

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041558.D
 Acq On : 11 Dec 2020 00:43
 Operator : SY/MD
 Sample : L5023-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ1

Quant Time: Dec 11 07:35:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	37380	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	43734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8855	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	8755	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	17353	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.66	46	29656	41.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.38%
24) Chloroform-d	5.08	84	27684	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	18052	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	38880	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.70	67	9256	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	65.00%
41) Toluene-d8	7.91	98	34946	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.19	79	6255	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.64	63	19018	27.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	54.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10998	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	18470	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

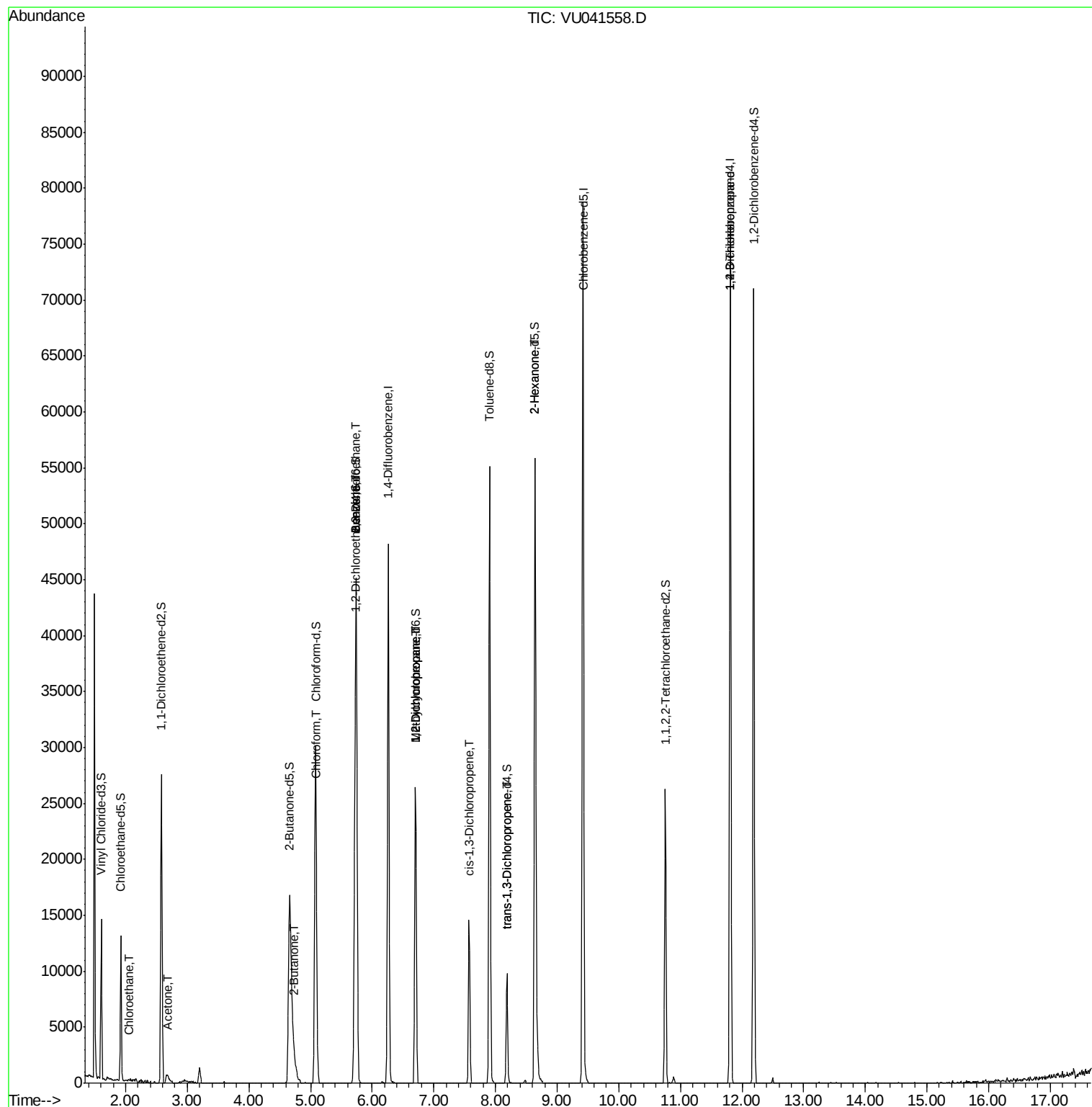
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.04	64	63	0.038	ug/L #	45
13) Acetone	2.67	43	1817	3.242	ug/L	69
21) 2-Butanone	4.74	43	1023	1.459	ug/L #	43
25) Chloroform	5.10	83	1117	0.215	ug/L	93
27) 1,2-Dichloroethane	5.74	62	146	0.036	ug/L #	79
33) Benzene	5.74	78	274	0.025	ug/L	100
35) Methylcyclohexane	6.70	83	3068	0.688	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	1646	0.649	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	415	0.091	ug/L	91
44) trans-1,3-Dichloropropene	8.19	75	238	0.052	ug/L #	42
48) 2-Hexanone	8.64	43	2999	1.836	ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	1961	0.797	ug/L #	77

