

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041628.D
 Acq On : 15 Dec 2020 10:59
 Operator : SY/MD
 Sample : L5027-07 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H8

Quant Time: Dec 16 02:44:57 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	115511	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32728	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.92	69	34184	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	53601	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	143181	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	5.08	84	77736	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	46832	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.74	84	152531	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	50317	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.90	98	130954	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.18	79	20734	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	114137	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48857	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	49010	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

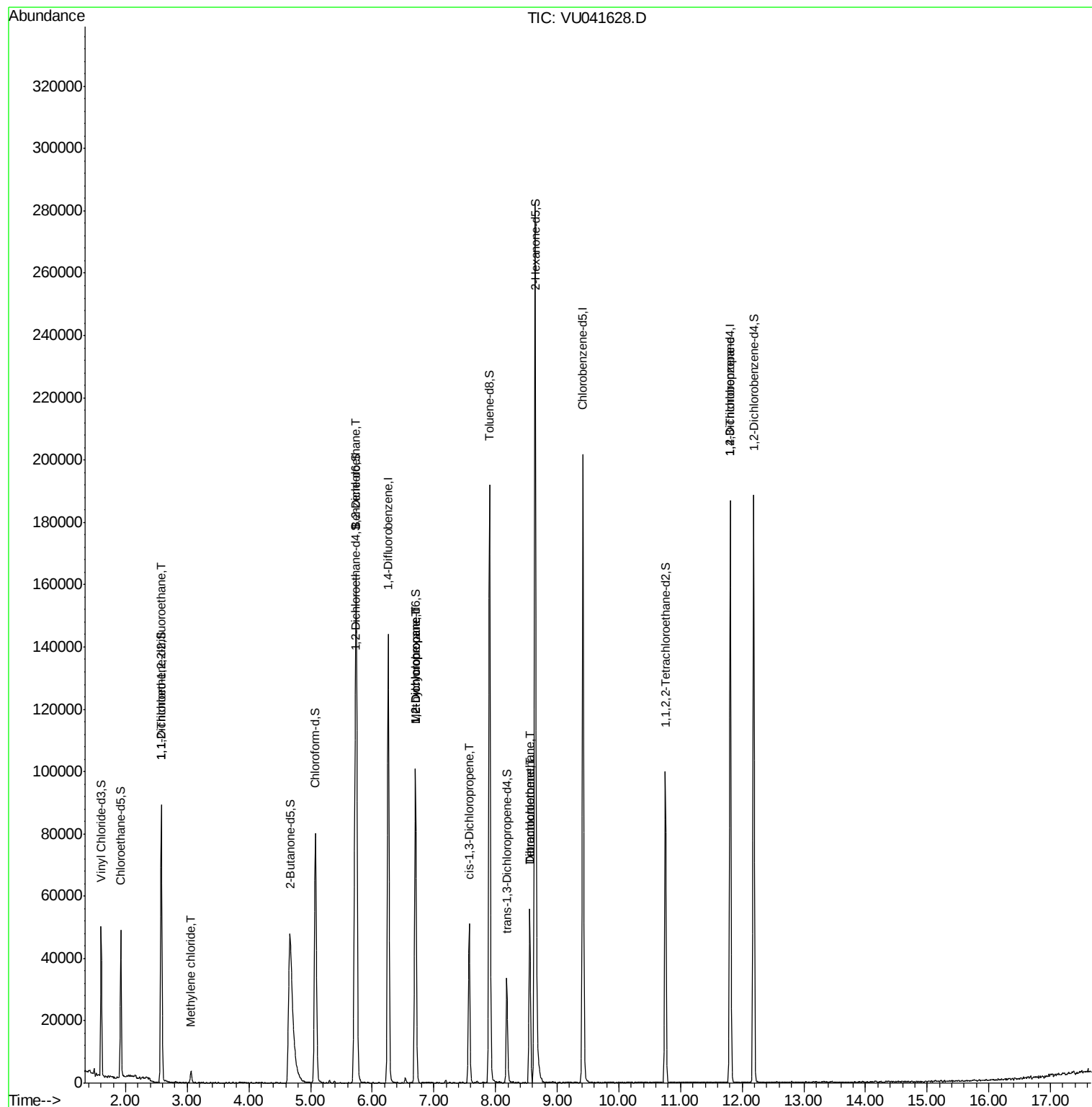
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	495	0.062	ug/L #	22
16) Methylene chloride	3.06	84	1777	0.190	ug/L	97
27) 1,2-Dichloroethane	5.75	62	615	0.060	ug/L #	73
35) Methylcyclohexane	6.70	83	11615	0.783	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5177	0.554	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1076	0.078	ug/L #	56
47) Tetrachloroethene	8.56	164	13382	2.083	ug/L	95
49) Dibromochloromethane	8.56	129	12342	1.555	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5402	0.770	ug/L	91

