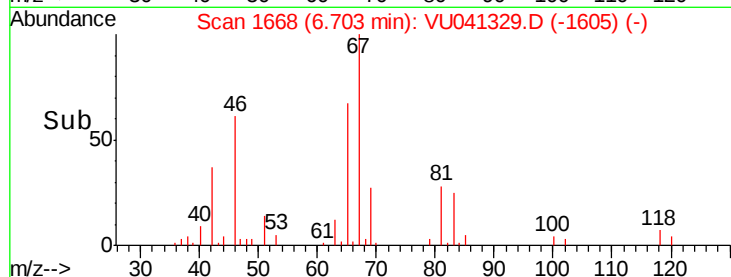
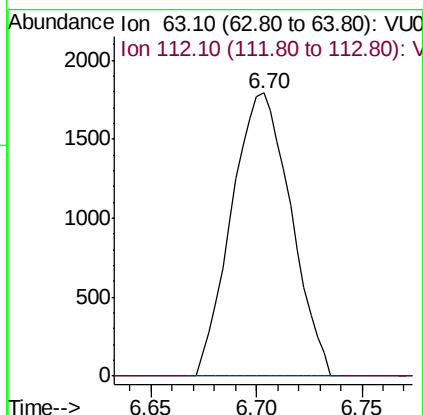
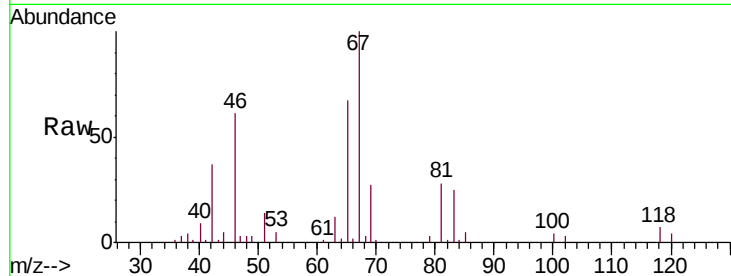




#37
 1,2-Dichloropropane
 Concen: 0.668 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

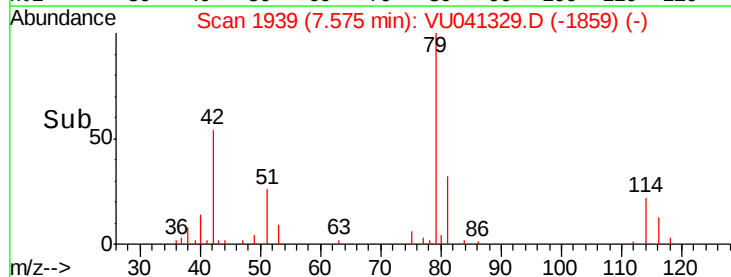
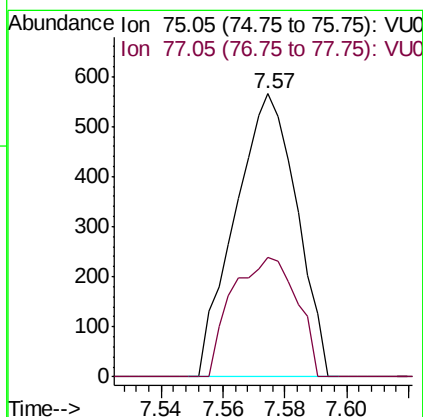
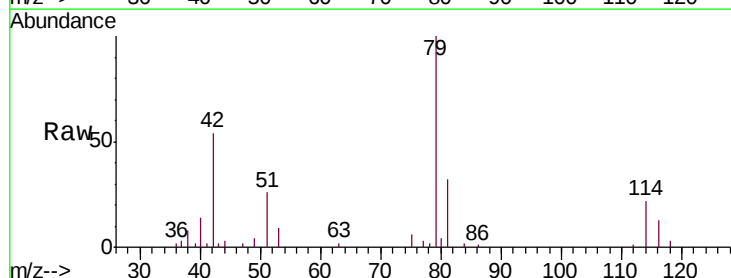
Instrument :
 MSVOA_U
 ClientSampleId :
 H4396

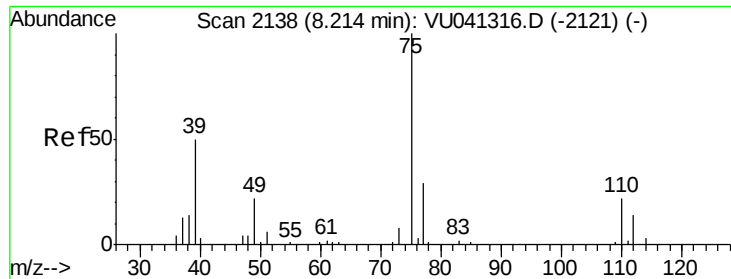
Tgt Ion: 63 Resp: 3504
 Ion Ratio Lower Upper
 63 100
 112 1.4 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041329.D
 Acq: 18 Nov 2020 22:11

