

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040575.D
 Acq On : 08 Oct 2020 20:36
 Operator : SY/MD
 Sample : L4286-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 09 02:06:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:55:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139497	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60461	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	57967	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.92	69	46267	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.58	63	85495	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.66	46	192538	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	5.08	84	100275	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	63473	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	192502	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	65059	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.91	98	161212	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	25375	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	137044	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54321	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	63017	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

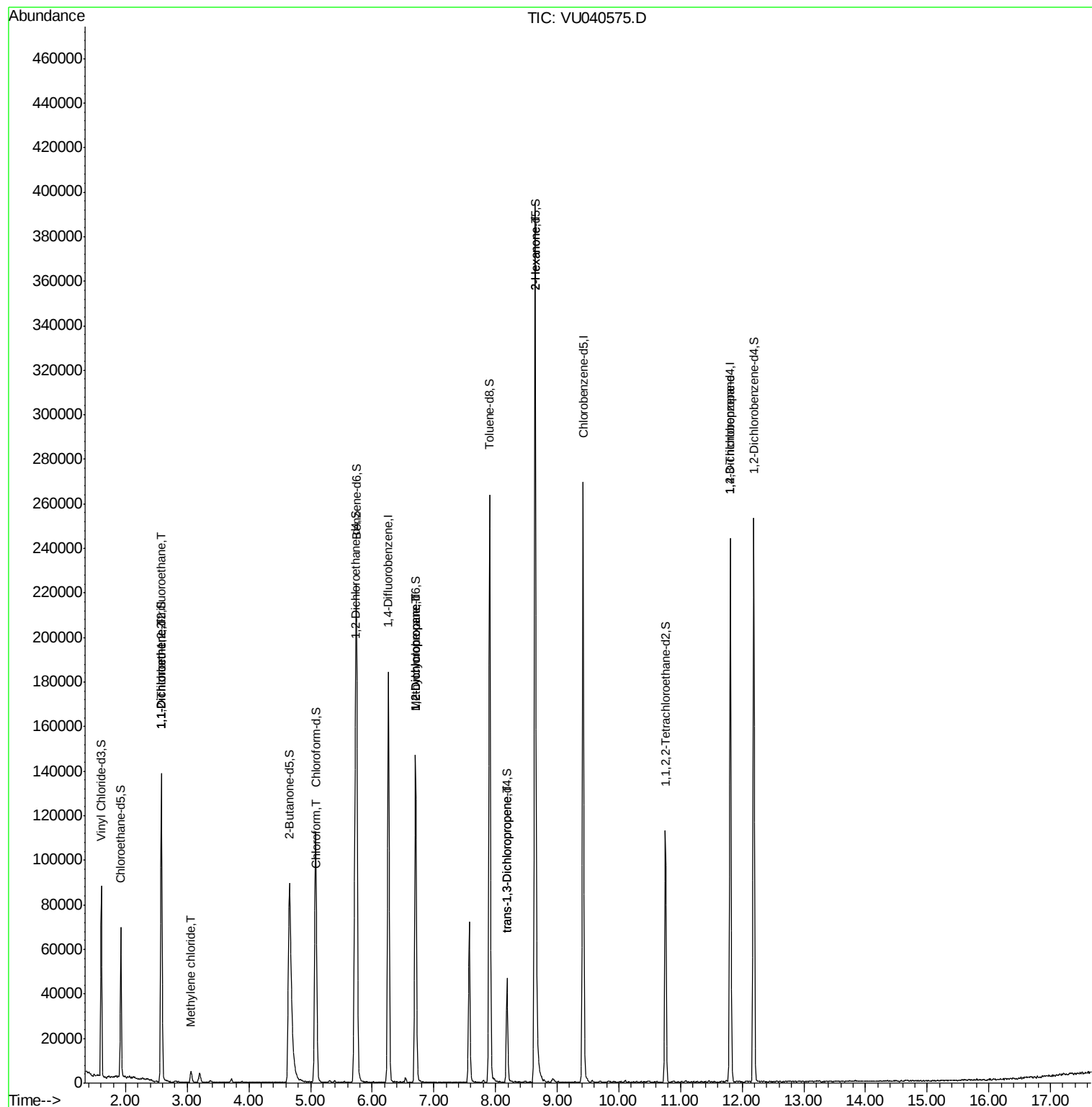
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	659	0.058	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	801	0.082	ug/L #	1
16) Methylene chloride	3.06	84	2393	0.191	ug/L	73
25) Chloroform	5.11	83	1974	0.092	ug/L	77
35) Methylcyclohexane	6.70	83	14857	0.902	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7539	0.604	ug/L #	87
44) trans-1,3-Dichloropropene	8.19	75	1307	0.083	ug/L #	59
48) 2-Hexanone	8.64	43	18448	2.489	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	8227	0.897	ug/L	98