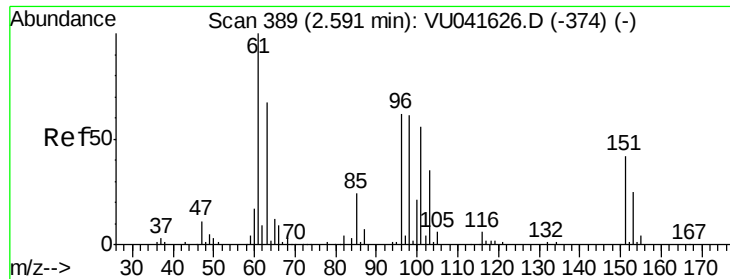
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.062 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041628.D

Acq: 15 Dec 2020 10:59

Instrument :

MSVOA_U

ClientSampleId :

GB1H8

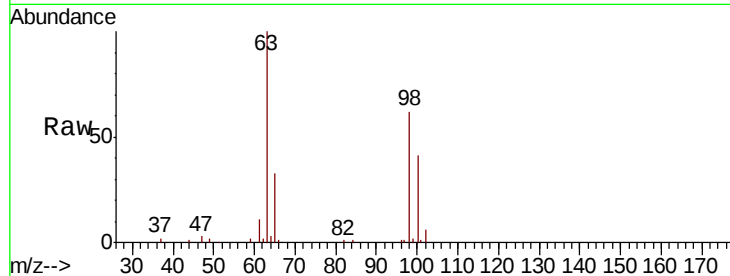
Tot Ion:101 Resp: 495

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

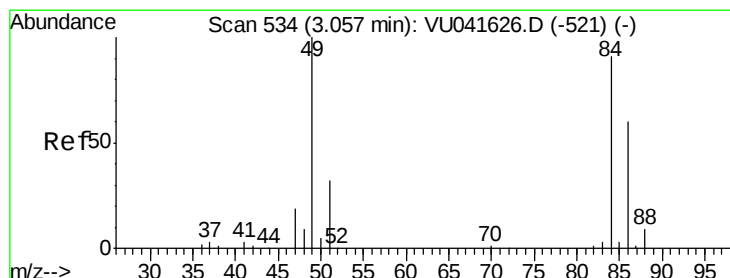
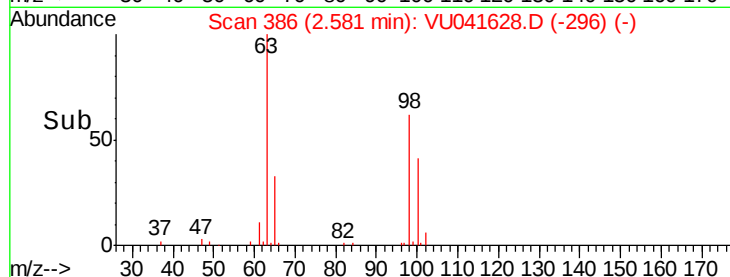
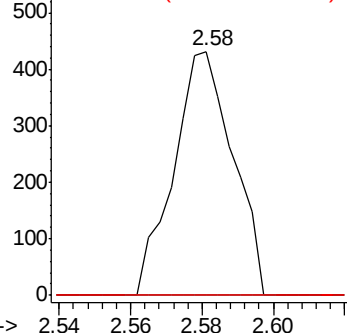
151 0.0 56.2 84.4#



