

Data File : VU031502.D
Acq On : 25 Apr 2019 14:43
Operator : JC/SP
Sample : K2536-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG2DL

Quant Time: Apr 26 01:37:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	268917	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	270103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103201	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.68	69	85575	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	150013	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.21	46	327865	56.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.60%
24) Chloroform-d	4.64	84	184503	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.31	65	103534	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.33	84	331375	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.33	67	124871	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.56	98	258081	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.85	79	41387	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.31	63	193139	41.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98595	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	87446	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

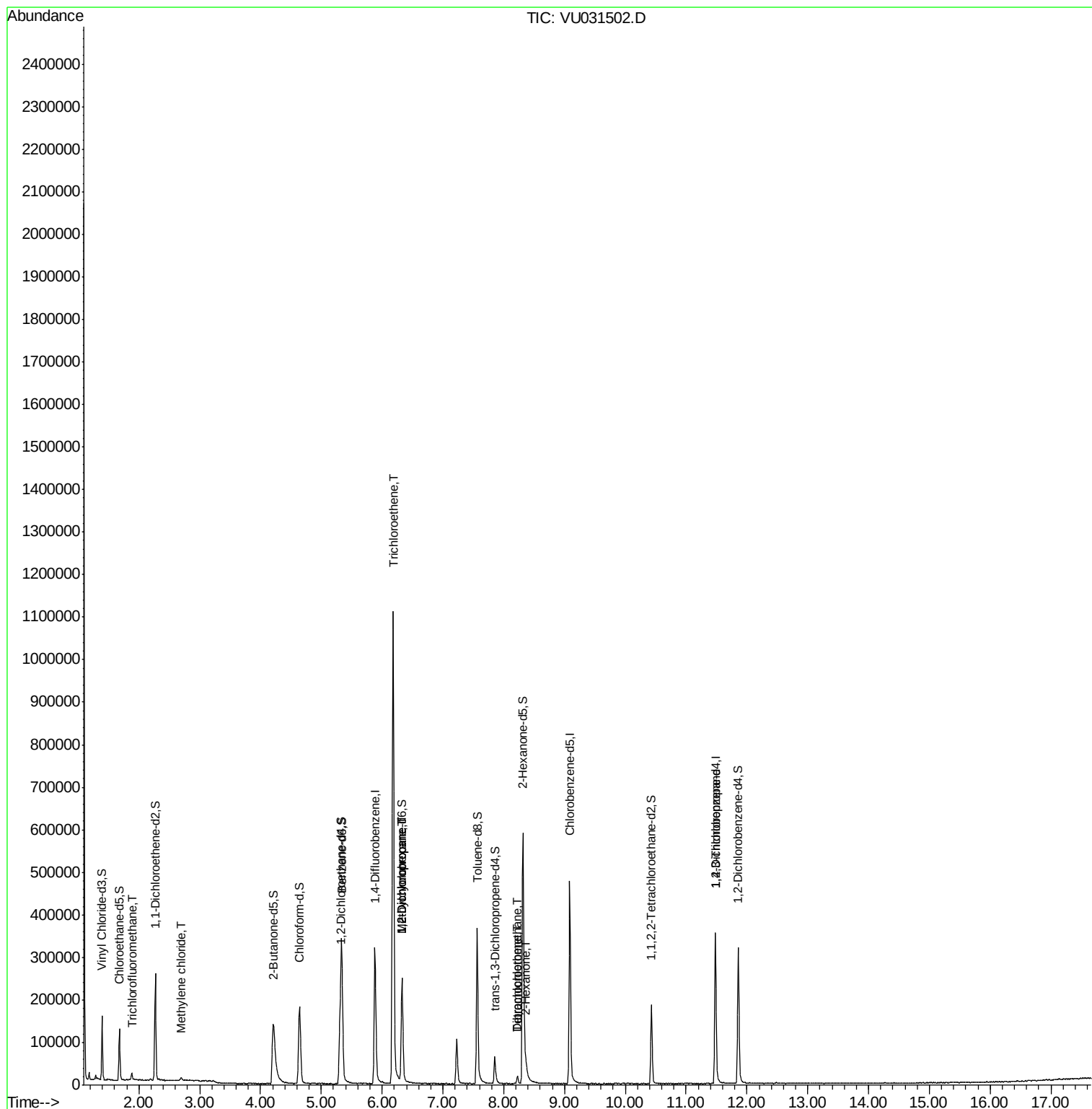
						Qvalue
9) Trichlorofluoromethane	1.88	101	7994	0.247	ug/L	96
16) Methylene chloride	2.70	84	2963	0.140	ug/L	89
34) Trichloroethene	6.18	95	417444	18.977	ug/L	98
35) Methylcyclohexane	6.32	83	27532	0.846	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	13914	0.622	ug/L #	91
47) Tetrachloroethene	8.22	164	4990	0.325	ug/L #	74
48) 2-Hexanone	8.37	43	19176	1.786	ug/L #	87
49) Dibromochloromethane	8.22	129	4609	0.270	ug/L #	9
59) 1,2,3-Trichloropropane	11.48	75	12177	0.864	ug/L	90

