

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041638.D
 Acq On : 15 Dec 2020 15:54
 Operator : SY/MD
 Sample : L5063-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

Quant Time: Dec 16 02:47:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 02:41:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29271	2.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.80%
7) Chloroethane-d5	1.92	69	30465	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.58	63	49903	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.67	46	142798	46.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	5.08	84	72041	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.72	65	46219	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	148839	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.70	67	48944	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.91	98	121597	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	8.19	79	19764	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	111502	39.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46539	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	48753	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

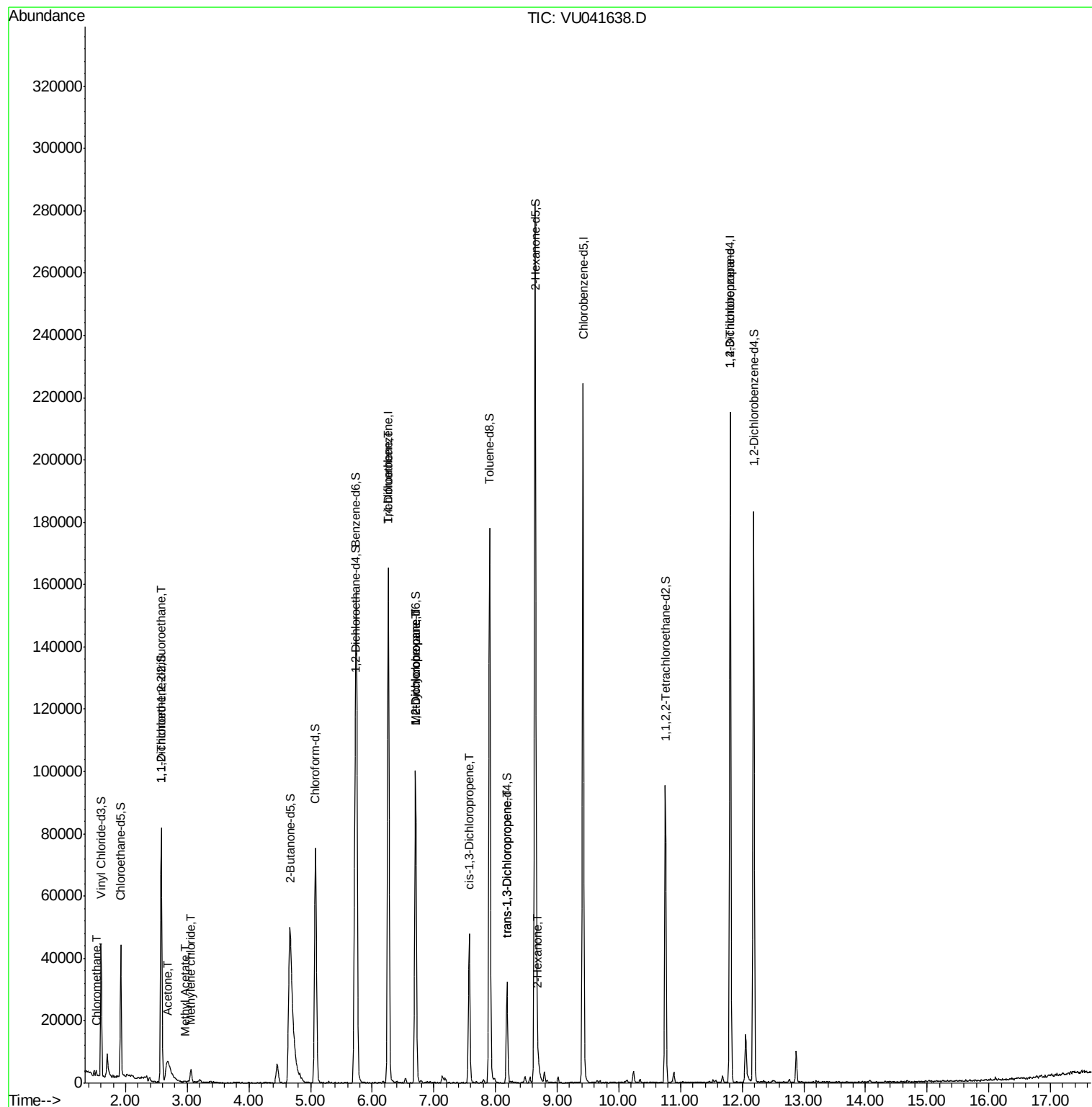
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	1199	0.107	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	510	0.054	ug/L #	22
13) Acetone	2.68	43	25626	13.141	ug/L	55
15) Methyl Acetate	2.97	43	522	0.103	ug/L #	51
16) Methylene chloride	3.06	84	1917	0.173	ug/L #	78
34) Trichloroethene	6.26	95	2184	0.212	ug/L #	7
35) Methylcyclohexane	6.70	83	11104	0.666	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	4916	0.468	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1057	0.068	ug/L #	59
44) trans-1,3-Dichloropropene	8.18	75	805	0.058	ug/L #	64
48) 2-Hexanone	8.69	43	2645	0.486	ug/L #	87
59) 1,2,3-Trichloropropane	11.81	75	6251	0.793	ug/L	99

