

Data File : VU031939.D
Acq On : 12 May 2019 13:33
Operator : JC/SP
Sample : K2791-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D33

Quant Time: May 13 07:03:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	471027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174547	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121214	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.67	69	121421	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	183825	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.18	46	512905	40.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.84%
24) Chloroform-d	4.64	84	277096	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.31	65	158123	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	522120	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.33	67	186104	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.56	98	391014	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	54901	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.31	63	350789	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	170283	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	141562	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

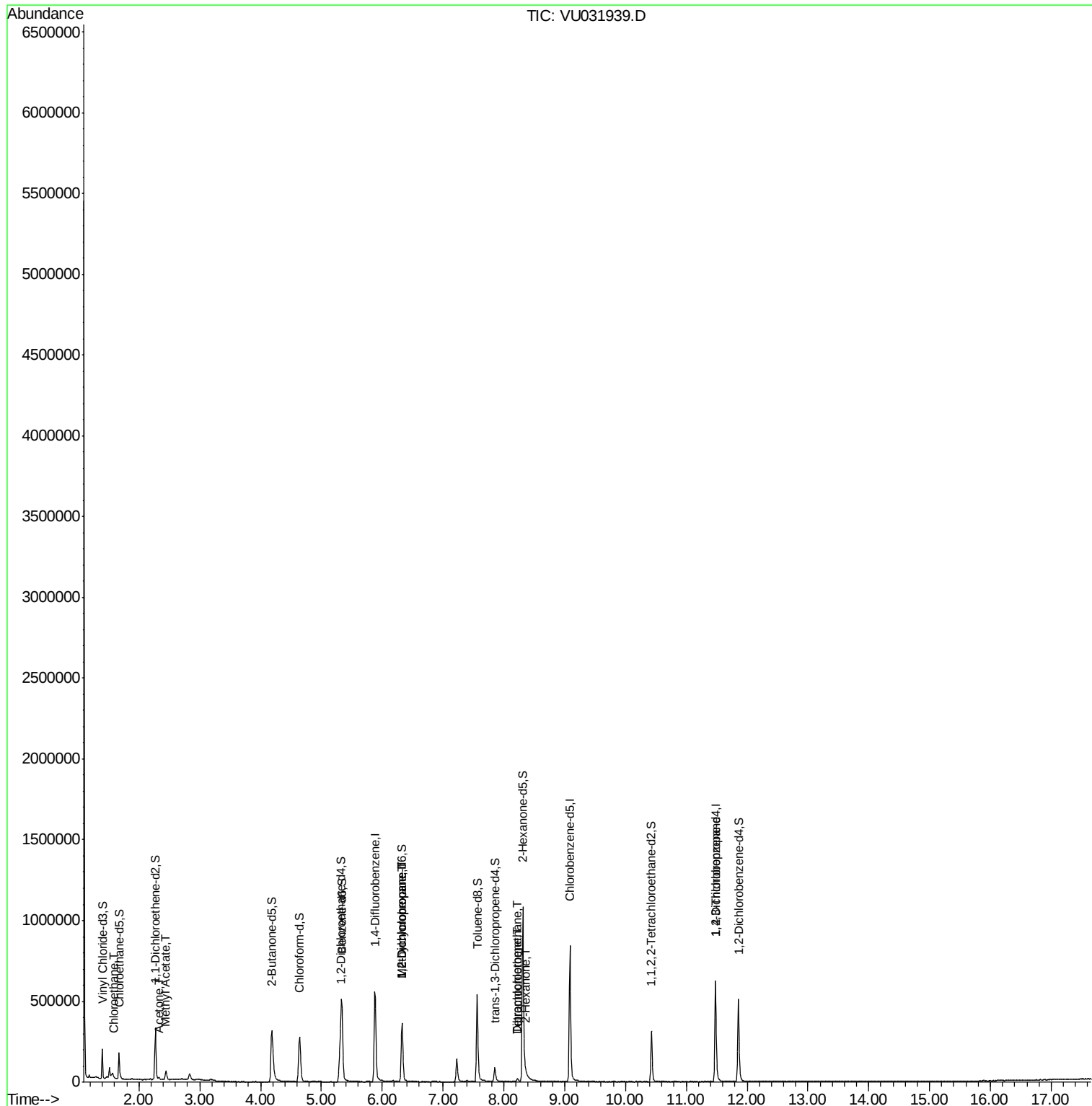
					Qvalue
8) Chloroethane	1.60	64	2893	0.093 ug/L #	60
13) Acetone	2.32	43	8942	1.045 ug/L	81
15) Methyl Acetate	2.45	43	12398	0.561 ug/L #	61
35) Methylcyclohexane	6.33	83	40456	0.664 ug/L #	11
37) 1,2-Dichloropropane	6.32	63	19386	0.403 ug/L #	91
47) Tetrachloroethene	8.22	164	4377	0.159 ug/L	92
48) 2-Hexanone	8.37	43	29145	1.265 ug/L #	79
49) Dibromochloromethane	8.22	129	4593	0.138 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	23127	0.811 ug/L	93

