

Data File : VU031858.D
Acq On : 09 May 2019 06:57
Operator : JC/SP
Sample : K2743-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D39

Quant Time: May 09 08:04:12 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	413035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130919	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	119949	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	195356	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.19	46	515972	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.64	84	272859	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.31	65	160002	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.33	84	518424	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.33	67	188775	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.56	98	403653	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.85	79	55088	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.31	63	320695	44.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151282	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	140438	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

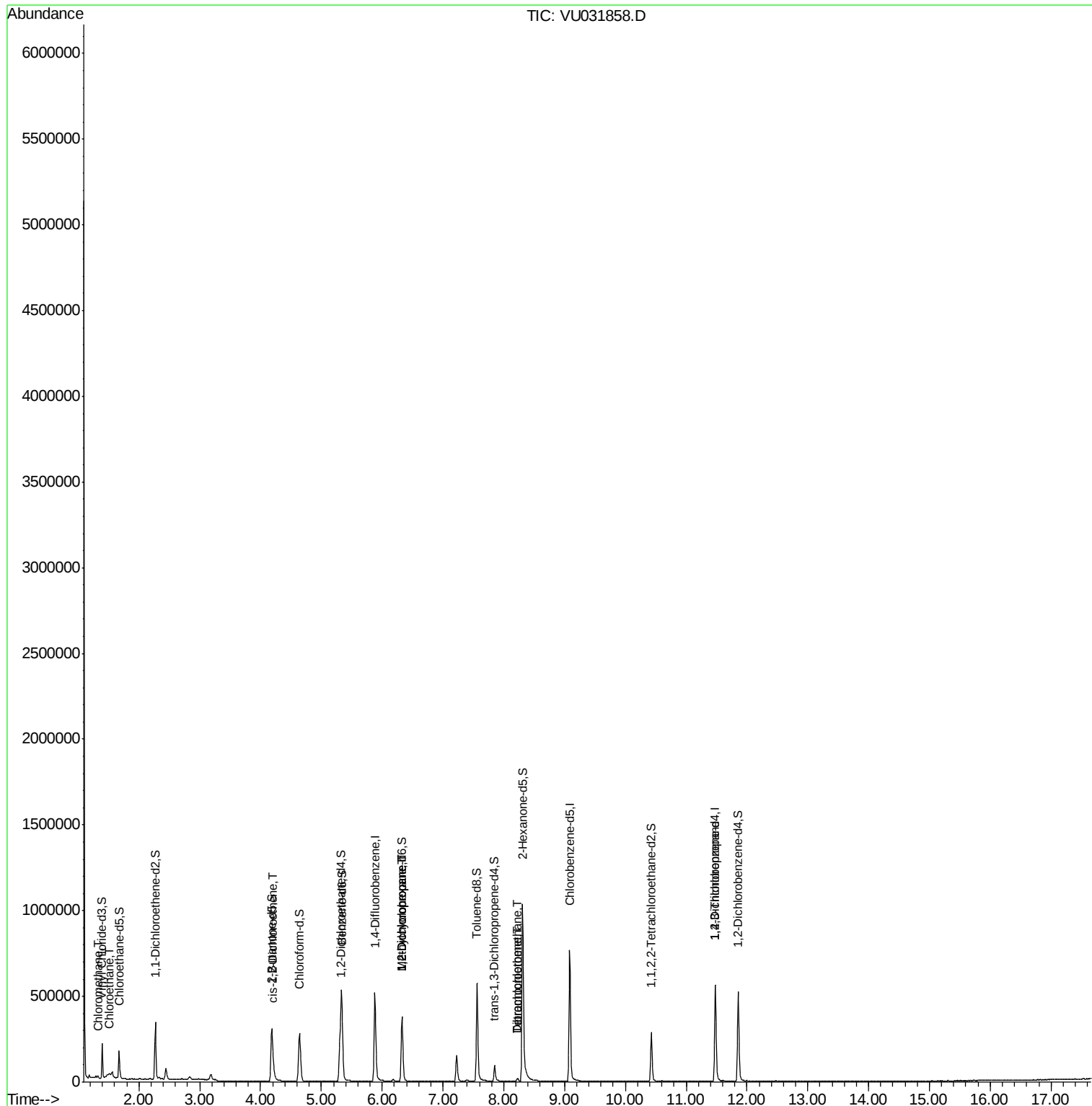
						Qvalue
3) Chloromethane	1.33	50	9702	0.171	ug/L	95
8) Chloroethane	1.50	64	50443	1.849	ug/L #	52
22) cis-1,2-Dichloroethene	4.21	96	4231	0.116	ug/L #	57
35) Methylcyclohexane	6.32	83	40664	0.754	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20061	0.470	ug/L #	93
47) Tetrachloroethene	8.22	164	4340	0.178	ug/L	85
49) Dibromochloromethane	8.22	129	4607	0.157	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	22053	0.874	ug/L	99

