

Data File : VU041402.D
Acq On : 23 Nov 2020 21:02
Operator : SY/MD
Sample : L4849-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4401

Quant Time: Nov 24 01:56:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63059	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20243	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.92	69	15098	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	35837	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.67	46	73373	64.98	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.96%
24) Chloroform-d	5.08	84	43009	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	27597	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	72659	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.70	67	26474	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	68749	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	10988	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	44110	57.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23777	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26321	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

					Qvalue
3) Chloromethane	1.52	50	350	0.068 ug/L	89
5) Vinyl chloride	1.61	62	1697	0.308 ug/L #	1
8) Chloroethane	1.96	64	279	0.089 ug/L #	47
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	234	0.053 ug/L #	21
13) Acetone	2.70	43	1356	1.777 ug/L	71
15) Methyl Acetate	2.78	43	181	0.101 ug/L #	55
18) trans-1,2-Dichloroethene	3.37	96	528	0.125 ug/L	88
22) cis-1,2-Dichloroethene	4.69	96	13009	2.905 ug/L	98
27) 1,2-Dichloroethane	5.75	62	478	0.080 ug/L #	78
34) Trichloroethene	6.55	95	2302	0.471 ug/L	94
35) Methylcyclohexane	6.70	83	6316	0.887 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3363	0.684 ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	783	0.115 ug/L #	77
44) trans-1,3-Dichloropropene	8.18	75	460	0.074 ug/L #	64
48) 2-Hexanone	8.68	43	1592	0.719 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	3427	1.066 ug/L #	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

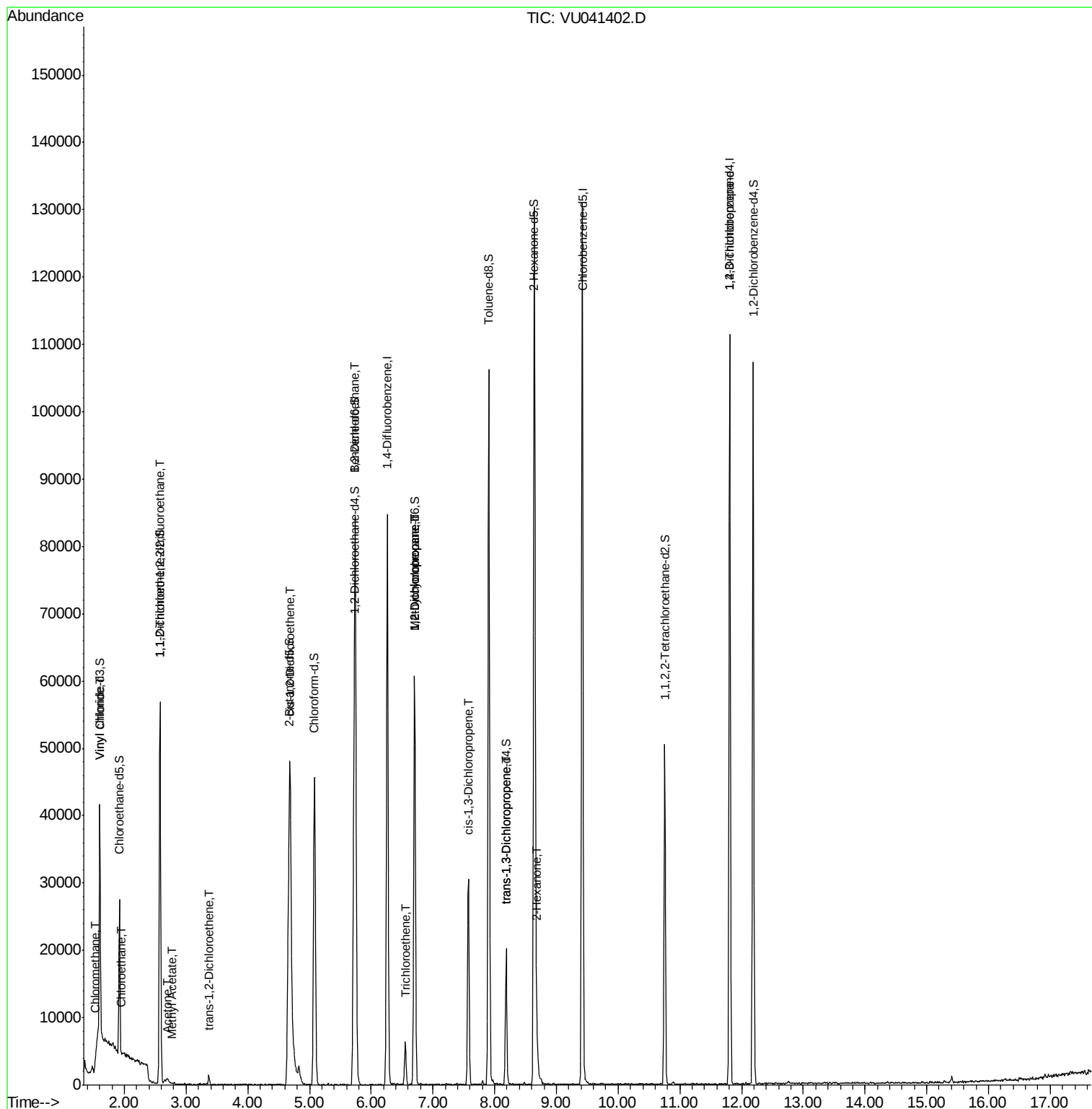
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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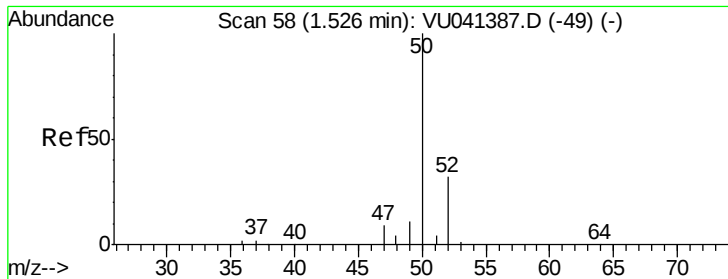
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.068 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041402.D