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



#16

Methylene chloride

Concen: 0.190 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU041628.D

Acq: 15 Dec 2020 10:59

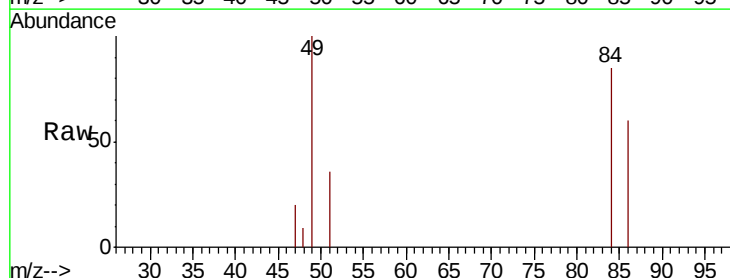
Tgt Ion: 84 Resp: 1777

Ion Ratio Lower Upper

84 100

86 71.1 45.1 83.7

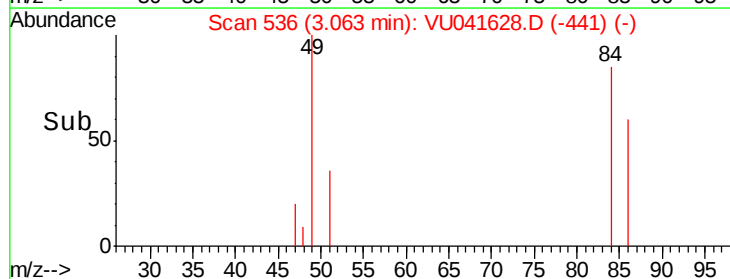
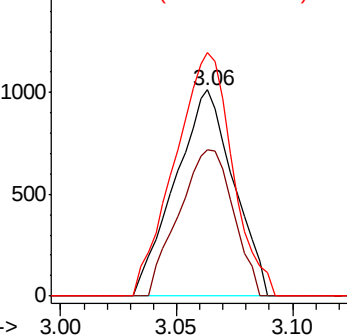
49 118.2 83.1 154.3