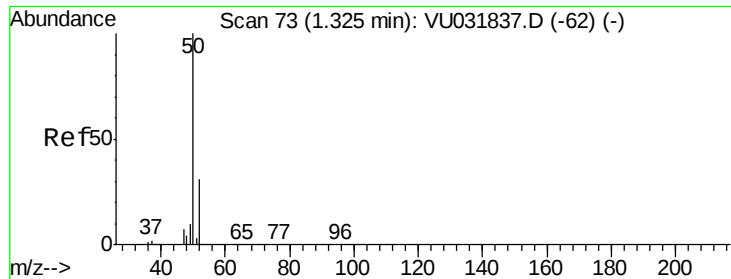
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.171 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU031858.D

Acq: 09 May 2019 06:57

Instrument :

MSVOA_U

ClientSampleId :

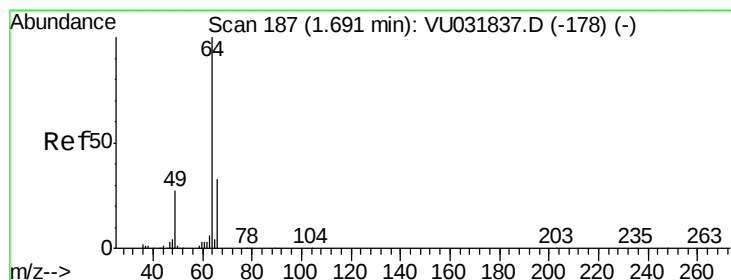
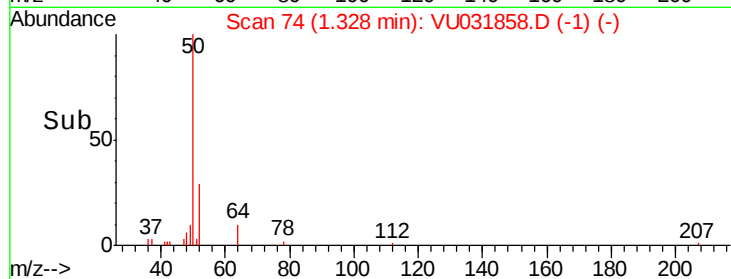
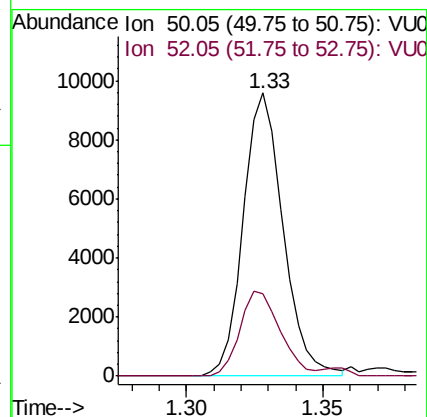
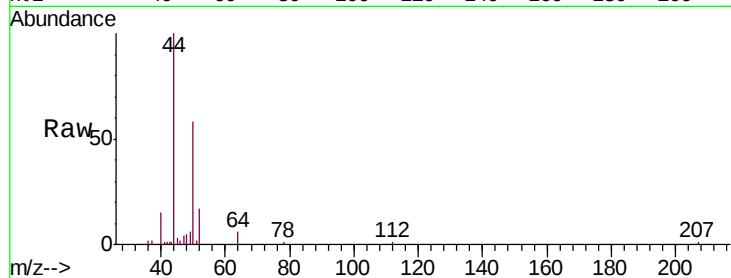
F9D39

