

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041537.D
 Acq On : 10 Dec 2020 15:31
 Operator : SY/MD
 Sample : L4995-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS3

Quant Time: Dec 11 06:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	43758	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	37052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	19717	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7334	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.92	69	8181	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.58	63	15778	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	35812	42.49	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.98%
24) Chloroform-d	5.08	84	31097	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	20939	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	44577	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.70	67	12399	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.90	98	39285	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.19	79	7049	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.64	63	24358	40.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11490	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17788	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

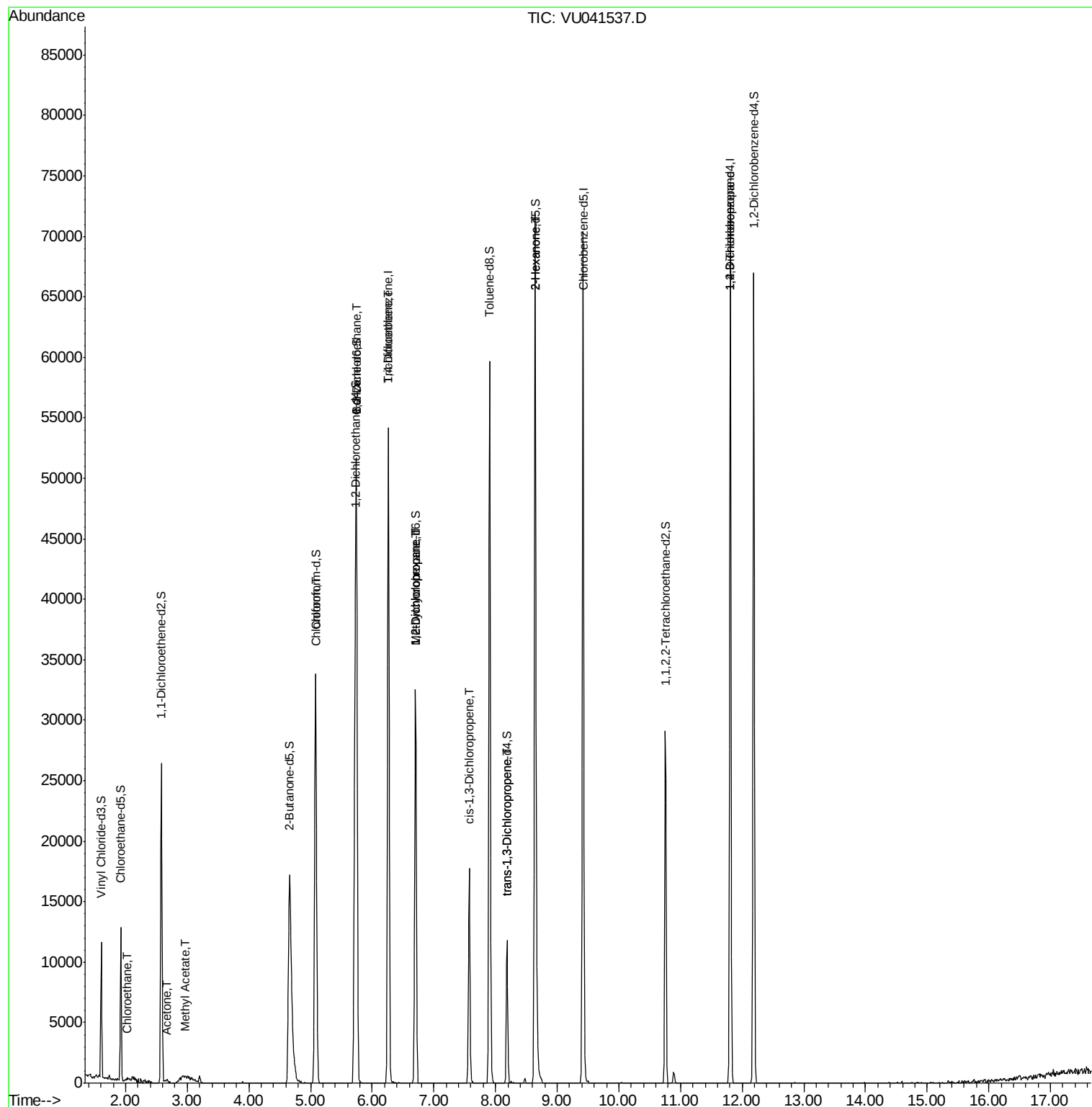
					Ovalue
8) Chloroethane	2.02	64	62	0.032	ug/L # 45
13) Acetone	2.67	43	763	1.163	ug/L # 50
15) Methyl Acetate	2.97	43	209	0.174	ug/L # 51
25) Chloroform	5.10	83	357	0.059	ug/L 94
27) 1,2-Dichloroethane	5.74	62	266	0.056	ug/L # 79
34) Trichloroethene	6.27	95	791	0.286	ug/L # 6
35) Methylcyclohexane	6.70	83	3965	1.050	ug/L # 17
37) 1,2-Dichloropropane	6.71	63	1966	0.915	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	538	0.139	ug/L # 64
44) trans-1,3-Dichloropropene	8.19	75	232	0.060	ug/L # 48
48) 2-Hexanone	8.64	43	3697	2.672	ug/L # 72
59) 1,2,3-Trichloropropane	11.81	75	1796	0.861	ug/L # 82

