

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041592.D
 Acq On : 13 Dec 2020 01:35
 Operator : SY/MD
 Sample : L5060-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B14

Quant Time: Dec 13 11:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34930	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.92	69	33266	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	54175	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.66	46	154728	53.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.46%
24) Chloroform-d	5.08	84	80864	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	49069	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	159007	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	53024	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	139247	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	21806	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	121211	43.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50877	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	53859	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

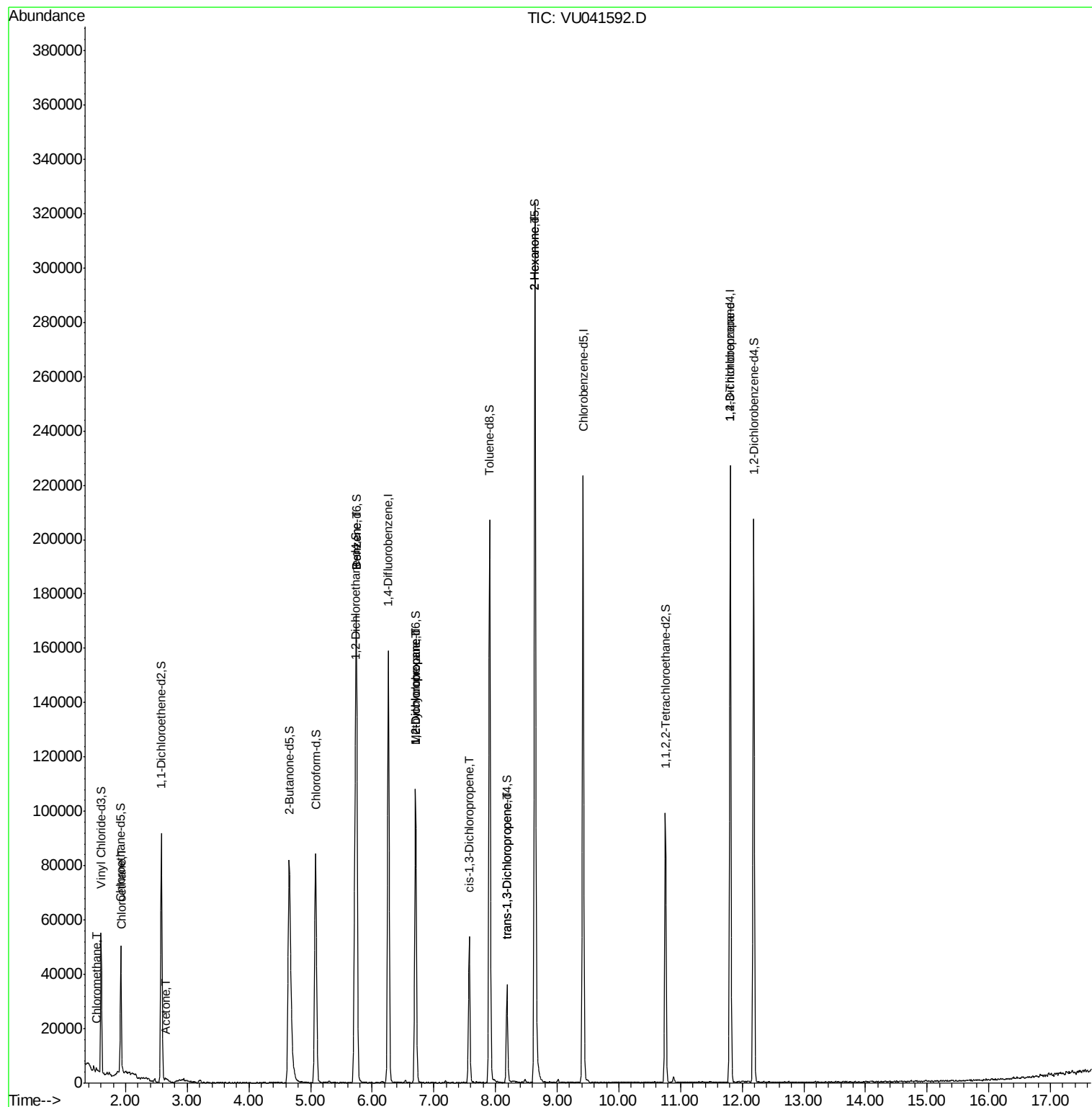
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	896	0.085	ug/L	92
8) Chloroethane	1.94	64	1500	0.189	ug/L #	60
13) Acetone	2.66	43	1998	1.091	ug/L	68
33) Benzene	5.74	78	1206	0.030	ug/L	100
35) Methylcyclohexane	6.70	83	12333	0.759	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5512	0.539	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1164	0.077	ug/L #	54
44) trans-1,3-Dichloropropene	8.19	75	1022	0.075	ug/L	92
48) 2-Hexanone	8.64	43	12667	2.391	ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	7599	0.989	ug/L	96

