

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040189.D
 Acq On : 17 Sep 2020 18:18
 Operator : SY/MD
 Sample : L4063-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF4

Quant Time: Sep 18 04:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	101051	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100247	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43069	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26554	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.92	69	24672	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.58	63	44870	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.66	46	114566	51.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	5.08	84	64967	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	38890	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	115453	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	38812	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	92335	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	15536	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	79131	47.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33516	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37388	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

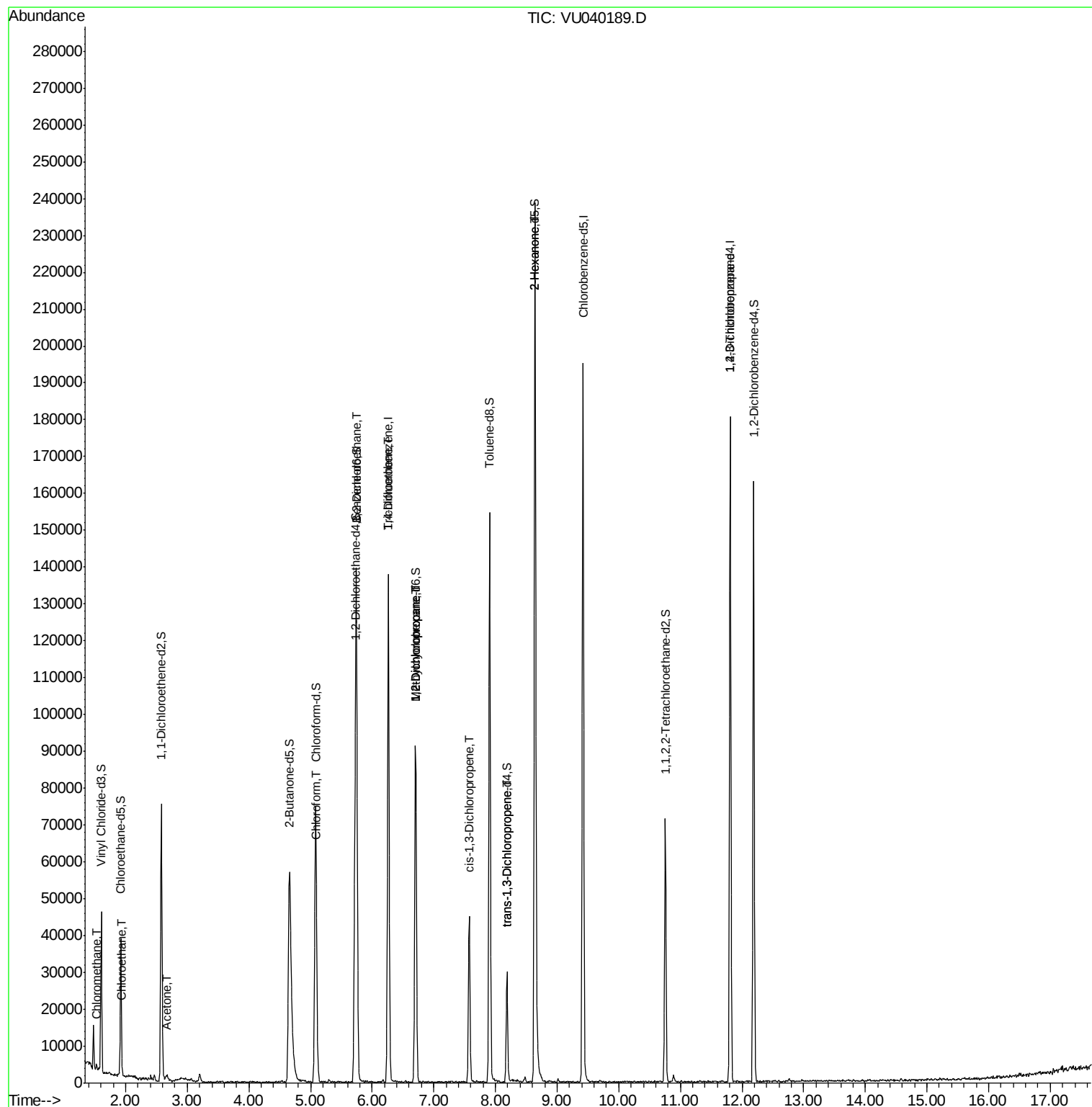
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	973	0.101	ug/L	85
8) Chloroethane	1.95	64	194	0.033	ug/L #	42
13) Acetone	2.67	43	1706	0.835	ug/L	100
25) Chloroform	5.11	83	3341	0.188	ug/L	96
27) 1,2-Dichloroethane	5.74	62	863	0.066	ug/L #	78
34) Trichloroethene	6.26	95	1936	0.201	ug/L #	9
35) Methylcyclohexane	6.70	83	9619	0.653	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4759	0.490	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1401	0.098	ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	802	0.060	ug/L #	77
48) 2-Hexanone	8.64	43	10799	1.858	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7010	0.974	ug/L #	84

