

Data File : VU031859.D
Acq On : 09 May 2019 07:22
Operator : JC/SP
Sample : K2743-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D41

Quant Time: May 09 08:04:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	412204	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	422576	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129553	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.67	69	119642	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.27	63	202600	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.18	46	526431	48.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	4.64	84	279999	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.31	65	158506	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.33	84	517594	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	188533	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.56	98	396151	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	55319	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.31	63	325718	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153104	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	140218	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

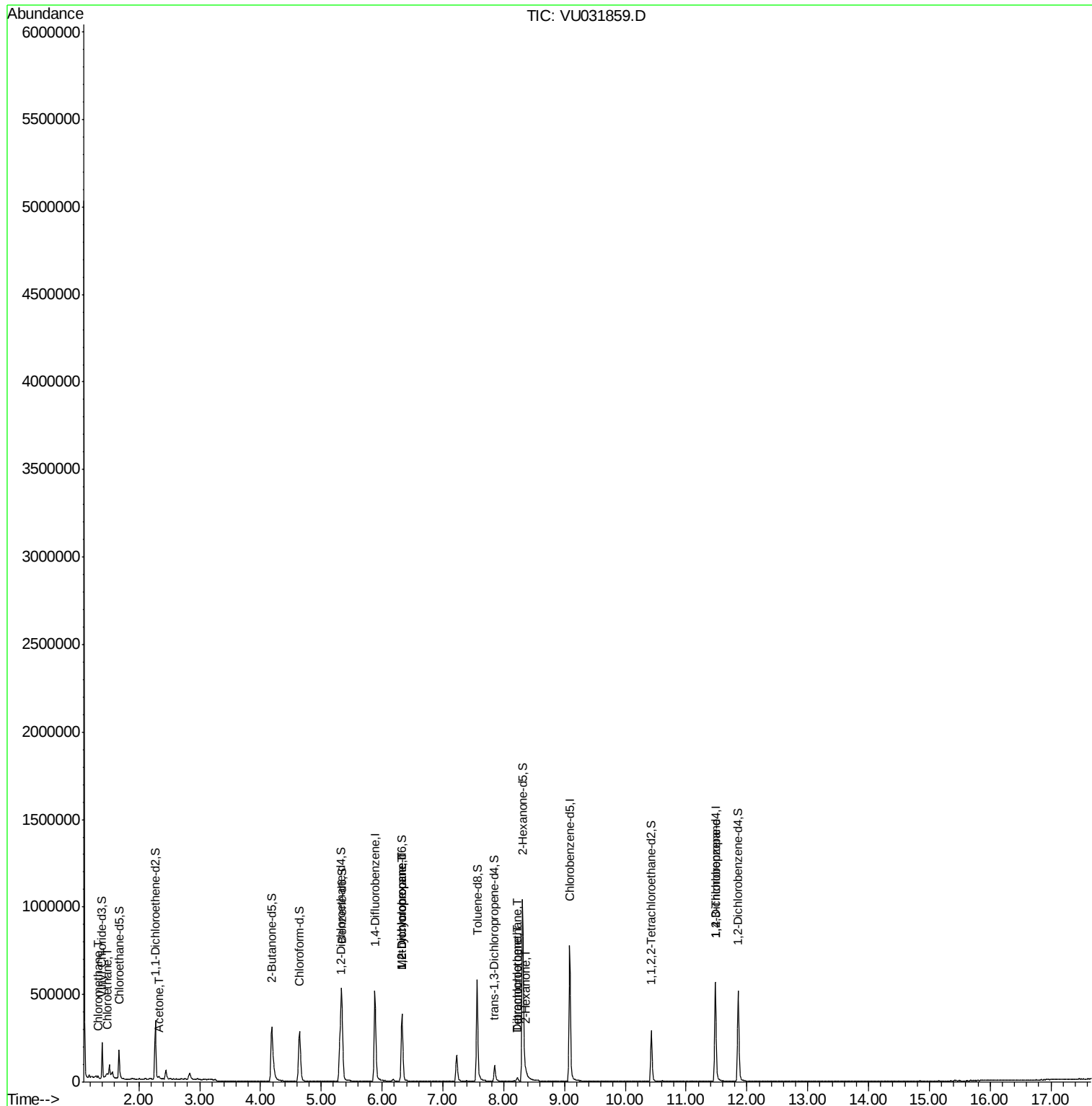
						Qvalue
3) Chloromethane	1.33	50	8228	0.145	ug/L	98
8) Chloroethane	1.48	64	24706	0.907	ug/L #	51
13) Acetone	2.32	43	10456	1.396	ug/L	95
35) Methylcyclohexane	6.33	83	40391	0.757	ug/L #	11
37) 1,2-Dichloropropane	6.32	63	19124	0.454	ug/L #	92
47) Tetrachloroethene	8.23	164	5111	0.212	ug/L	87
48) 2-Hexanone	8.37	43	22514	1.116	ug/L #	86
49) Dibromochloromethane	8.22	129	5865	0.202	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21330	0.855	ug/L	96

