

Data File : VU031944.D
Acq On : 12 May 2019 15:36
Operator : JC/SP
Sample : K2791-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D40

Quant Time: May 13 07:04:18 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	471562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125551	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.68	69	123403	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	188335	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.18	46	513308	40.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.82%
24) Chloroform-d	4.64	84	282121	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.31	65	161064	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.33	84	523680	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	193917	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.56	98	389221	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.85	79	55679	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.31	63	343737	42.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	169456	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	148117	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

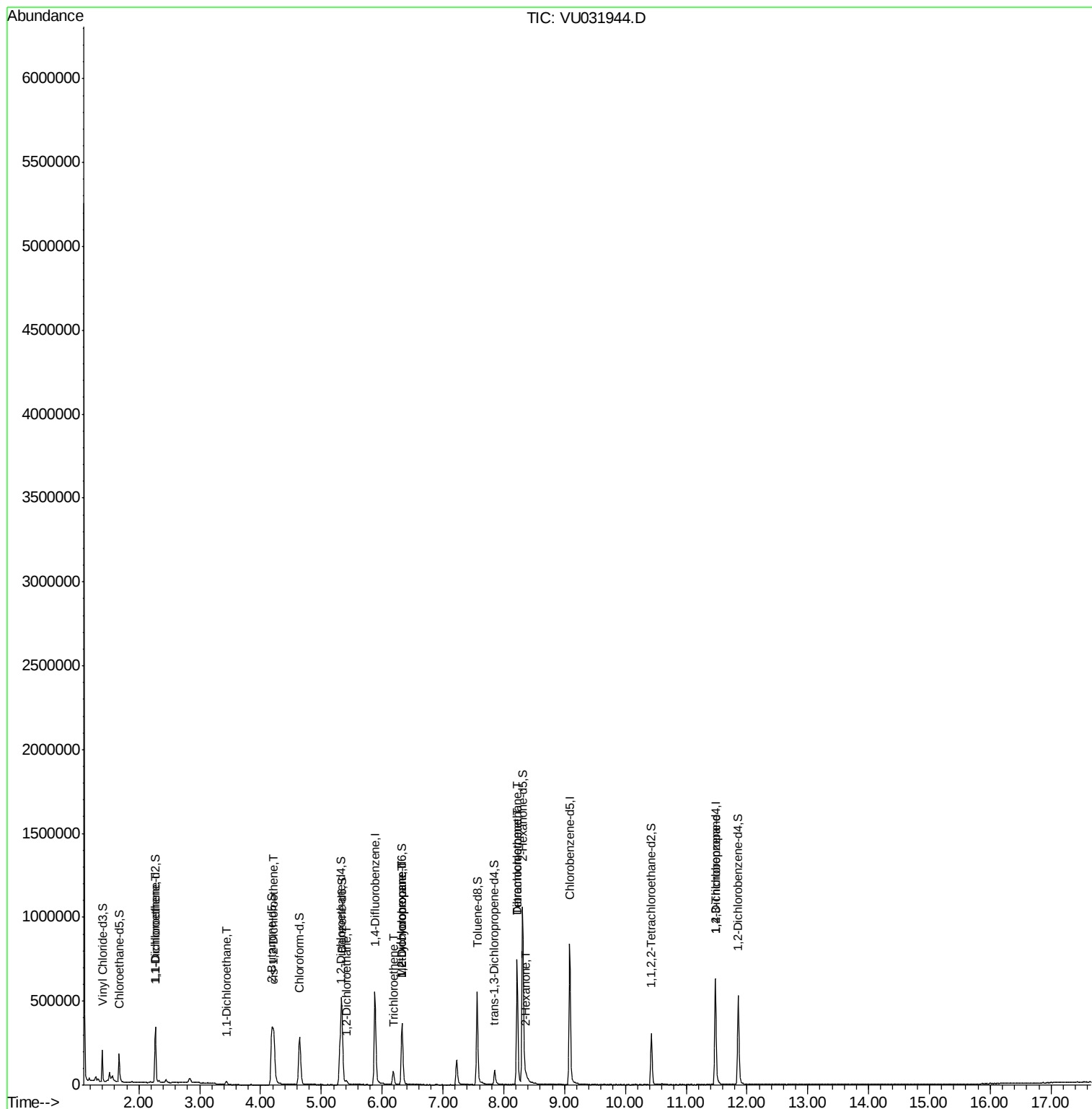
					Qvalue
12) 1,1-Dichloroethene	2.28	96	4324	0.135 ug/L #	1
19) 1,1-Dichloroethane	3.44	63	20511	0.241 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	133236	3.211 ug/L	75
27) 1,2-Dichloroethane	5.41	62	12572	0.228 ug/L #	96
34) Trichloroethene	6.18	95	30632	0.722 ug/L	93
35) Methylcyclohexane	6.33	83	41497	0.681 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	19208	0.399 ug/L #	91
47) Tetrachloroethene	8.22	164	171430	6.218 ug/L	98
48) 2-Hexanone	8.37	43	22363	0.971 ug/L #	88
49) Dibromochloromethane	8.22	129	164249	4.953 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	22241	0.781 ug/L	95