Tgt Ion: 50 Resp: 9702

Ion Ratio Lower Upper

50 100

52 29.3 22.5 41.7



#8

Chloroethane

Concen: 1.849 ug/L

RT: 1.50 min Scan# 129

Delta R.T. -0.19 min

Lab File: VU031858.D

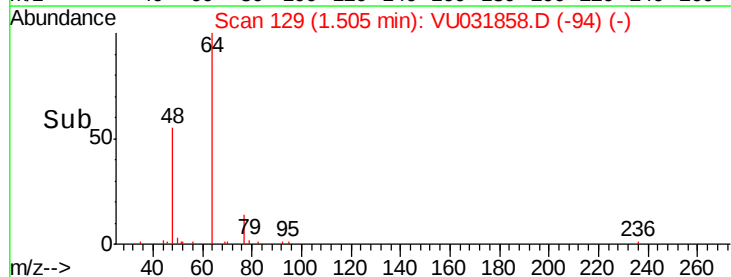
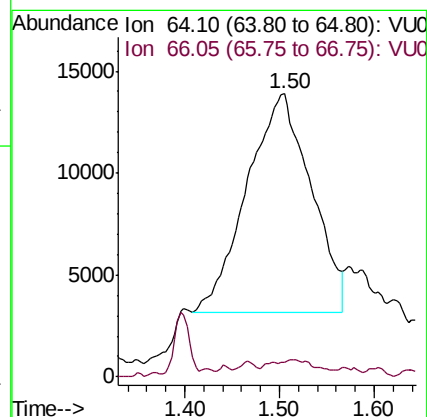
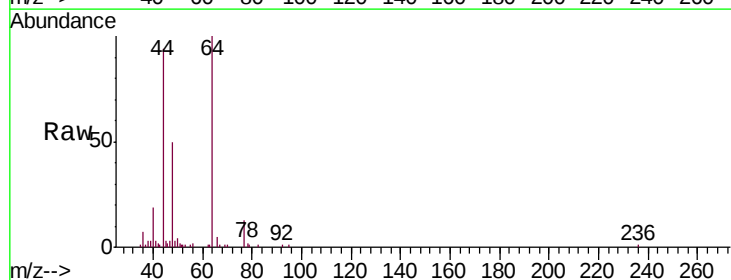
Acq: 09 May 2019 06:57

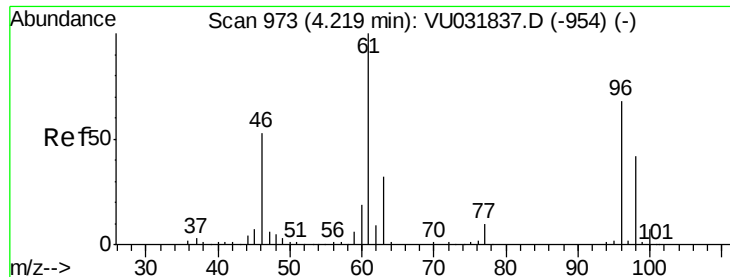
Tgt Ion: 64 Resp: 50443

Ion Ratio Lower Upper

64 100

66 5.0 21.9 40.7#





#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU031858.D

Acq: 09 May 2019 06:57

Instrument :

MSVOA_U

ClientSampleId :

