

Data File : VU031852.D
Acq On : 09 May 2019 04:28
Operator : JC/SP
Sample : K2743-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D25

Quant Time: May 09 07:03:32 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	419804	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130806	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.67	69	118540	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.27	63	196650	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.19	46	510604	45.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.42%
24) Chloroform-d	4.64	84	281150	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	156876	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.33	84	524954	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.32	67	191924	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.56	98	403884	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	56335	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	323934	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153218	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	140684	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

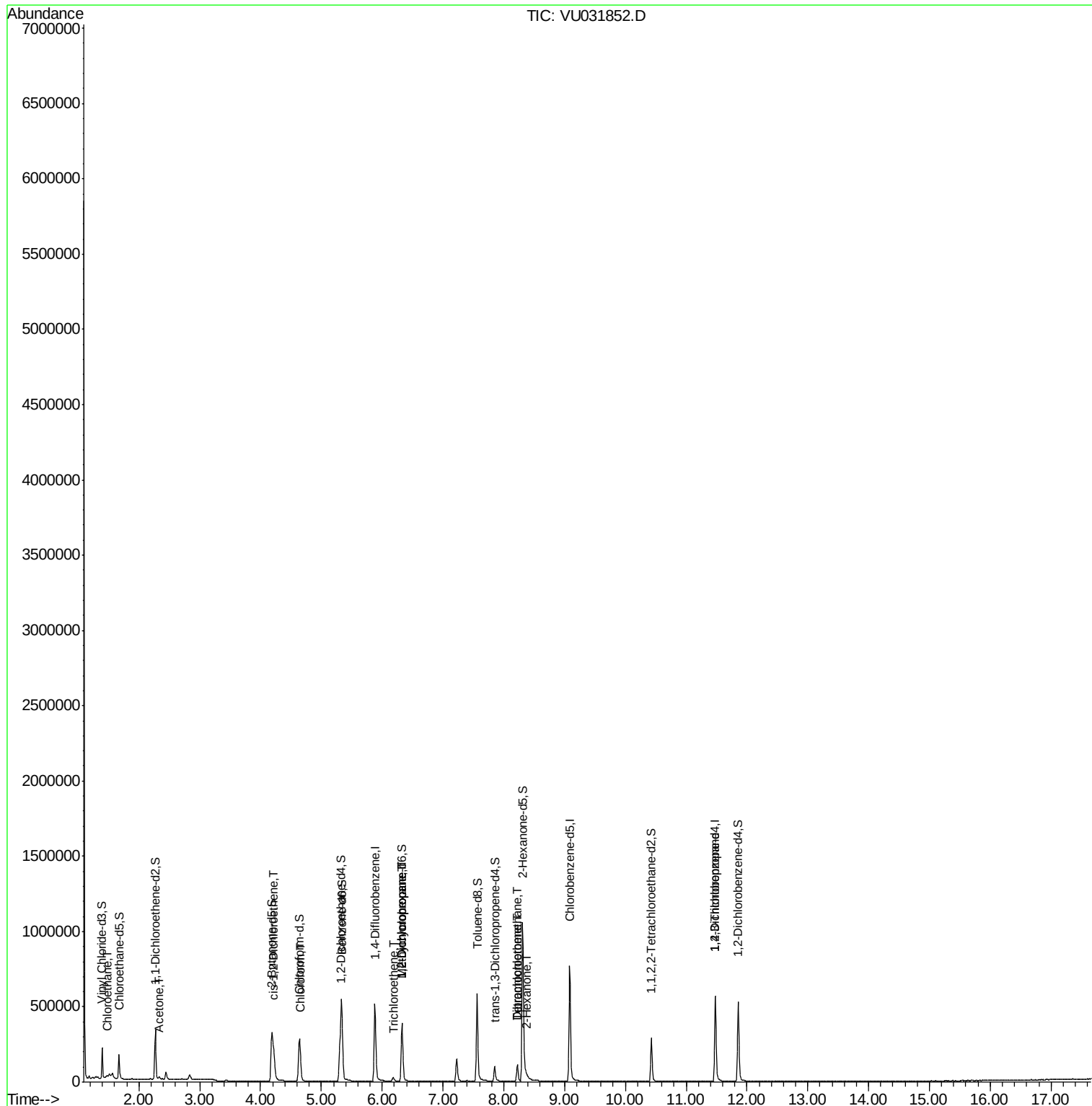
					Qvalue
8) Chloroethane	1.49	64	43412	1.566 ug/L #	54
13) Acetone	2.32	43	8244	1.081 ug/L	81
22) cis-1,2-Dichloroethene	4.22	96	64874	1.756 ug/L	88
25) Chloroform	4.67	83	9857	0.132 ug/L	85
34) Trichloroethene	6.19	95	7497	0.201 ug/L	87
35) Methylcyclohexane	6.32	83	40748	0.761 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	19984	0.472 ug/L #	92
47) Tetrachloroethene	8.22	164	24721	1.020 ug/L	96
48) 2-Hexanone	8.38	43	21293	1.052 ug/L #	87
49) Dibromochloromethane	8.22	129	25508	0.875 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	20504	0.819 ug/L	89

