

Data File : VU031952.D
Acq On : 12 May 2019 18:54
Operator : JC/SP
Sample : K2791-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D55

Quant Time: May 13 07:05:51 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	484167	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182914	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121102	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	125659	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	196522	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.21	46	556302	43.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	4.64	84	280957	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.31	65	159821	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.33	84	524778	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.33	67	186431	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	7.56	98	388416	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.85	79	55289	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.31	63	381775	45.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	168883	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	148739	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

						Qvalue
8) Chloroethane	1.69	64	5894	0.184	ug/L #	72
12) 1,1-Dichloroethene	2.28	96	16621	0.505	ug/L #	1
13) Acetone	2.35	43	394349	44.817	ug/L	81
15) Methyl Acetate	2.55	43	14726	0.649	ug/L #	59
19) 1,1-Dichloroethane	3.44	63	51457	0.590	ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	486934	11.429	ug/L	79
25) Chloroform	4.67	83	14621	0.170	ug/L	99
27) 1,2-Dichloroethane	5.41	62	10571	0.187	ug/L #	82
34) Trichloroethene	6.18	95	73938	1.688	ug/L	92
35) Methylcyclohexane	6.32	83	41156	0.654	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	18711	0.376	ug/L #	92
47) Tetrachloroethene	8.22	164	462791	16.248	ug/L	98
48) 2-Hexanone	8.37	43	23958	1.007	ug/L #	43
49) Dibromochloromethane	8.22	129	450125	13.137	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	23518	0.799	ug/L	91

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

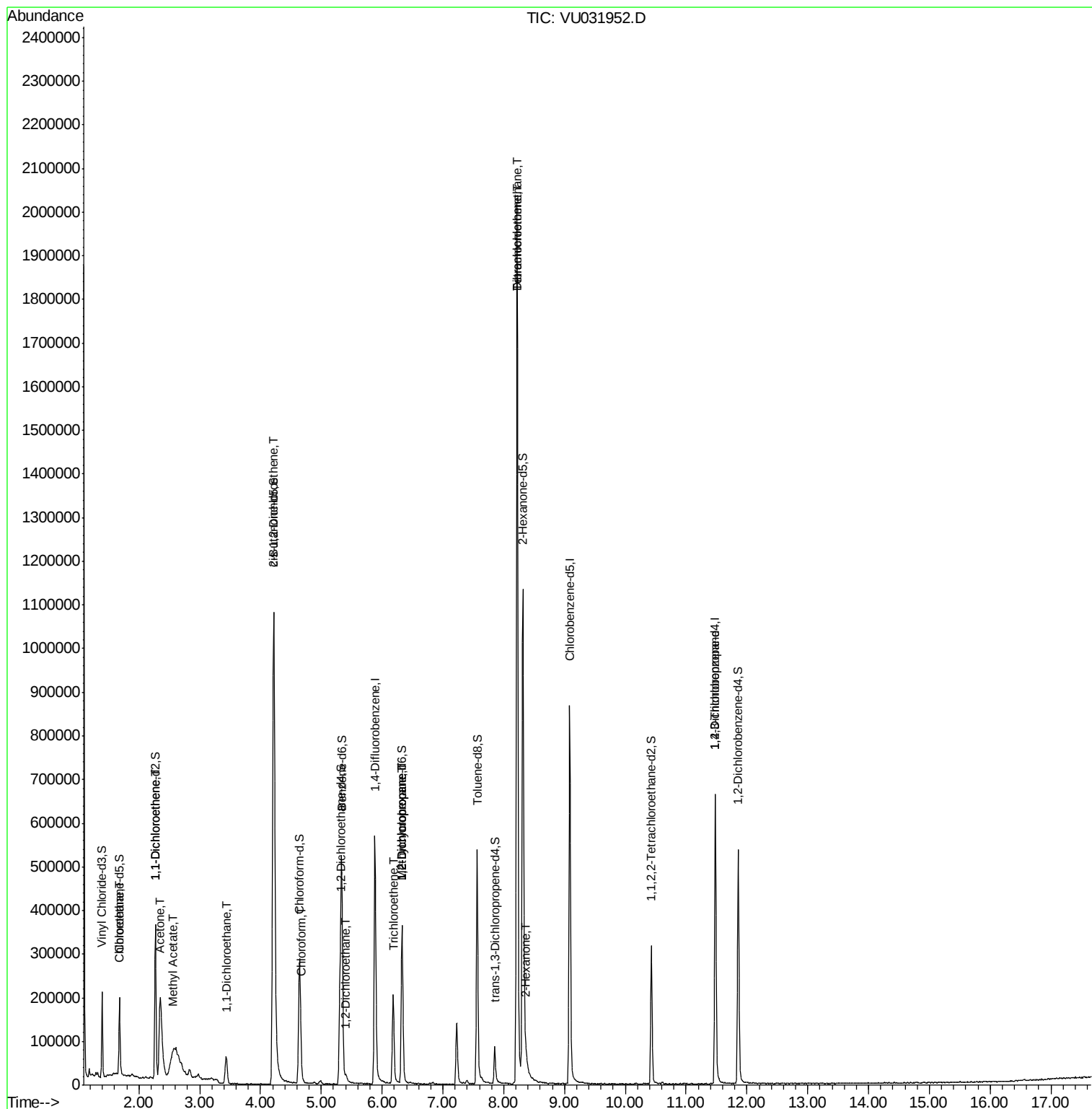
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