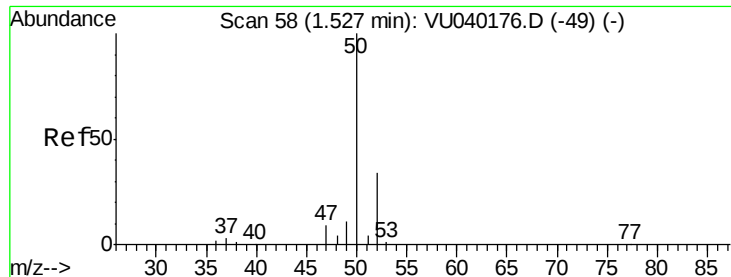
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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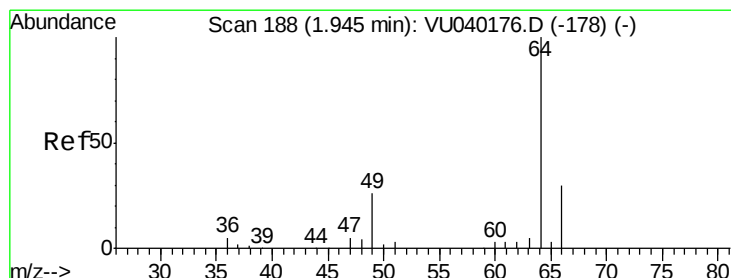
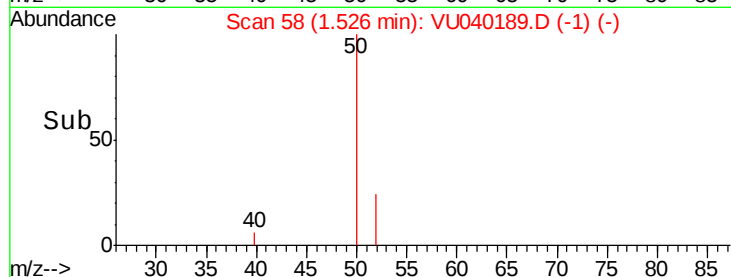
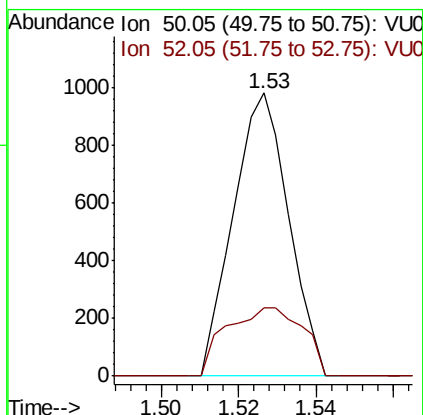
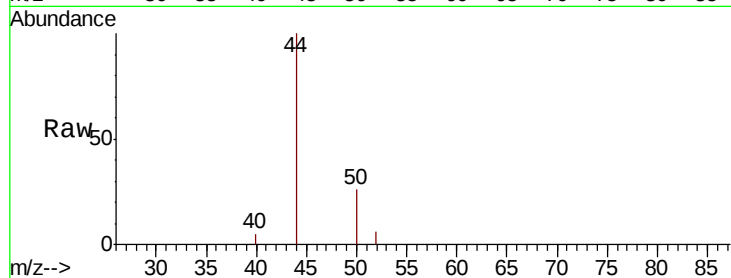




#3
Chloromethane
Concen: 0.101 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

