

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041597.D
 Acq On : 13 Dec 2020 03:31
 Operator : SY/MD
 Sample : L5060-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B33

Quant Time: Dec 13 11:31:34 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	131752	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31861	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.92	69	31796	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.58	63	51797	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.66	46	149940	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	5.08	84	78638	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	45882	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.74	84	159972	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.70	67	53064	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	137160	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	20512	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.64	63	118937	41.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48925	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	54276	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

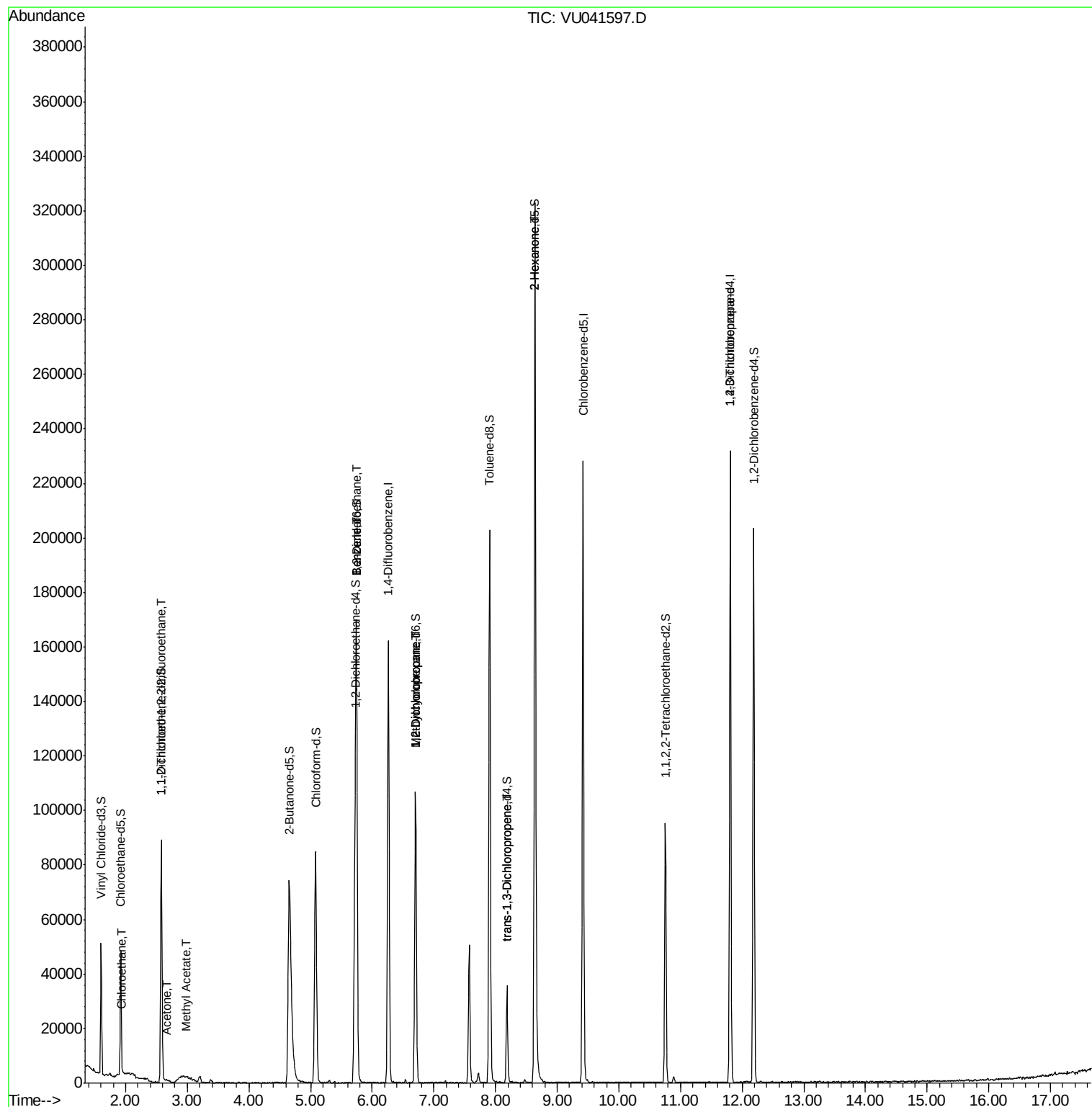
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	590	0.073	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	489	0.054	ug/L #	22
13) Acetone	2.66	43	1224	0.650	ug/L	65
15) Methyl Acetate	2.98	43	748	0.153	ug/L #	51
27) 1,2-Dichloroethane	5.74	62	626	0.053	ug/L #	73
33) Benzene	5.74	78	1041	0.025	ug/L	100
35) Methylcyclohexane	6.70	83	11585	0.691	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5491	0.520	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	886	0.063	ug/L	100
48) 2-Hexanone	8.64	43	13727	2.510	ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	7458	0.940	ug/L	100