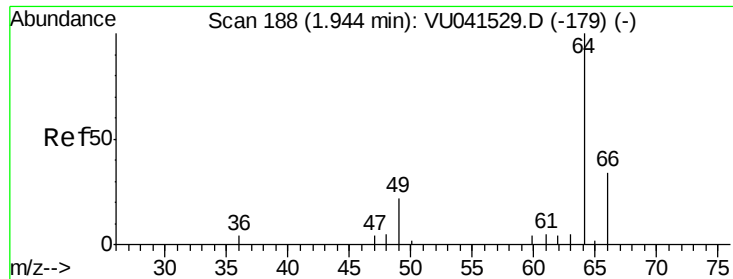
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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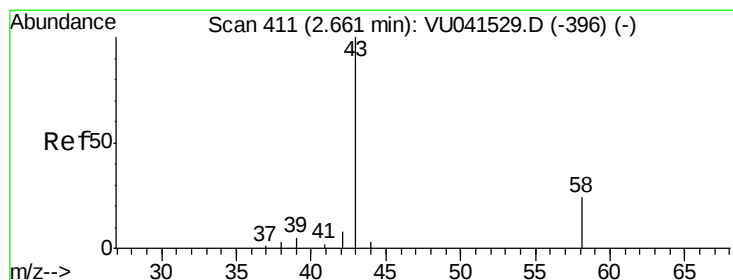
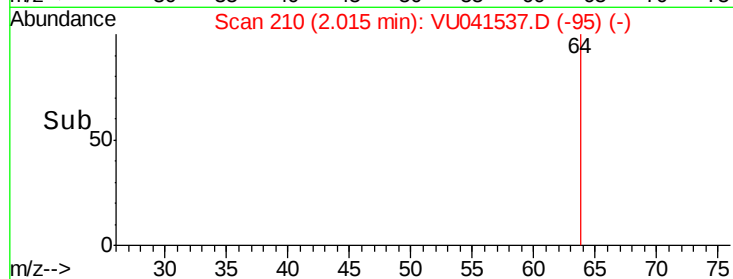
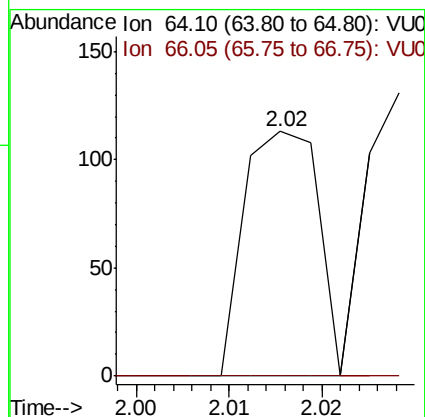
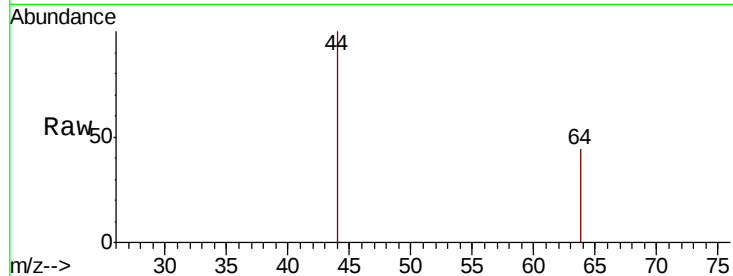




#8
Chloroethane
Concen: 0.032 ug/L
RT: 2.02 min Scan# 210
Delta R.T. 0.07 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

