

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029899.D
 Acq On : 08 Mar 2019 19:42
 Operator : JC/SP
 Sample : K1763-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0960

Quant Time: Mar 08 22:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474467	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232884	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123324	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.94%
7) Chloroethane-d5	1.68	69	111390	36.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.08%
11) 1,1-Dichloroethene-d2	2.27	63	225816	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	4.17	46	228251	107.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.88%
24) Chloroform-d	4.65	84	285137	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.31	65	164693	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.34	84	565071	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.33	67	176339	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.56	98	522124	43.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.24%
43) trans-1,3-Dichloropropene-	7.85	79	81839	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.31	63	188715	96.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284688	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	233605	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1862	0.652 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3229	0.977 ug/L #	41
12) 1,1-Dichloroethene	2.28	96	91948	29.264 ug/L	90
13) Acetone	2.32	43	59414	26.279 ug/L	95
16) Methylene chloride	2.70	84	6379377	2098.247 ug/L	99
19) 1,1-Dichloroethane	3.44	63	12456	2.484 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	229037	67.969 ug/L	99
22) 2-Butanone	4.27	43	11059	4.286 ug/L	77
23) Bromochloromethane	4.55	128	3681	1.993 ug/L #	92
25) Chloroform	4.67	83	313361	56.009 ug/L	100
27) 1,2-Dichloroethane	5.40	62	4231	0.984 ug/L #	88
30) 1,1,1-Trichloroethane	4.91	97	11621	2.351 ug/L	97
31) Carbon tetrachloride	5.13	117	5400	1.207 ug/L	97
33) Benzene	5.39	78	8432	0.706 ug/L	100
34) Trichloroethene	6.19	95	11639577	3615.548 ug/L	94
38) Bromodichloromethane	6.76	83	17110	4.046 ug/L #	97
39) cis-1,3-Dichloropropene	7.23	75	4593	0.907 ug/L #	70

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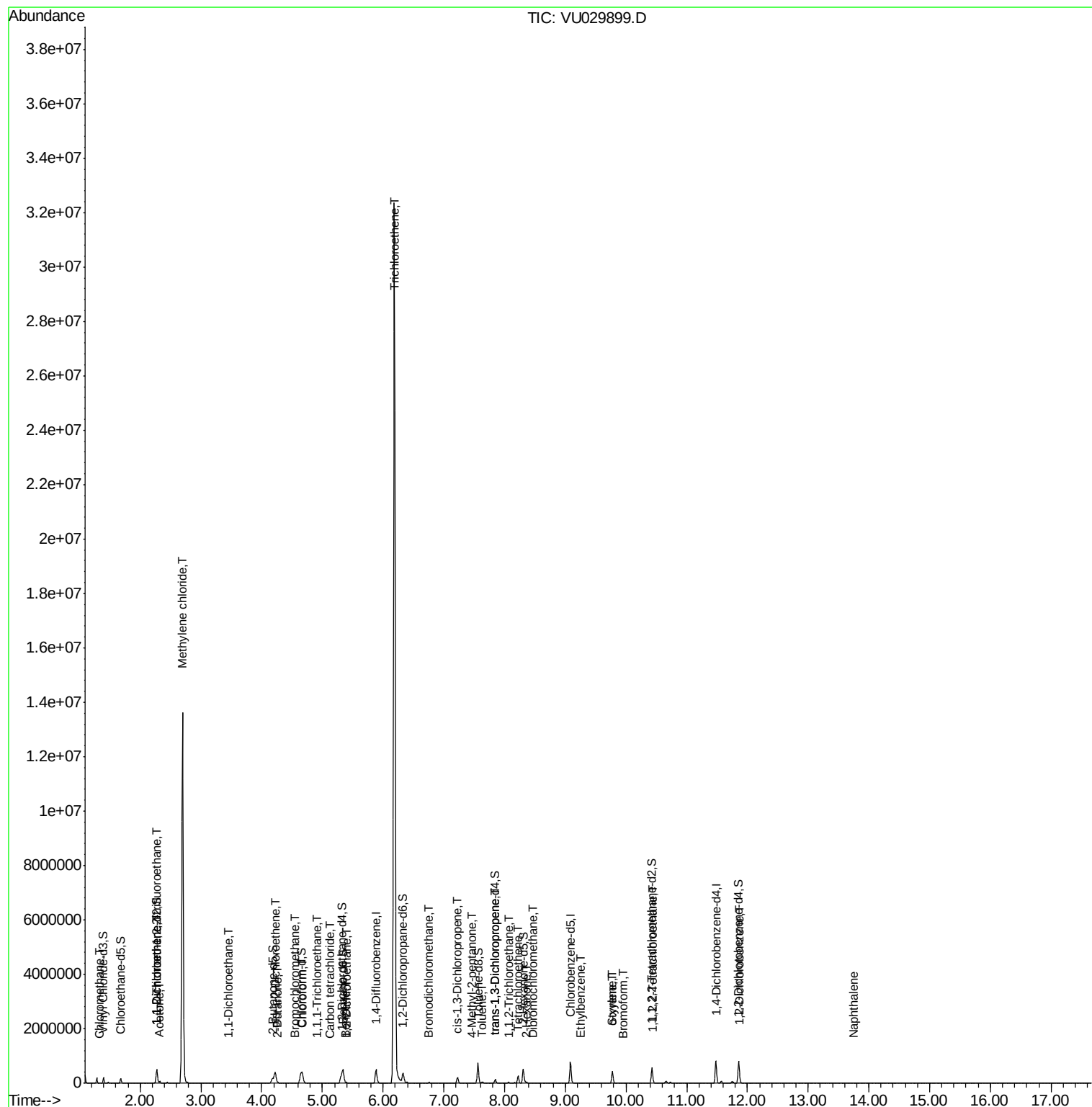
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	7.47	43	8026	1.819	ug/L #	77
42) Toluene	7.64	91	31344	2.218	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	2988	0.626	ug/L #	63
45) 1,1,2-Trichloroethane	8.07	97	8847	2.646	ug/L	96
46) Tetrachloroethene	8.22	164	63246	20.072	ug/L	96
48) 2-Hexanone	8.37	43	4789	1.243	ug/L #	91
49) Dibromochloromethane	8.47	129	6517	1.608	ug/L	100
52) Ethylbenzene	9.25	91	12750	0.794	ug/L	92
54) o-xylene	9.78	106	128764	19.896	ug/L	98
55) Styrene	9.77	104	6516	0.596	ug/L #	1
58) 1,1,2,2-Tetrachloroethane	10.45	83	5749	0.972	ug/L #	97
61) Bromoform	9.96	173	2002	0.638	ug/L #	92
65) 1,2-Dichlorobenzene	11.88	146	13127	1.694	ug/L #	86
69) Naphthalene	13.75	128	8620	0.572	ug/L	97

