

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041627.D
 Acq On : 15 Dec 2020 10:32
 Operator : SY/MD
 Sample : VU1215WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK05

Quant Time: Dec 16 02:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 02:41:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45915	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.92	69	39221	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.58	63	66160	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.66	46	142105	52.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	5.08	84	79804	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.71	65	48399	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	162291	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	51579	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.90	98	139069	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.18	79	21994	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	125182	48.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48384	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	54472	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

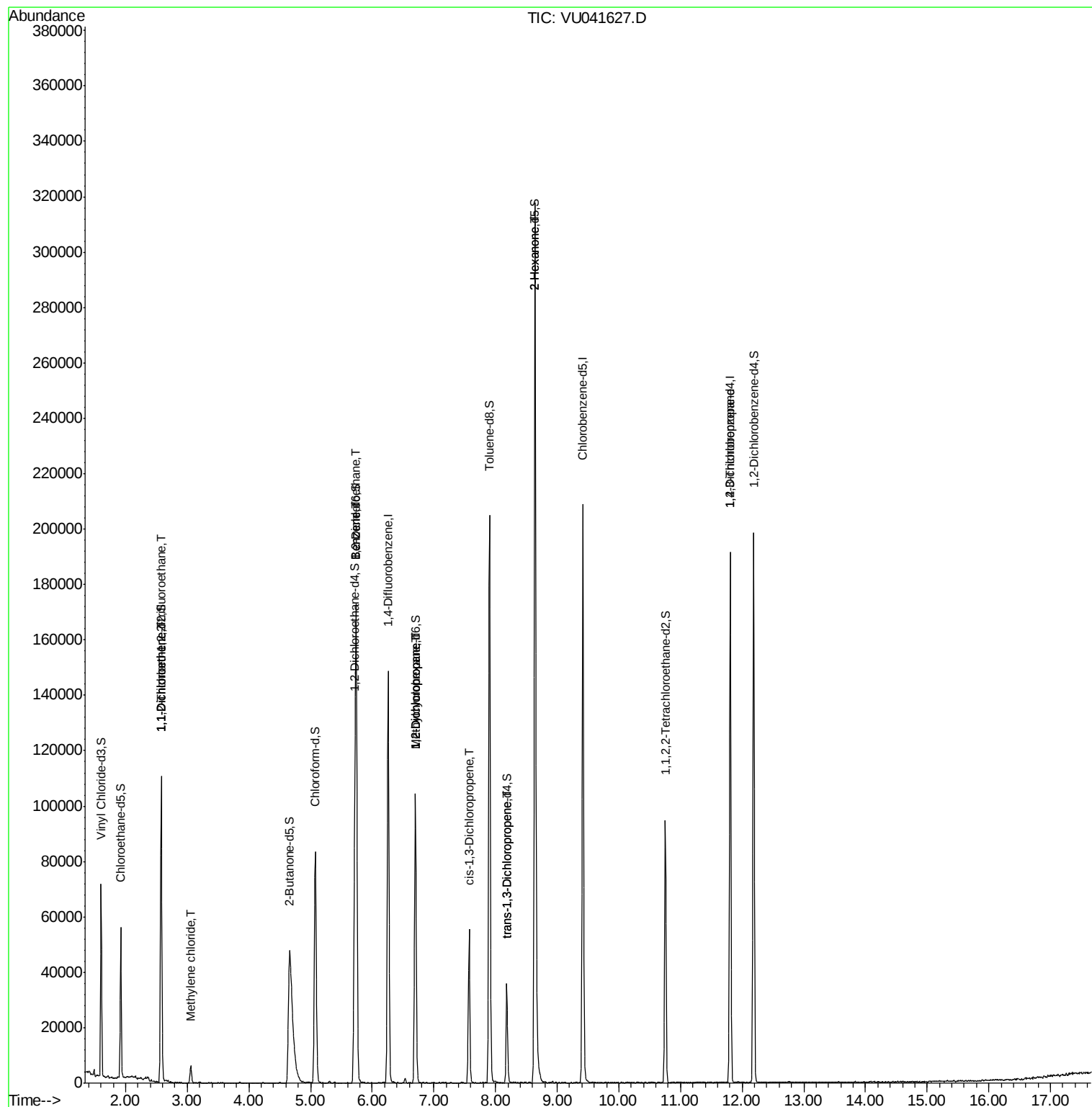
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	540	0.065 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	511	0.062 ug/L #	1
16) Methylene chloride	3.06	84	3311	0.336 ug/L	97
27) 1,2-Dichloroethane	5.74	62	927	0.085 ug/L #	73
33) Benzene	5.74	78	1330	0.035 ug/L	100
35) Methylcyclohexane	6.70	83	11886	0.775 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5367	0.556 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1352	0.094 ug/L #	25
44) trans-1,3-Dichloropropene	8.19	75	961	0.075 ug/L #	65
48) 2-Hexanone	8.64	43	13743	2.747 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	5526	0.762 ug/L	95