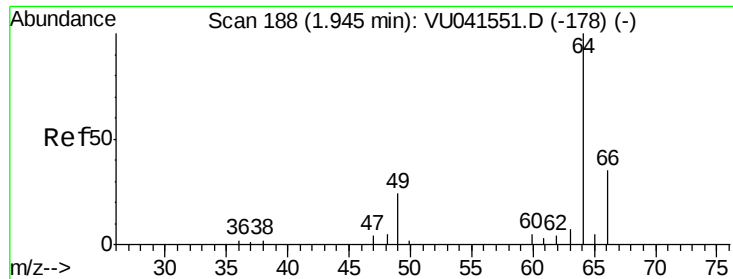
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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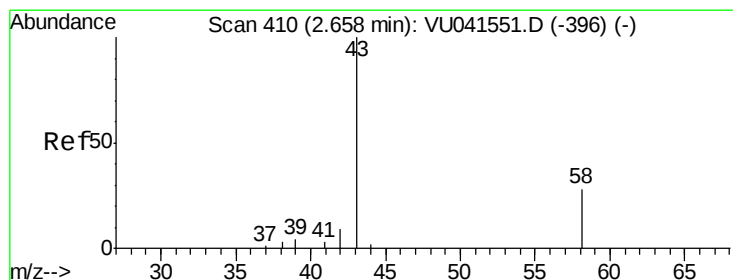
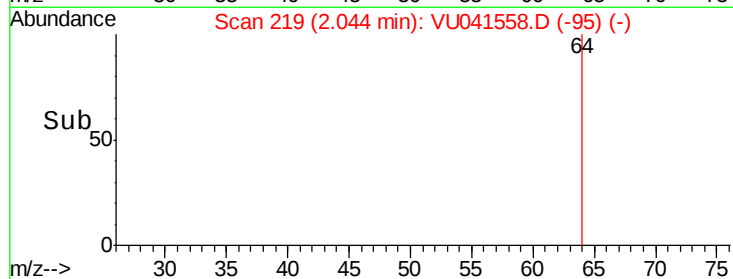
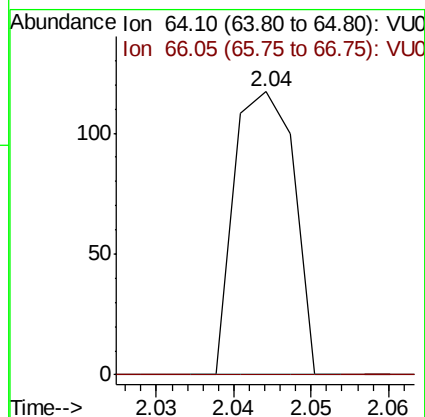
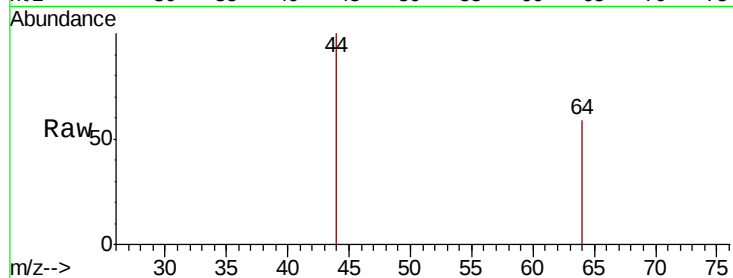




#8
Chloroethane
Concen: 0.038 ug/L
RT: 2.04 min Scan# 219
Delta R.T. 0.10 min
Lab File: VU041558.D
Acq: 11 Dec 2020 00:43