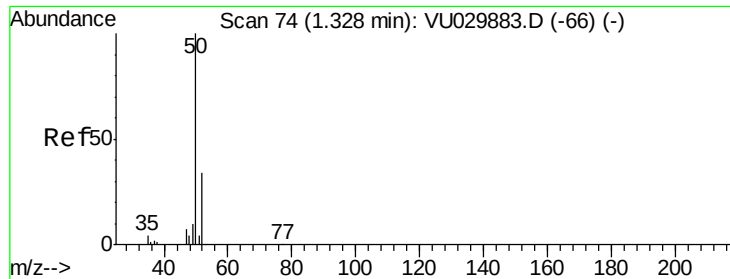
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.652 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

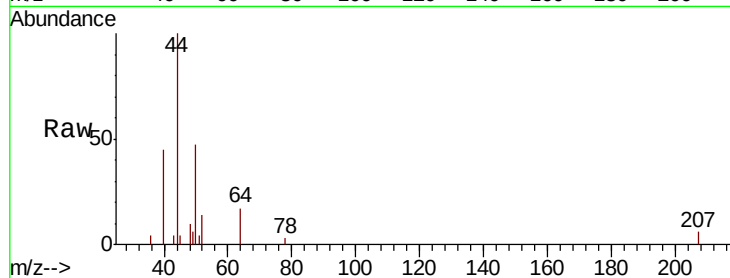
C0960

Tgt Ion: 50 Resp: 1862

Ion Ratio Lower Upper

50 100

52 30.1 23.9 44.3



Abundance Ion 50.00 (49.70 to 50.70): VU029883.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU029883.D (-66) (-)

1.33

1500

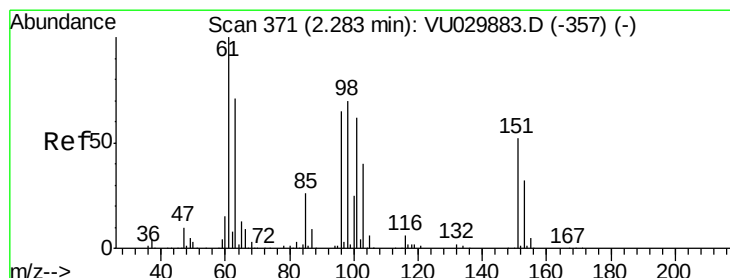
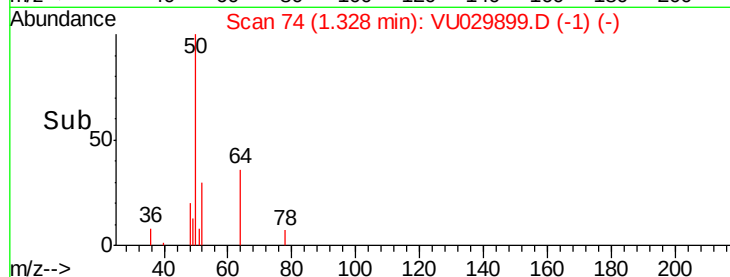
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.977 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

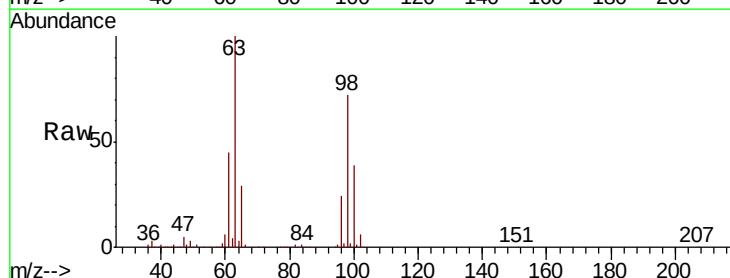
Tgt Ion: 101 Resp: 3229

Ion Ratio Lower Upper

101 100

85 15.4 33.0 49.6#

151 21.2 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): VU029883.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU029883.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU029883.D (-357) (-)

2.27

2500

2000

1500

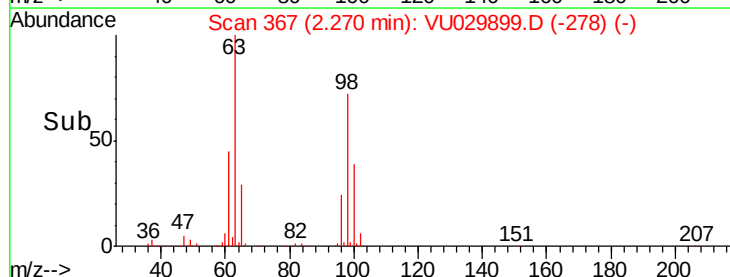
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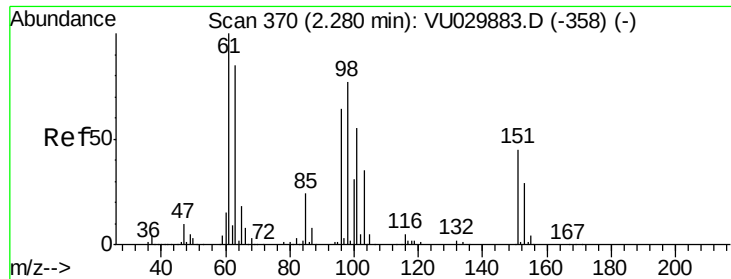
500

0

2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 29.264 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