Acq: 23 Nov 2020 21:02

Instrument :

MSVOA_U

ClientSampleId :

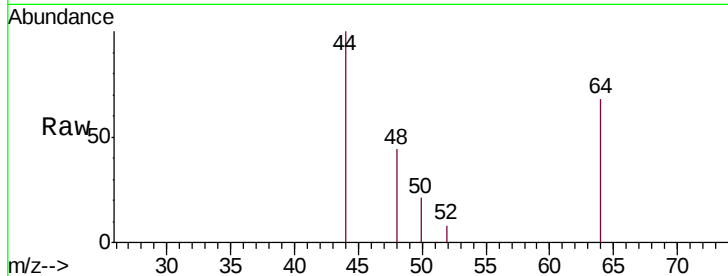
H4401

Tgt Ion: 50 Resp: 350

Ion Ratio Lower Upper

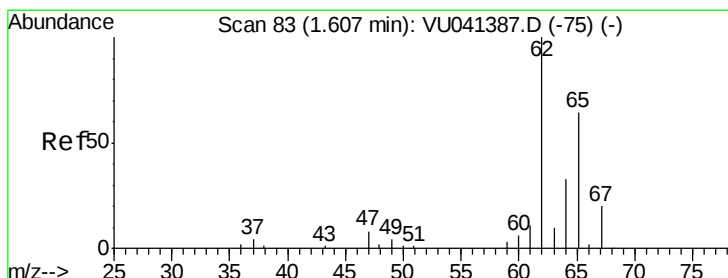
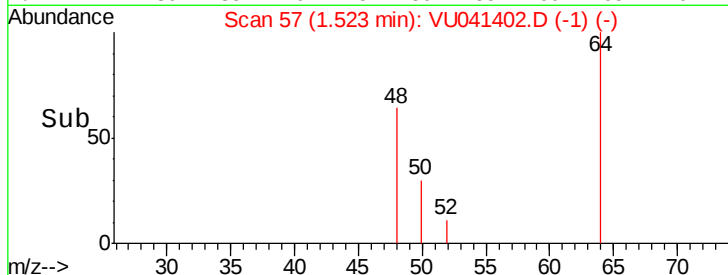
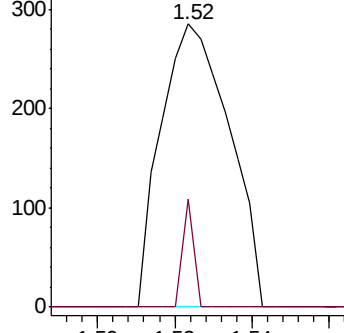
50 100

52 37.9 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.308 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041402.D

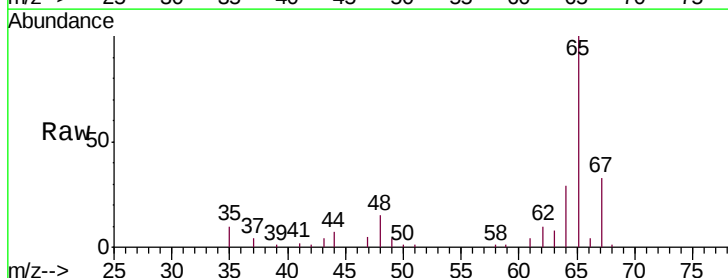
Acq: 23 Nov 2020 21:02

Tgt Ion: 62 Resp: 1697

Ion Ratio Lower Upper

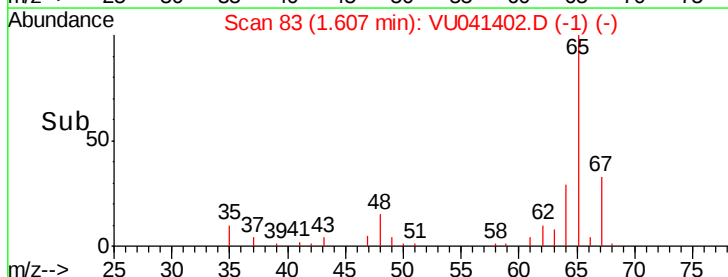
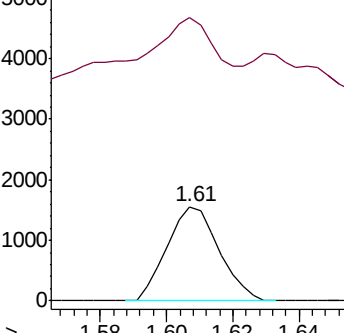
62 100

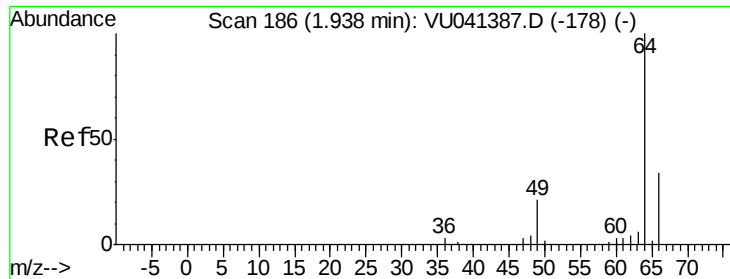
64 299.7 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

