

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040587.D
 Acq On : 09 Oct 2020 16:29
 Operator : SY/MD
 Sample : L4239-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 10 04:22:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62689	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51162	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	41557	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	77133	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.66	46	189962	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	5.08	84	92839	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	58343	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.75	84	182504	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	61028	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	146637	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	24418	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	133914	48.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51156	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	59717	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

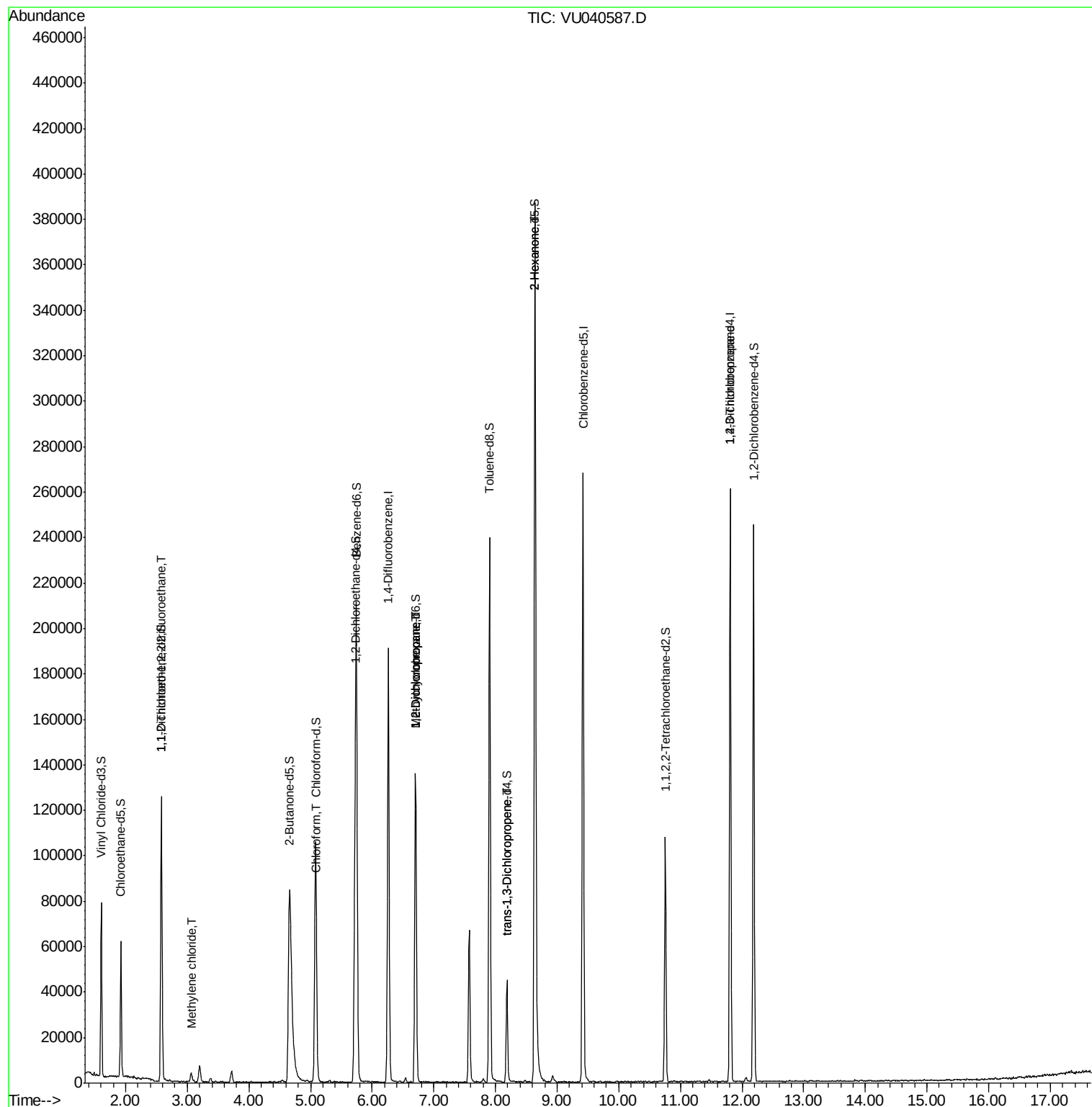
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	726	0.061	ug/L #	20
16) Methylene chloride	3.06	84	1620	0.124	ug/L #	70
25) Chloroform	5.11	83	2308	0.102	ug/L	94
35) Methylcyclohexane	6.70	83	14017	0.839	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6950	0.549	ug/L #	87
44) trans-1,3-Dichloropropene	8.19	75	1300	0.082	ug/L #	63
48) 2-Hexanone	8.64	43	18785	2.498	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	8567	0.921	ug/L	95

