

Data File : VU031971.D
Acq On : 13 May 2019 14:57
Operator : JC/SP
Sample : K2744-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D15

Quant Time: May 14 02:43:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	485279	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	491782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179069	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107927	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.67	69	115151	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.27	63	173313	2.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.60%#
20) 2-Butanone-d5	4.19	46	510014	39.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.00%
24) Chloroform-d	4.64	84	256511	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.31	65	150206	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
32) Benzene-d6	5.33	84	500373	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	182831	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.56	98	368104	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	7.85	79	47990	2.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.20%
46) 2-Hexanone-d5	8.31	63	356167	43.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161497	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	142388	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

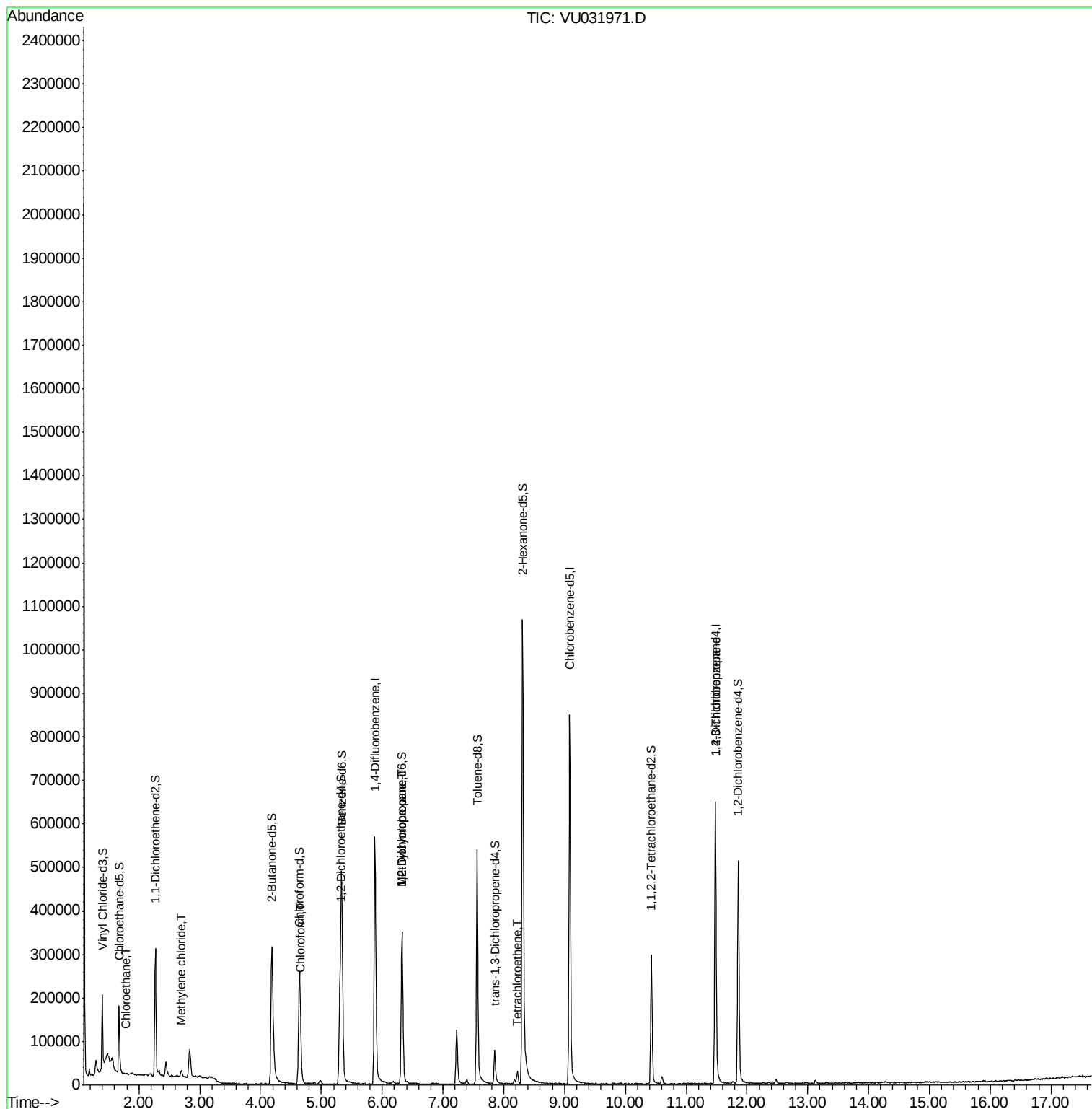
					Qvalue
8) Chloroethane	1.79	64	3706	0.116 ug/L #	54
16) Methylene chloride	2.69	84	5841	0.128 ug/L	91
25) Chloroform	4.67	83	15109	0.176 ug/L	87
35) Methylcyclohexane	6.32	83	41529	0.669 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	18981	0.387 ug/L #	91
47) Tetrachloroethene	8.22	164	7243	0.258 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	23261	0.801 ug/L	98

