

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041174.D
 Acq On : 10 Nov 2020 13:37
 Operator : SY/MD
 Sample : L4673-11DL 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T1DL

Quant Time: Nov 11 00:52:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54211	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13792	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.92	69	13514	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.58	63	23472	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.65	46	77096	51.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.08	84	38027	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	24738	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	64370	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.70	67	23141	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.91	98	52237	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.19	79	8647	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.64	63	54701	46.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21415	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22532	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

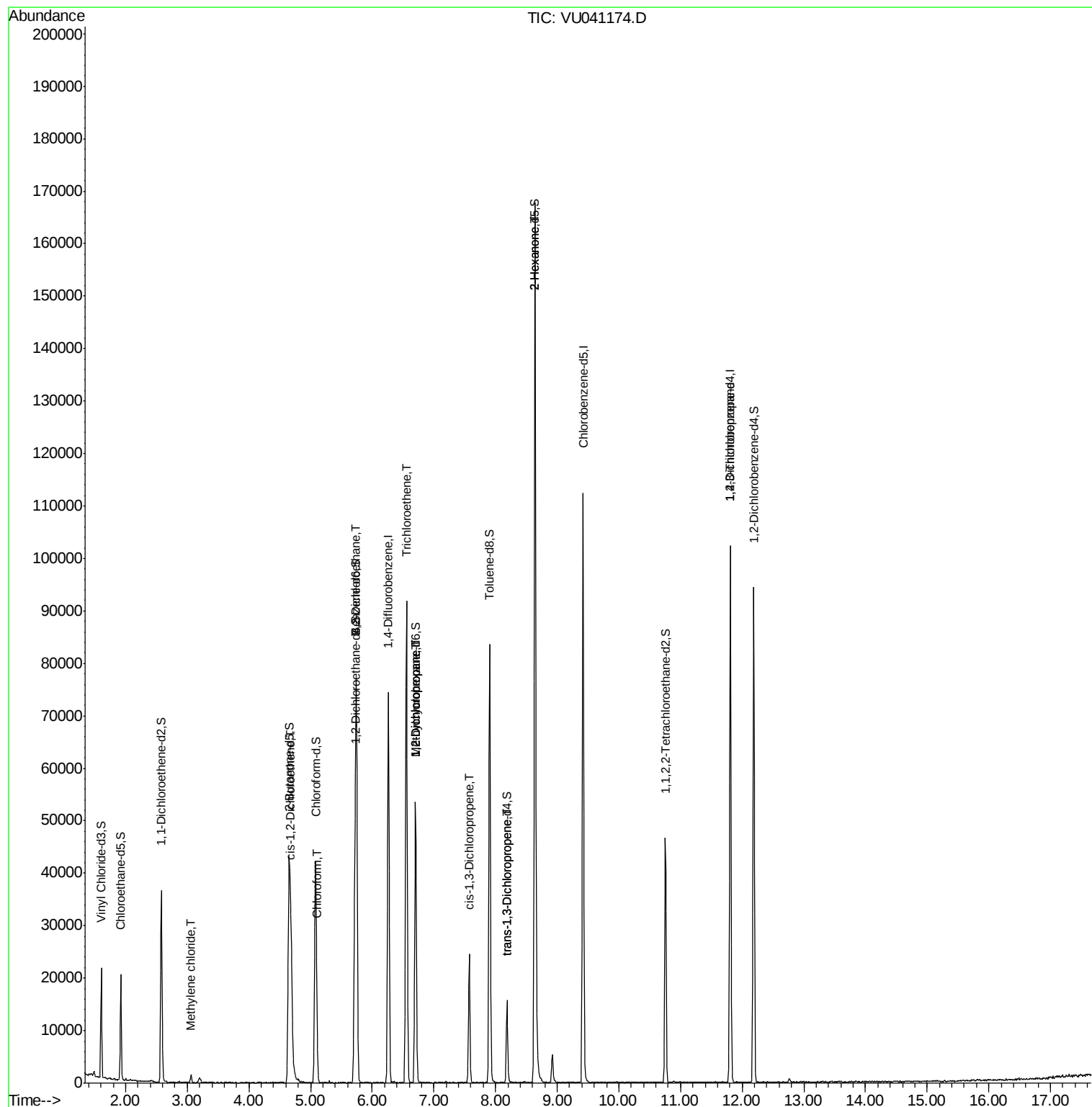
					Ovalue
16) Methylene chloride	3.07	84	576	0.129	ug/L 85
22) cis-1,2-Dichloroethene	4.69	96	5391	1.343	ug/L 99
25) Chloroform	5.11	83	927	0.119	ug/L 79
27) 1,2-Dichloroethane	5.74	62	314	0.054	ug/L # 74
34) Trichloroethene	6.55	95	30622	6.932	ug/L 98
35) Methylcyclohexane	6.70	83	5281	0.801	ug/L # 13
37) 1,2-Dichloropropane	6.70	63	2734	0.582	ug/L # 86
39) cis-1,3-Dichloropropene	7.58	75	511	0.079	ug/L # 26
44) trans-1,3-Dichloropropene	8.19	75	454	0.075	ug/L # 76
48) 2-Hexanone	8.64	43	7723	2.739	ug/L # 68
59) 1,2,3-Trichloropropane	11.81	75	3373	0.964	ug/L 90