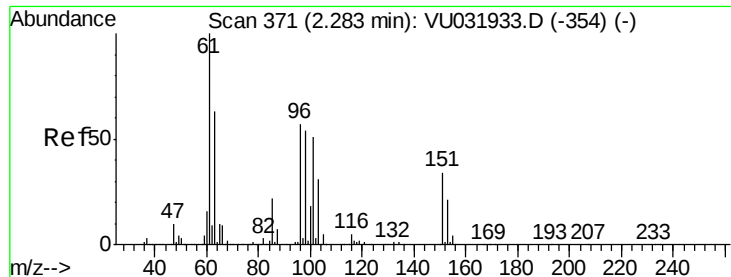
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

F9D40

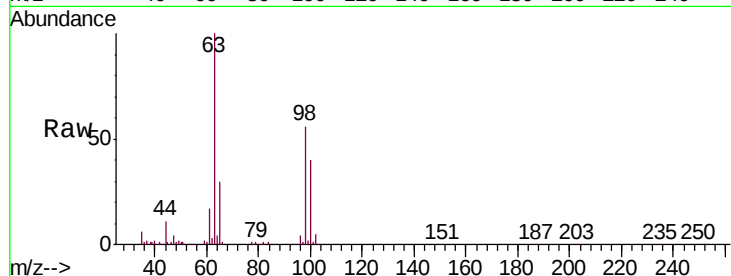
Tgt Ion: 96 Resp: 4324

Ion Ratio Lower Upper

96 100

61 391.7 149.0 276.6#

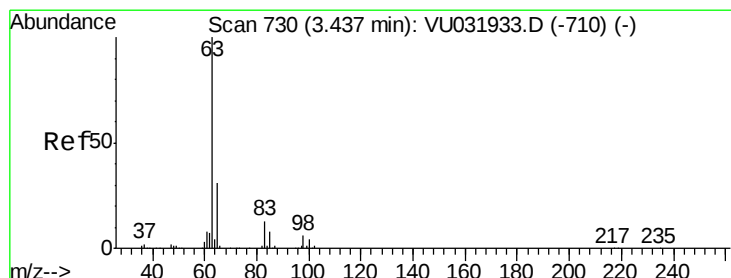
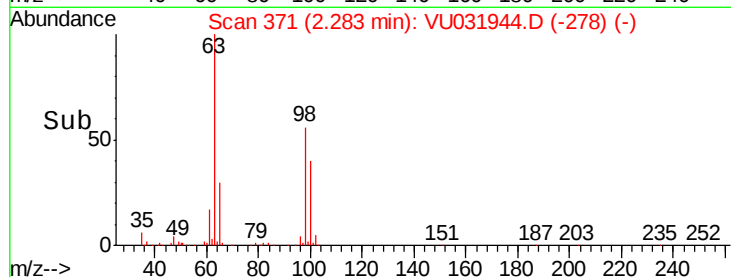
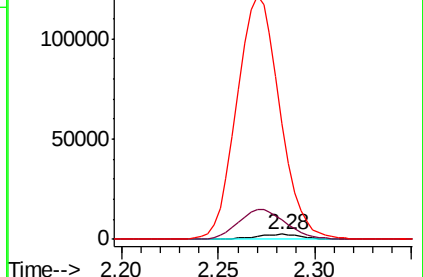
63 2353.5 99.8 185.4#



Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-354) (-)

Ion 61.05 (60.75 to 61.75): VU031933.D (-354) (-)

Ion 63.00 (62.70 to 63.70): VU031933.D (-354) (-)



