

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111418\
 Data File : VU028124.D
 Acq On : 14 Nov 2018 16:37
 Operator : MD/SY
 Sample : J5948-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C13

Quant Time: Nov 15 04:29:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155292	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55120	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.68	69	44129	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.28	63	78248	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.19	46	182167	48.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	4.65	84	91279	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	52403	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.34	84	191885	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.33	67	70119	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.57	98	168956	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.85	79	22376	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.31	63	144171	47.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48108	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	58645	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

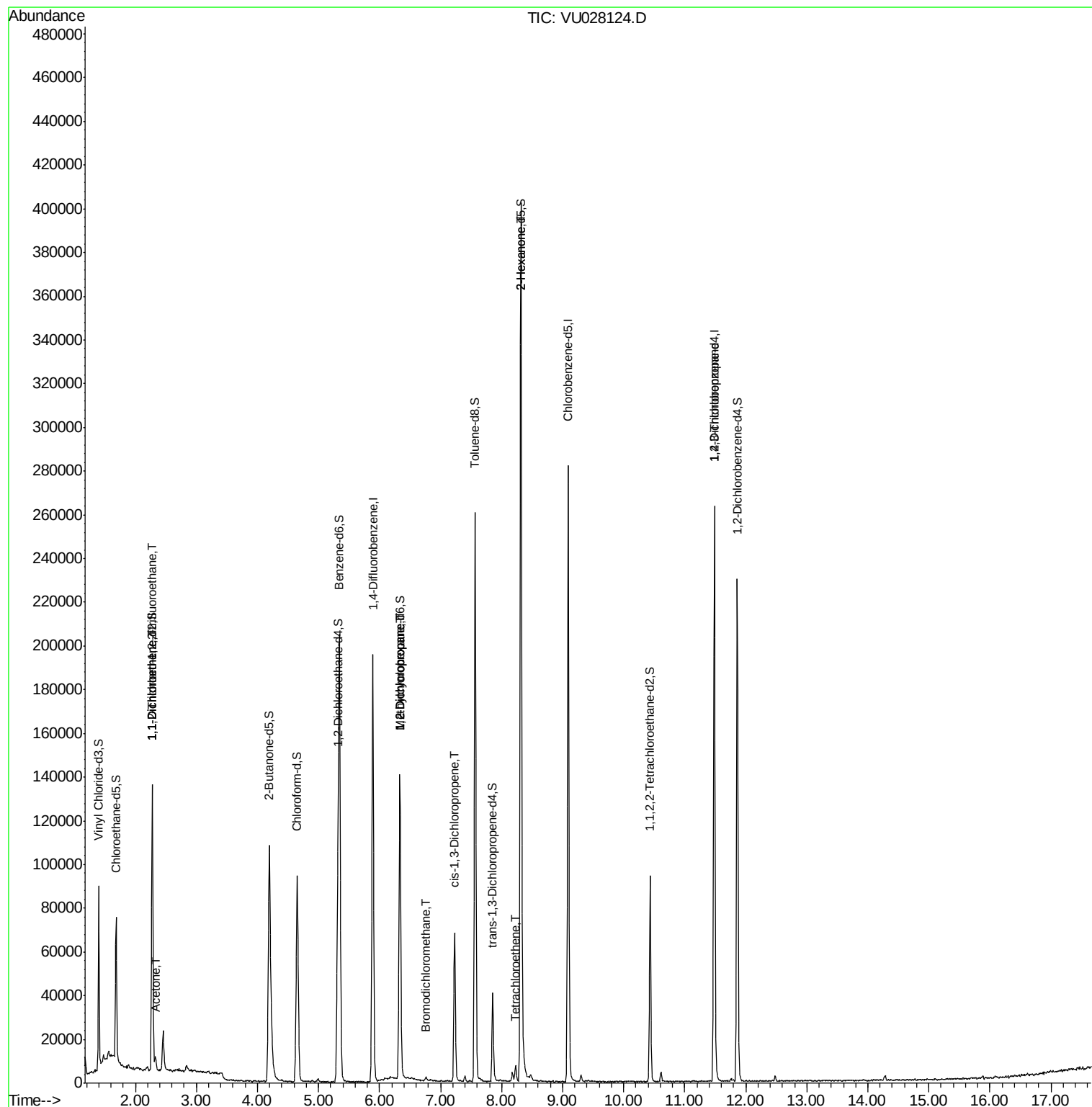
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	554	0.054	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	592	0.057	ug/L #	1
13) Acetone	2.32	43	5413	2.150	ug/L	98
35) Methylcyclohexane	6.33	83	14598	0.698	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	7117	0.523	ug/L #	92
38) Bromodichloromethane	6.76	83	1160	0.080	ug/L #	72
39) cis-1,3-Dichloropropene	7.23	75	1653	0.090	ug/L	96
47) Tetrachloroethene	8.22	164	1411	0.143	ug/L #	73
48) 2-Hexanone	8.31	43	16536	2.479	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	9524	1.246	ug/L	97