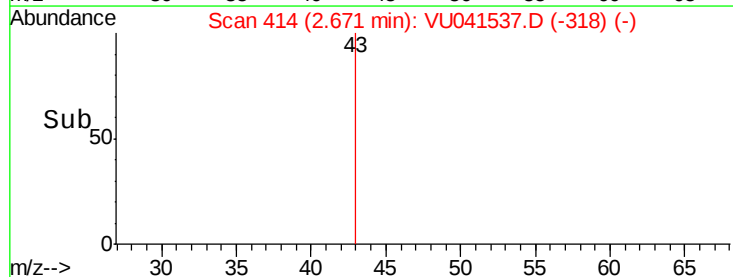
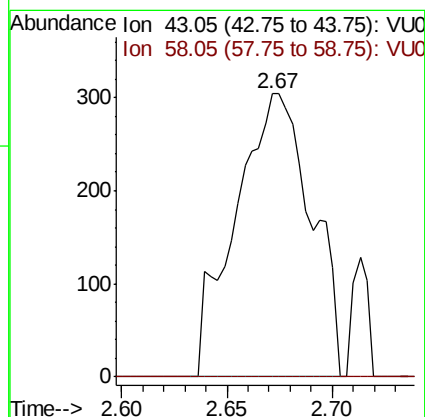
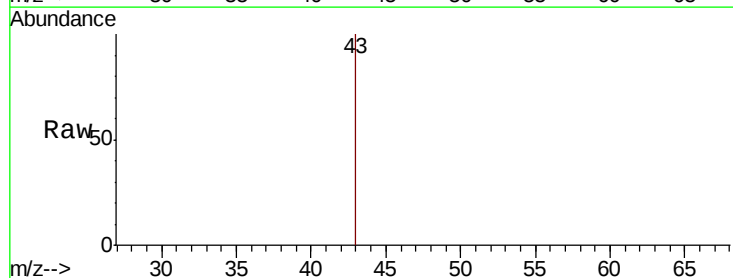
Instrument :
MSVOA_U
ClientSampleID :
C0AS3

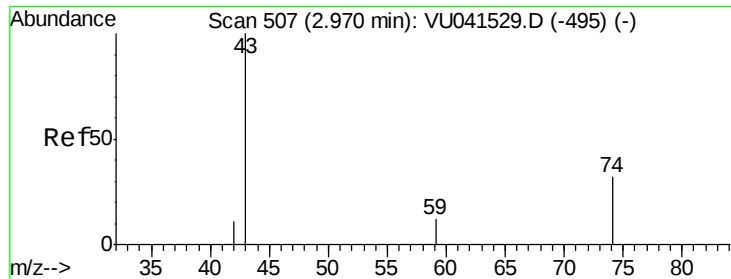
Tot Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 1.163 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.01 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 0.0 0.0 50.0

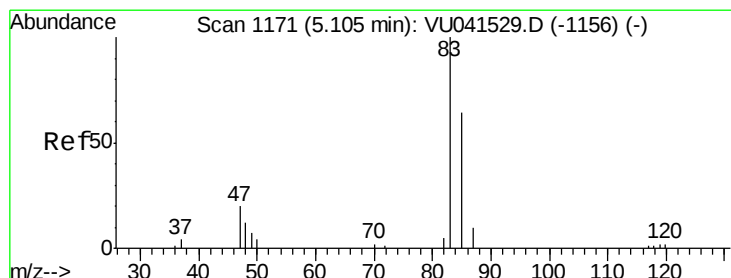
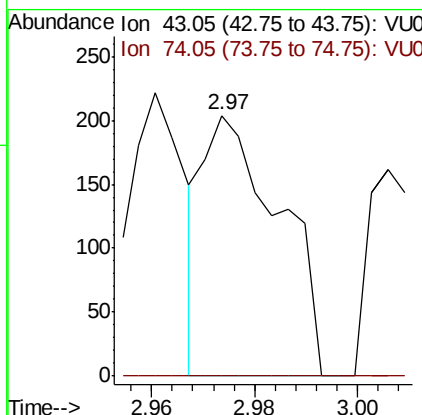
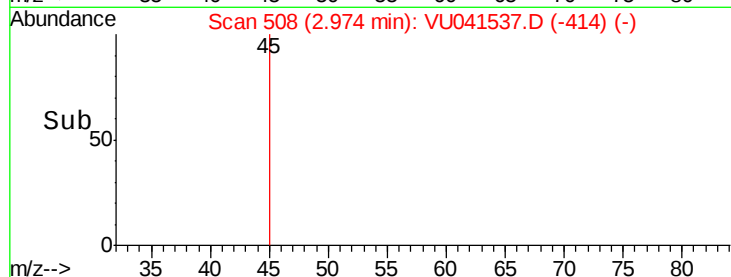
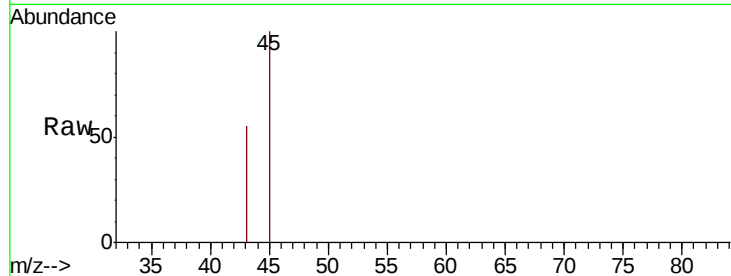




