

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041607.D
 Acq On : 14 Dec 2020 12:56
 Operator : SY/MD
 Sample : L5060-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 15 00:48:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	50048	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.92	69	41346	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.58	63	73685	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.66	46	164477	58.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.44%
24) Chloroform-d	5.08	84	89540	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.72	65	52906	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.74	84	184994	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.70	67	59347	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.90	98	169106	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	8.19	79	25012	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	146318	53.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53148	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	61535	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

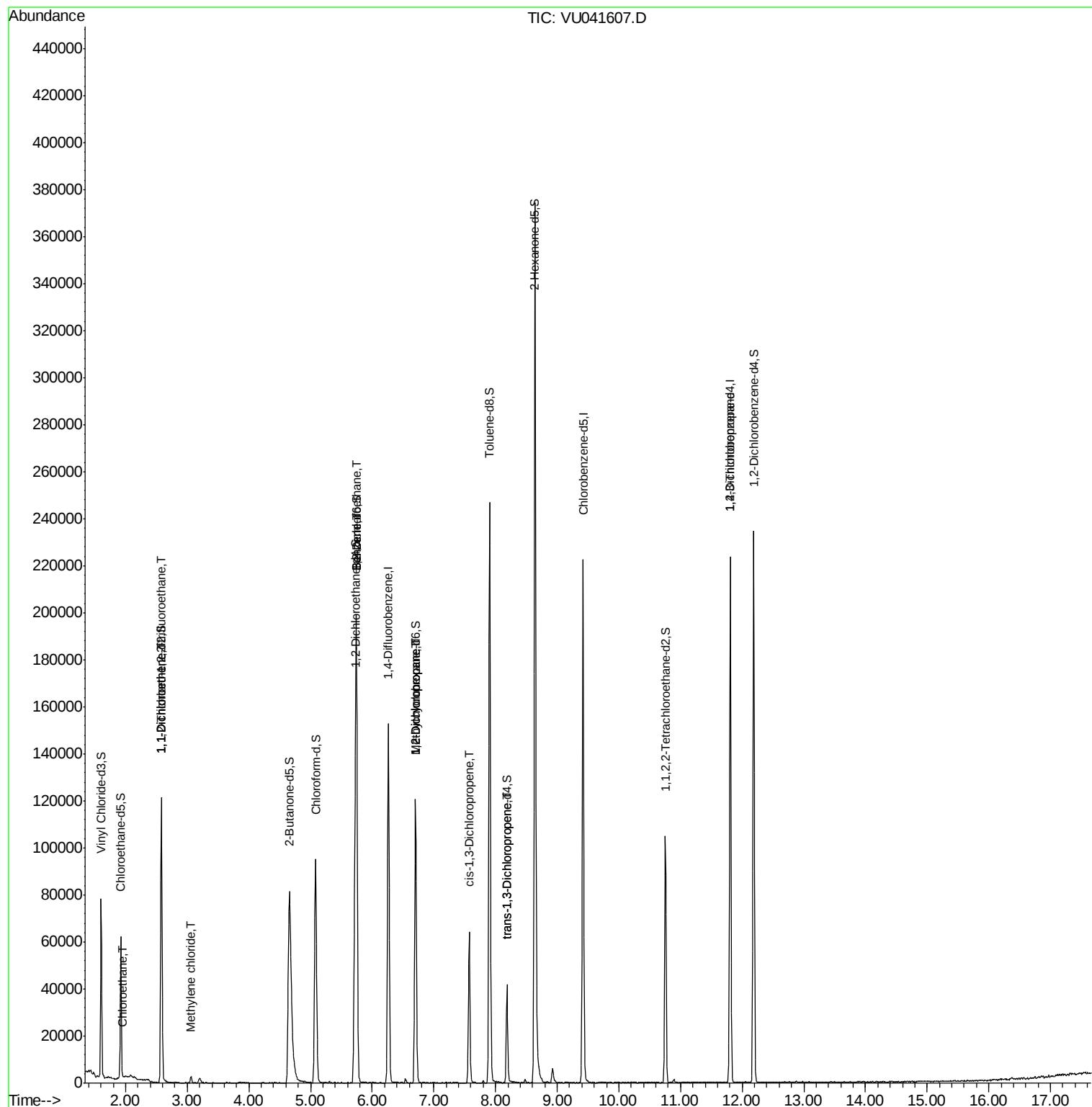
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	256	0.033	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	521	0.061	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	524	0.062	ug/L #	1
16) Methylene chloride	3.06	84	1225	0.121	ug/L	89
27) 1,2-Dichloroethane	5.74	62	980	0.088	ug/L #	73
33) Benzene	5.74	78	1364	0.034	ug/L	100
35) Methylcyclohexane	6.70	83	13737	0.847	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6008	0.588	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1476	0.097	ug/L #	61
44) trans-1,3-Dichloropropene	8.19	75	1073	0.079	ug/L #	79
59) 1,2,3-Trichloropropane	11.81	75	7521	0.980	ug/L	93