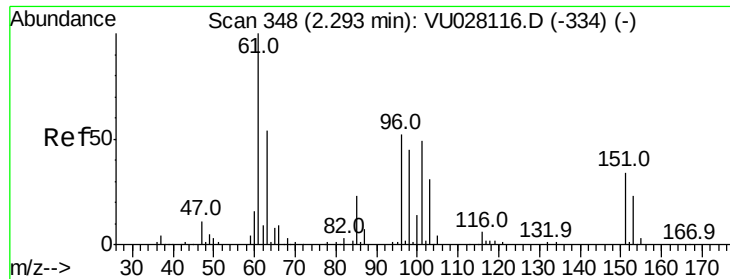
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.054 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028124.D

Acq: 14 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampled :

F9C13

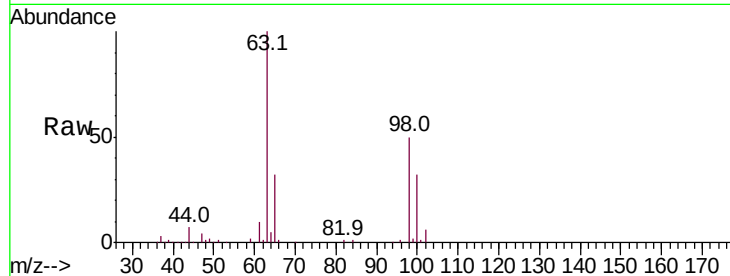
Tot Ion:101 Resp: 554

Ion Ratio Lower Upper

101 100

85 0.0 37.6 56.4#

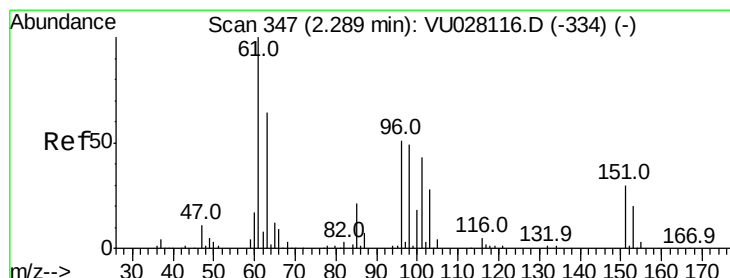
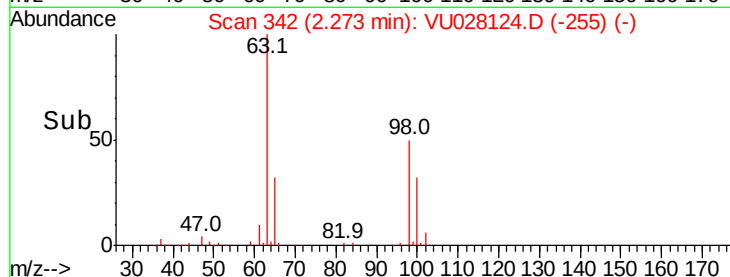
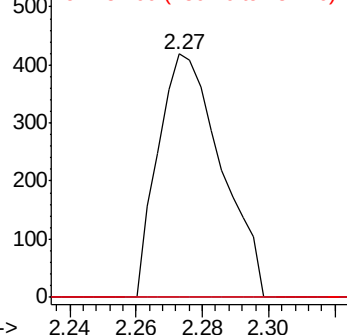
151 0.0 58.2 87.2#