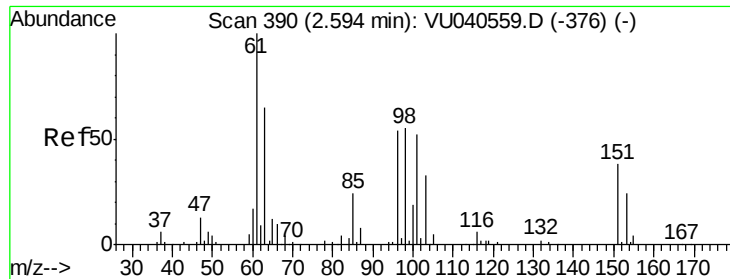
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 01:55:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.058 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040575.D

Acq: 08 Oct 2020 20:36

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

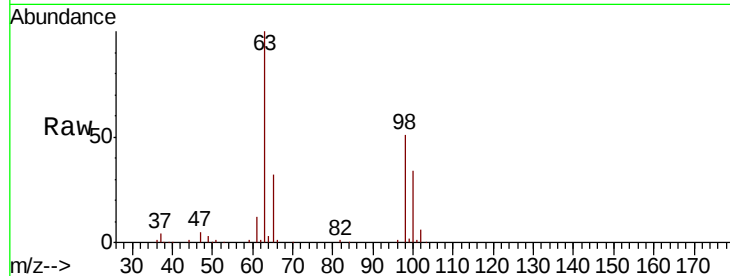
Tot Ion:101 Resp: 659

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

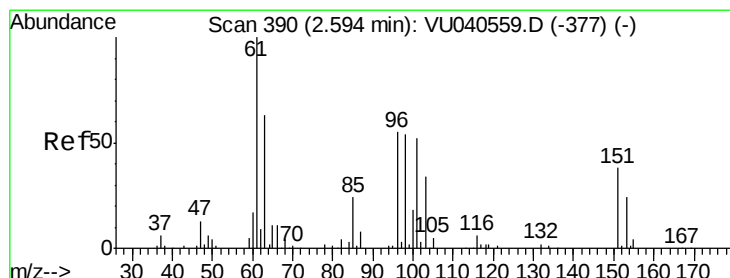
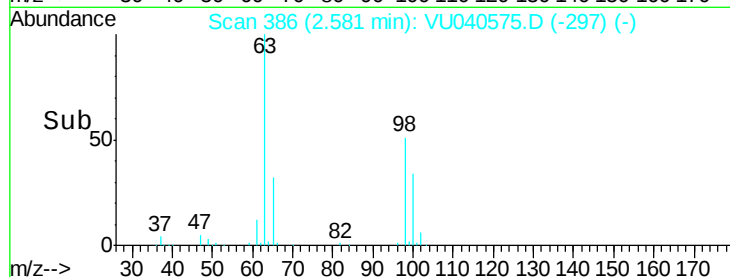
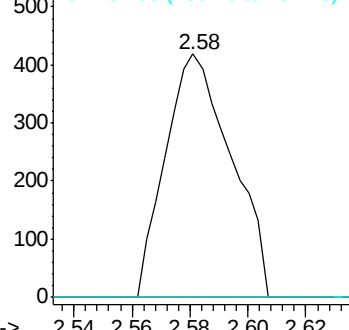
151 0.0 58.0 87.0#