#15
Methyl Acetate
Concen: 0.174 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

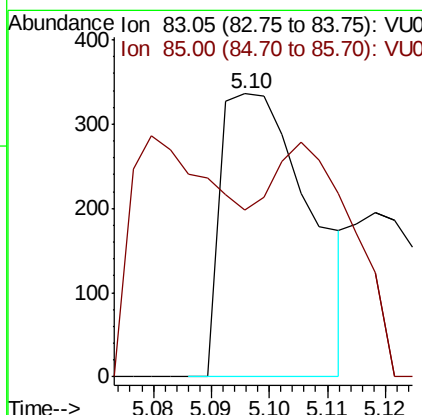
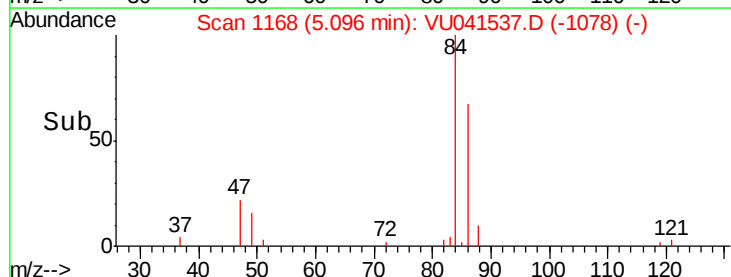
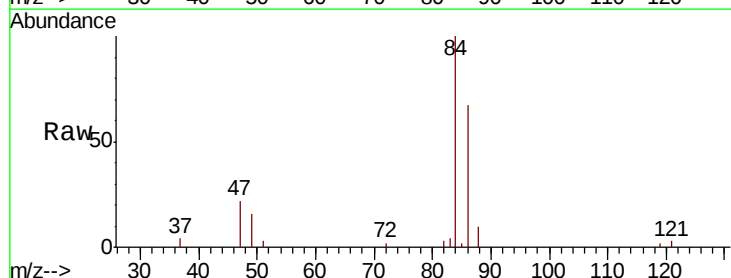
Instrument :
MSVOA_U
ClientSampled :
C0AS3

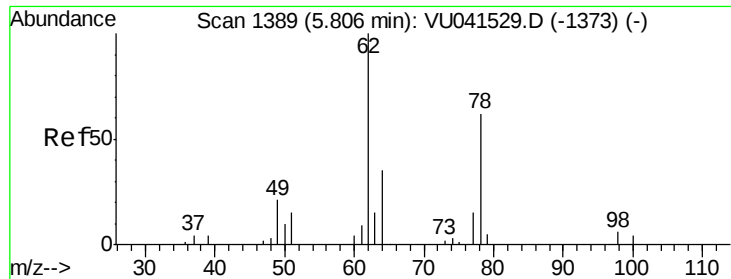
Tot Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#



#25
Chloroform
Concen: 0.059 ug/L
RT: 5.10 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Tgt Ion: 83 Resp: 357
Ion Ratio Lower Upper
83 100
85 58.9 44.7 82.9

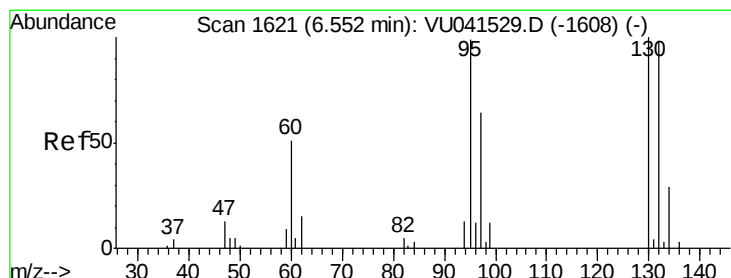
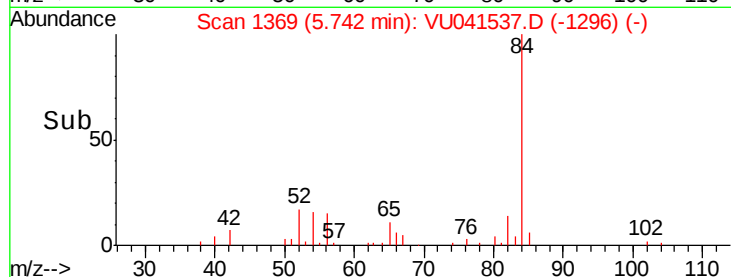
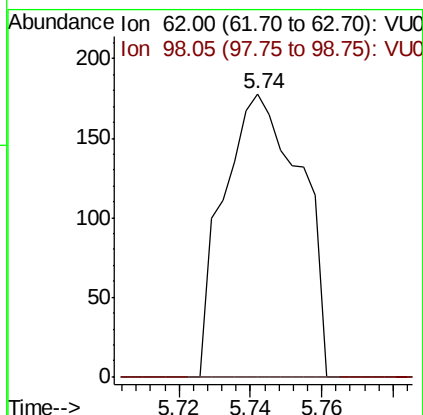
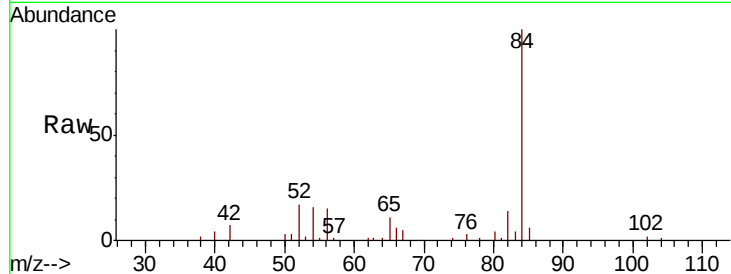