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: 0.057 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028124.D

Acq: 14 Nov 2018 16:37

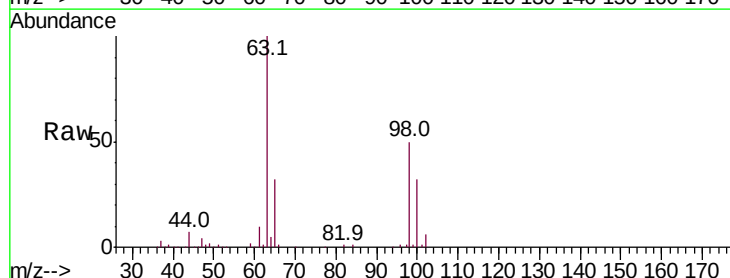
Tgt Ion: 96 Resp: 592

Ion Ratio Lower Upper

96 100

61 1411.8 134.8 250.3#

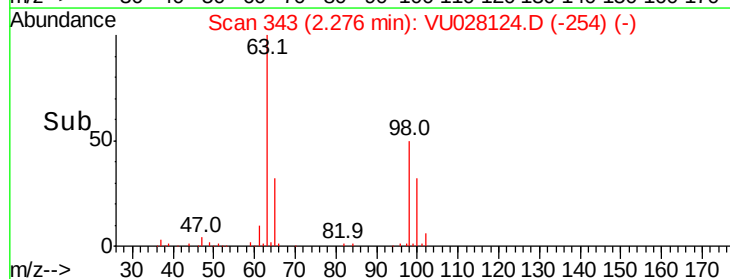
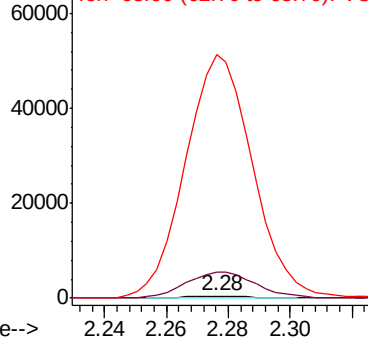
63 13501.1 100.1 185.9#

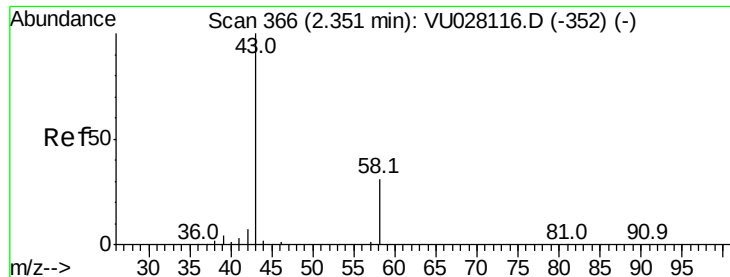


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.150 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU028124.D

Acq: 14 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampled :