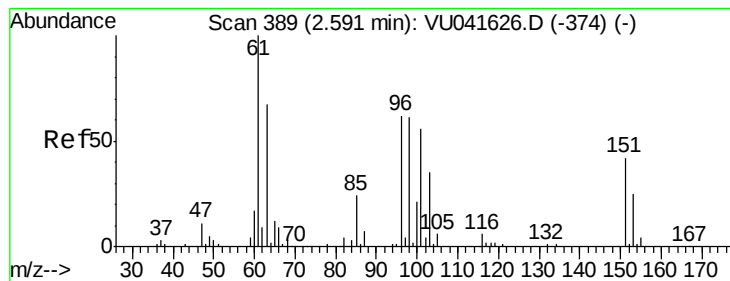
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration





#10

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

Concen: 0.065 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041627.D

Acq: 15 Dec 2020 10:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK05

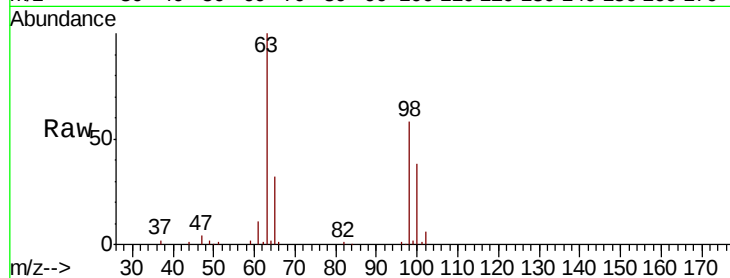
Tot Ion:101 Resp: 540

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

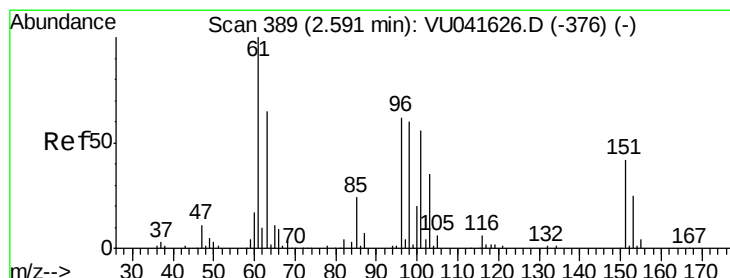
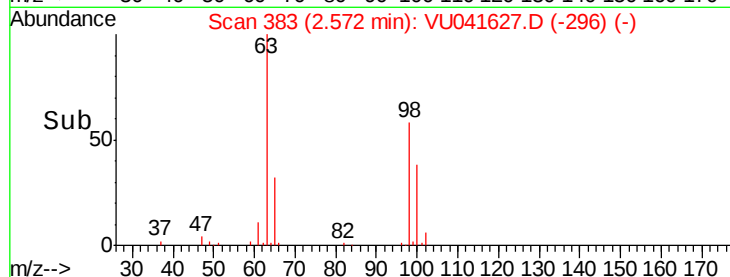
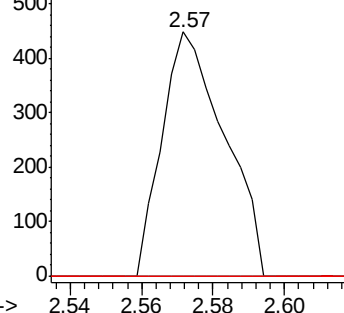
151 0.0 56.2 84.4#



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: 0.062 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041627.D