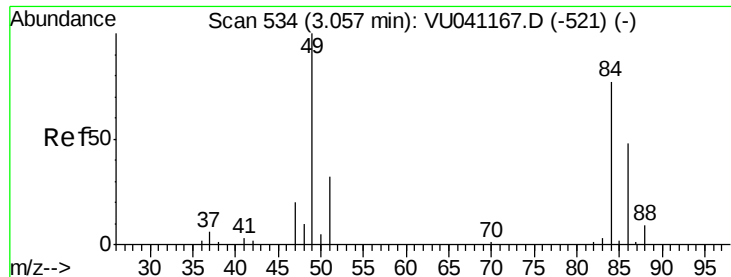
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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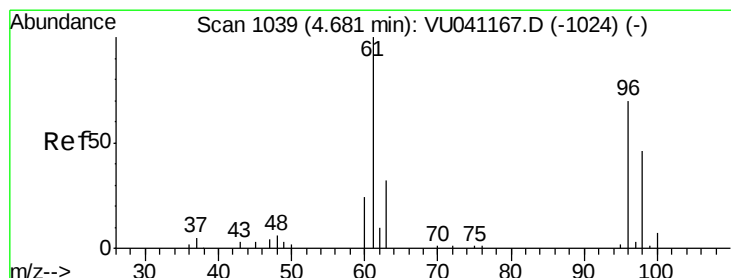
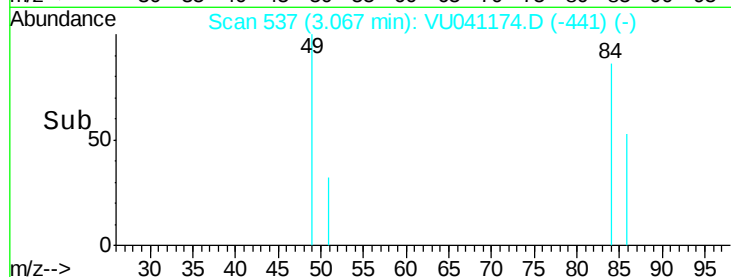
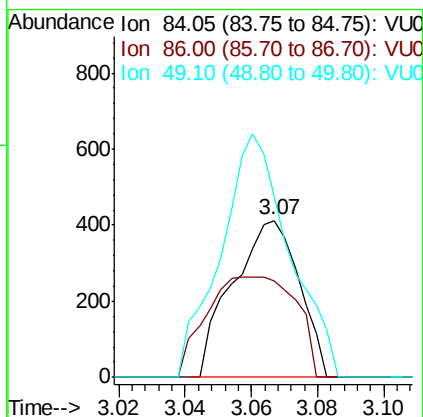
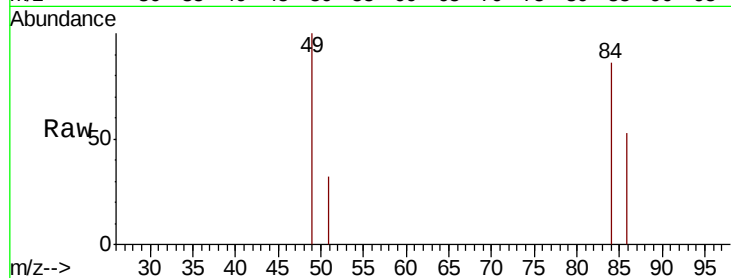