C0960

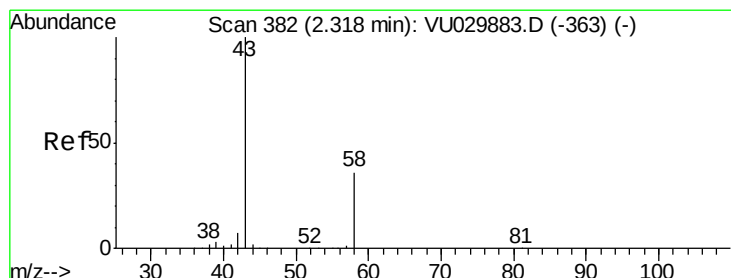
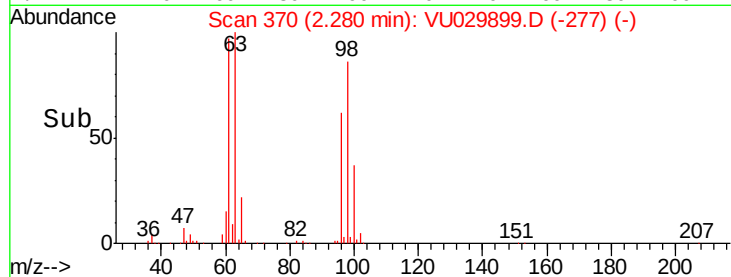
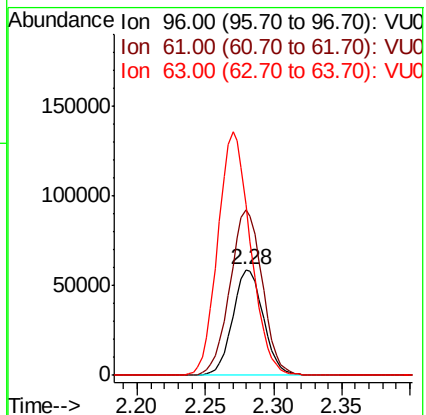
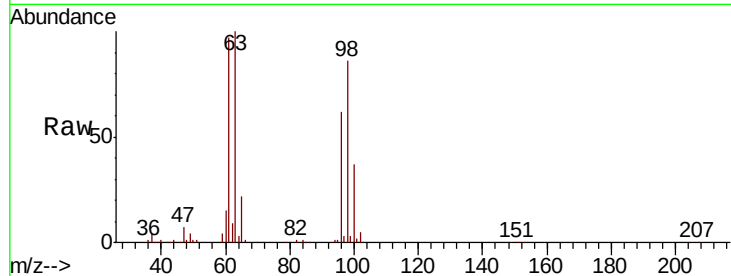
Tgt Ion: 96 Resp: 91948

Ion Ratio Lower Upper

96 100

61 156.7 114.0 211.8

63 161.7 98.7 183.3



#13

Acetone

Concen: 26.279 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029899.D

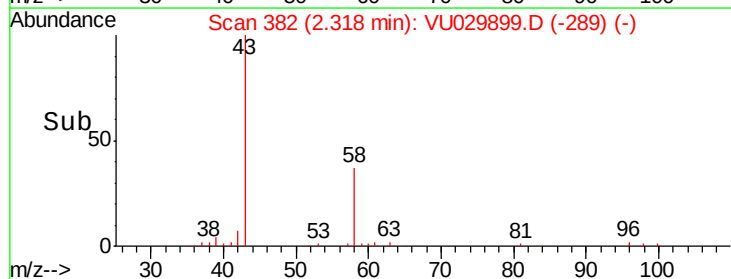
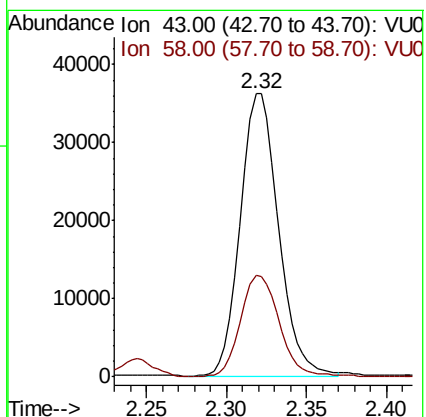
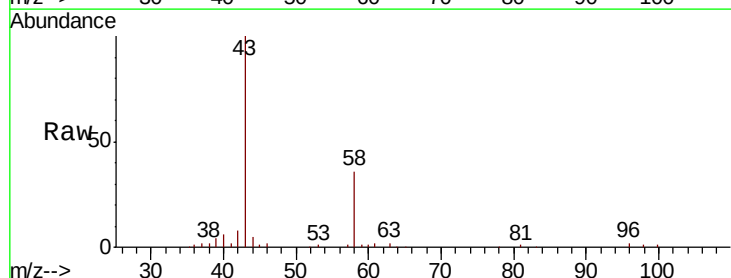
Acq: 08 Mar 2019 19:42