F9D39

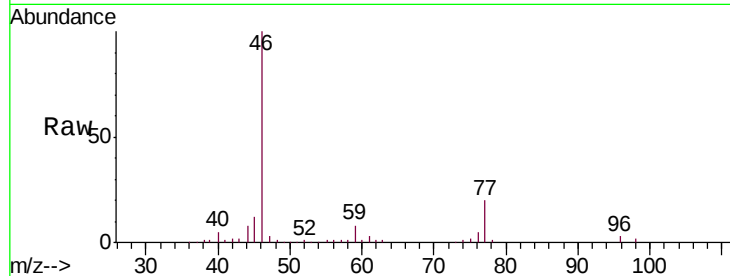
Tgt Ion: 96 Resp: 4231

Ion Ratio Lower Upper

96 100

61 104.5 113.3 210.5#

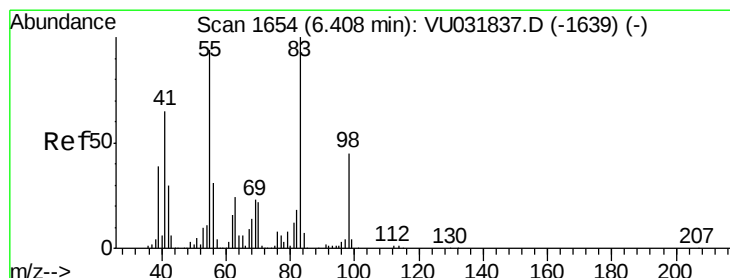
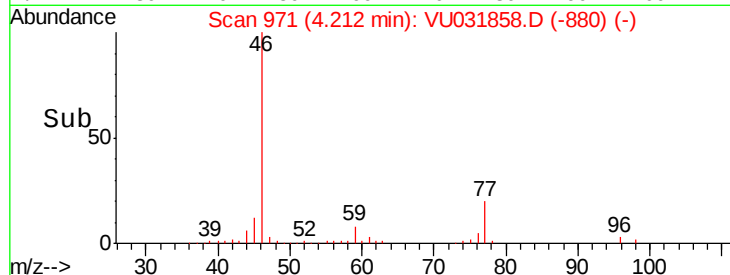
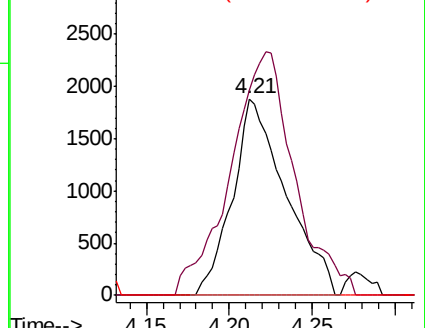
68 0.0 0.0 0.0



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) (-)



#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031858.D

Acq: 09 May 2019 06:57

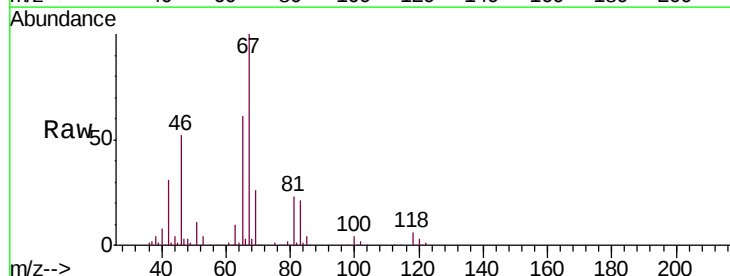
Tgt Ion: 83 Resp: 40664

Ion Ratio Lower Upper

83 100

55 1.4 79.2 118.8#

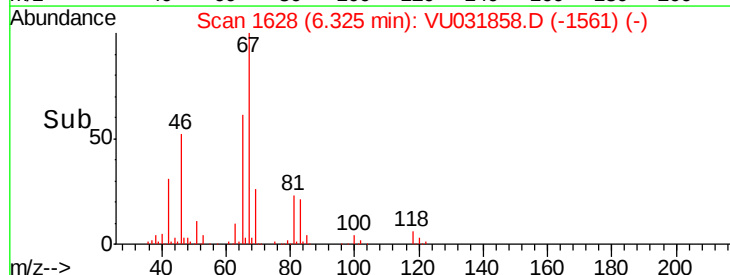
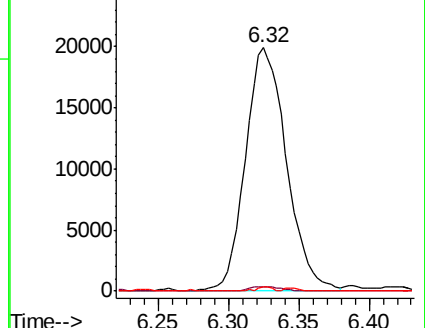
98 0.6 34.0 51.0#

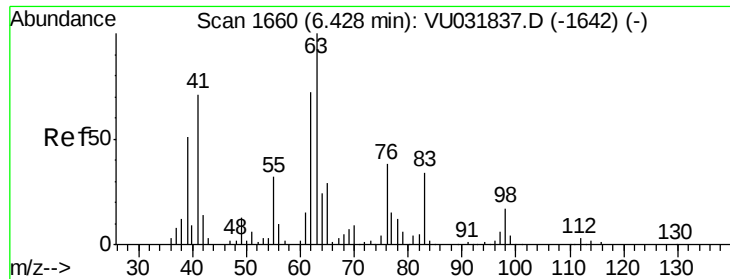


Abundance Ion 83.15 (82.85 to 83.85): VU031837.D (-1639) (-)

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: 0.470 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU031858.D

Acq: 09 May 2019 06:57

Instrument :

MSVOA_U

ClientSampled :