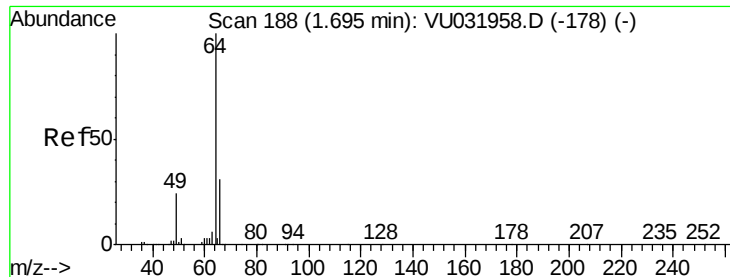
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.79 min Scan# 219

Delta R.T. 0.10 min

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Instrument :

MSVOA_U

ClientSampleId :

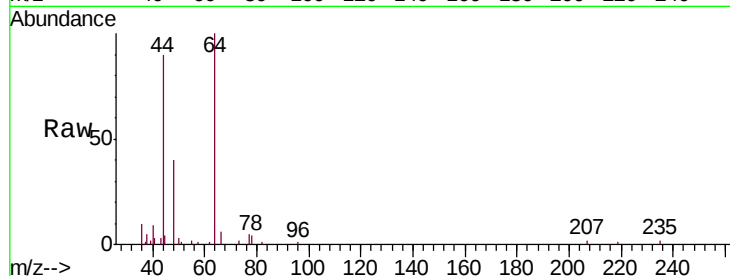
F9D15

Tgt Ion: 64 Resp: 3706

Ion Ratio Lower Upper

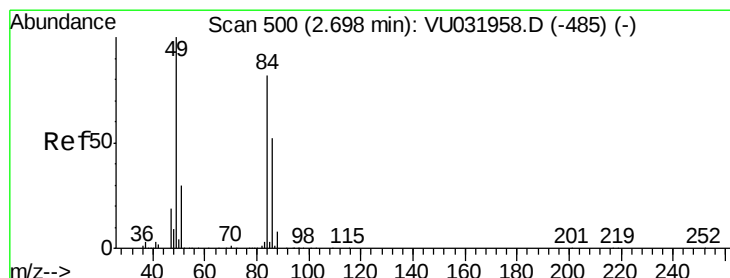
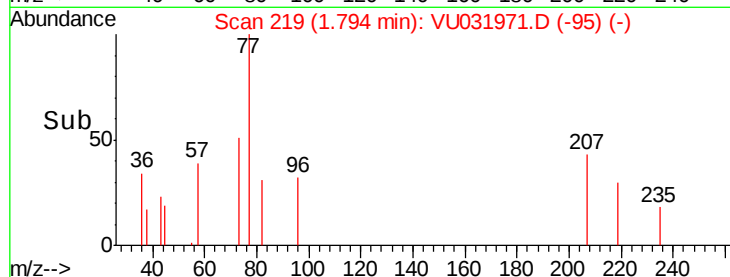
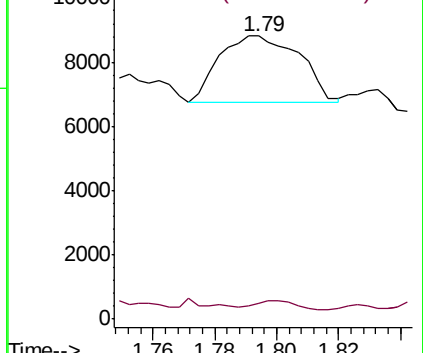
64 100