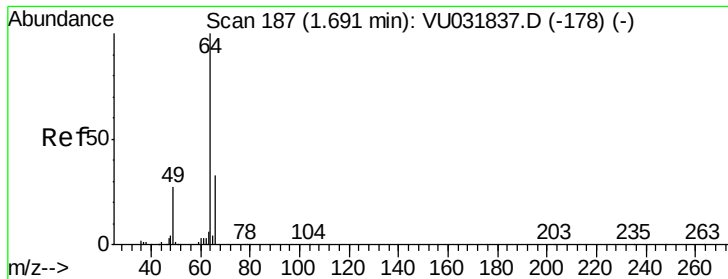
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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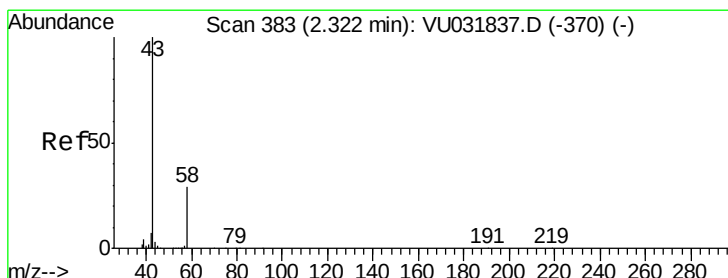
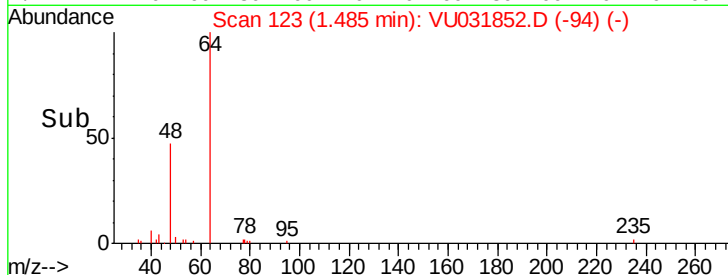
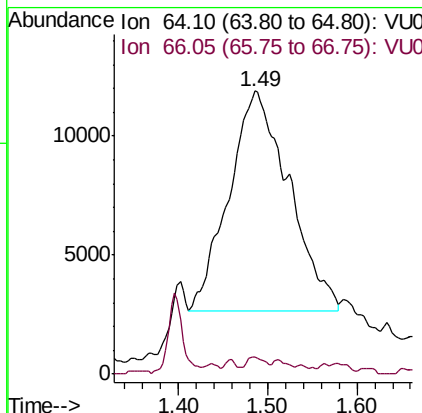
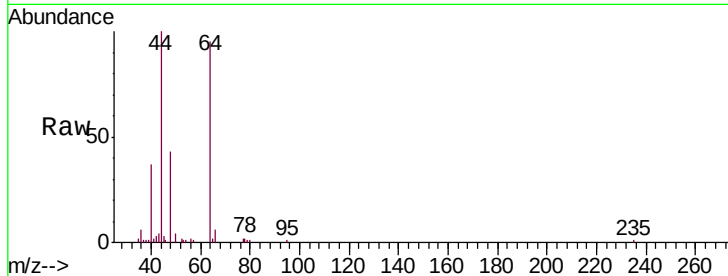




#8
Chloroethane
Concen: 1.566 ug/L
RT: 1.49 min Scan# 123
Delta R.T. -0.21 min
Lab File: VU031852.D
Acq: 09 May 2019 04:28