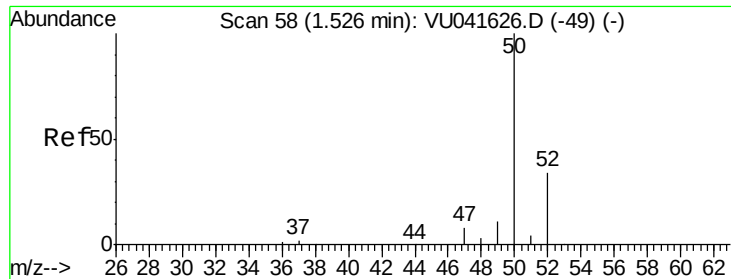
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration

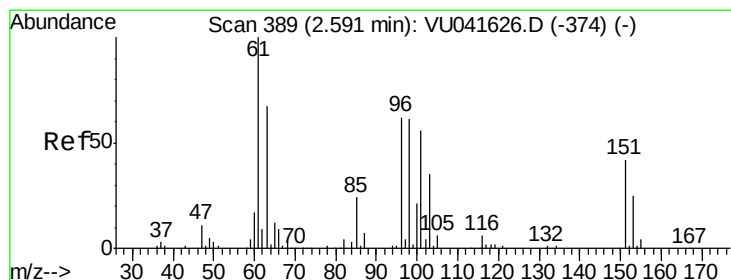
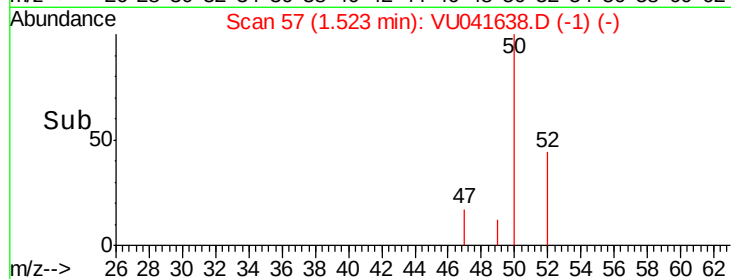
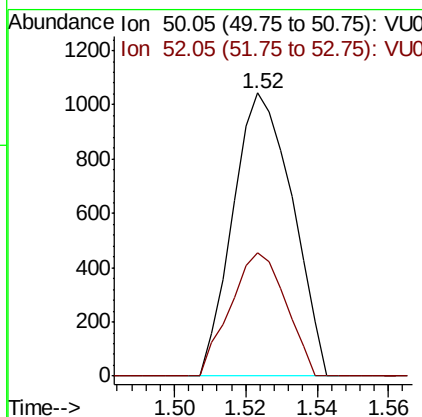
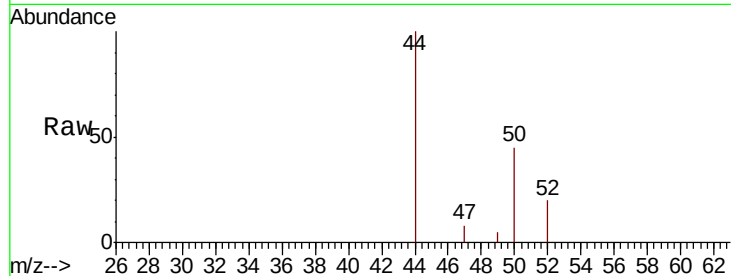




#3
 Chloromethane
 Concen: 0.107 ug/L
 RT: 1.52 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: VU041638.D
 Acq: 15 Dec 2020 15:54