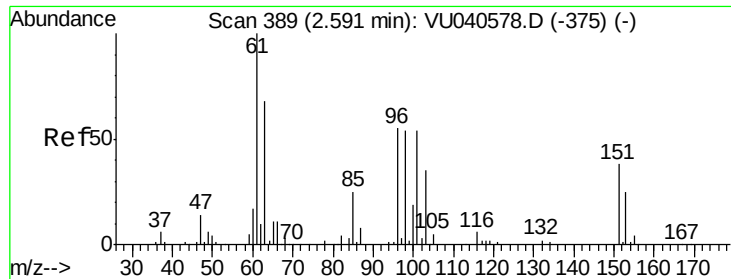
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.061 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040587.D

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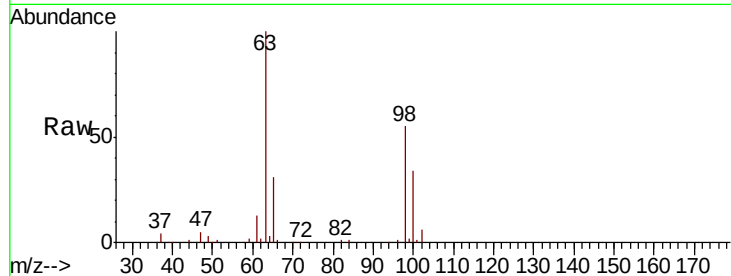
Tot Ion:101 Resp: 726

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

600

500

400

300

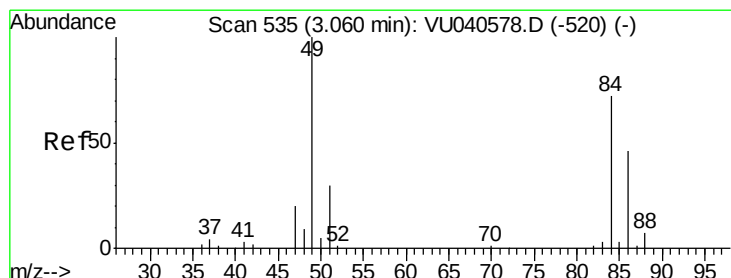
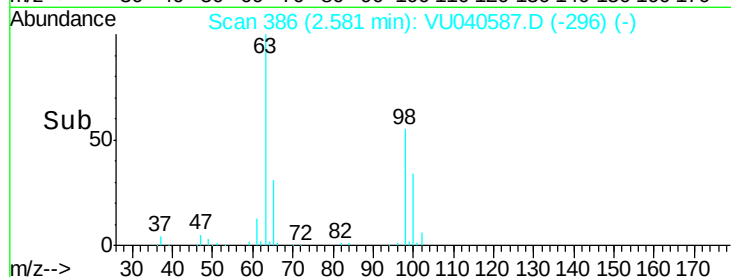
200