#19

1,1-Dichloroethane

Concen: 0.241 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

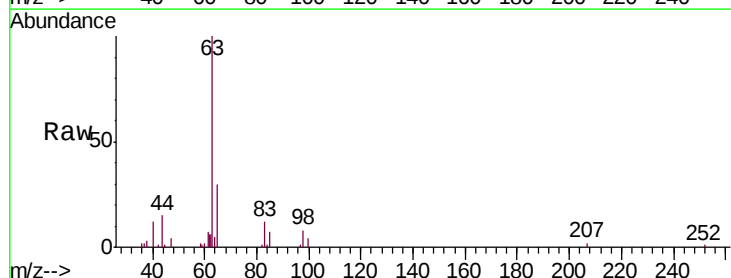
Tgt Ion: 63 Resp: 20511

Ion Ratio Lower Upper

63 100

65 29.6 21.8 40.4

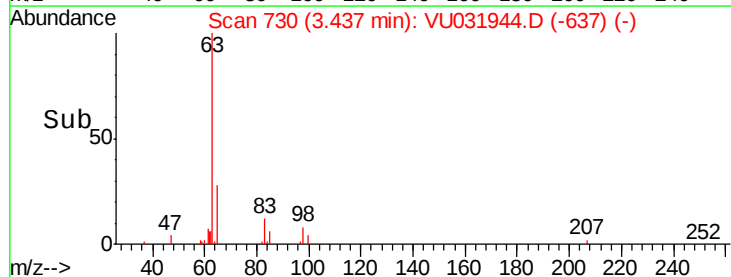
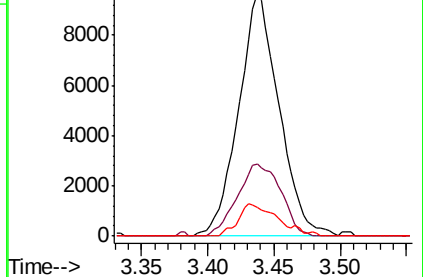
83 11.9 7.9 14.7

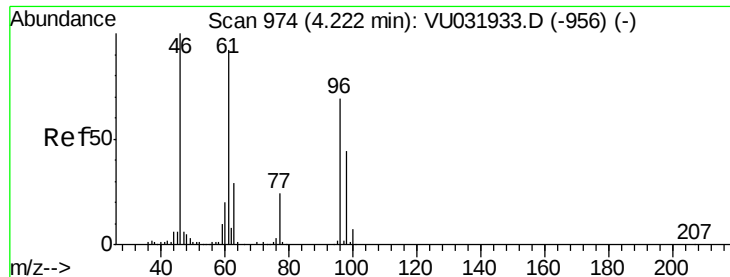


Abundance Ion 63.10 (62.80 to 63.80): VU031933.D (-710) (-)

Ion 65.10 (64.80 to 65.80): VU031933.D (-710) (-)

Ion 83.05 (82.75 to 83.75): VU031933.D (-710) (-)