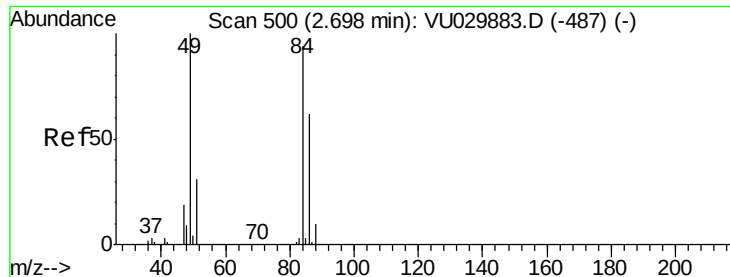
Tgt Ion: 43 Resp: 59414

Ion Ratio Lower Upper

43 100

58 36.2 0.0 66.8

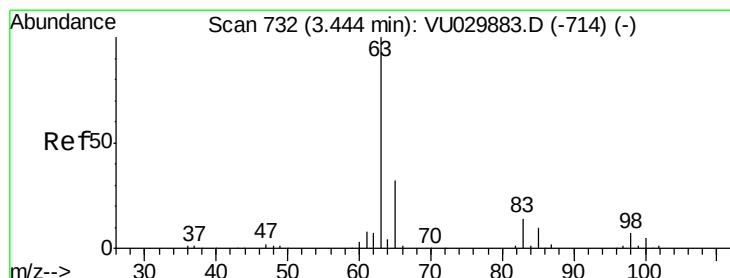
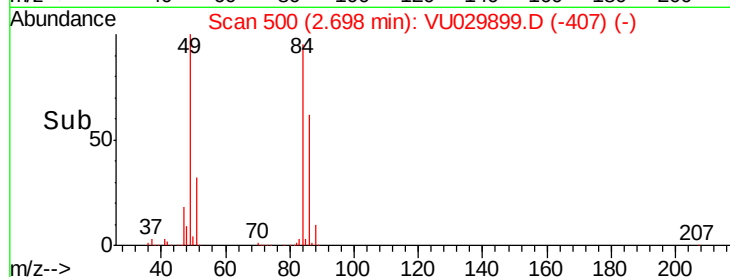
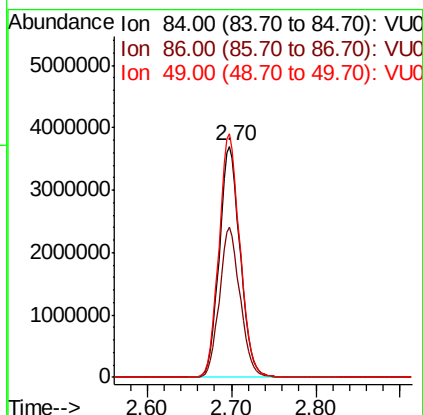
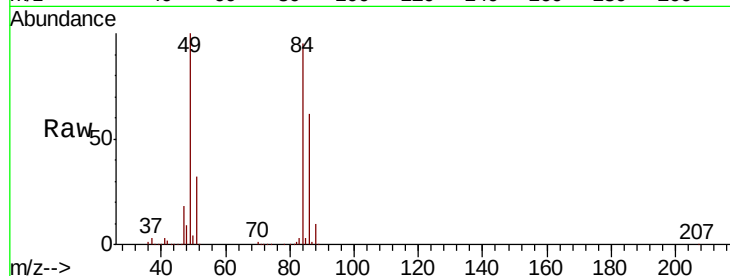




#16
Methylene chloride
Concen: 2098.247 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029899.D
Acq: 08 Mar 2019 19:42

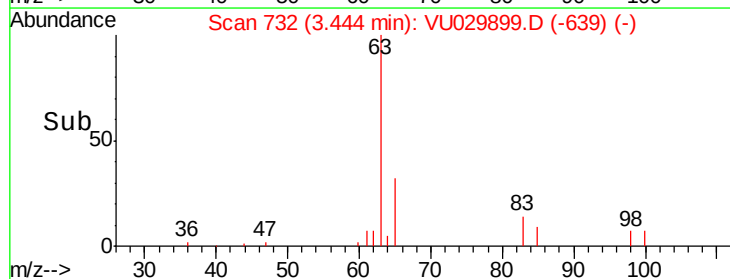
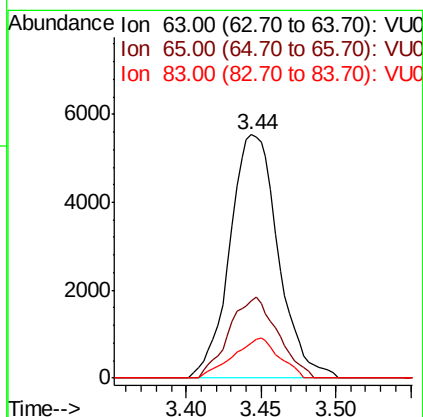
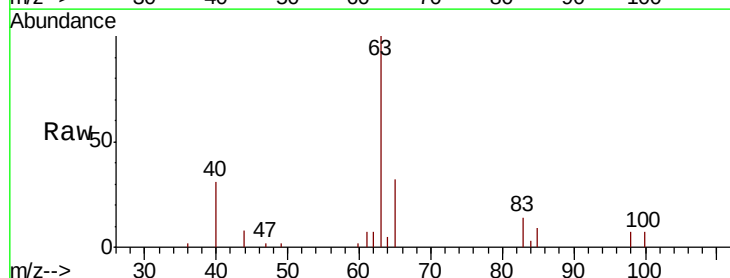
Instrument :
MSVOA_U
ClientSampled :
C0960

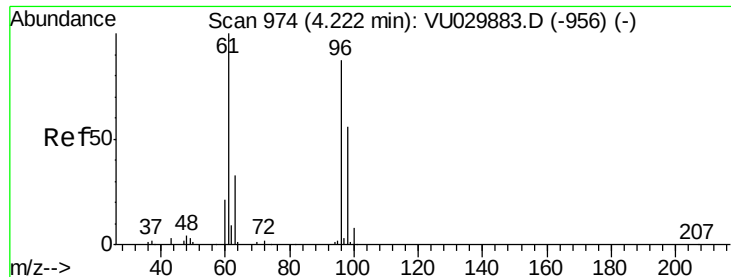
Tgt Ion: 84 Resp: 6379377
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 105.5 75.1 139.5



#19
1,1-Dichloroethane
Concen: 2.484 ug/L
RT: 3.44 min Scan# 732
Delta R.T. -0.00 min
Lab File: VU029899.D
Acq: 08 Mar 2019 19:42

Tgt Ion: 63 Resp: 12456
Ion Ratio Lower Upper
63 100
65 31.8 22.3 41.3
83 14.4 9.9 18.3