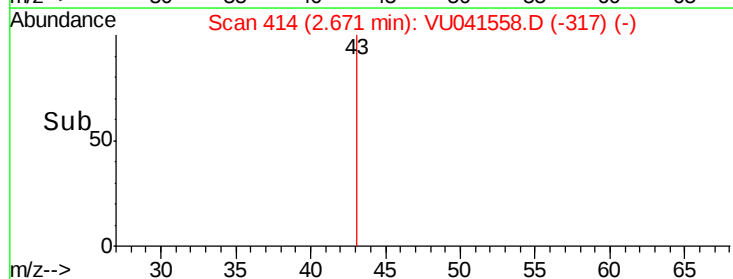
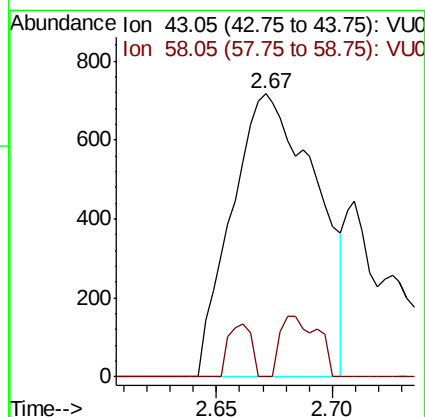
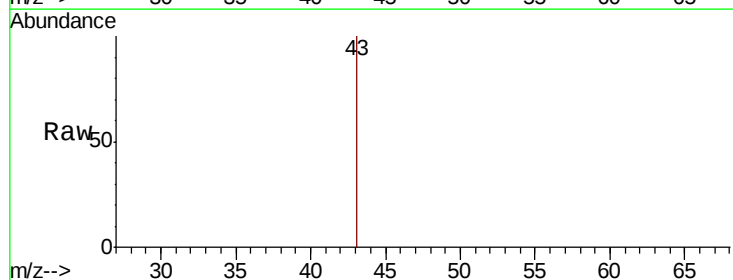
Instrument :
MSVOA_U
ClientSampleId :
C0AZ1

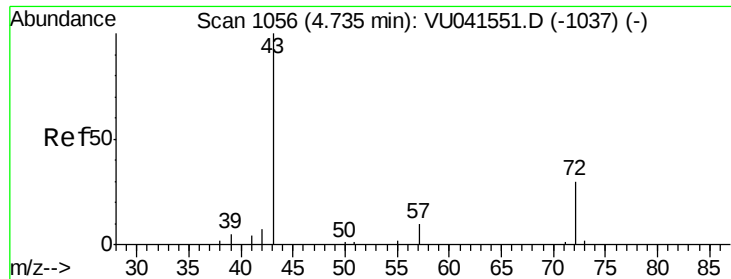
Tot Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 3.242 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.01 min
Lab File: VU041558.D
Acq: 11 Dec 2020 00:43

Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
58 9.4 0.0 50.0

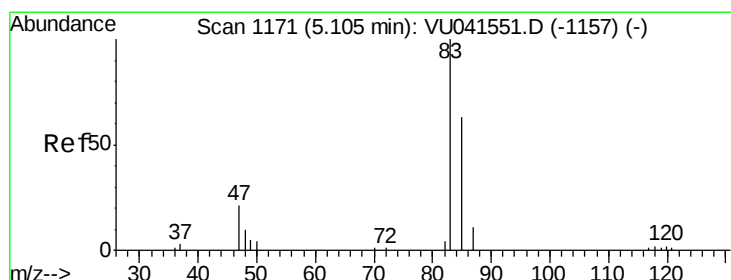
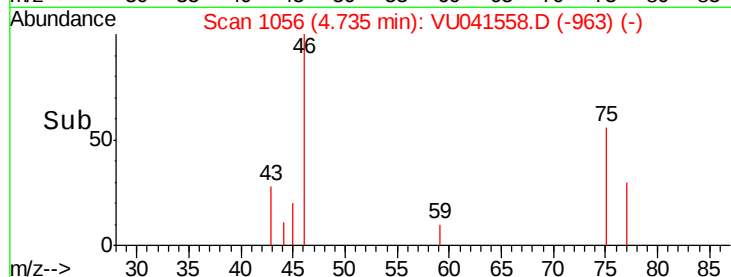
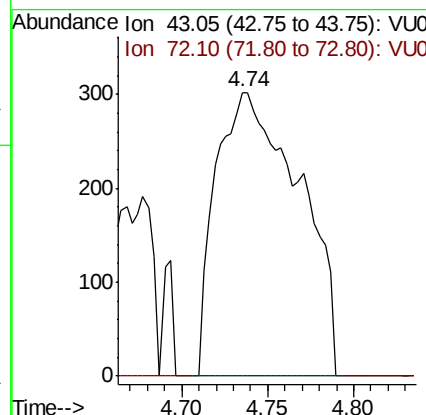
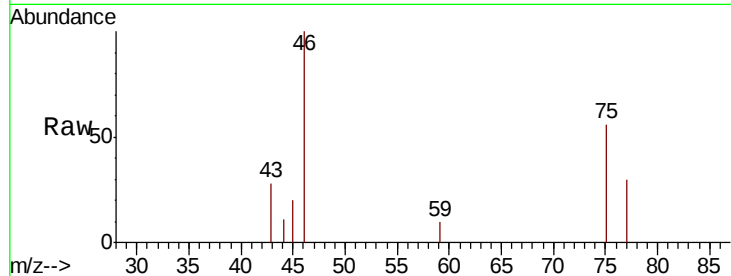