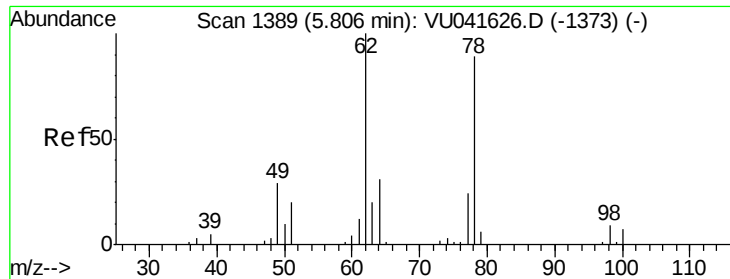


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

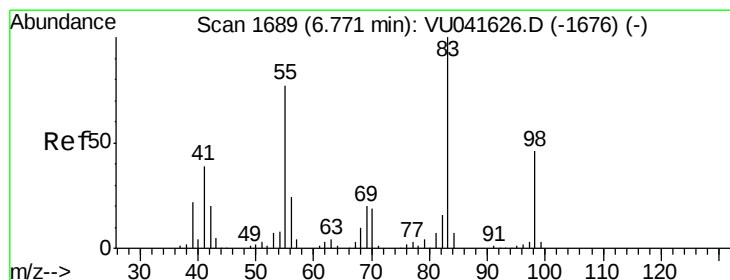
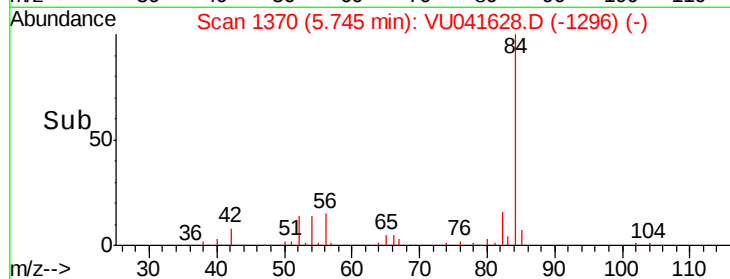
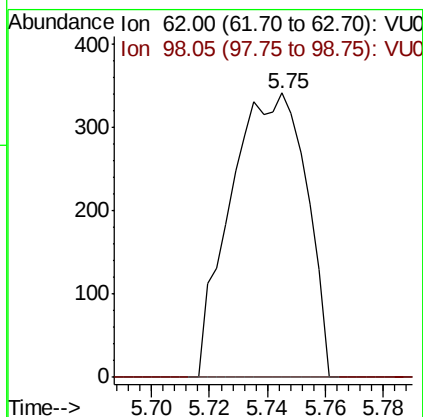
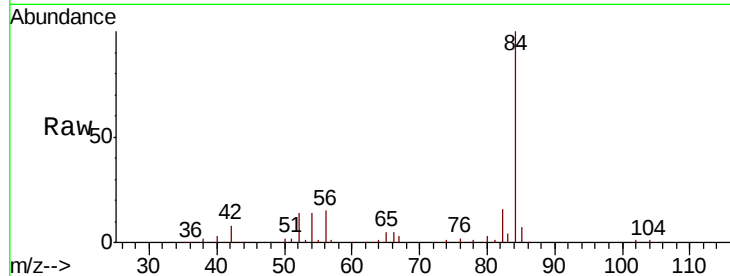




#27
 1,2-Dichloroethane
 Concen: 0.060 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041628.D
 Acq: 15 Dec 2020 10:59

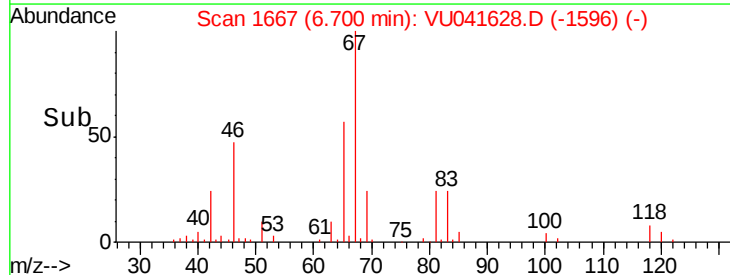
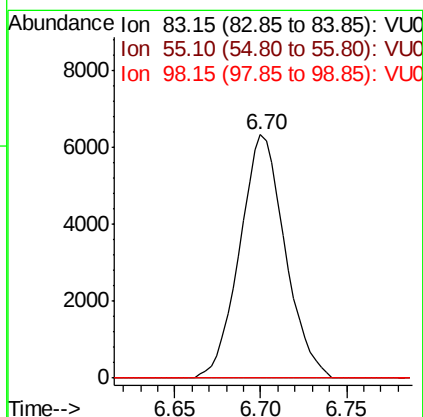
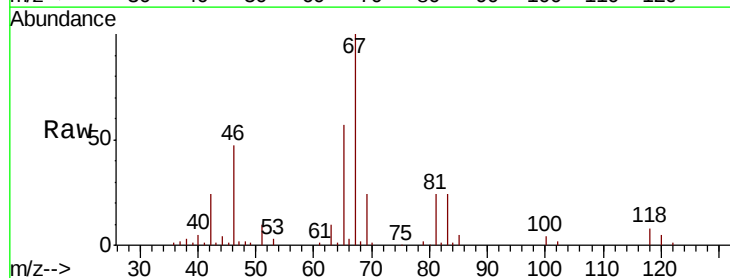
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H8