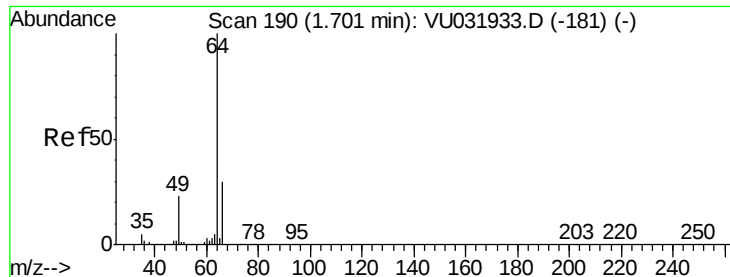
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.184 ug/L

RT: 1.69 min Scan# 188

Delta R.T. -0.01 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

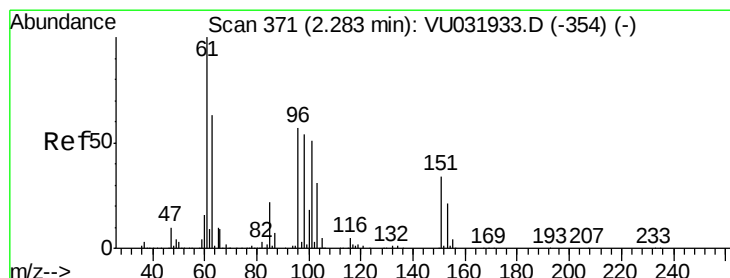
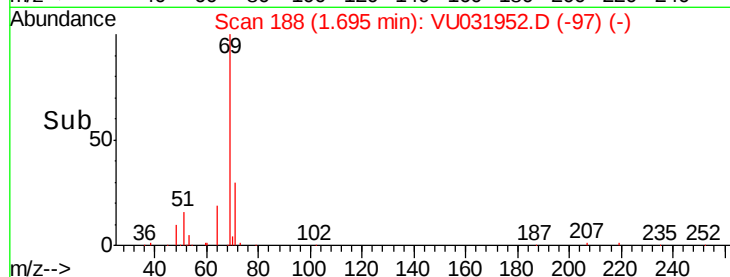
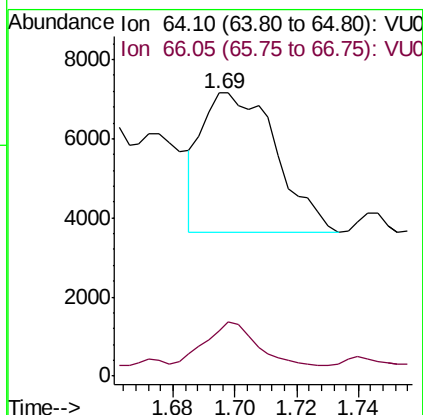
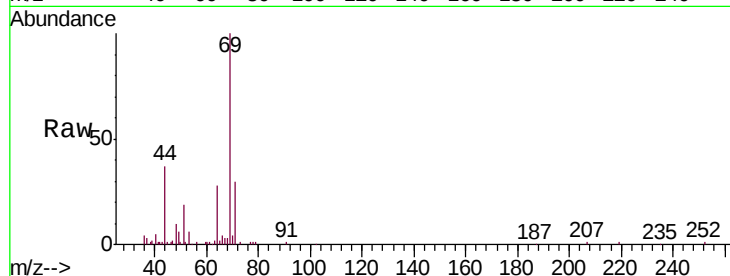
F9D55

Tgt Ion: 64 Resp: 5894

Ion Ratio Lower Upper

64 100

66 16.0 21.9 40.7#



#12

1,1-Dichloroethene

Concen: 0.505 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

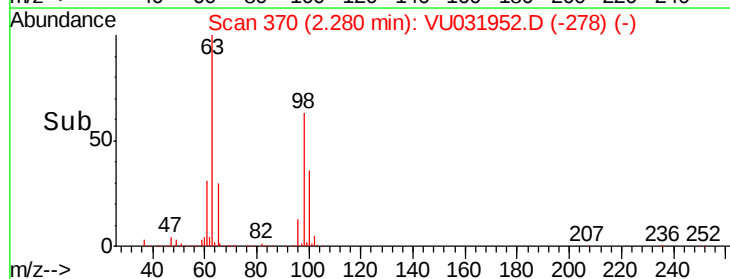
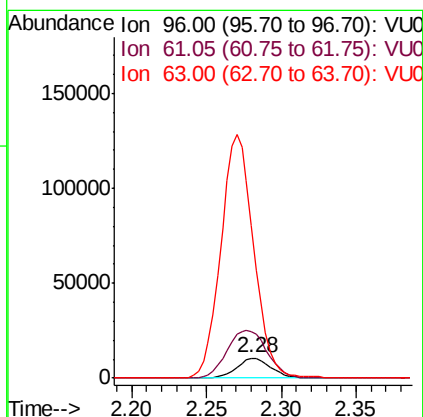
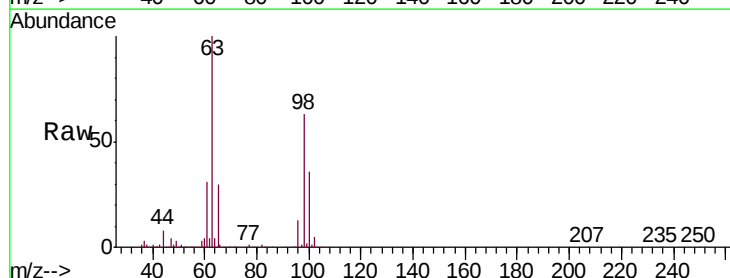
Tgt Ion: 96 Resp: 16621