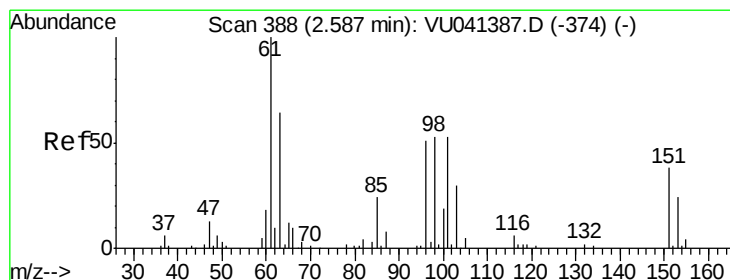
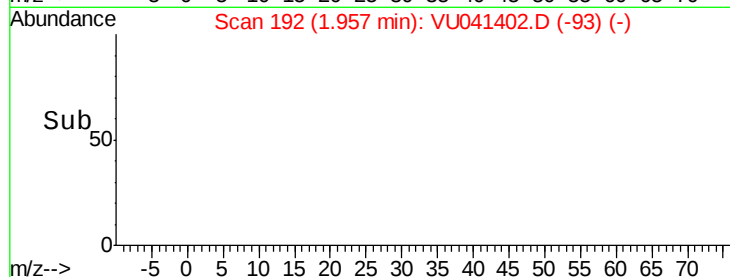
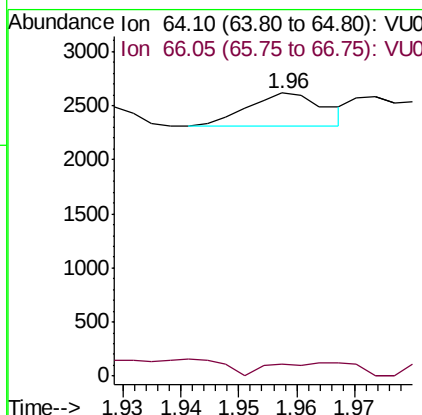
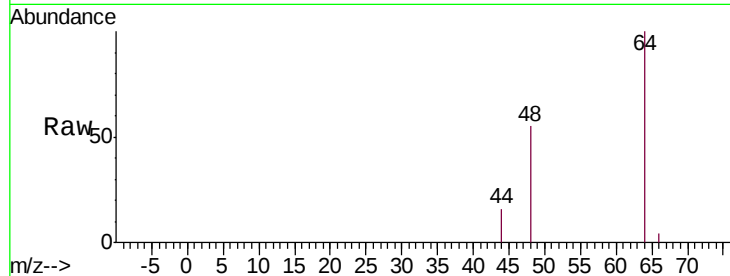




#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.96 min Scan# 192
Delta R.T. 0.02 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

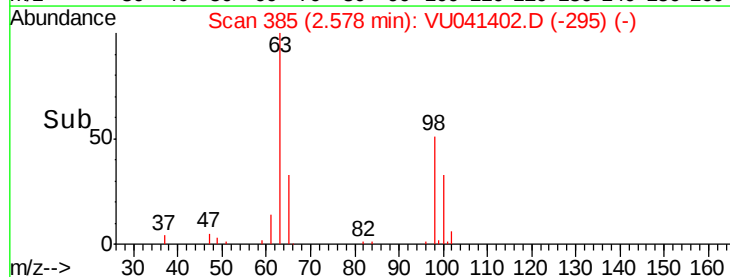
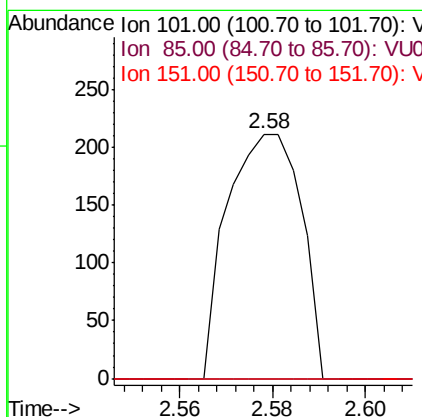
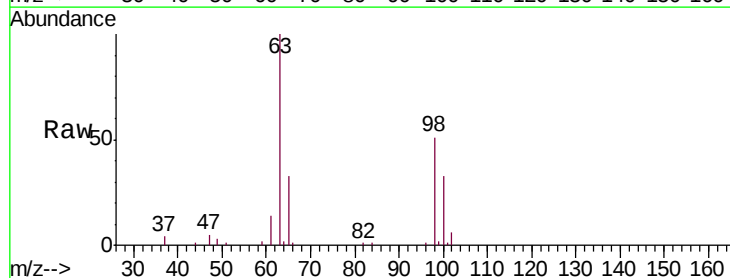
Instrument :
MSVOA_U
ClientSampleId :
H4401

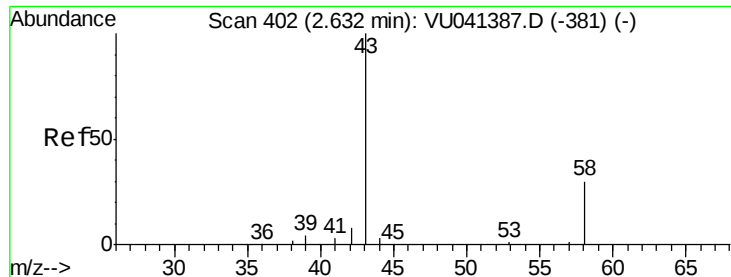
Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 4.1 24.6 45.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Tgt Ion: 101 Resp: 234
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.2 84.2#





#13

Acetone

Concen: 1.777 ug/L

RT: 2.70 min Scan# 422

Delta R.T. 0.06 min

Lab File: VU041402.D

Acq: 23 Nov 2020 21:02

Instrument :

MSVOA_U

ClientSampleID :