Tgt Ion: 75 Resp: 784
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.7 42.3#

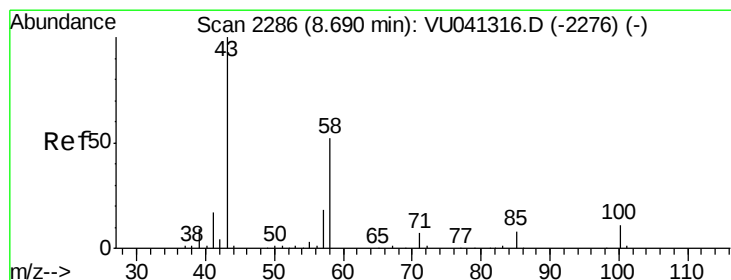
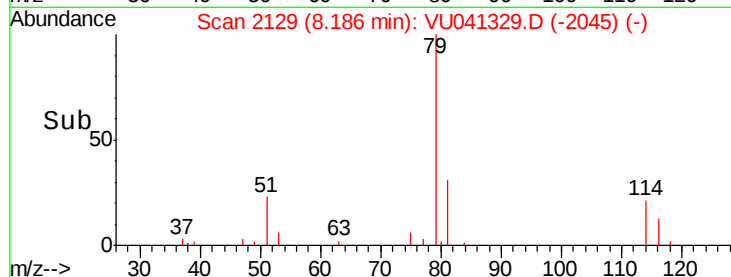
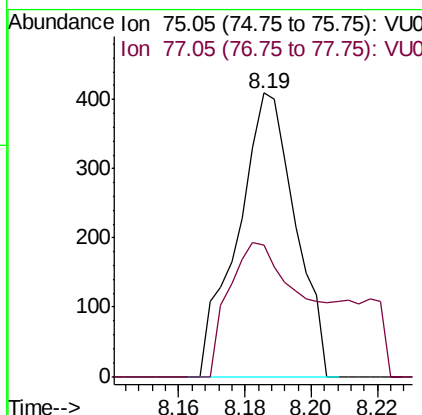
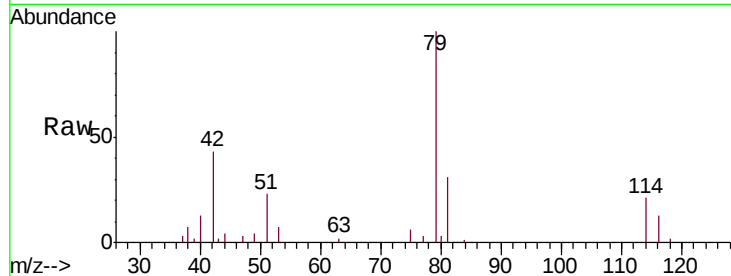




#44
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041329.D
Acq: 18 Nov 2020 22:11

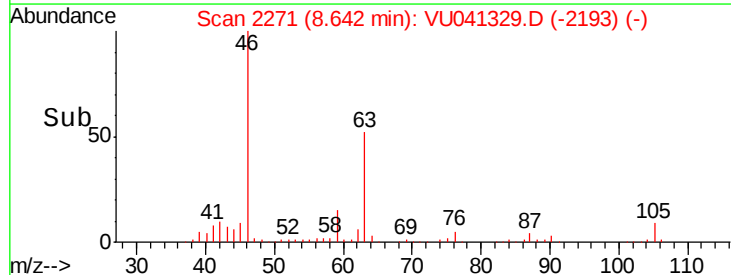
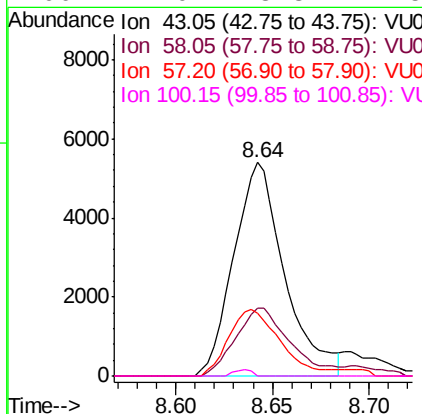
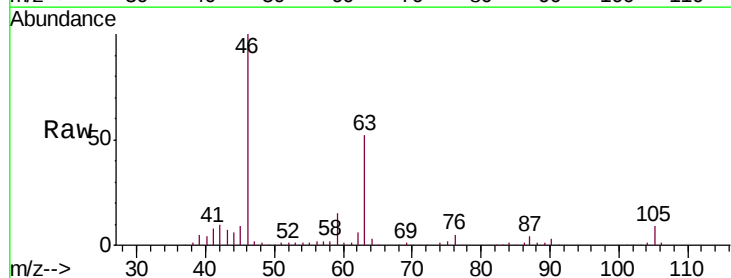
Instrument :
MSVOA_U
ClientSampleId :
H4396