Acq: 15 Dec 2020 10:32

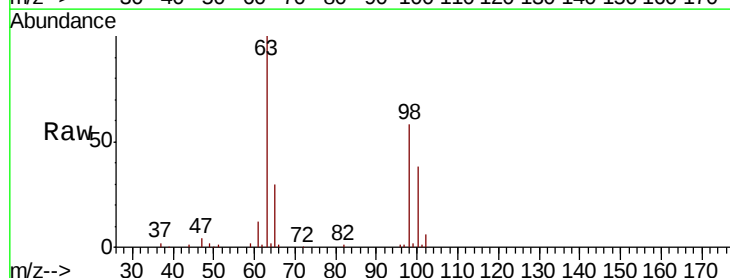
Tgt Ion: 96 Resp: 511

Ion Ratio Lower Upper

96 100

61 1383.9 123.8 230.0#

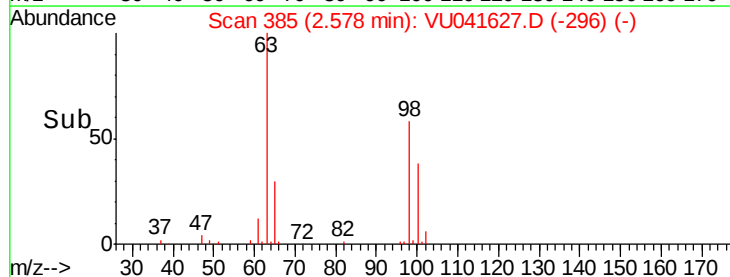
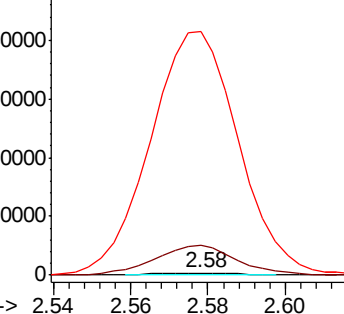
63 11335.5 81.0 150.4#

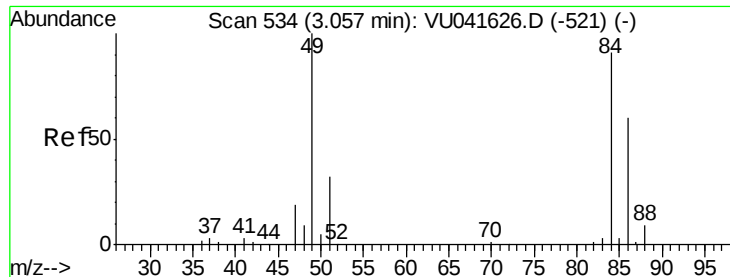


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

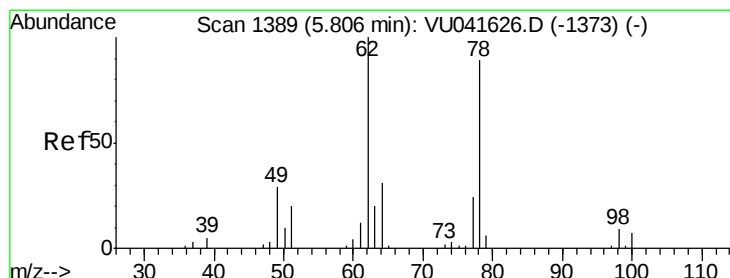
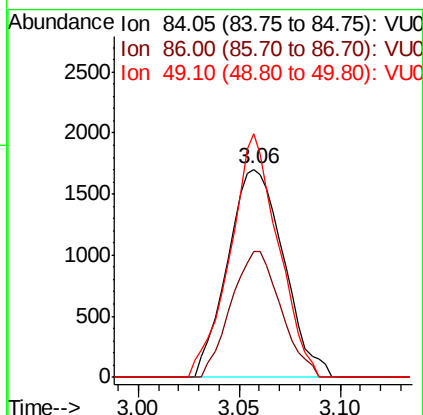
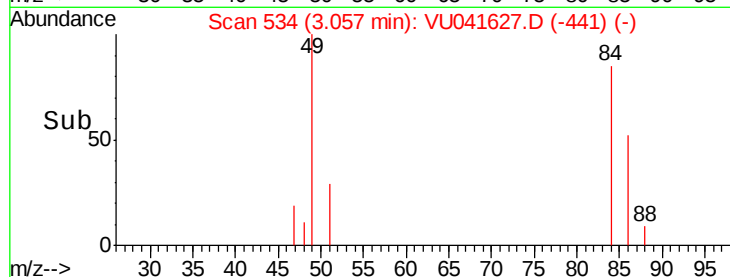
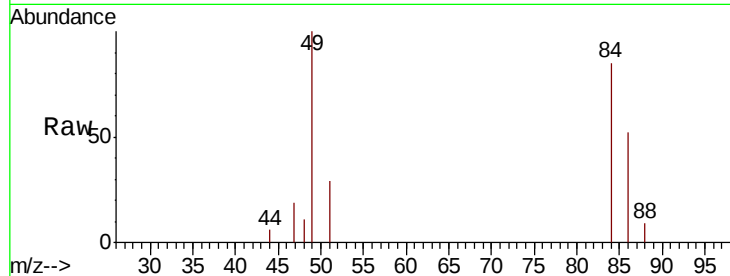