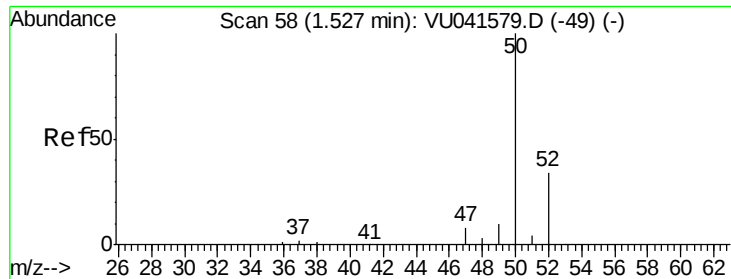
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121220\
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration

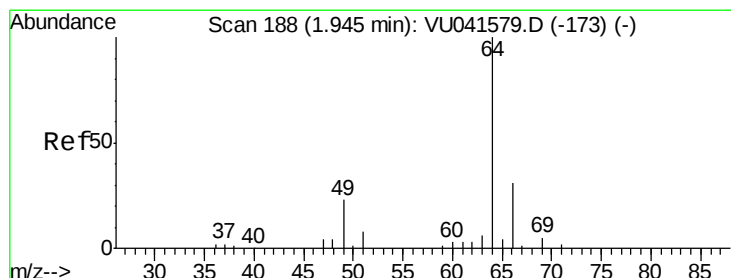
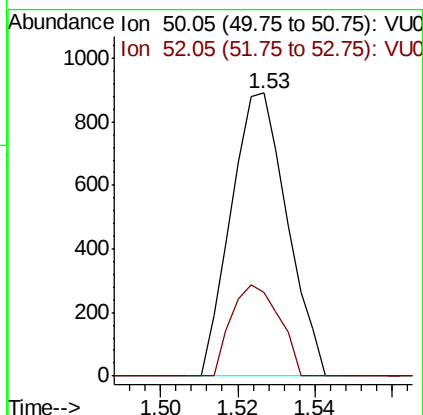
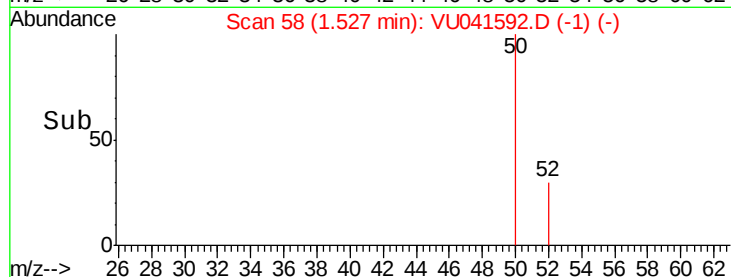
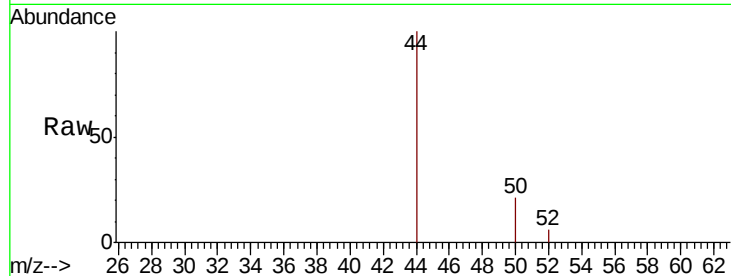