66 5.8 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#16

Methylene chloride

Concen: 0.128 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU031971.D

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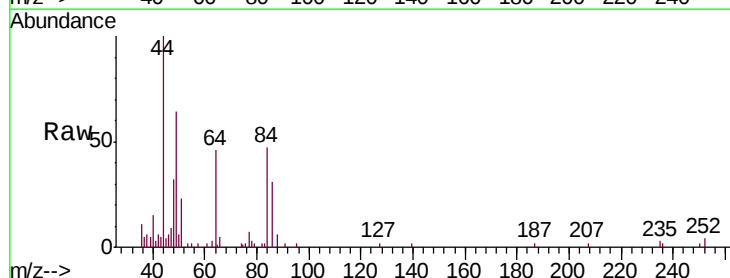
Tgt Ion: 84 Resp: 5841

Ion Ratio Lower Upper

84 100

86 67.6 45.6 84.8

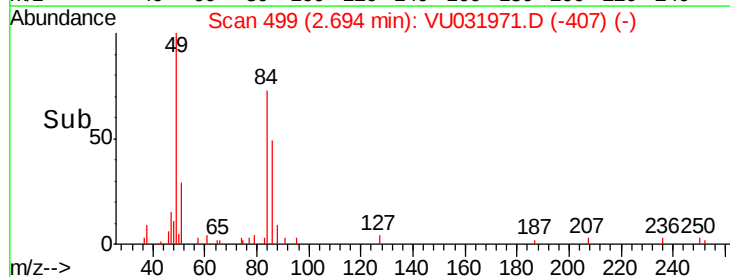
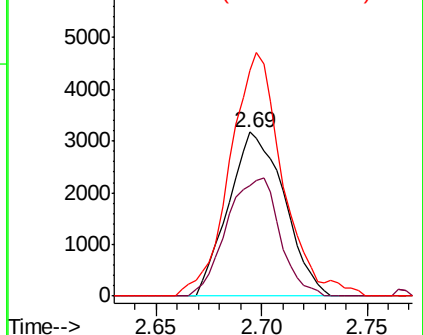
49 137.8 106.7 198.1