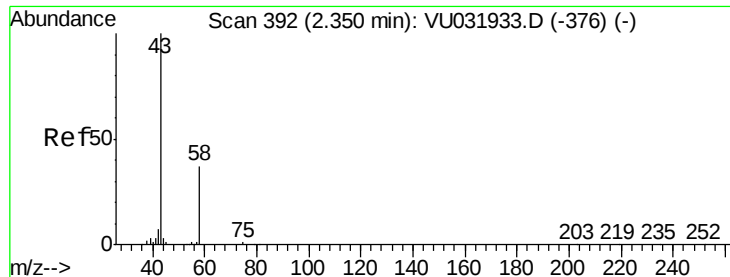
Ion Ratio Lower Upper

96 100

61 237.7 149.0 276.6

63 770.7 99.8 185.4#





#13

Acetone

Concen: 44.817 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

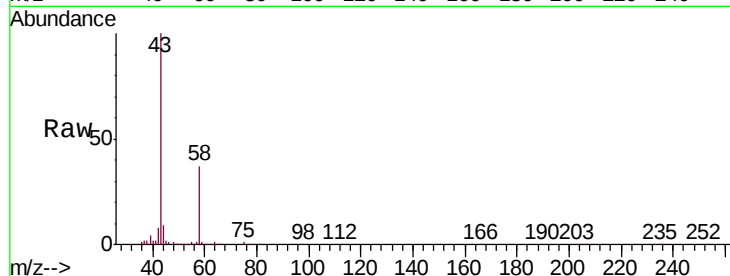
F9D55

Tgt Ion: 43 Resp: 394349

Ion Ratio Lower Upper

43 100

58 36.4 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) (-)

2.35

120000

100000

80000

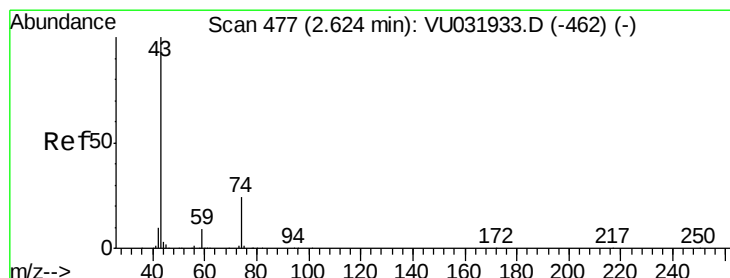
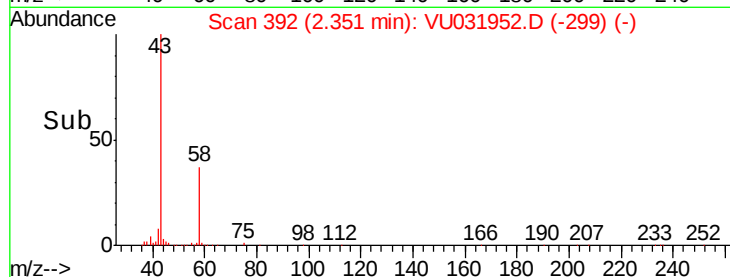
60000

40000

20000

0

Time-->



#15

Methyl Acetate

Concen: 0.649 ug/L

RT: 2.55 min Scan# 454

Delta R.T. -0.07 min

Lab File: VU031952.D

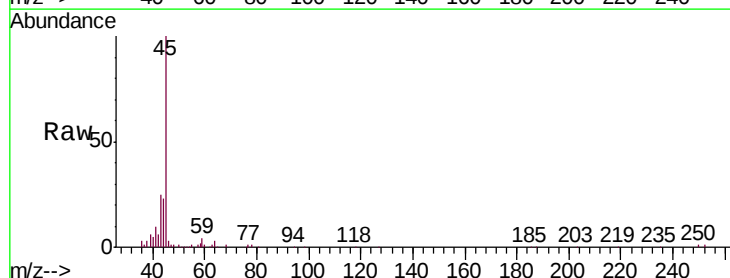
Acq: 12 May 2019 18:54

Tgt Ion: 43 Resp: 14726

Ion Ratio Lower Upper

43 100

74 0.3 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) (-)