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

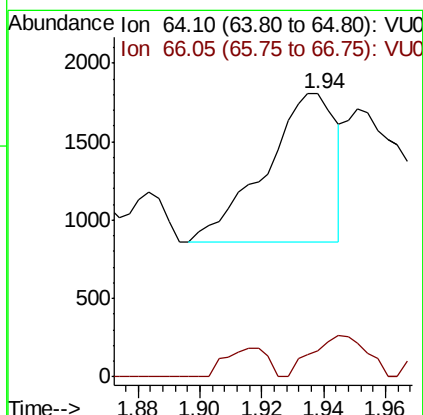
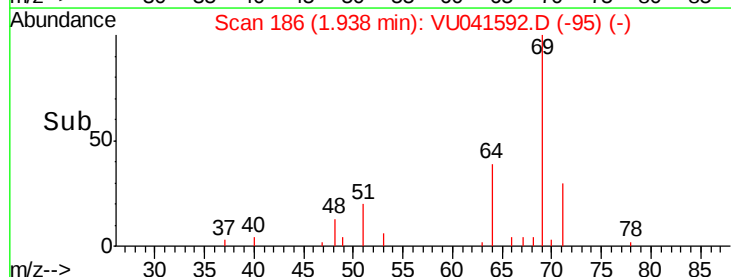
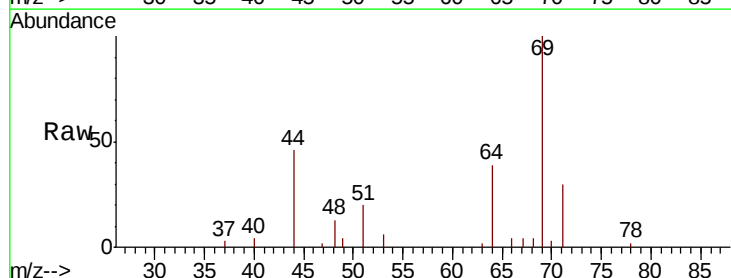
Instrument :
MSVOA_U
ClientSampleId :
C0B14

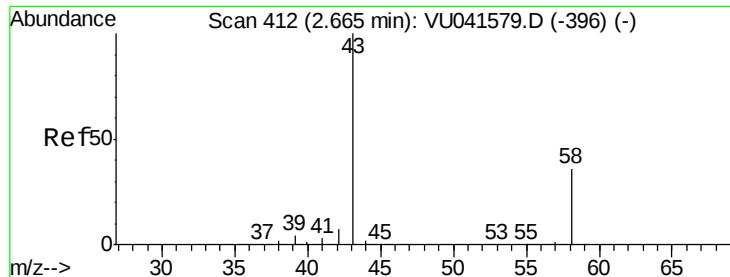
Tot Ion: 50 Resp: 896
Ion Ratio Lower Upper
50 100
52 29.6 24.1 44.8



#8
Chloroethane
Concen: 0.189 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Tgt Ion: 64 Resp: 1500
Ion Ratio Lower Upper
64 100
66 9.1 21.6 40.0#





#13

Acetone

Concen: 1.091 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041592.D

Acq: 13 Dec 2020 01:35

Instrument :

MSVOA_U

ClientSampleId :

