

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041734.D
 Acq On : 22 Dec 2020 12:15
 Operator : SY/MD
 Sample : L5148-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T7

Quant Time: Dec 23 04:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33788	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.92	69	37932	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	63744	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	157146	52.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	5.08	84	83732	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	48375	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	163730	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	53089	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.91	98	132262	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	20699	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	136808	47.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52117	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	53426	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

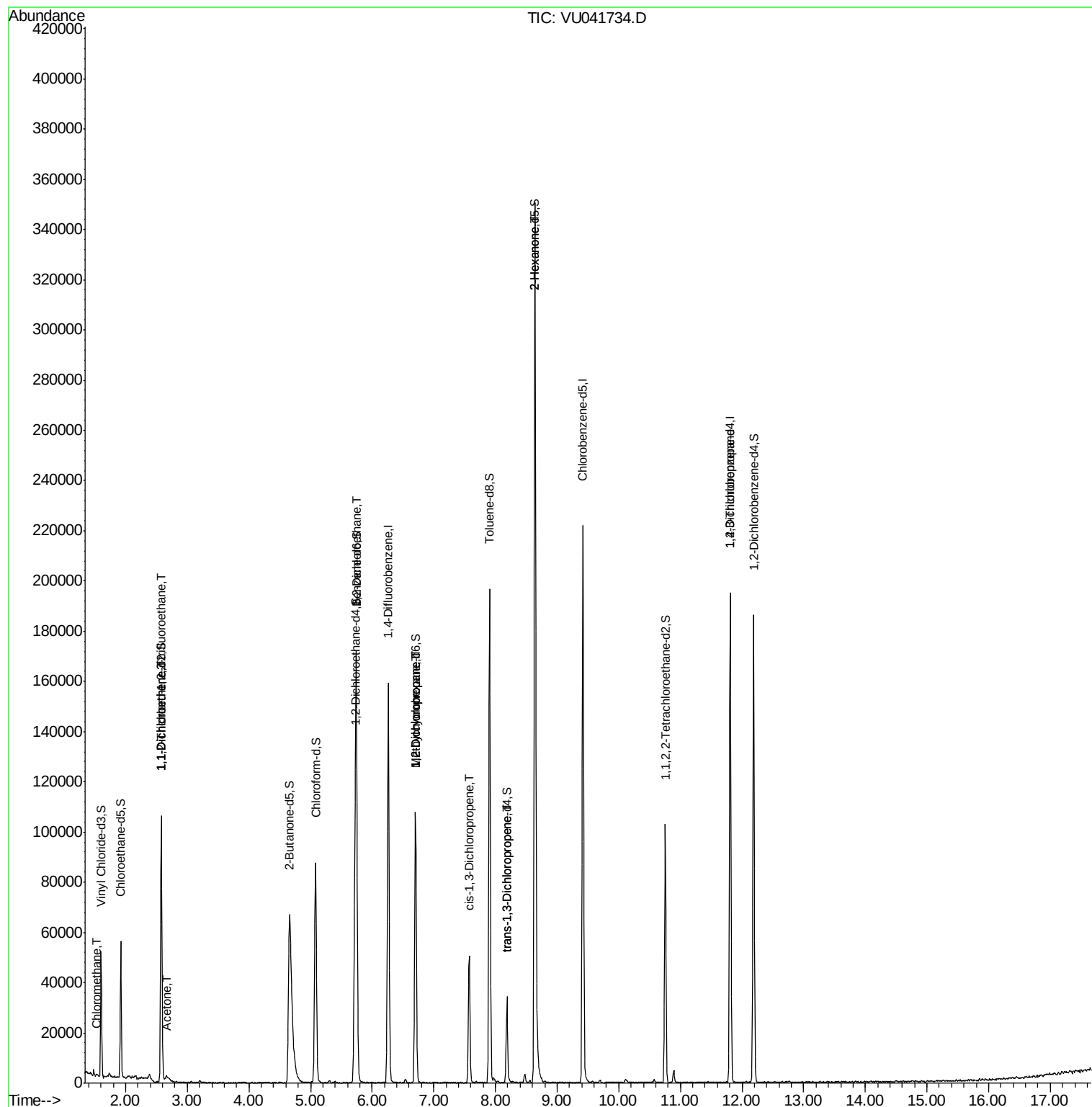
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	741	0.068	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	576	0.063	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	570	0.063	ug/L #	1
13) Acetone	2.67	43	3467	1.823	ug/L	55
27) 1,2-Dichloroethane	5.74	62	826	0.069	ug/L #	73
35) Methylcyclohexane	6.70	83	12068	0.718	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5419	0.512	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1261	0.080	ug/L #	42
44) trans-1,3-Dichloropropene	8.18	75	682	0.049	ug/L	85
48) 2-Hexanone	8.64	43	14870	2.713	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	6060	0.762	ug/L	91