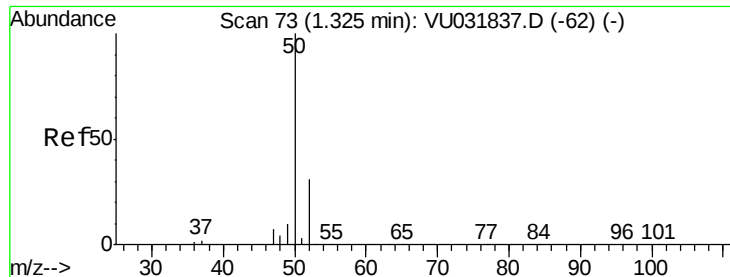
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU031859.D

Acq: 09 May 2019 07:22

Instrument :

MSVOA_U

ClientSampleId :

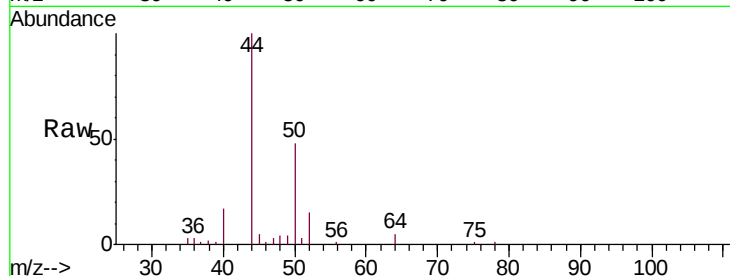
F9D41

Tgt Ion: 50 Resp: 8228

Ion Ratio Lower Upper

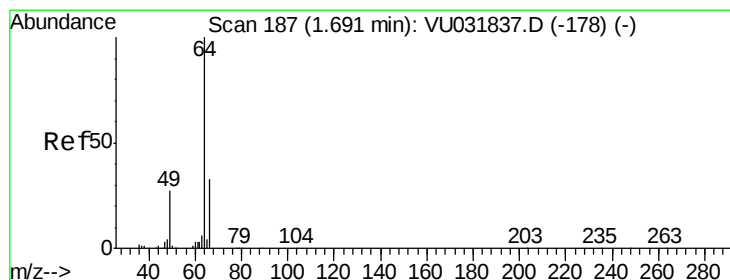
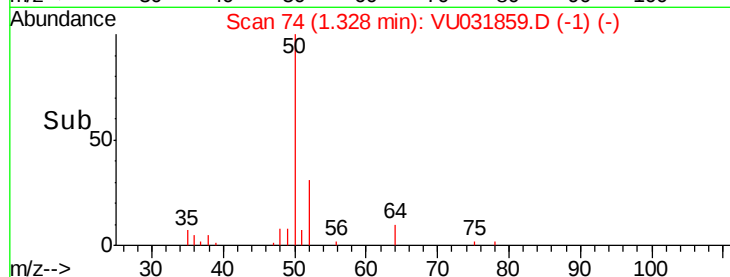
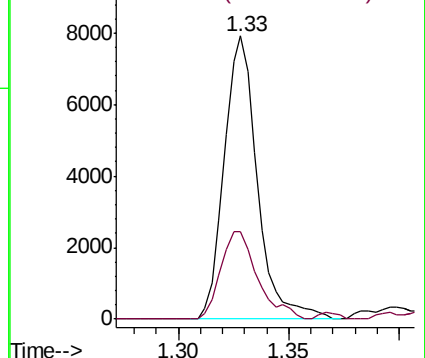
50 100