#22

cis-1,2-Dichloroethene

Concen: 3.211 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

F9D40

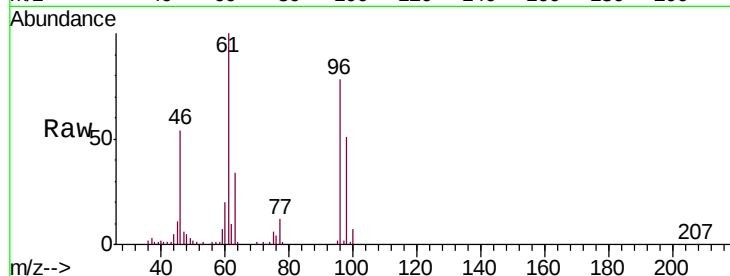
Tgt Ion: 96 Resp: 133236

Ion Ratio Lower Upper

96 100

61 128.5 113.3 210.5

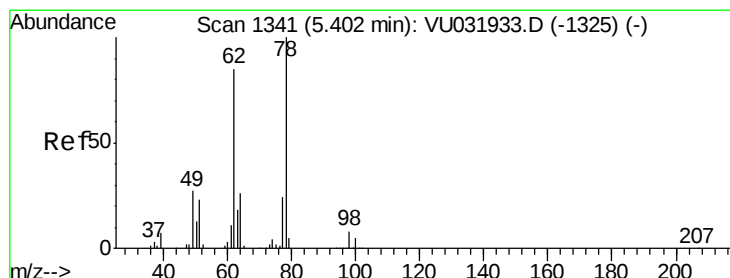
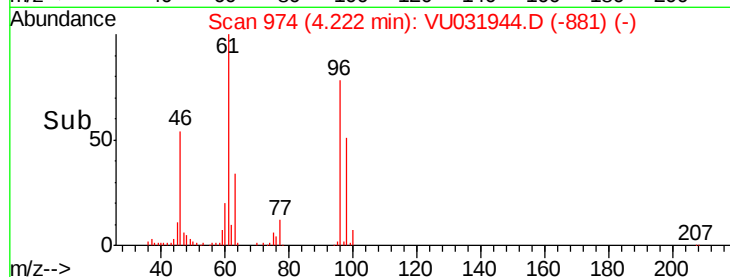
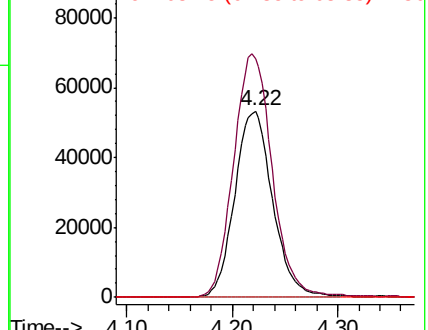
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU031933.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU031933.D (-956) (-)



#27

1,2-Dichloroethane

Concen: 0.228 ug/L

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU031944.D

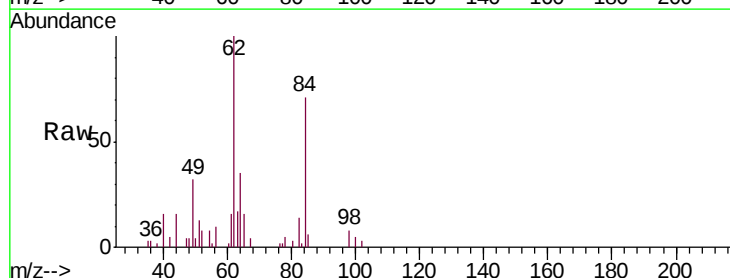
Acq: 12 May 2019 15:36

Tgt Ion: 62 Resp: 12572

Ion Ratio Lower Upper

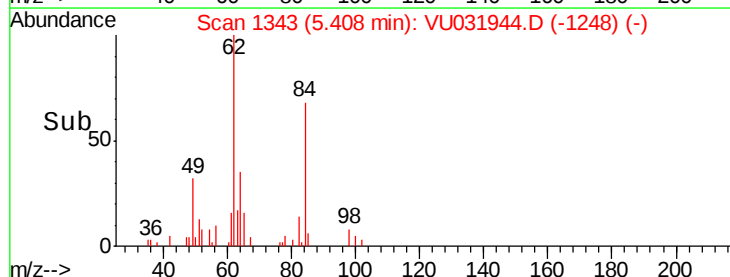
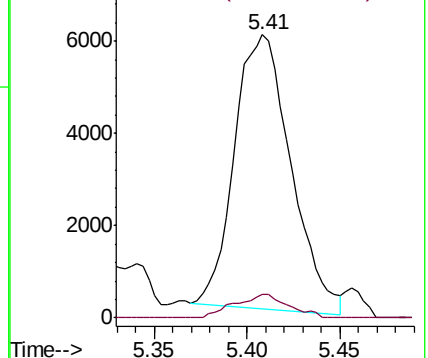
62 100

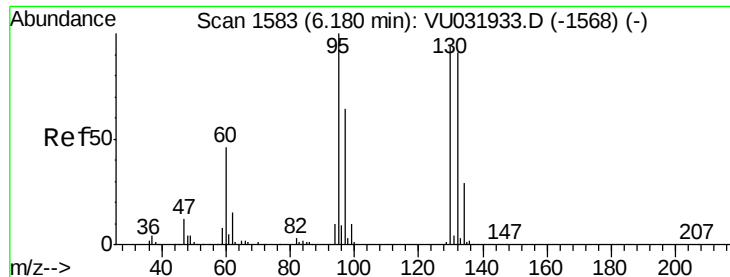
98 8.3 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VU031933.D (-1325) (-)

Ion 98.05 (97.75 to 98.75): VU031933.D (-1325) (-)