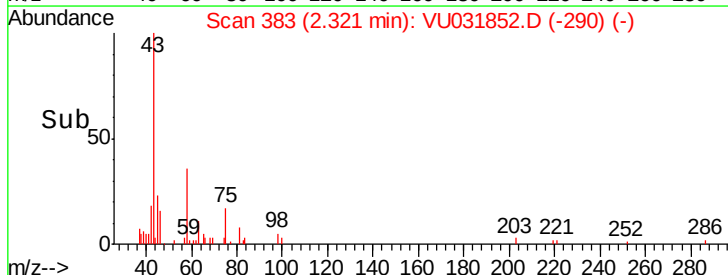
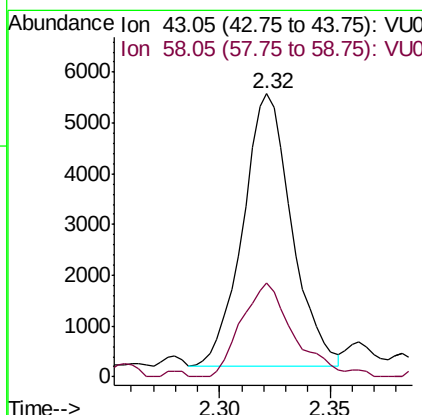
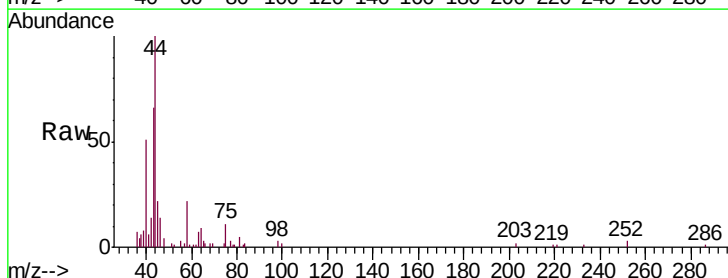
Instrument :
MSVOA_U
ClientSampleId :
F9D25

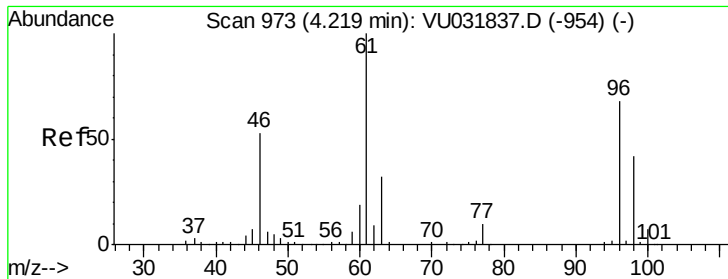
Tgt Ion: 64 Resp: 43412
Ion Ratio Lower Upper
64 100
66 6.0 21.9 40.7#



#13
Acetone
Concen: 1.081 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU031852.D
Acq: 09 May 2019 04:28

Tgt Ion: 43 Resp: 8244
Ion Ratio Lower Upper
43 100
58 36.5 0.0 53.6





#22

cis-1,2-Dichloroethene

Concen: 1.756 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Instrument :

MSVOA_U

ClientSampleId :