#21
 2-Butanone
 Concen: 1.459 ug/L
 RT: 4.74 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VU041558.D
 Acq: 11 Dec 2020 00:43

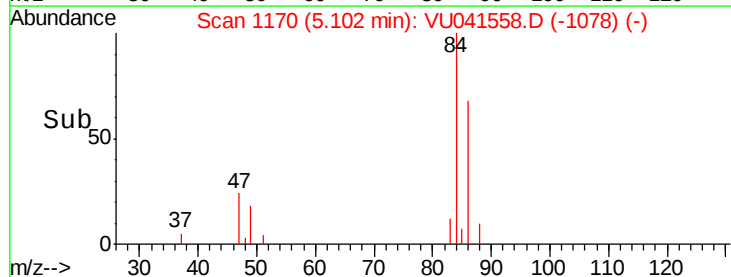
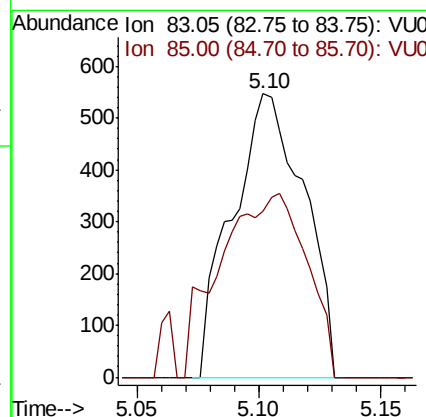
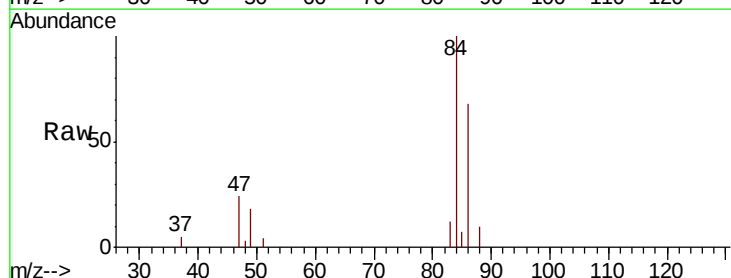
Instrument :
 MSVOA_U
 ClientSampleId :
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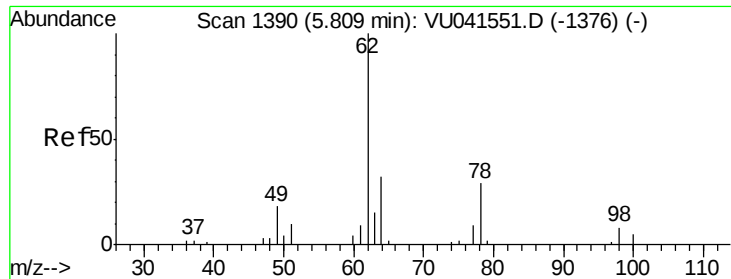
Tot Ion: 43 Resp: 1023
 Ion Ratio Lower Upper
 43 100
 72 0.0 15.7 47.1#



#25
 Chloroform
 Concen: 0.215 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: VU041558.D
 Acq: 11 Dec 2020 00:43