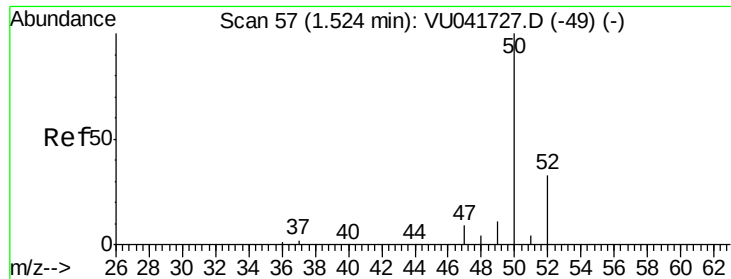
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.068 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041734.D

Acq: 22 Dec 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

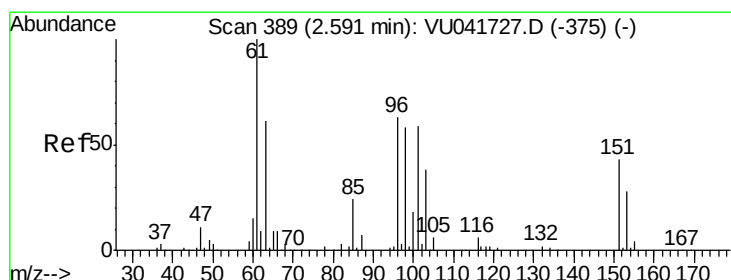
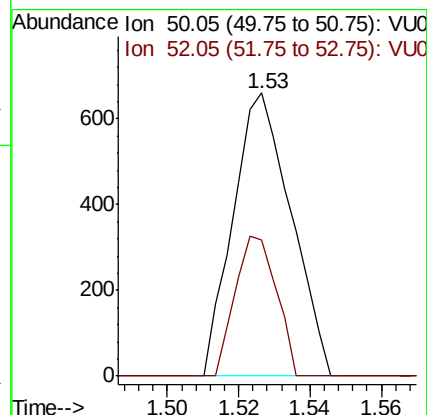
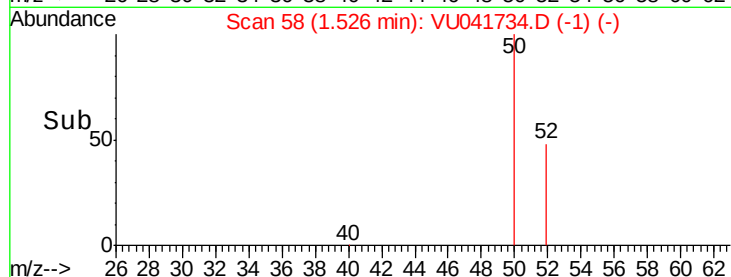
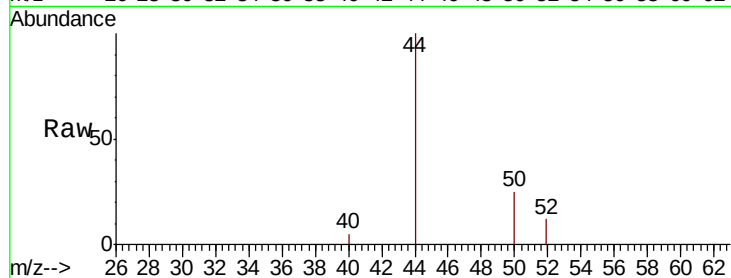
GB1T7

Tot Ion: 50 Resp: 741

Ion Ratio Lower Upper

50 100

52 48.0 24.1 44.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.063 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041734.D