F9D25

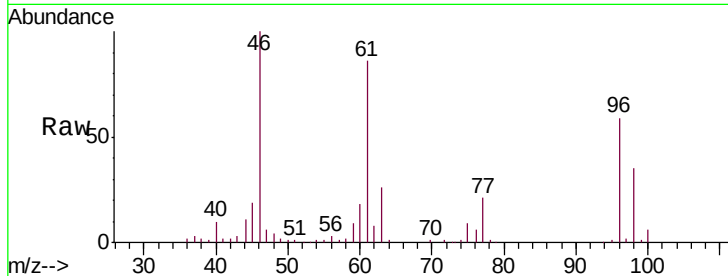
Tgt Ion: 96 Resp: 64874

Ion Ratio Lower Upper

96 100

61 145.9 113.3 210.5

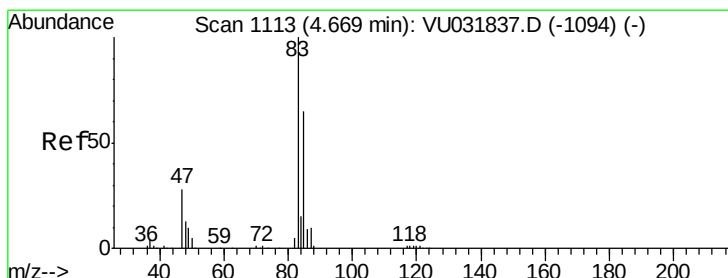
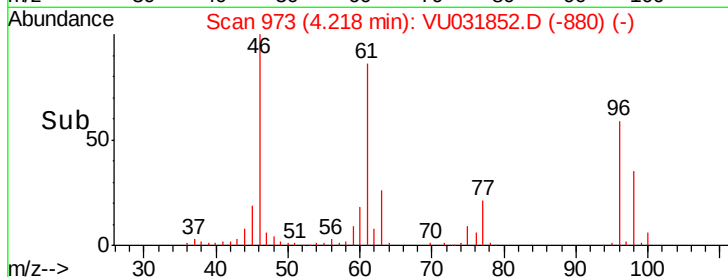
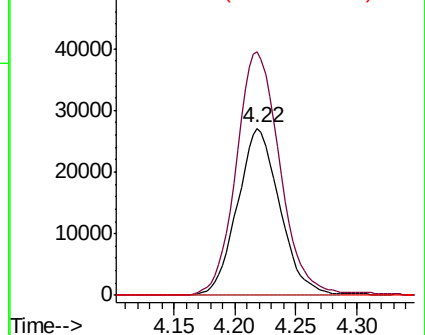
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031837.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU031837.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU031837.D (-954) (-)



#25

Chloroform

Concen: 0.132 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU031852.D

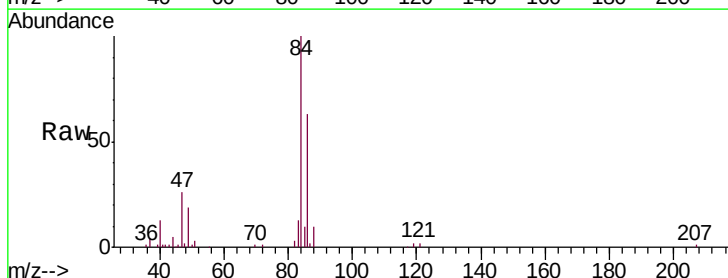
Acq: 09 May 2019 04:28

Tgt Ion: 83 Resp: 9857

Ion Ratio Lower Upper

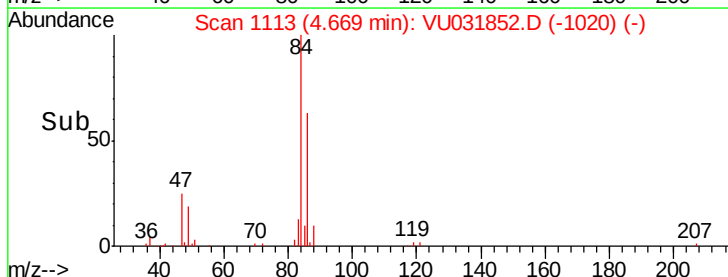
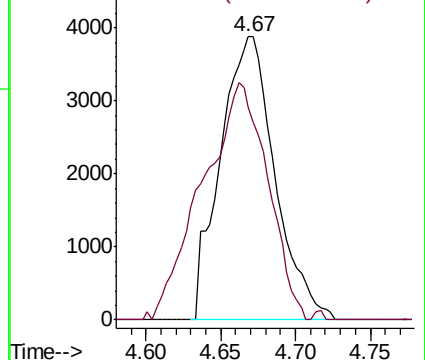
83 100

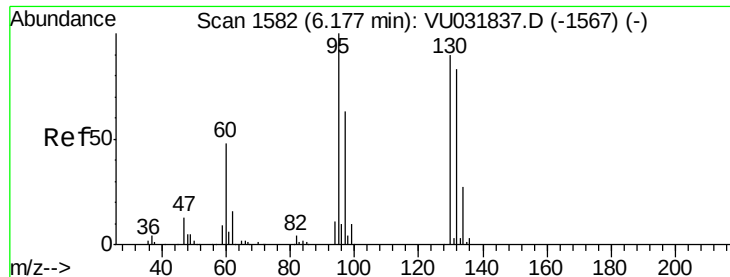
85 75.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU031837.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU031837.D (-1094) (-)





#34

Trichloroethene

Concen: 0.201 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Instrument :

MSVOA_U

ClientSampleId :

