

Data File : VU031950.D
Acq On : 12 May 2019 18:05
Operator : JC/SP
Sample : K2791-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D53

Quant Time: May 13 07:05:24 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	474070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	118122	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	123965	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.27	63	194310	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.20	46	545084	43.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	4.64	84	285672	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.31	65	155901	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.33	84	522229	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.33	67	186578	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.56	98	391536	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	7.85	79	55203	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	368761	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	161188	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	143401	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.28	96	24541	0.762 ug/L #	11
13) Acetone	2.34	43	455080	52.820 ug/L	84
14) Carbon disulfide	2.48	76	22230	0.196 ug/L	99
15) Methyl Acetate	2.34	43	376277	16.928 ug/L #	59
18) trans-1,2-Dichloroethene	2.98	96	6187	0.178 ug/L #	64
19) 1,1-Dichloroethane	3.44	63	166338	1.947 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	1911372	45.819 ug/L	80
25) Chloroform	4.67	83	36606	0.435 ug/L	95
27) 1,2-Dichloroethane	5.41	62	98384	1.773 ug/L	98
30) Cyclohexane	4.98	56	8477	0.116 ug/L #	79
34) Trichloroethene	6.18	95	161572	3.765 ug/L	92
35) Methylcyclohexane	6.33	83	41022	0.665 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20454	0.420 ug/L #	93
47) Tetrachloroethene	8.22	164	455497	16.322 ug/L	97
48) 2-Hexanone	8.37	43	24955	1.071 ug/L #	85
49) Dibromochloromethane	8.22	129	433134	12.903 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	22823	0.791 ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\
Quantitation Report (Not Reviewed)

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QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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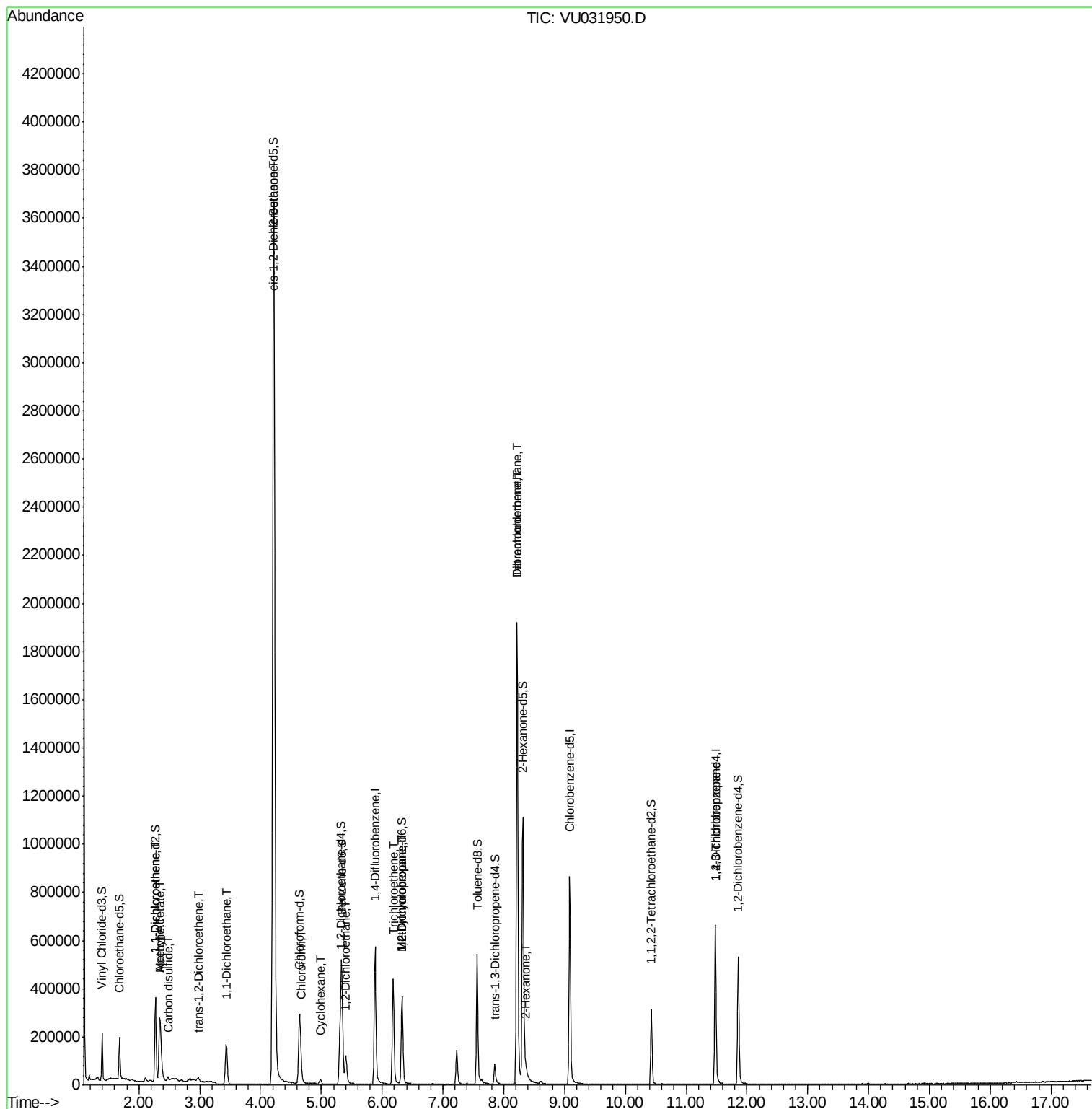
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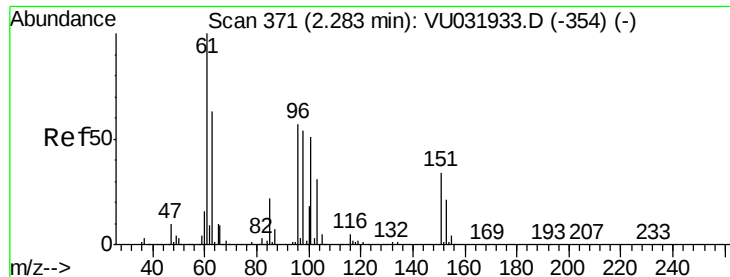
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.762 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_U

ClientSampleId :