100

0

2.54 2.56 2.58 2.60 2.62

Time-->



#16

Methylene chloride

Concen: 0.124 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040587.D

Acq: 09 Oct 2020 16:29

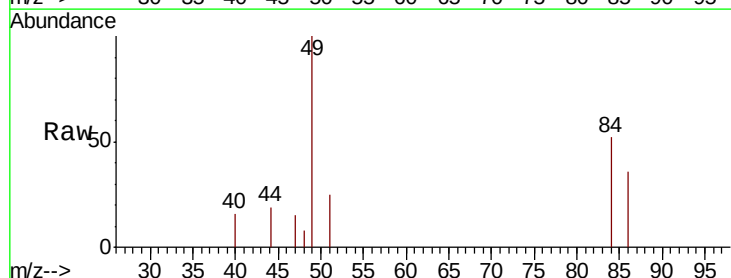
Tgt Ion: 84 Resp: 1620

Ion Ratio Lower Upper

84 100

86 68.8 45.4 84.4

49 193.4 99.8 185.3#



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

2000

1500

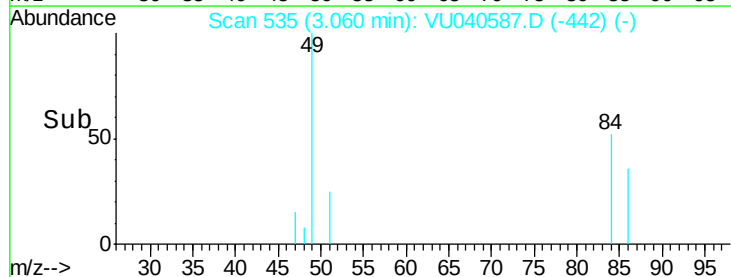
1000

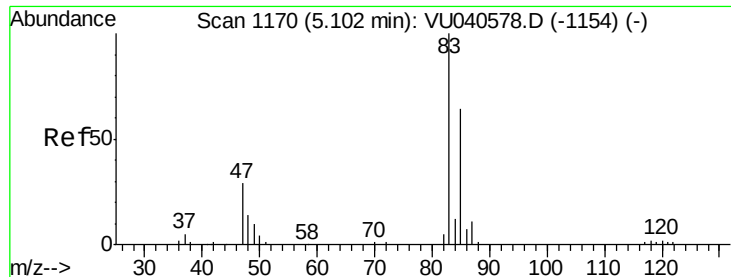
500

0

3.05 3.10

Time-->

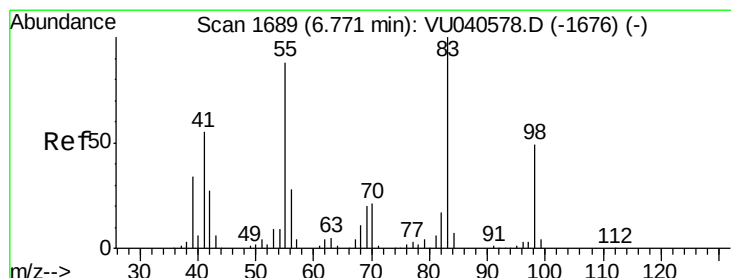
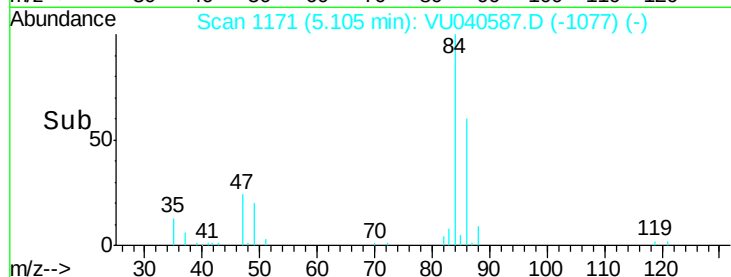
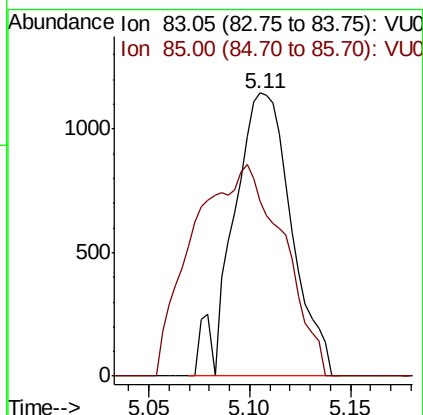
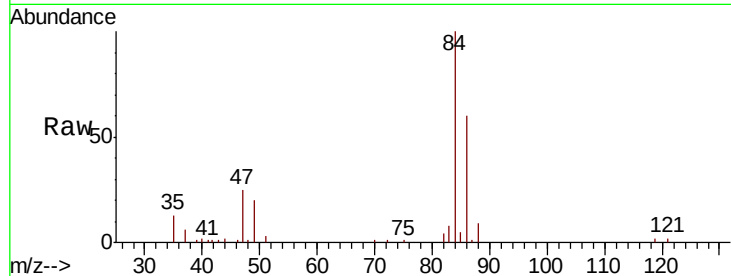