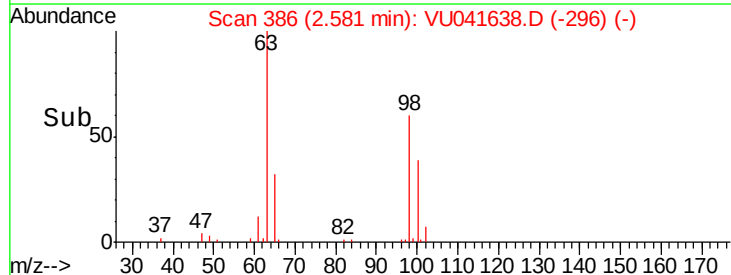
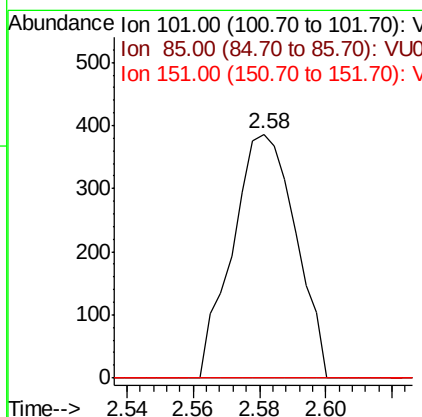
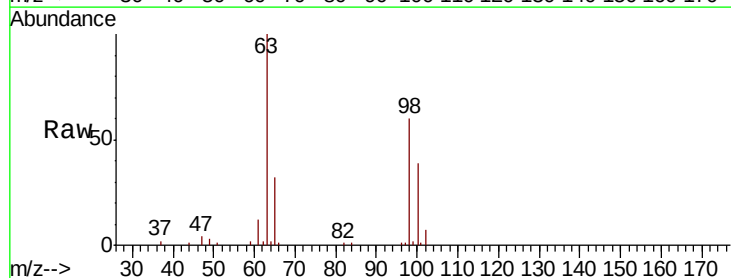
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

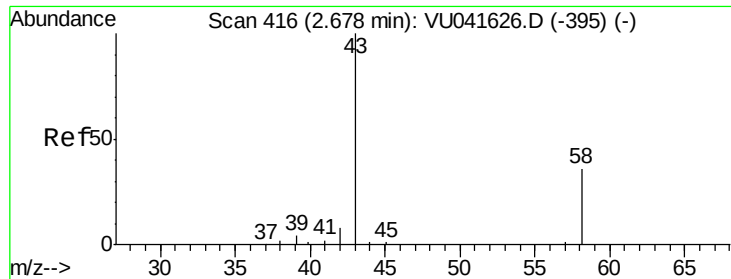
Tot Ion: 50 Resp: 1199
 Ion Ratio Lower Upper
 50 100
 52 43.6 24.1 44.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041638.D
 Acq: 15 Dec 2020 15:54

Tgt Ion:101 Resp: 510
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 56.2 84.4#





#13

Acetone

Concen: 13.141 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU041638.D

Acq: 15 Dec 2020 15:54

Instrument :

MSVOA_U

ClientSampleId :

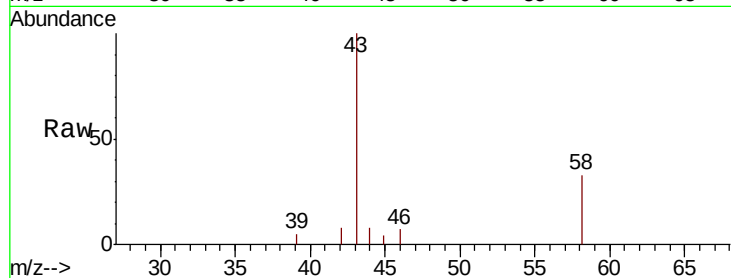
C0AE2

Tot Ion: 43 Resp: 25626

Ion Ratio Lower Upper

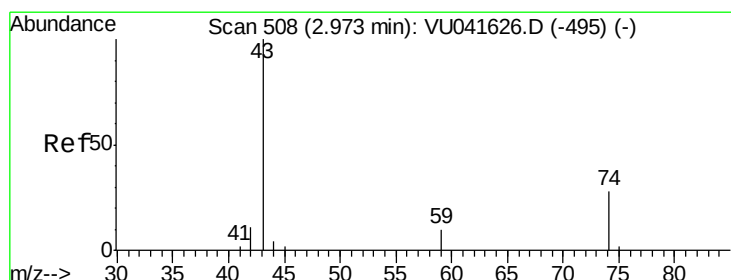
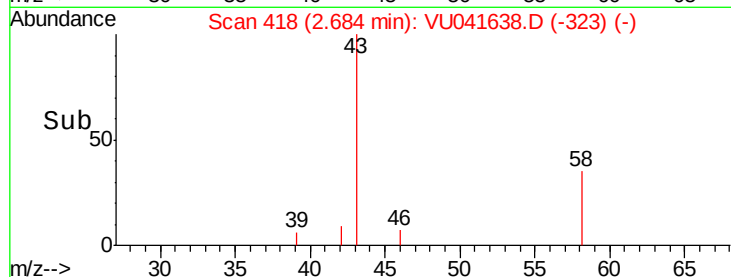
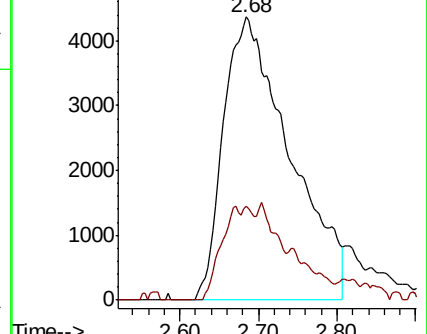
43 100