F9D25

Tgt Ion: 95 Resp: 7497

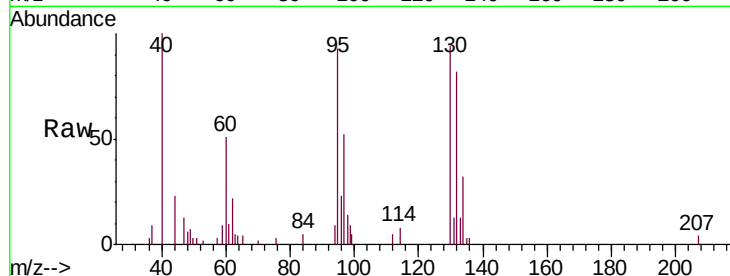
Ion Ratio Lower Upper

95 100

97 55.9 45.8 85.2

132 88.5 56.0 104.0

130 100.7 60.4 112.2

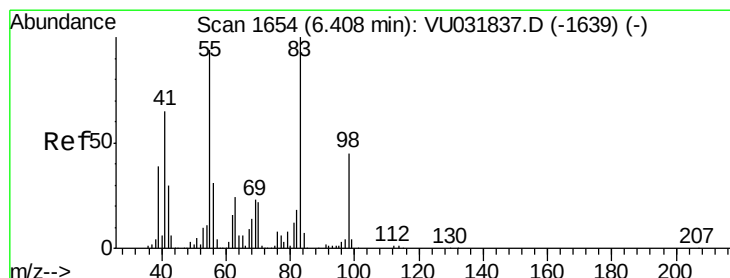
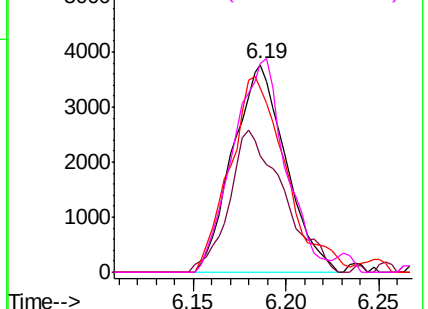
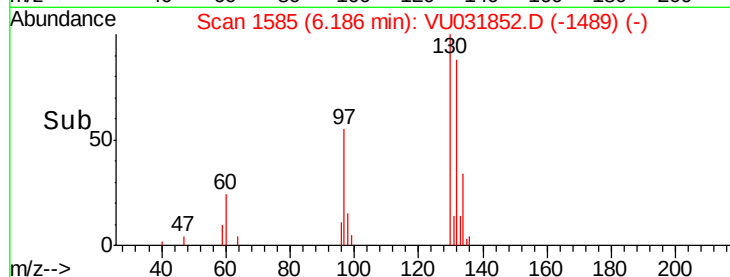


Abundance Ion 95.00 (94.70 to 95.70): VU031837.D (-1567) (-)

Ion 96.95 (96.65 to 97.65): VU031837.D (-1567) (-)

Ion 131.95 (131.65 to 132.65): VU031837.D (-1567) (-)

Ion 129.95 (129.65 to 130.65): VU031837.D (-1567) (-)



#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

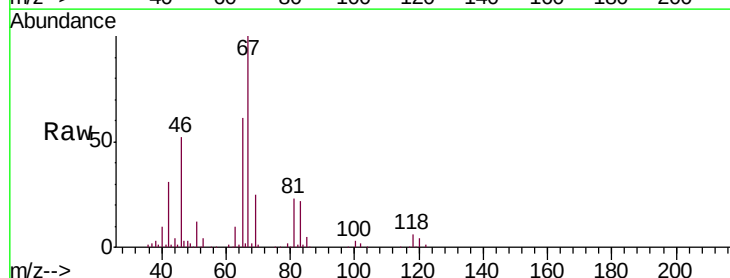
Tgt Ion: 83 Resp: 40748

Ion Ratio Lower Upper

83 100

55 0.6 79.2 118.8#

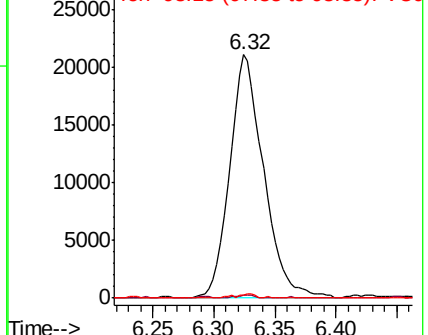
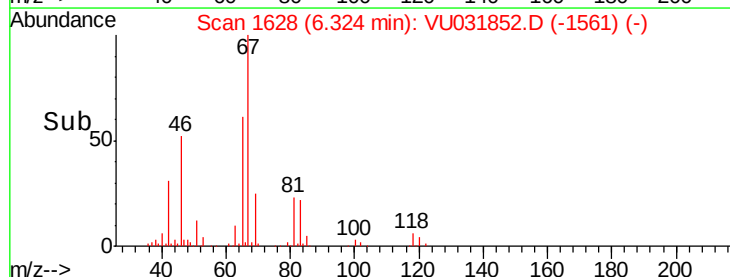
98 0.7 34.0 51.0#