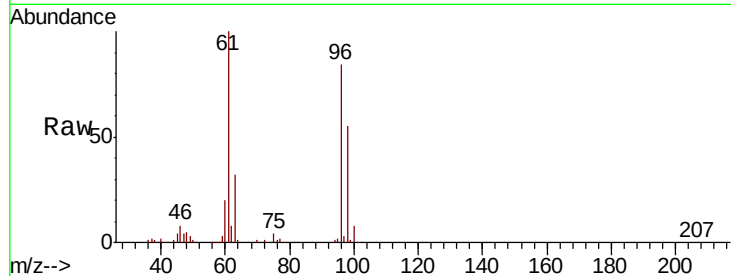




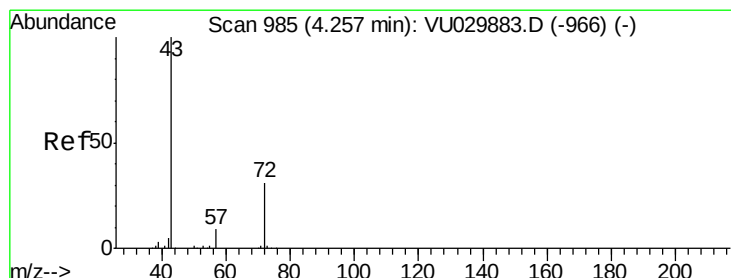
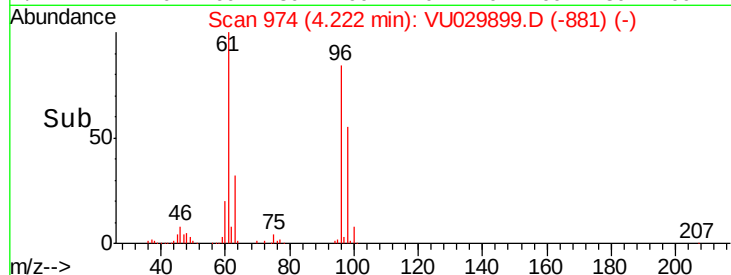
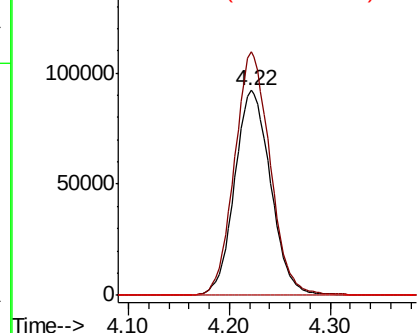
#20
 cis-1,2-Dichloroethene
 Concen: 67.969 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0960

Tgt Ion: 96 Resp: 229037
 Ion Ratio Lower Upper
 96 100
 61 119.0 83.9 155.7
 68 0.0 0.0 0.0

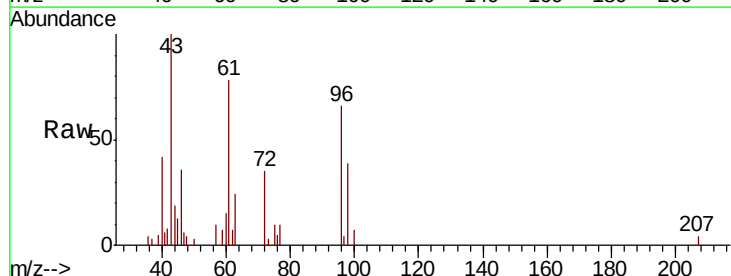


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

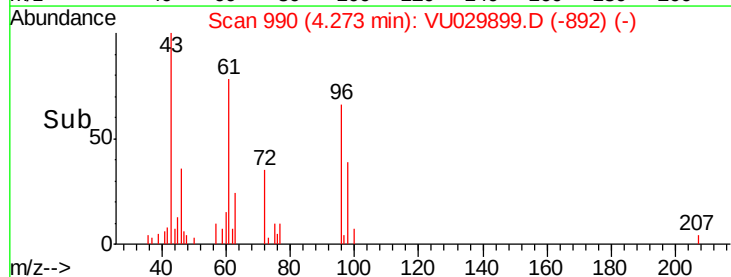
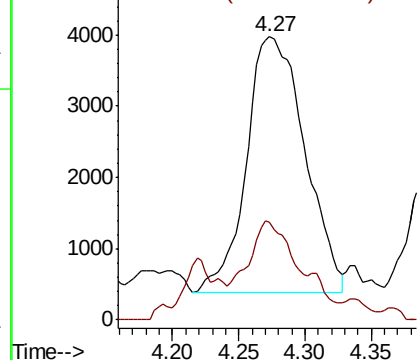


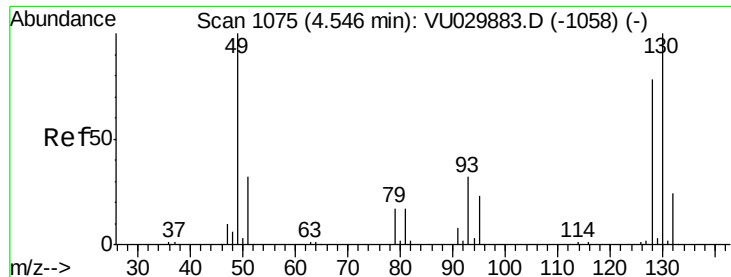
#22
 2-Butanone
 Concen: 4.286 ug/L
 RT: 4.27 min Scan# 990
 Delta R.T. 0.02 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Tgt Ion: 43 Resp: 11059
 Ion Ratio Lower Upper
 43 100
 72 18.1 15.2 45.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0

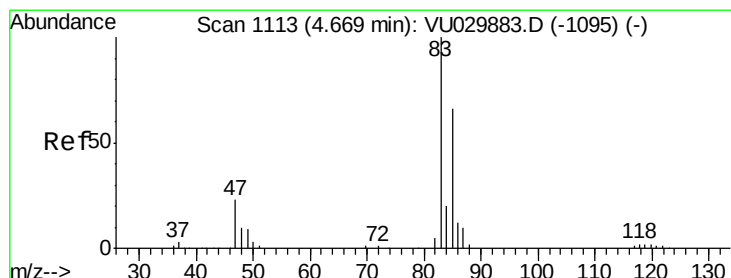
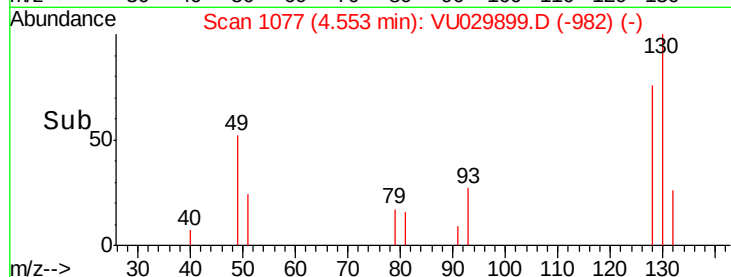
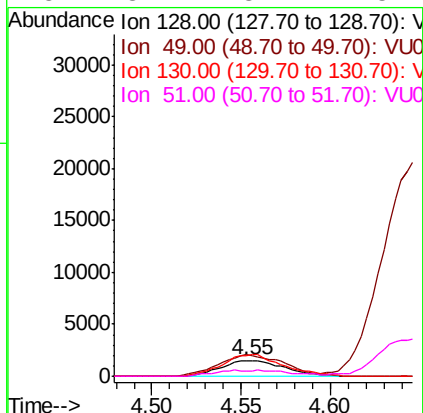
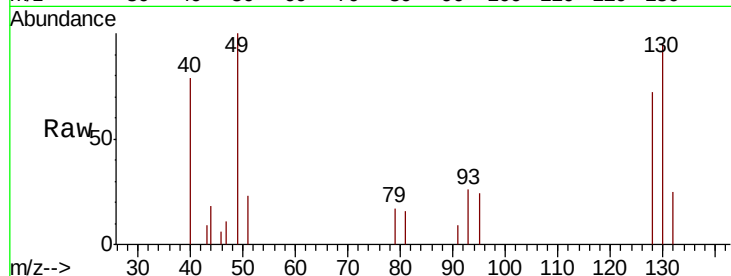