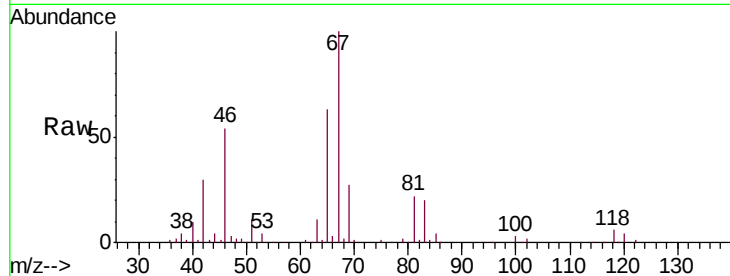
F9D39

Tgt Ion: 63 Resp: 20061

Ion Ratio Lower Upper

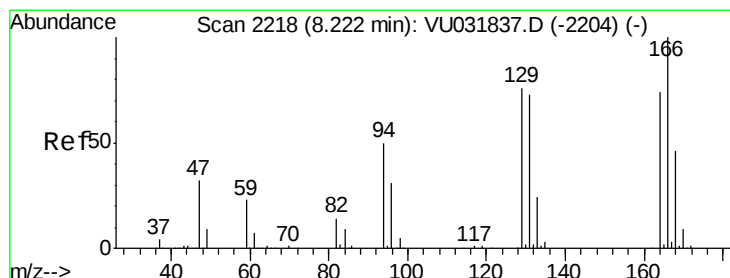
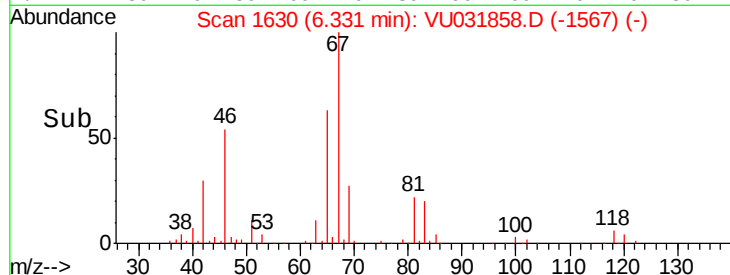
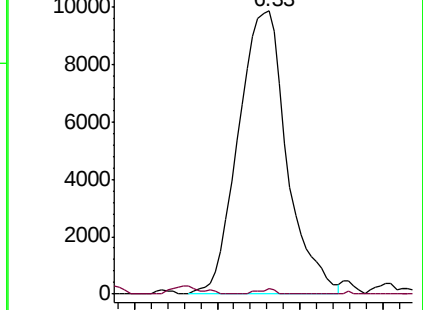
63 100

112 0.6 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) (-)



#47

Tetrachloroethene

Concen: 0.178 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU031858.D

Acq: 09 May 2019 06:57

Tgt Ion: 164 Resp: 4340

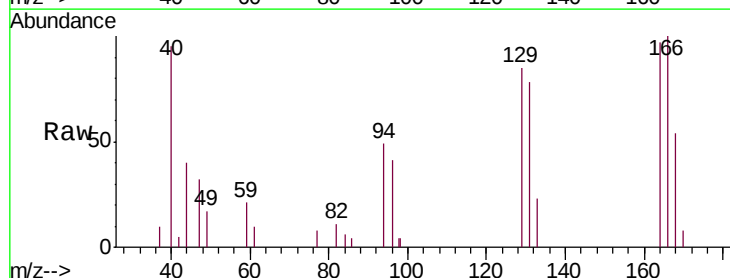
Ion Ratio Lower Upper

164 100

129 88.1 70.3 130.5

131 79.9 65.4 121.4

166 103.1 86.0 159.8

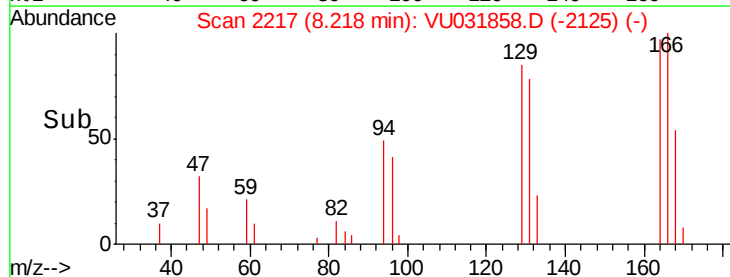
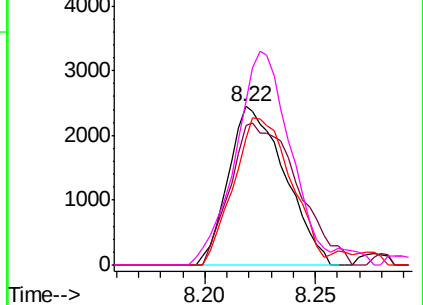