#25
Chloroform
Concen: 0.102 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040587.D
Acq: 09 Oct 2020 16:29

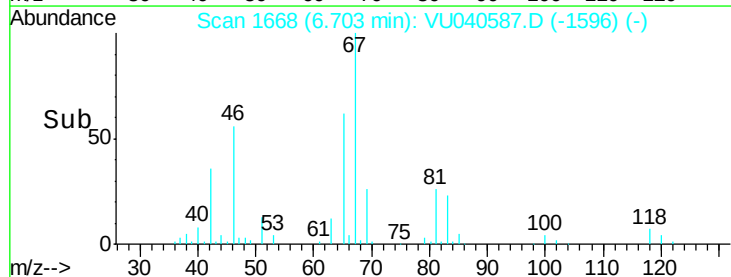
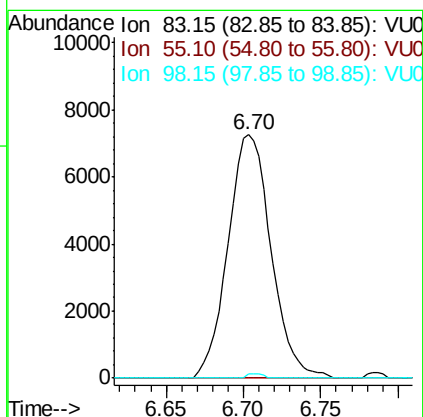
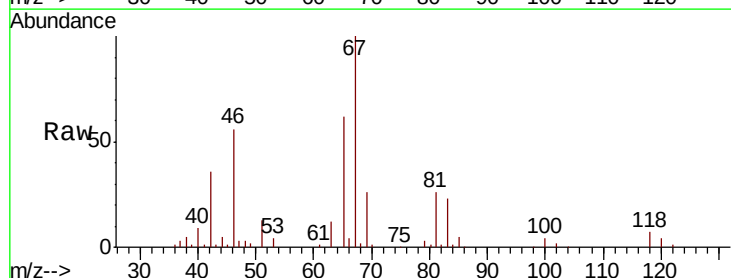
Instrument :
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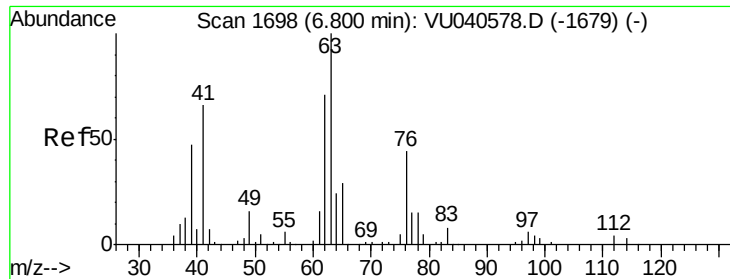
Tot Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
85 61.8 46.5 86.5



#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040587.D
Acq: 09 Oct 2020 16:29

Tgt Ion: 83 Resp: 14017
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.7 38.4 57.6#