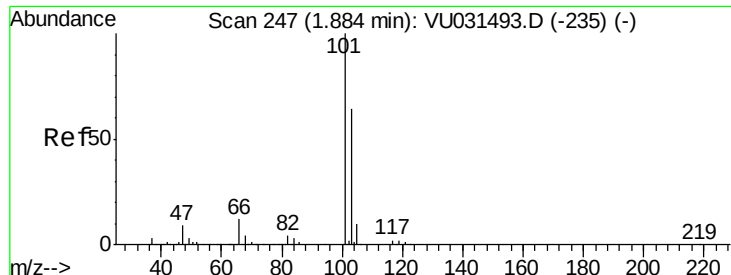
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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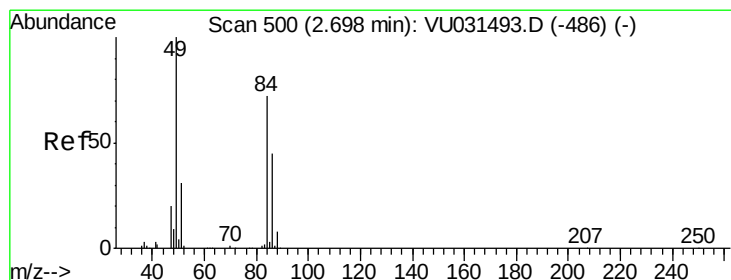
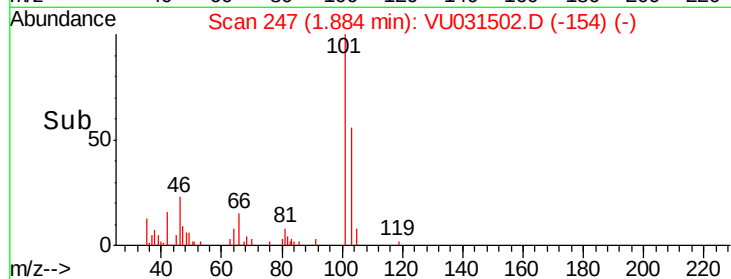
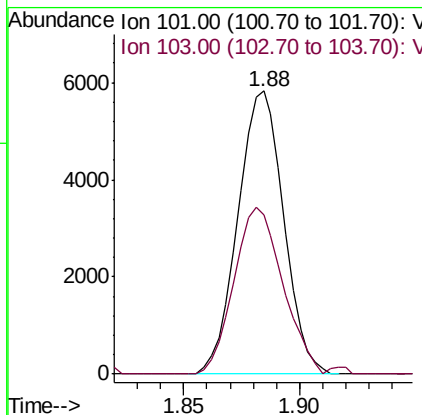
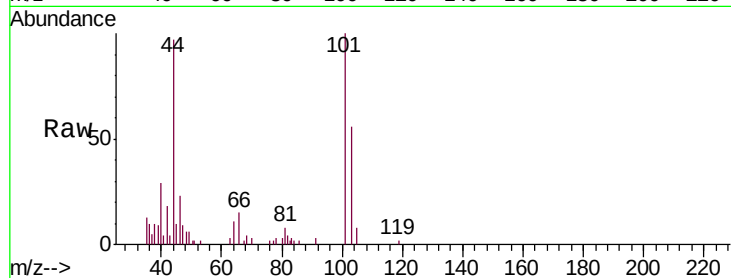