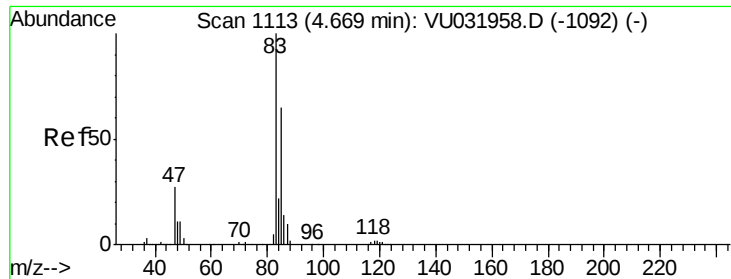


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#25

Chloroform

Concen: 0.176 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

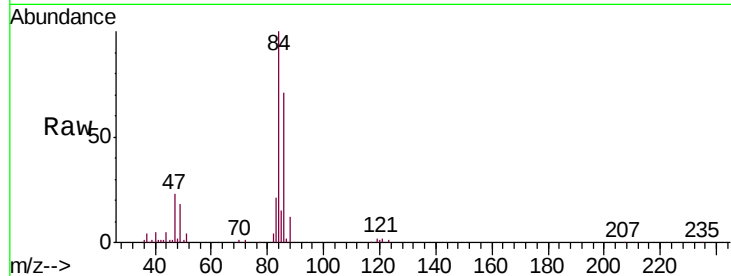
F9D15

Tgt Ion: 83 Resp: 15109

Ion Ratio Lower Upper

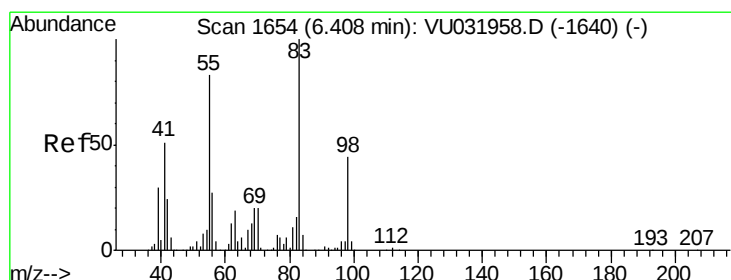
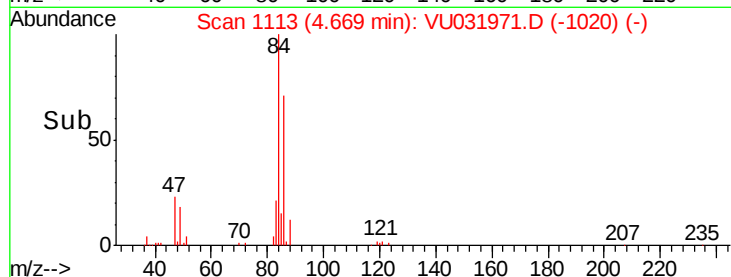
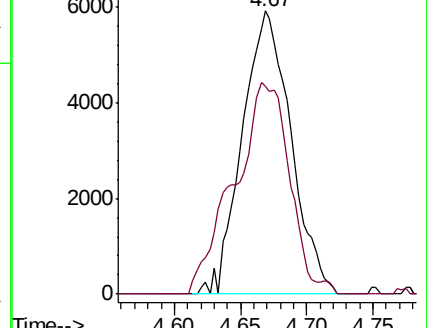
83 100

85 73.4 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU031958.D (-1092) (-)

Ion 85.00 (84.70 to 85.70): VU031958.D (-1092) (-)