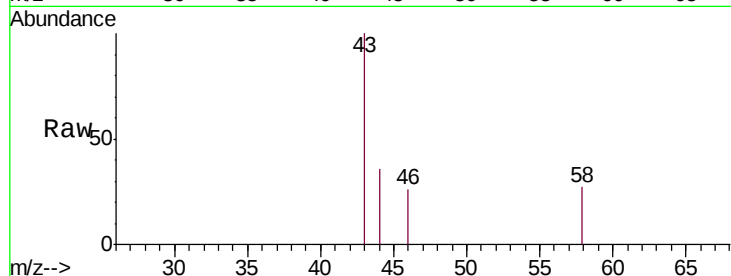
H4401

Tgt Ion: 43 Resp: 1356

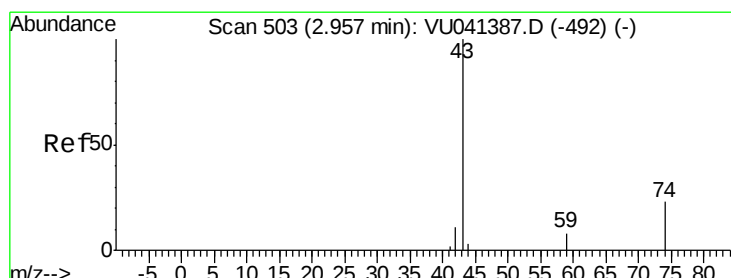
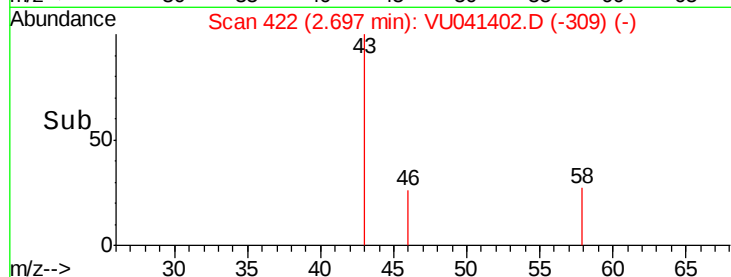
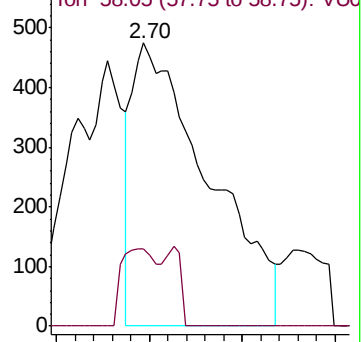
Ion Ratio Lower Upper

43 100

58 13.3 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU041402.D (-381) (-)



#15

Methyl Acetate

Concen: 0.101 ug/L

RT: 2.78 min Scan# 448

Delta R.T. -0.18 min

Lab File: VU041402.D

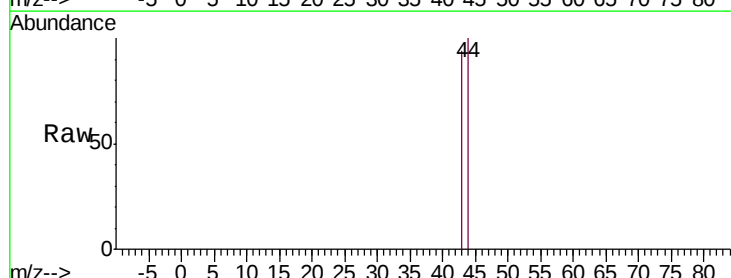
Acq: 23 Nov 2020 21:02

Tgt Ion: 43 Resp: 181

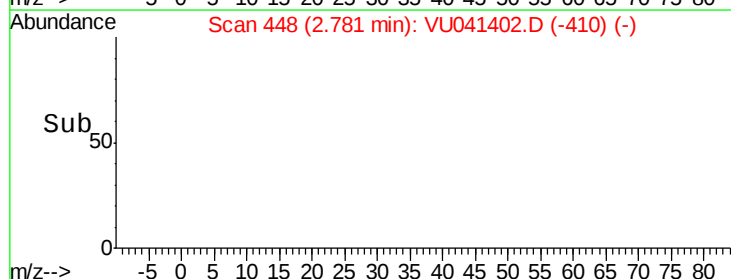
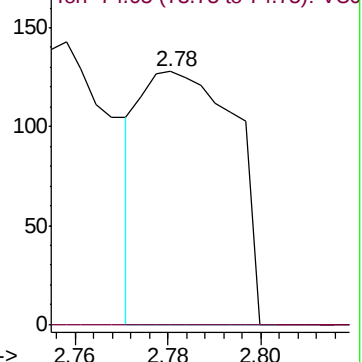
Ion Ratio Lower Upper

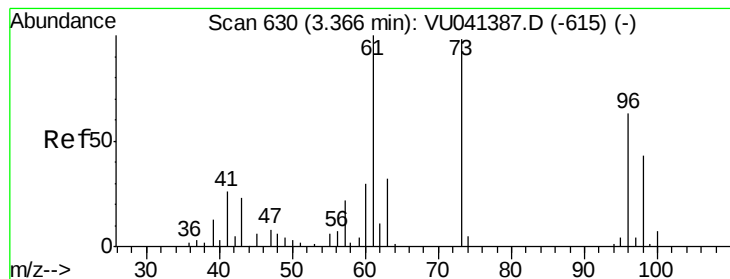
43 100

74 0.0 17.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VU041402.D (-492) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.125 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU041402.D

Acq: 23 Nov 2020 21:02

Instrument :

MSVOA_U

ClientSampleId :