#9

Trichlorofluoromethane
Concen: 0.247 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031502.D
Acq: 25 Apr 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
C0XG2DL

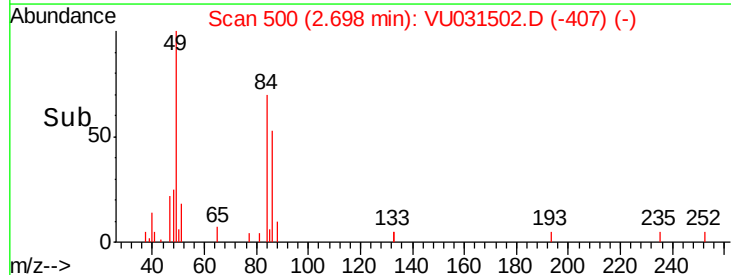
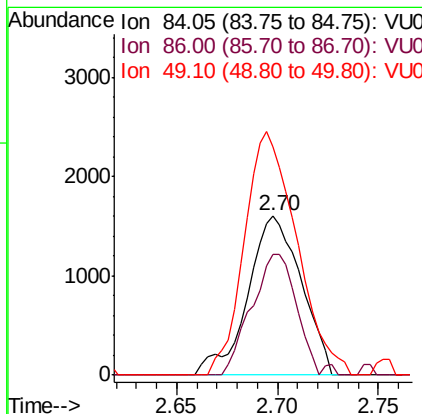
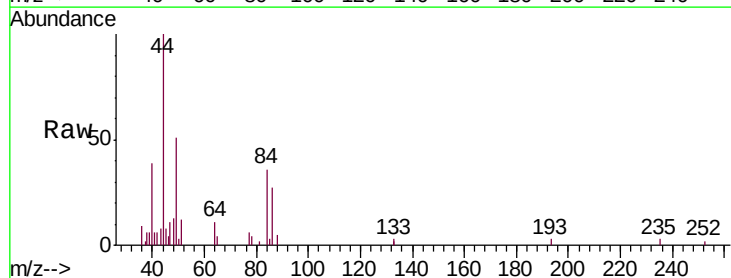
Tgt Ion: 101 Resp: 7994
Ion Ratio Lower Upper
101 100
103 62.8 52.7 79.1

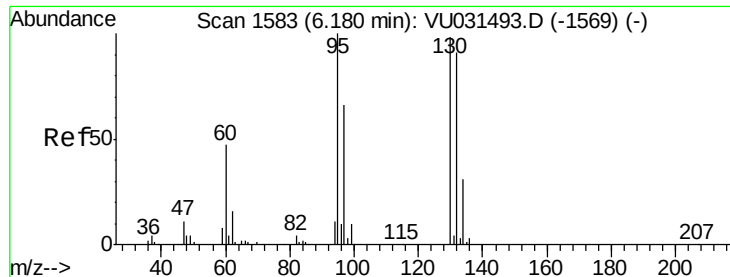


#16

Methylene chloride
Concen: 0.140 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031502.D
Acq: 25 Apr 2019 14:43

Tgt Ion: 84 Resp: 2963
Ion Ratio Lower Upper
84 100
86 76.0 44.9 83.5
49 143.2 92.9 172.5