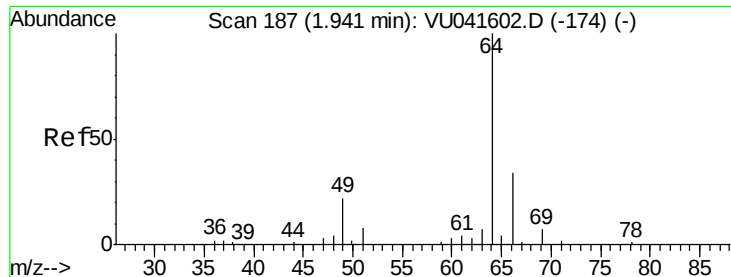
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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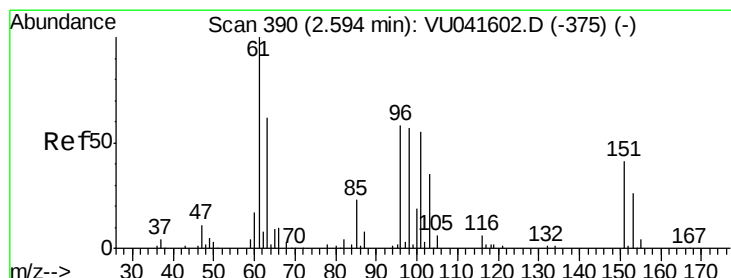
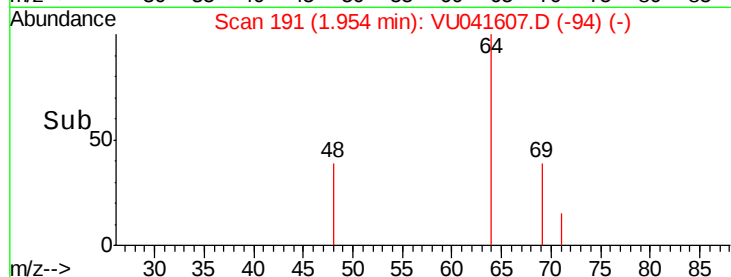
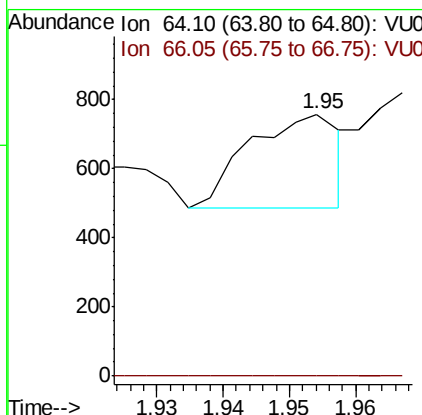
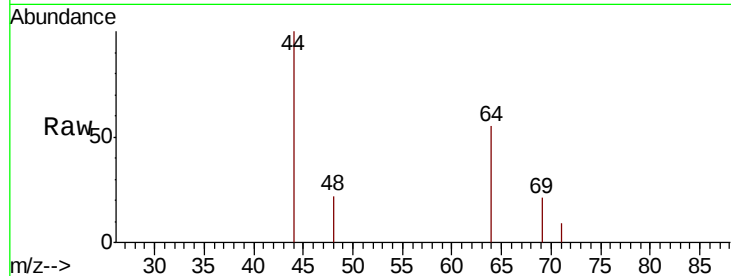




#8
Chloroethane
Concen: 0.033 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU041607.D
Acq: 14 Dec 2020 12:56