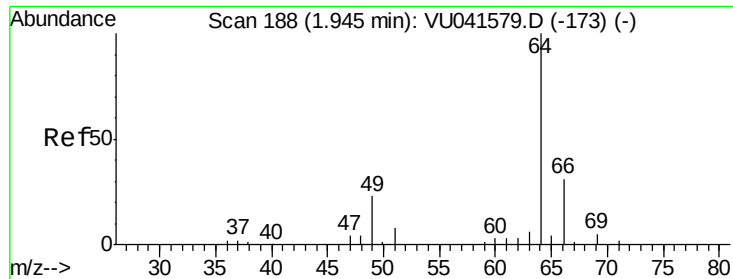
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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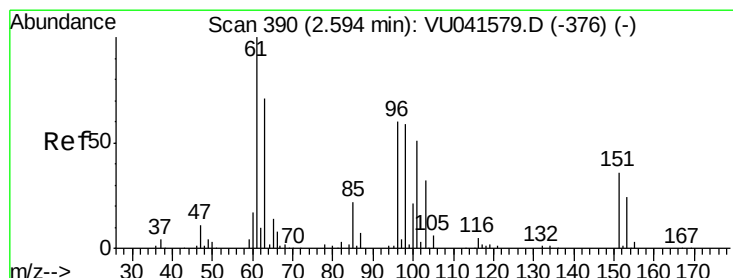
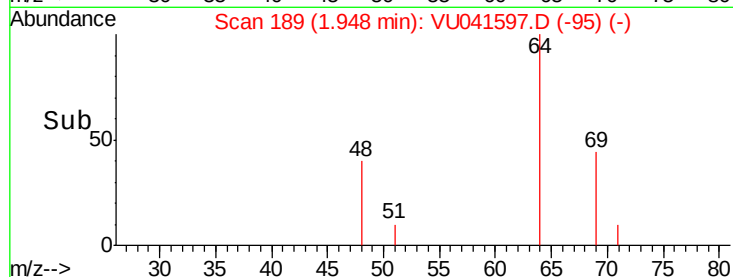
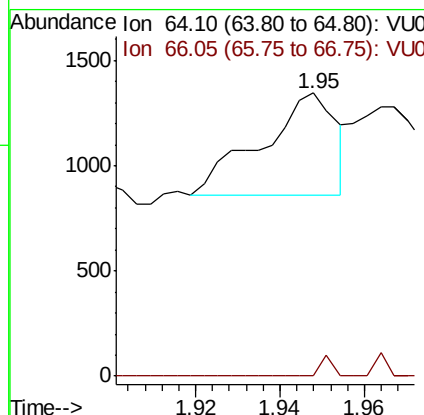
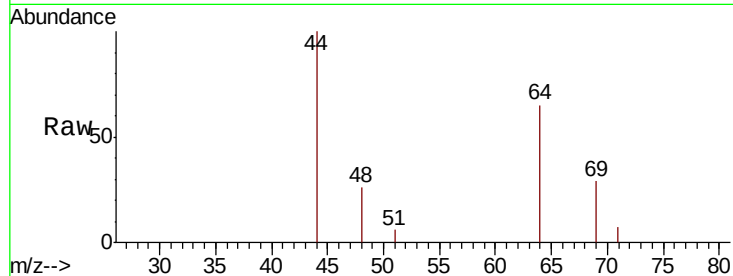