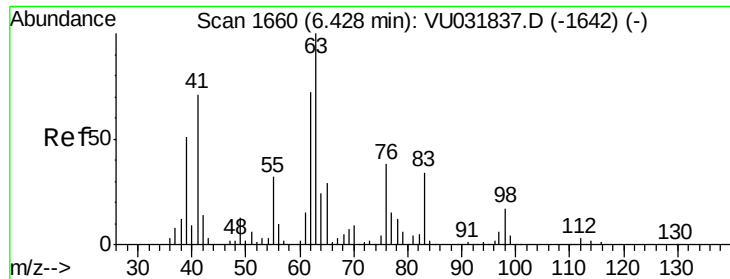


Abundance Ion 83.15 (82.85 to 83.85): VU031837.D (-1639) (-)

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

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

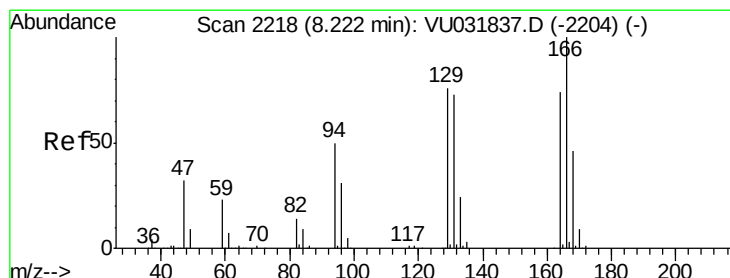
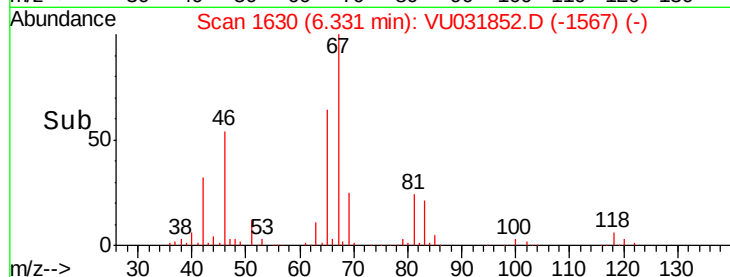
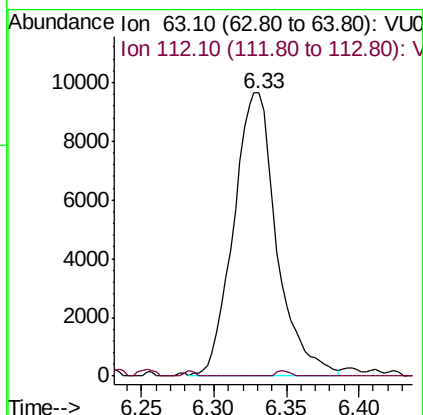
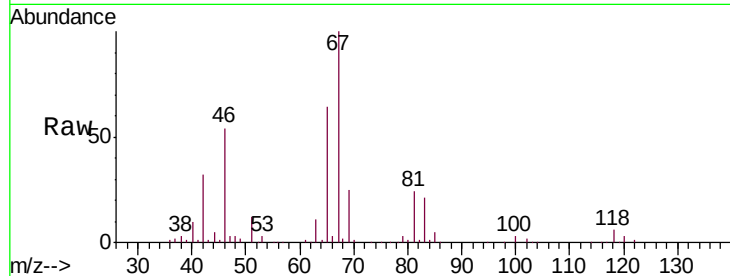




#37
 1,2-Dichloropropane
 Concen: 0.472 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU031852.D
 Acq: 09 May 2019 04:28