Tgt Ion: 83 Resp: 1117
 Ion Ratio Lower Upper
 83 100
 85 58.5 44.7 82.9

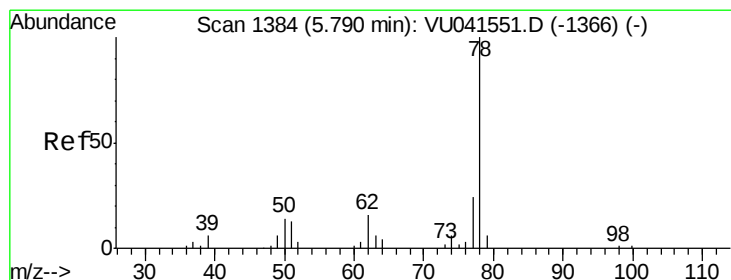
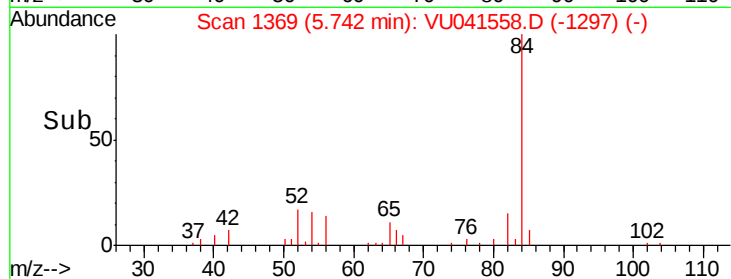
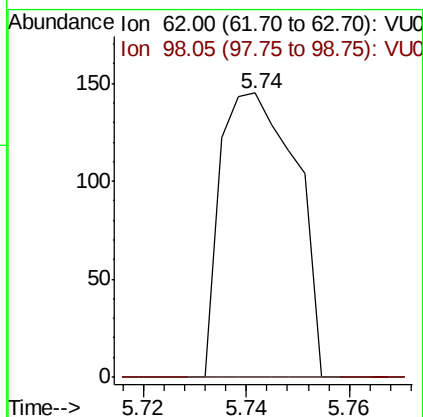
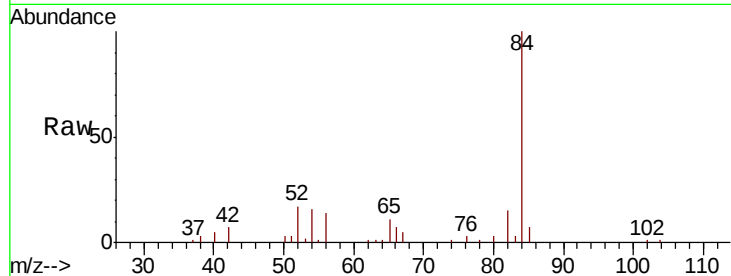




#27
 1,2-Dichloroethane
 Concen: 0.036 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041558.D
 Acq: 11 Dec 2020 00:43

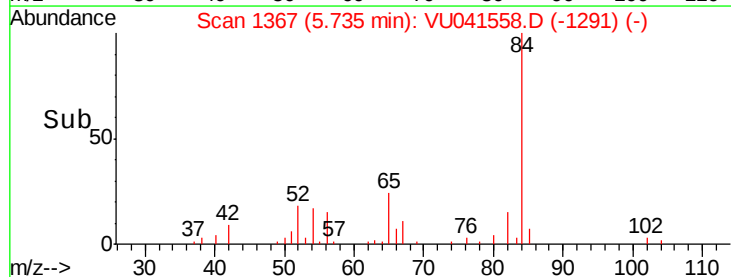
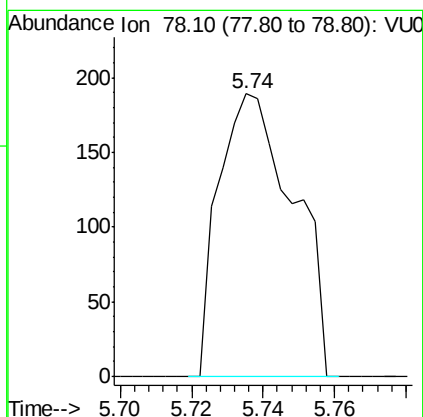
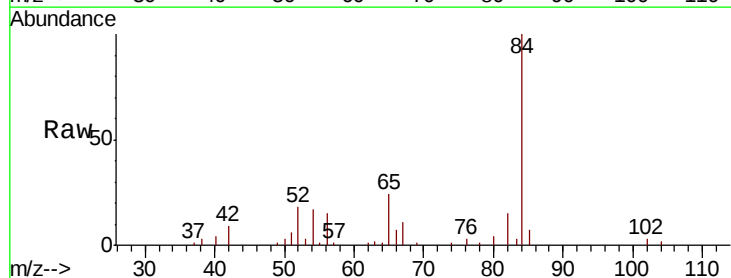
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ1

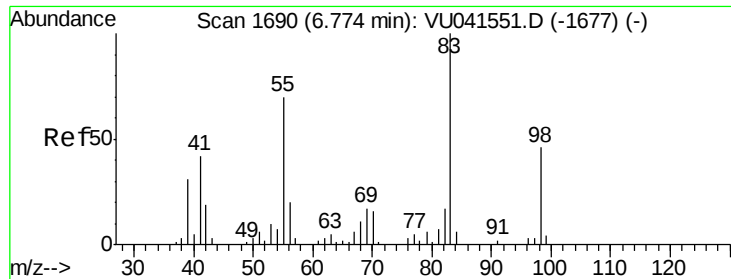
Tot Ion: 62 Resp: 146
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#33
 Benzene
 Concen: 0.025 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.05 min
 Lab File: VU041558.D
 Acq: 11 Dec 2020 00:43