#8
 Chloroethane
 Concen: 0.073 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU041597.D
 Acq: 13 Dec 2020 03:31

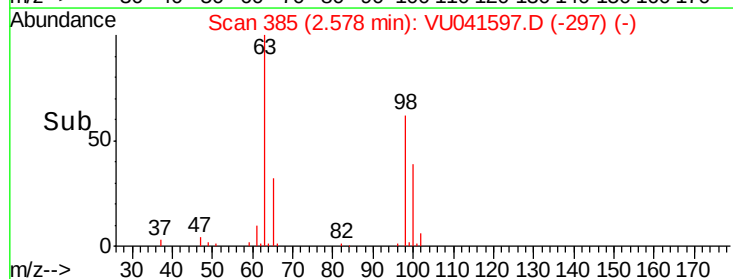
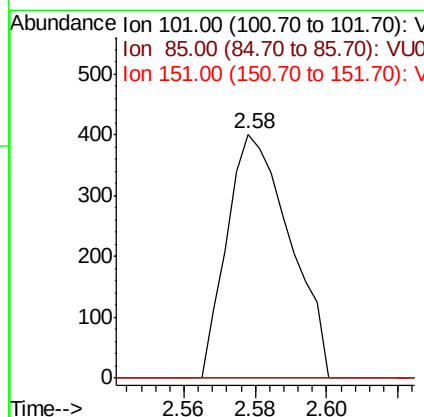
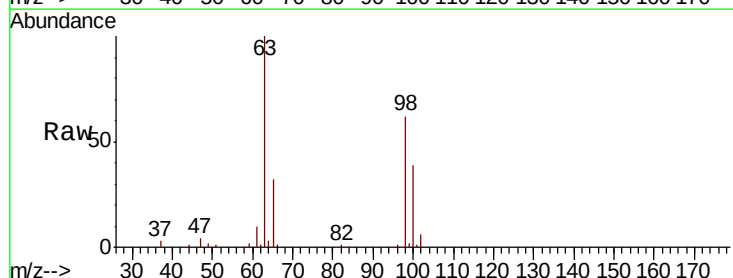
Instrument :
 MSVOA_U
 ClientSampled :
 C0B33

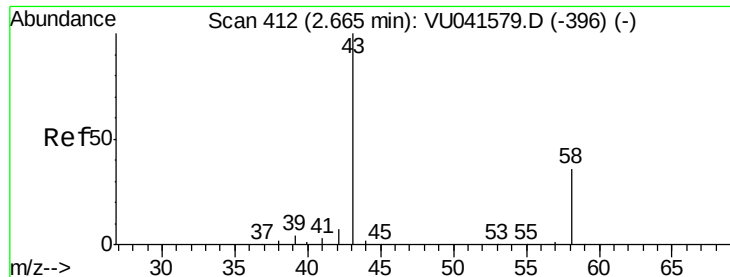
Tot Ion: 64 Resp: 590
 Ion Ratio Lower Upper
 64 100
 66 0.0 21.6 40.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU041597.D
 Acq: 13 Dec 2020 03:31

Tgt Ion: 101 Resp: 489
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 56.2 84.4#





#13

Acetone

Concen: 0.650 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU041597.D

Acq: 13 Dec 2020 03:31

Instrument :

MSVOA_U

ClientSampleId :

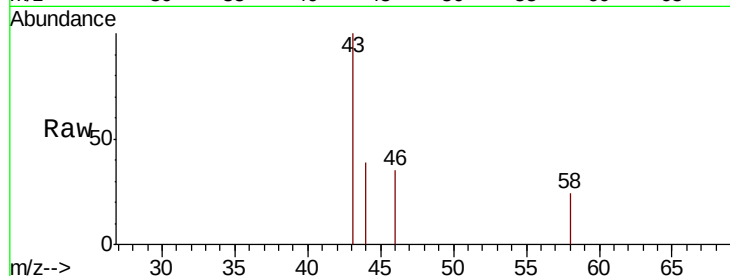
C0B33

Tot Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

58 16.0 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041597.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU041597.D (-396) (-)