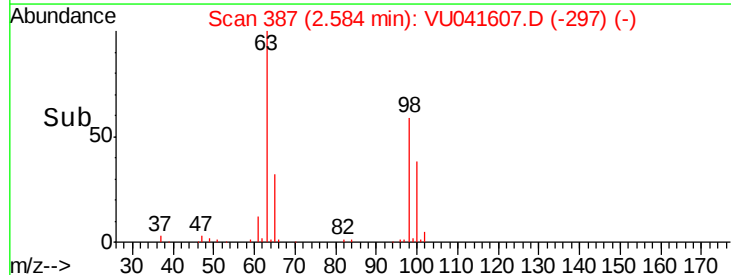
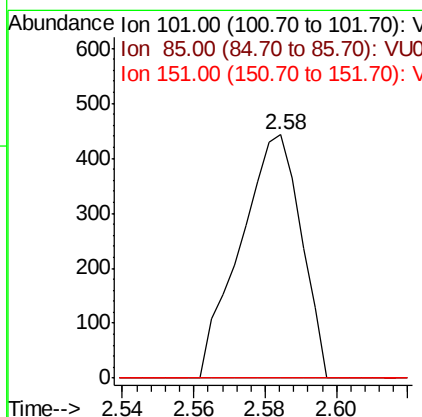
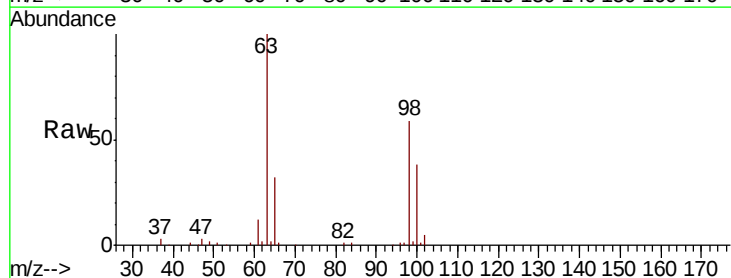
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MSVOA_U
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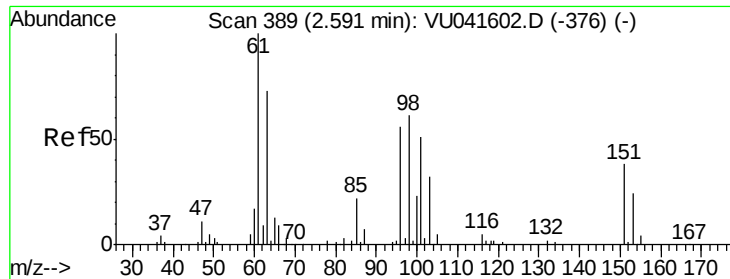
Tot Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041607.D
Acq: 14 Dec 2020 12:56

Tgt Ion:101 Resp: 521
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041607.D

Acq: 14 Dec 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

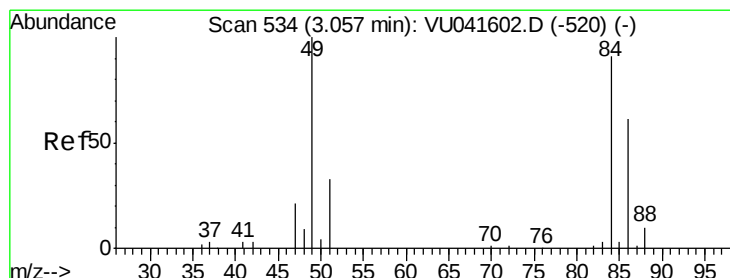
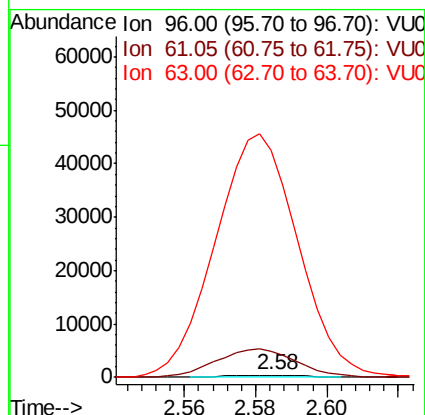
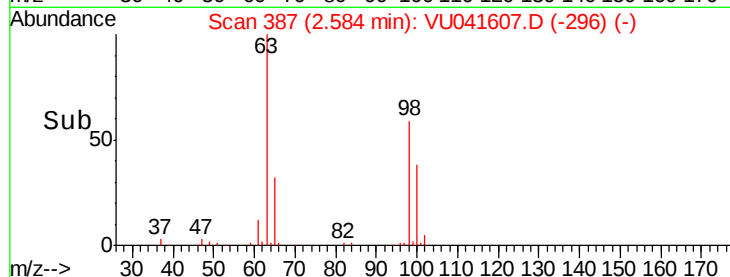
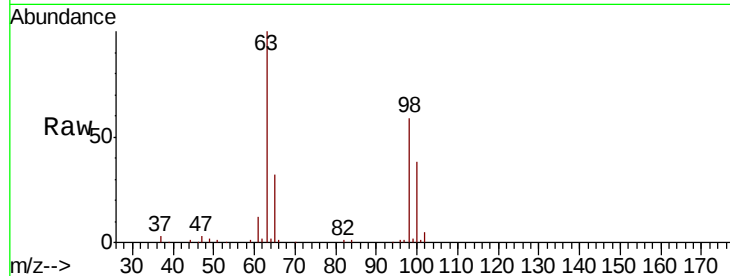
Tot Ion: 96 Resp: 524