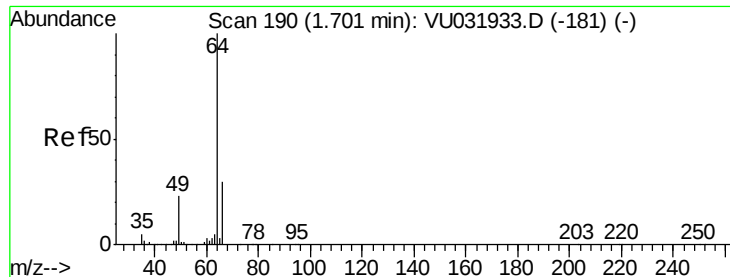
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.093 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.10 min

Lab File: VU031939.D

Acq: 12 May 2019 13:33

Instrument :

MSVOA_U

ClientSampleId :

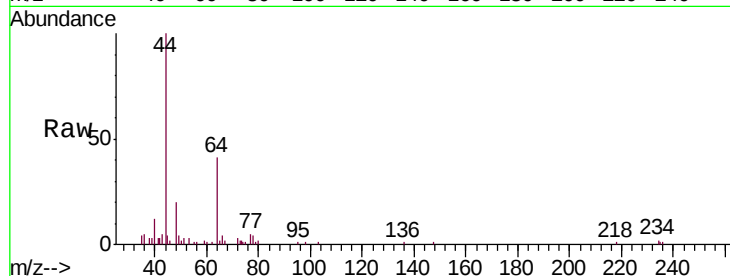
F9D33

Tgt Ion: 64 Resp: 2893

Ion Ratio Lower Upper

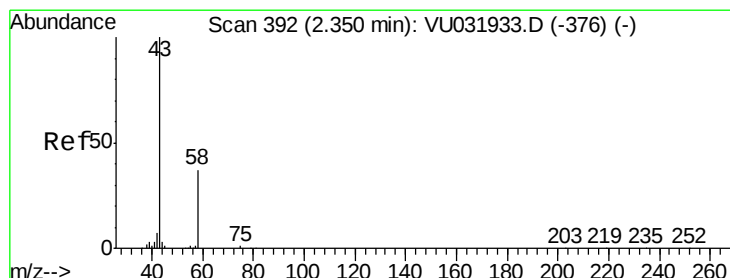
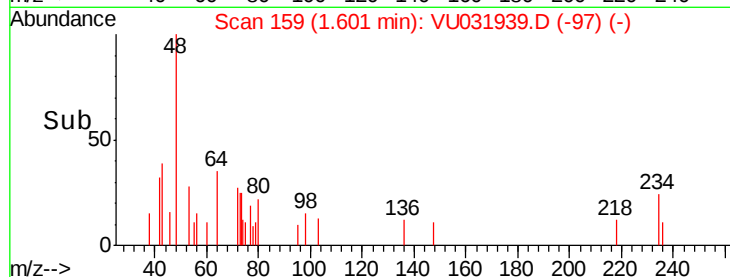
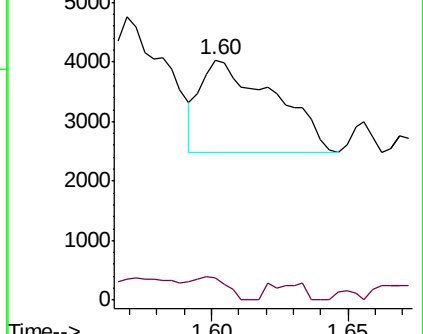
64 100