800

600

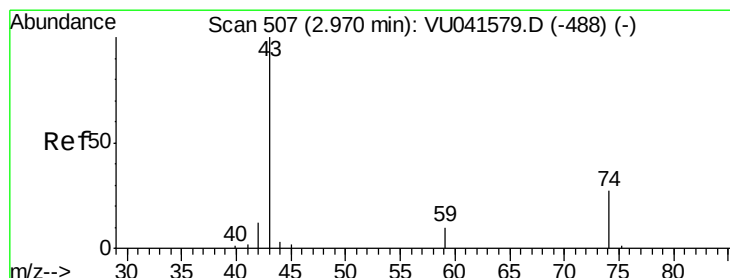
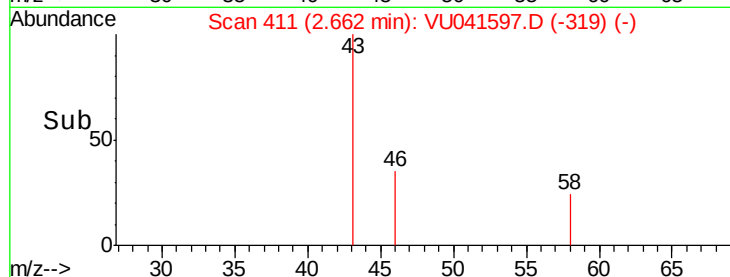
400

200

0

Time-->

2.62 2.64 2.66 2.68



#15

Methyl Acetate

Concen: 0.153 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.01 min

Lab File: VU041597.D

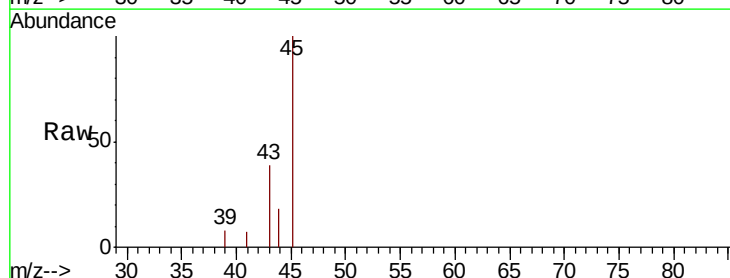
Acq: 13 Dec 2020 03:31

Tgt Ion: 43 Resp: 748

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU041597.D (-488) (-)

Ion 74.05 (73.75 to 74.75): VU041597.D (-488) (-)