52 31.1 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.907 ug/L

RT: 1.48 min Scan# 122

Delta R.T. -0.21 min

Lab File: VU031859.D

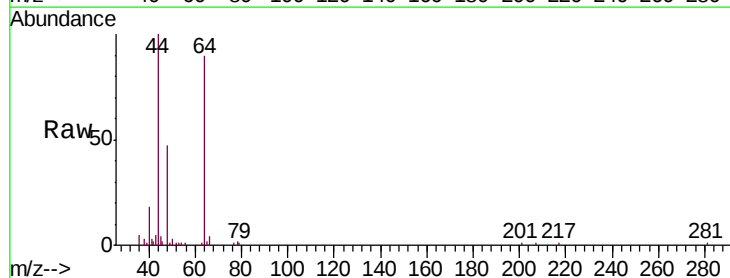
Acq: 09 May 2019 07:22

Tgt Ion: 64 Resp: 24706

Ion Ratio Lower Upper

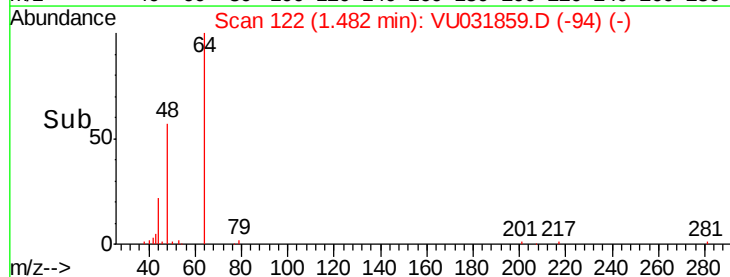
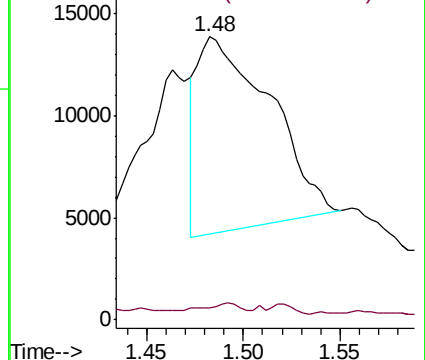
64 100

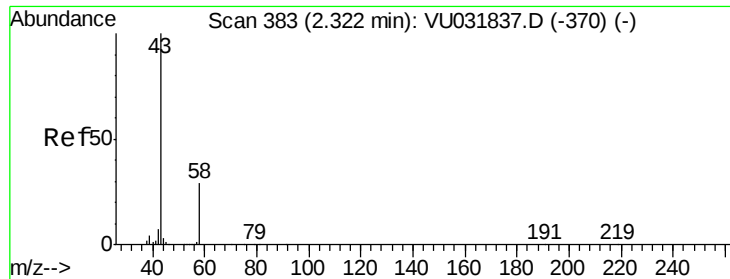
66 4.3 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 1.396 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU031859.D

Acq: 09 May 2019 07:22

Instrument :

MSVOA_U

ClientSampleId :