#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031971.D

Acq: 13 May 2019 14:57

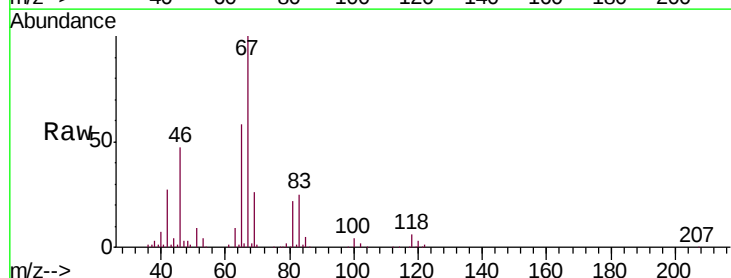
Tgt Ion: 83 Resp: 41529

Ion Ratio Lower Upper

83 100

55 0.7 79.2 118.8#

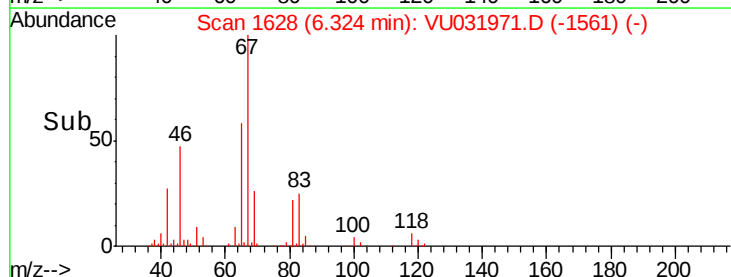
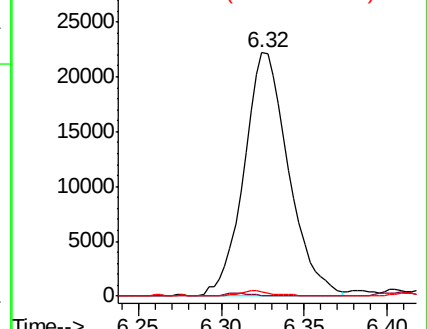
98 1.6 34.0 51.0#

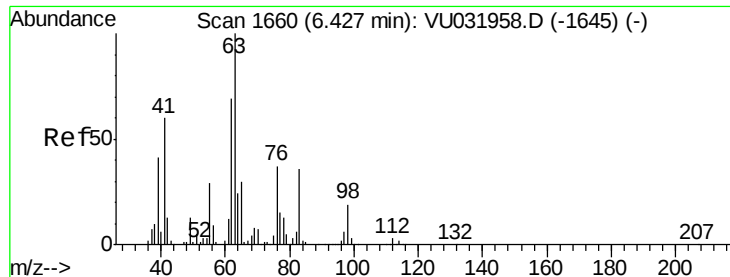


Abundance Ion 83.15 (82.85 to 83.85): VU031958.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU031958.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU031958.D (-1640) (-)

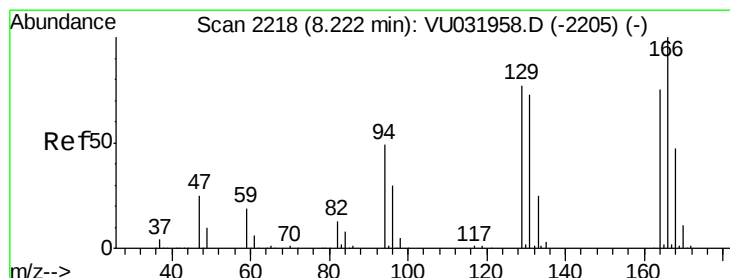
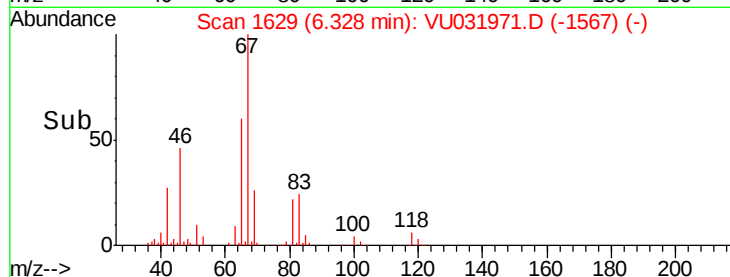
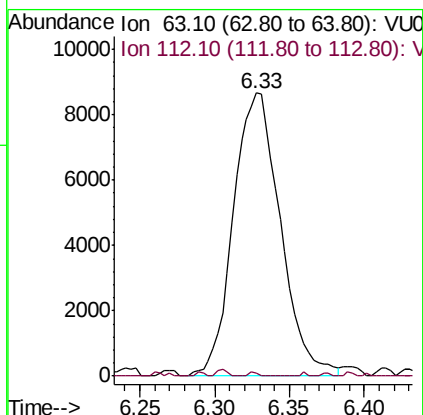
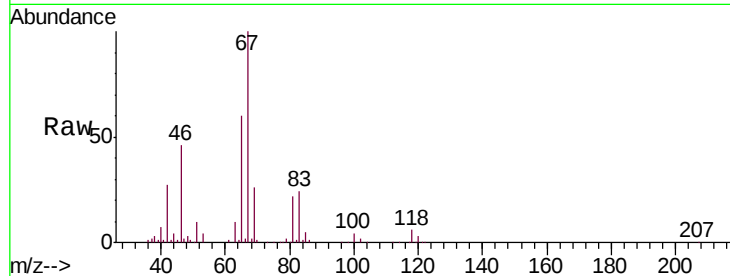