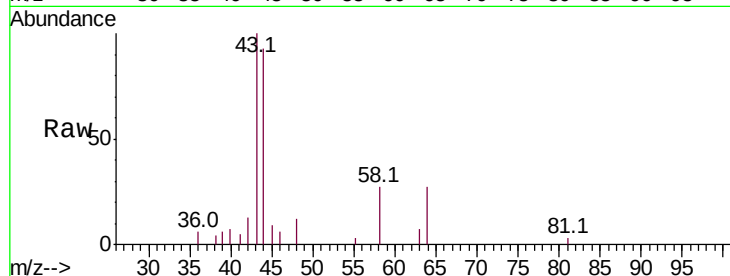
F9C13

Tot Ion: 43 Resp: 5413

Ion Ratio Lower Upper

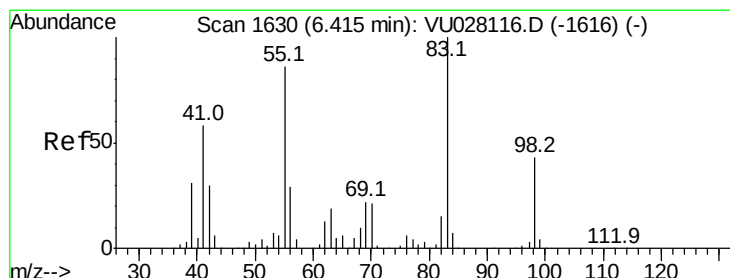
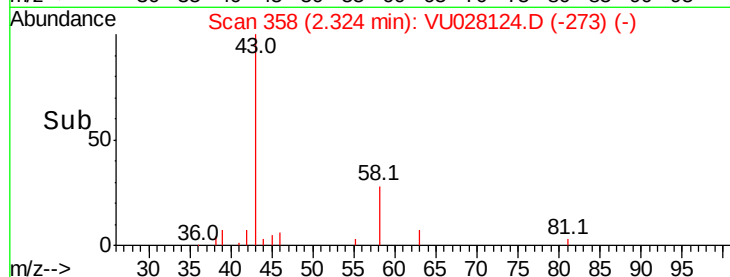
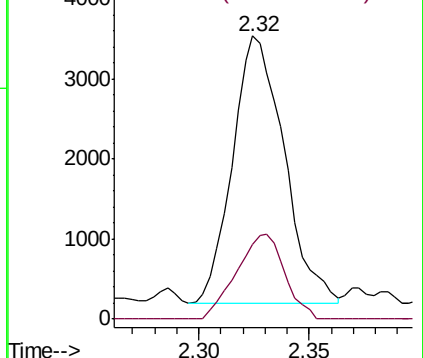
43 100

58 29.8 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU028124.D

Acq: 14 Nov 2018 16:37

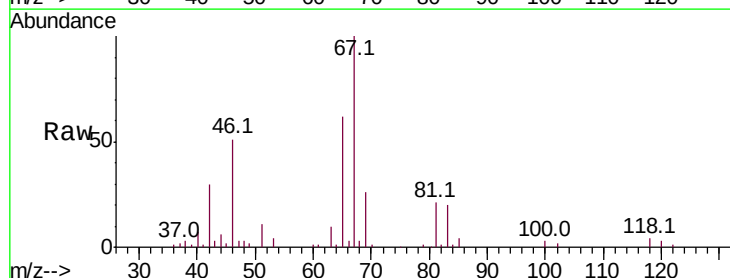
Tgt Ion: 83 Resp: 14598

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

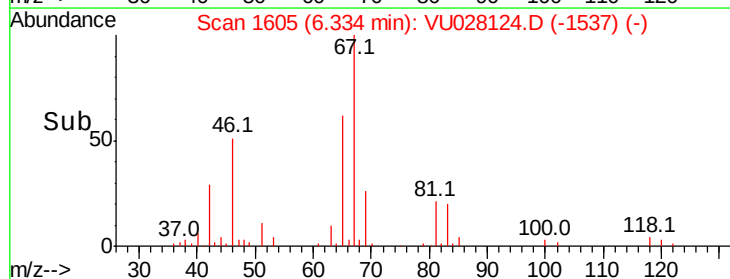
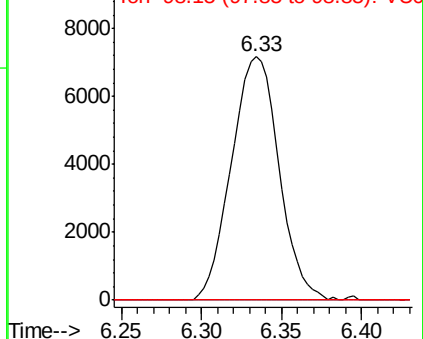
98 0.8 33.3 49.9#