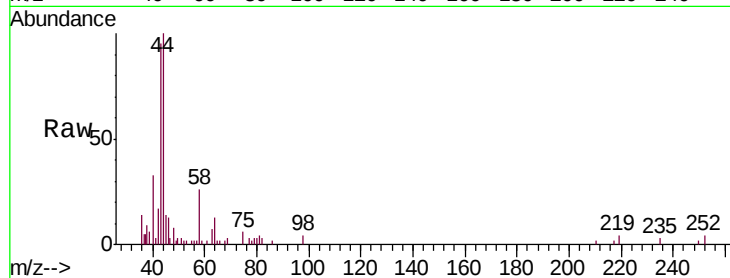
F9D41

Tgt Ion: 43 Resp: 10456

Ion Ratio Lower Upper

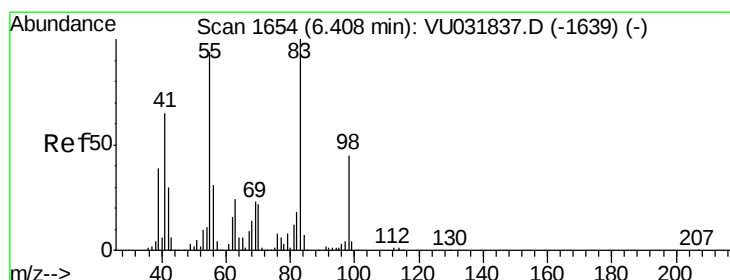
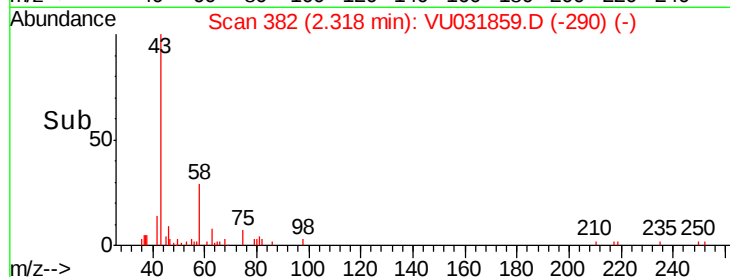
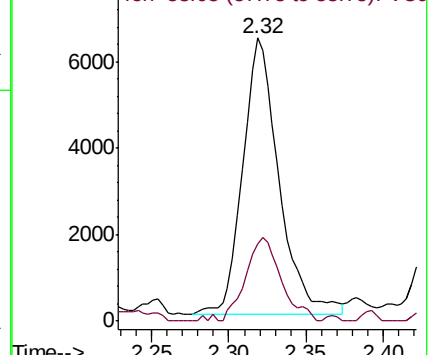
43 100

58 29.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031837.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU031837.D (-370) (-)



#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031859.D

Acq: 09 May 2019 07:22

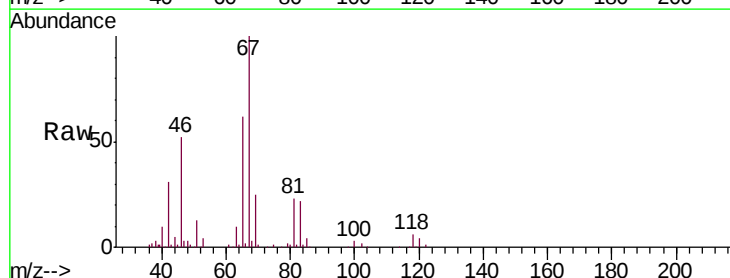
Tgt Ion: 83 Resp: 40391

Ion Ratio Lower Upper

83 100

55 0.4 79.2 118.8#

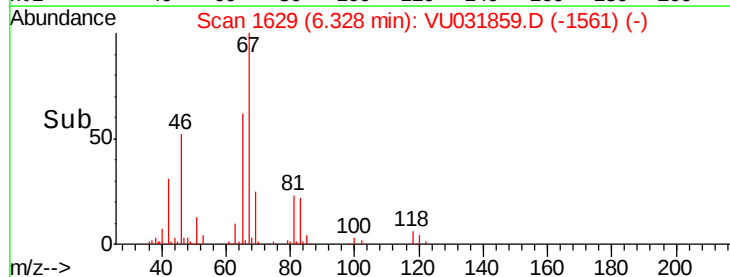
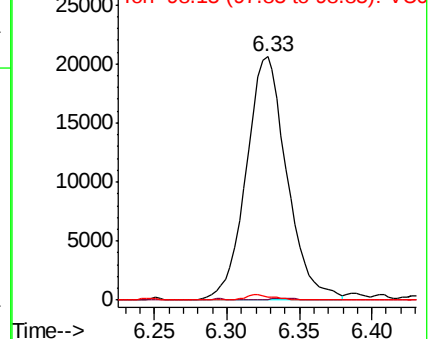
98 1.5 34.0 51.0#