Ion Ratio Lower Upper

96 100

61 1435.8 123.8 230.0#

63 12471.6 81.0 150.4#



#16

Methylene chloride

Concen: 0.121 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU041607.D

Acq: 14 Dec 2020 12:56

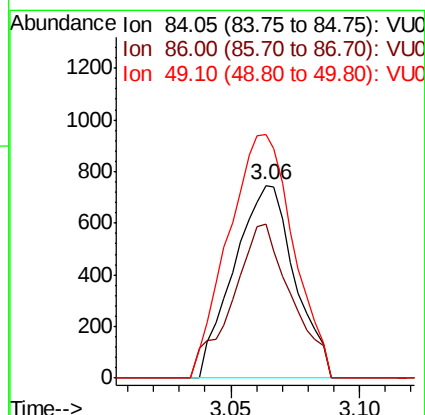
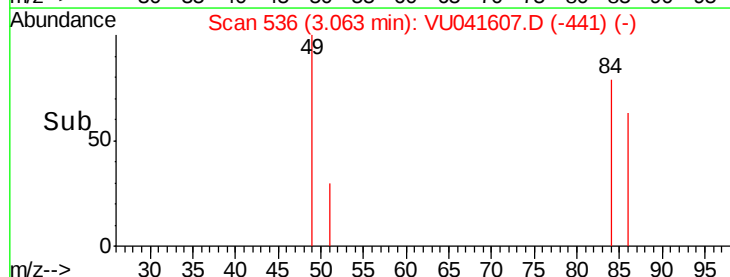
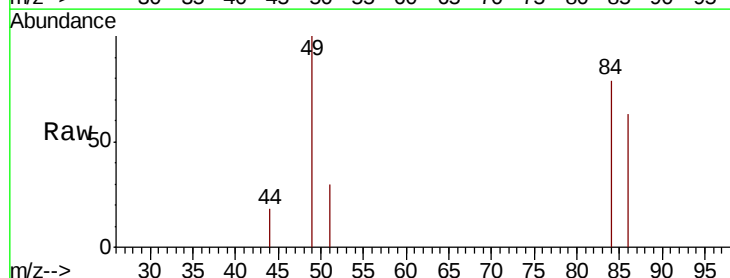
Tgt Ion: 84 Resp: 1225