#27
 1,2-Dichloroethane
 Concen: 0.056 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041537.D
 Acq: 10 Dec 2020 15:31

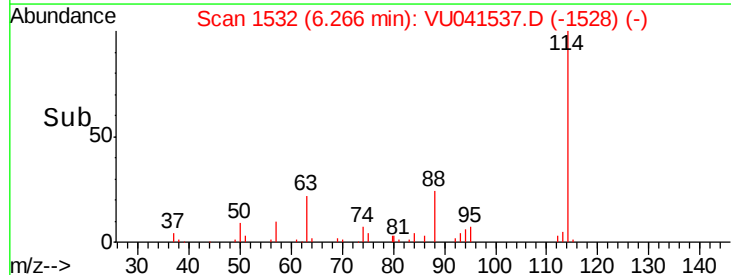
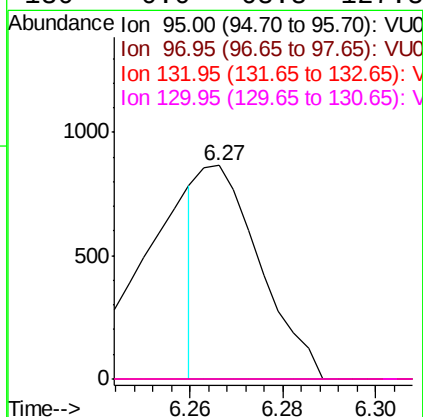
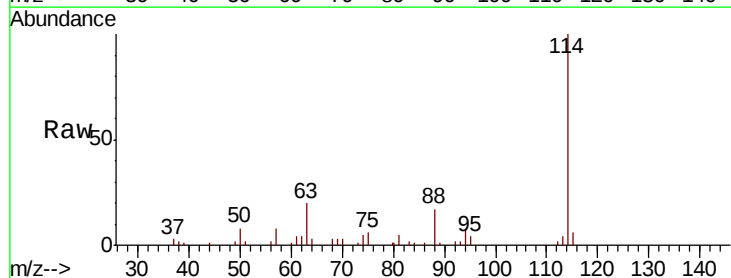
Instrument :
 MSVOA_U
 ClientSampleId :
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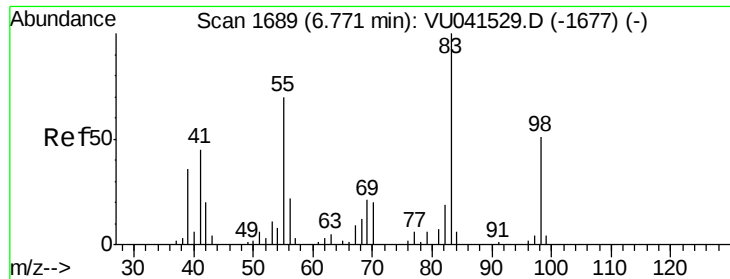
Tot Ion: 62 Resp: 266
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#34
 Trichloroethene
 Concen: 0.286 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU041537.D
 Acq: 10 Dec 2020 15:31

Tgt Ion: 95 Resp: 791
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.7 83.1#
 132 0.0 65.7 121.9#
 130 0.0 68.8 127.8#