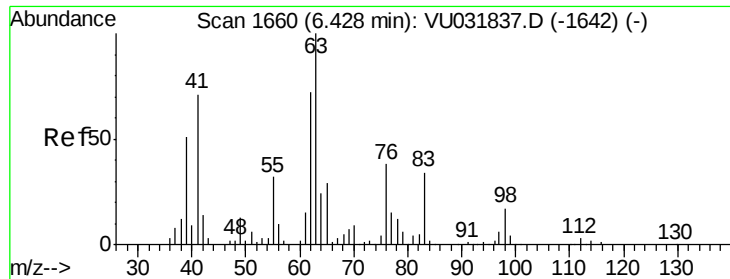


Abundance Ion 83.15 (82.85 to 83.85): VU031837.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU031837.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU031837.D (-1639) (-)





#37

1,2-Dichloropropane

Concen: 0.454 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU031859.D

Acq: 09 May 2019 07:22

Instrument :

MSVOA_U

ClientSampled :

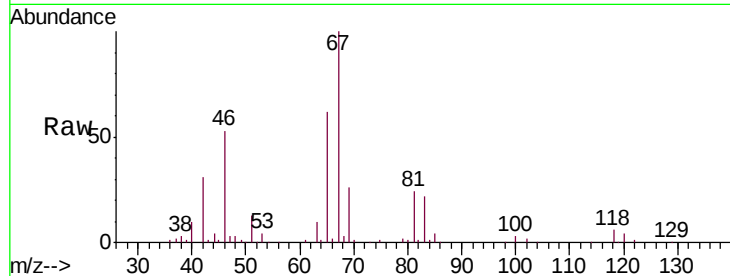
F9D41

Tgt Ion: 63 Resp: 19124

Ion Ratio Lower Upper

63 100

112 0.5 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031837.D (-1642) (-)

Ion 112.10 (111.80 to 112.80): VU031837.D (-1642) (-)

6.32

10000

8000

6000

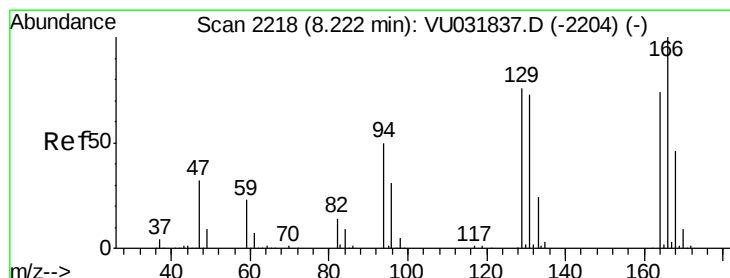
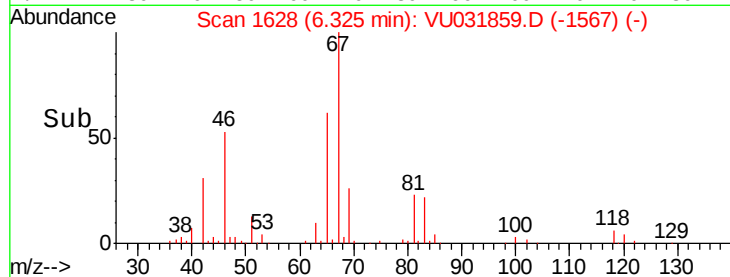
4000

2000

0

6.25 6.30 6.35 6.40

Time-->



#47

Tetrachloroethene

Concen: 0.212 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031859.D

Acq: 09 May 2019 07:22

Tgt Ion: 164 Resp: 5111

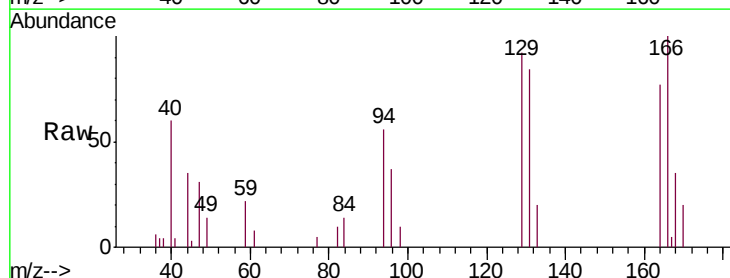
Ion Ratio Lower Upper

164 100

129 118.2 70.3 130.5

131 109.0 65.4 121.4

166 129.1 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): VU031837.D (-2204) (-)