58 9.9 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041638.D (-416) (-)

Ion 58.05 (57.75 to 58.75): VU041638.D (-416) (-)



#15

Methyl Acetate

Concen: 0.103 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.01 min

Lab File: VU041638.D

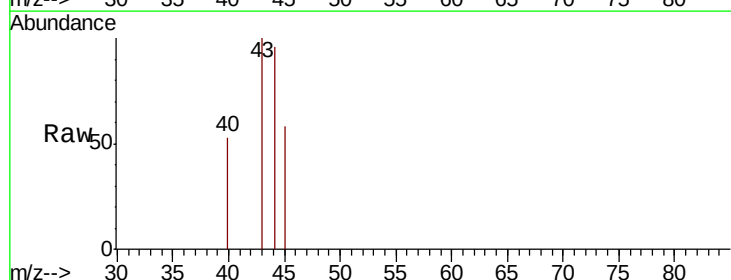
Acq: 15 Dec 2020 15:54

Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

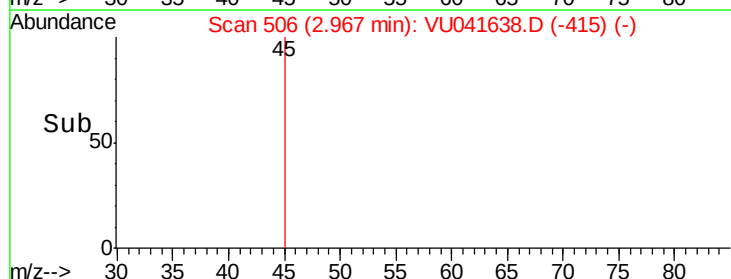
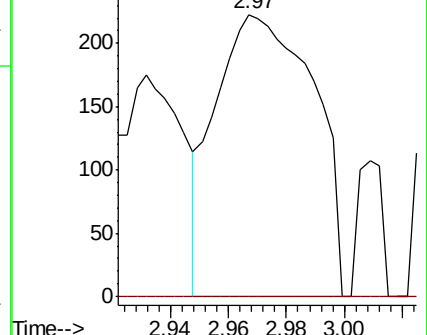
43 100

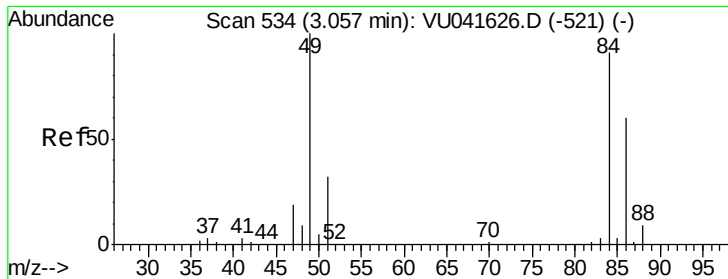
74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU041638.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VU041638.D (-416) (-)