600

500

400

300

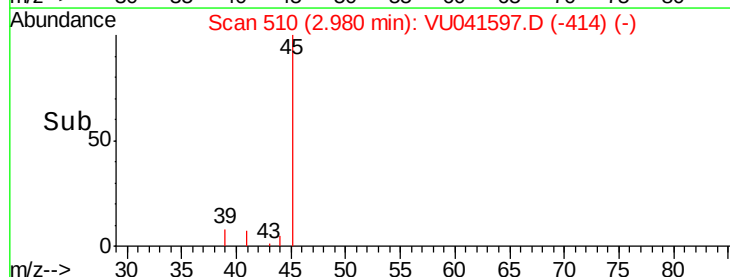
200

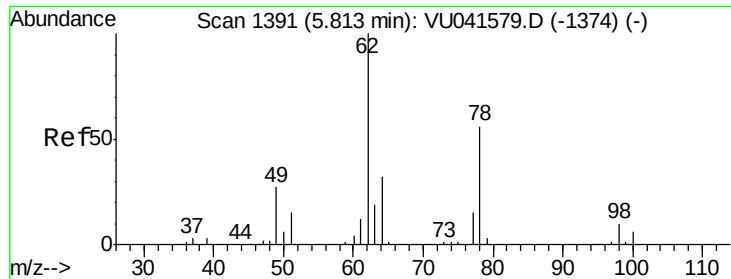
100

0

Time-->

2.95 3.00

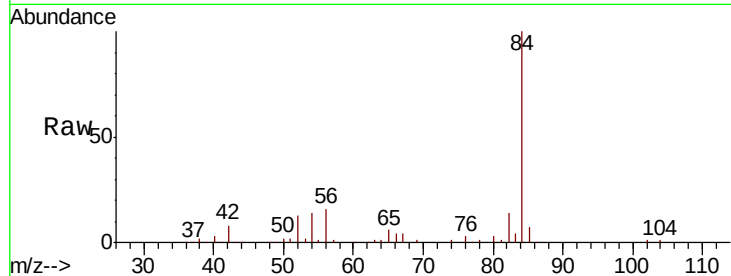




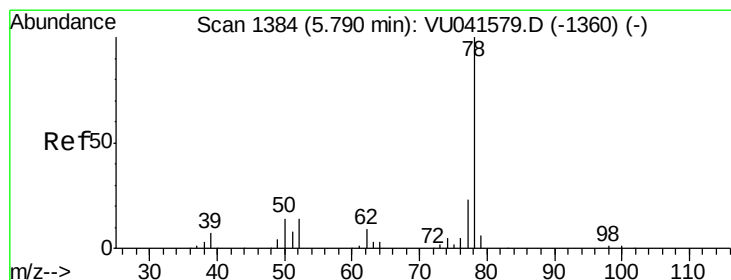
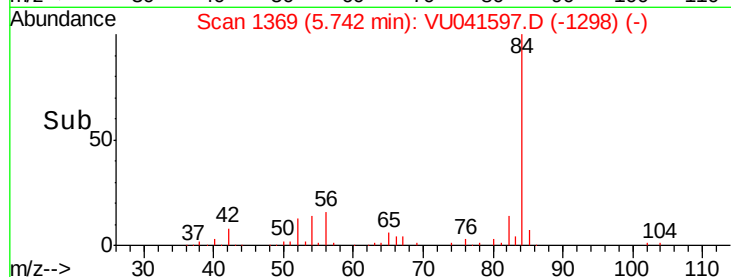
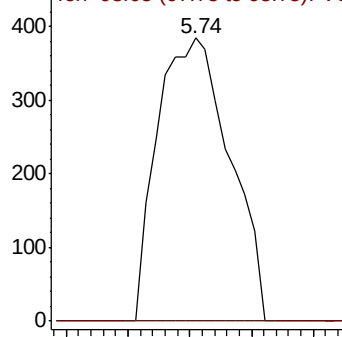
#27
 1,2-Dichloroethane
 Concen: 0.053 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041597.D
 Acq: 13 Dec 2020 03:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B33

Tot Ion: 62 Resp: 626
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#

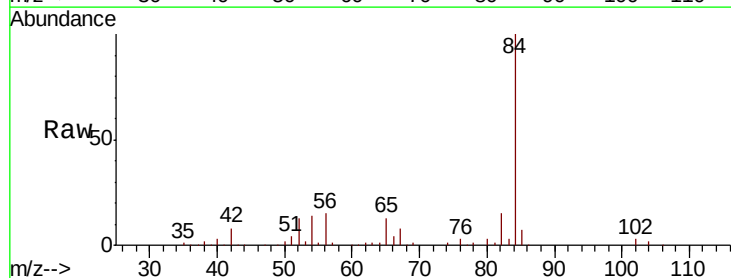


Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

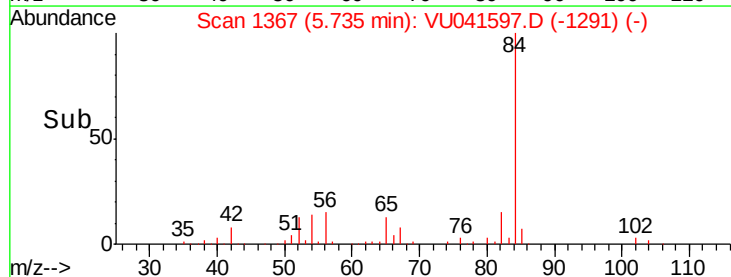
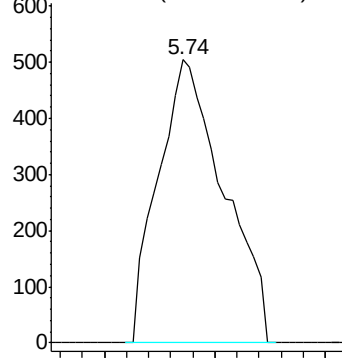