66 9.4 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 1.045 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU031939.D

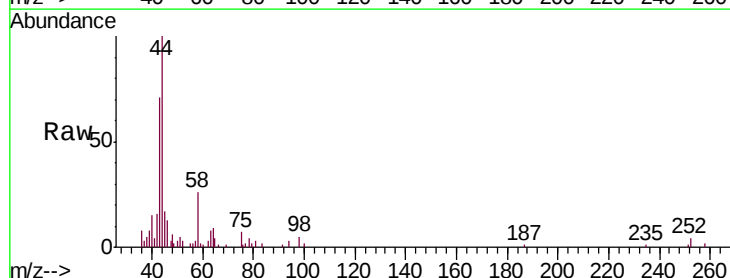
Acq: 12 May 2019 13:33

Tgt Ion: 43 Resp: 8942

Ion Ratio Lower Upper

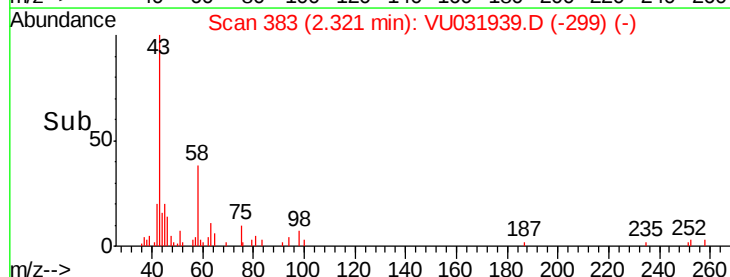
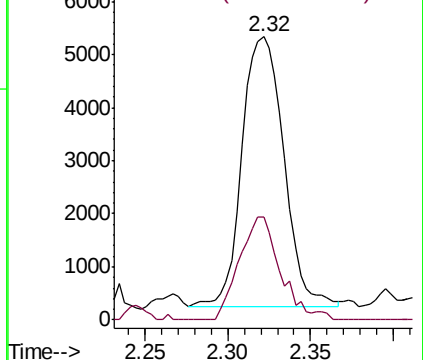
43 100

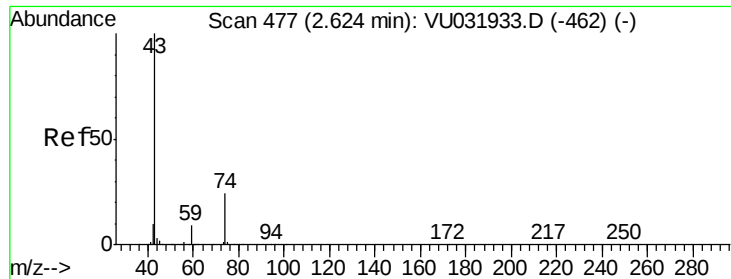
58 36.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