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



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040575.D

Acq: 08 Oct 2020 20:36

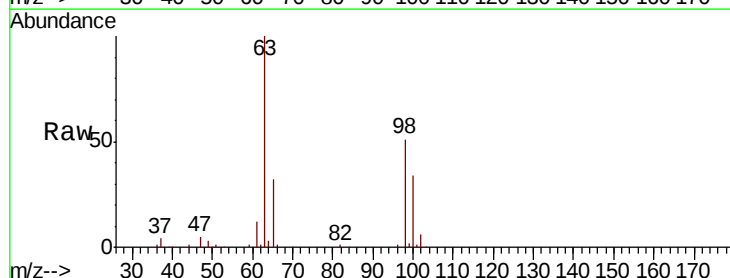
Tgt Ion: 96 Resp: 801

Ion Ratio Lower Upper

96 100

61 1182.3 128.8 239.2#

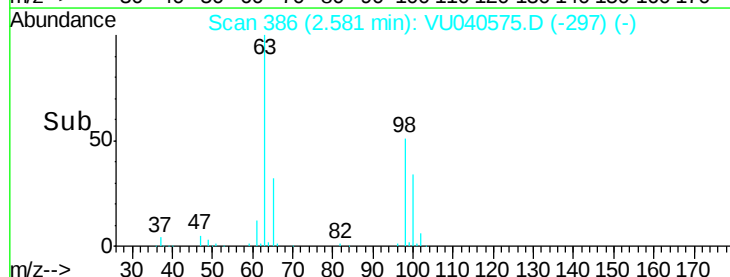
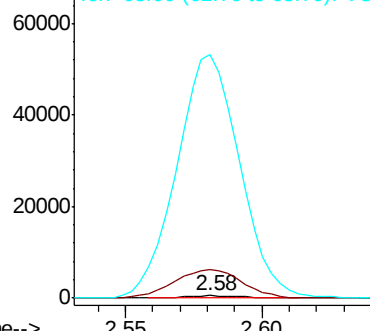
63 10136.4 84.6 157.2#