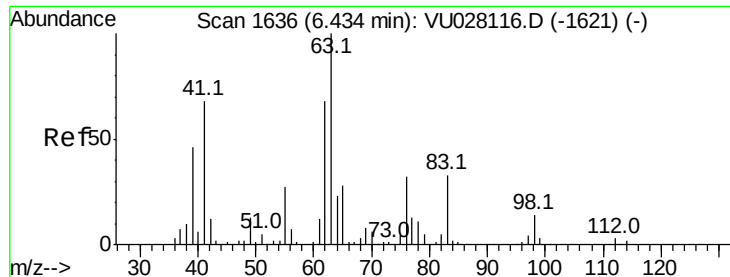


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.10 min

Lab File: VU028124.D

Acq: 14 Nov 2018 16:37

Instrument :

MSVOA_U

ClientSampled :

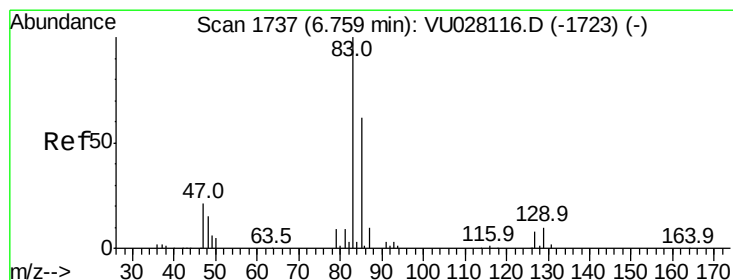
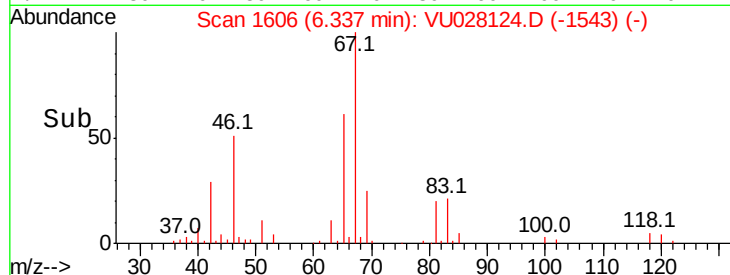
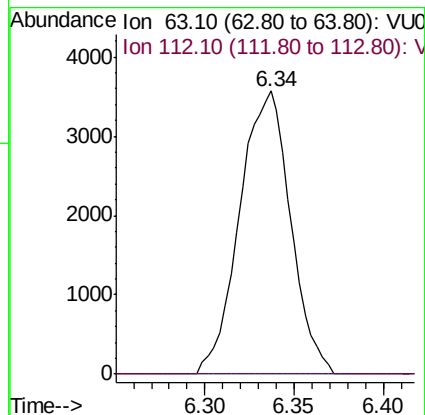
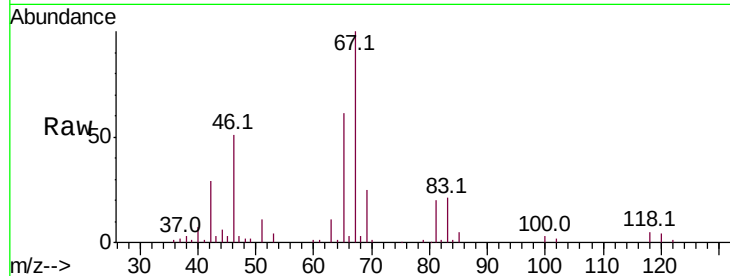
F9C13