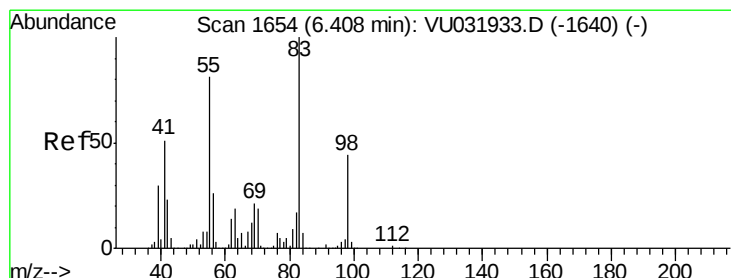
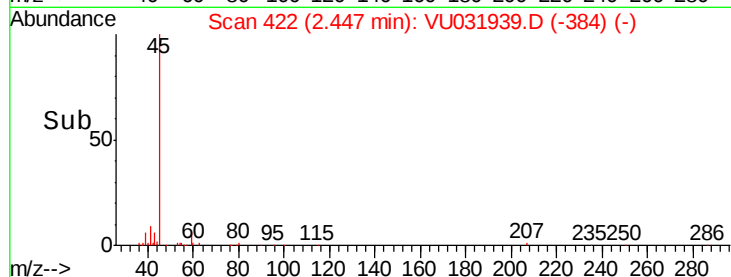
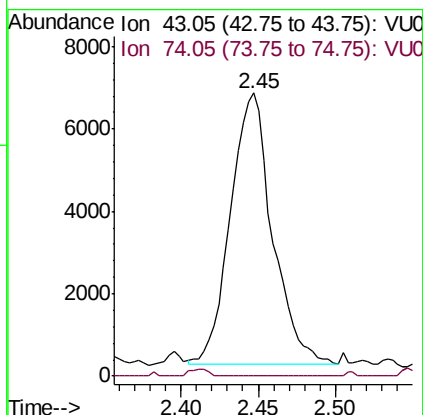
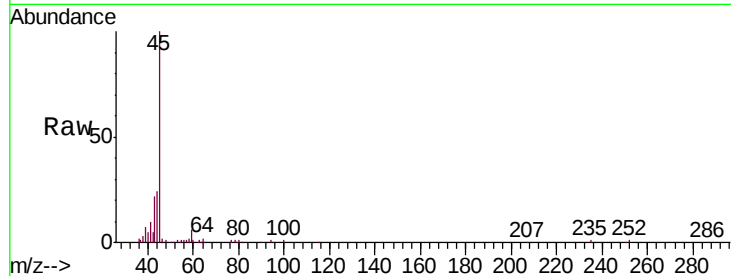




#15
Methyl Acetate
Concen: 0.561 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.18 min
Lab File: VU031939.D
Acq: 12 May 2019 13:33

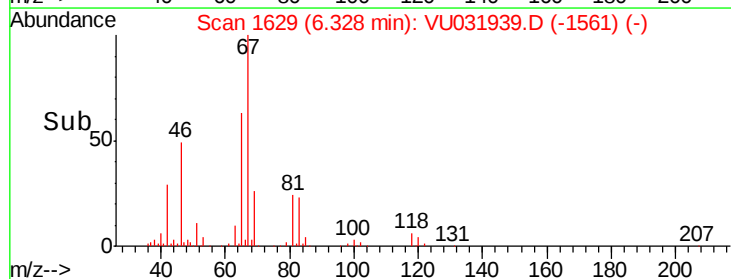
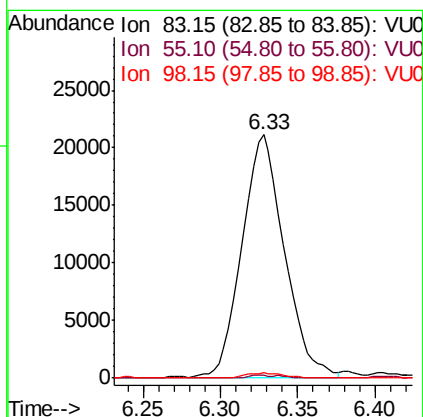
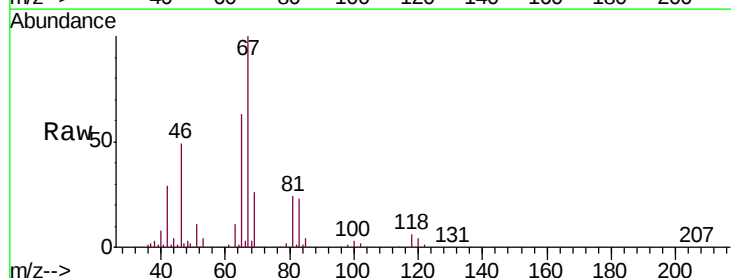
Instrument :
MSVOA_U
ClientSampleId :
F9D33