F9D53

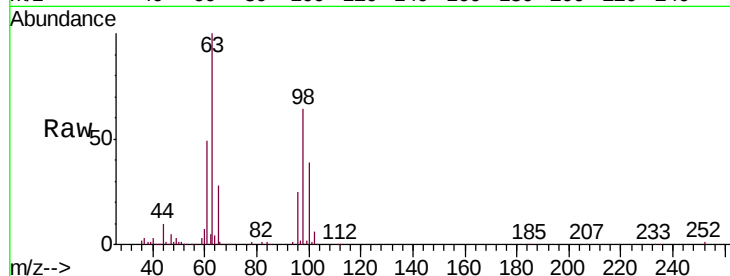
Tgt Ion: 96 Resp: 24541

Ion Ratio Lower Upper

96 100

61 196.8 149.0 276.6

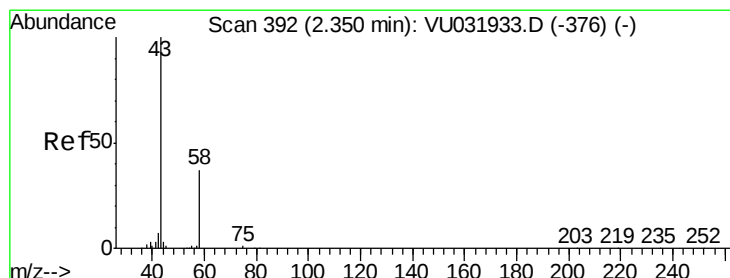
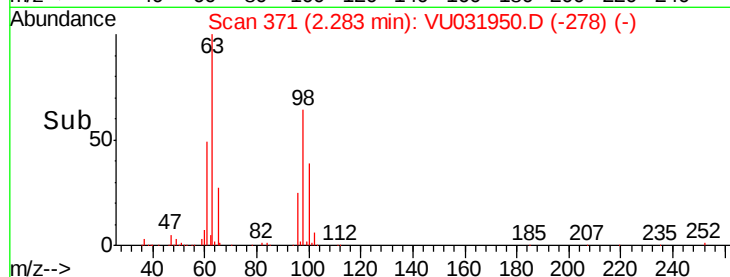
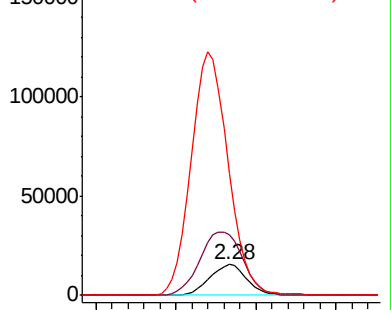
63 398.1 99.8 185.4#



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) (-)



#13

Acetone

Concen: 52.820 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU031950.D

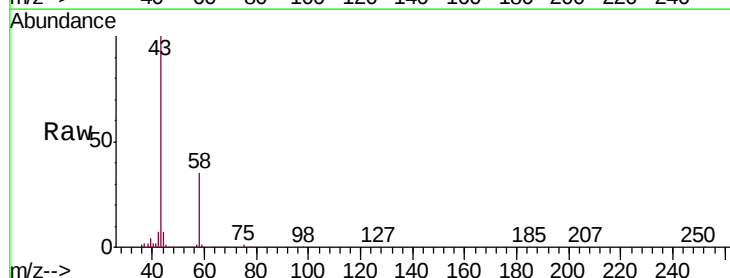
Acq: 12 May 2019 18:05

Tgt Ion: 43 Resp: 455080

Ion Ratio Lower Upper

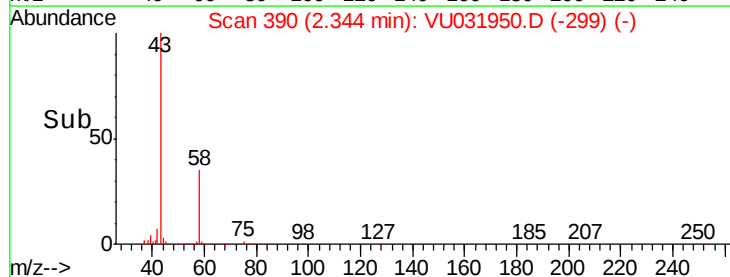
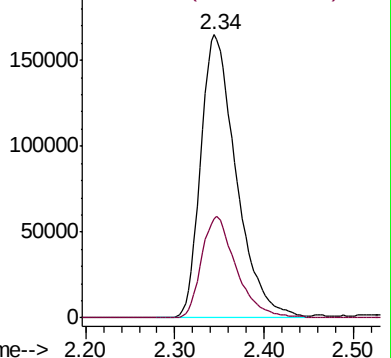
43 100

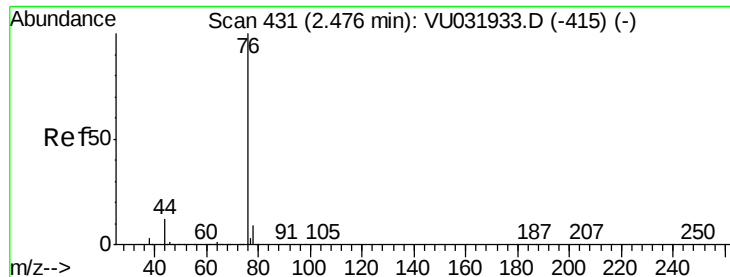
58 35.2 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU031933.D (-376) (-)





#14

Carbon disulfide

Concen: 0.196 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_U

ClientSampleId :