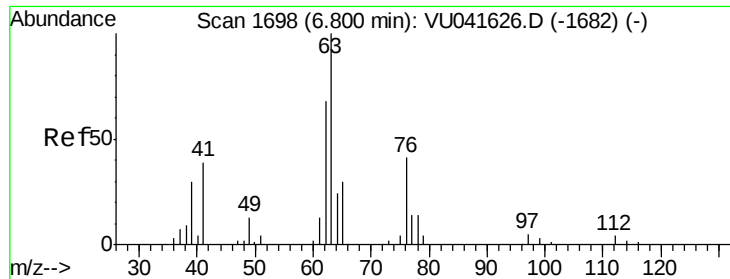
Tot Ion: 62 Resp: 615
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.783 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041628.D
 Acq: 15 Dec 2020 10:59

Tgt Ion: 83 Resp: 11615
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 3.2 36.6 54.8#

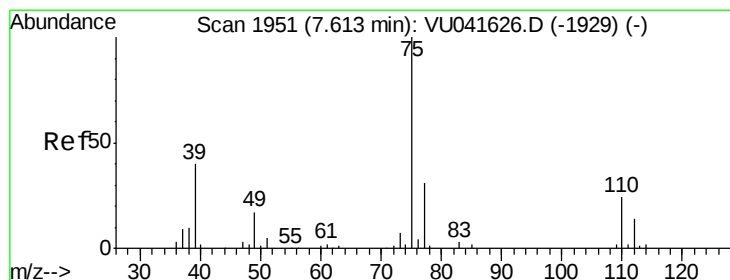
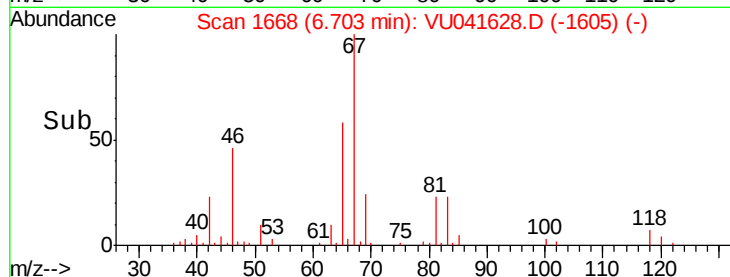
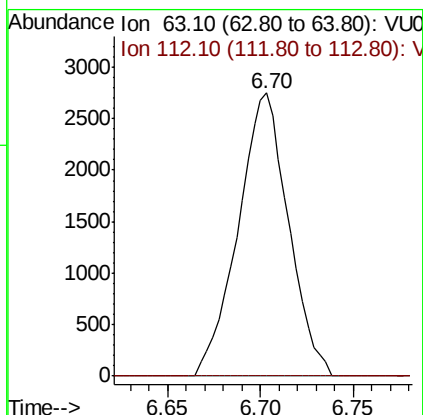
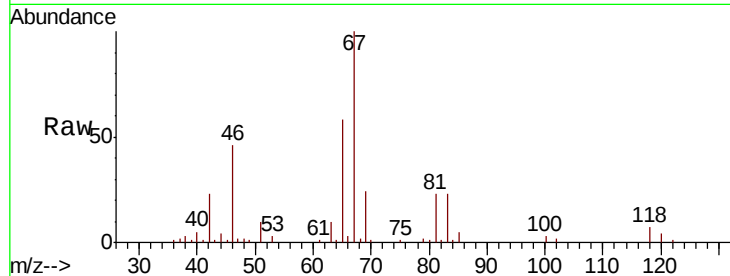




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041628.D
 Acq: 15 Dec 2020 10:59