Ion 128.95 (128.65 to 129.65): VU031837.D (-2204) (-)

Ion 130.95 (130.65 to 131.65): VU031837.D (-2204) (-)

Ion 165.90 (165.60 to 166.60): VU031837.D (-2204) (-)

6000

5000

4000

3000

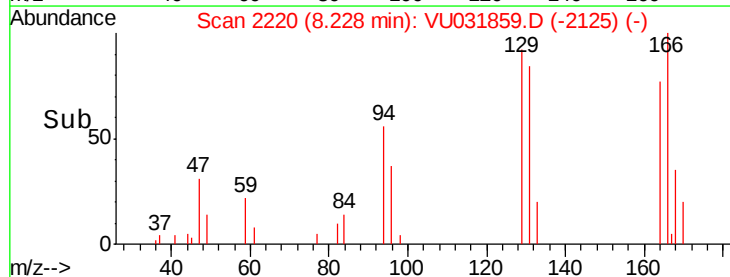
2000

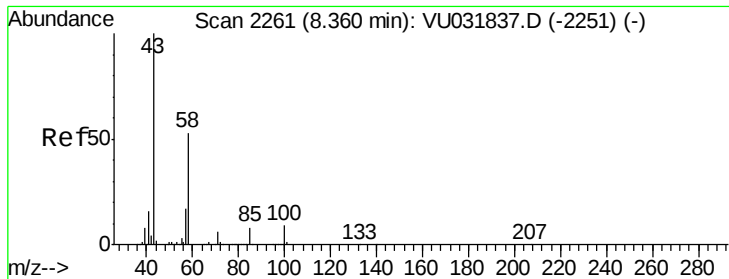
1000

0

8.20 8.25 8.30

Time-->

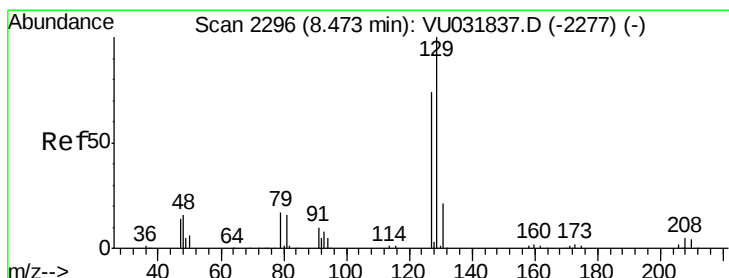
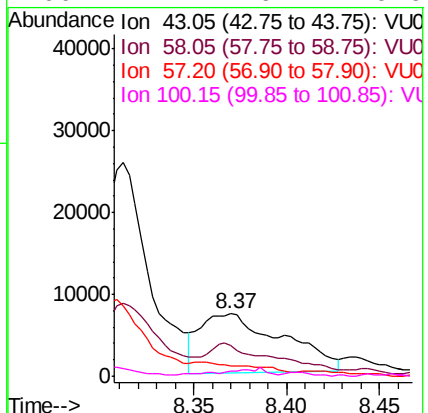
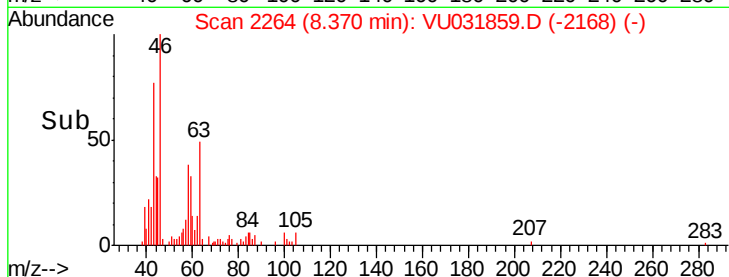
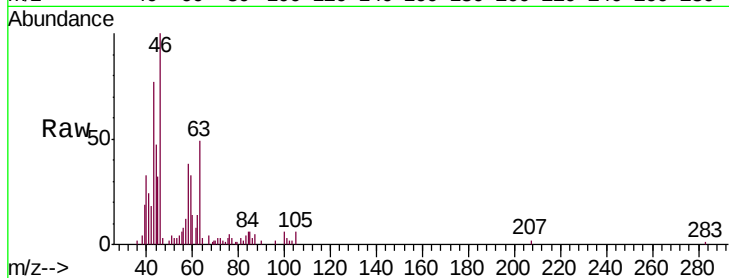