Acq: 22 Dec 2020 12:15

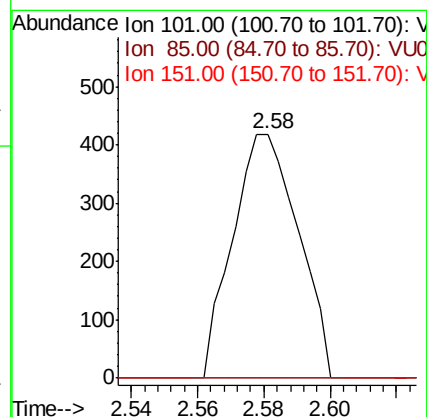
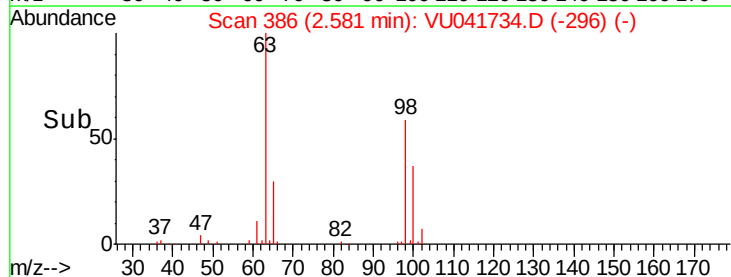
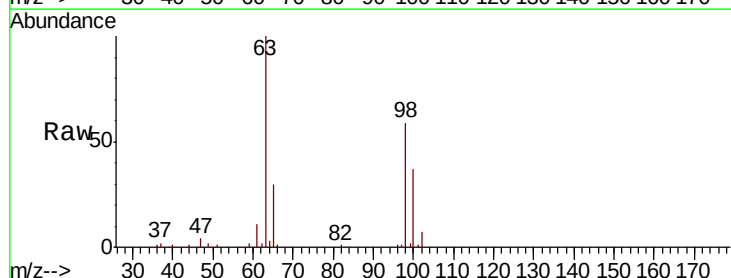
Tgt Ion:101 Resp: 576

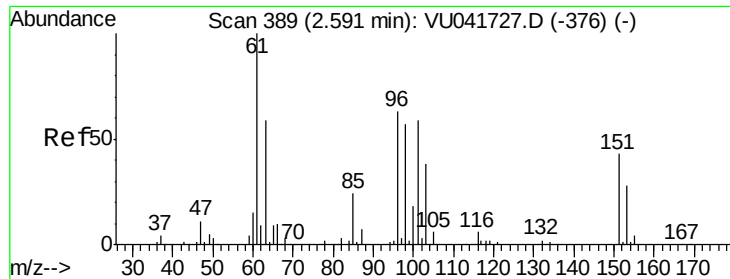
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#

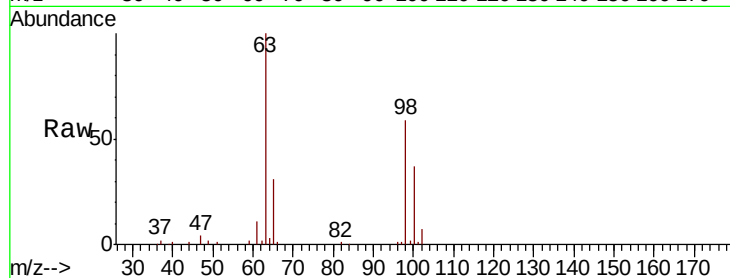




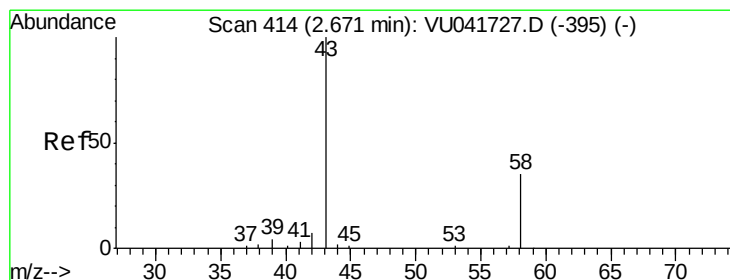
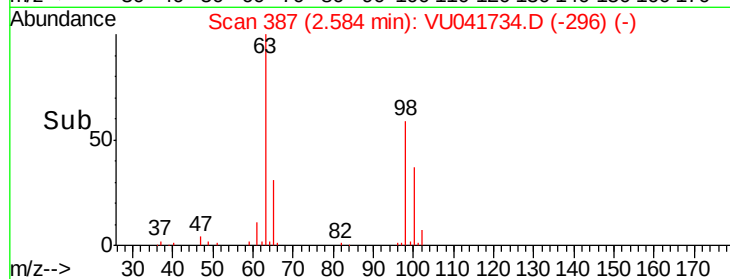
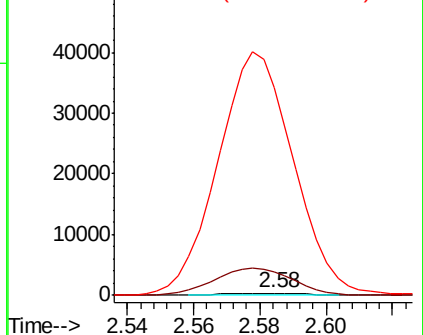
#12
 1,1-Dichloroethene
 Concen: 0.063 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU041734.D
 Acq: 22 Dec 2020 12:15