#37
 1,2-Dichloropropane
 Concen: 0.387 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031971.D
 Acq: 13 May 2019 14:57

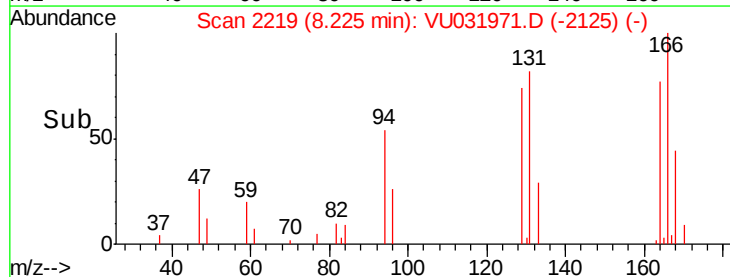
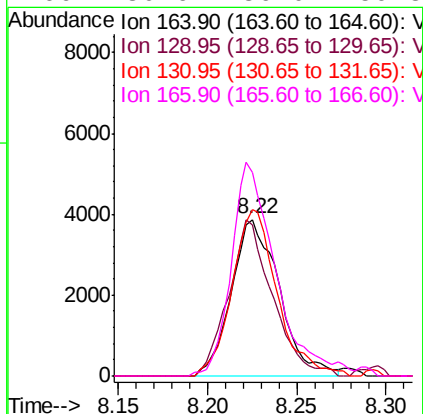
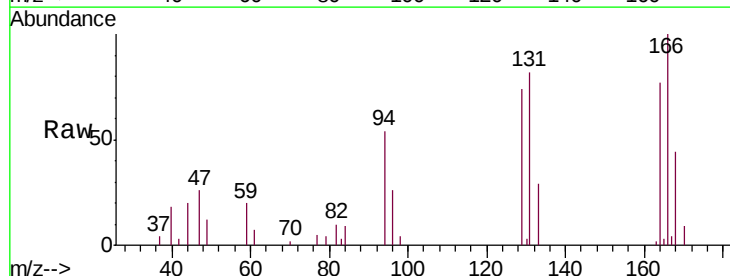
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D15

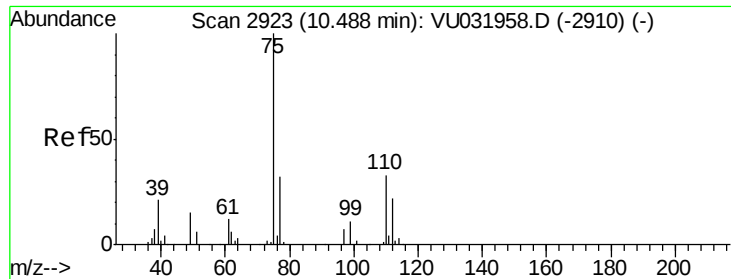
Tgt Ion: 63 Resp: 18981
 Ion Ratio Lower Upper
 63 100
 112 0.2 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 0.258 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031971.D
 Acq: 13 May 2019 14:57

Tgt Ion: 164 Resp: 7243
 Ion Ratio Lower Upper
 164 100
 129 96.4 70.3 130.5
 131 106.8 65.4 121.4
 166 130.6 86.0 159.8





#59

1,2,3-Trichloropropane

Concen: 0.801 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031971.D

Acq: 13 May 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

F9D15

Tgt Ion: 75 Resp: 23261

Ion Ratio Lower Upper

75 100

77 34.1 26.3 39.5