#23
 Bromochloromethane
 Concen: 1.993 ug/L
 RT: 4.55 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

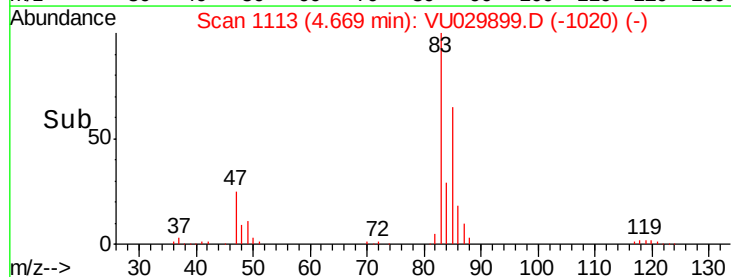
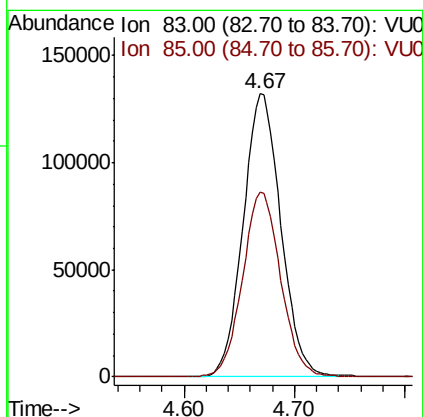
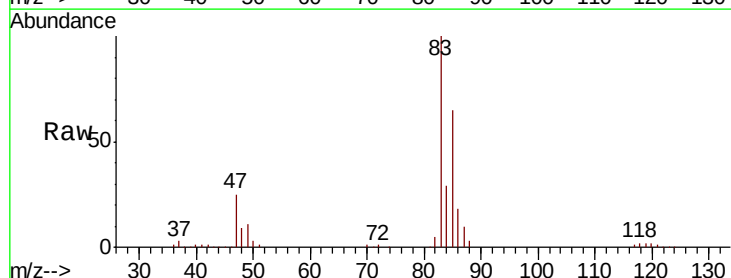
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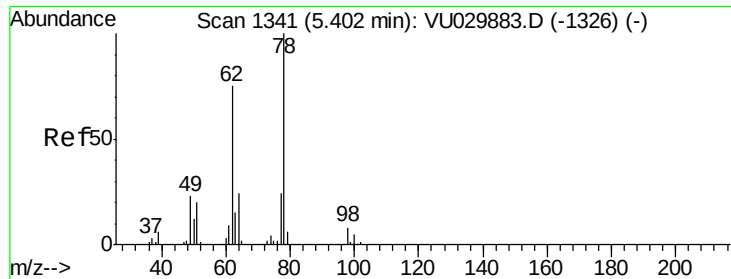
Tgt Ion: 128 Resp: 3681
 Ion Ratio Lower Upper
 128 100
 49 138.1 85.9 159.5
 130 131.6 91.3 169.5
 51 32.1 32.2 48.2#



#25
 Chloroform
 Concen: 56.009 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Tgt Ion: 83 Resp: 313361
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.4 84.2

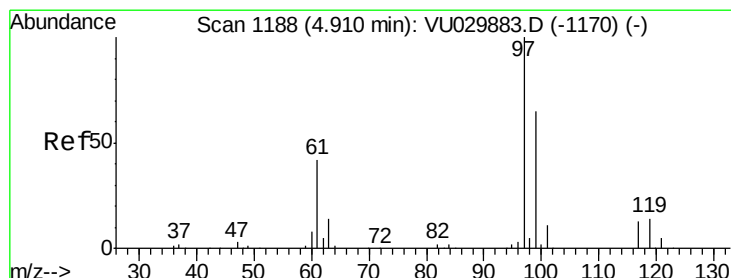
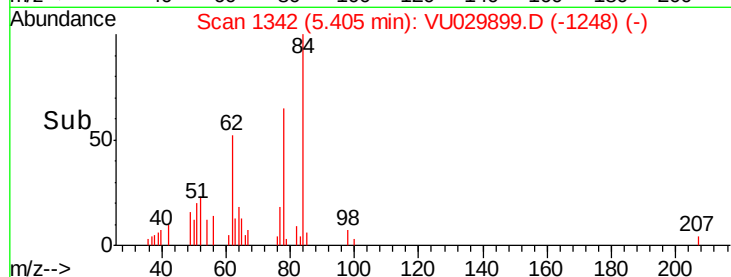
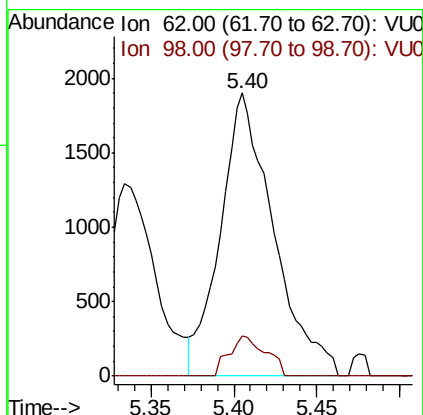
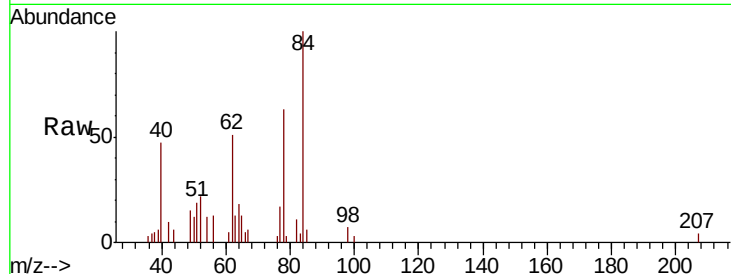




#27
 1,2-Dichloroethane
 Concen: 0.984 ug/L
 RT: 5.40 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