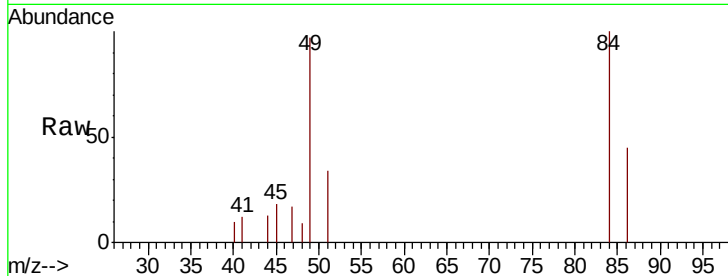




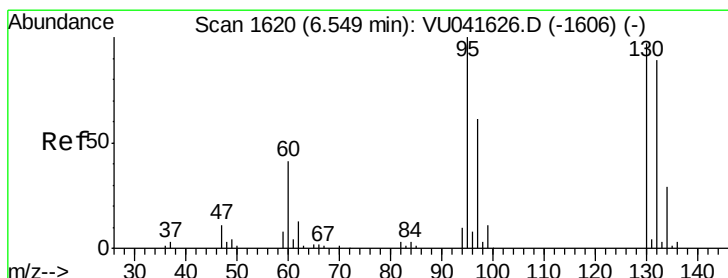
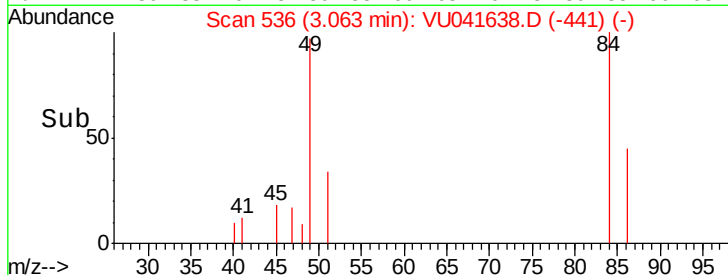
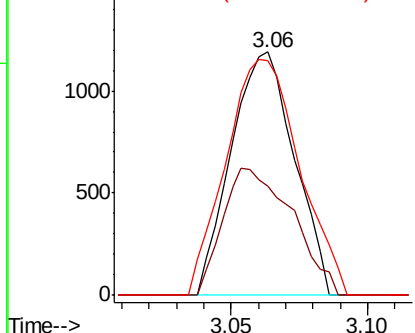
#16
Methvlene chloride
Concen: 0.173 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Instrument :
MSVOA_U
ClientSampleId :
C0AE2

Tot Ion: 84 Resp: 1917
Ion Ratio Lower Upper
84 100
86 44.8 45.1 83.7#
49 96.6 83.1 154.3

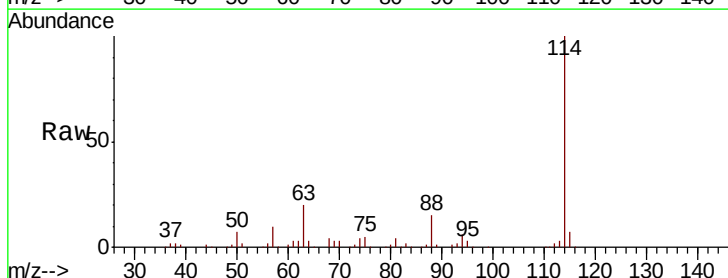


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

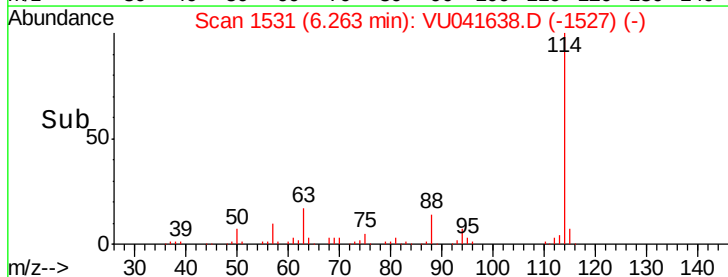
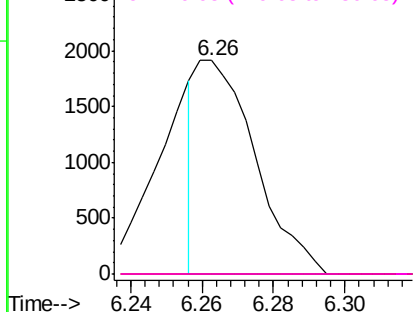


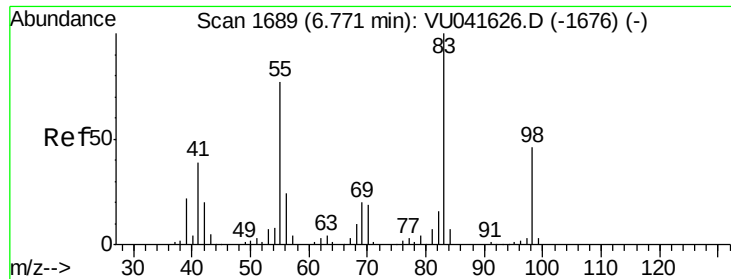
#34
Trichloroethene
Concen: 0.212 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Tgt Ion: 95 Resp: 2184
Ion Ratio Lower Upper
95 100
97 0.0 43.9 81.5#
132 0.0 63.1 117.3#
130 0.0 67.4 125.2#