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T7

Tot Ion: 96 Resp: 570
 Ion Ratio Lower Upper
 96 100
 61 1024.7 123.8 230.0#
 63 9208.6 81.0 150.4#

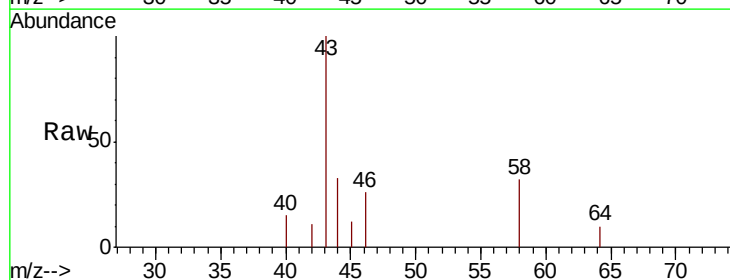


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

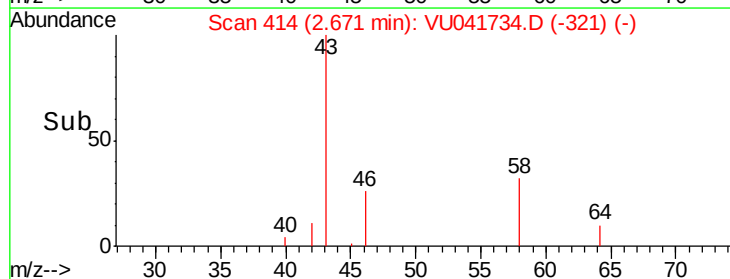
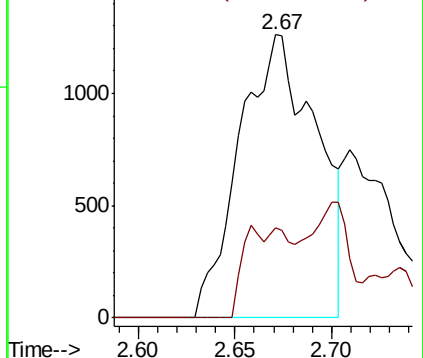


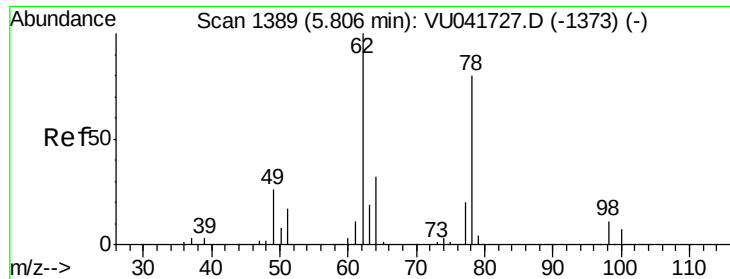
#13
 Acetone
 Concen: 1.823 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: VU041734.D
 Acq: 22 Dec 2020 12:15

Tgt Ion: 43 Resp: 3467
 Ion Ratio Lower Upper
 43 100
 58 10.2 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