#16
Methylene chloride
Concen: 0.336 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.00 min
Lab File: VU041627.D
Acq: 15 Dec 2020 10:32

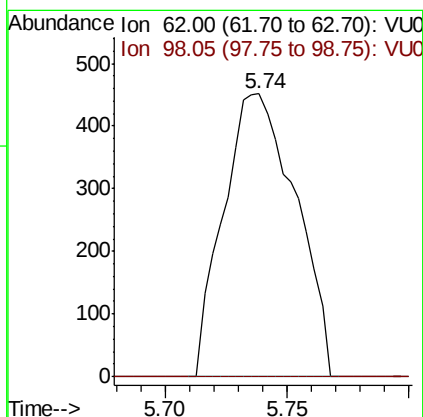
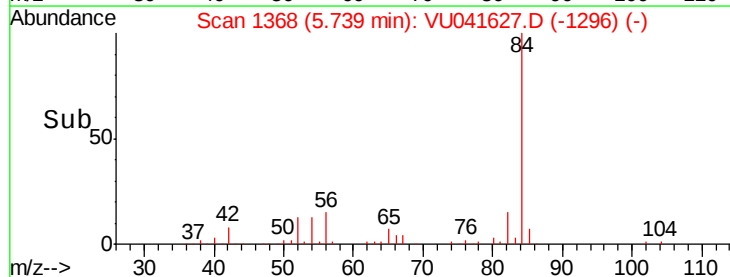
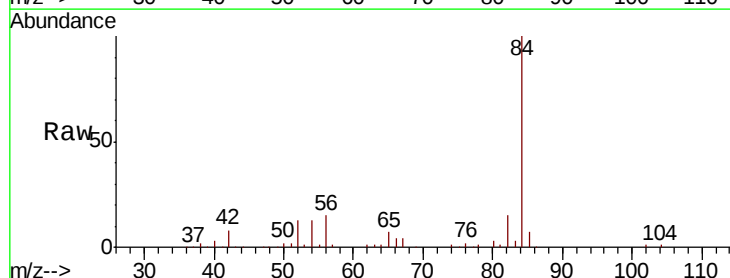
Instrument :
MSVOA_U
ClientSampleId :
VBLK05

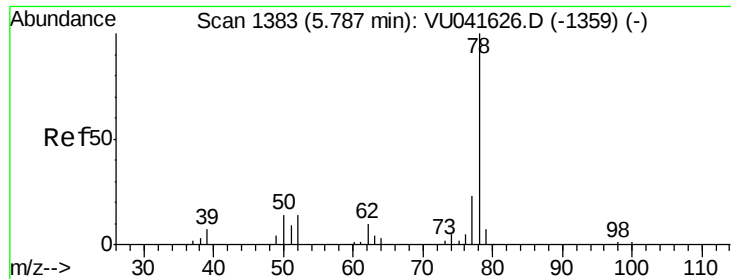
Tot Ion: 84 Resp: 3311
Ion Ratio Lower Upper
84 100
86 60.3 45.1 83.7
49 117.0 83.1 154.3



#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041627.D
Acq: 15 Dec 2020 10:32