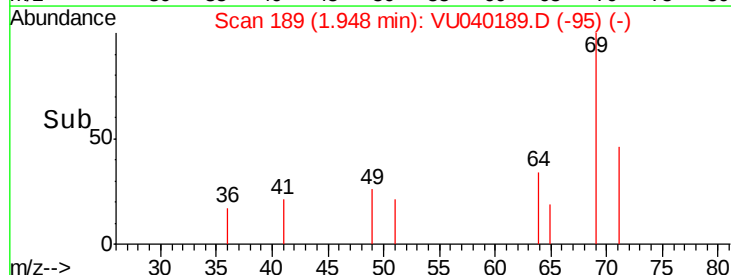
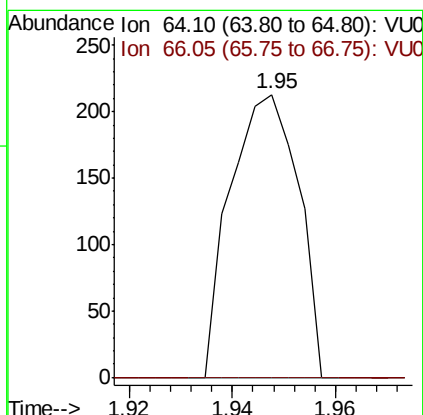
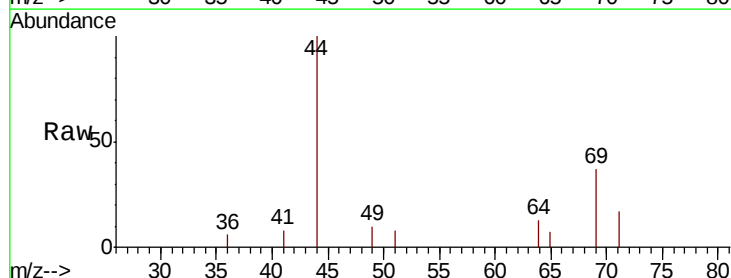
Instrument :
MSVOA_U
ClientSampled :
C0AF4

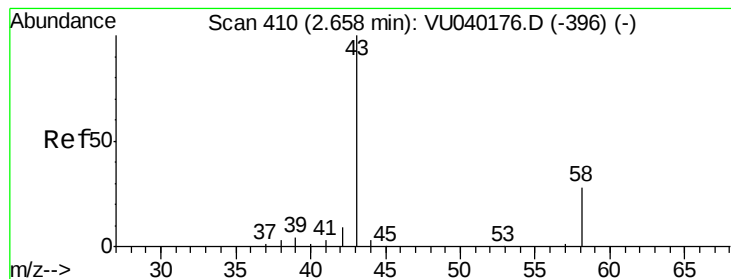
Tot Ion: 50 Resp: 973
Ion Ratio Lower Upper
50 100
52 24.0 22.8 42.4



#8
Chloroethane
Concen: 0.033 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

Tgt Ion: 64 Resp: 194
Ion Ratio Lower Upper
64 100
66 0.0 22.7 42.1#





#13

Acetone

Concen: 0.835 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.02 min

Lab File: VU040189.D

Acq: 17 Sep 2020 18:18

Instrument :

MSVOA_U

ClientSampleId :

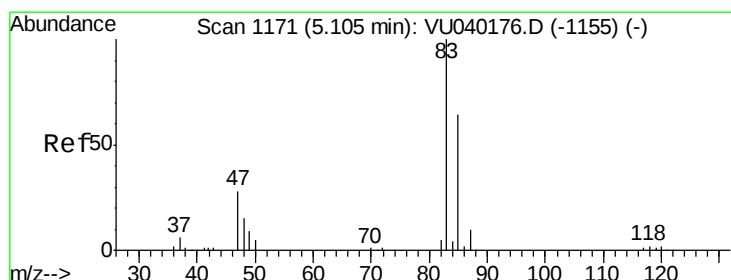
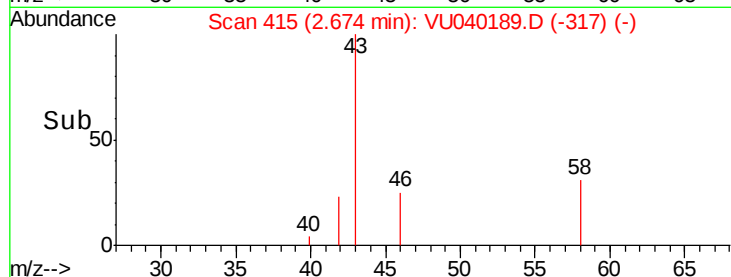
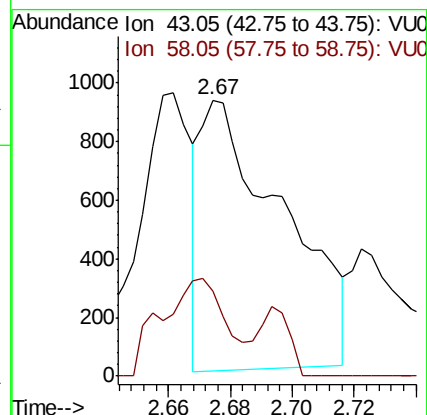
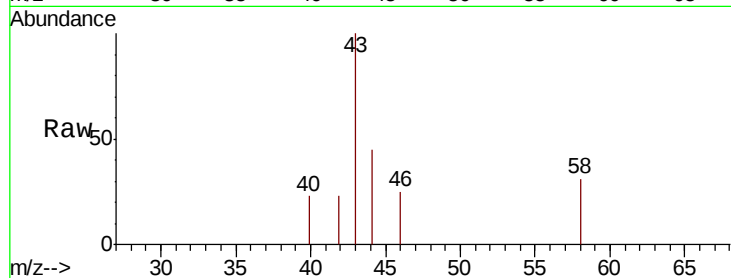
C0AF4