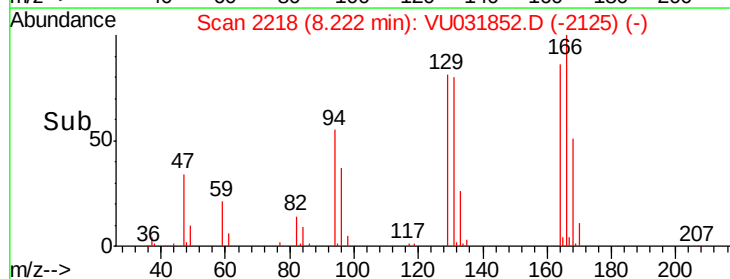
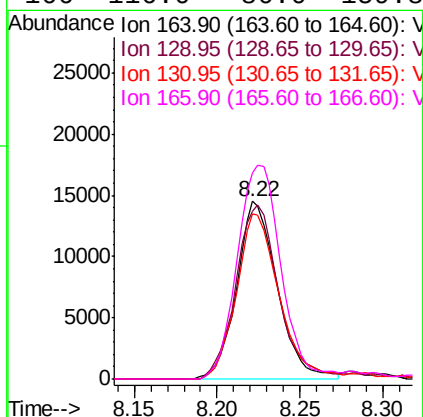
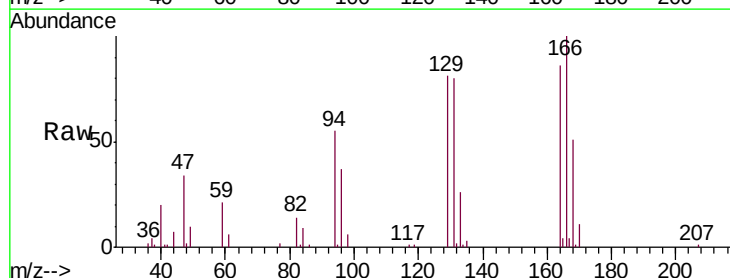
Instrument :
 MSVOA_U
 ClientSampled :
 F9D25

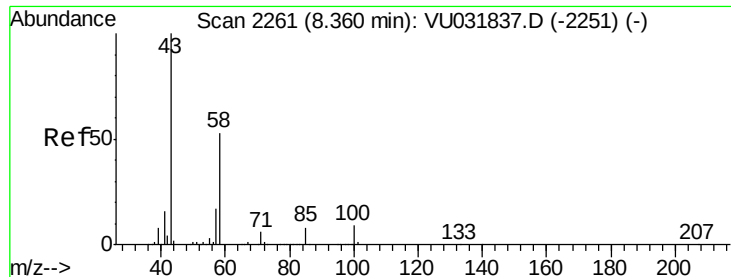
Tgt Ion: 63 Resp: 19984
 Ion Ratio Lower Upper
 63 100
 112 0.6 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 1.020 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031852.D
 Acq: 09 May 2019 04:28

Tgt Ion: 164 Resp: 24721
 Ion Ratio Lower Upper
 164 100
 129 94.4 70.3 130.5
 131 92.8 65.4 121.4
 166 116.0 86.0 159.8





#48

2-Hexanone

Concen: 1.052 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.02 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Instrument :

MSVOA_U

ClientSampled :