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

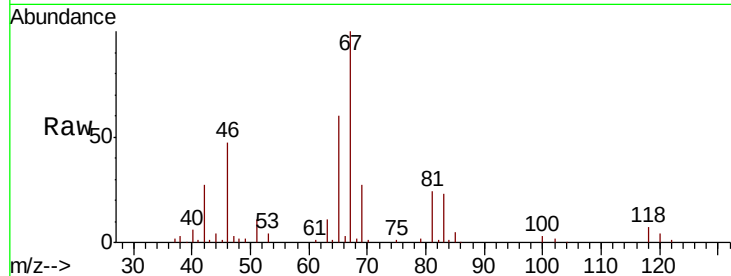




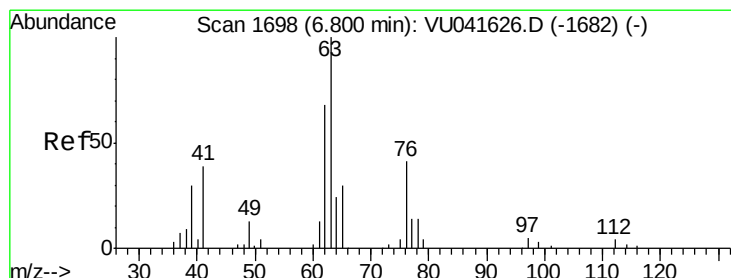
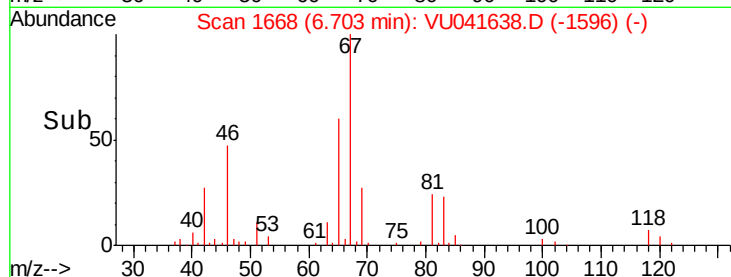
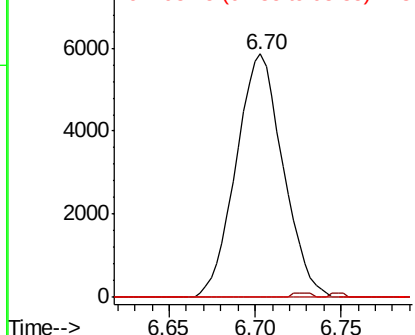
#35
Methylvlcyclohexane
Concen: 0.666 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Instrument :
MSVOA_U
ClientSampleId :
C0AE2

Tot Ion: 83 Resp: 11104
Ion Ratio Lower Upper
83 100
55 0.7 61.2 91.8#
98 2.3 36.6 54.8#

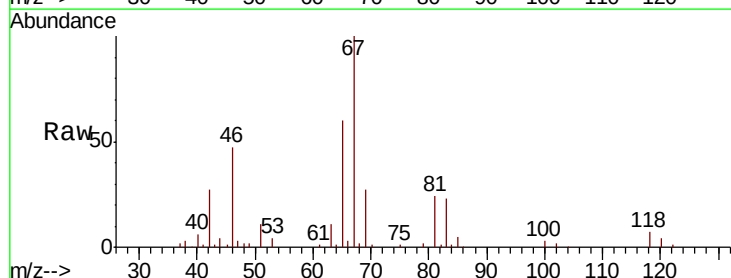


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

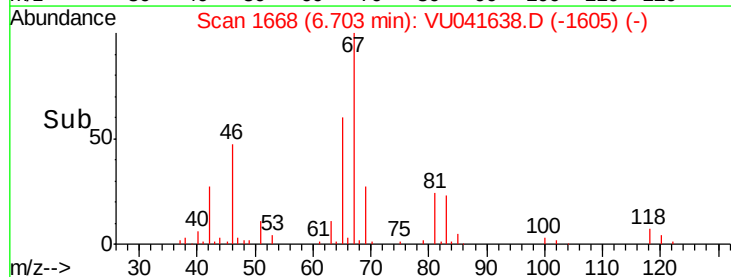
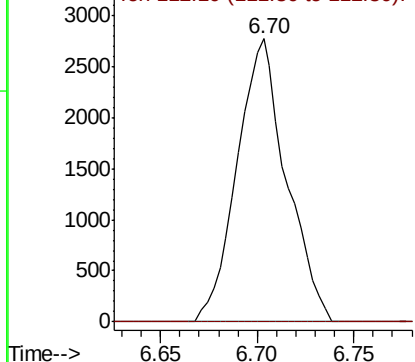