Tgt Ion: 62 Resp: 927
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#33

Benzene

Concen: 0.035 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VU041627.D

Acq: 15 Dec 2020 10:32

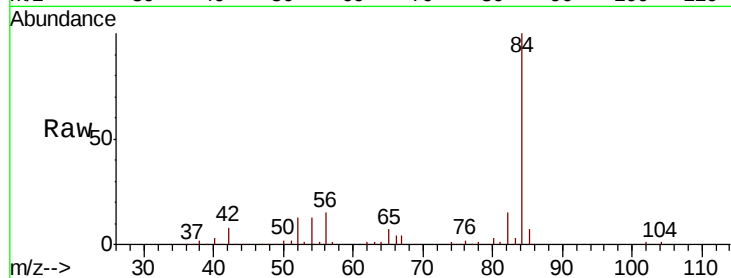
Instrument :

MSVOA_U

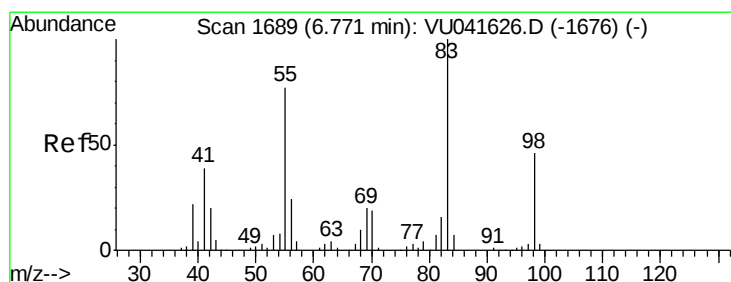
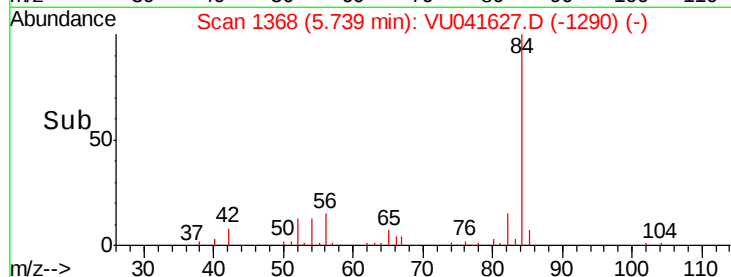
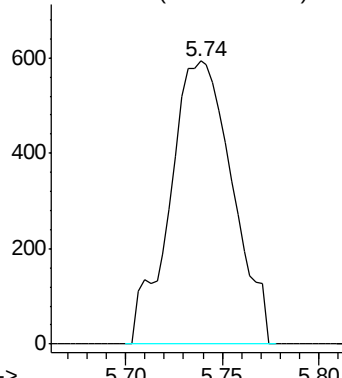
ClientSampleId :

VBLK05

Tgt Ion: 78 Resp: 1330



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.70 min Scan# 1667

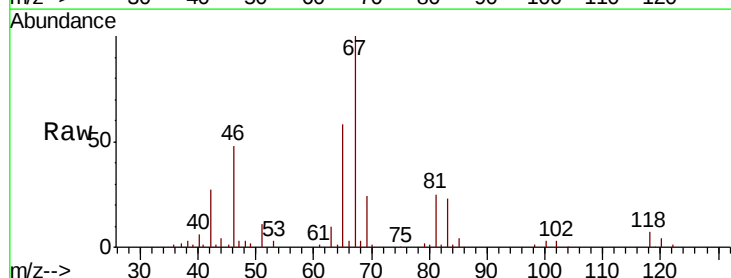
Delta R.T. -0.07 min

Lab File: VU041627.D

Acq: 15 Dec 2020 10:32

Tgt Ion: 83 Resp: 11886

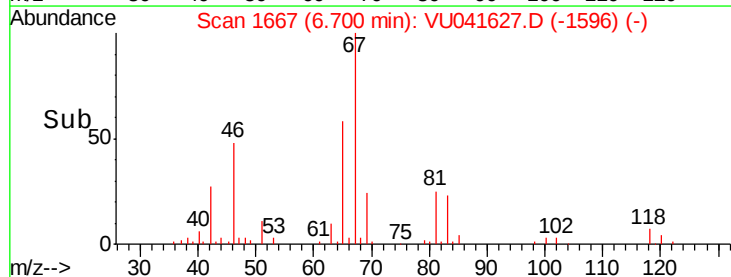
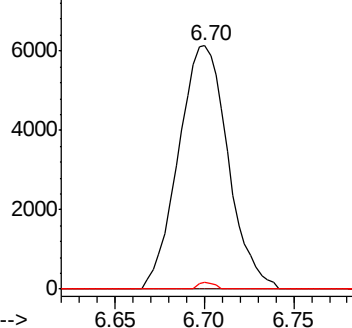
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.9	36.6	54.8#