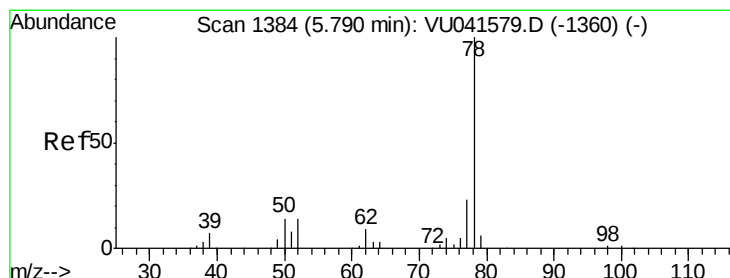
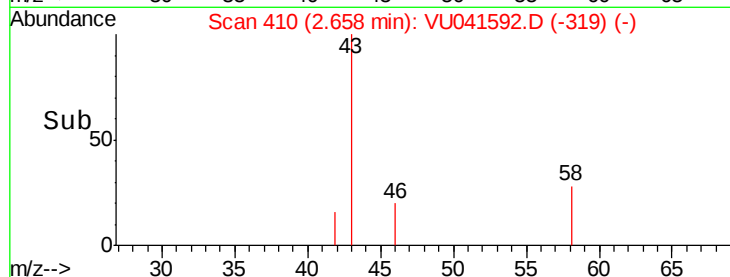
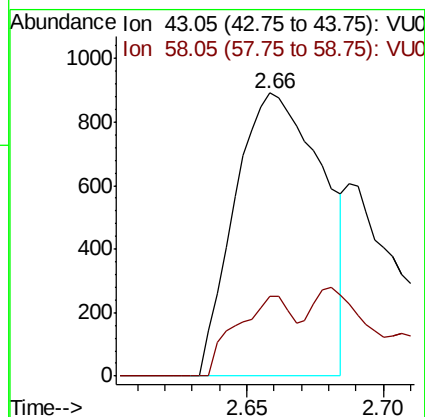
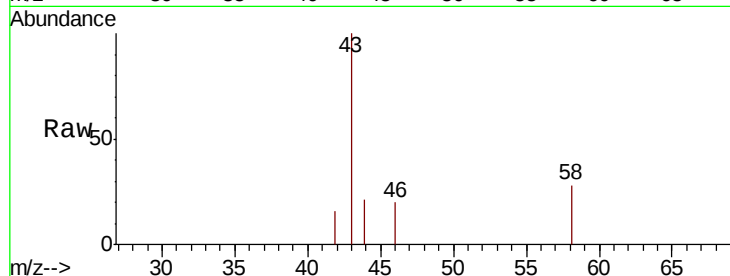
C0B14

Tot Ion: 43 Resp: 1998

Ion Ratio Lower Upper

43 100

58 17.9 0.0 73.2



#33

Benzene

Concen: 0.030 ug/L

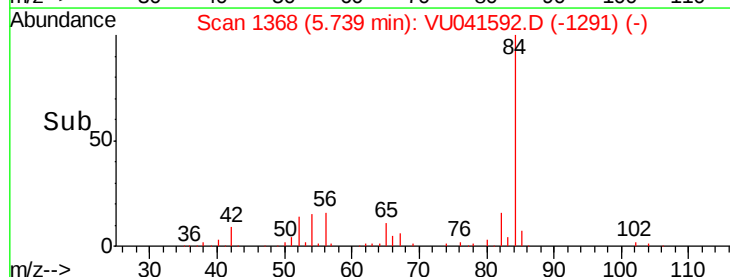
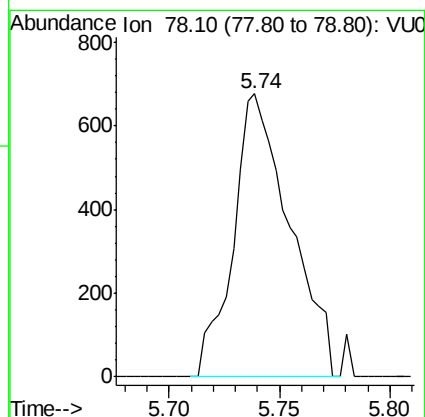
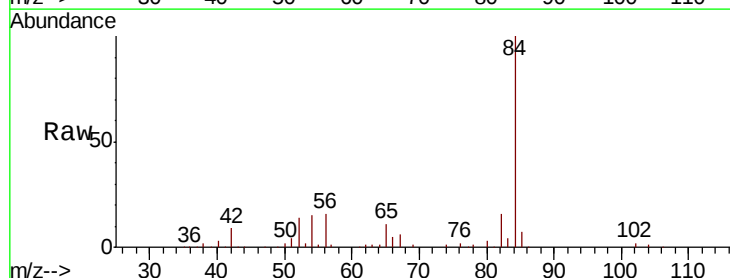
RT: 5.74 min Scan# 1368