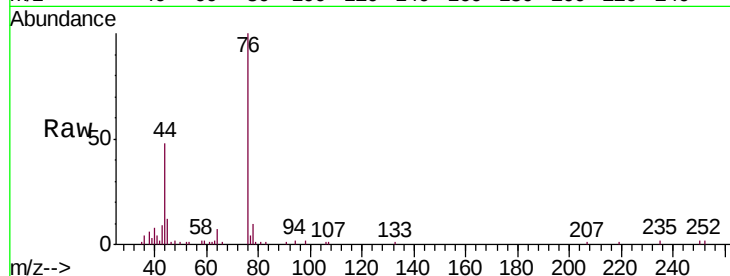
F9D53

Tgt Ion: 76 Resp: 22230

Ion Ratio Lower Upper

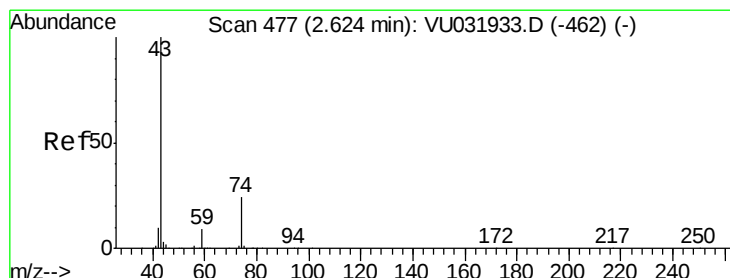
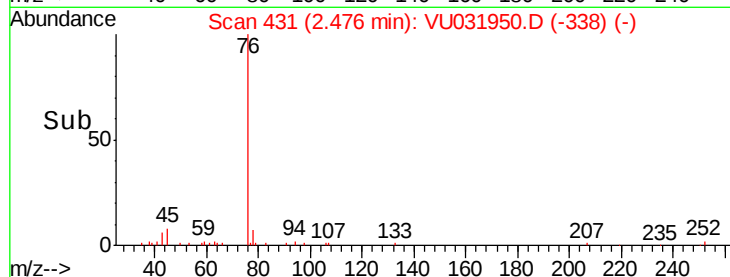
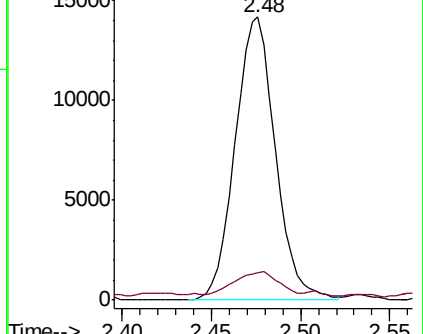
76 100

78 9.9 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU031933.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU031933.D (-415) (-)



#15

Methyl Acetate

Concen: 16.928 ug/L

RT: 2.34 min Scan# 390

Delta R.T. -0.28 min

Lab File: VU031950.D

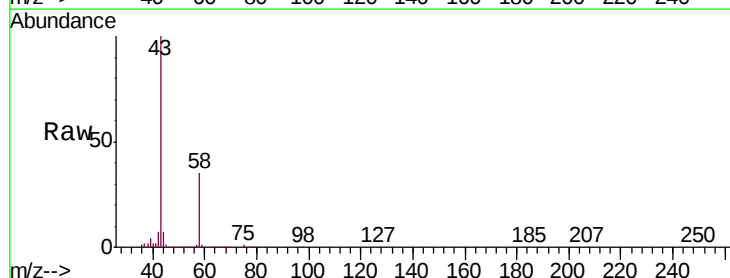
Acq: 12 May 2019 18:05

Tgt Ion: 43 Resp: 376277

Ion Ratio Lower Upper

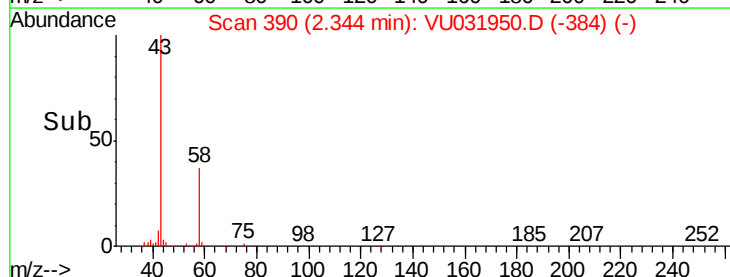
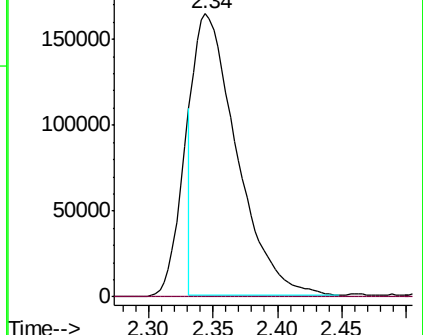
43 100

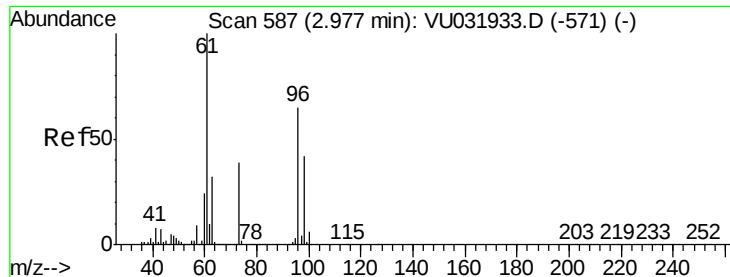
74 0.0 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-462) (-)

Ion 74.05 (73.75 to 74.75): VU031933.D (-462) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.178 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_U

ClientSampleId :

F9D53

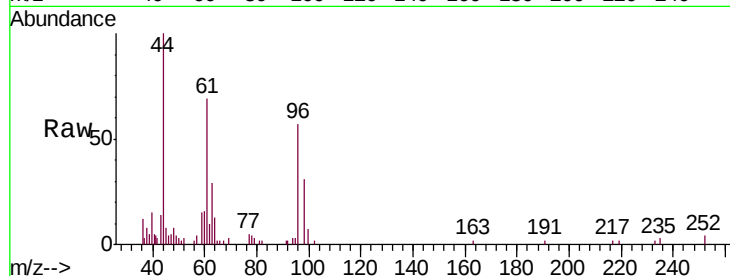
Tgt Ion: 96 Resp: 6187

Ion Ratio Lower Upper

96 100

61 122.1 130.9 243.1#

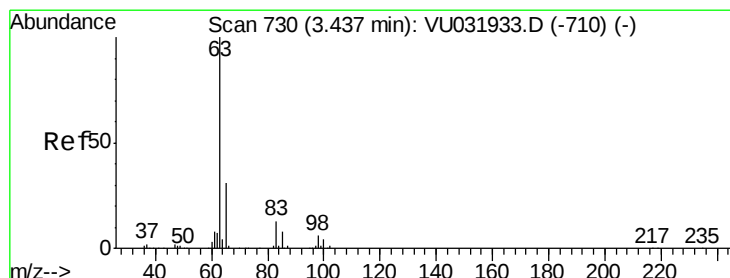
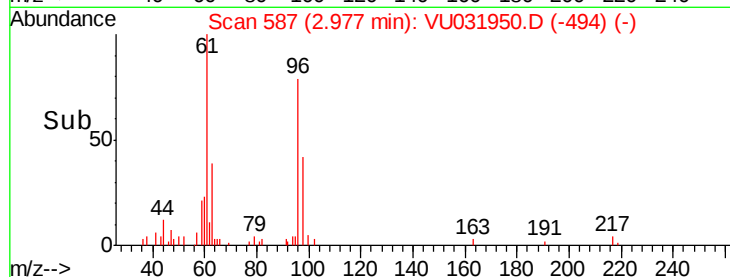
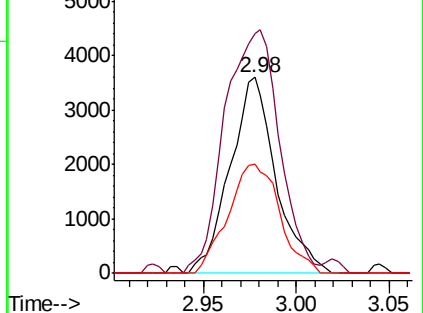
98 55.4 46.2 85.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#19