Tot Ion: 43 Resp: 1706

Ion Ratio Lower Upper

43 100

58 28.0 0.0 55.4



#25

Chloroform

Concen: 0.188 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040189.D

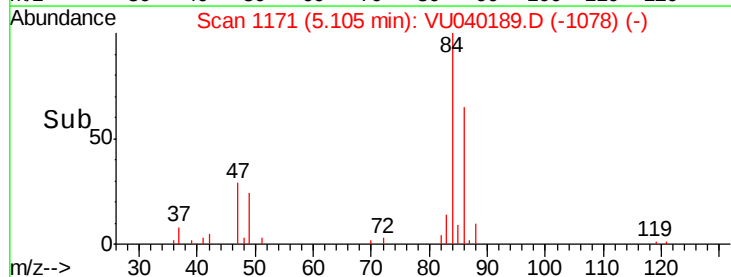
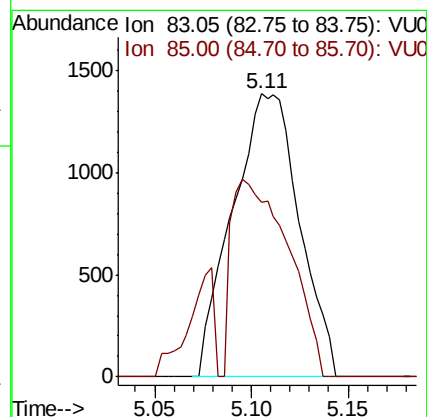
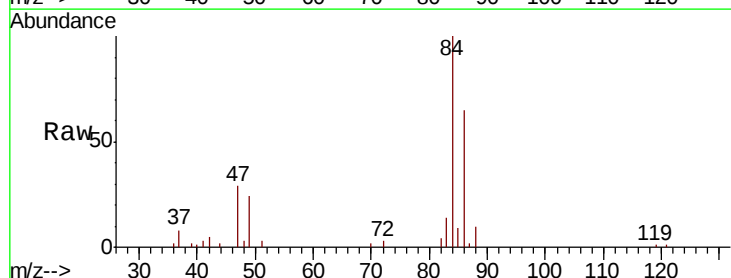
Acq: 17 Sep 2020 18:18