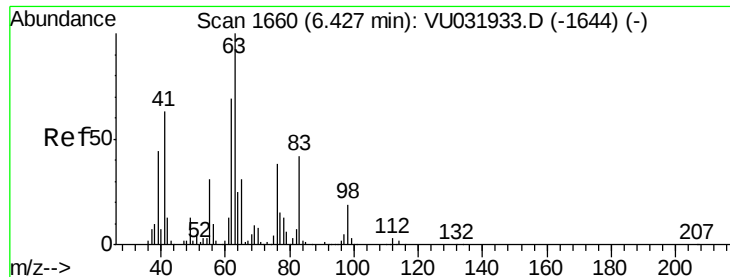
Tgt Ion: 43 Resp: 12398
Ion Ratio Lower Upper
43 100
74 1.1 14.7 22.1#



#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031939.D
Acq: 12 May 2019 13:33

Tgt Ion: 83 Resp: 40456
Ion Ratio Lower Upper
83 100
55 0.5 79.2 118.8#
98 1.9 34.0 51.0#





#37

1,2-Dichloropropane

Concen: 0.403 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU031939.D

Acq: 12 May 2019 13:33

Instrument :

MSVOA_U

ClientSampleId :

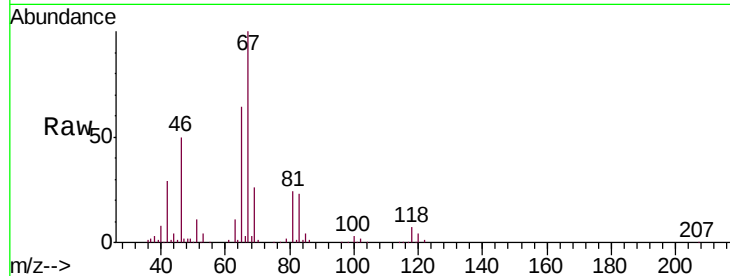
F9D33

Tgt Ion: 63 Resp: 19386

Ion Ratio Lower Upper

63 100

112 0.1 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031939.D (-1628) (-)

Ion 112.10 (111.80 to 112.80): VU031939.D (-1628) (-)

6.32

10000

8000

6000

4000

2000

0

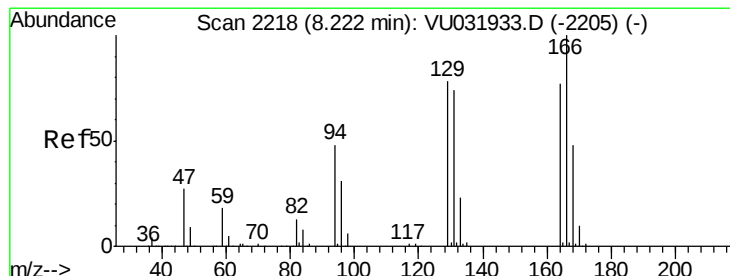
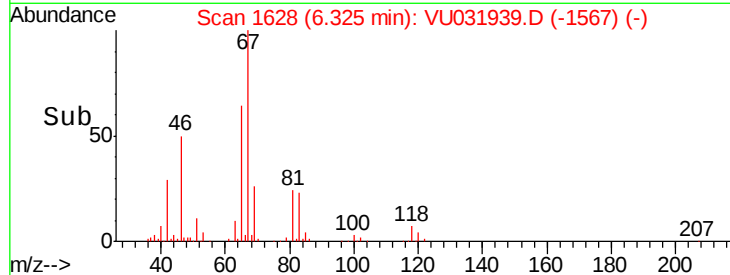
6.25

6.30

6.35

6.40

Time-->



#47

Tetrachloroethene

Concen: 0.159 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031939.D

Acq: 12 May 2019 13:33

Tgt Ion: 164 Resp: 4377

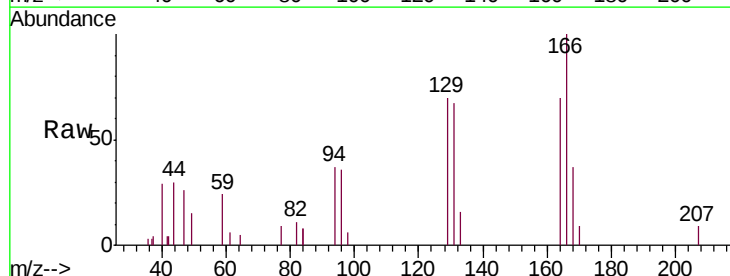
Ion Ratio Lower Upper

164 100

129 100.1 70.3 130.5

131 96.1 65.4 121.4

166 143.0 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): VU031939.D (-2218) (-)