1,1-Dichloroethane

Concen: 1.947 ug/L

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

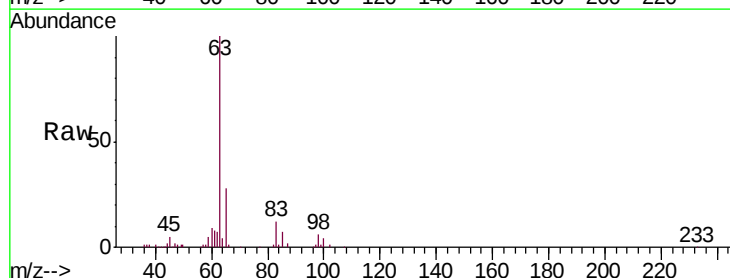
Tgt Ion: 63 Resp: 166338

Ion Ratio Lower Upper

63 100

65 28.4 21.8 40.4

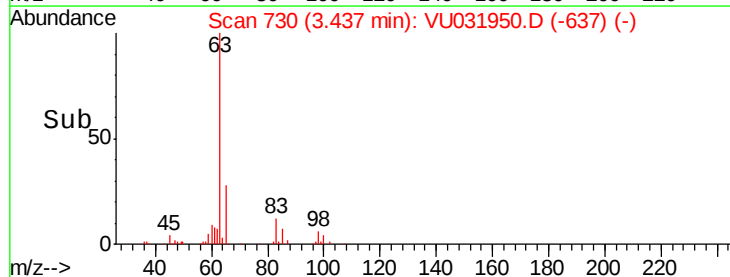
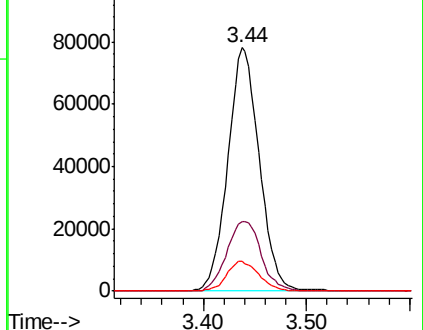
83 12.2 7.9 14.7

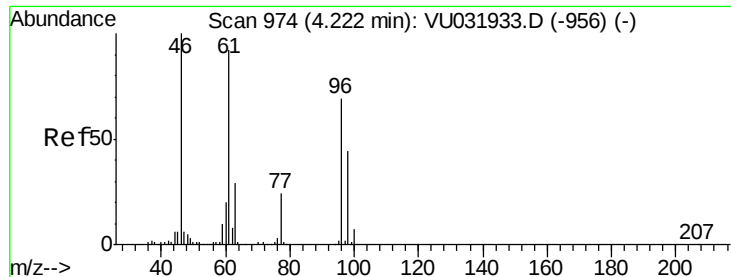


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



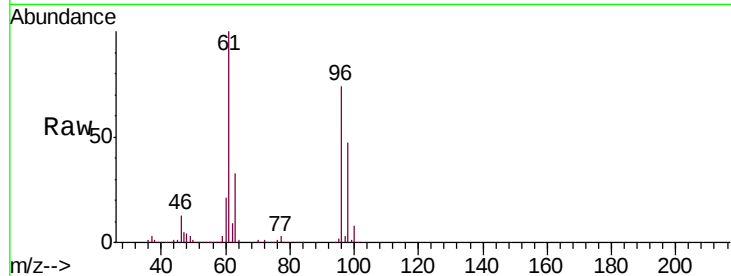


#22

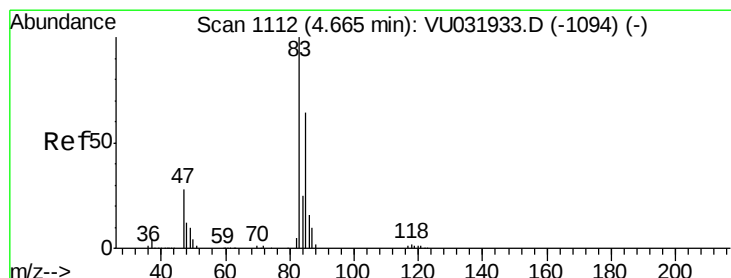
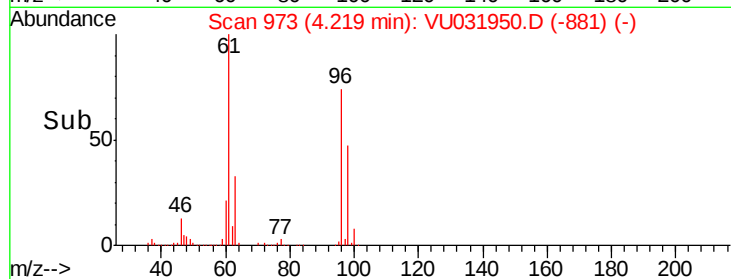
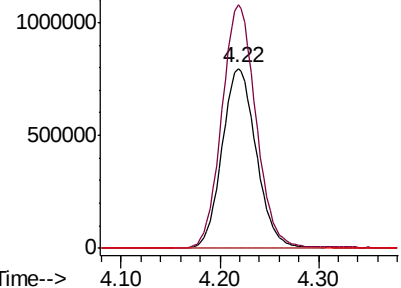
cis-1,2-Dichloroethene
 Concen: 45.819 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031950.D
 Acq: 12 May 2019 18:05