Tgt Ion: 78 Resp: 274

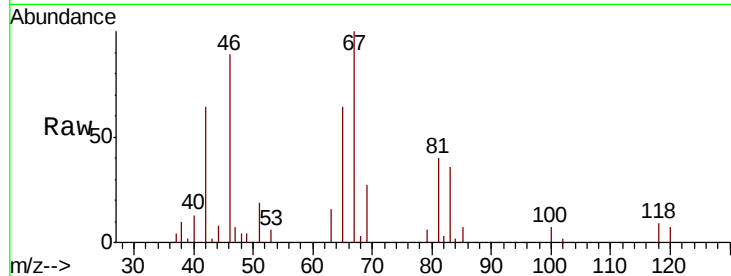




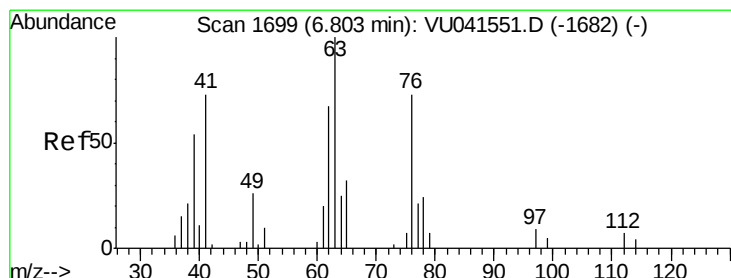
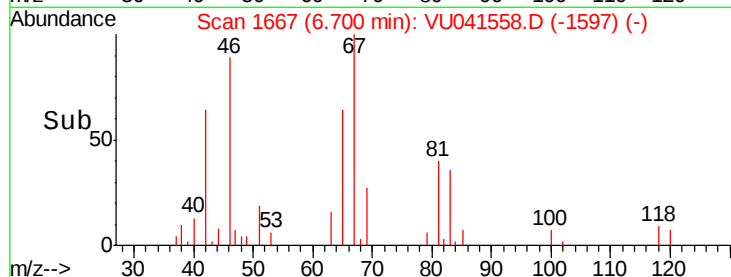
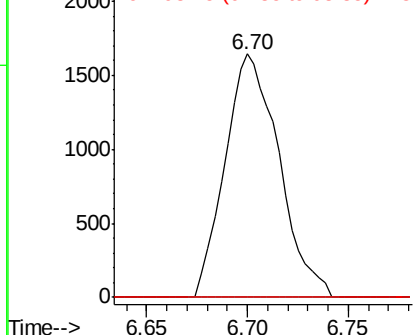
#35
Methvlcvclohexane
Concen: 0.688 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041558.D
Acq: 11 Dec 2020 00:43

Instrument :
MSVOA_U
ClientSampleId :
C0AZ1

Tot Ion: 83 Resp: 3068
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

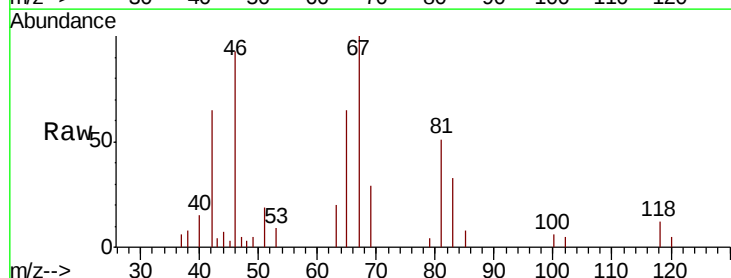


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

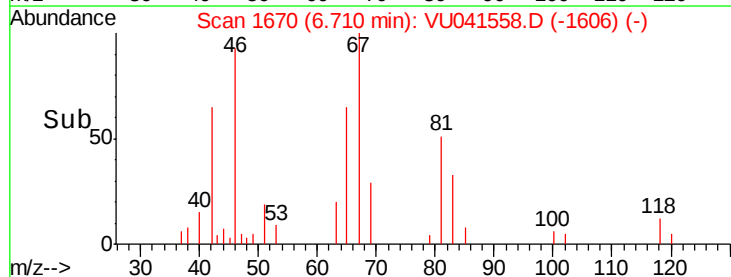
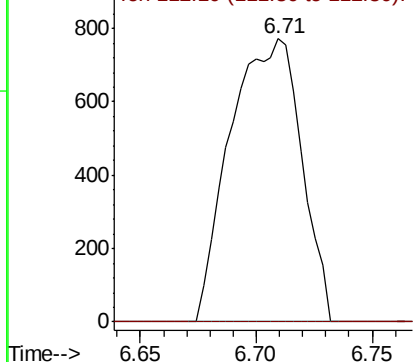