Tot Ion: 63 Resp: 7117

Ion Ratio Lower Upper

63 100

112 0.0 2.2 3.4#



#38

Bromodichloromethane

Concen: 0.080 ug/L

RT: 6.76 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU028124.D

Acq: 14 Nov 2018 16:37

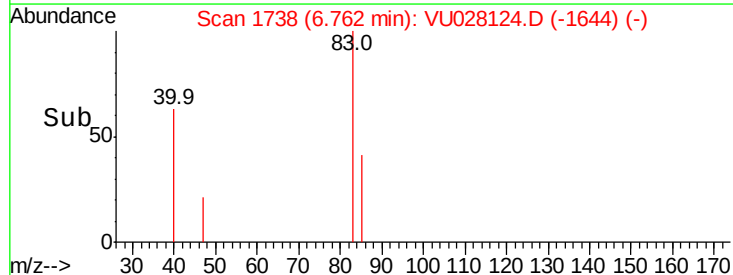
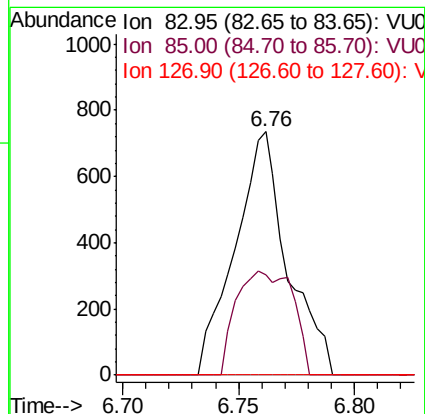
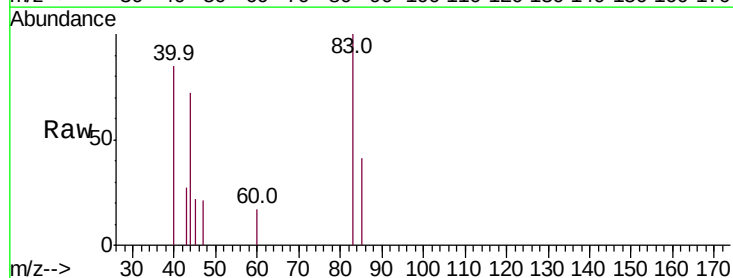
Tgt Ion: 83 Resp: 1160