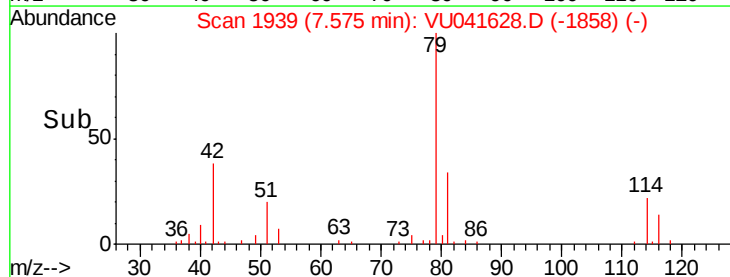
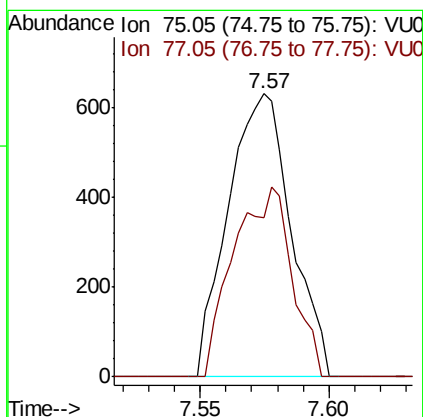
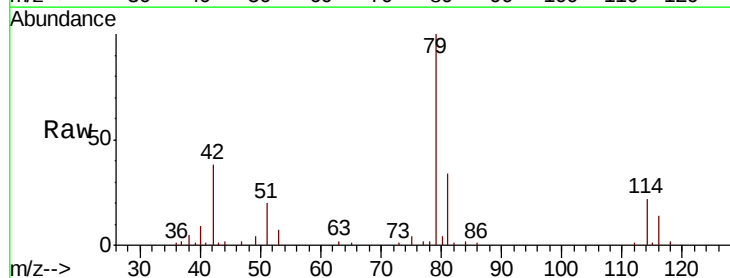
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H8

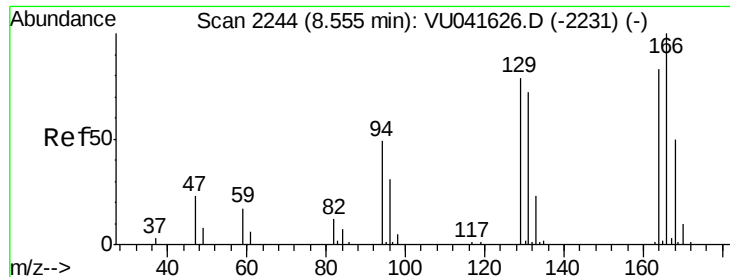
Tot Ion: 63 Resp: 5177
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041628.D
 Acq: 15 Dec 2020 10:59

Tgt Ion: 75 Resp: 1076
 Ion Ratio Lower Upper
 75 100
 77 56.4 22.3 41.3#





#47

Tetrachloroethene

Concen: 2.083 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041628.D

Acq: 15 Dec 2020 10:59

Instrument :

MSVOA_U

ClientSampleId :