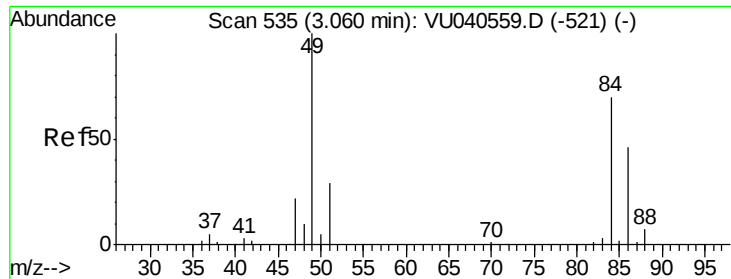


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

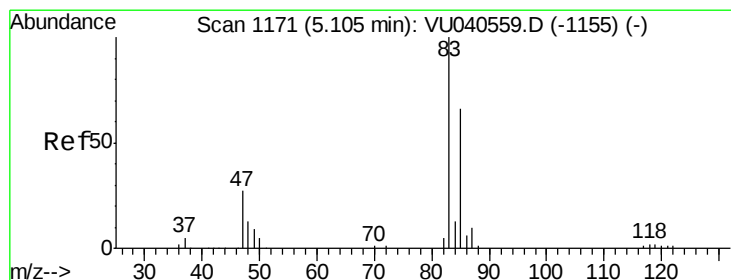
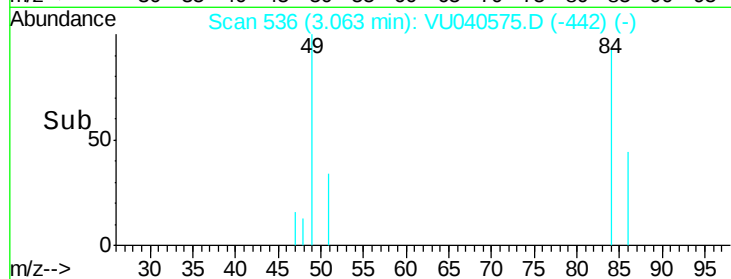
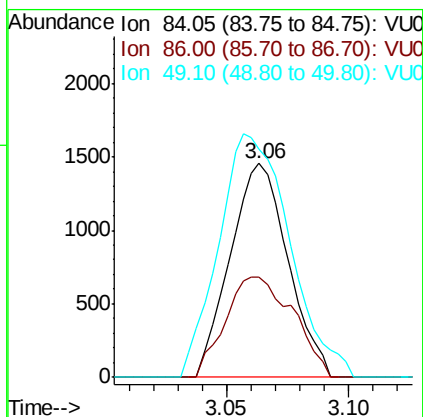
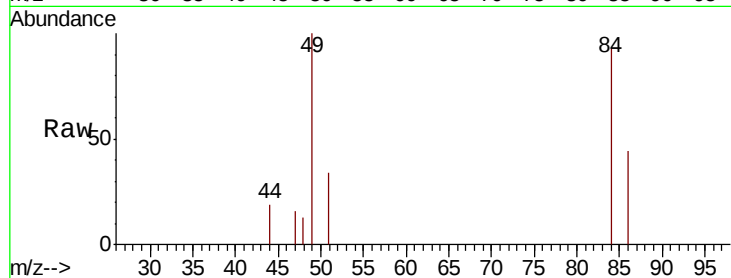




#16
Methvlene chloride
Concen: 0.191 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040575.D
Acq: 08 Oct 2020 20:36

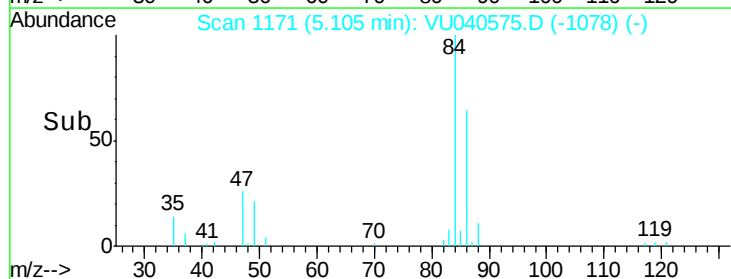
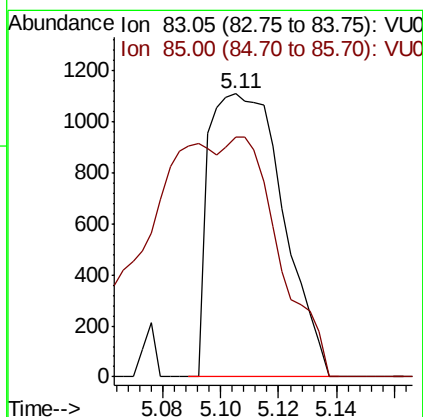
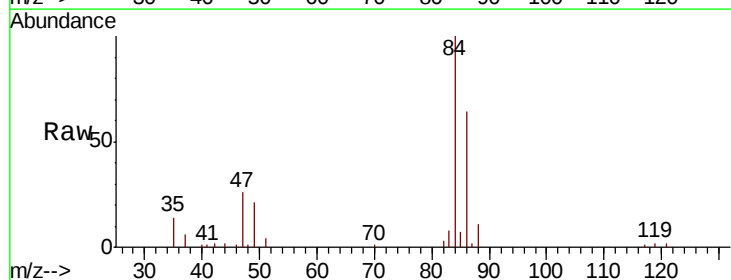
Instrument :
MSVOA_U
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VHBLK01

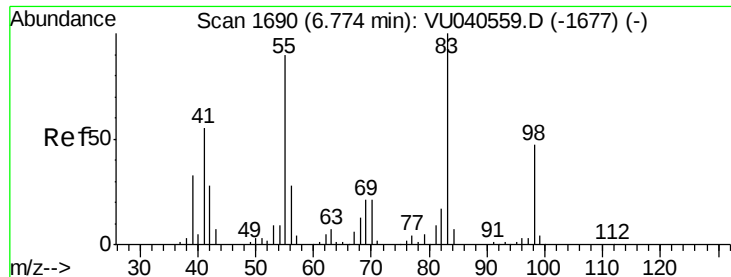
Tot Ion: 84 Resp: 2393
Ion Ratio Lower Upper
84 100
86 46.7 45.4 84.4
49 107.0 99.8 185.3