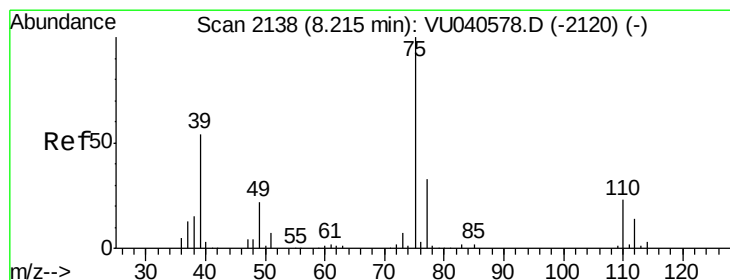
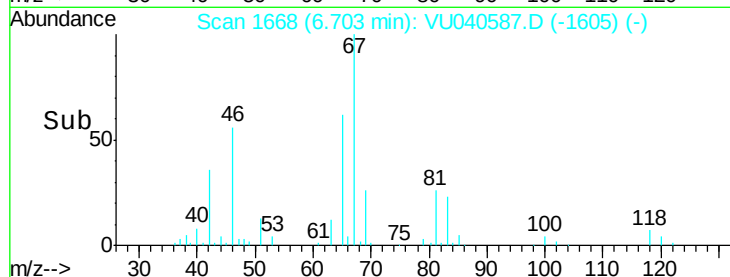
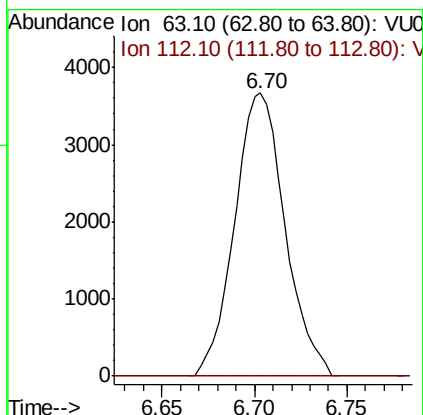
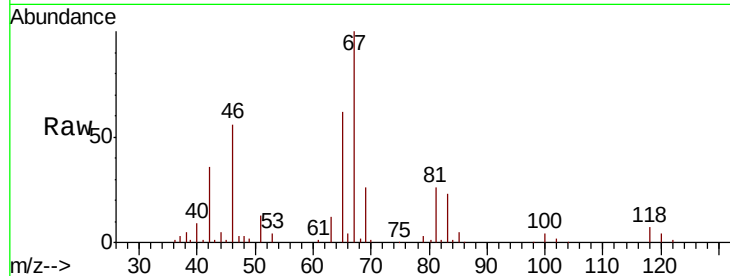




#37
 1,2-Dichloropropane
 Concen: 0.549 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040587.D
 Acq: 09 Oct 2020 16:29

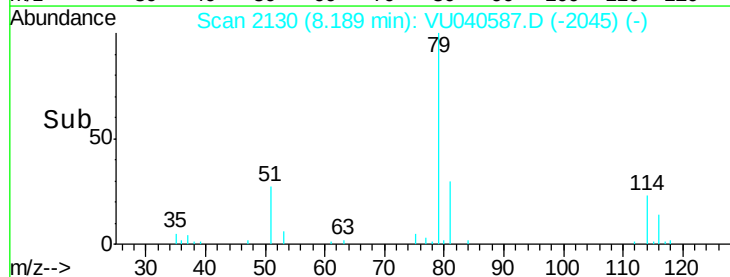
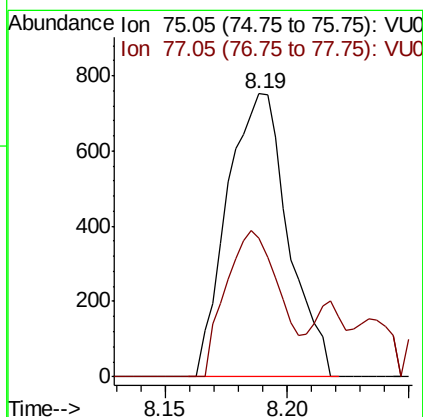
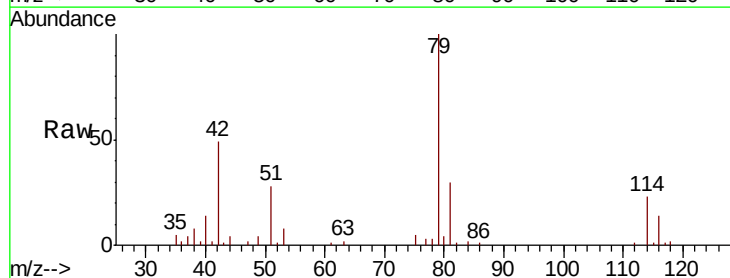
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