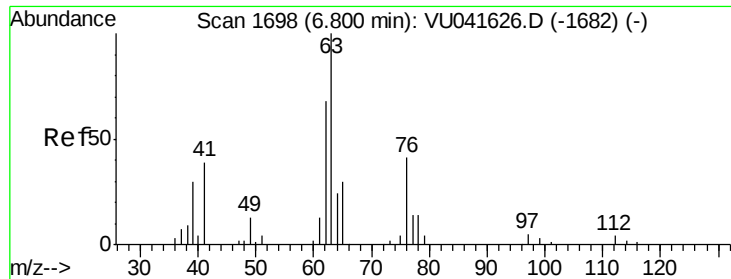


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

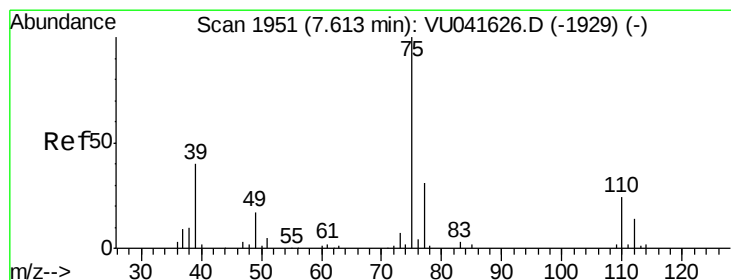
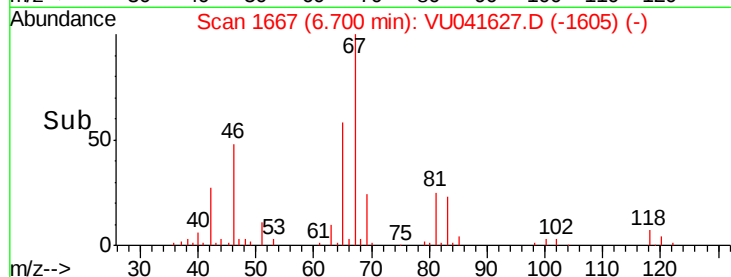
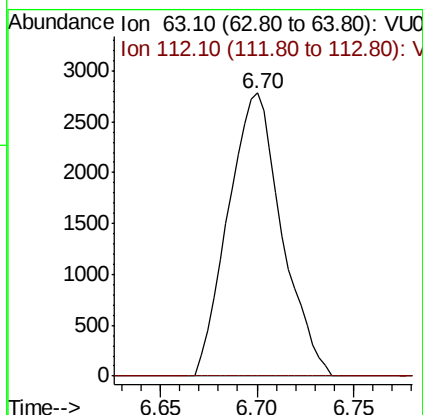
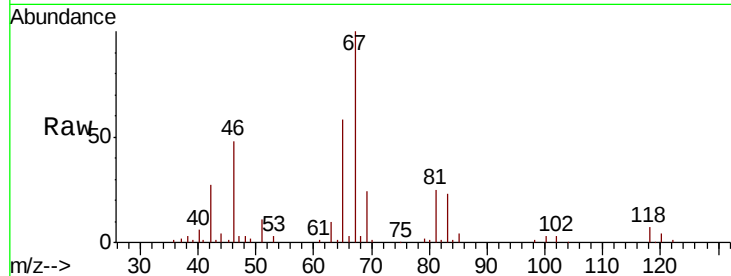




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041627.D
 Acq: 15 Dec 2020 10:32