H4401

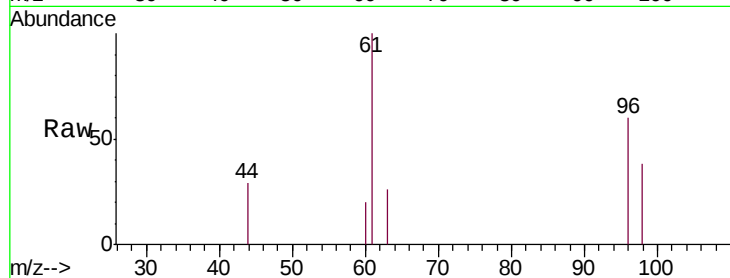
Tgt Ion: 96 Resp: 528

Ion Ratio Lower Upper

96 100

61 165.7 103.7 192.5

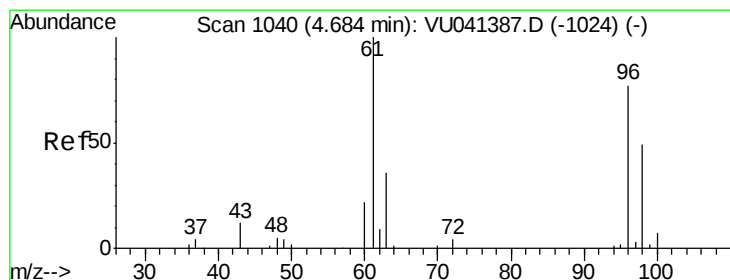
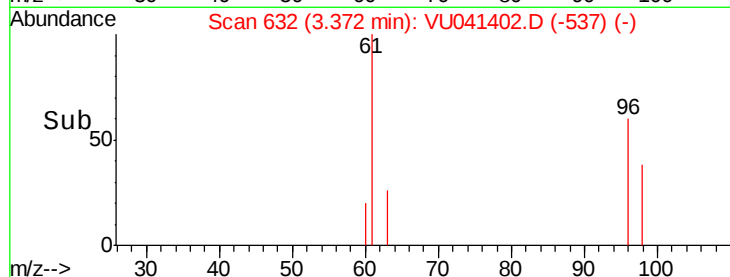
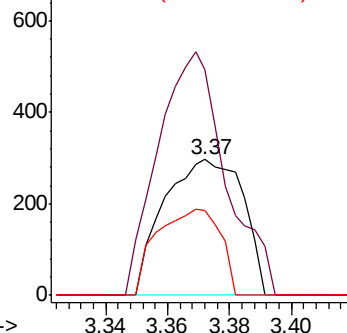
98 62.3 47.5 88.3



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



#22

cis-1,2-Dichloroethene

Concen: 2.905 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041402.D

Acq: 23 Nov 2020 21:02

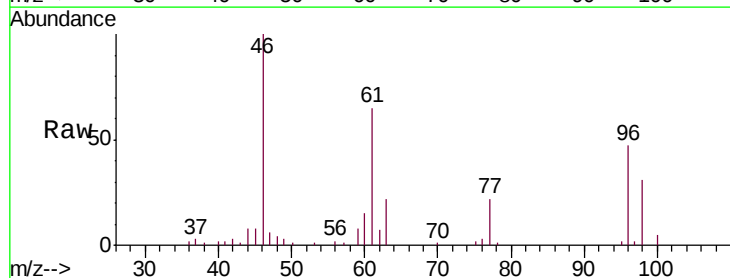
Tgt Ion: 96 Resp: 13009

Ion Ratio Lower Upper

96 100

61 138.1 95.3 176.9

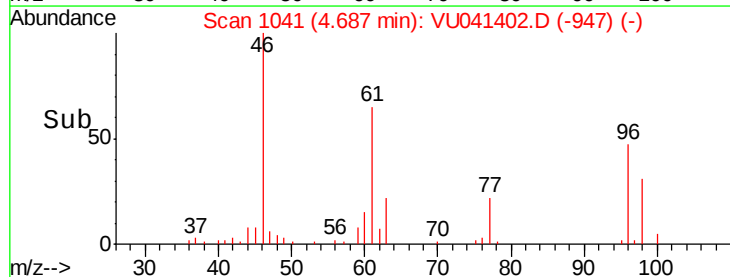
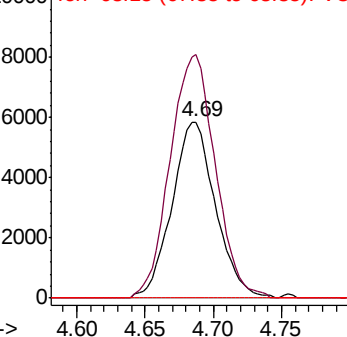
68 0.0 0.0 0.0

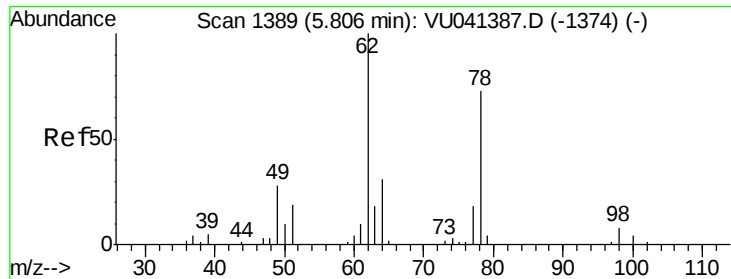


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

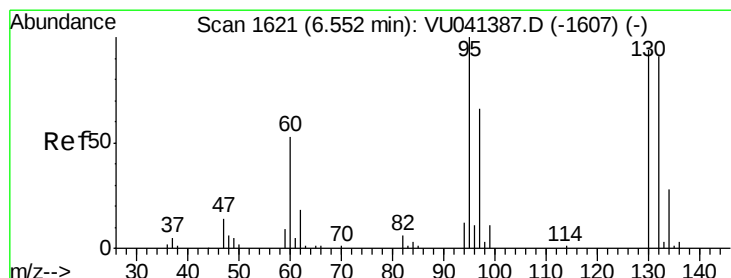
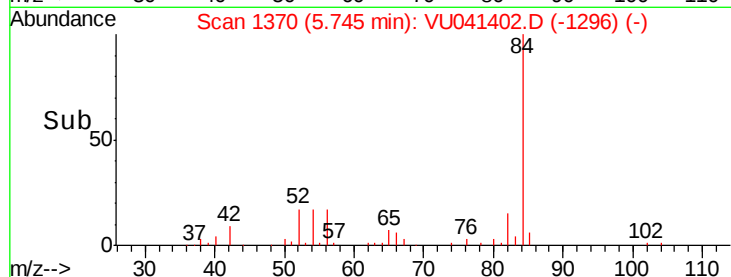
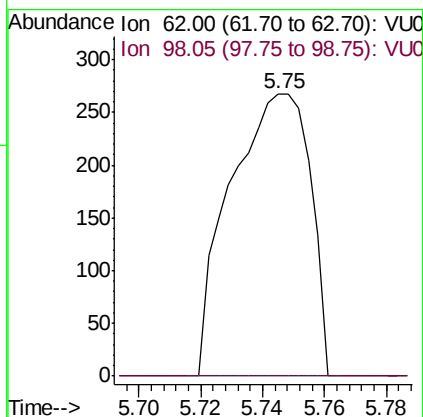
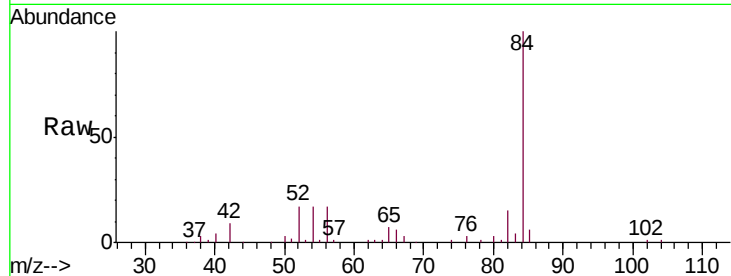