Ion 128.95 (128.65 to 129.65): VU031939.D (-2218) (-)

Ion 130.95 (130.65 to 131.65): VU031939.D (-2218) (-)

Ion 165.90 (165.60 to 166.60): VU031939.D (-2218) (-)

5000

4000

3000

2000

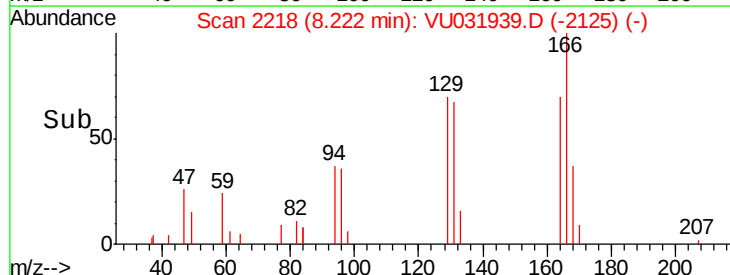
1000

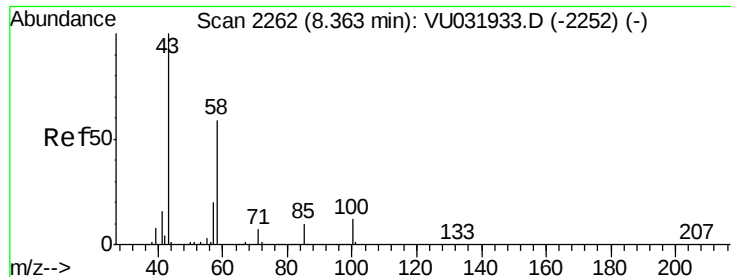
0

8.20

8.25

Time-->

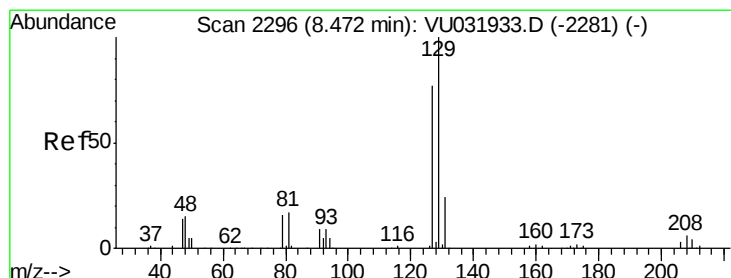
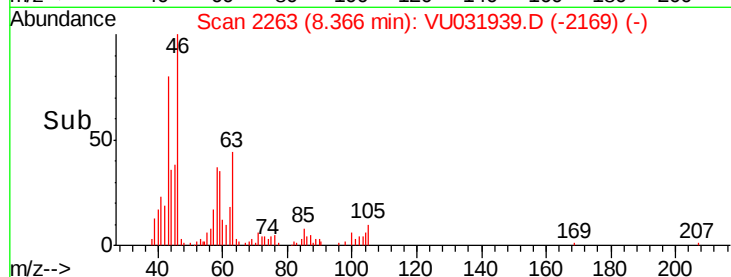
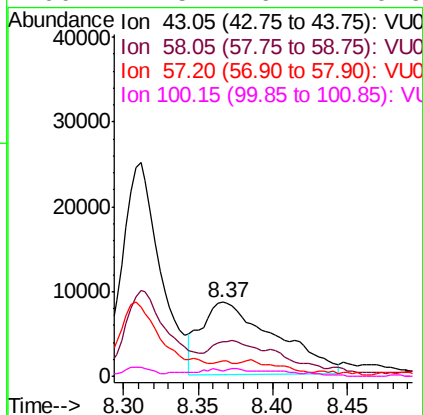
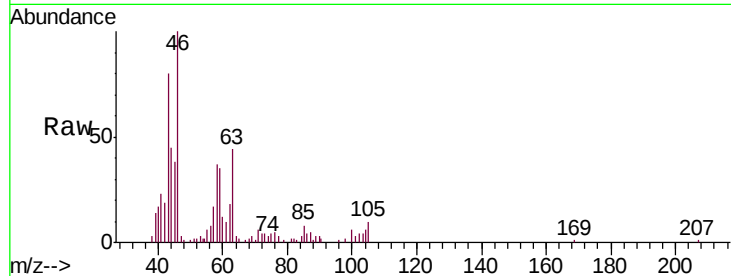