Instrument :
 MSVOA_U
 ClientSampled :
 F9D53

Tgt Ion: 96 Resp: 1911372
 Ion Ratio Lower Upper
 96 100
 61 135.2 113.3 210.5
 68 0.0 0.0 0.0



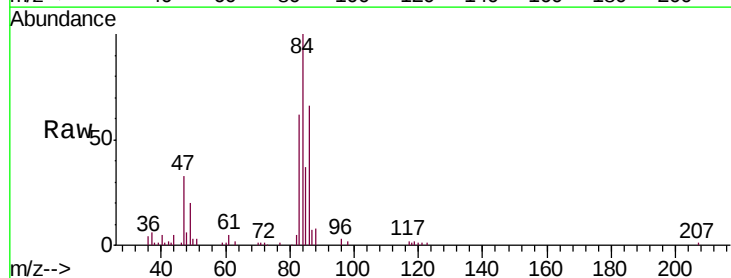
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



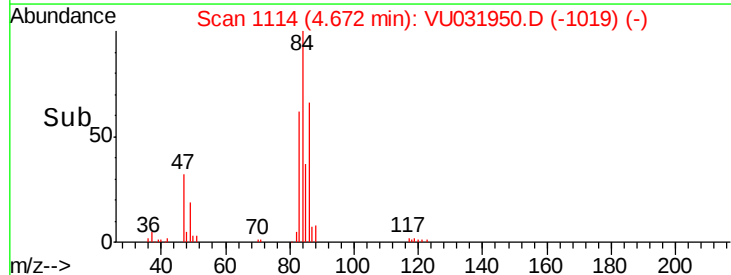
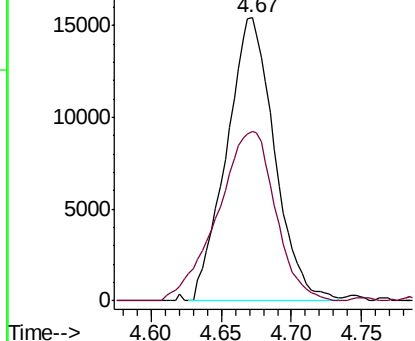
#25

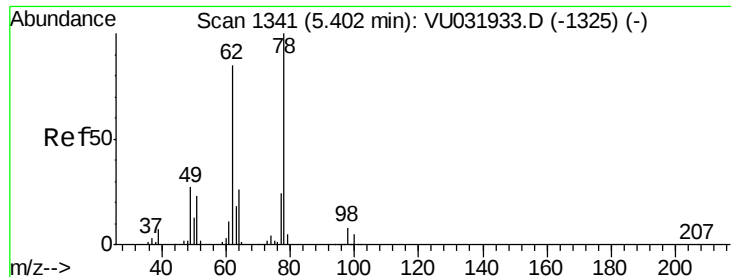
Chloroform
 Concen: 0.435 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VU031950.D
 Acq: 12 May 2019 18:05

Tgt Ion: 83 Resp: 36606
 Ion Ratio Lower Upper
 83 100
 85 59.7 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 1.773 ug/L

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_U

ClientSampleId :

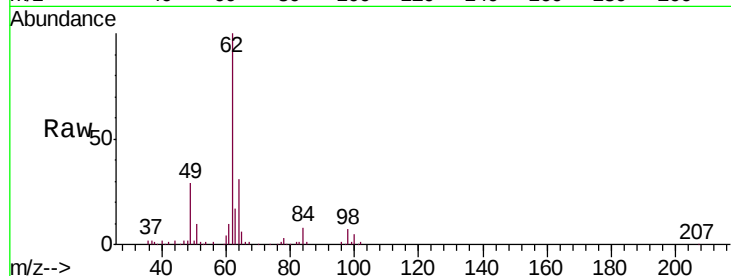
F9D53

Tgt Ion: 62 Resp: 98384

Ion Ratio Lower Upper

62 100

98 7.4 5.4 8.2

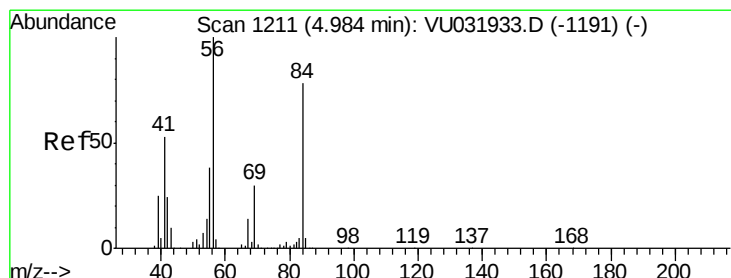
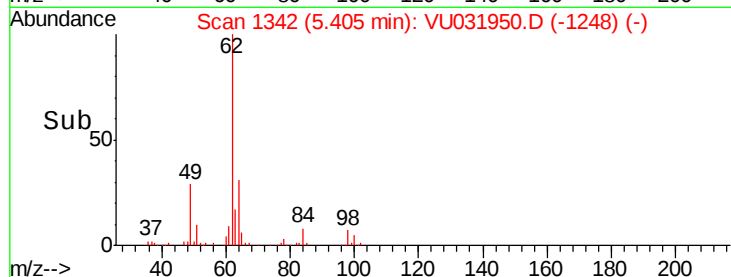


Abundance Ion 62.00 (61.70 to 62.70): VU031933.D (-1325) (-)

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

5.41

Time-->



#30

Cyclohexane

Concen: 0.116 ug/L

RT: 4.98 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

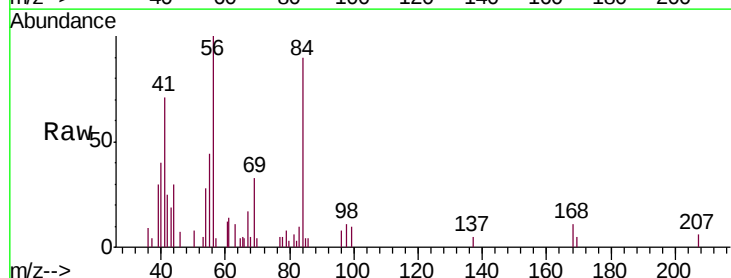
Tgt Ion: 56 Resp: 8477

Ion Ratio Lower Upper

56 100

69 29.9 21.8 32.8

84 93.8 56.8 85.2#



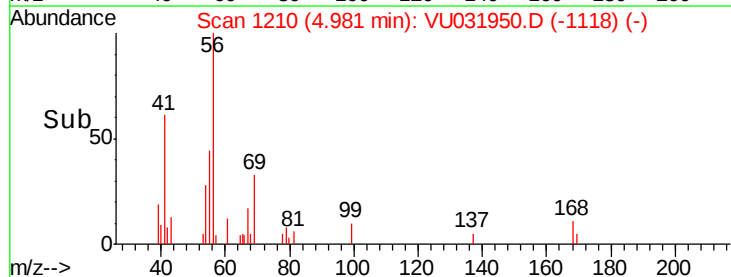
Abundance Ion 56.10 (55.80 to 56.80): VU031933.D (-1191) (-)