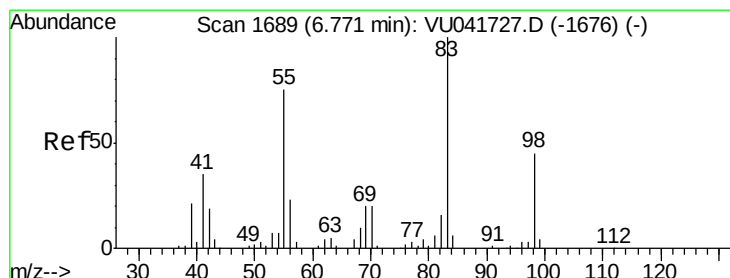
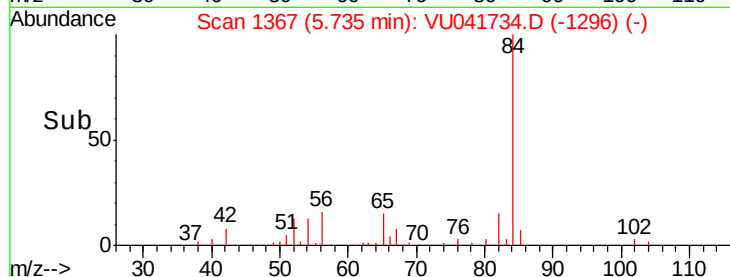
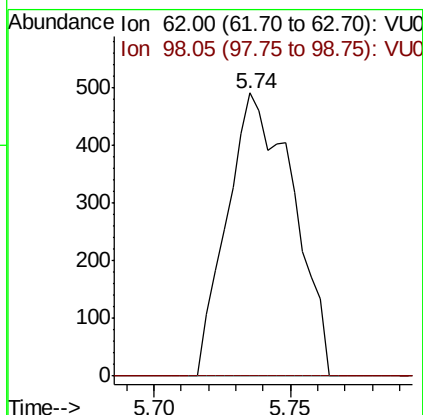
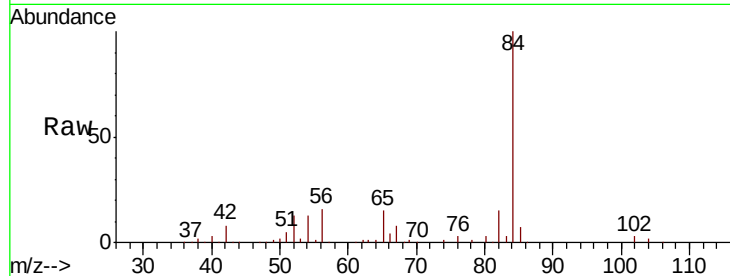




#27
 1,2-Dichloroethane
 Concen: 0.069 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.07 min
 Lab File: VU041734.D
 Acq: 22 Dec 2020 12:15

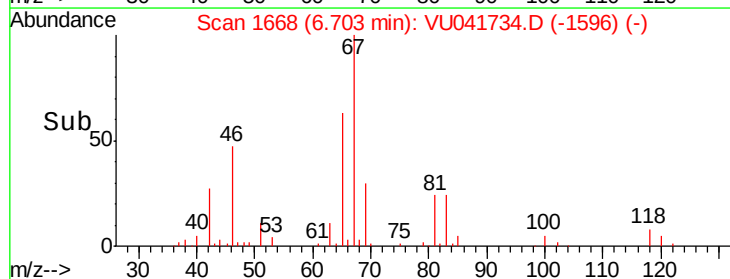
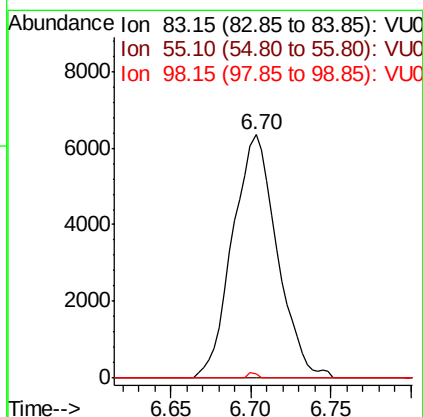
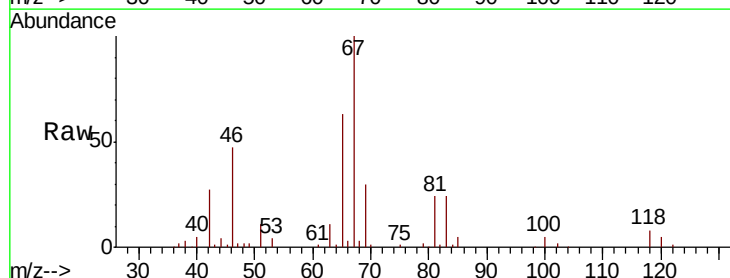
Instrument :
 MSVOA_U
 ClientSampled :
 GB1T7