#48
2-Hexanone
Concen: 1.116 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031859.D
Acq: 09 May 2019 07:22

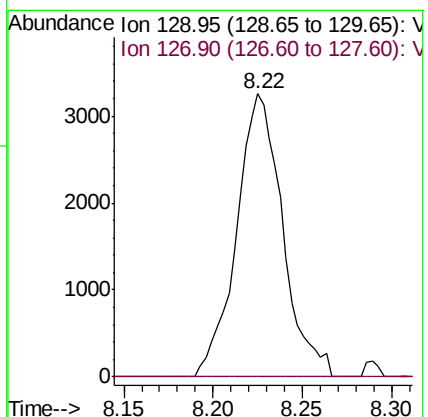
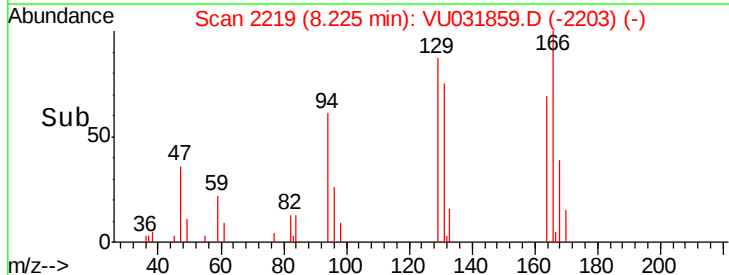
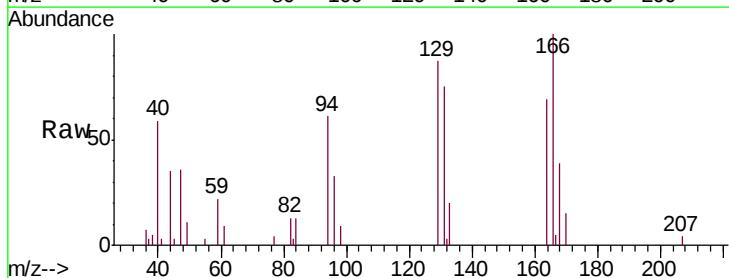
Instrument :
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ClientSampleId :
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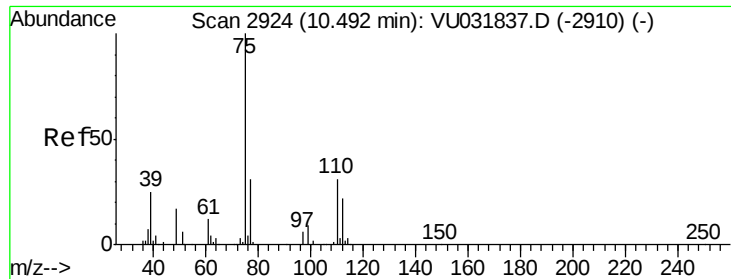
Tgt Ion: 43 Resp: 22514
Ion Ratio Lower Upper
43 100
58 44.8 40.2 60.2
57 0.0 13.8 20.6#
100 7.4 6.4 9.6



#49
Dibromochloromethane
Concen: 0.202 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031859.D
Acq: 09 May 2019 07:22

Tgt Ion: 129 Resp: 5865
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#59

1,2,3-Trichloropropane

Concen: 0.855 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031859.D

Acq: 09 May 2019 07:22

Instrument :

MSVOA_U

ClientSampleId :

F9D41

Tgt Ion: 75 Resp: 21330

Ion Ratio Lower Upper

75 100

77 35.1 26.3 39.5