#25
Chloroform
Concen: 0.092 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040575.D
Acq: 08 Oct 2020 20:36

Tgt Ion: 83 Resp: 1974
Ion Ratio Lower Upper
83 100
85 84.8 46.5 86.5

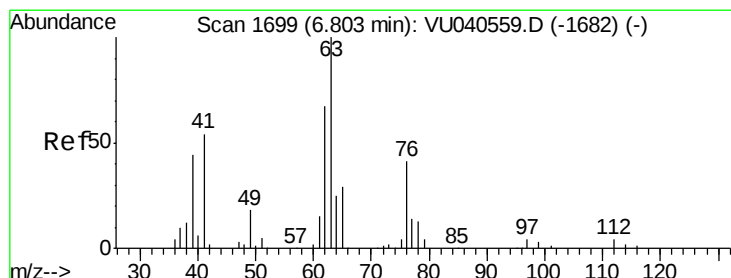
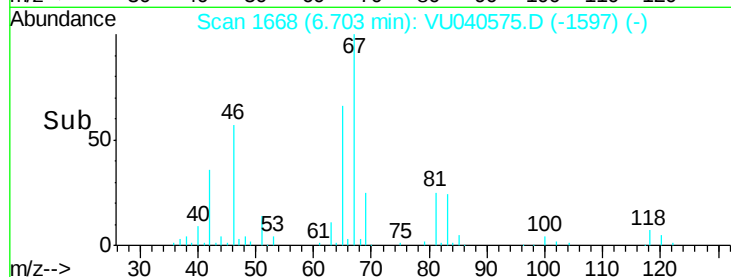
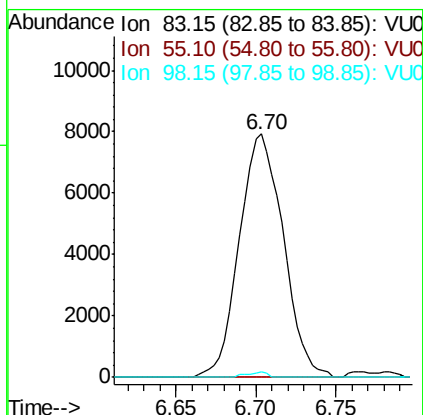
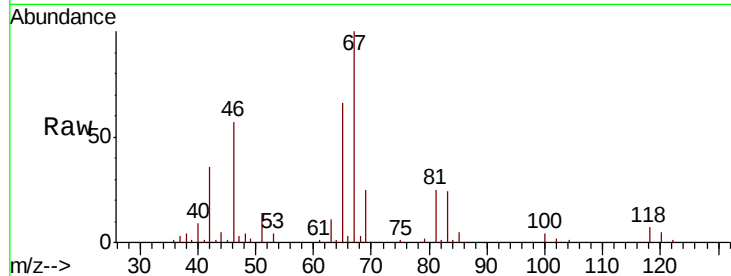




#35
Methvlcvclohexane
Concen: 0.902 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040575.D
Acq: 08 Oct 2020 20:36