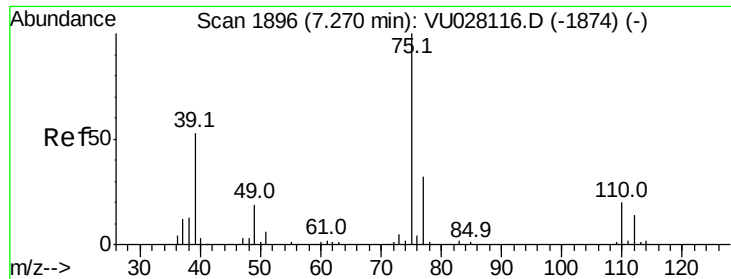
Ion Ratio Lower Upper

83 100

85 41.3 44.5 82.7#

127 0.0 6.8 10.2#



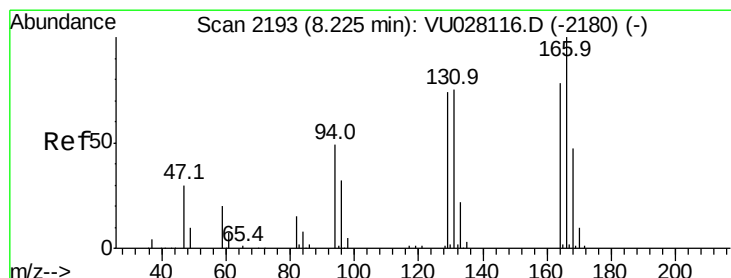
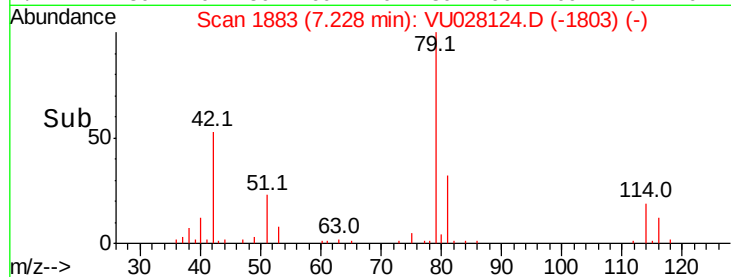
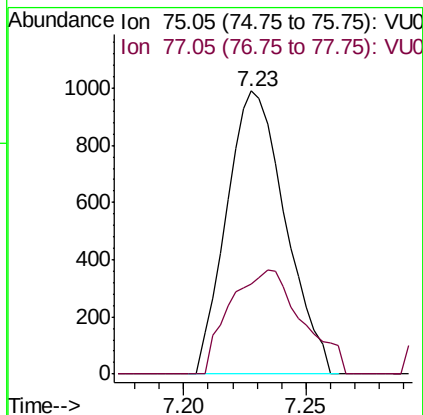
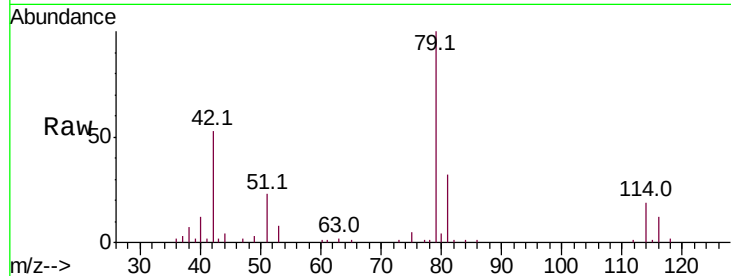


#39

cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028124.D
Acq: 14 Nov 2018 16:37

Instrument :
MSVOA_U
ClientSampled :
F9C13

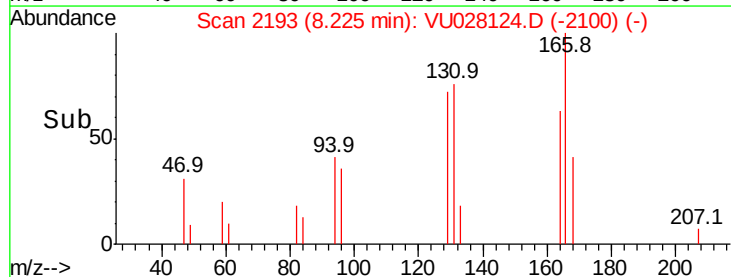
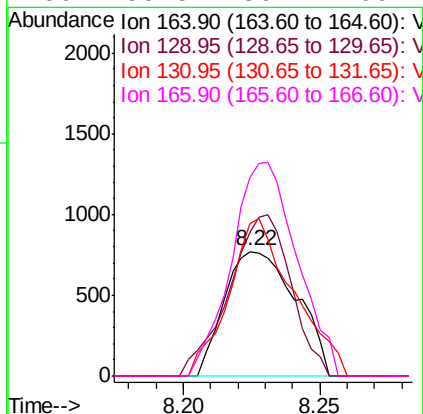
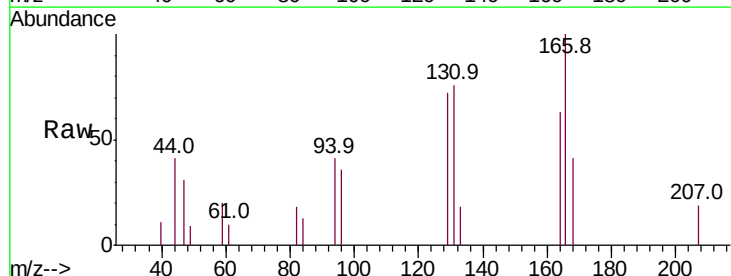
Tot Ion: 75 Resp: 1653
Ion Ratio Lower Upper
75 100
77 31.8 20.9 38.9