#34

Trichloroethene

Concen: 0.722 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

F9D40

Tgt Ion: 95 Resp: 30632

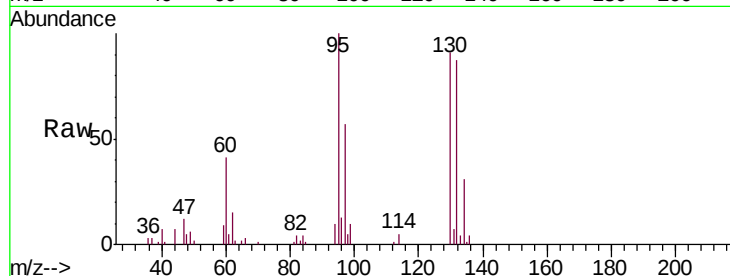
Ion Ratio Lower Upper

95 100

97 57.4 45.8 85.2

132 86.5 56.0 104.0

130 91.1 60.4 112.2

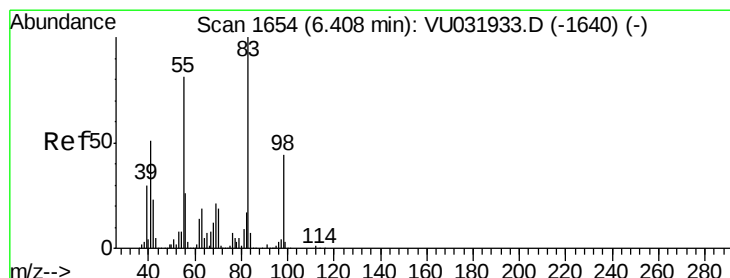
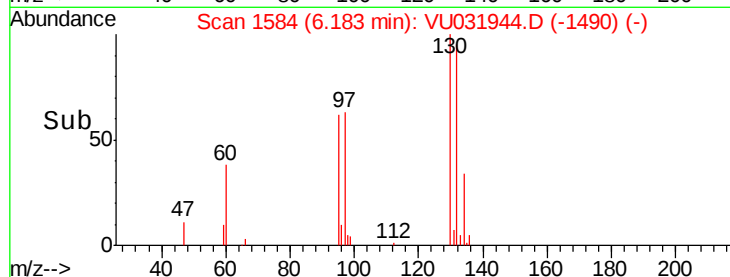
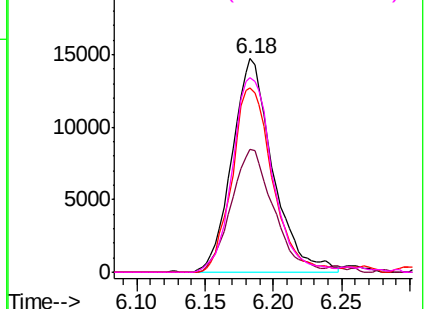


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.681 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

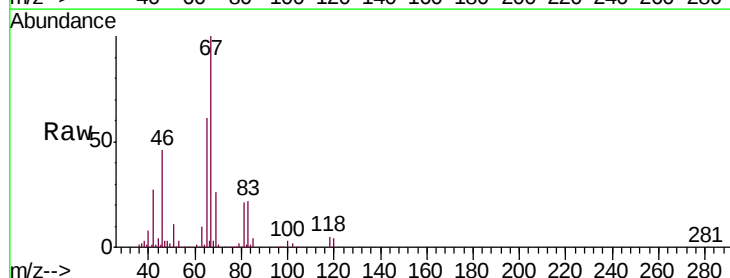
Tgt Ion: 83 Resp: 41497

Ion Ratio Lower Upper

83 100

55 0.5 79.2 118.8#

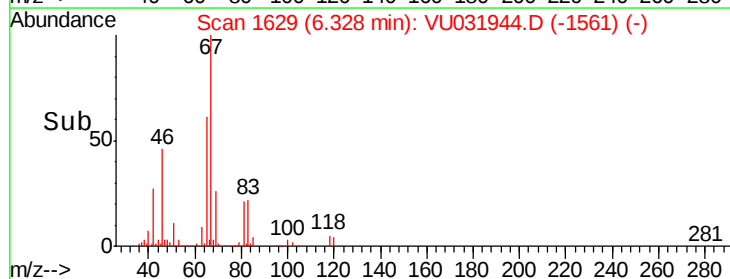
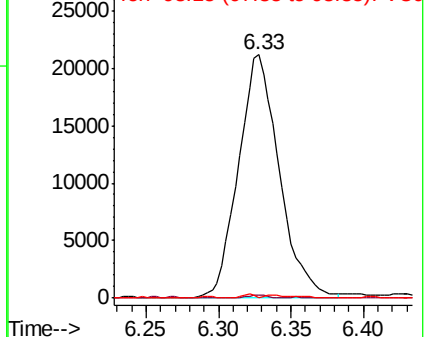
98 0.5 34.0 51.0#