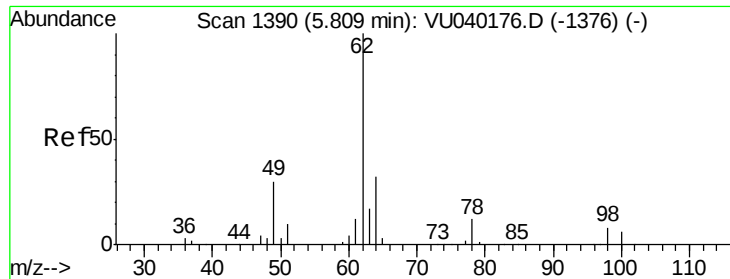
Tgt Ion: 83 Resp: 3341

Ion Ratio Lower Upper

83 100

85 61.4 45.3 84.1

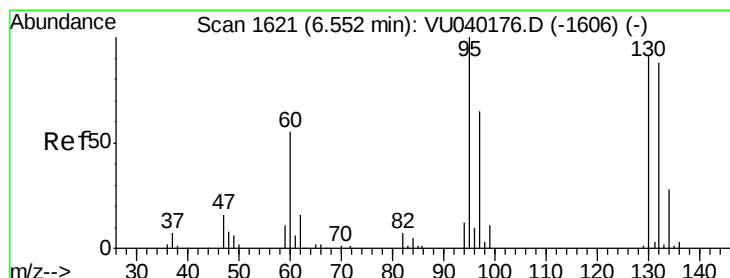
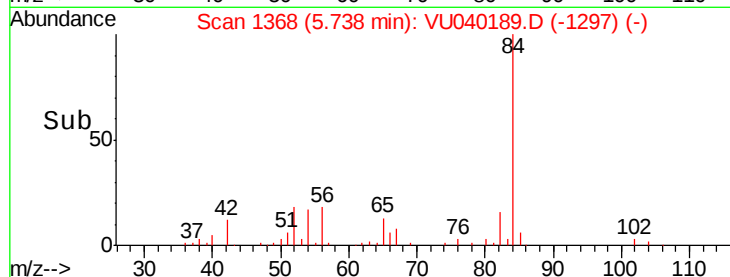
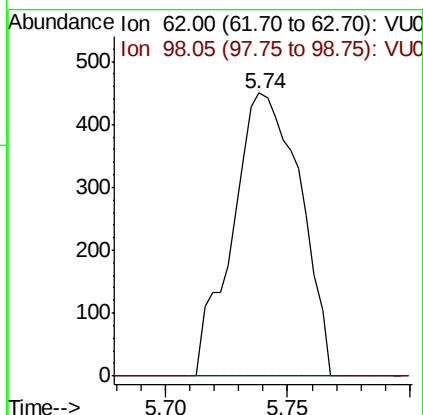
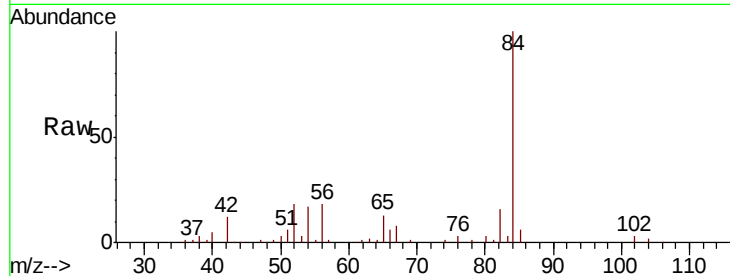




#27
 1,2-Dichloroethane
 Concen: 0.066 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040189.D
 Acq: 17 Sep 2020 18:18

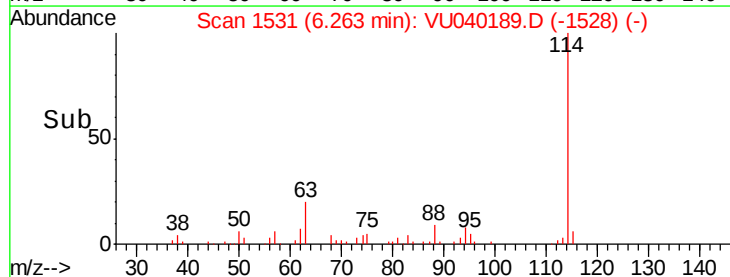
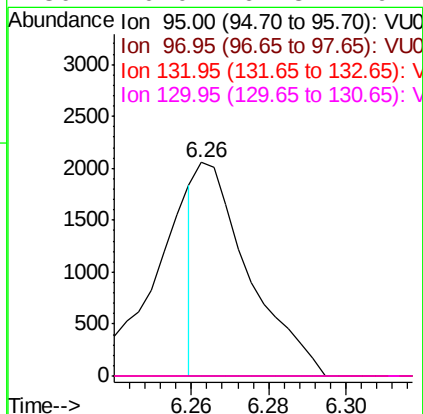
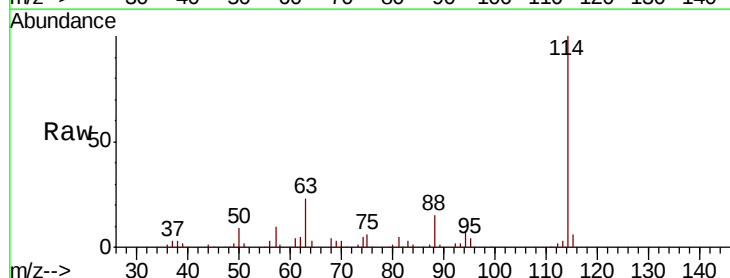
Instrument :
 MSVOA_U
 ClientSampled :
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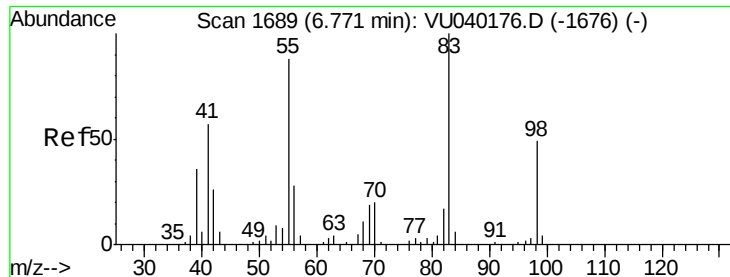
Tot Ion: 62 Resp: 863
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#34
 Trichloroethene
 Concen: 0.201 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040189.D
 Acq: 17 Sep 2020 18:18