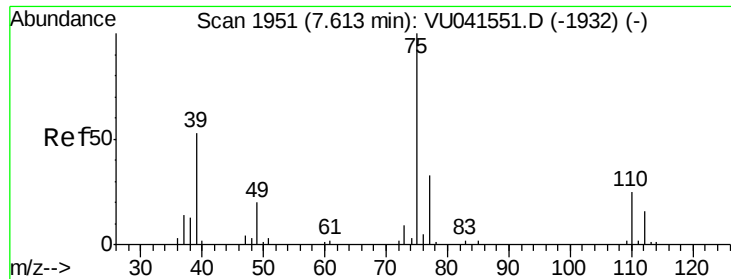
#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU041558.D
Acq: 11 Dec 2020 00:43

Tgt Ion: 63 Resp: 1646
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

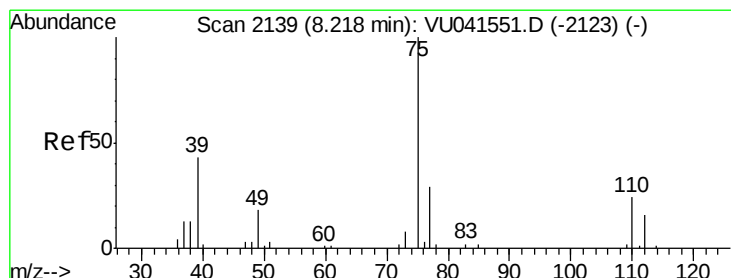
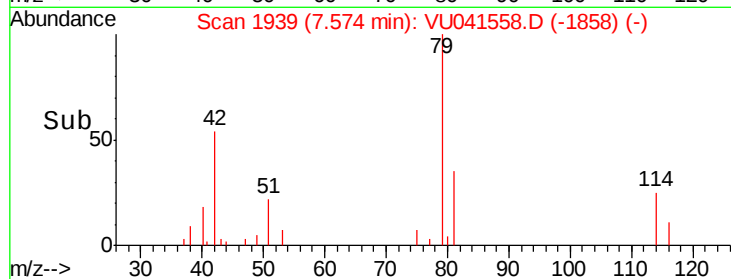
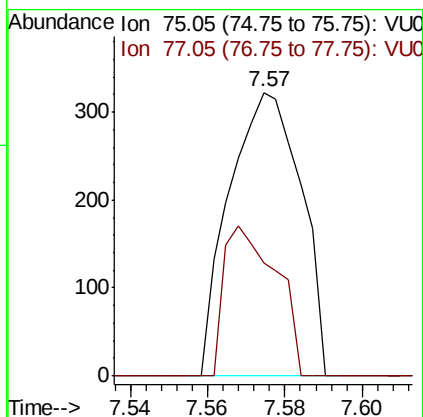
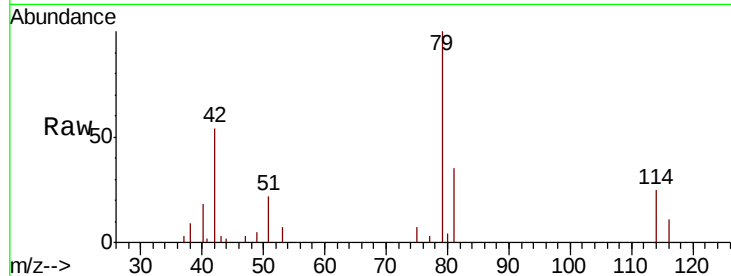




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041558.D
 Acq: 11 Dec 2020 00:43

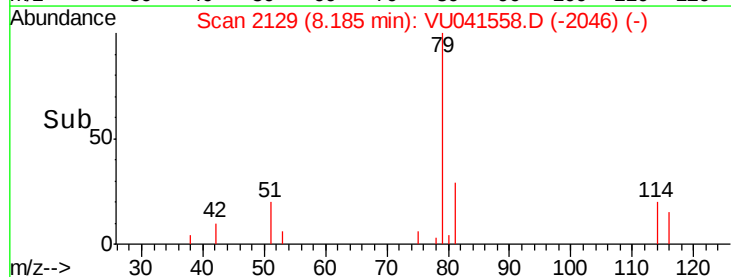
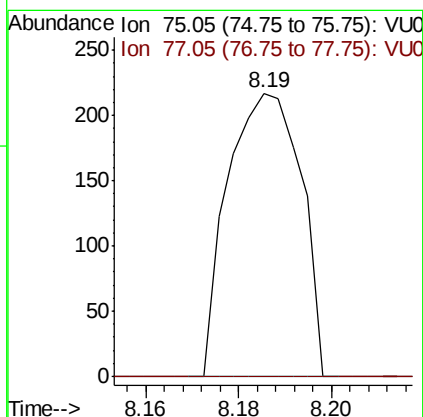
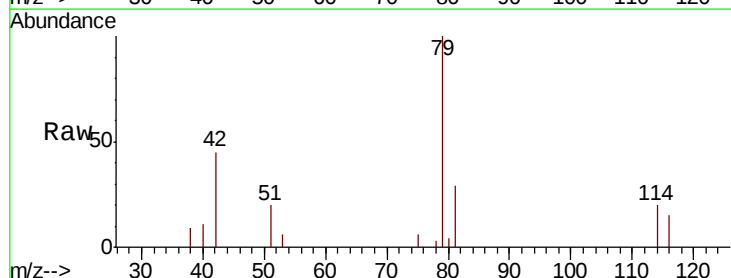
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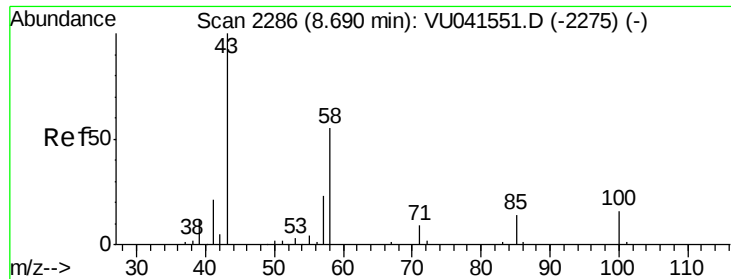
Tot Ion: 75 Resp: 415
 Ion Ratio Lower Upper
 75 100
 77 39.8 24.0 44.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041558.D
 Acq: 11 Dec 2020 00:43