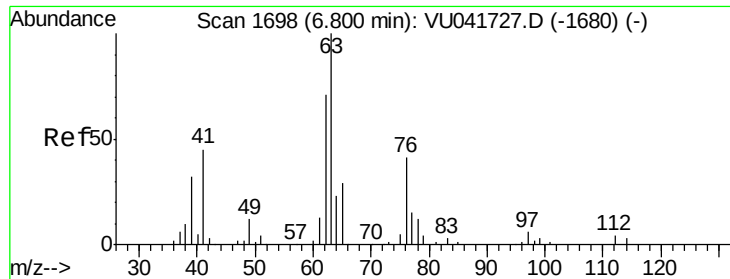
Tot Ion: 62 Resp: 826
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.718 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041734.D
 Acq: 22 Dec 2020 12:15

Tgt Ion: 83 Resp: 12068
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.4 36.6 54.8#

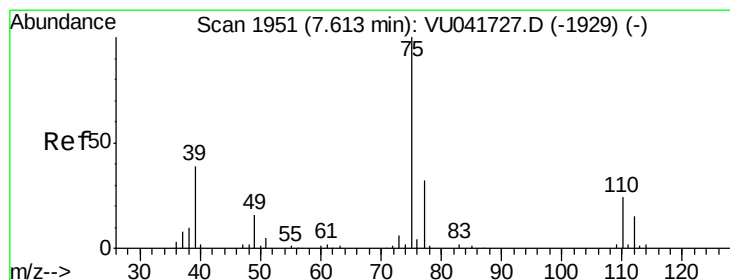
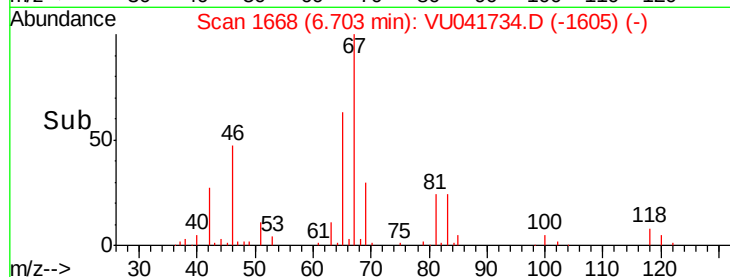
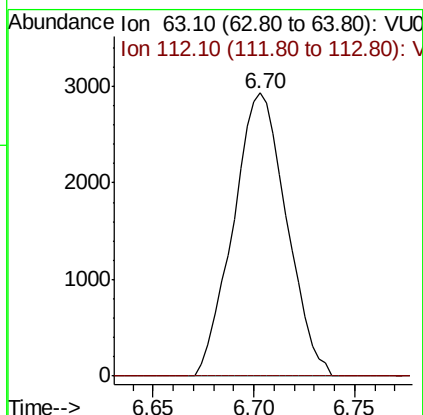
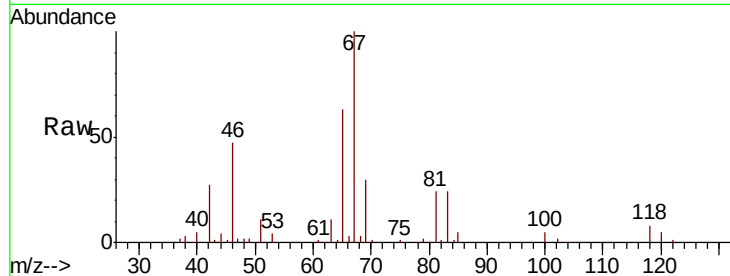




#37
 1,2-Dichloropropane
 Concen: 0.512 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041734.D
 Acq: 22 Dec 2020 12:15