Tgt Ion: 95 Resp: 1936
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#

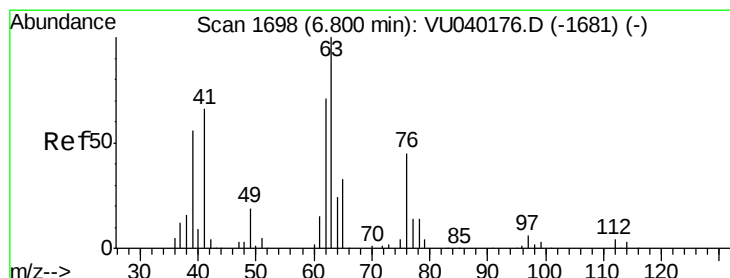
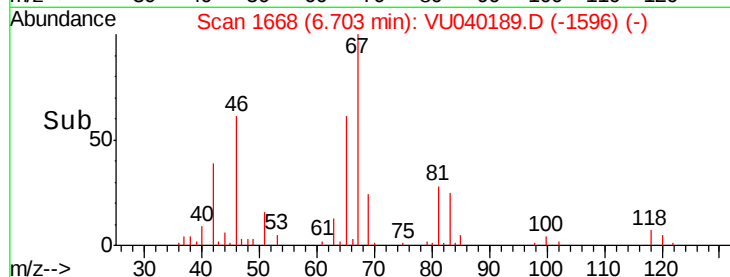
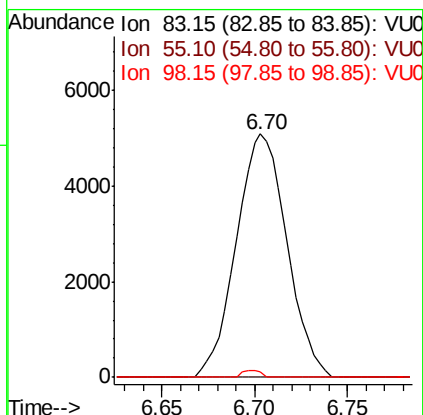
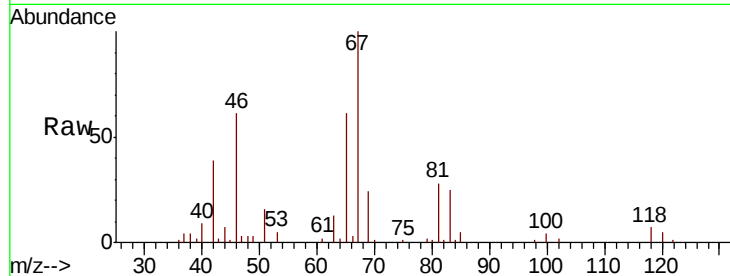




#35
Methvlcvclohexane
Concen: 0.653 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

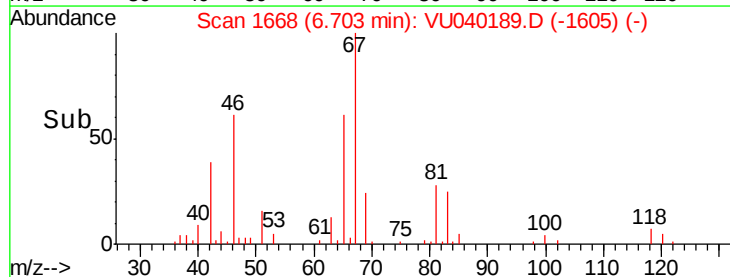
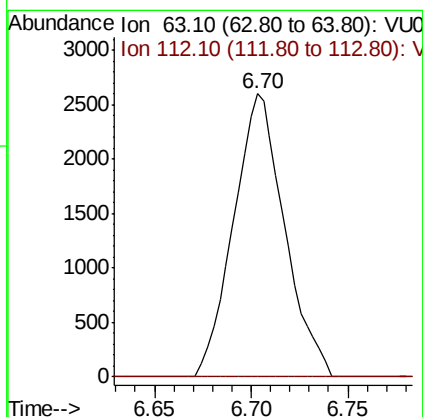
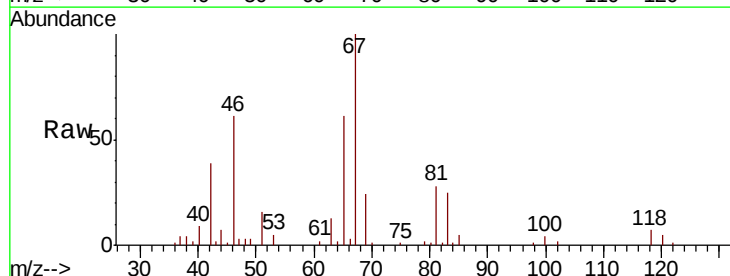
Instrument :
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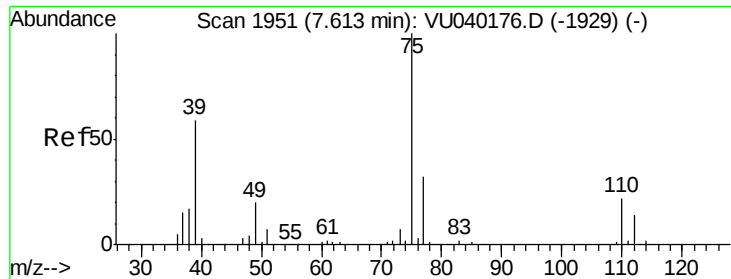
Tot Ion: 83 Resp: 9619
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.1 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