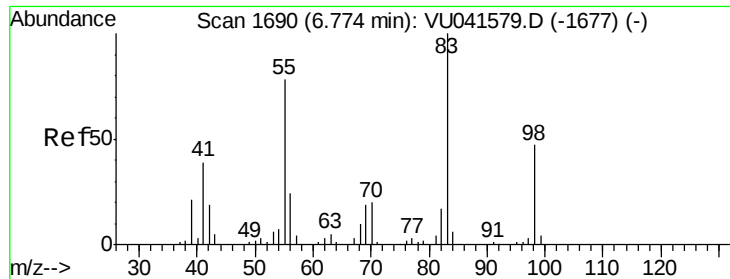
Delta R.T. -0.05 min

Lab File: VU041592.D

Acq: 13 Dec 2020 01:35

Tgt Ion: 78 Resp: 1206

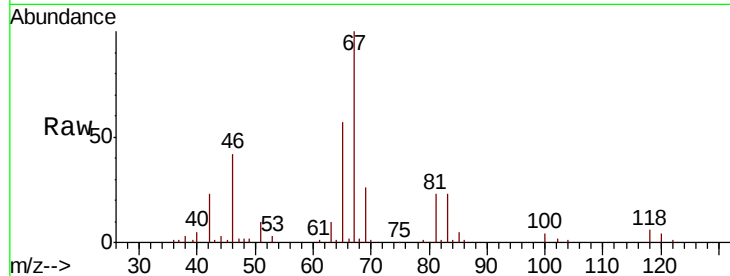




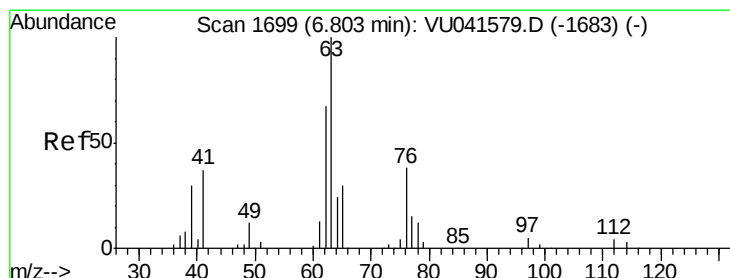
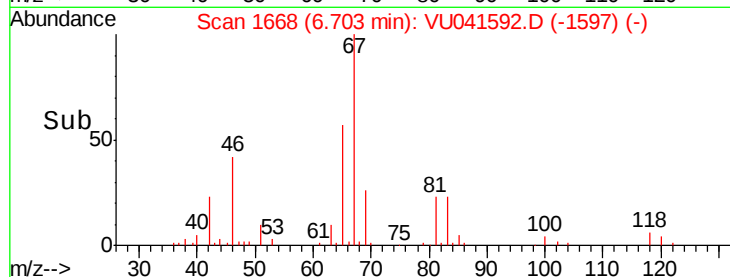
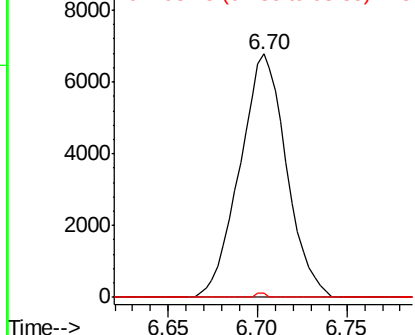
#35
Methvlcvclohexane
Concen: 0.759 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Instrument :
MSVOA_U
ClientSampleId :
C0B14