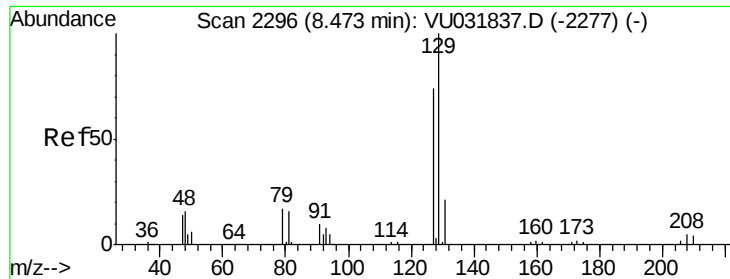
Abundance Ion 163.90 (163.60 to 164.60): VU031837.D (-2204) (-)

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) (-)





#49

Dibromochloromethane

Concen: 0.157 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031858.D

Acq: 09 May 2019 06:57

Instrument :

MSVOA_U

ClientSampleId :

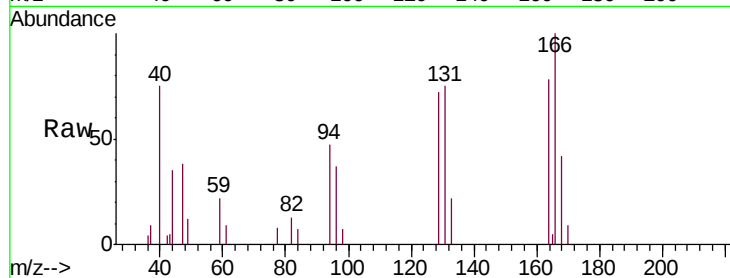
F9D39

Tgt Ion:129 Resp: 4607

Ion Ratio Lower Upper

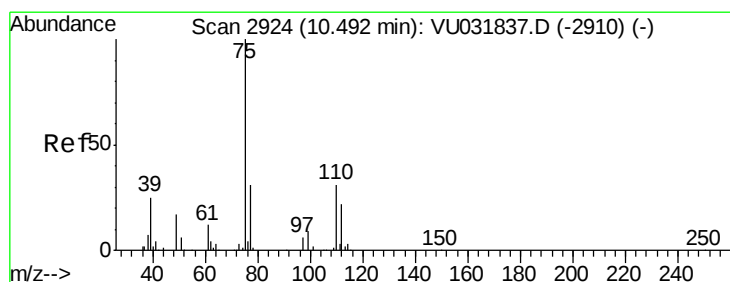
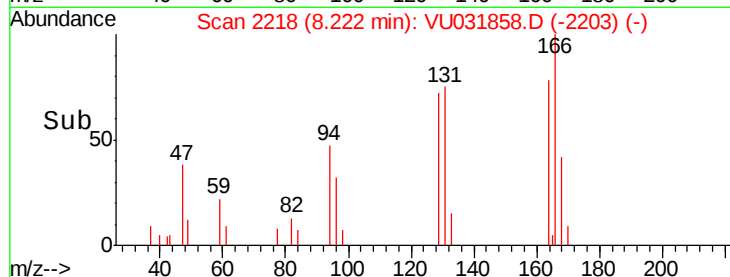
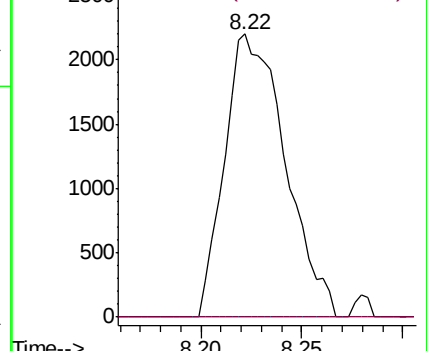
129 100

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: 0.874 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031858.D

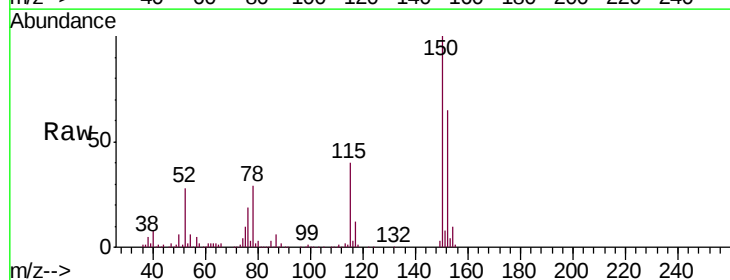
Acq: 09 May 2019 06:57

Tgt Ion: 75 Resp: 22053

Ion Ratio Lower Upper

75 100

77 33.4 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