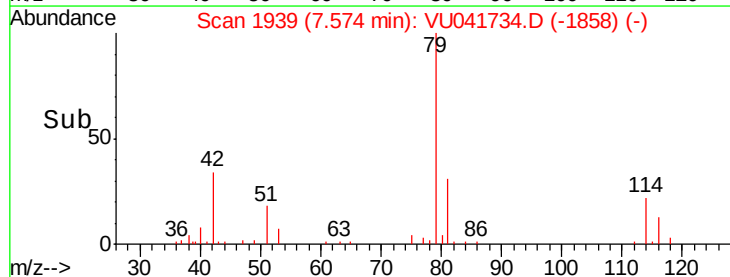
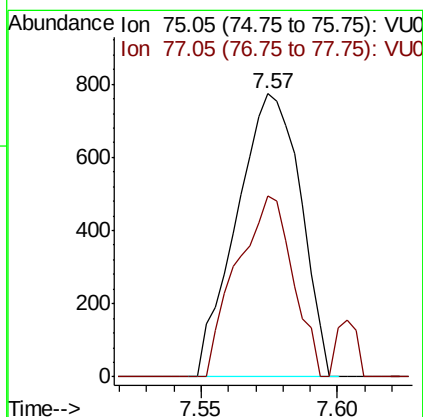
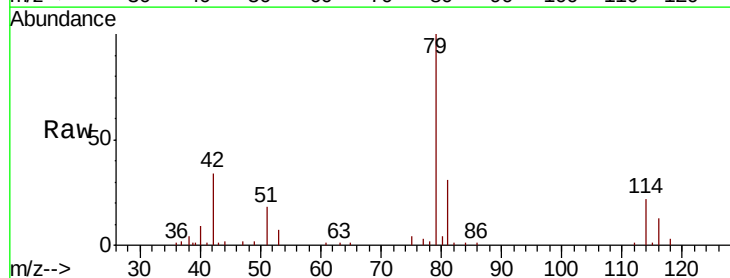
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T7

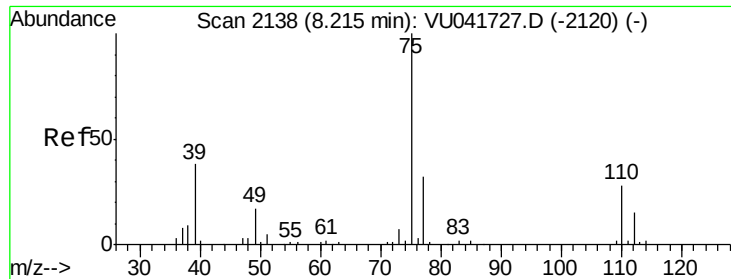
Tot Ion: 63 Resp: 5419
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041734.D
 Acq: 22 Dec 2020 12:15

Tgt Ion: 75 Resp: 1261
 Ion Ratio Lower Upper
 75 100
 77 63.8 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU041734.D

Acq: 22 Dec 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

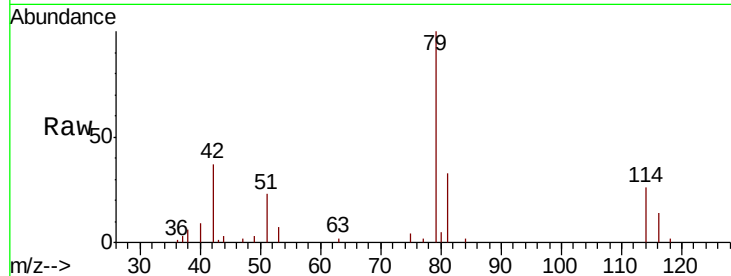
GB1T7

Tot Ion: 75 Resp: 682

Ion Ratio Lower Upper

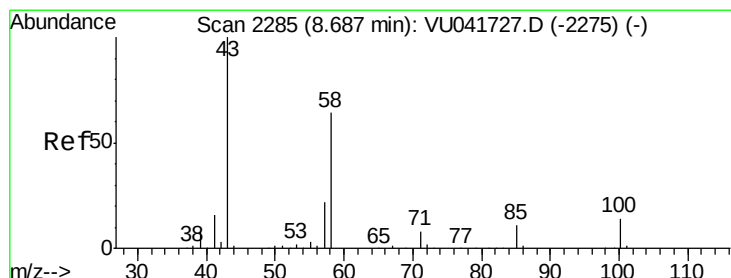
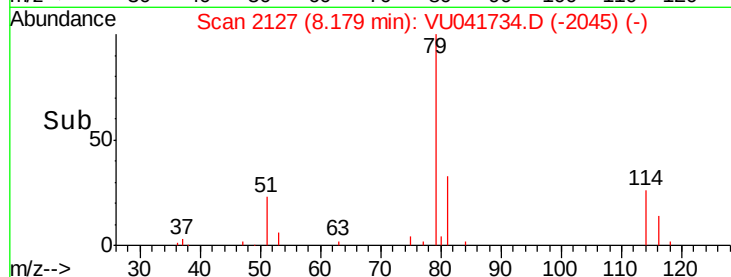
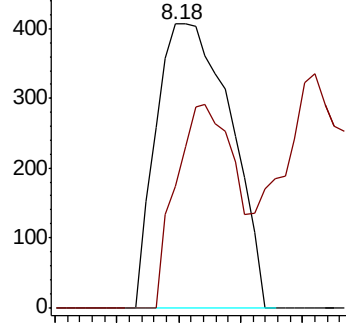
75 100