GB1H8

Tot Ion:164 Resp: 13382

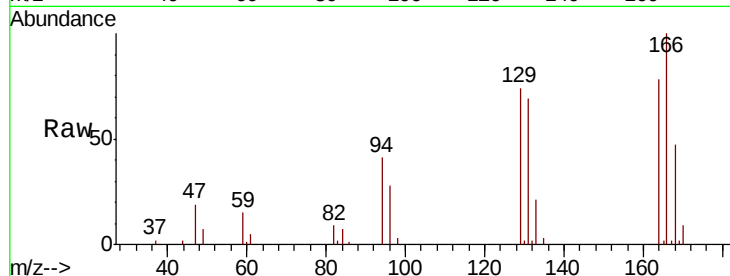
Ion Ratio Lower Upper

164 100

129 95.1 72.2 134.0

131 88.4 66.9 124.3

166 128.5 89.6 166.4

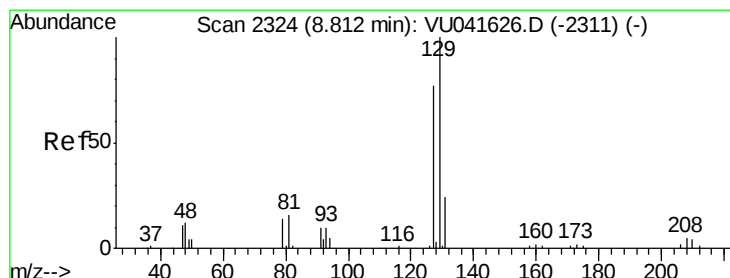
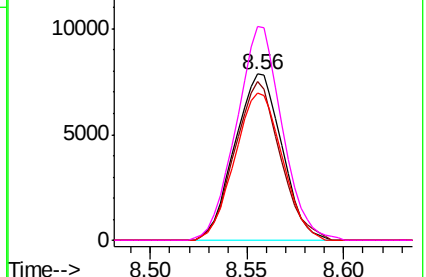
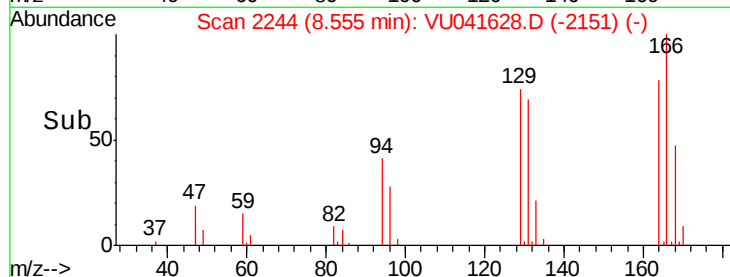


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 1.555 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041628.D

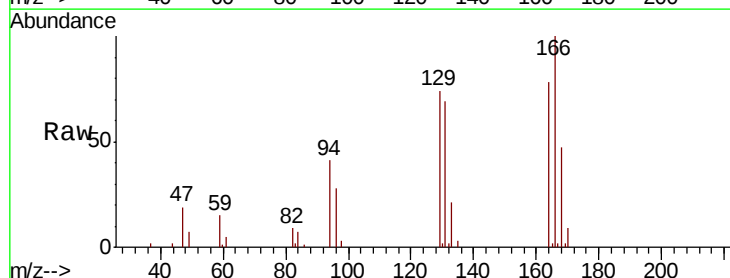
Acq: 15 Dec 2020 10:59

Tgt Ion:129 Resp: 12342

Ion Ratio Lower Upper

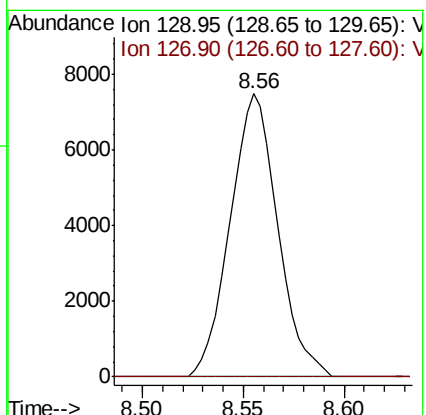
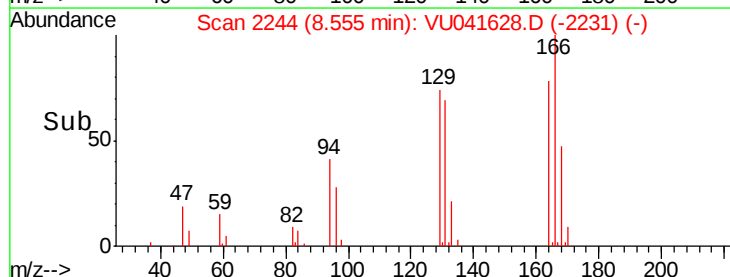
129 100

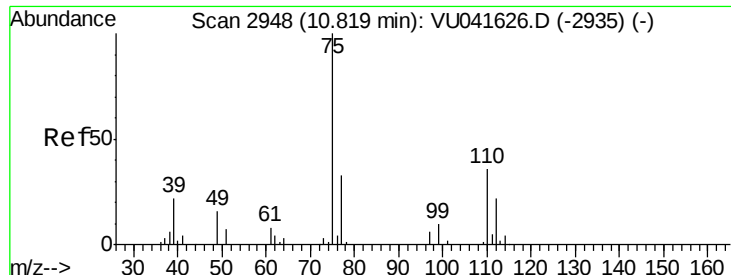
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.770 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041628.D

Acq: 15 Dec 2020 10:59

Instrument :

MSVOA_U

ClientSampleId :

GB1H8

Tot Ion: 75 Resp: 5402

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