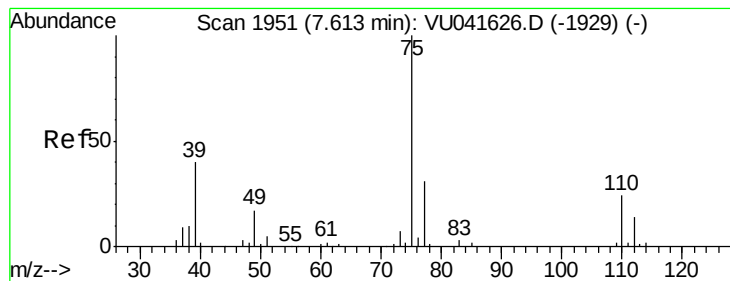
#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Tgt Ion: 63 Resp: 4916
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



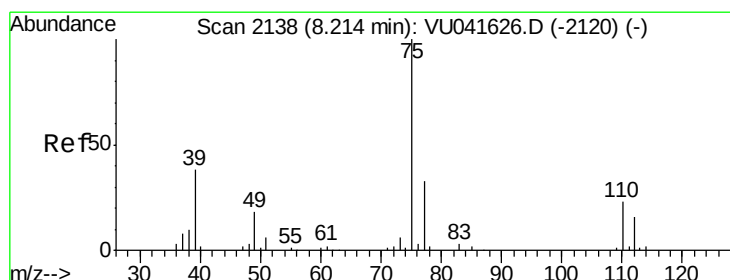
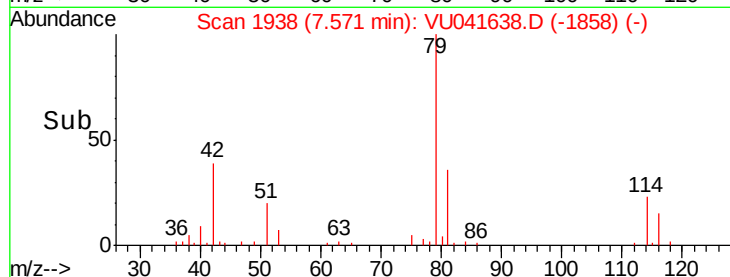
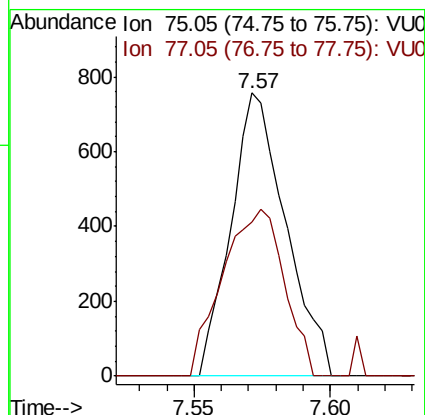
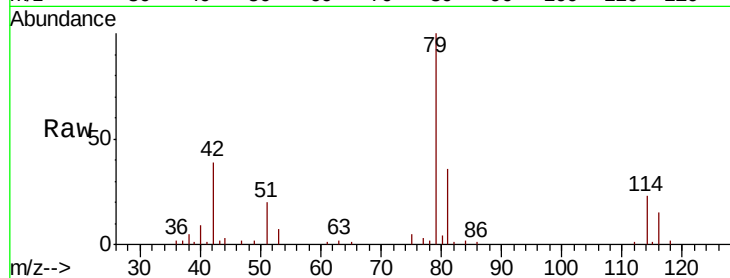


#39

cis-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

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C0AE2

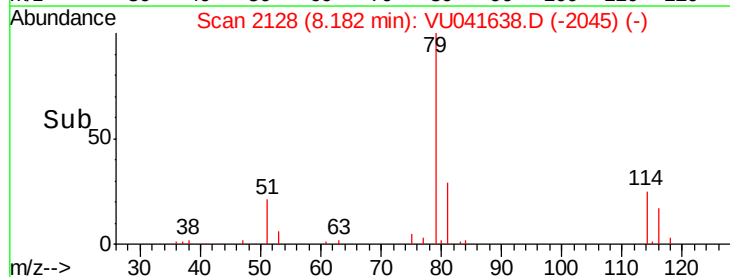
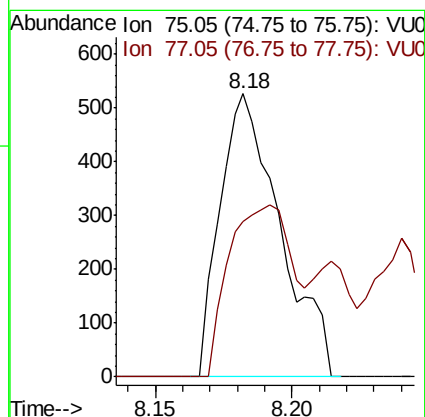
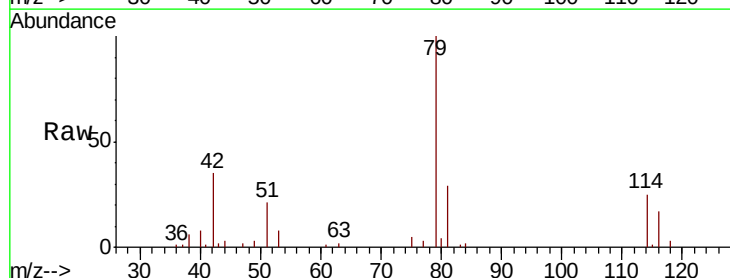
Tot Ion: 75 Resp: 1057
Ion Ratio Lower Upper
75 100
77 54.4 22.3 41.3#