Tgt Ion: 75 Resp: 238
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.7 42.3#

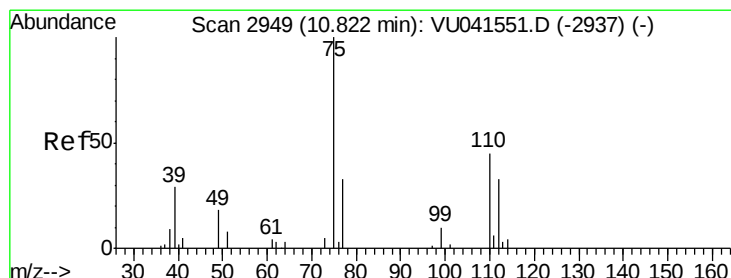
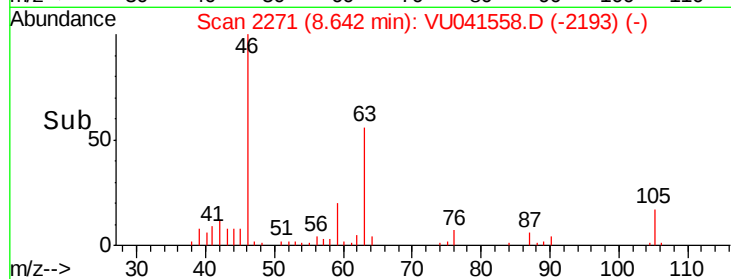
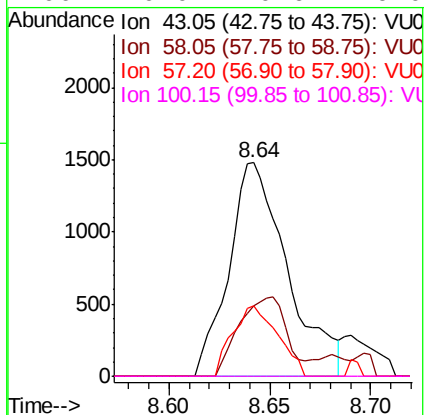
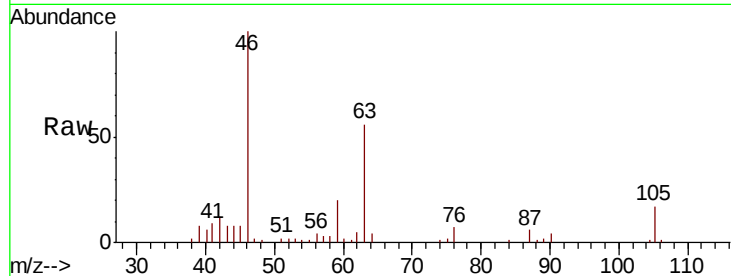




#48
2-Hexanone
Concen: 1.836 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041558.D
Acq: 11 Dec 2020 00:43

Instrument :
MSVOA_U
ClientSampled :
C0AZ1

Tot Ion: 43 Resp: 2999
Ion Ratio Lower Upper
43 100
58 30.5 41.4 62.0#
57 25.5 17.1 25.7
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.797 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041558.D
Acq: 11 Dec 2020 00:43

Tgt Ion: 75 Resp: 1961
Ion Ratio Lower Upper
75 100
77 45.9 26.3 39.5#