2.55

10000

8000

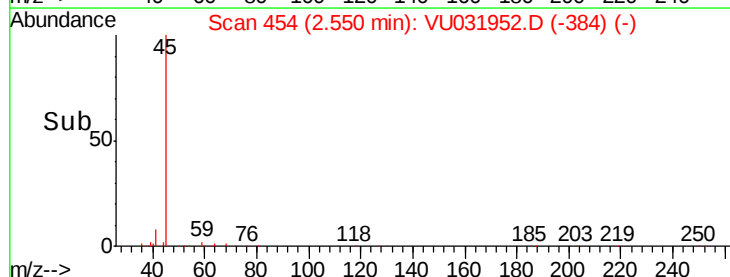
6000

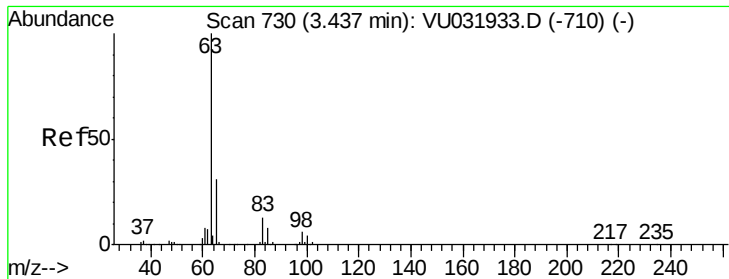
4000

2000

0

Time-->





#19

1,1-Dichloroethane

Concen: 0.590 ug/L

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

F9D55

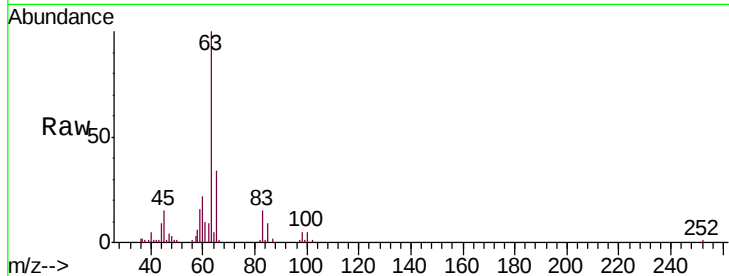
Tgt Ion: 63 Resp: 51457

Ion Ratio Lower Upper

63 100

65 33.8 21.8 40.4

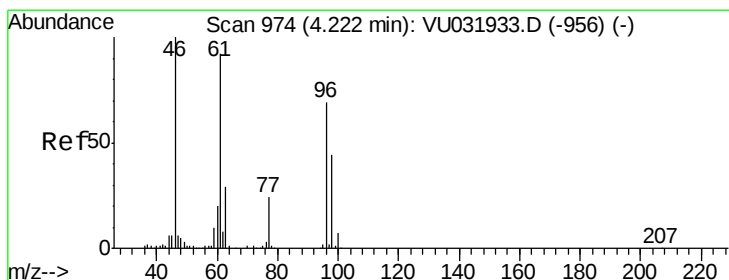
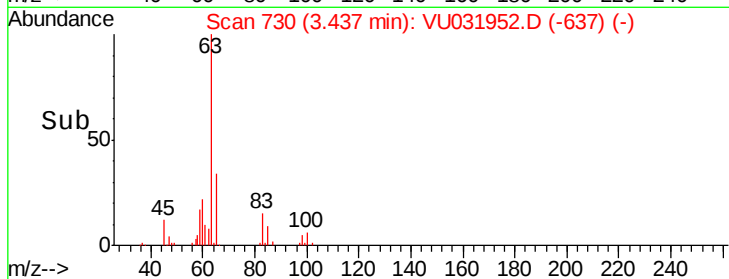
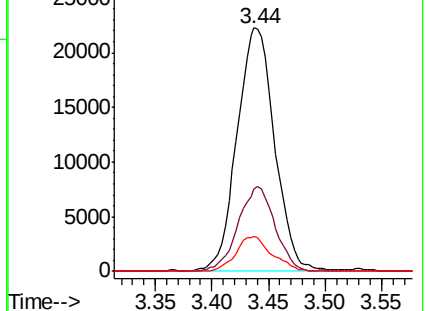
83 14.6 7.9 14.7



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: 11.429 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

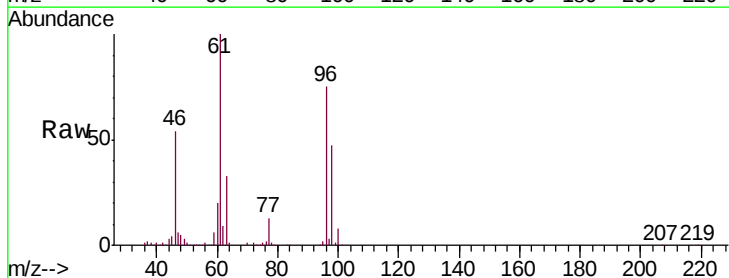
Tgt Ion: 96 Resp: 486934

Ion Ratio Lower Upper

96 100

61 133.4 113.3 210.5

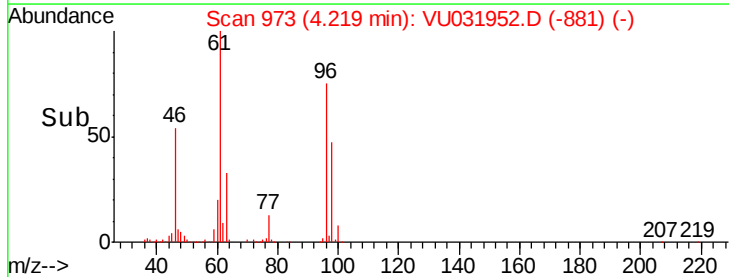
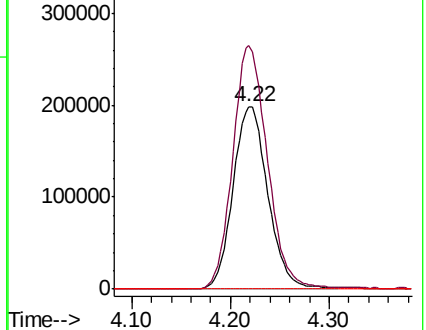
68 0.0 0.0 0.0

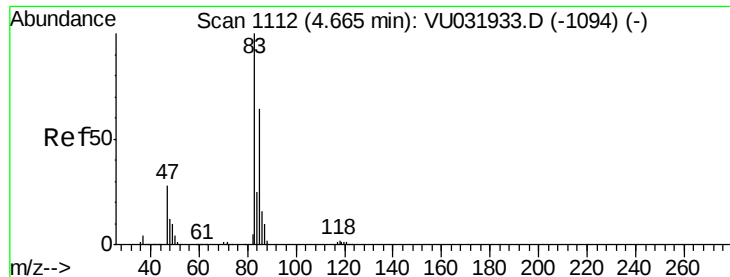


Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-956) (-)