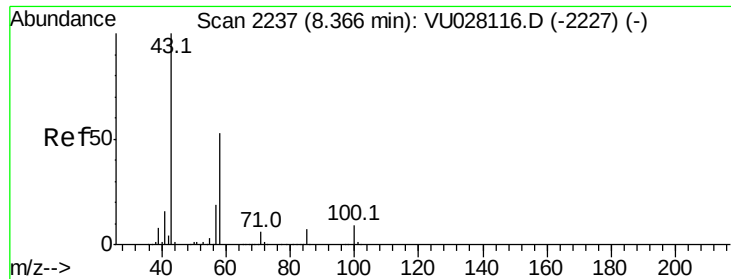


#47

Tetrachloroethene
Concen: 0.143 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028124.D
Acq: 14 Nov 2018 16:37

Tgt Ion:164 Resp: 1411
Ion Ratio Lower Upper
164 100
129 115.1 69.7 129.4
131 121.7 64.0 118.8#
166 159.5 86.4 160.4

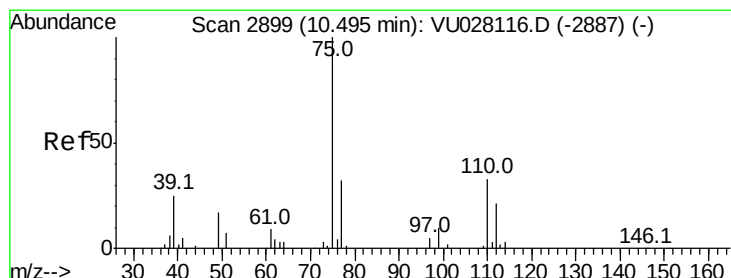
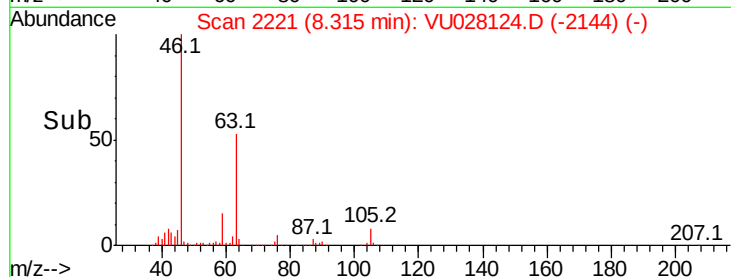
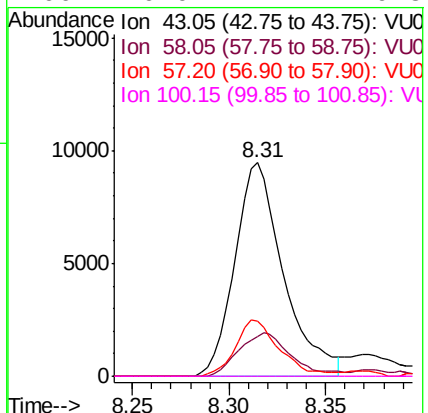
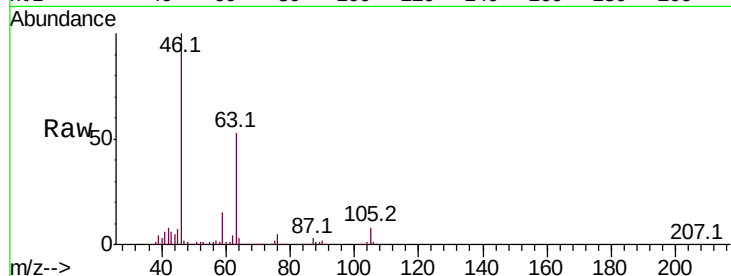




#48
 2-Hexanone
 Concen: 2.479 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU028124.D
 Acq: 14 Nov 2018 16:37

Instrument :
 MSVOA_U
 ClientSampleId :
 F9C13

Tot Ion: 43 Resp: 16536
 Ion Ratio Lower Upper
 43 100
 58 22.0 41.7 62.5#
 57 23.7 14.0 21.0#
 100 0.0 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.246 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028124.D
 Acq: 14 Nov 2018 16:37

Tgt Ion: 75 Resp: 9524
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.0