#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041402.D
 Acq: 23 Nov 2020 21:02

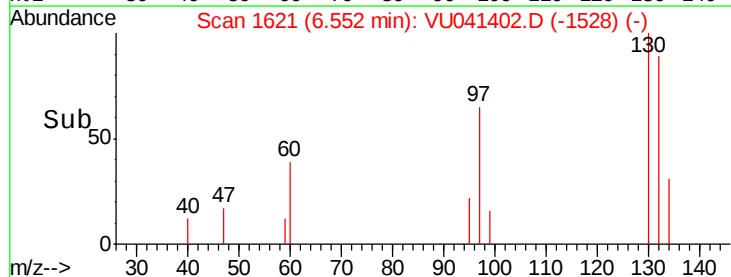
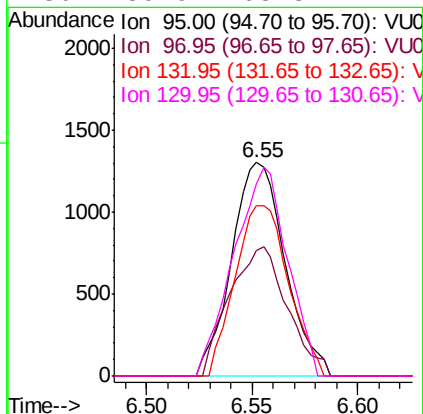
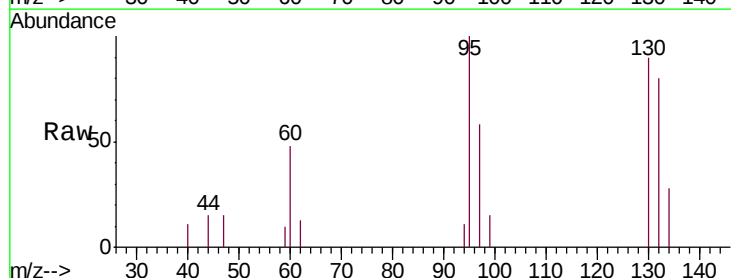
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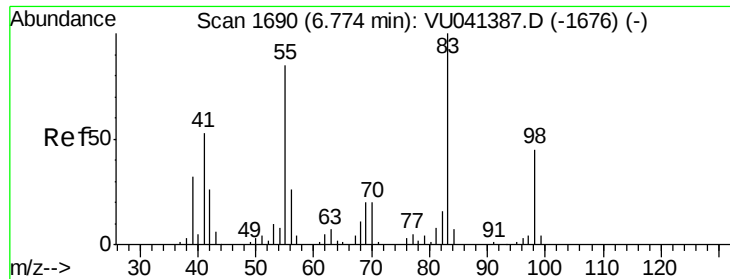
Tgt Ion: 62 Resp: 478
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.0 9.0#



#34
 Trichloroethene
 Concen: 0.471 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041402.D
 Acq: 23 Nov 2020 21:02

Tgt Ion: 95 Resp: 2302
 Ion Ratio Lower Upper
 95 100
 97 58.5 46.5 86.5
 132 79.7 60.8 113.0
 130 89.9 63.3 117.7

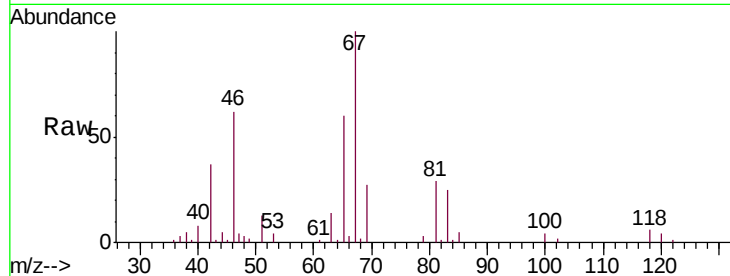




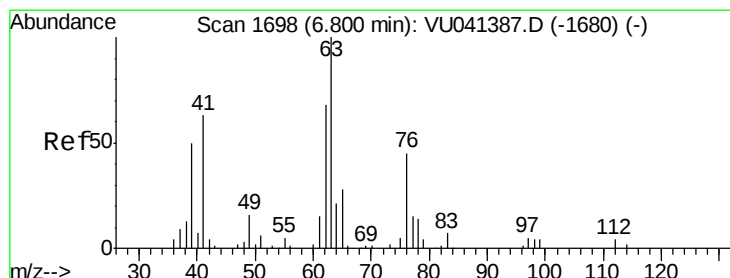
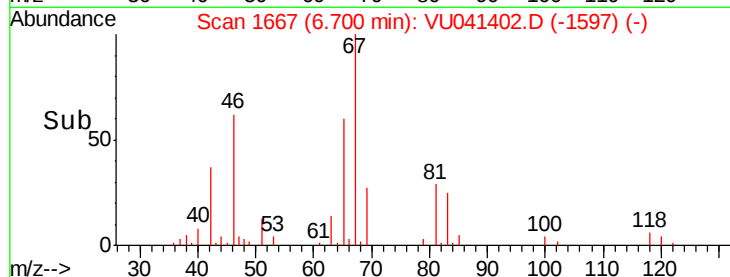
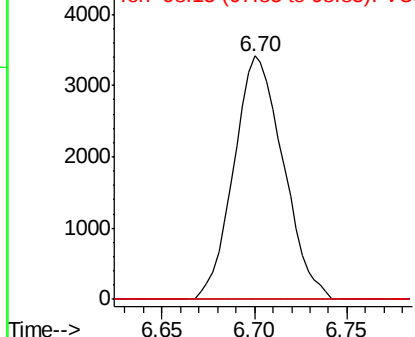
#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
H4401