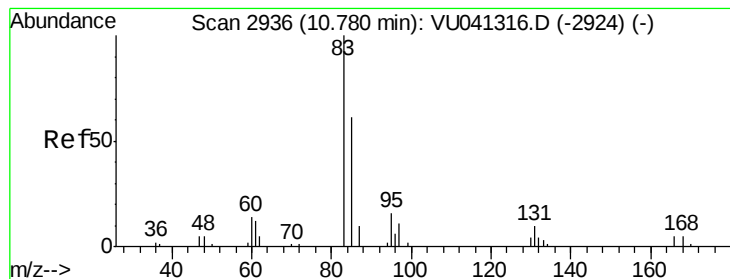
Tgt Ion: 75 Resp: 495
Ion Ratio Lower Upper
75 100
77 46.2 23.3 43.3#



#48
2-Hexanone
Concen: 3.046 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041329.D
Acq: 18 Nov 2020 22:11

Tgt Ion: 43 Resp: 9876
Ion Ratio Lower Upper
43 100
58 34.2 41.4 62.2#
57 31.6 14.6 21.8#
100 1.0 8.3 12.5#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.070 ug/L

RT: 10.81 min Scan# 2944

Delta R.T. 0.03 min

Lab File: VU041329.D

Acq: 18 Nov 2020 22:11

Instrument :

MSVOA_U

ClientSampleId :

H4396

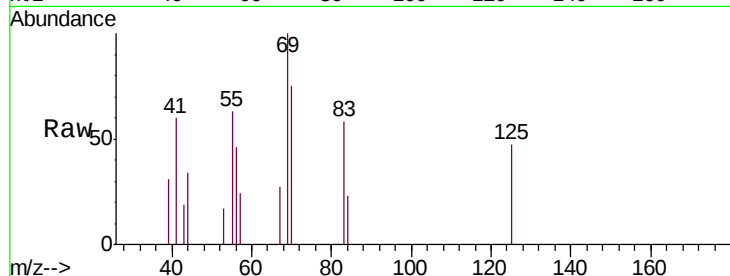
Tgt Ion: 83 Resp: 373

Ion Ratio Lower Upper

83 100

85 0.0 44.4 82.4#

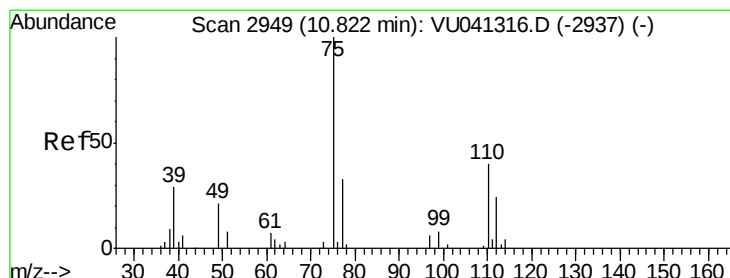
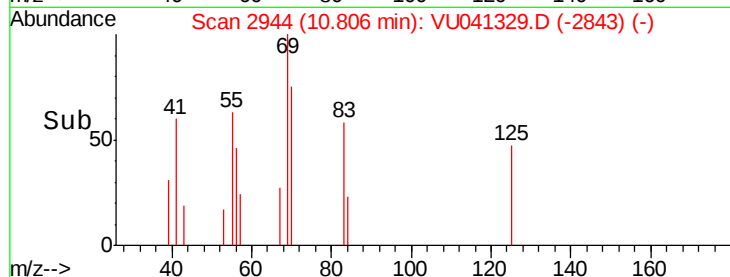
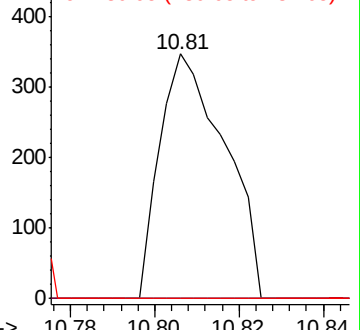
131 0.0 7.7 11.5#



Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V



#59

1,2,3-Trichloropropane

Concen: 0.932 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041329.D

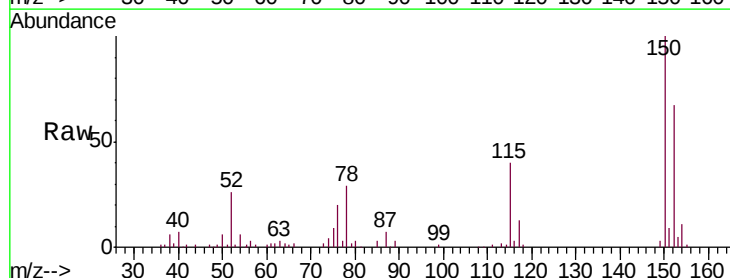
Acq: 18 Nov 2020 22:11

Tgt Ion: 75 Resp: 3856

Ion Ratio Lower Upper

75 100

77 38.9 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