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

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

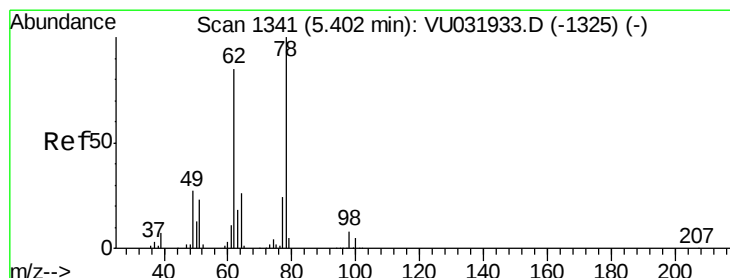
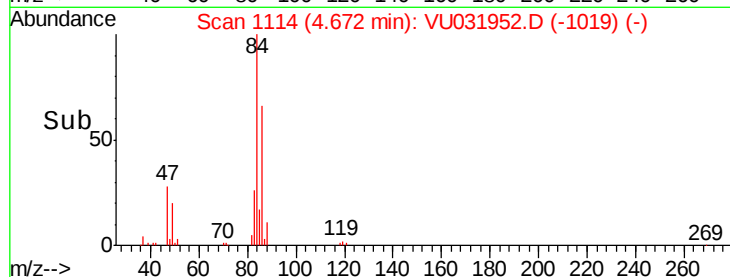
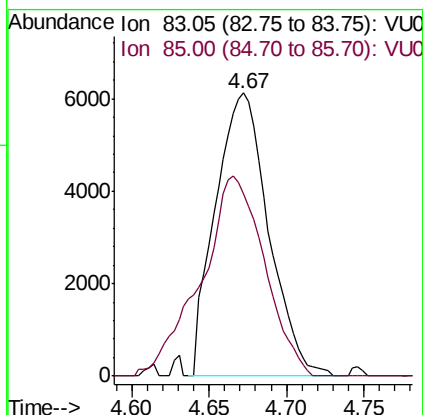
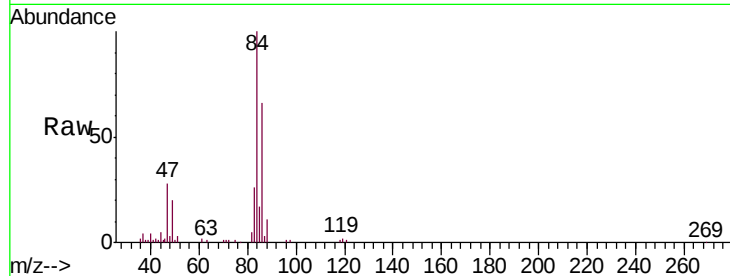




#25
Chloroform
Concen: 0.170 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031952.D
Acq: 12 May 2019 18:54

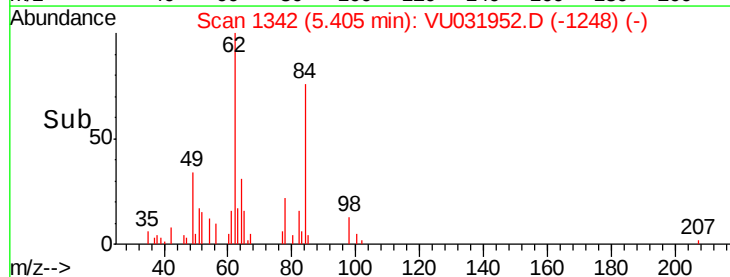
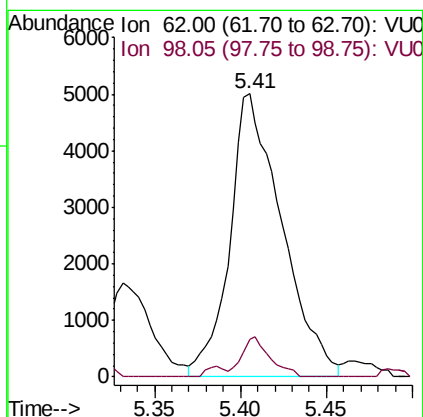
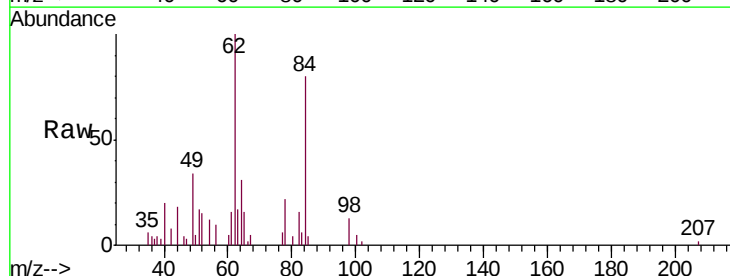
Instrument :
MSVOA_U
ClientSampleId :
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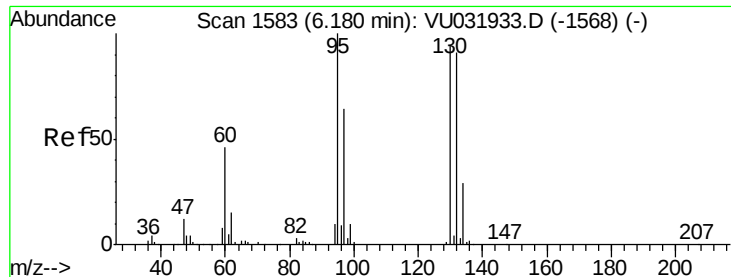
Tgt Ion: 83 Resp: 14621
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.187 ug/L
RT: 5.41 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VU031952.D
Acq: 12 May 2019 18:54

Tgt Ion: 62 Resp: 10571
Ion Ratio Lower Upper
62 100
98 13.1 5.4 8.2#





#34

Trichloroethene

Concen: 1.688 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

F9D55

Tgt Ion: 95 Resp: 73938

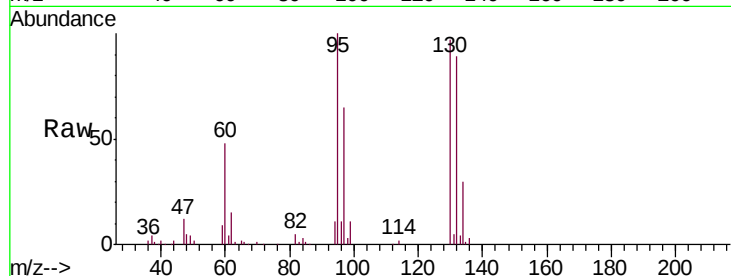
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 88.6 56.0 104.0