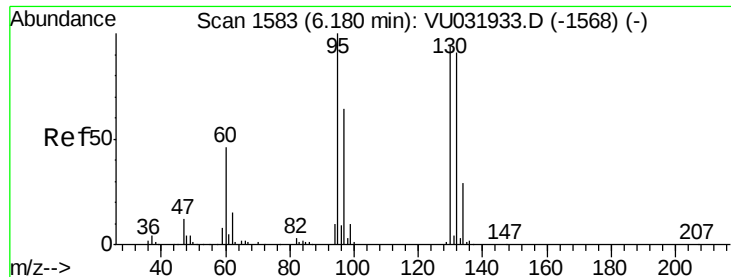
Ion 69.15 (68.85 to 69.85): VU031933.D (-1191) (-)

Ion 84.15 (83.85 to 84.85): VU031933.D (-1191) (-)

4.98

Time-->

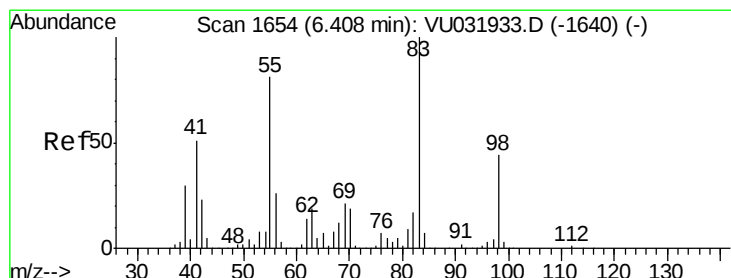
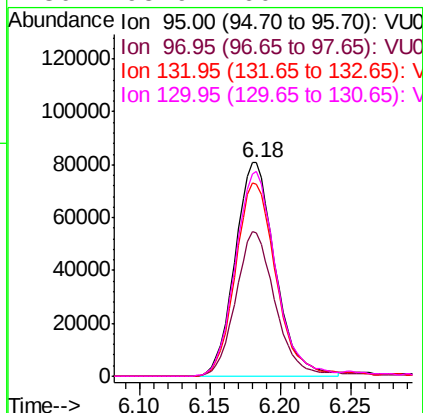
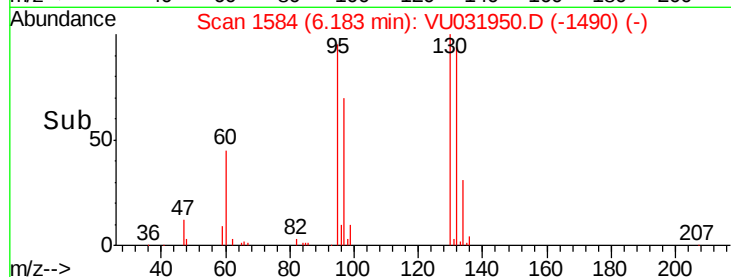
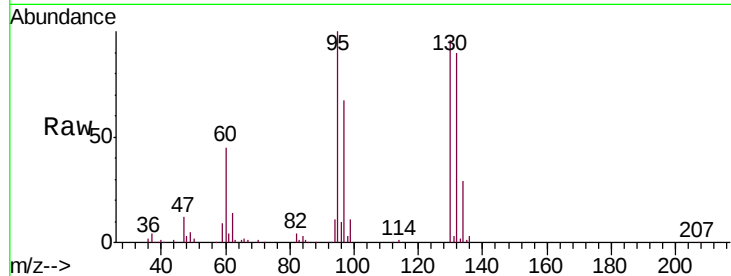




#34
 Trichloroethene
 Concen: 3.765 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031950.D
 Acq: 12 May 2019 18:05

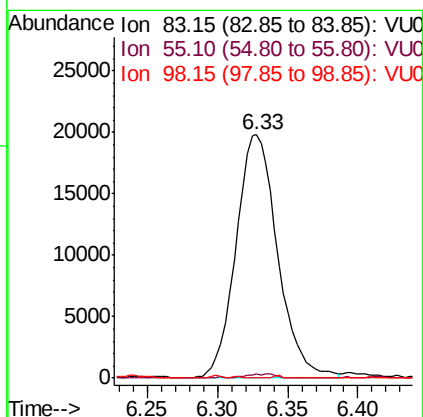
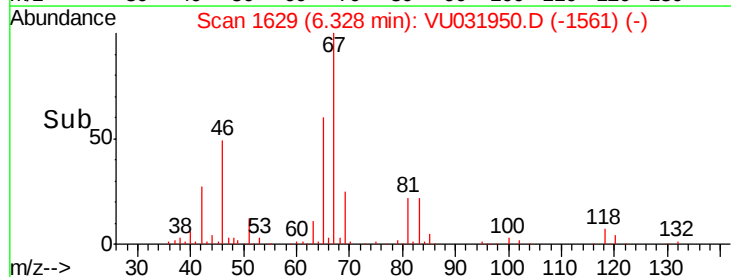
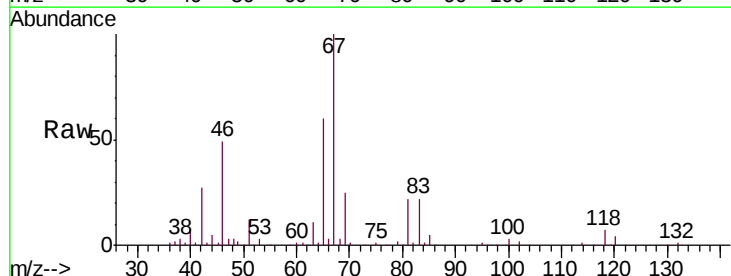
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D53