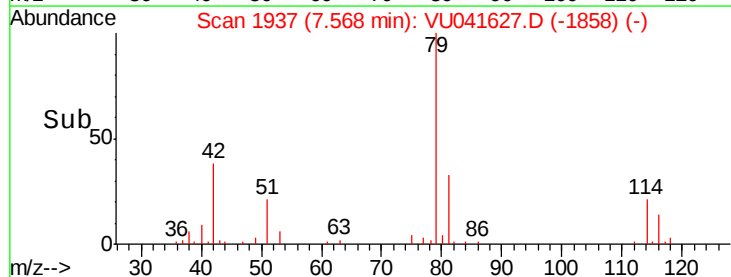
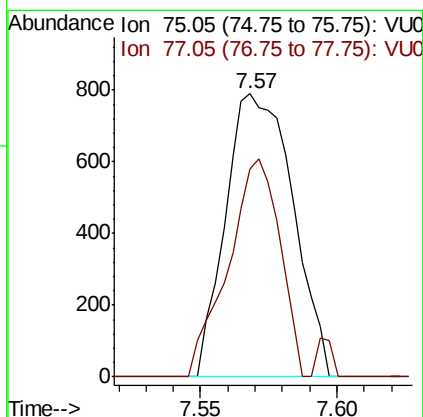
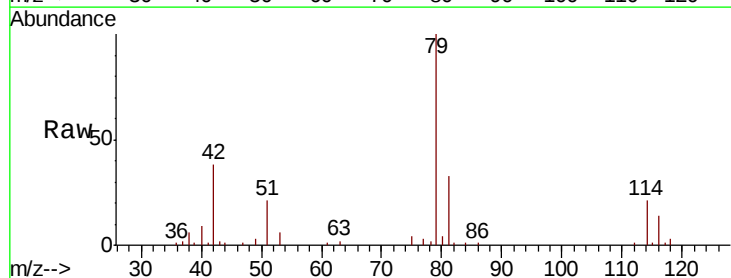
Instrument :
 MSVOA_U
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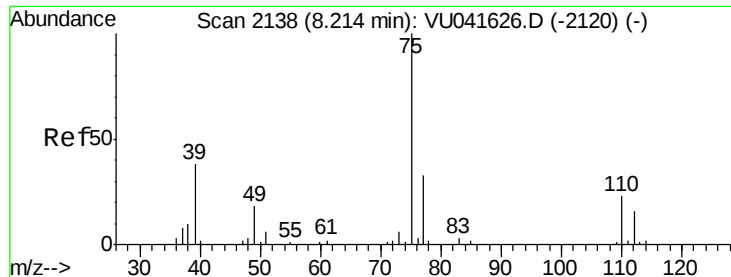
Tot Ion: 63 Resp: 5367
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041627.D
 Acq: 15 Dec 2020 10:32

Tgt Ion: 75 Resp: 1352
 Ion Ratio Lower Upper
 75 100
 77 73.4 22.3 41.3#

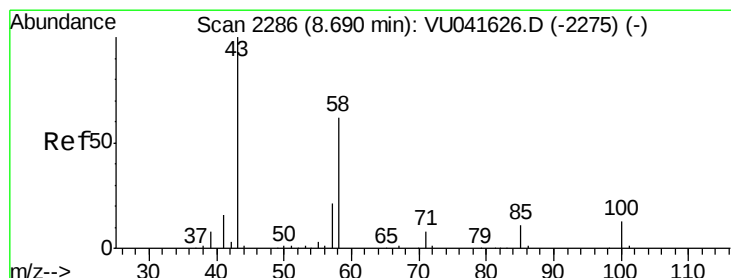
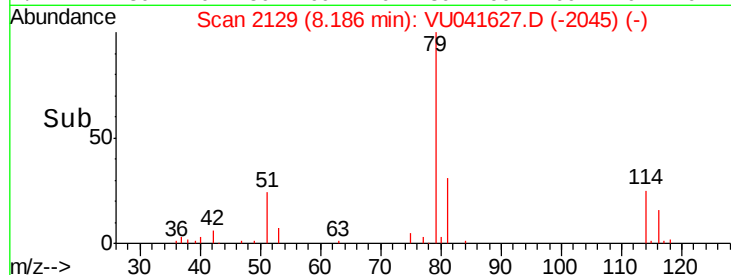
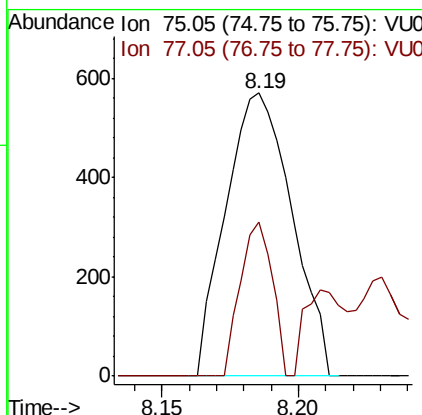
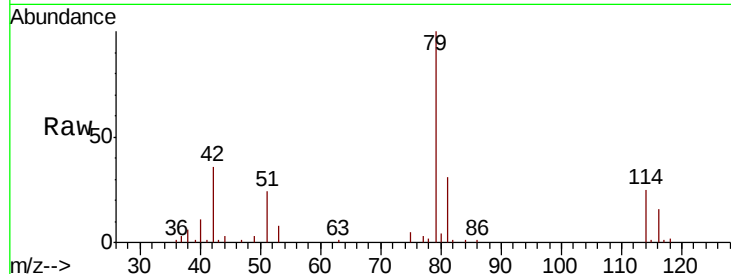