#34

Trichloroethene

Concen: 18.977 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031502.D

Acq: 25 Apr 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

C0XG2DL

Tgt Ion: 95 Resp: 417444

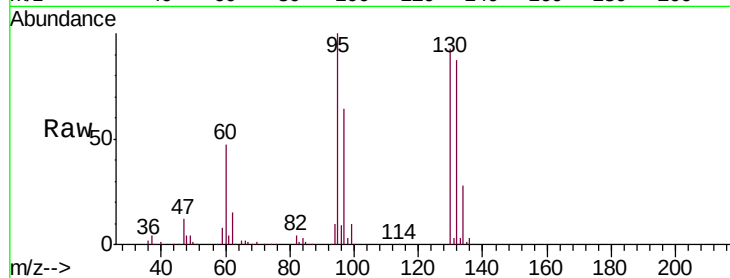
Ion Ratio Lower Upper

95 100

97 63.6 44.3 82.3

132 87.5 59.9 111.3

130 93.5 67.1 124.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

300000

250000

200000

150000

100000

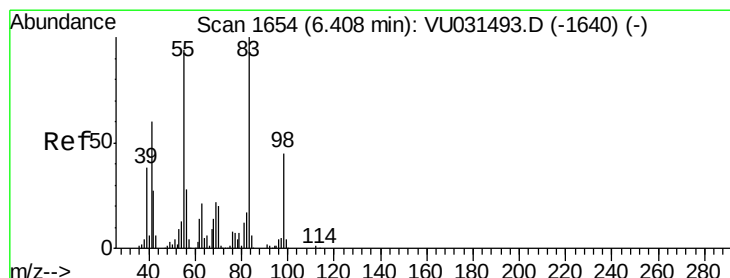
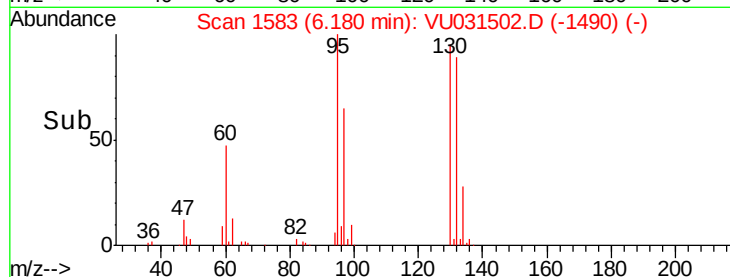
50000