130 96.7 60.4 112.2

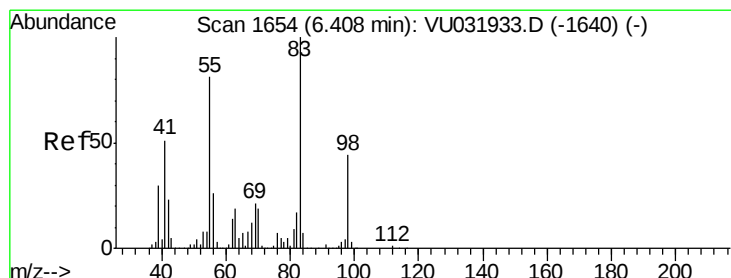
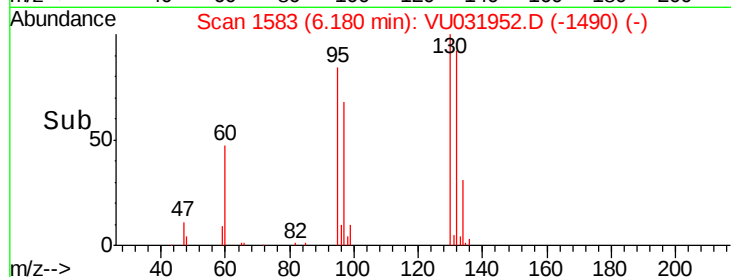
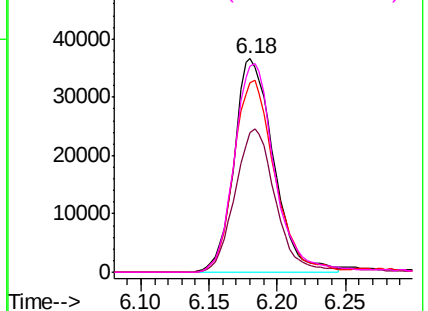


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.654 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

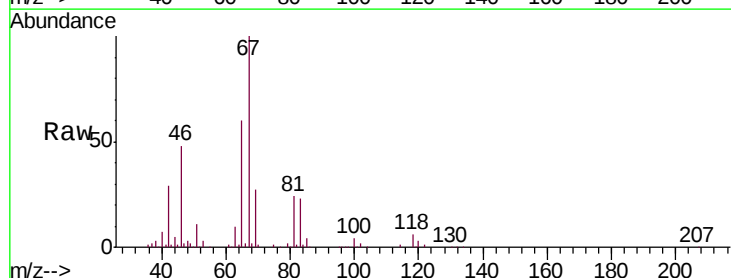
Tgt Ion: 83 Resp: 41156

Ion Ratio Lower Upper

83 100

55 0.3 79.2 118.8#

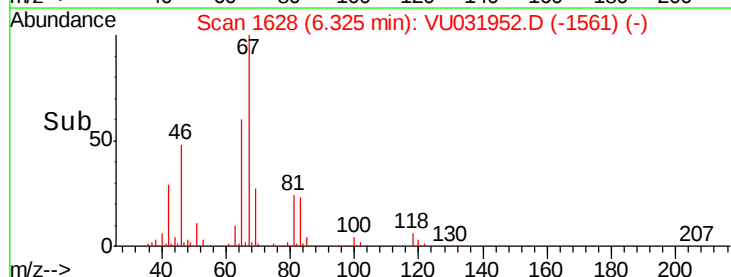
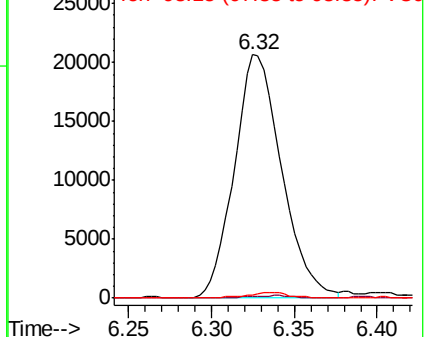
98 0.5 34.0 51.0#