#48
2-Hexanone
Concen: 1.265 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031939.D
Acq: 12 May 2019 13:33

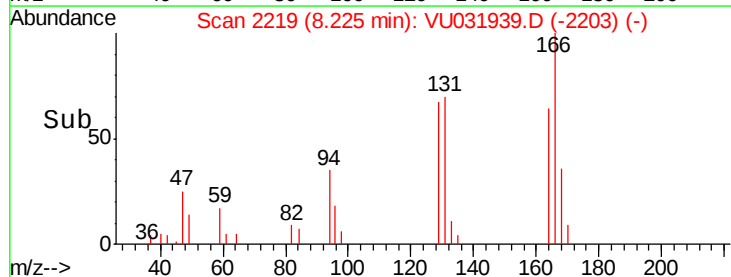
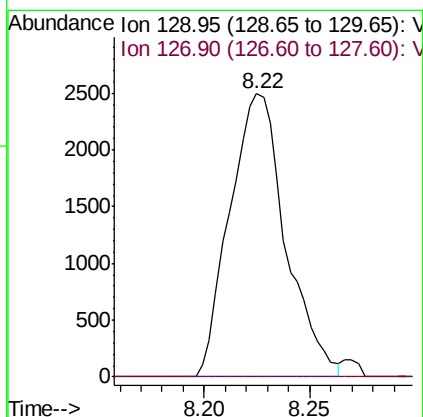
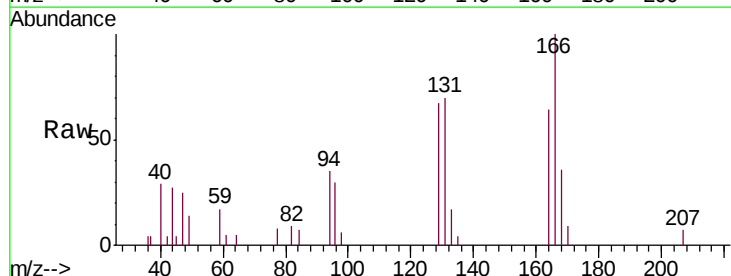
Instrument :
MSVOA_U
ClientSampleId :
F9D33

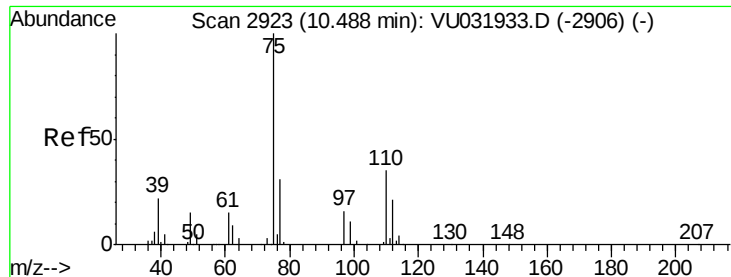
Tgt Ion: 43 Resp: 29145
Ion Ratio Lower Upper
43 100
58 35.0 40.2 60.2#
57 8.1 13.8 20.6#
100 2.5 6.4 9.6#



#49
Dibromochloromethane
Concen: 0.138 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031939.D
Acq: 12 May 2019 13:33

Tgt Ion: 129 Resp: 4593
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#59

1,2,3-Trichloropropane

Concen: 0.811 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031939.D

Acq: 12 May 2019 13:33

Instrument :

MSVOA_U

ClientSampleId :

F9D33

Tgt Ion: 75 Resp: 23127

Ion Ratio Lower Upper

75 100

77 36.7 26.3 39.5