0

6.18

6.10 6.20 6.30

Time-->



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031502.D

Acq: 25 Apr 2019 14:43

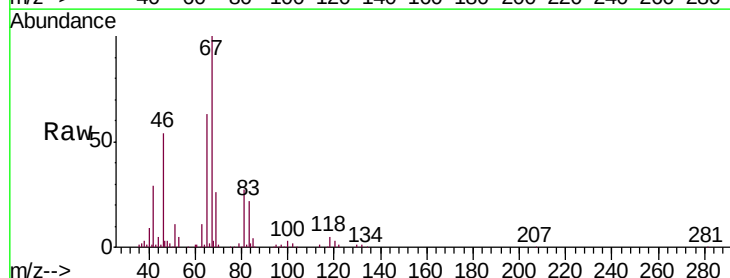
Tgt Ion: 83 Resp: 27532

Ion Ratio Lower Upper

83 100

55 0.2 71.1 106.7#

98 1.5 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

15000

10000

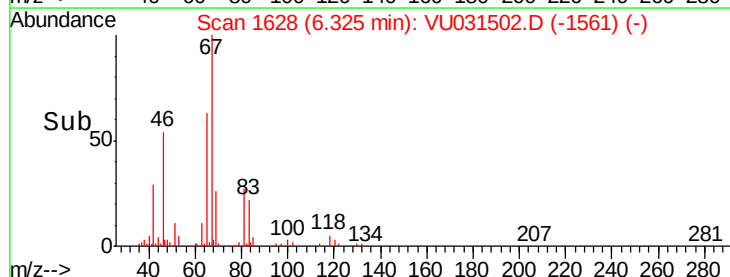
5000

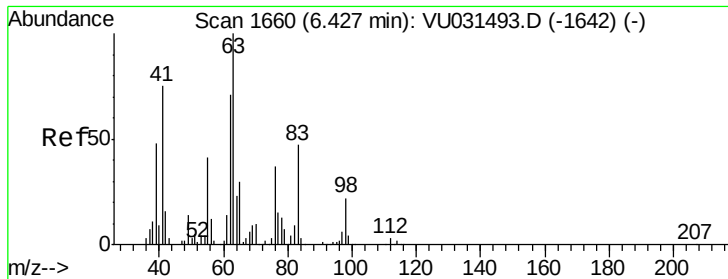
0

6.32

6.25 6.30 6.35 6.40

Time-->





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031502.D

Acq: 25 Apr 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

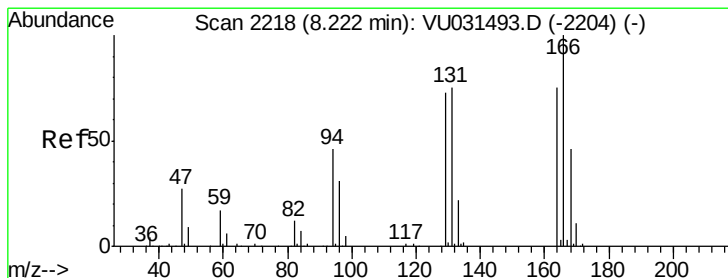
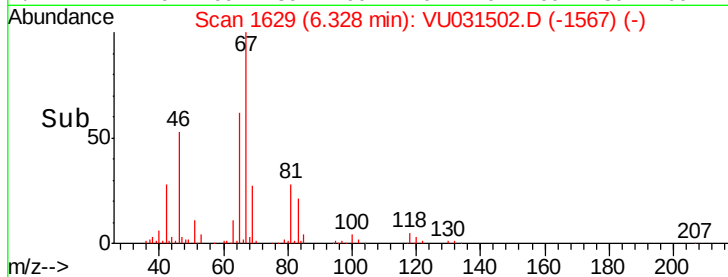
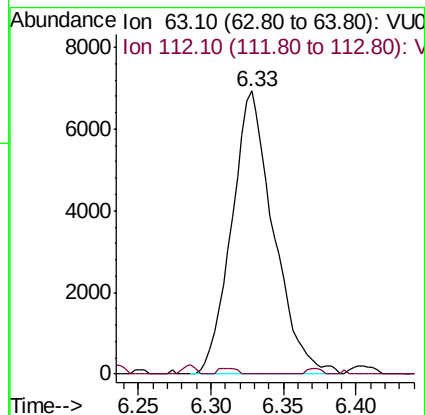
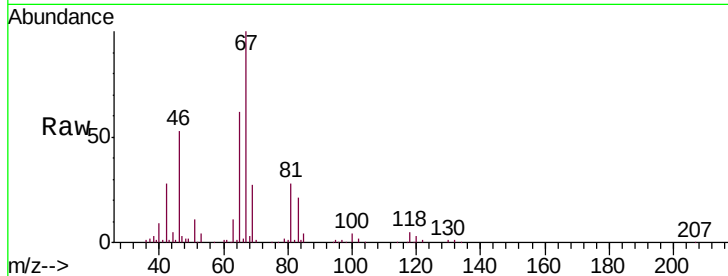
C0XG2DL

Tgt Ion: 63 Resp: 13914

Ion Ratio Lower Upper

63 100

112 0.9 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.325 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031502.D