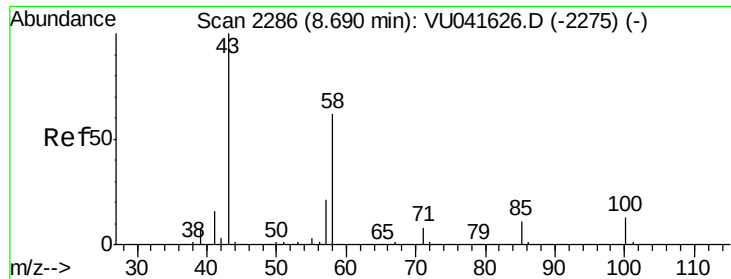


#44

trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 54.8 23.8 44.2#

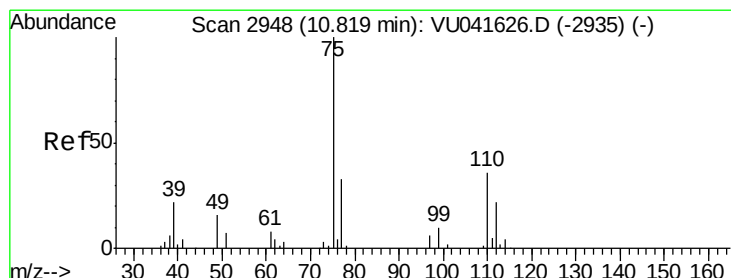
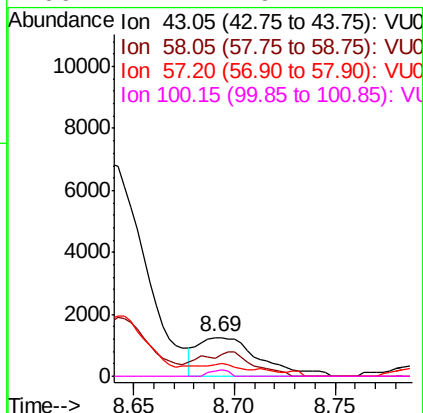
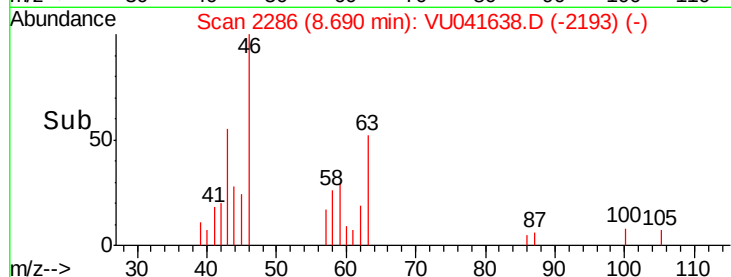
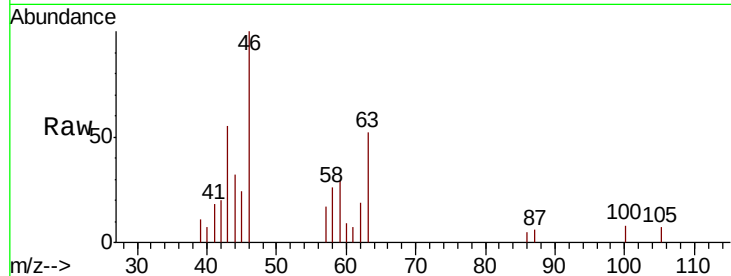




#48
2-Hexanone
Concen: 0.486 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Instrument :
MSVOA_U
ClientSampled :
C0AE2

Tot Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
58 55.2 47.9 71.9
57 6.7 16.5 24.7#
100 4.7 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.793 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041638.D
Acq: 15 Dec 2020 15:54

Tgt Ion: 75 Resp: 6251
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2