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.4	36.6	54.8#

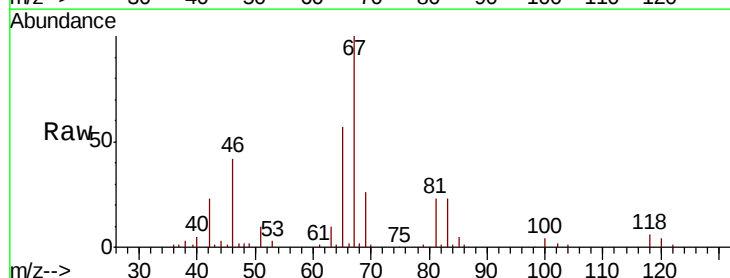


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

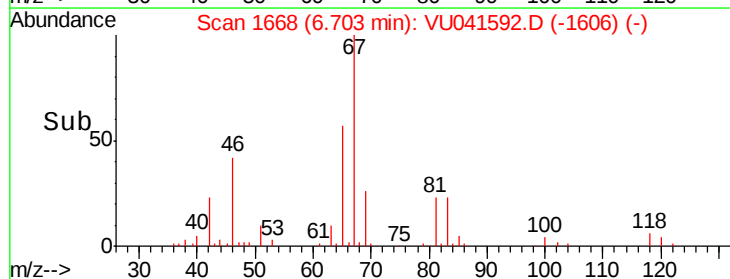
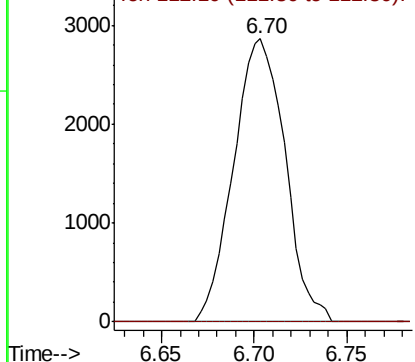


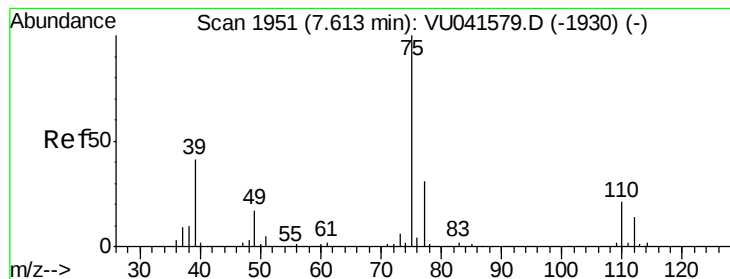
#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