#16
Methvlene chloride
Concen: 0.129 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU041174.D
Acq: 10 Nov 2020 13:37

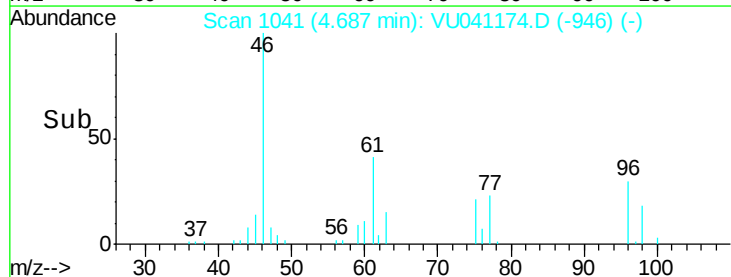
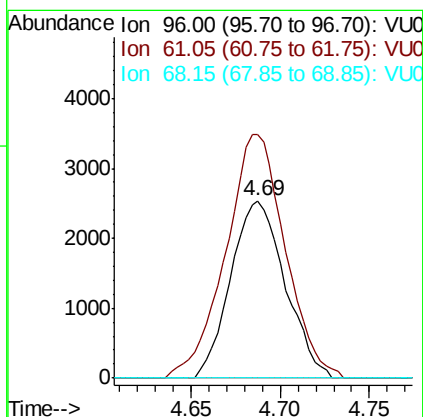
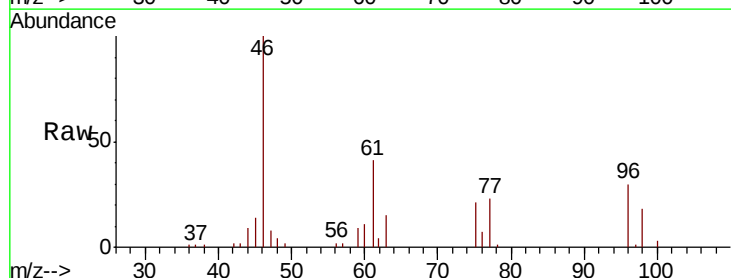
Instrument :
MSVOA_U
ClientSampleId :
GB0T1DL

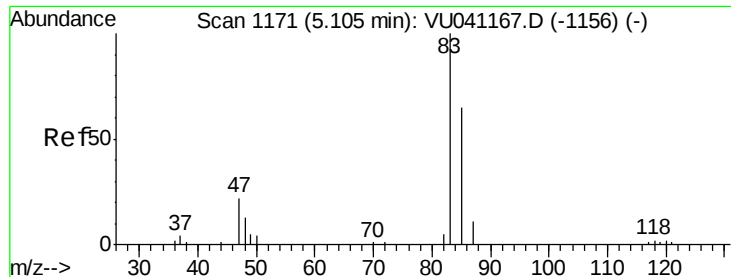
Tot Ion: 84 Resp: 576
Ion Ratio Lower Upper
84 100
86 61.7 42.8 79.6
49 115.8 99.5 184.7



#22
cis-1,2-Dichloroethene
Concen: 1.343 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041174.D
Acq: 10 Nov 2020 13:37

Tgt Ion: 96 Resp: 5391
Ion Ratio Lower Upper
96 100
61 137.3 97.2 180.4
68 0.0 0.0 0.0