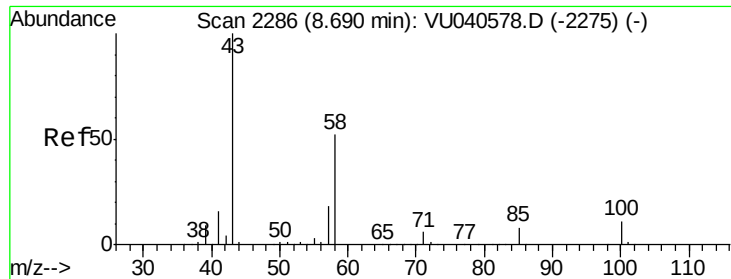
Tot Ion: 63 Resp: 6950
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040587.D
 Acq: 09 Oct 2020 16:29

Tgt Ion: 75 Resp: 1300
 Ion Ratio Lower Upper
 75 100
 77 49.1 20.4 38.0#

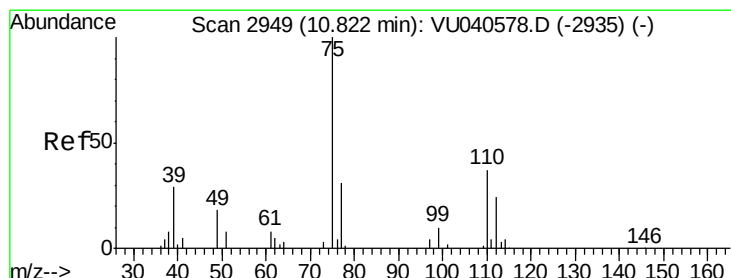
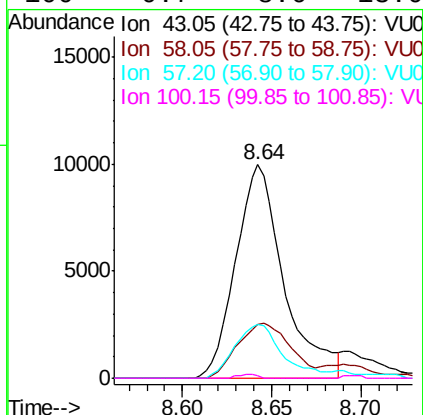
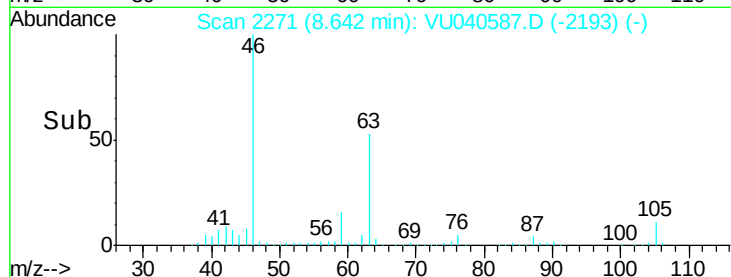
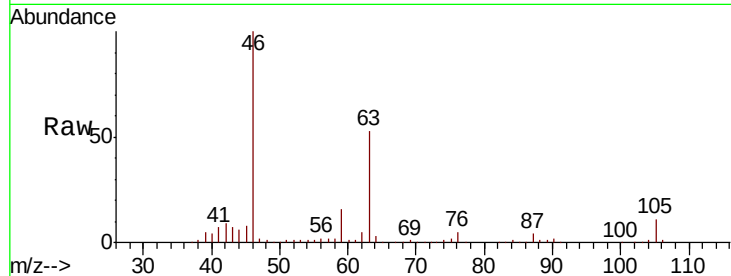




#48
2-Hexanone
Concen: 2.498 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040587.D
Acq: 09 Oct 2020 16:29

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 18785
Ion Ratio Lower Upper
43 100
58 28.3 41.0 61.6#
57 25.0 14.4 21.6#
100 0.7 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040587.D
Acq: 09 Oct 2020 16:29

Tgt Ion: 75 Resp: 8567
Ion Ratio Lower Upper
75 100
77 35.8 26.4 39.6