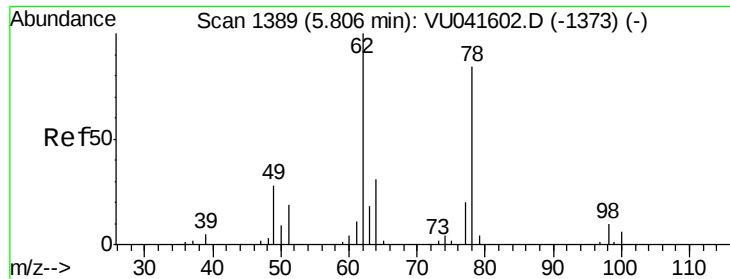
Ion Ratio Lower Upper

84 100

86 79.7 45.1 83.7

49 126.2 83.1 154.3

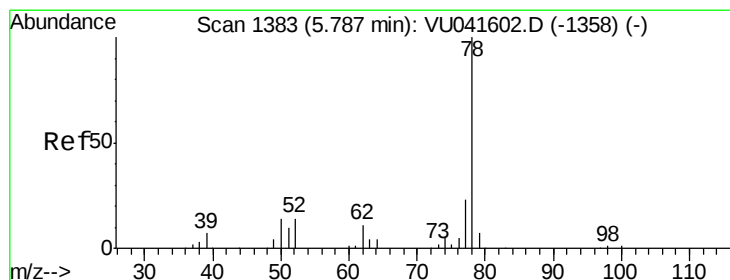
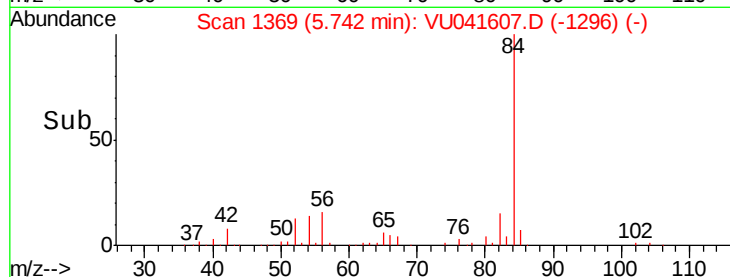
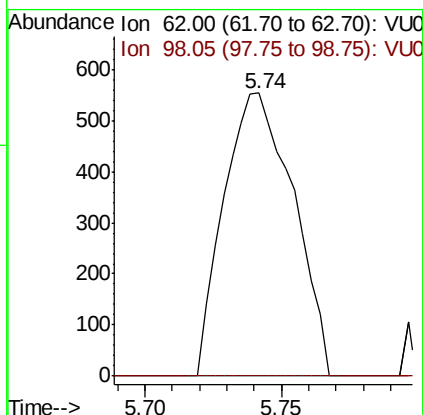
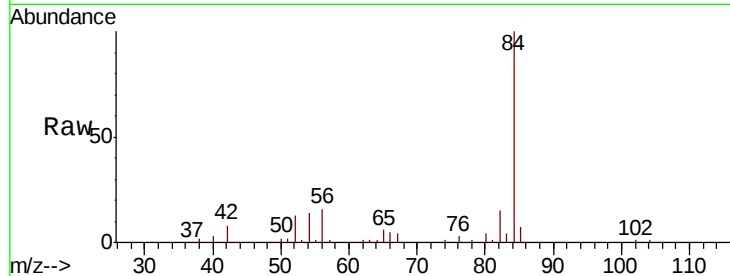




#27
 1,2-Dichloroethane
 Concen: 0.088 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041607.D
 Acq: 14 Dec 2020 12:56

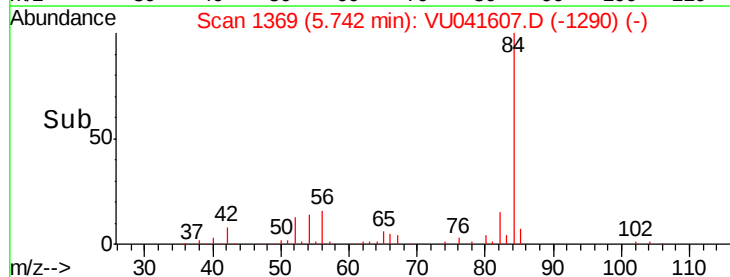
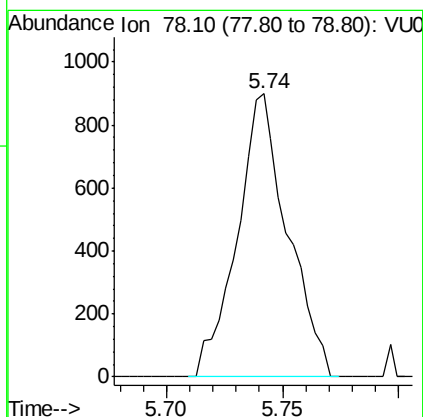
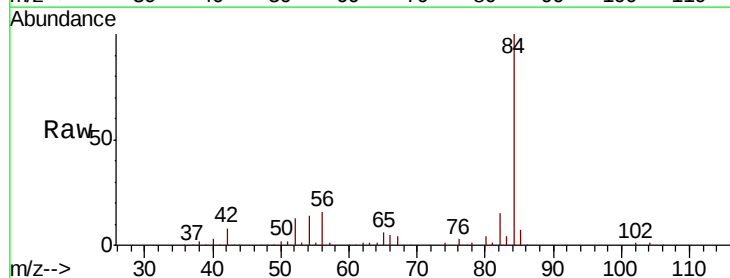
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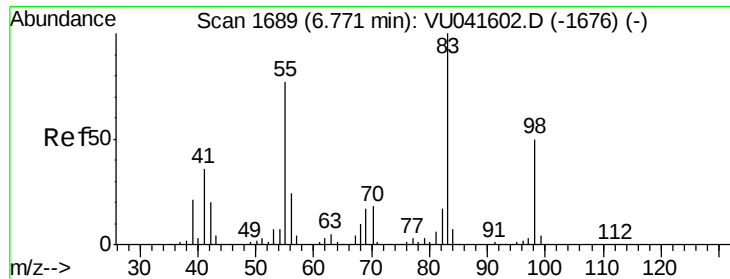
Tot Ion: 62 Resp: 980
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 0.034 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU041607.D
 Acq: 14 Dec 2020 12:56