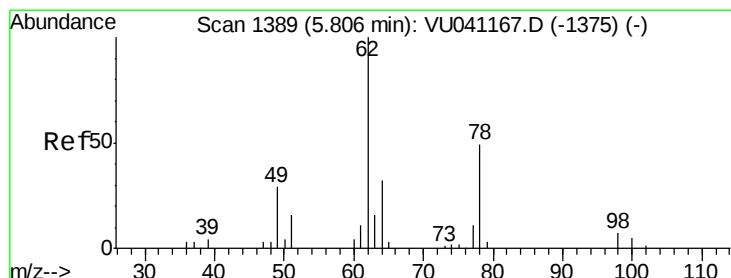
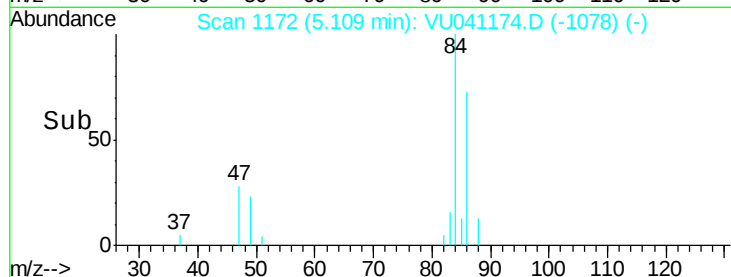
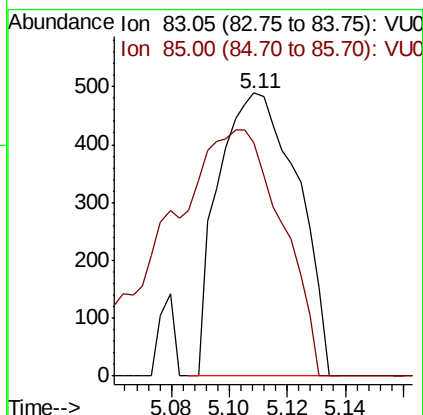
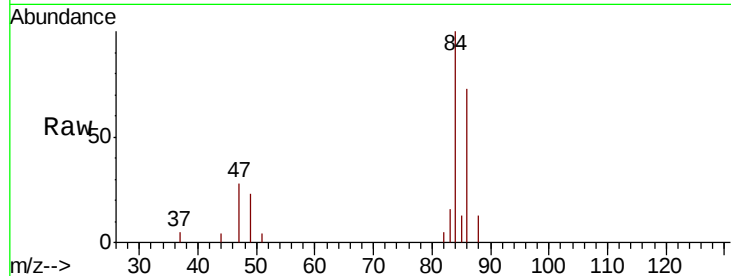




#25
Chloroform
Concen: 0.119 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041174.D
Acq: 10 Nov 2020 13:37

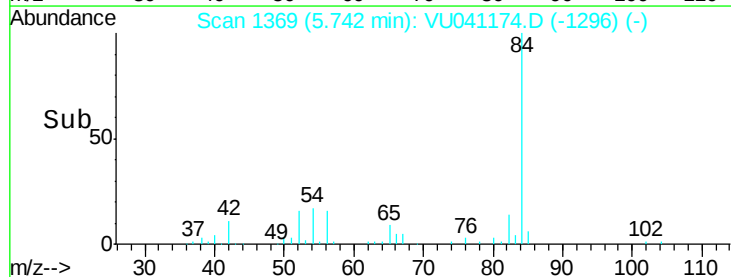
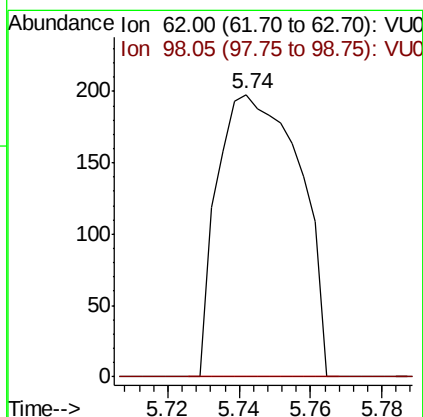
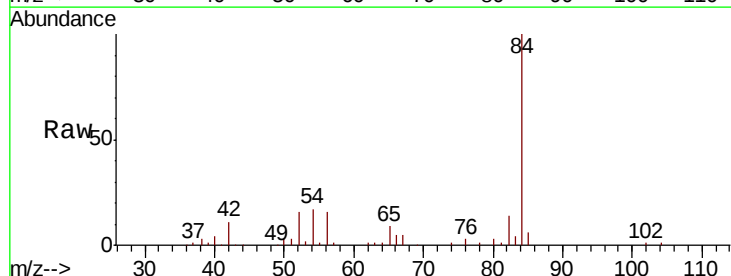
Instrument :
MSVOA_U
ClientSampleId :
GB0T1DL

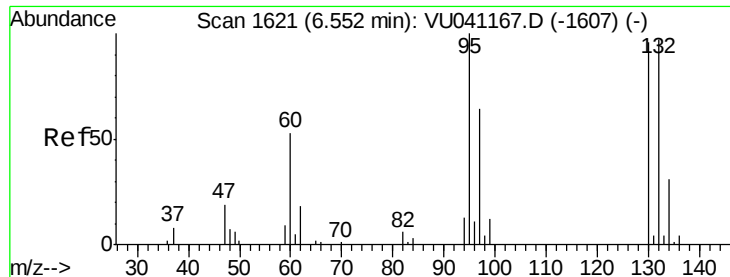
Tot Ion: 83 Resp: 927
Ion Ratio Lower Upper
83 100
85 82.6 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.054 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041174.D
Acq: 10 Nov 2020 13:37