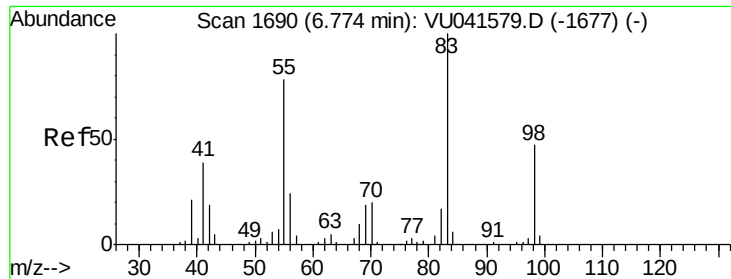
#33
 Benzene
 Concen: 0.025 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.05 min
 Lab File: VU041597.D
 Acq: 13 Dec 2020 03:31

Tgt Ion: 78 Resp: 1041



Abundance Ion 78.10 (77.80 to 78.80): VU0

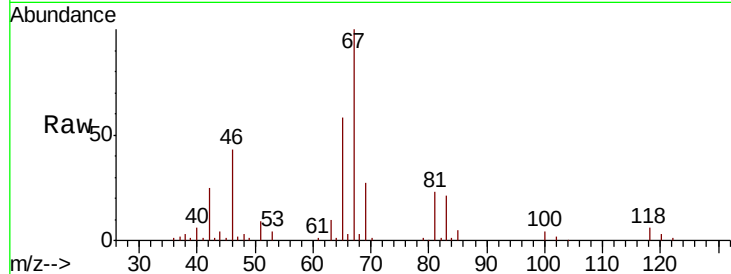




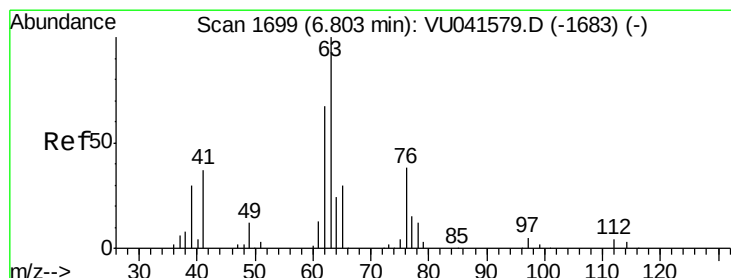
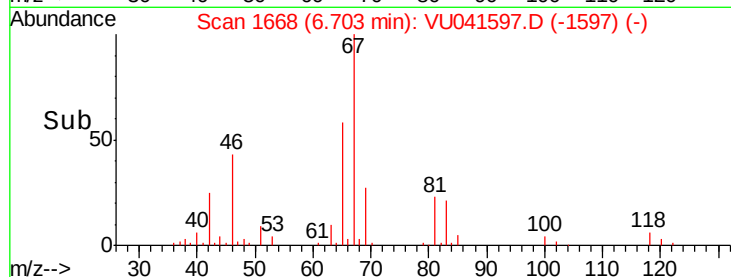
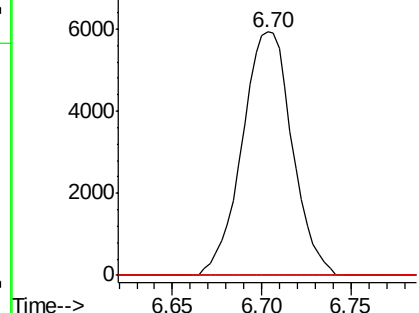
#35
Methylvlcyclohexane
Concen: 0.691 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041597.D
Acq: 13 Dec 2020 03:31