Tgt Ion: 78 Resp: 1364

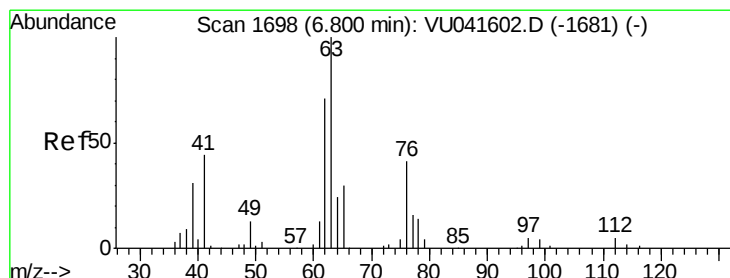
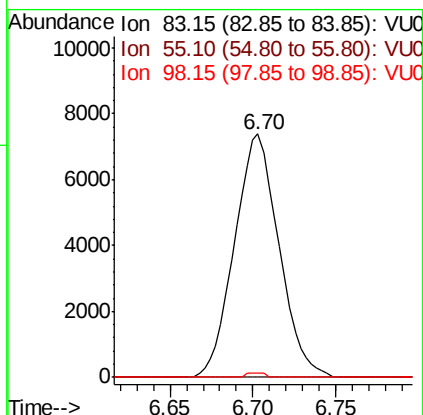
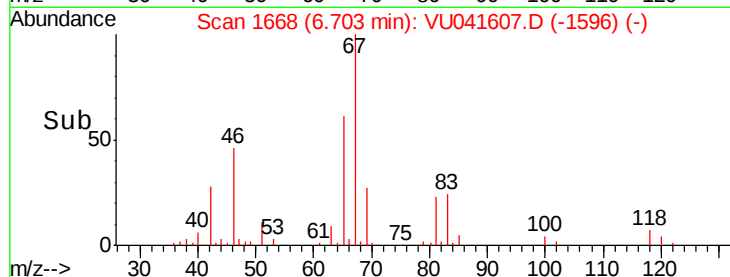
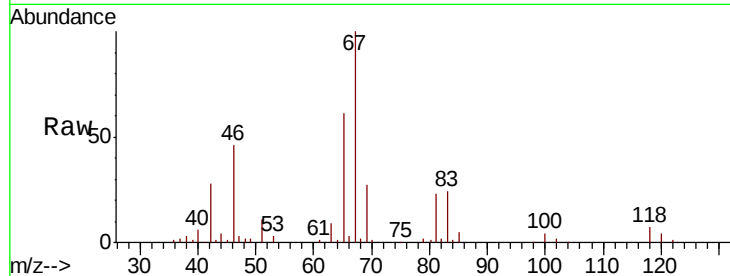




#35
Methvlcvclohexane
Concen: 0.847 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041607.D
Acq: 14 Dec 2020 12:56