Tgt Ion: 62 Resp: 314
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 6.932 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041174.D

Acq: 10 Nov 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

GB0T1DL

Tot Ion: 95 Resp: 30622

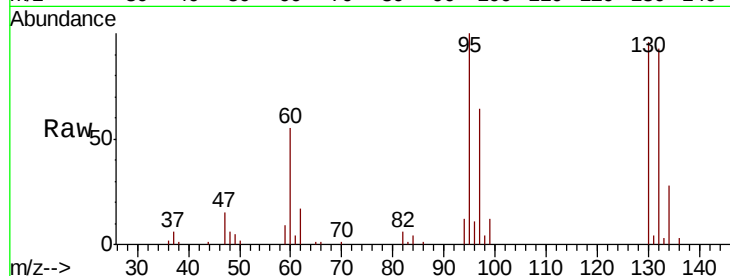
Ion Ratio Lower Upper

95 100

97 64.0 45.6 84.6

132 92.6 64.8 120.4

130 96.2 64.8 120.4

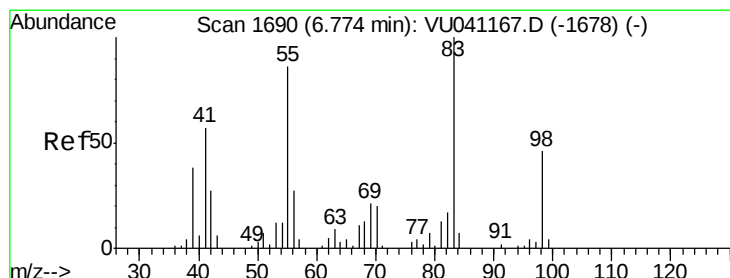
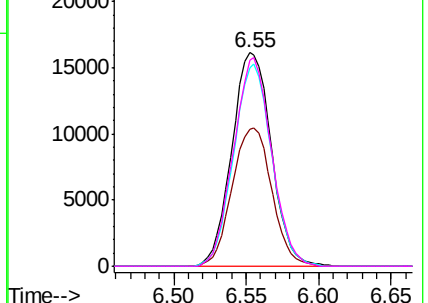
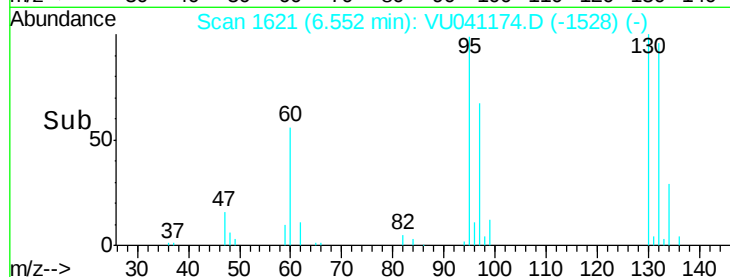


Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041174.D

Acq: 10 Nov 2020 13:37

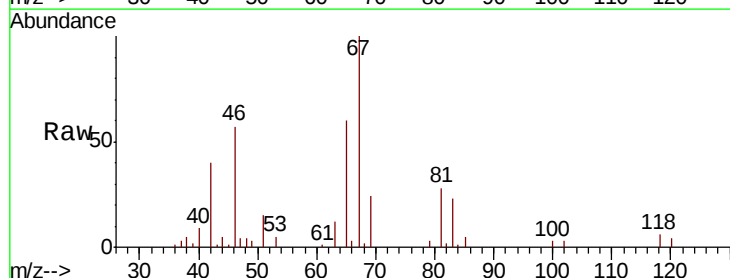
Tgt Ion: 83 Resp: 5281

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

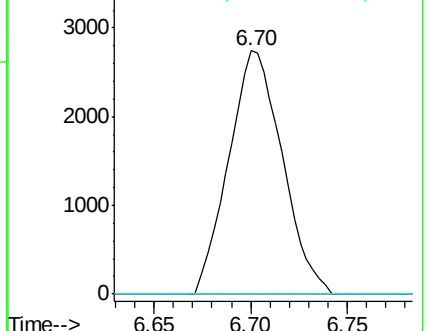
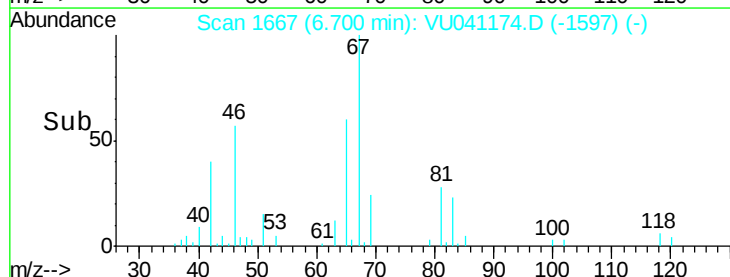
98 0.0 36.6 55.0#

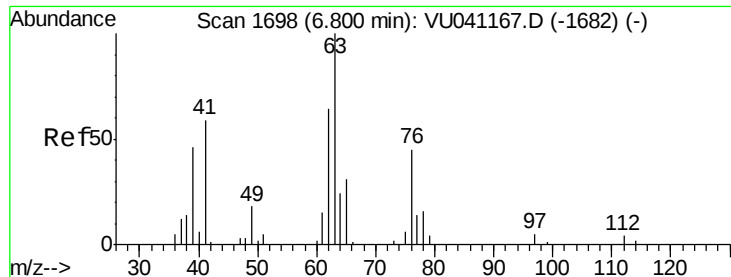


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

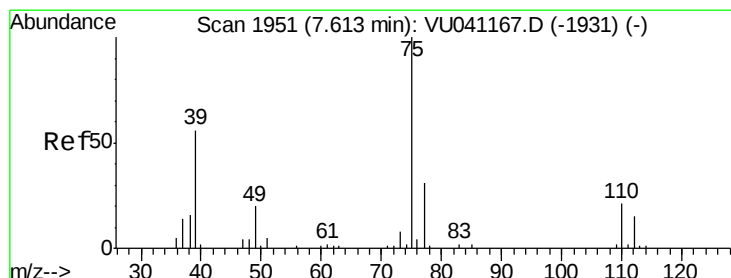
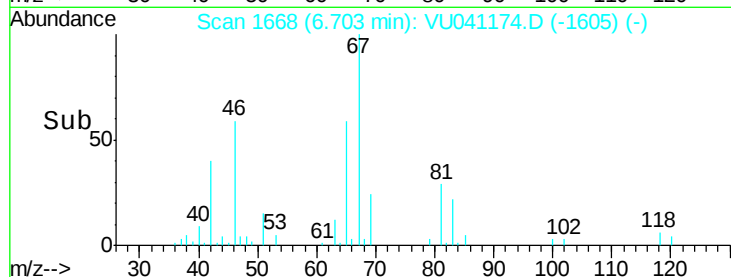
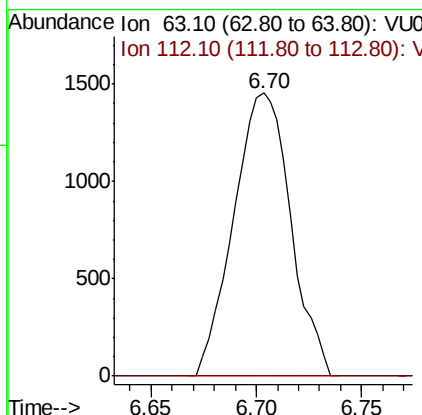
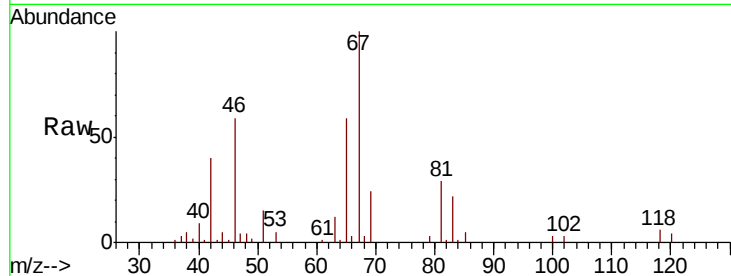




#37
 1,2-Dichloropropane
 Concen: 0.582 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041174.D
 Acq: 10 Nov 2020 13:37