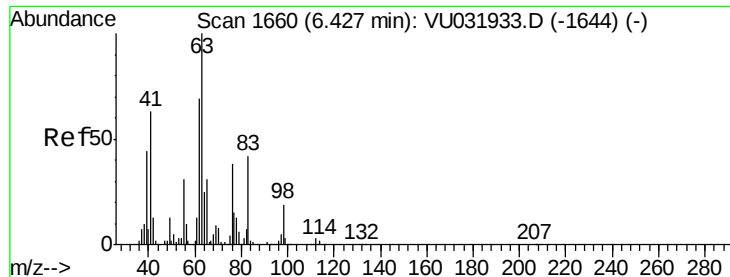


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

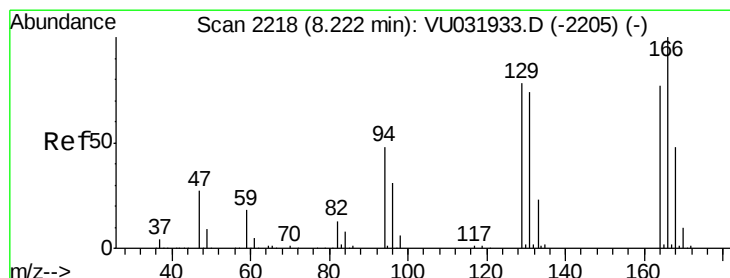
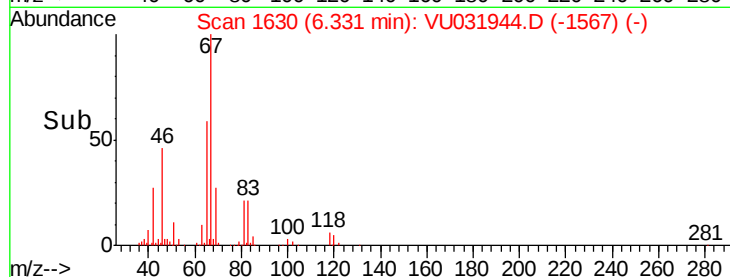
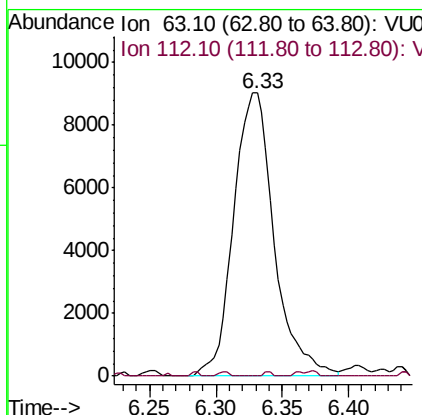
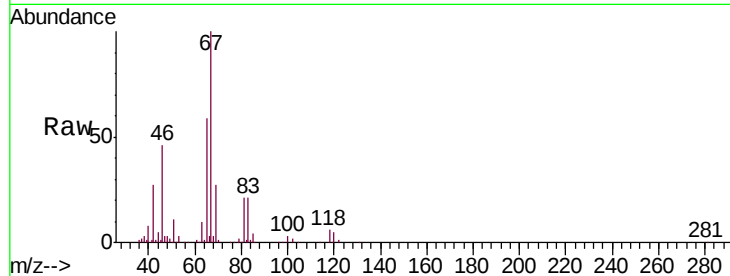




#37
 1,2-Dichloropropane
 Concen: 0.399 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU031944.D
 Acq: 12 May 2019 15:36