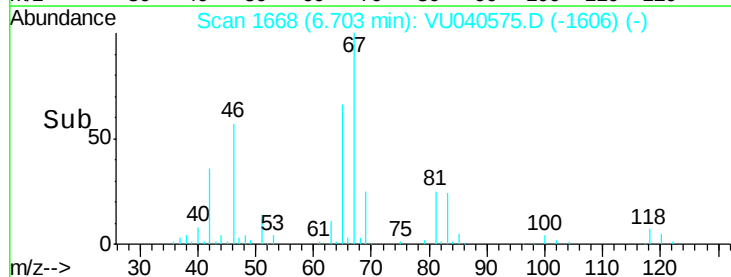
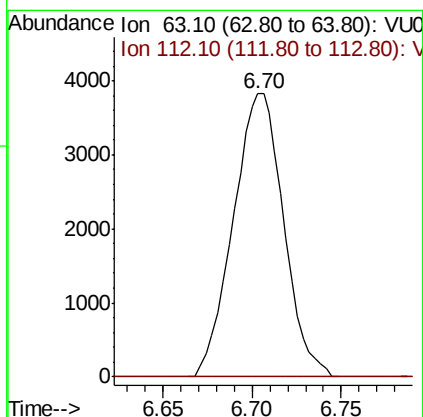
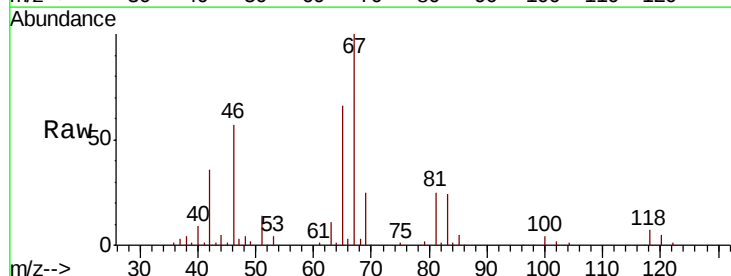
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

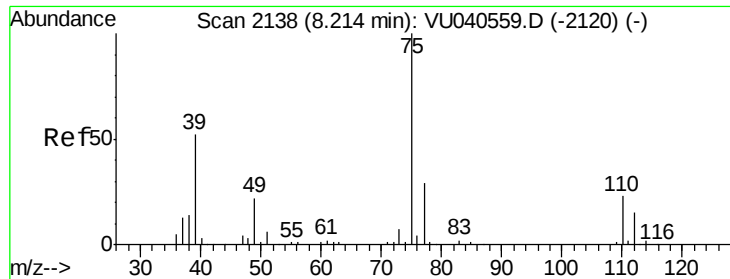
Tot Ion: 83 Resp: 14857
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.0 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040575.D
Acq: 08 Oct 2020 20:36

Tgt Ion: 63 Resp: 7539
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

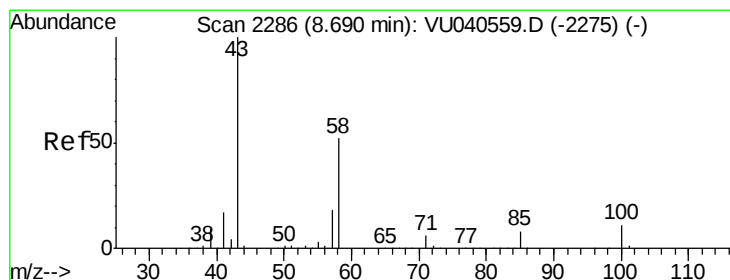
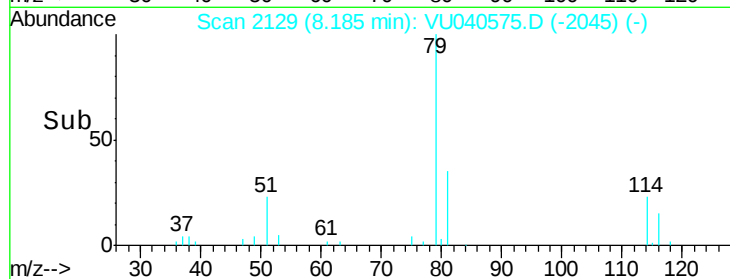
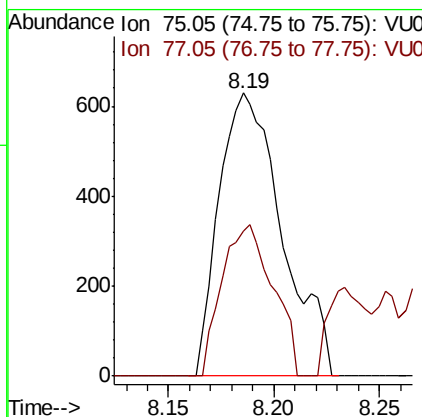
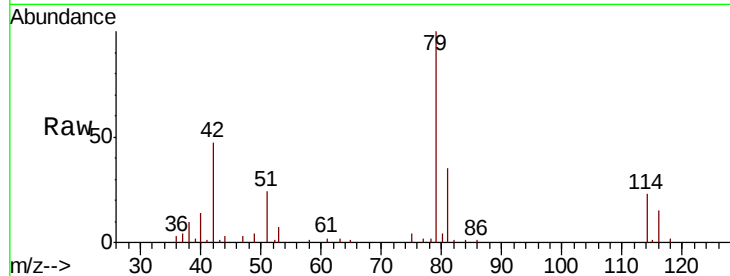