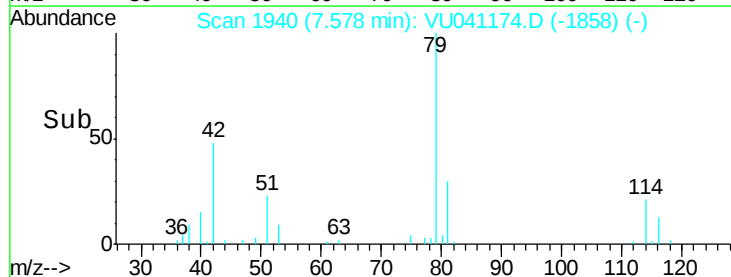
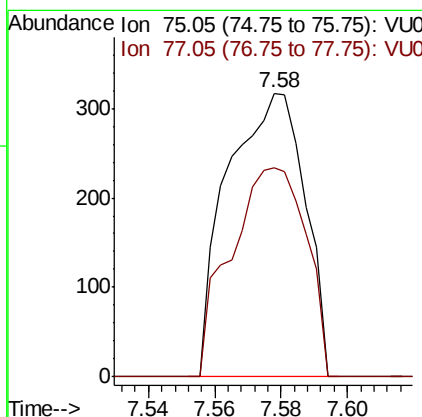
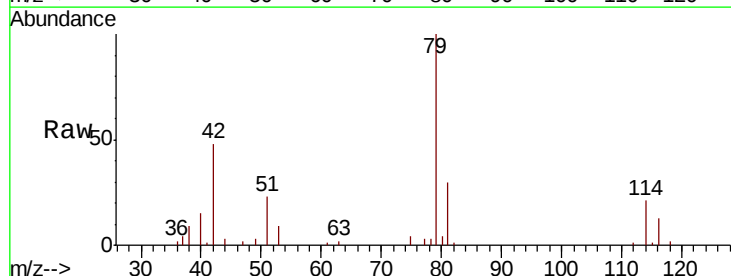
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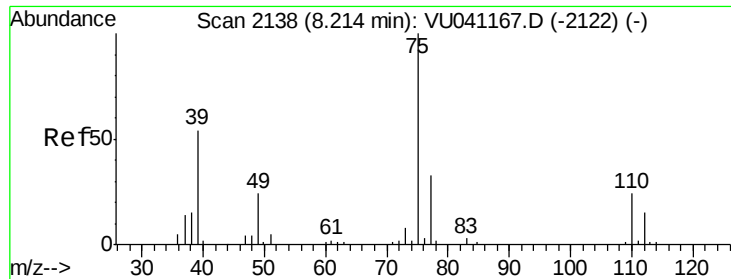
Tot Ion: 63 Resp: 2734
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041174.D
 Acq: 10 Nov 2020 13:37

Tgt Ion: 75 Resp: 511
 Ion Ratio Lower Upper
 75 100
 77 73.8 22.7 42.3#

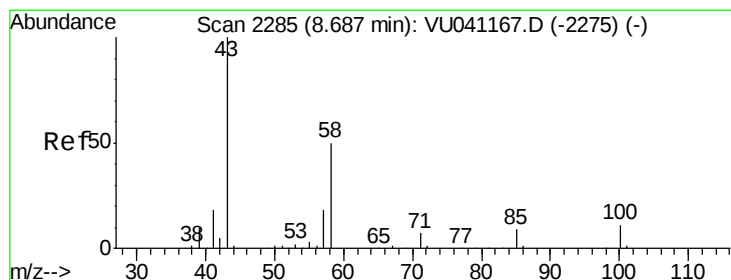
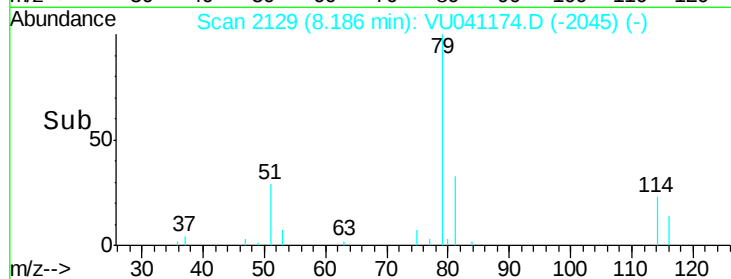
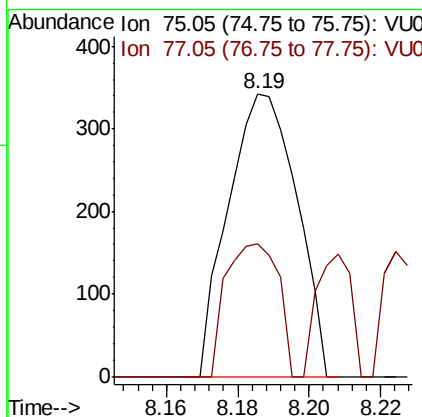
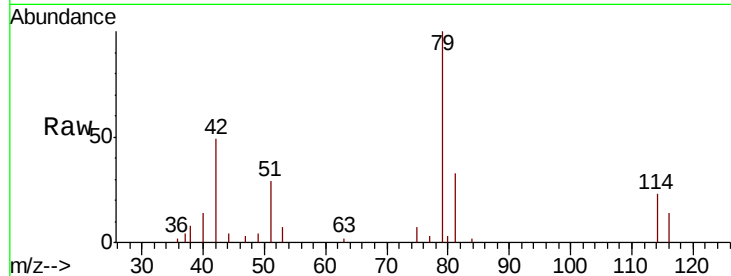