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041627.D
Acq: 15 Dec 2020 10:32

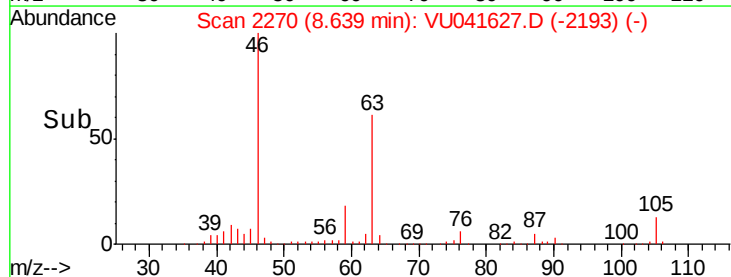
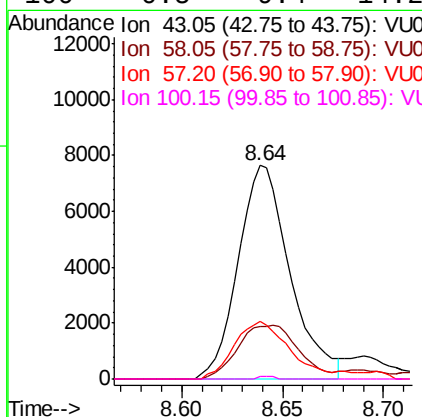
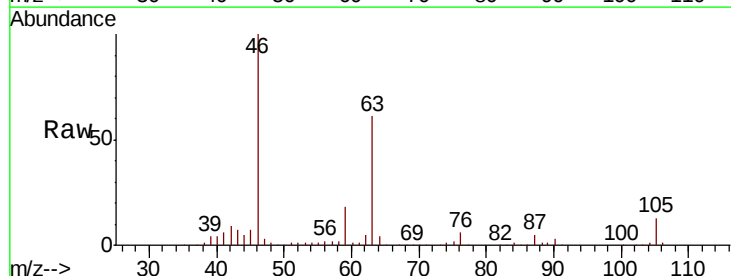
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MSVOA_U
ClientSampleId :
VBLK05

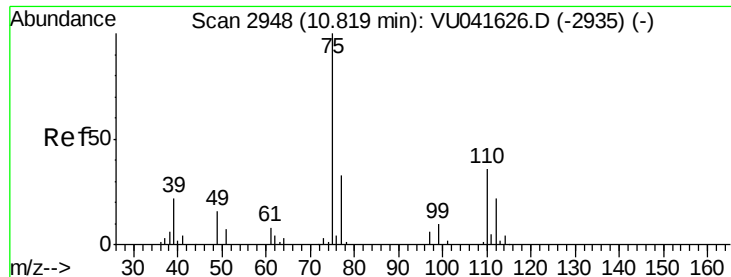
Tot Ion: 75 Resp: 961
Ion Ratio Lower Upper
75 100
77 54.3 23.8 44.2#



#48
2-Hexanone
Concen: 2.747 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041627.D
Acq: 15 Dec 2020 10:32

Tgt Ion: 43 Resp: 13743
Ion Ratio Lower Upper
43 100
58 29.3 47.9 71.9#
57 30.3 16.5 24.7#
100 0.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.762 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041627.D

Acq: 15 Dec 2020 10:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK05

Tot Ion: 75 Resp: 5526

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