Tgt Ion: 83 Resp: 6316
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.0 36.5 54.7#

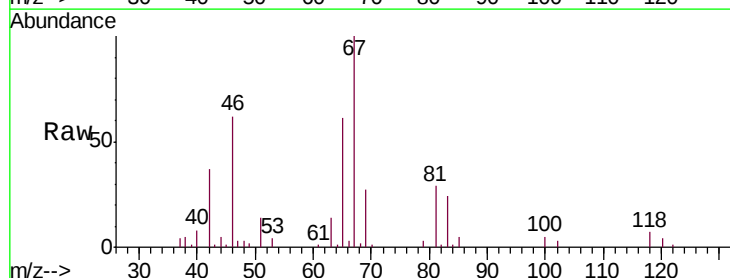


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

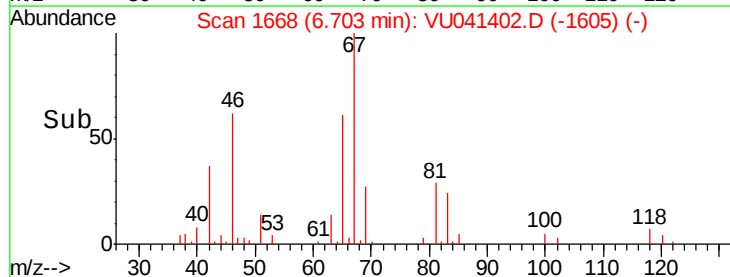
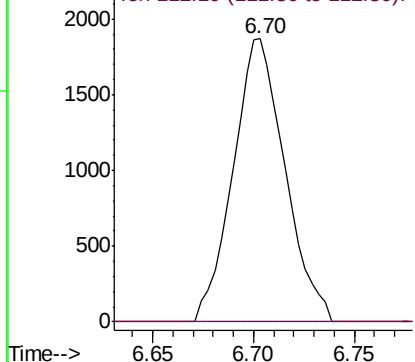


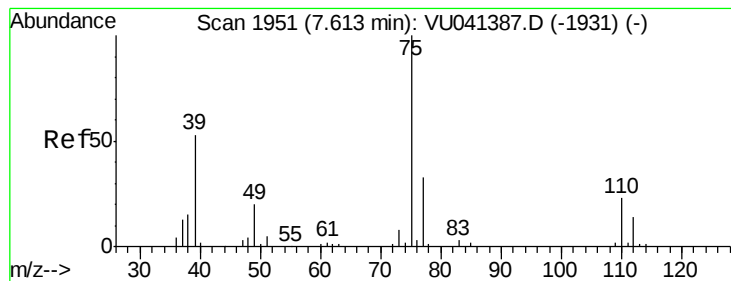
#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Tgt Ion: 63 Resp: 3363
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



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



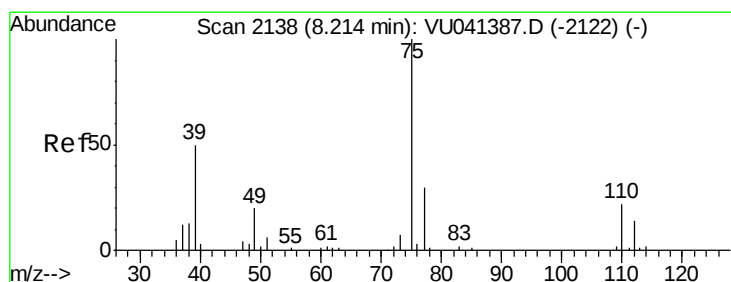
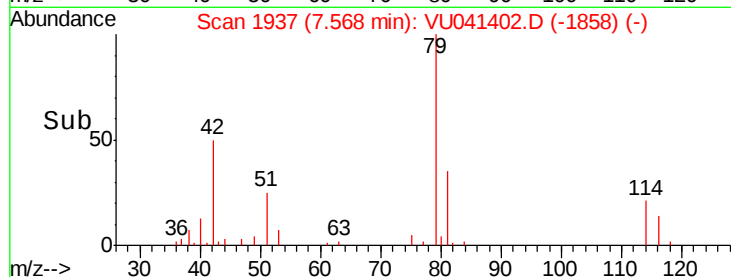
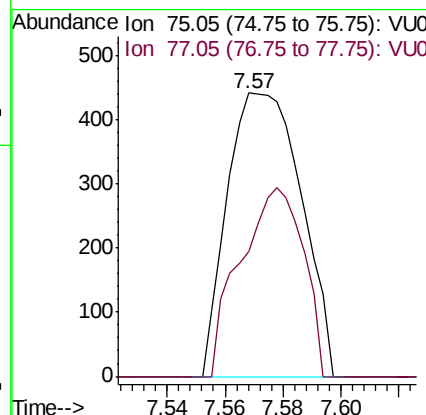
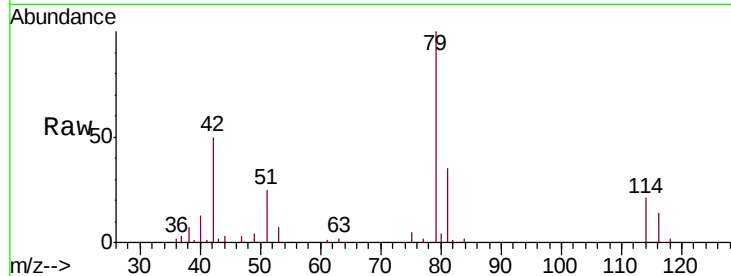


#39

cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.04 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
H4401