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041174.D
Acq: 10 Nov 2020 13:37

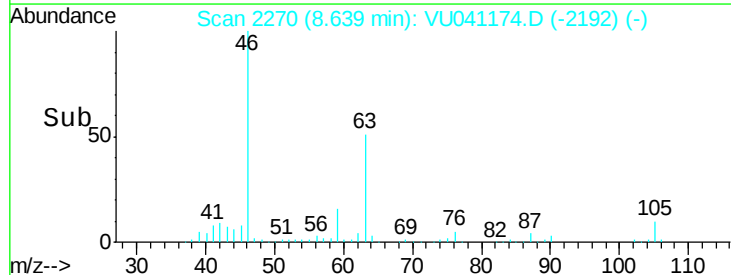
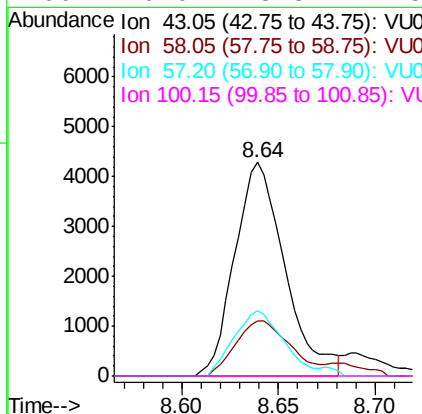
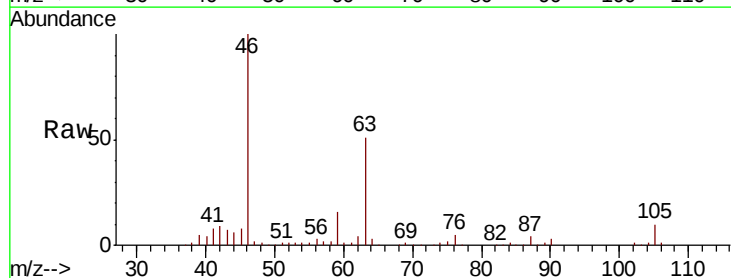
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ClientSampled :
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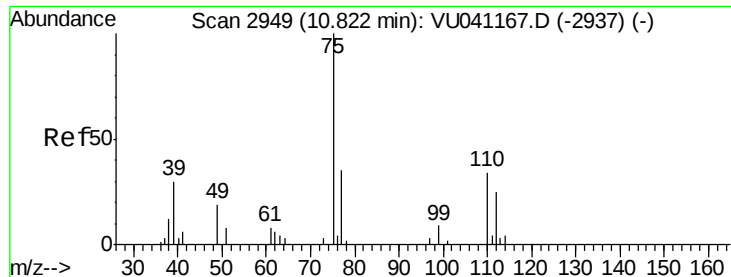
Tot Ion: 75 Resp: 454
Ion Ratio Lower Upper
75 100
77 46.9 23.3 43.3#



#48
2-Hexanone
Concen: 2.739 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041174.D
Acq: 10 Nov 2020 13:37

Tgt Ion: 43 Resp: 7723
Ion Ratio Lower Upper
43 100
58 28.5 41.4 62.2#
57 31.3 14.6 21.8#
100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041174.D

Acq: 10 Nov 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 3373

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5