Instrument :
MSVOA_U
ClientSampleId :
C0B33

Tot Ion	83	Resp	11585
Ion Ratio	100		
Lower		61.2	91.8#
Upper		36.6	54.8#

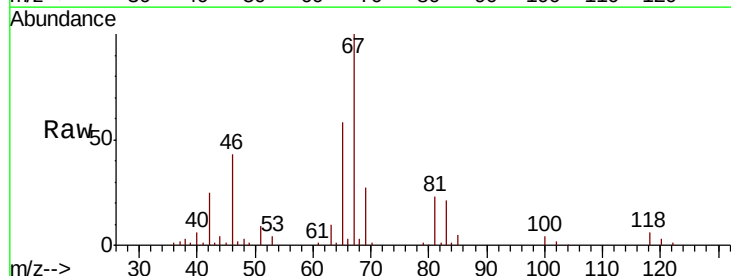


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

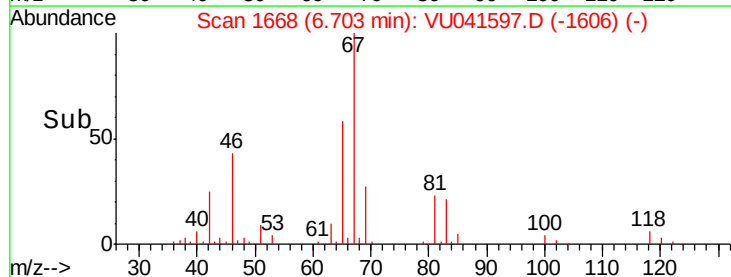
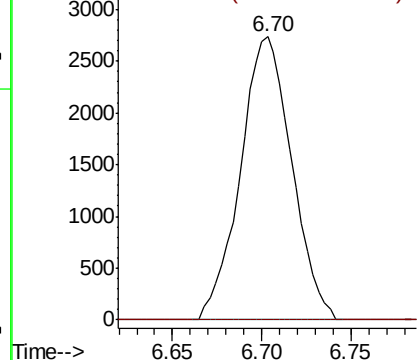


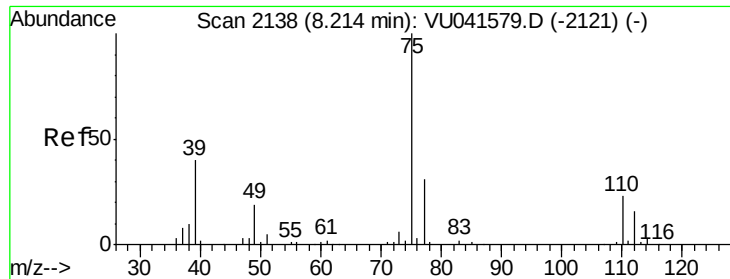
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041597.D
Acq: 13 Dec 2020 03:31

Tgt Ion	63	Resp	5491
Ion Ratio	100		
Lower		3.1	4.7#
Upper			



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

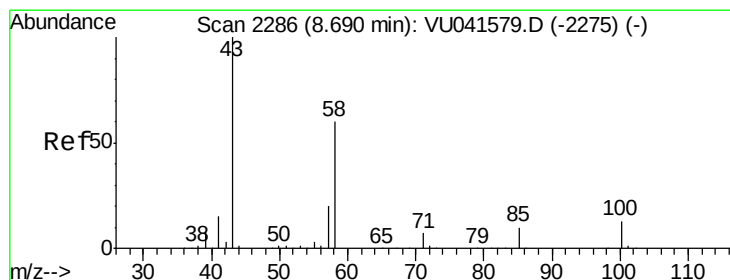
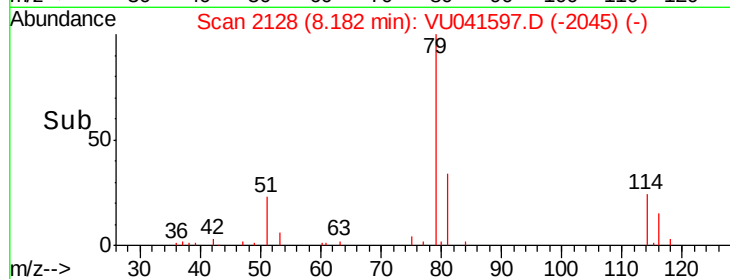
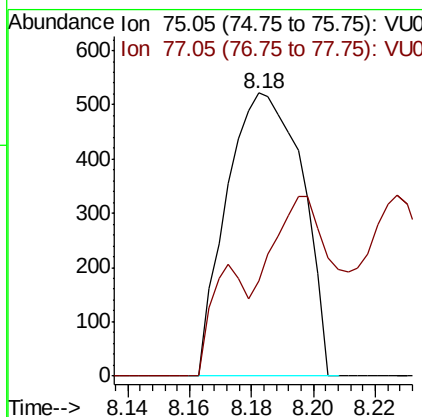
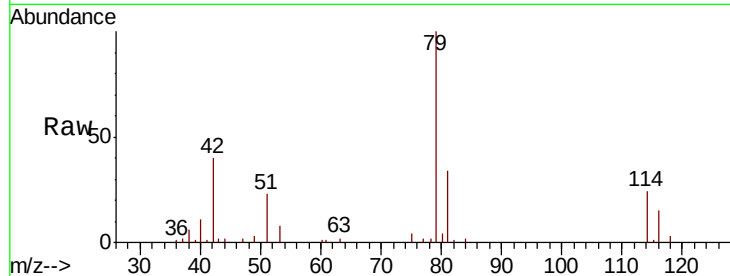