F9D25

Tgt Ion: 43 Resp: 21293

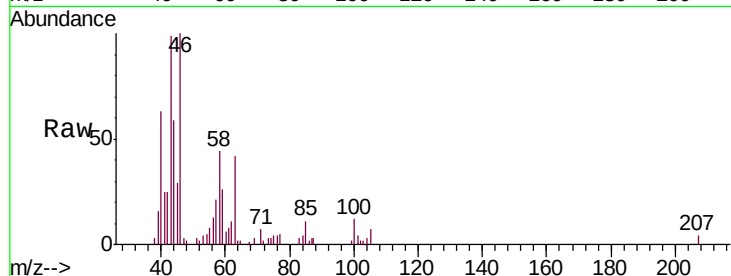
Ion Ratio Lower Upper

43 100

58 55.7 40.2 60.2

57 4.6 13.8 20.6#

100 5.8 6.4 9.6#

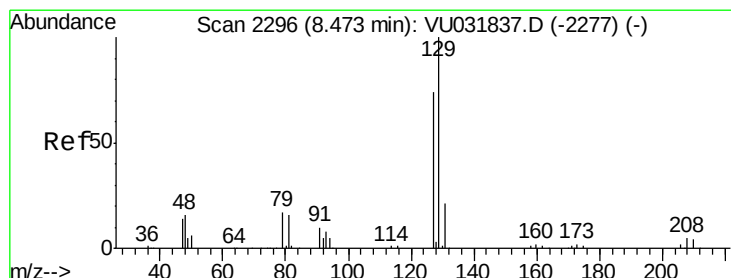
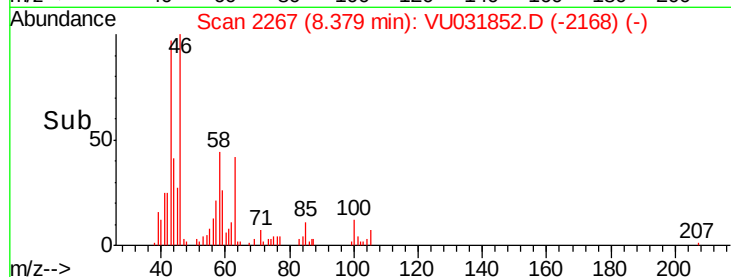
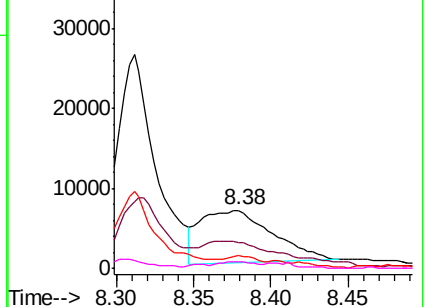


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#49

Dibromochloromethane

Concen: 0.875 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031852.D

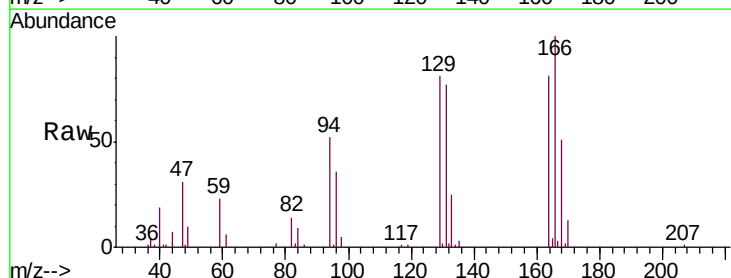
Acq: 09 May 2019 04:28

Tgt Ion: 129 Resp: 25508

Ion Ratio Lower Upper

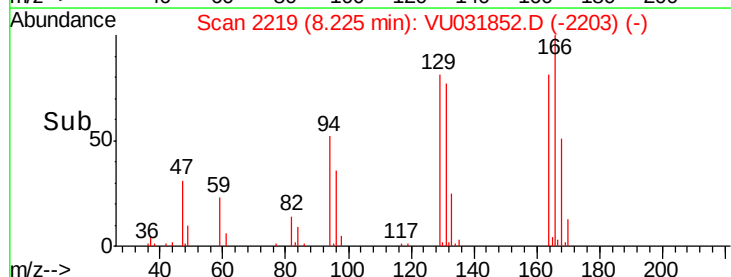
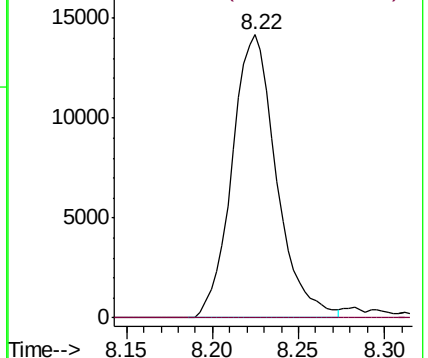
129 100

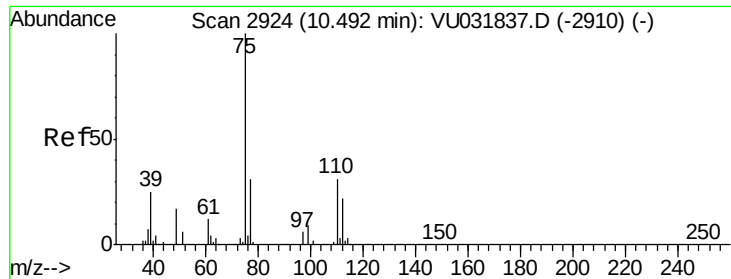
127 0.0 54.7 101.7#



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: 0.819 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Instrument :

MSVOA_U

ClientSampleId :

F9D25

Tgt Ion: 75 Resp: 20504

Ion Ratio Lower Upper

75 100

77 39.2 26.3 39.5