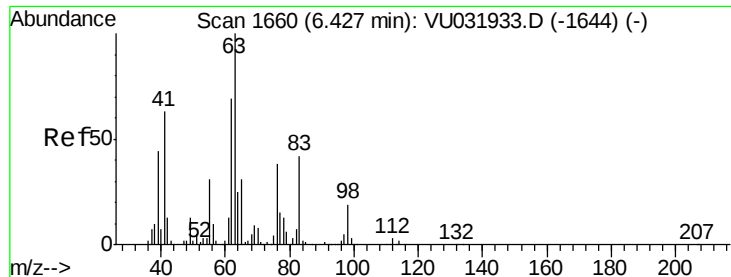
Tgt Ion: 95 Resp: 161572
 Ion Ratio Lower Upper
 95 100
 97 66.9 45.8 85.2
 132 90.1 56.0 104.0
 130 95.9 60.4 112.2



#35
 Methylcyclohexane
 Concen: 0.665 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU031950.D
 Acq: 12 May 2019 18:05

Tgt Ion: 83 Resp: 41022
 Ion Ratio Lower Upper
 83 100
 55 1.1 79.2 118.8#
 98 0.0 34.0 51.0#

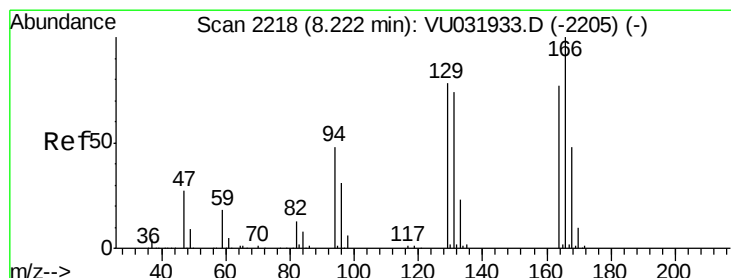
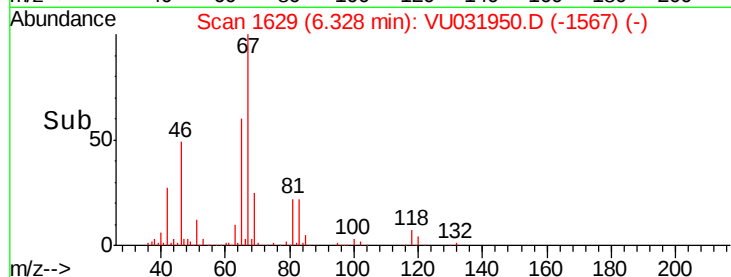
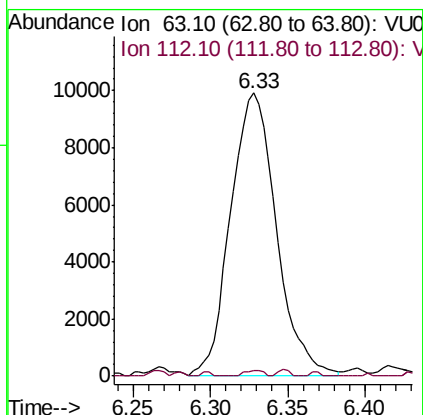
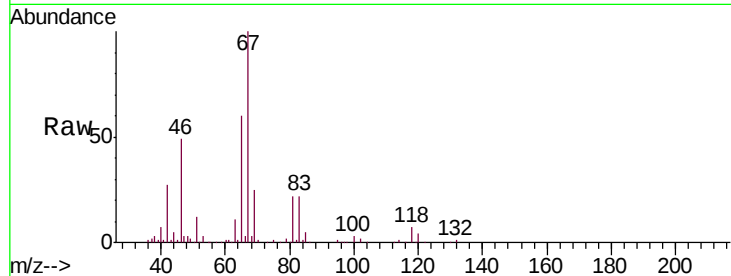




#37
 1,2-Dichloropropane
 Concen: 0.420 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031950.D
 Acq: 12 May 2019 18:05

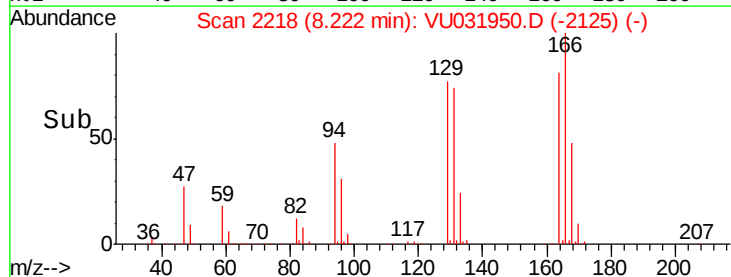
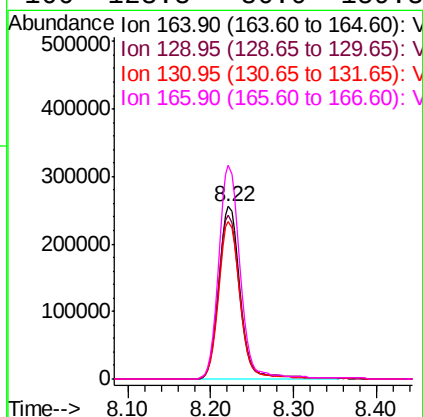
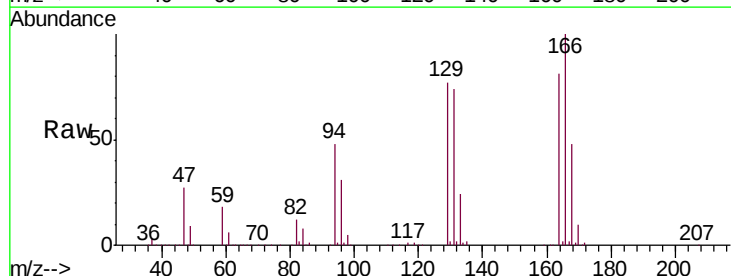
Instrument :
 MSVOA_U
 ClientSampled :
 F9D53

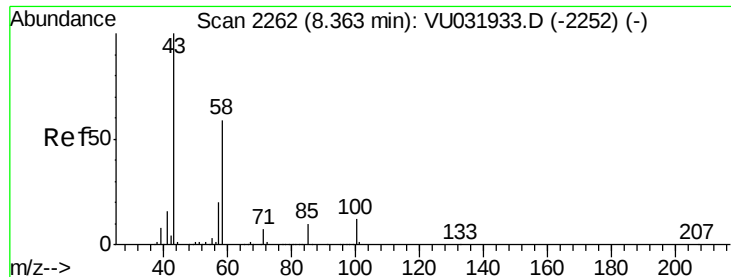
Tgt Ion: 63 Resp: 20454
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 16.322 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031950.D
 Acq: 12 May 2019 18:05