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



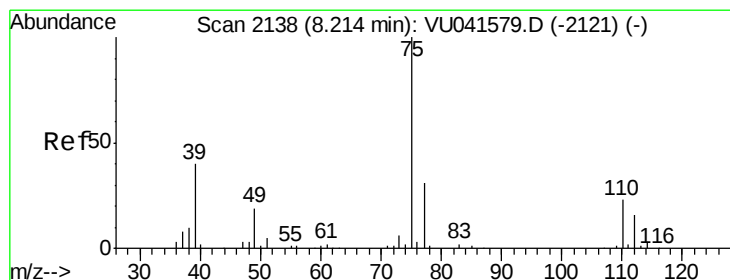
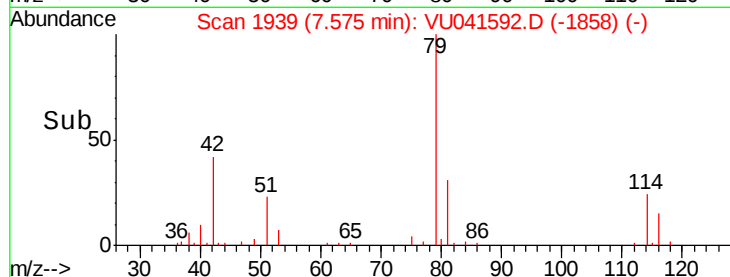
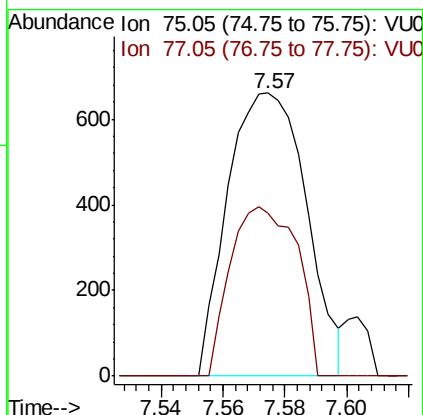
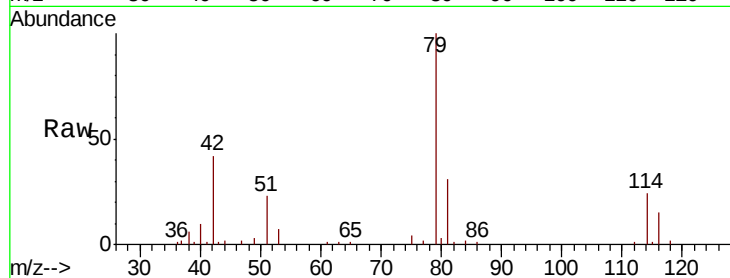


#39

cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Instrument :
MSVOA_U
ClientSampleId :
C0B14

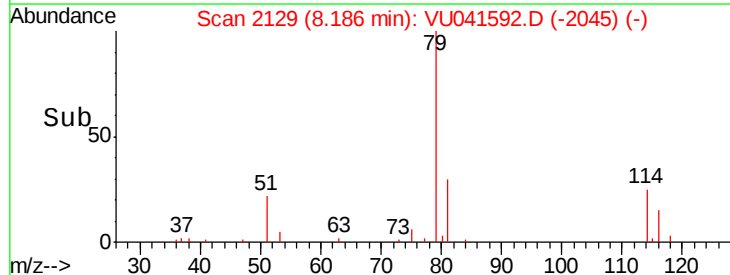
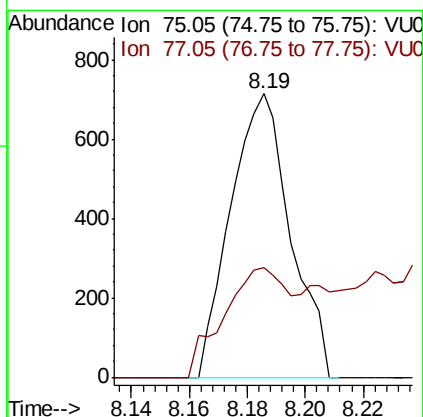
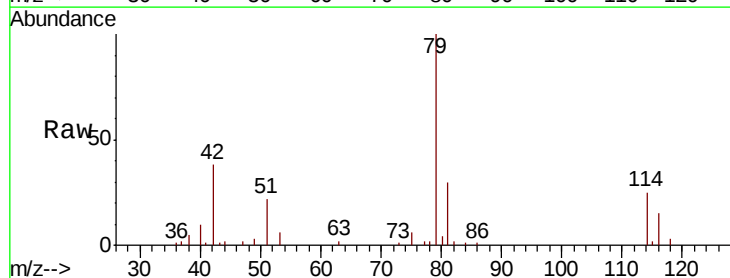
Tot Ion: 75 Resp: 1164
Ion Ratio Lower Upper
75 100
77 57.6 22.3 41.3#