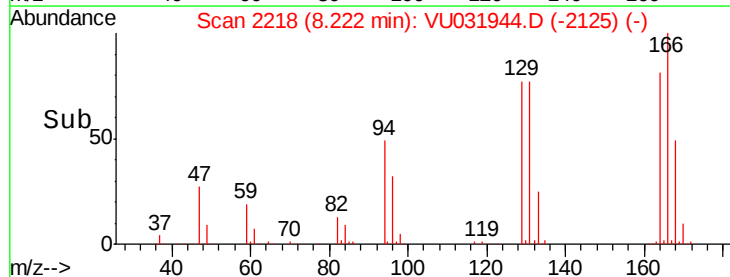
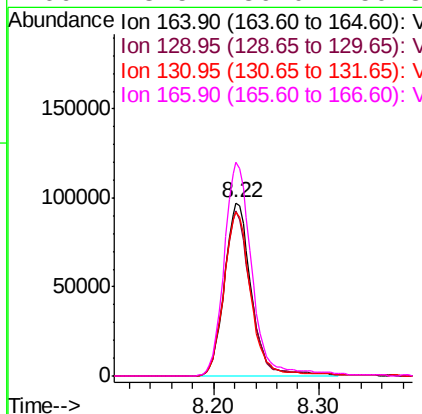
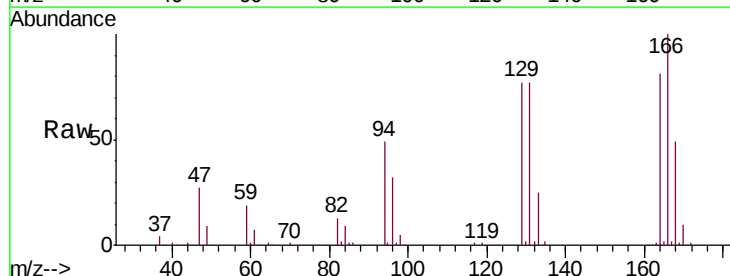
Instrument :
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 F9D40

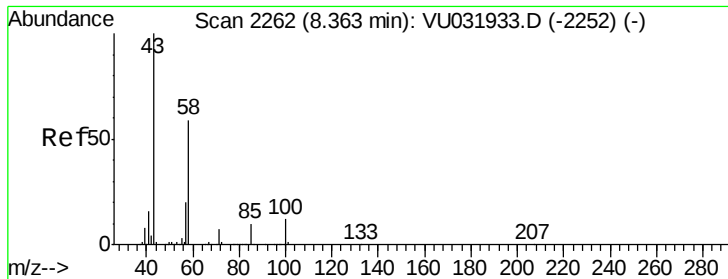
Tgt Ion: 63 Resp: 19208
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 6.218 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031944.D
 Acq: 12 May 2019 15:36

Tgt Ion: 164 Resp: 171430
 Ion Ratio Lower Upper
 164 100
 129 95.2 70.3 130.5
 131 95.0 65.4 121.4
 166 123.5 86.0 159.8

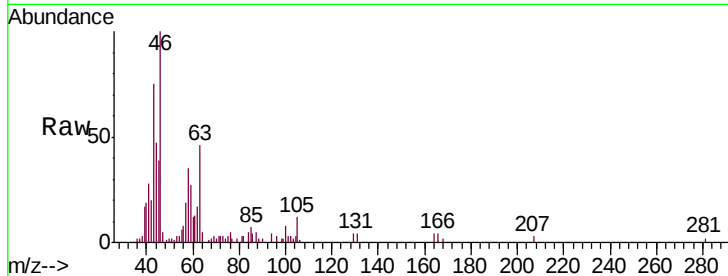




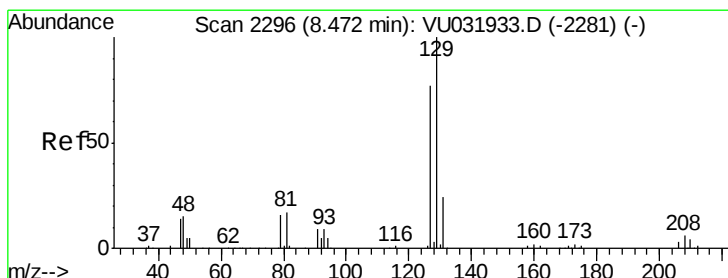
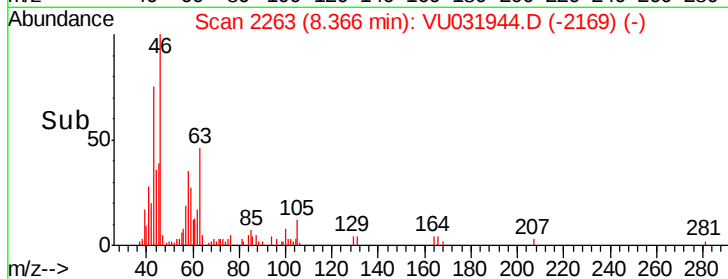
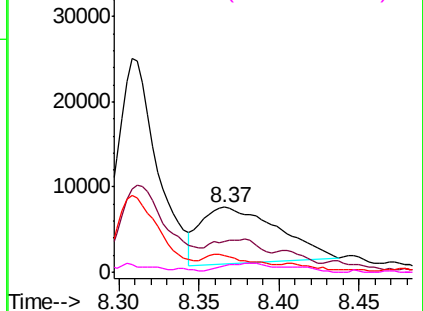
#48
2-Hexanone
Concen: 0.971 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031944.D
Acq: 12 May 2019 15:36