Tgt Ion: 63 Resp: 4759
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

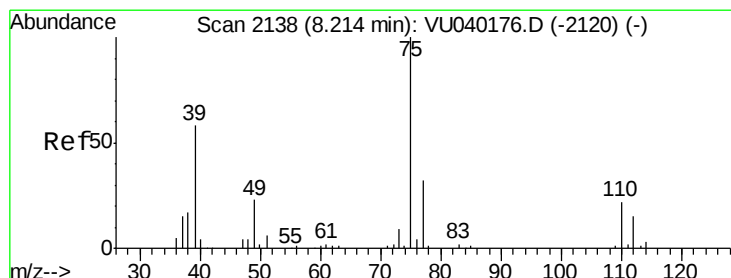
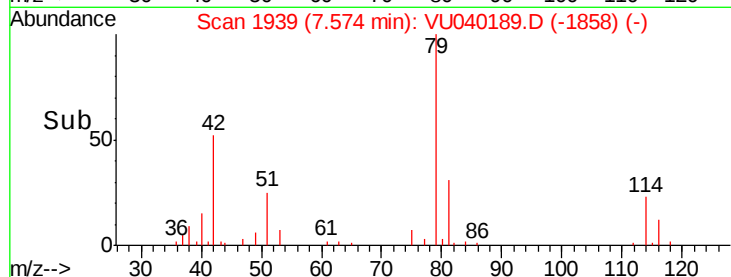
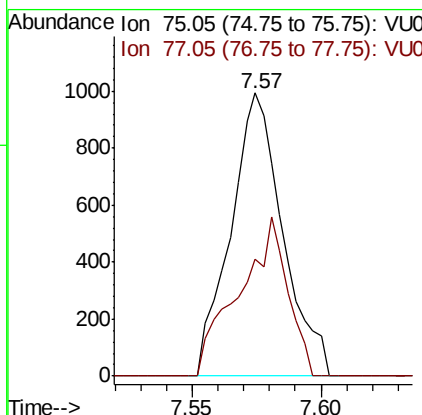
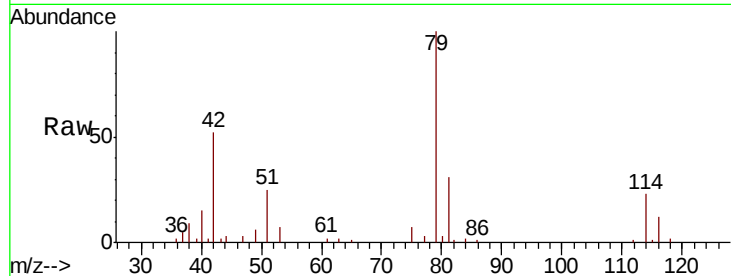