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040575.D
Acq: 08 Oct 2020 20:36

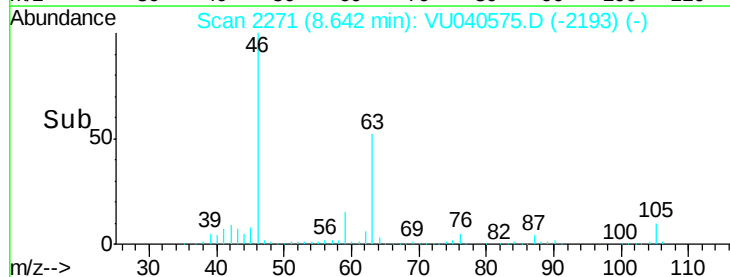
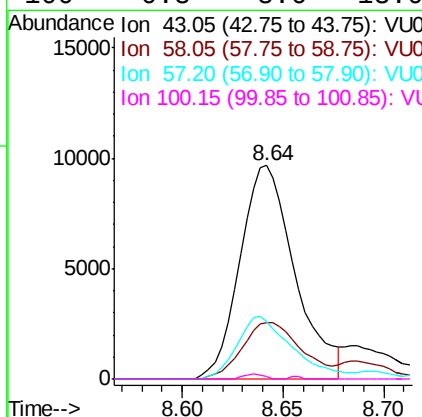
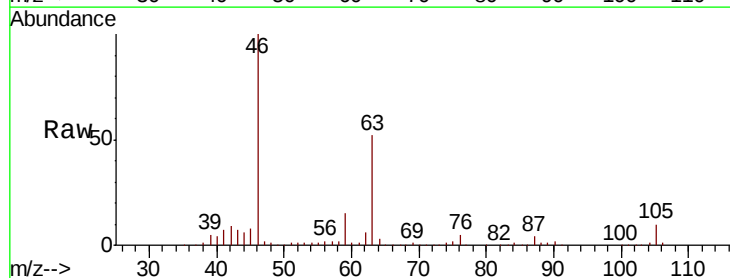
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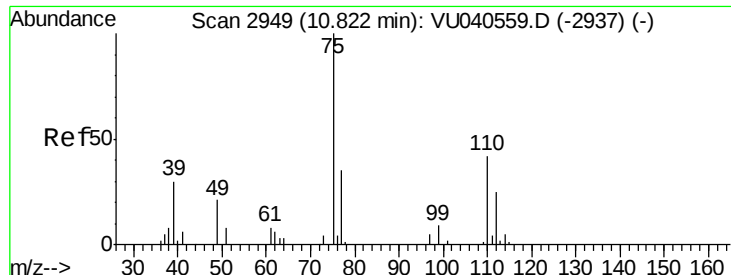
Tot Ion: 75 Resp: 1307
Ion Ratio Lower Upper
75 100
77 51.2 20.4 38.0#



#48
2-Hexanone
Concen: 2.489 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040575.D
Acq: 08 Oct 2020 20:36

Tgt Ion: 43 Resp: 18448
Ion Ratio Lower Upper
43 100
58 28.3 41.0 61.6#
57 29.6 14.4 21.6#
100 0.8 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.897 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040575.D

Acq: 08 Oct 2020 20:36

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 8227

Ion Ratio Lower Upper

75 100

77 34.3 26.4 39.6