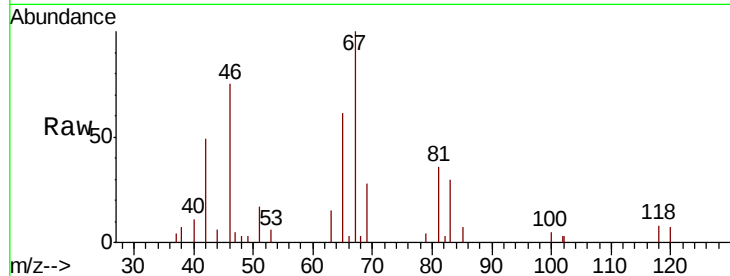




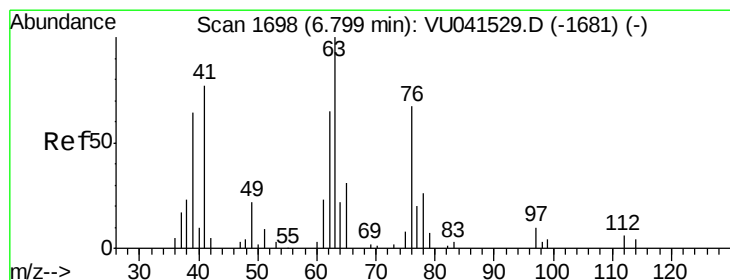
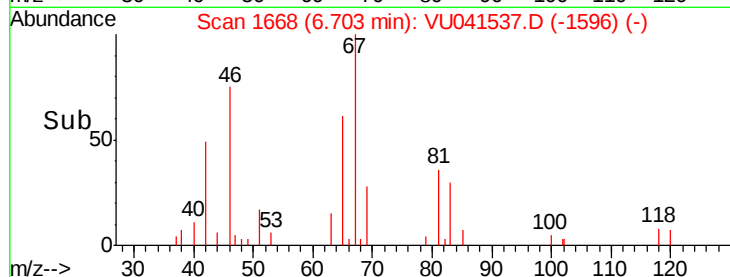
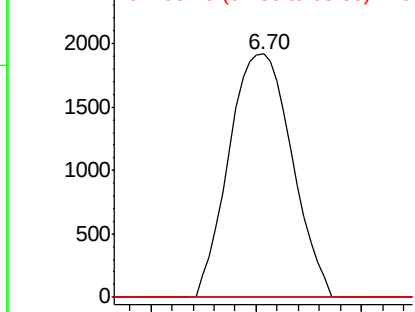
#35
Methvlcvclohexane
Concen: 1.050 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Instrument :
MSVOA_U
ClientSampleId :
C0AS3

Tot Ion: 83 Resp: 3965
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

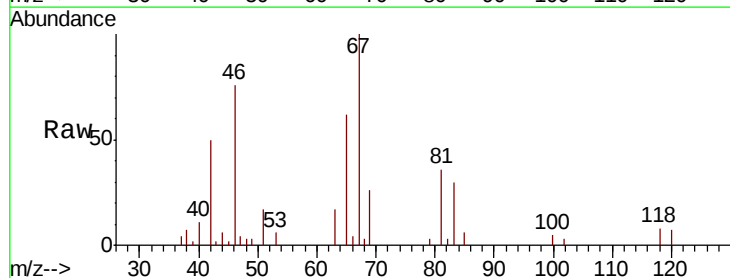


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

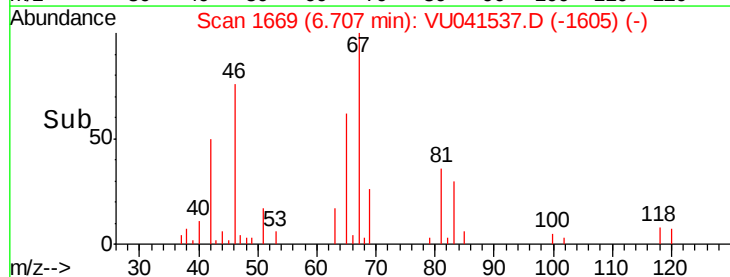
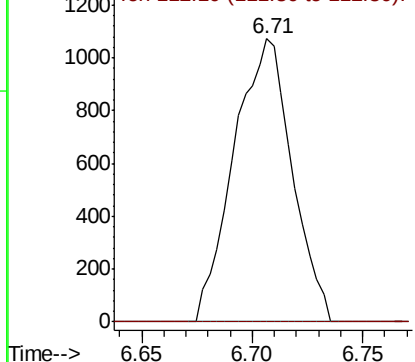