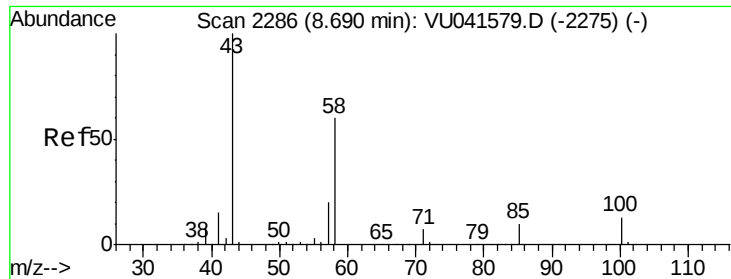


#44

trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Tgt Ion: 75 Resp: 1022
Ion Ratio Lower Upper
75 100
77 38.7 23.8 44.2

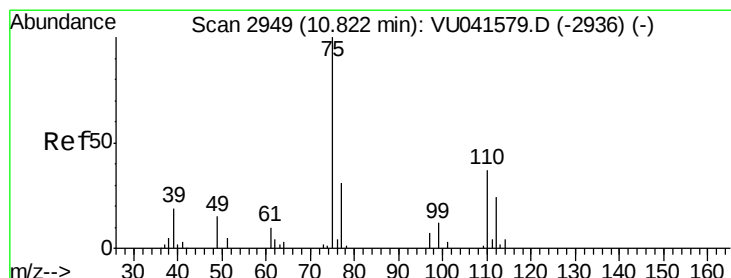
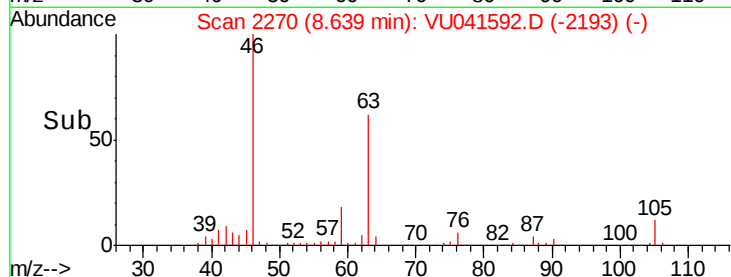
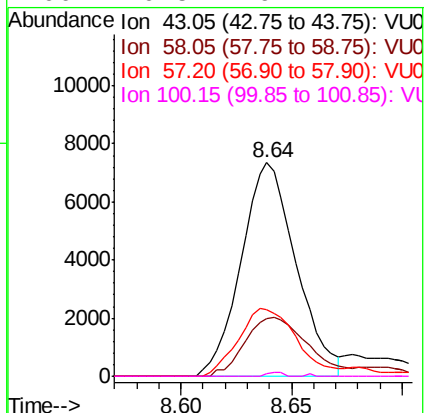
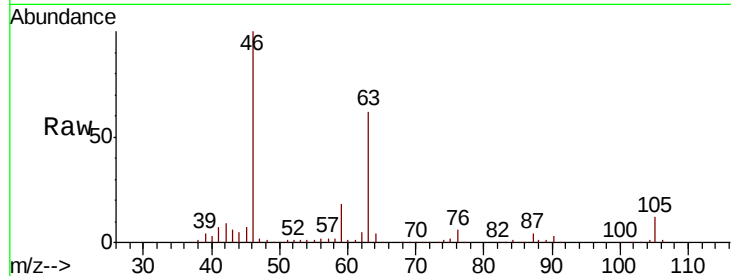




#48
2-Hexanone
Concen: 2.391 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Instrument :
MSVOA_U
ClientSampleId :
C0B14

Tot Ion: 43 Resp: 12667
Ion Ratio Lower Upper
43 100
58 31.7 47.9 71.9#
57 33.6 16.5 24.7#
100 0.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.989 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041592.D
Acq: 13 Dec 2020 01:35

Tgt Ion: 75 Resp: 7599
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2