#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

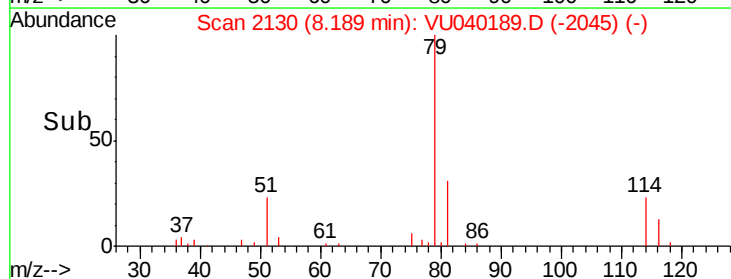
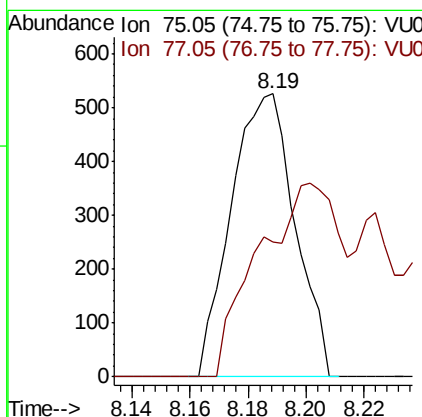
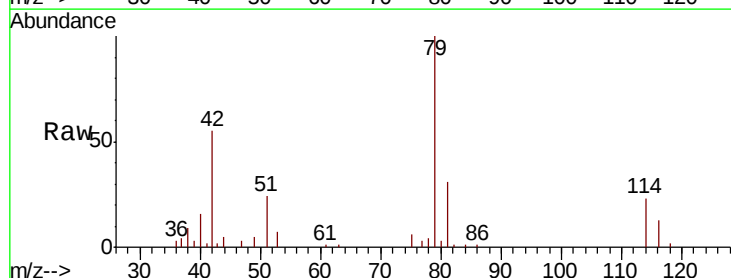
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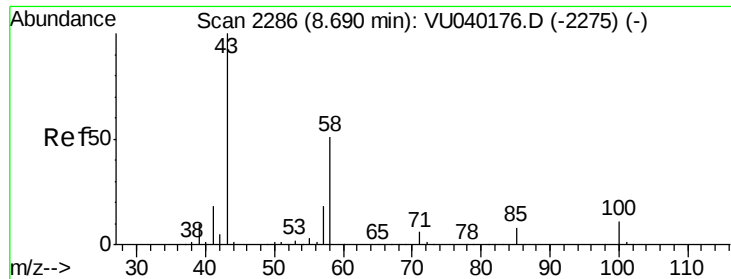
Tot Ion: 75 Resp: 1401
Ion Ratio Lower Upper
75 100
77 41.4 21.1 39.3#



#44
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

Tgt Ion: 75 Resp: 802
Ion Ratio Lower Upper
75 100
77 47.5 23.9 44.3#

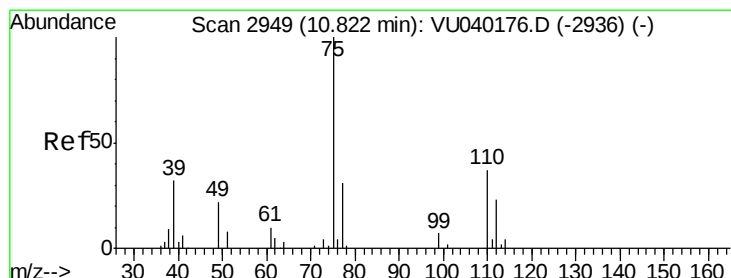
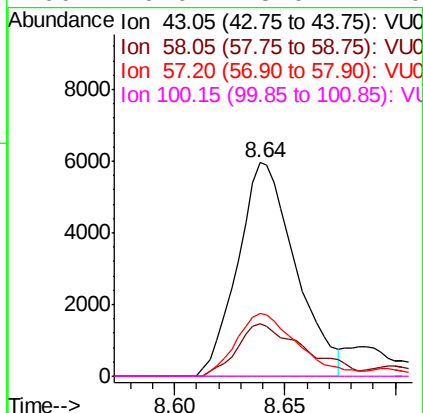
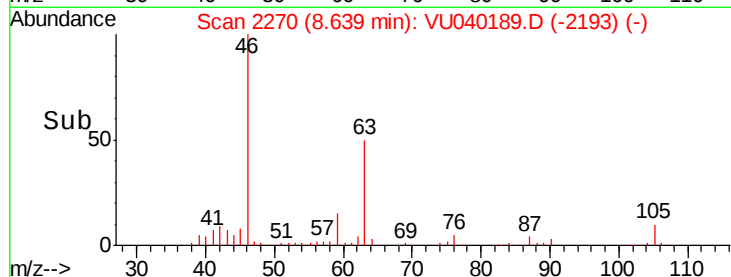
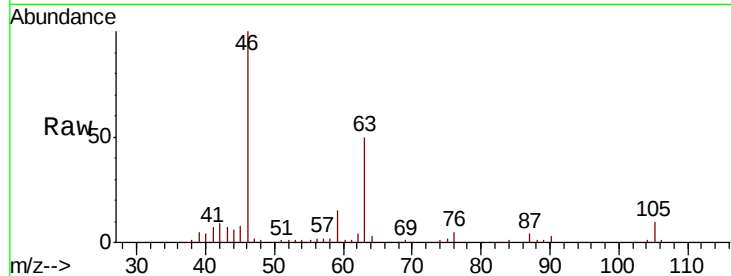




#48
2-Hexanone
Concen: 1.858 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

Instrument :
MSVOA_U
ClientSampled :
C0AF4

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.8	39.6	59.4#
57	31.6	14.3	21.5#
100	0.0	8.0	12.0#



#59
1,2,3-Trichloropropane
Concen: 0.974 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040189.D
Acq: 17 Sep 2020 18:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.7	24.9	37.3#