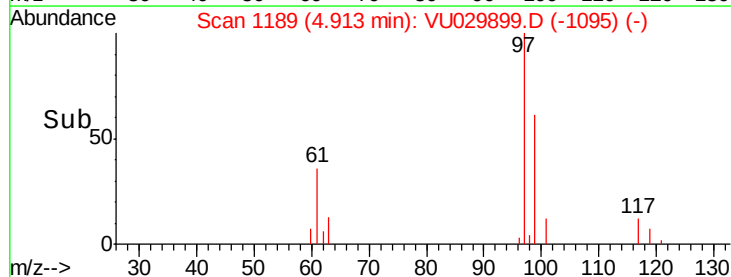
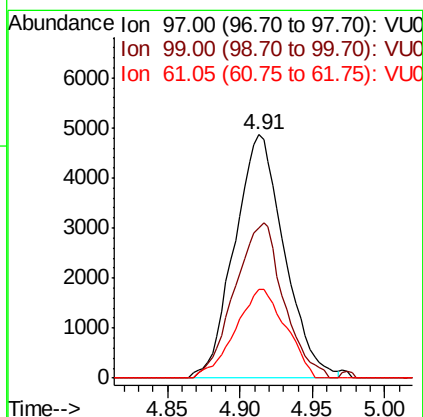
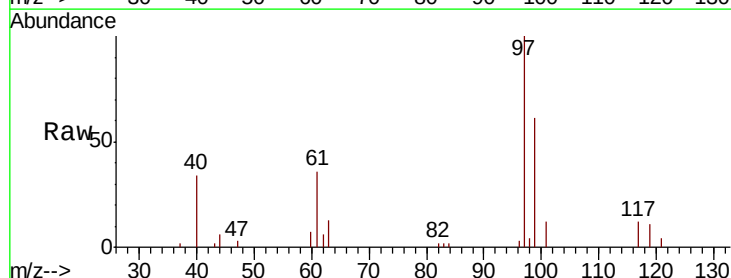
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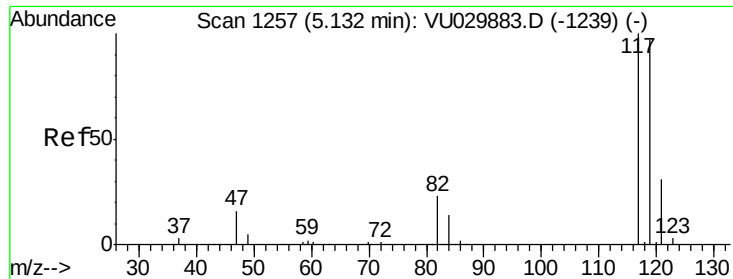
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 Ion Ratio Lower Upper
 62 100
 98 14.3 7.8 11.8#



#30
 1,1,1-Trichloroethane
 Concen: 2.351 ug/L
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Tgt Ion: 97 Resp: 11621
 Ion Ratio Lower Upper
 97 100
 99 62.8 51.4 77.0
 61 36.9 32.3 48.5

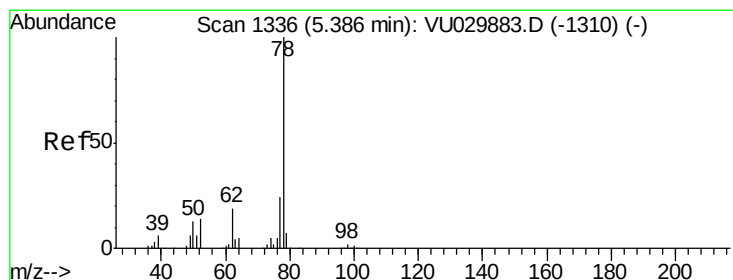
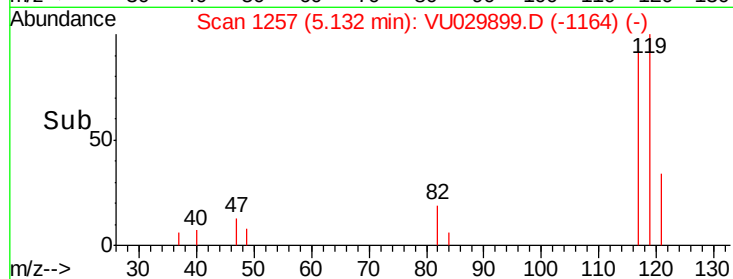
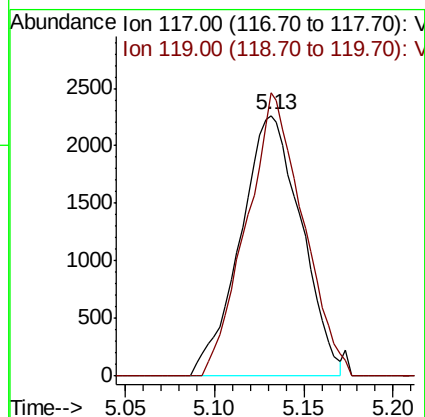
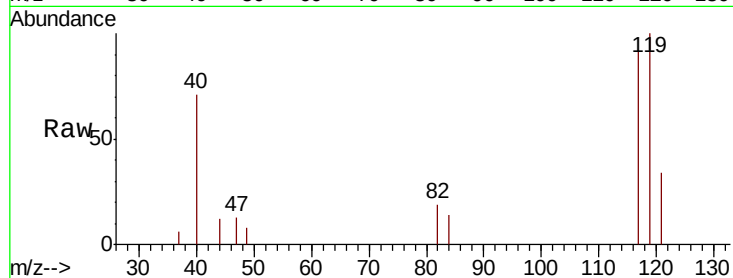




#31
 Carbon tetrachloride
 Concen: 1.207 ug/L
 RT: 5.13 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