Acq: 25 Apr 2019 14:43

Tgt Ion: 164 Resp: 4990

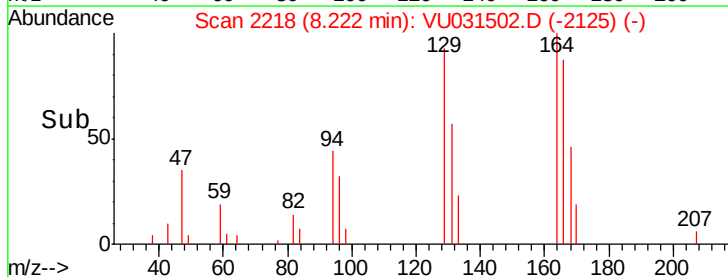
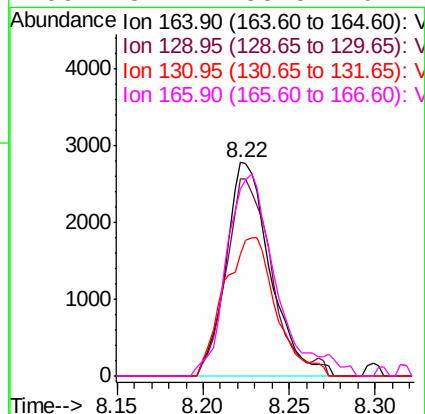
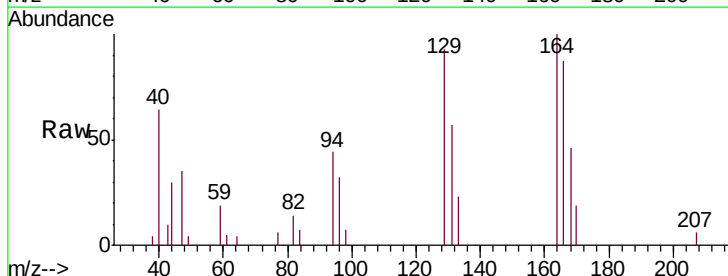
Ion Ratio Lower Upper

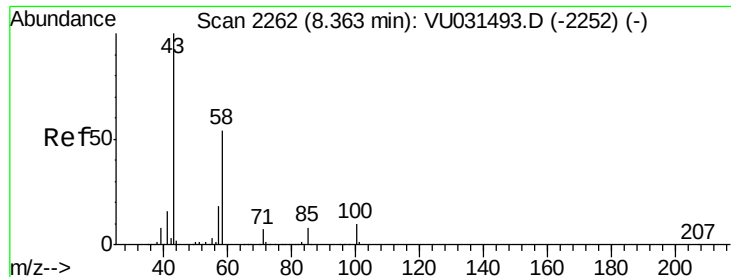
164 100

129 92.6 67.5 125.3

131 56.8 64.0 119.0#

166 87.4 88.5 164.4#

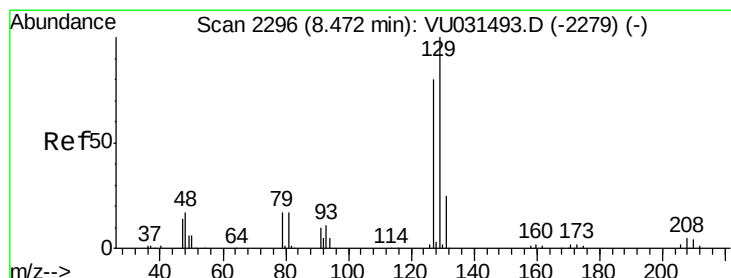
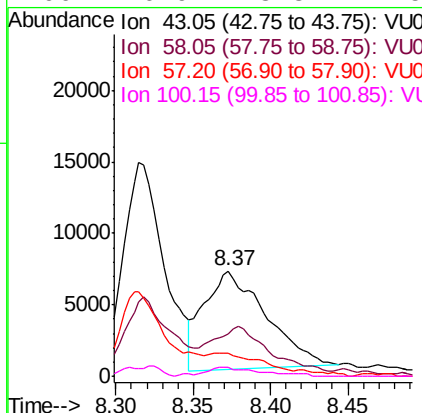
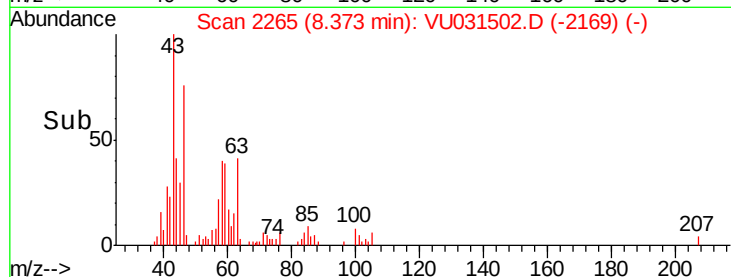
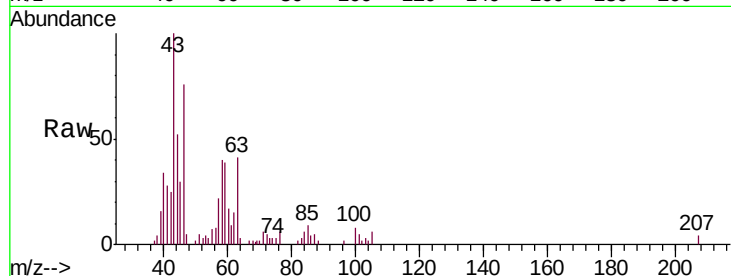