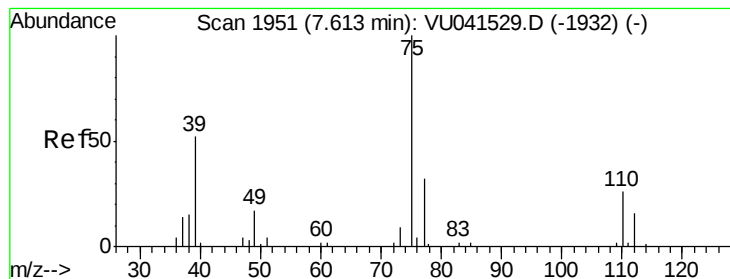
#37
1,2-Dichloropropane
Concen: 0.915 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Tgt Ion: 63 Resp: 1966
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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



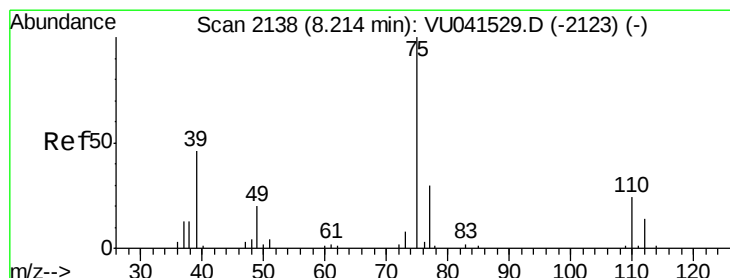
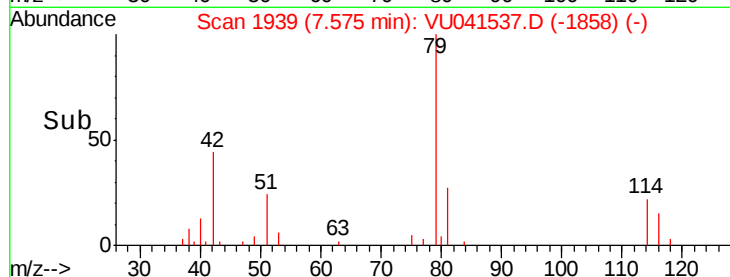
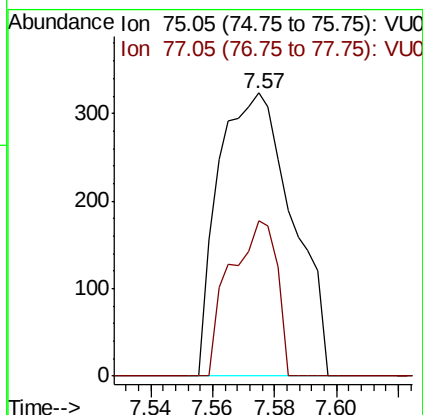
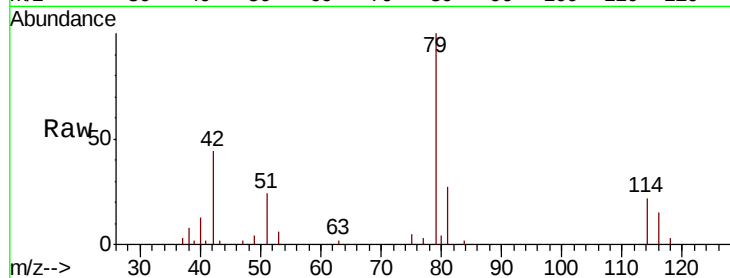


#39

cis-1,3-Dichloropropene
Concen: 0.139 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Instrument :
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ClientSampleId :
C0AS3

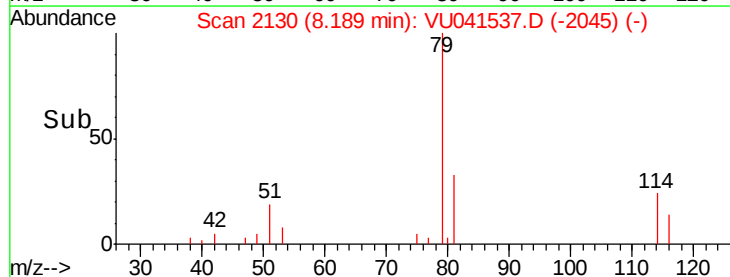
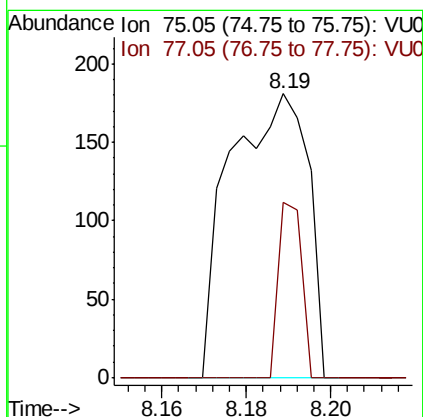
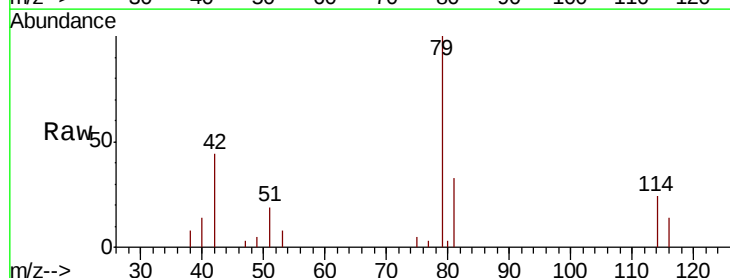
Tot Ion: 75 Resp: 538
Ion Ratio Lower Upper
75 100
77 55.1 24.0 44.6#