Tgt Ion: 164 Resp: 455497
 Ion Ratio Lower Upper
 164 100
 129 94.8 70.3 130.5
 131 91.6 65.4 121.4
 166 123.8 86.0 159.8

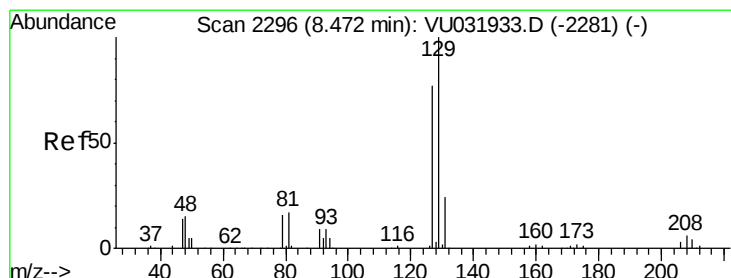
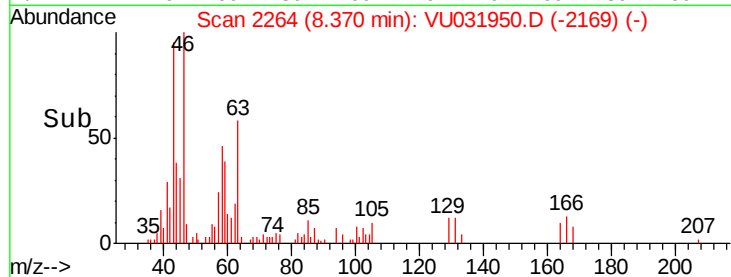
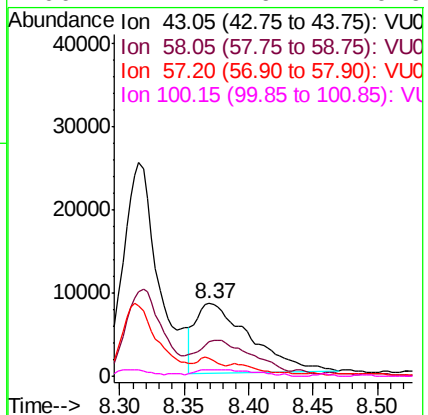
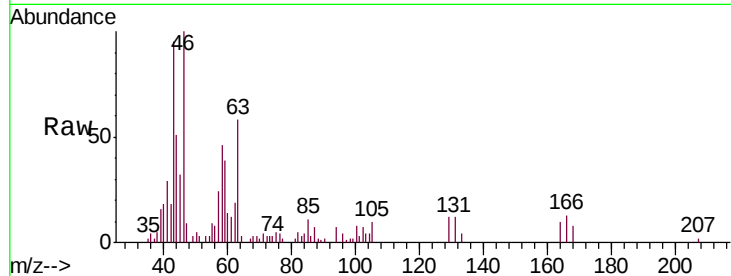




#48
2-Hexanone
Concen: 1.071 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

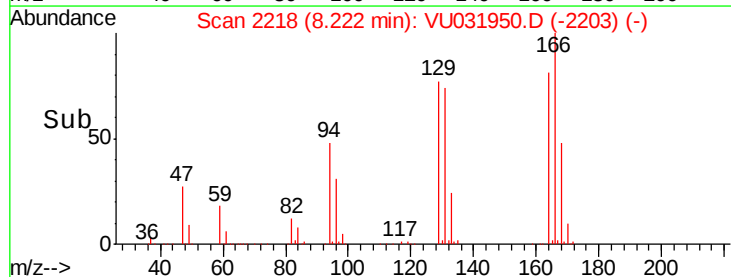
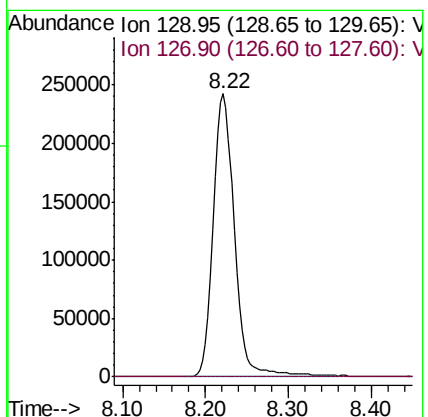
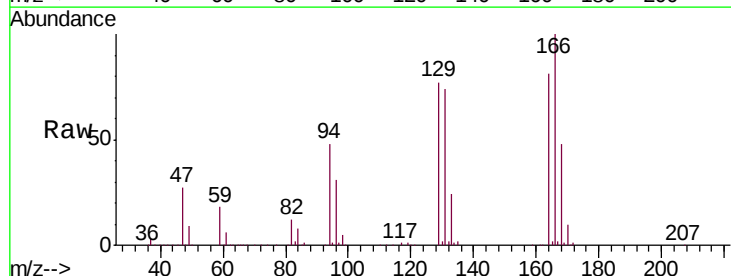
Instrument :
MSVOA_U
ClientSampleId :
F9D53

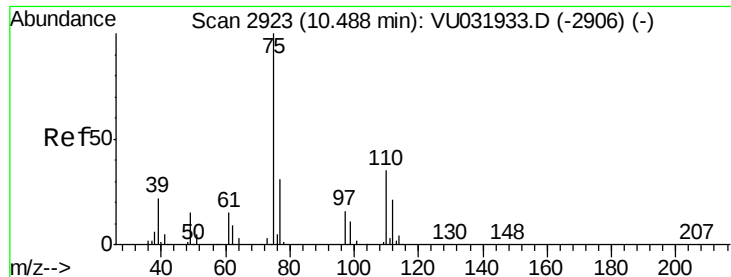
Tgt Ion: 43 Resp: 24955
Ion Ratio Lower Upper
43 100
58 43.9 40.2 60.2
57 4.4 13.8 20.6#
100 2.1 6.4 9.6#



#49
Dibromochloromethane
Concen: 12.903 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031950.D
Acq: 12 May 2019 18:05

Tgt Ion: 129 Resp: 433134
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#59

1,2,3-Trichloropropane

Concen: 0.791 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031950.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_U

ClientSampleId :

F9D53

Tgt Ion: 75 Resp: 22823

Ion Ratio Lower Upper

75 100

77 38.4 26.3 39.5