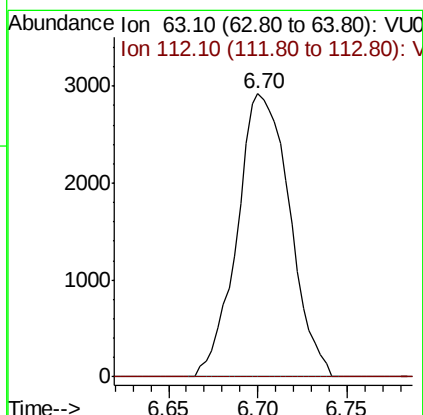
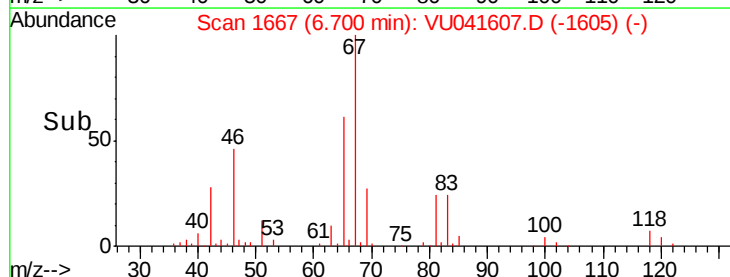
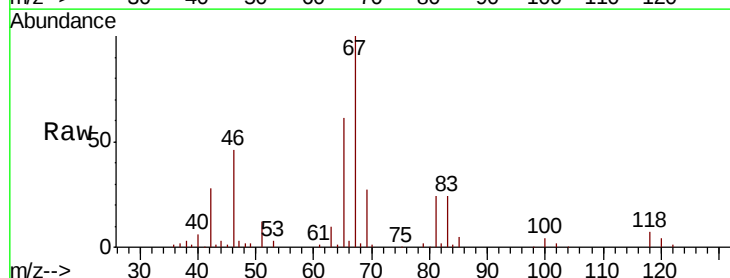
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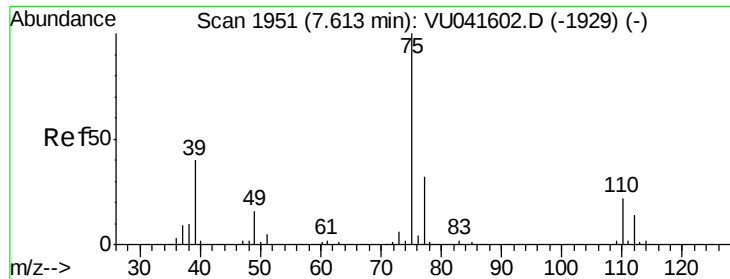
Tot Ion: 83 Resp: 13737
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.7 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041607.D
Acq: 14 Dec 2020 12:56

Tgt Ion: 63 Resp: 6008
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

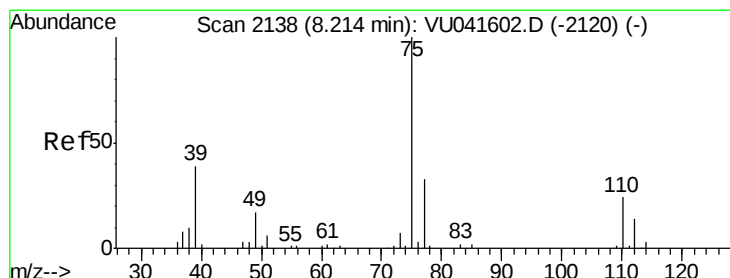
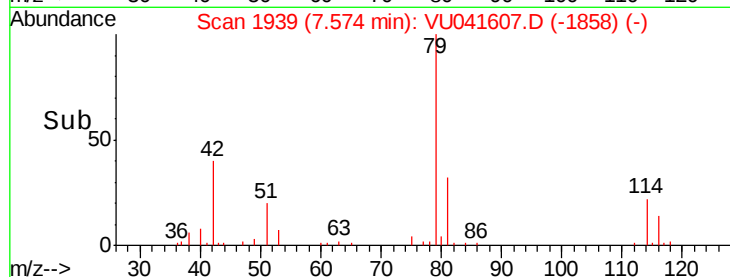
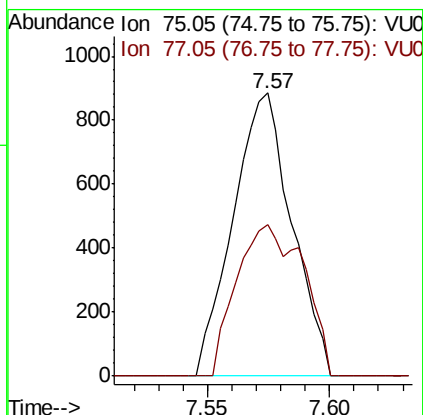
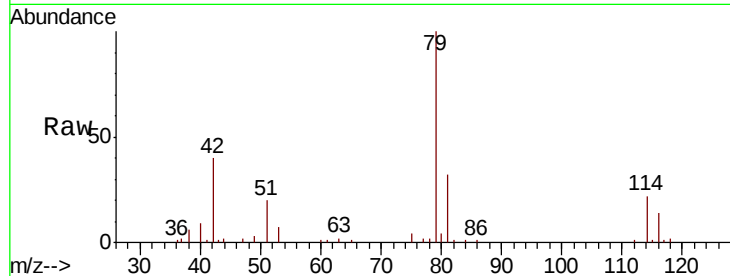