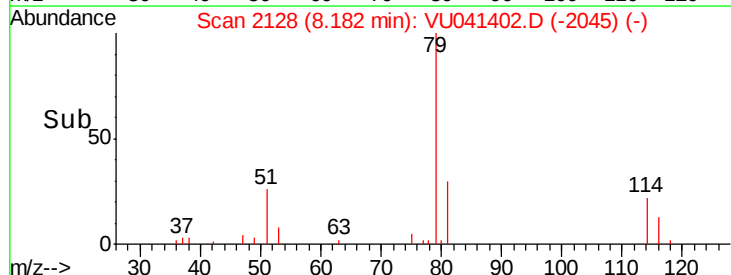
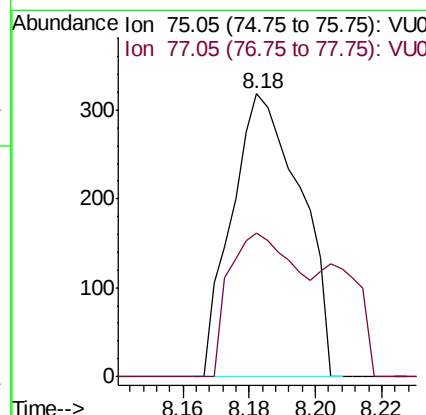
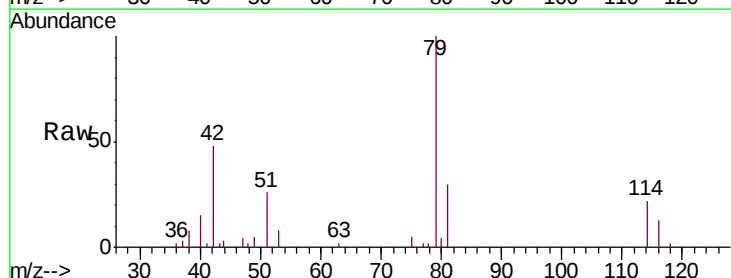
Tgt Ion: 75 Resp: 783
Ion Ratio Lower Upper
75 100
77 44.1 22.1 41.1#

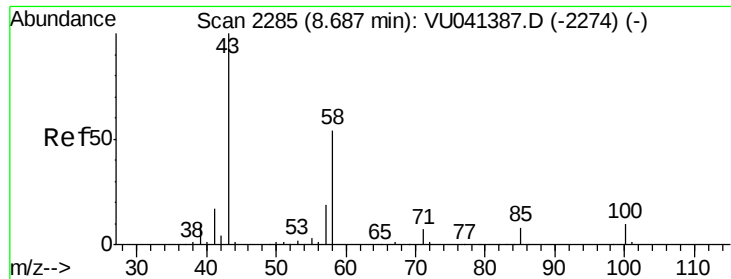


#44

trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Tgt Ion: 75 Resp: 460
Ion Ratio Lower Upper
75 100
77 50.9 21.7 40.3#

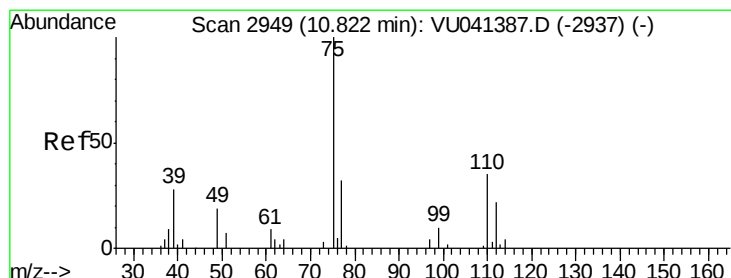
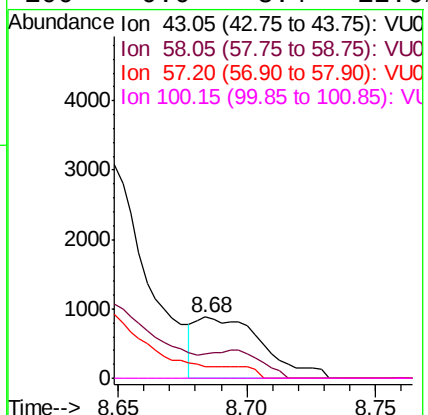
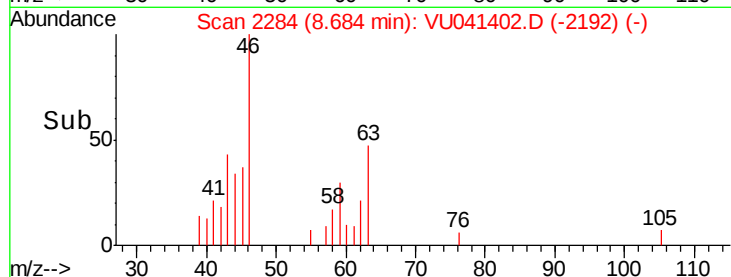
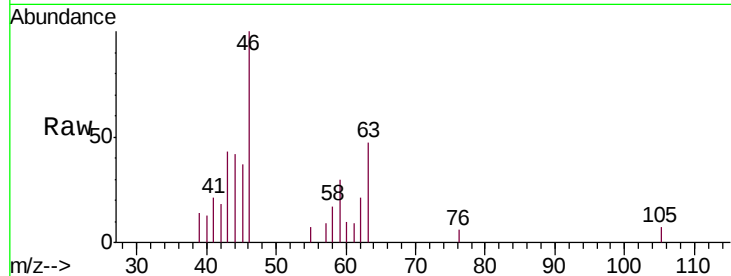




#48
2-Hexanone
Concen: 0.719 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Instrument :
MSVOA_U
ClientSampleId :
H4401

Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 32.3 42.0 63.0#
57 0.0 15.0 22.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 1.066 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041402.D
Acq: 23 Nov 2020 21:02

Tgt Ion: 75 Resp: 3427
Ion Ratio Lower Upper
75 100
77 41.5 25.1 37.7#