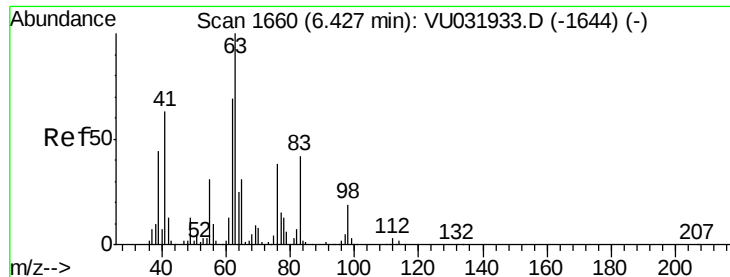


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

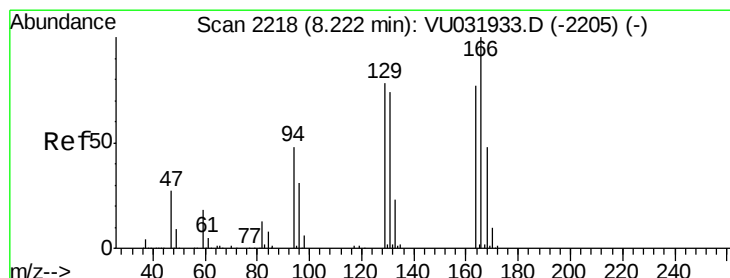
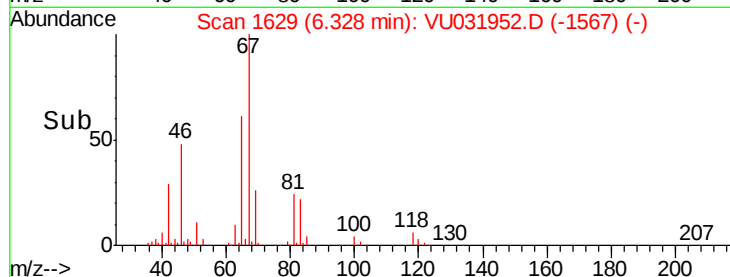
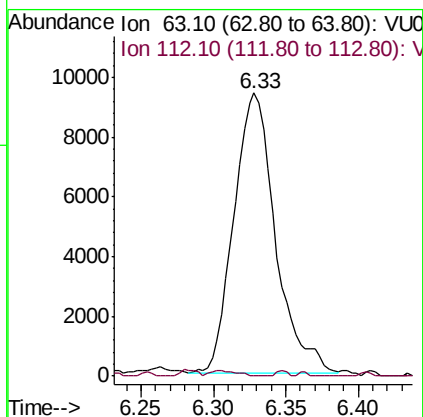
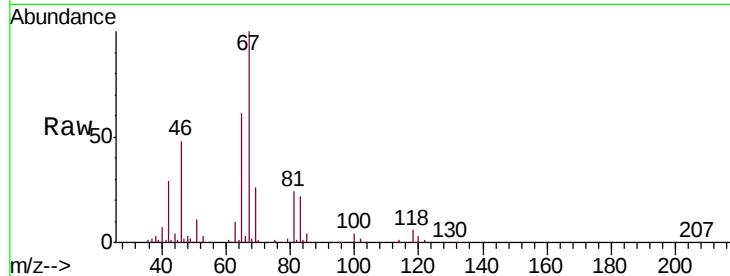




#37
 1,2-Dichloropropane
 Concen: 0.376 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031952.D
 Acq: 12 May 2019 18:54

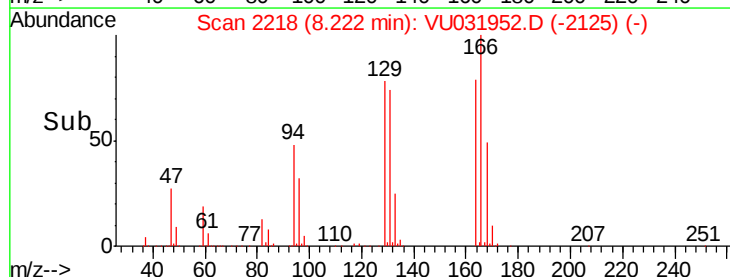
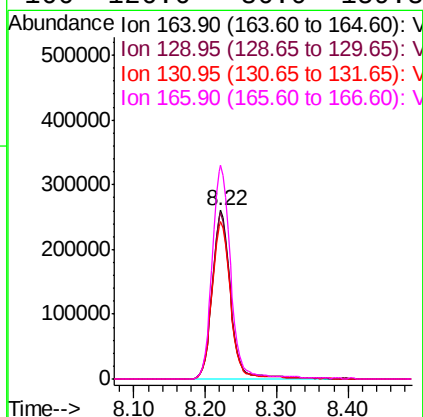
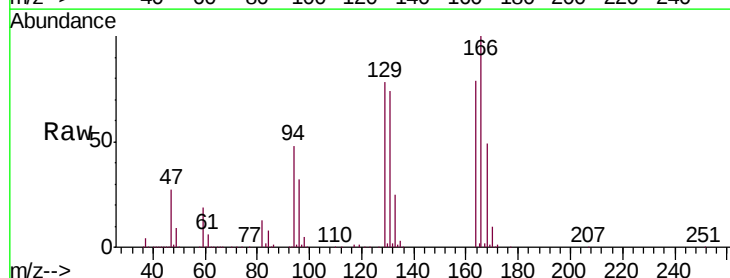
Instrument :
 MSVOA_U
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 F9D55

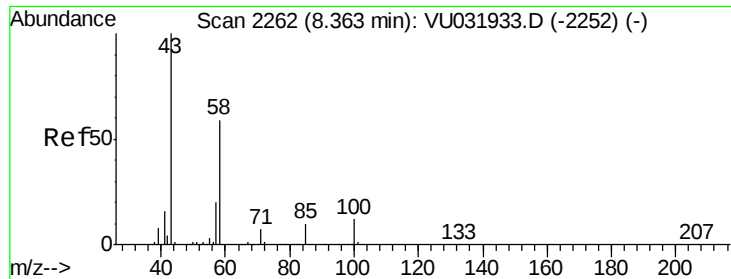
Tgt Ion: 63 Resp: 18711
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 16.248 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031952.D
 Acq: 12 May 2019 18:54

Tgt Ion: 164 Resp: 462791
 Ion Ratio Lower Upper
 164 100
 129 99.0 70.3 130.5
 131 93.4 65.4 121.4
 166 126.6 86.0 159.8