77 42.5 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.713 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041734.D

Acq: 22 Dec 2020 12:15

Tgt Ion: 43 Resp: 14870

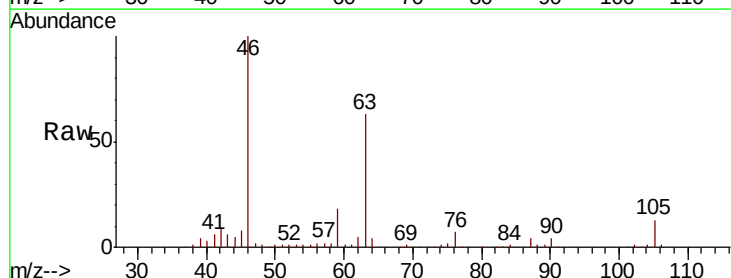
Ion Ratio Lower Upper

43 100

58 32.4 47.9 71.9#

57 36.3 16.5 24.7#

100 0.6 9.4 14.2#

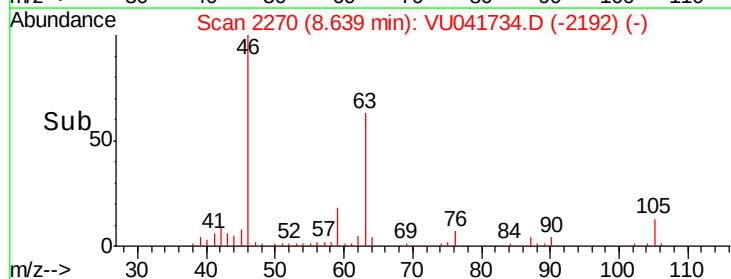
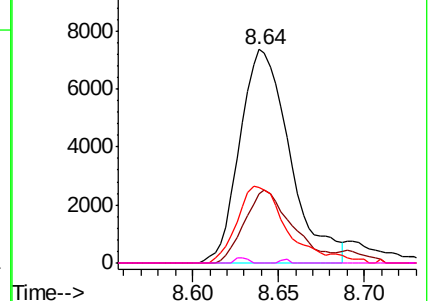


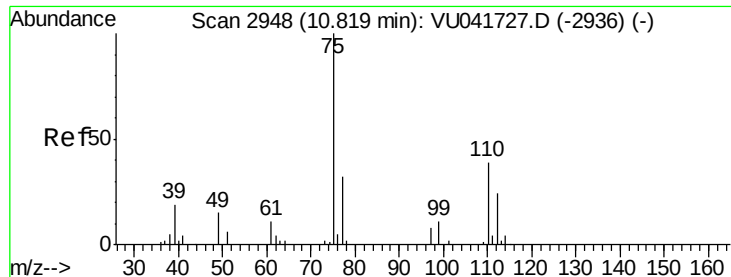
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.762 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041734.D

Acq: 22 Dec 2020 12:15

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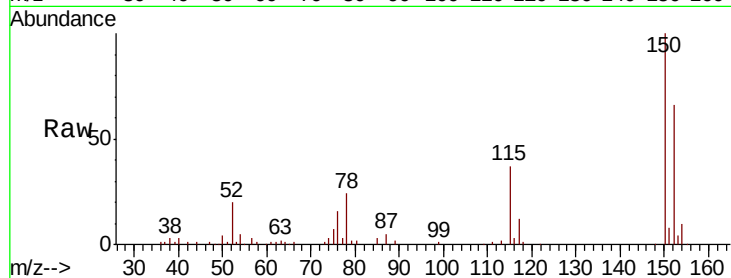
GB1T7

Tot Ion: 75 Resp: 6060

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