Instrument :
MSVOA_U
ClientSampleId :
F9D40

Tgt Ion:	43	Resp:	22363
Ion	Ratio	Lower	Upper
43	100		
58	38.7	40.2	60.2#
57	18.6	13.8	20.6
100	7.7	6.4	9.6

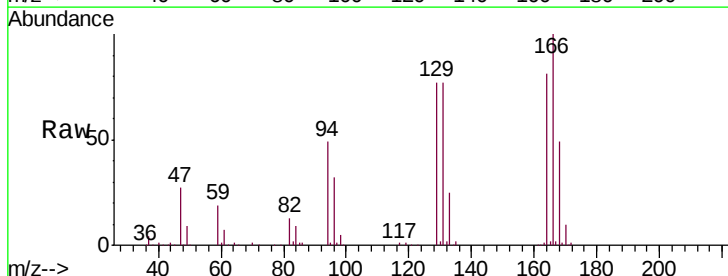


Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-2252) (-)
Ion 58.05 (57.75 to 58.75): VU031933.D (-2252) (-)
Ion 57.20 (56.90 to 57.90): VU031933.D (-2252) (-)
Ion 100.15 (99.85 to 100.85): VU031933.D (-2252) (-)

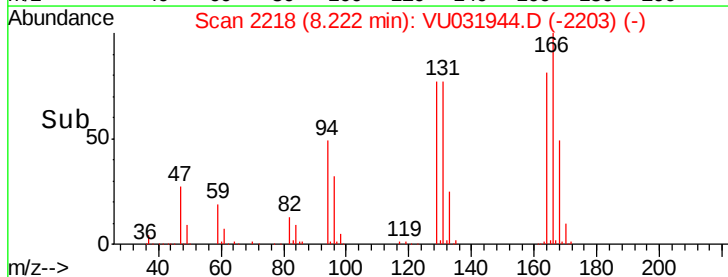
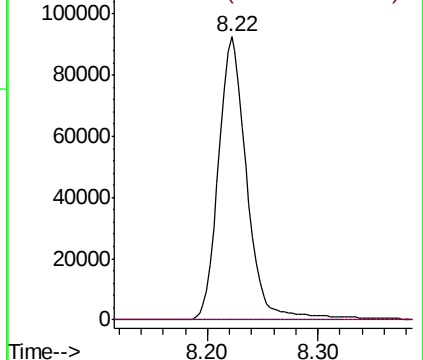


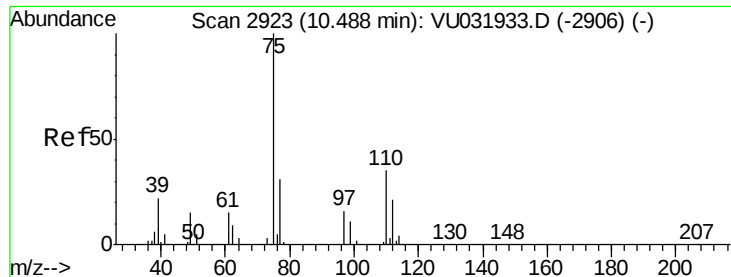
#49
Dibromochloromethane
Concen: 4.953 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031944.D
Acq: 12 May 2019 15:36

Tgt Ion:	129	Resp:	164249
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



Abundance Ion 128.95 (128.65 to 129.65): VU031933.D (-2281) (-)
Ion 126.90 (126.60 to 127.60): VU031933.D (-2281) (-)





#59

1,2,3-Trichloropropane

Concen: 0.781 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031944.D

Acq: 12 May 2019 15:36

Instrument :

MSVOA_U

ClientSampleId :

F9D40

Tgt Ion: 75 Resp: 22241

Ion Ratio Lower Upper

75 100

77 35.5 26.3 39.5