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041607.D
 Acq: 14 Dec 2020 12:56

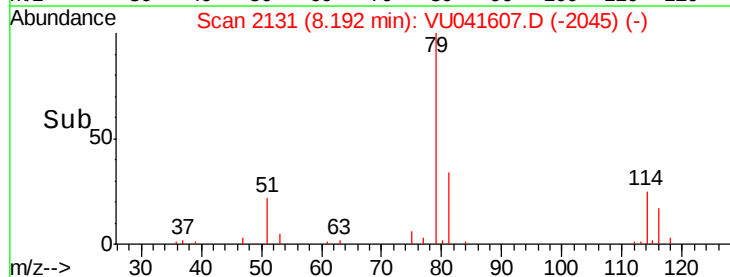
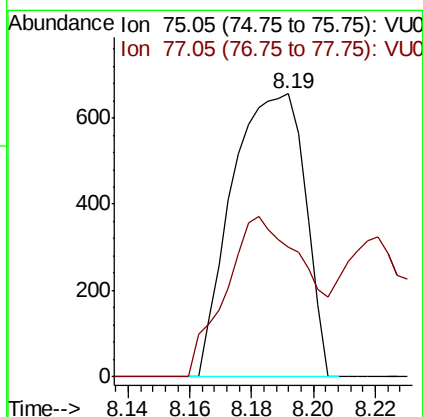
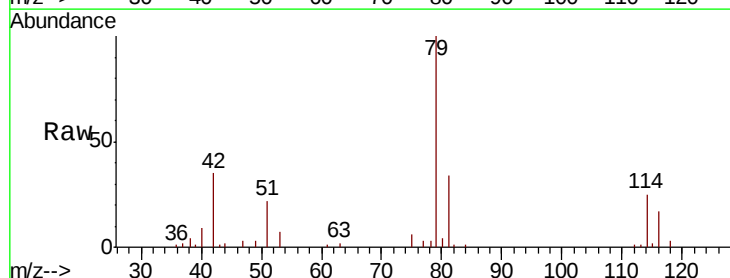
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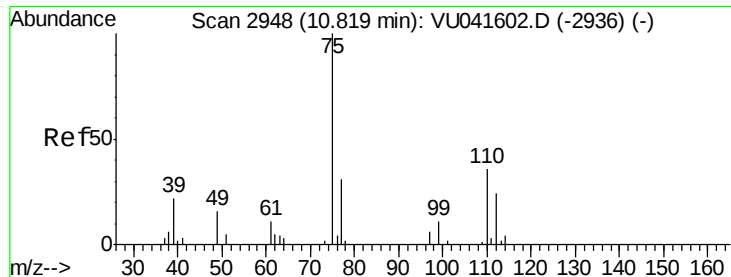
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 Ion Ratio Lower Upper
 75 100
 77 53.7 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 8.19 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: VU041607.D
 Acq: 14 Dec 2020 12:56

Tgt Ion: 75 Resp: 1073
 Ion Ratio Lower Upper
 75 100
 77 46.0 23.8 44.2#





#59

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041607.D

Acq: 14 Dec 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 7521

Ion Ratio Lower Upper

75 100

77 28.9 26.2 39.2