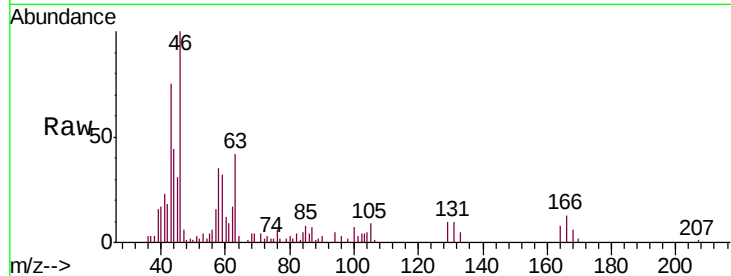




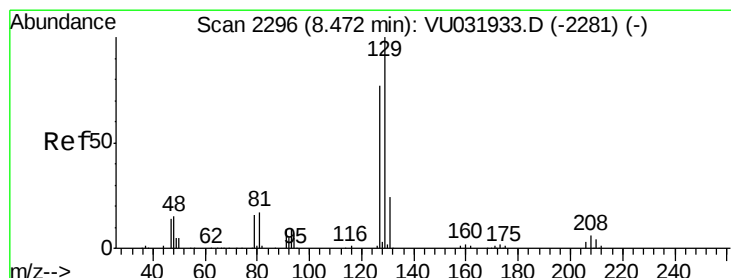
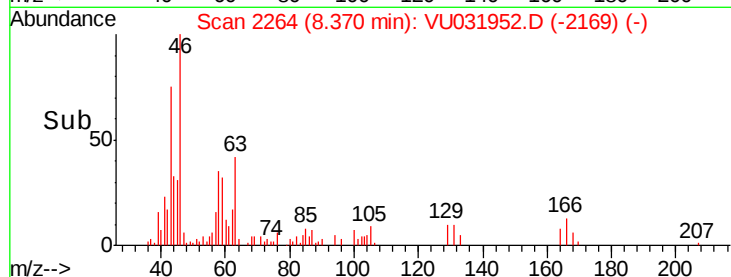
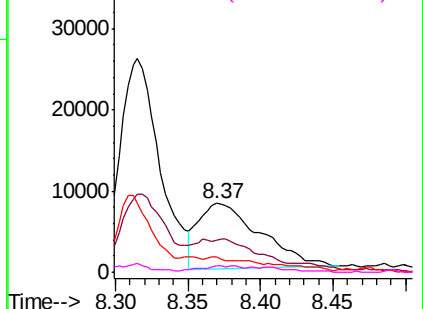
#48
2-Hexanone
Concen: 1.007 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031952.D
Acq: 12 May 2019 18:54

Instrument :
MSVOA_U
ClientSampleId :
F9D55

Tgt Ion:	43	Resp:	23958
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.2	60.2#
57	2.1	13.8	20.6#
100	6.6	6.4	9.6

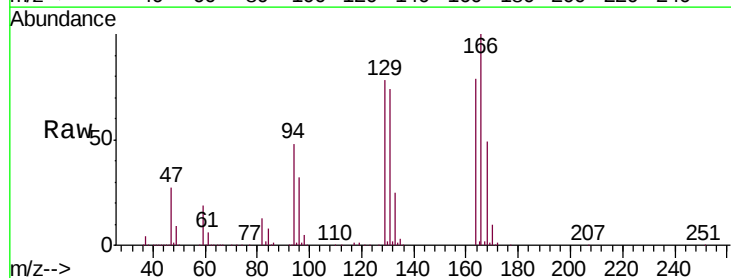


Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-2252) (-)
Ion 58.05 (57.75 to 58.75): VU031933.D (-2252) (-)
Ion 57.20 (56.90 to 57.90): VU031933.D (-2252) (-)
Ion 100.15 (99.85 to 100.85): VU031933.D (-2252) (-)

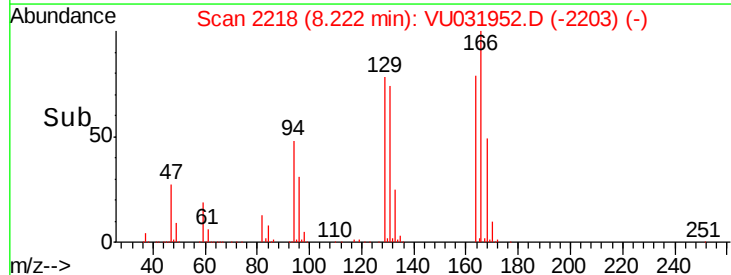
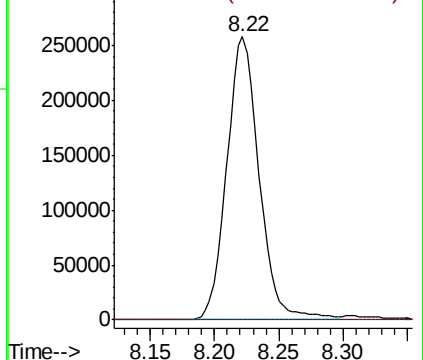


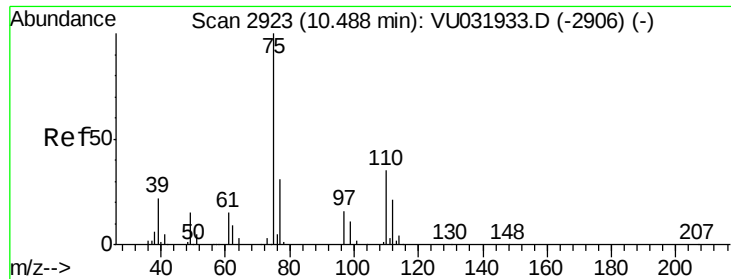
#49
Dibromochloromethane
Concen: 13.137 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031952.D
Acq: 12 May 2019 18:54

Tgt Ion:	129	Resp:	450125
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: 0.799 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

F9D55

Tgt Ion: 75 Resp: 23518

Ion Ratio Lower Upper

75 100

77 37.9 26.3 39.5