#48
 2-Hexanone
 Concen: 1.786 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031502.D
 Acq: 25 Apr 2019 14:43

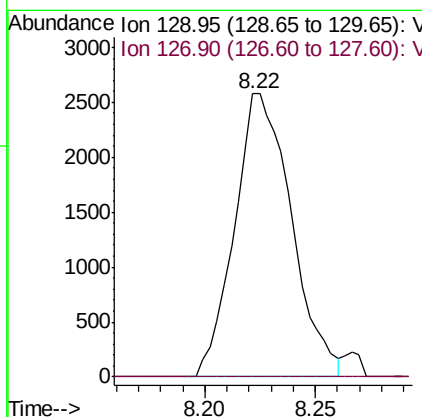
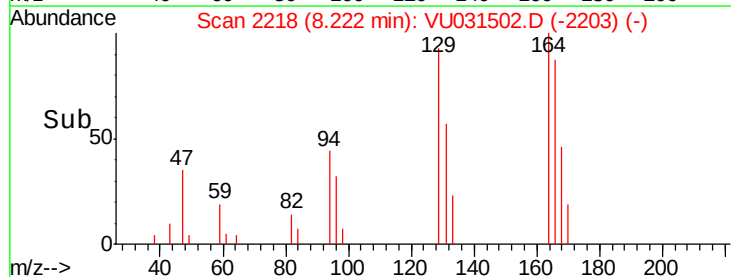
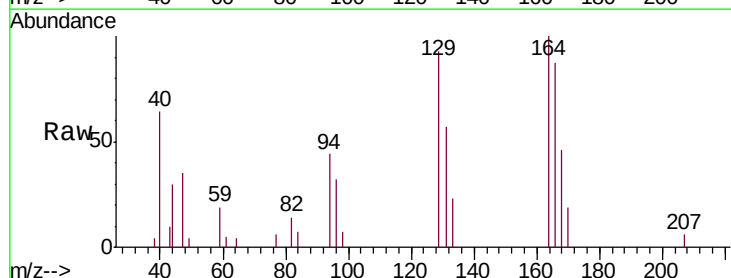
Instrument :
 MSVOA_U
 ClientSampleID :
 C0XG2DL

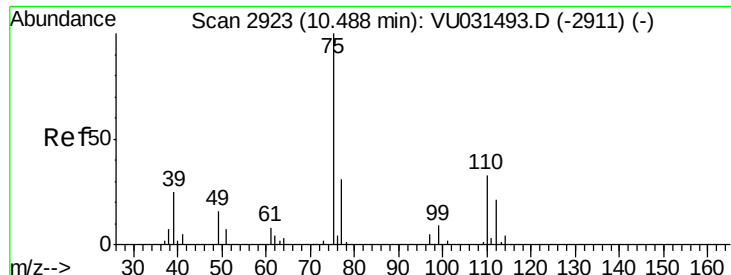
Tgt Ion: 43 Resp: 19176
 Ion Ratio Lower Upper
 43 100
 58 43.6 44.6 67.0#
 57 21.9 15.3 22.9
 100 6.9 8.3 12.5#



#49
 Dibromochloromethane
 Concen: 0.270 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.25 min
 Lab File: VU031502.D
 Acq: 25 Apr 2019 14:43

Tgt Ion: 129 Resp: 4609
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.6 105.0#





#59

1,2,3-Trichloropropane

Concen: 0.864 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031502.D

Acq: 25 Apr 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

C0XG2DL

Tgt Ion: 75 Resp: 12177

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5