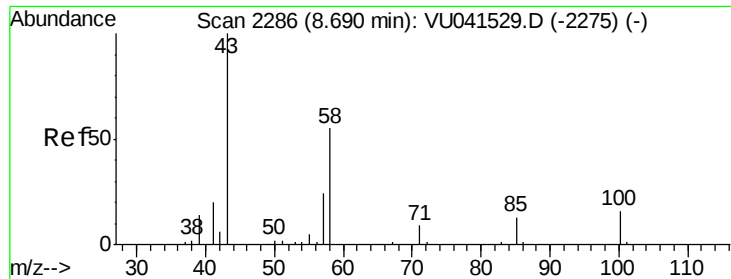


#44

trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Tgt Ion: 75 Resp: 232
Ion Ratio Lower Upper
75 100
77 61.9 22.7 42.3#

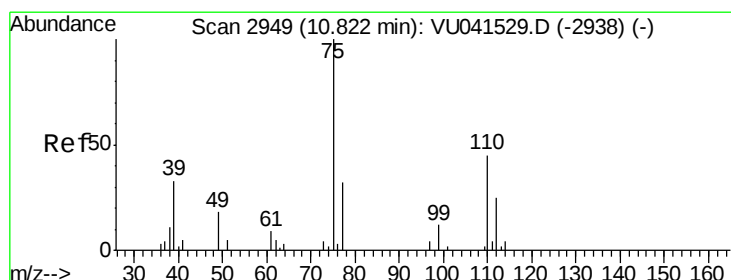
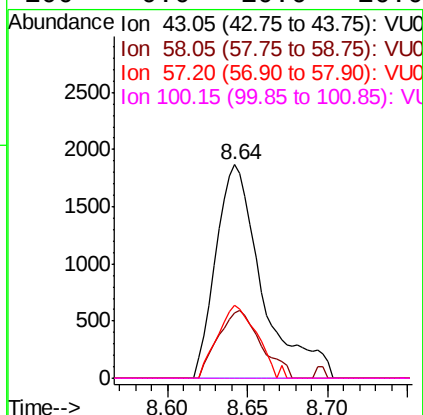
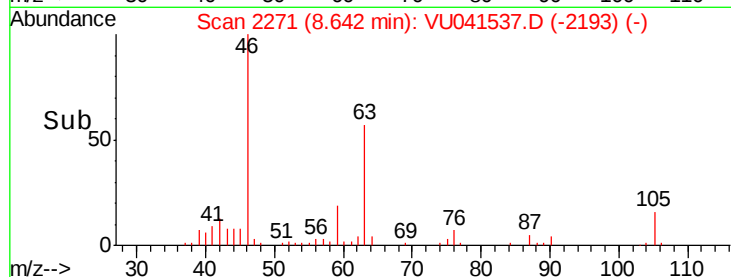
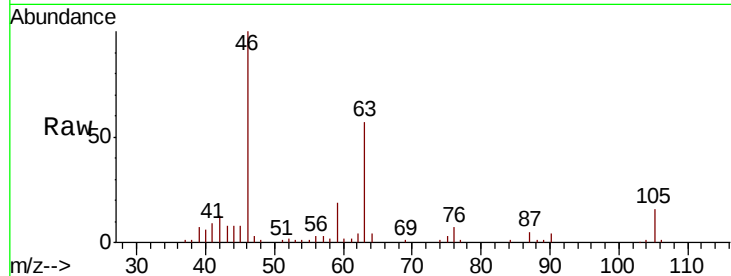




#48
2-Hexanone
Concen: 2.672 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Instrument :
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ClientSampleId :
C0AS3

Tot Ion: 43 Resp: 3697
Ion Ratio Lower Upper
43 100
58 29.3 41.4 62.0#
57 29.1 17.1 25.7#
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.861 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041537.D
Acq: 10 Dec 2020 15:31

Tgt Ion: 75 Resp: 1796
Ion Ratio Lower Upper
75 100
77 43.0 26.3 39.5#