#44
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041597.D
Acq: 13 Dec 2020 03:31

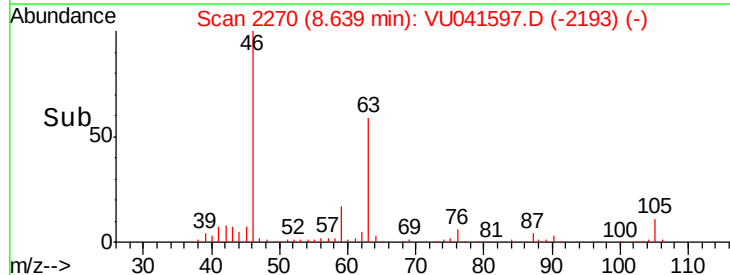
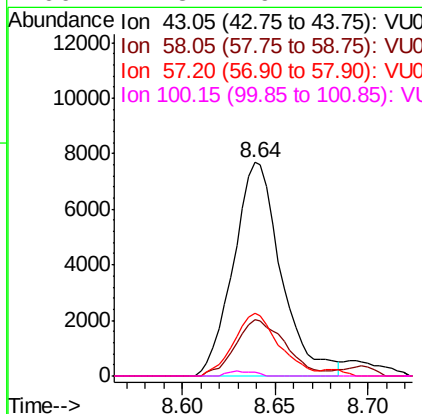
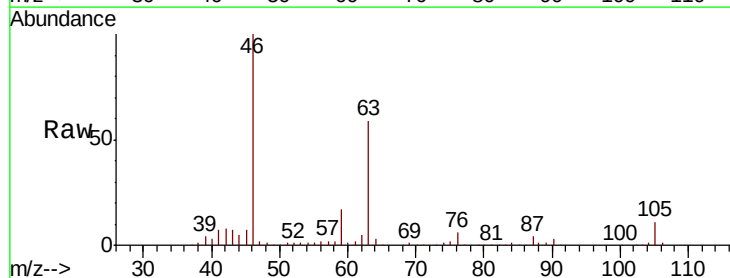
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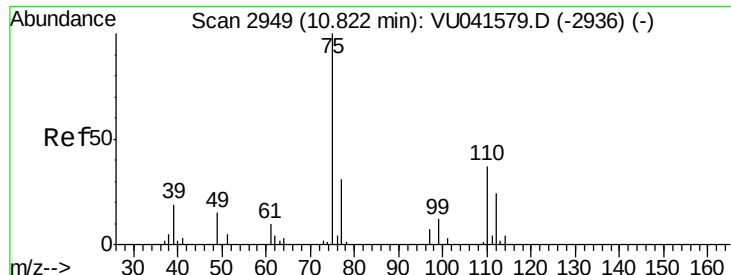
Tot Ion: 75 Resp: 886
Ion Ratio Lower Upper
75 100
77 33.7 23.8 44.2



#48
2-Hexanone
Concen: 2.510 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041597.D
Acq: 13 Dec 2020 03:31

Tgt Ion: 43 Resp: 13727
Ion Ratio Lower Upper
43 100
58 28.1 47.9 71.9#
57 28.1 16.5 24.7#
100 1.3 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.940 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041597.D

Acq: 13 Dec 2020 03:31

Instrument :

MSVOA_U

ClientSampleId :

C0B33

Tot Ion: 75 Resp: 7458

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