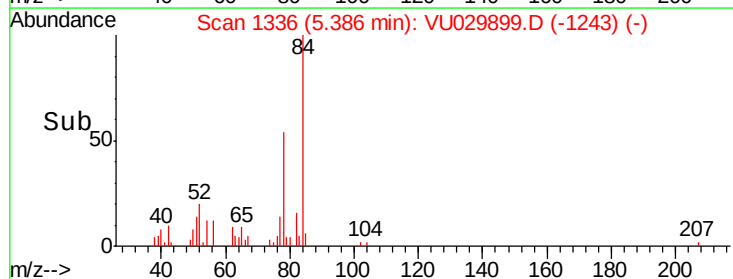
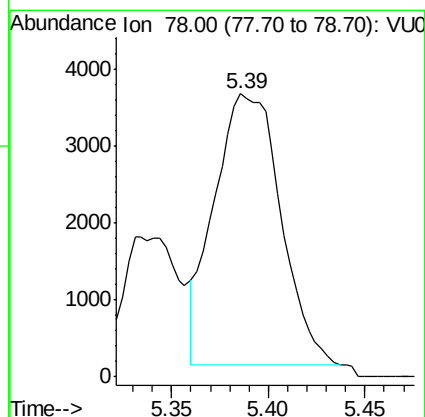
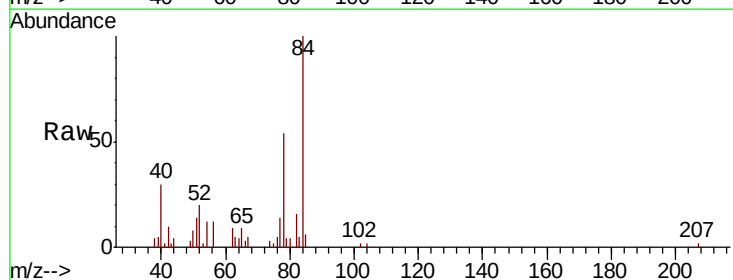
Instrument :
 MSVOA_U
 ClientSampled :
 C0960

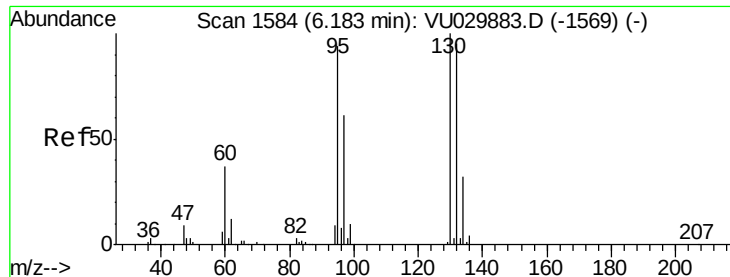
Tgt Ion: 117 Resp: 5400
 Ion Ratio Lower Upper
 117 100
 119 100.6 77.8 116.8



#33
 Benzene
 Concen: 0.706 ug/L
 RT: 5.39 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Tgt Ion: 78 Resp: 8432





#34

Trichloroethene

Concen: 3615.548 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

C0960

Tgt Ion: 95 Resp:11639577

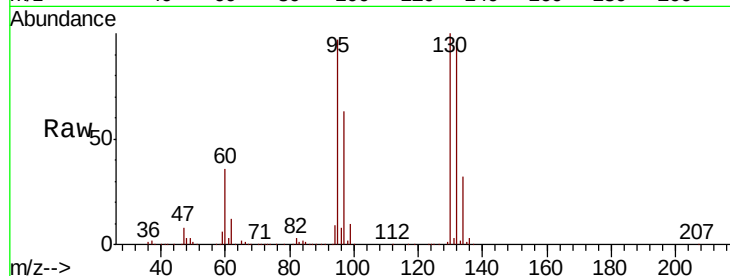
Ion Ratio Lower Upper

95 100

97 64.8 44.6 82.8

132 98.9 74.6 138.6

130 102.7 77.2 143.4

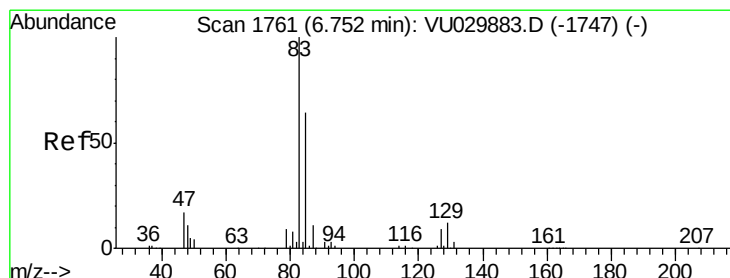
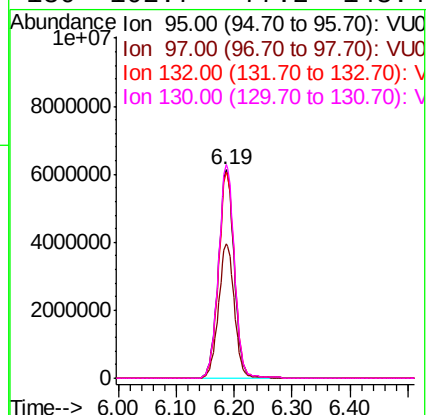
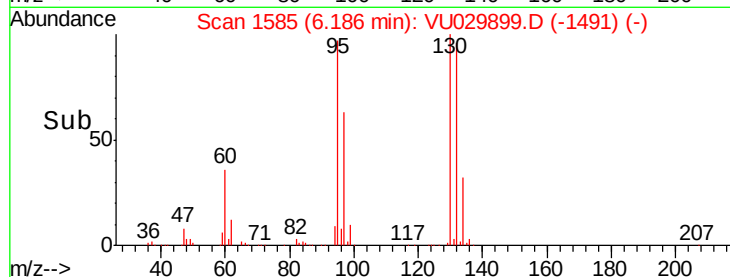


Abundance Ion 95.00 (94.70 to 95.70): VU029883.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU029883.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU029883.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU029883.D (-1569) (-)



#38

Bromodichloromethane

Concen: 4.046 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

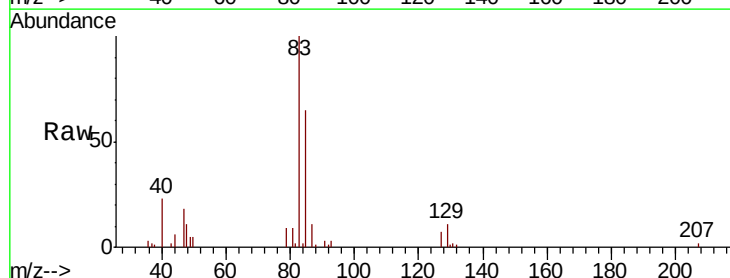
Tgt Ion: 83 Resp: 17110

Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

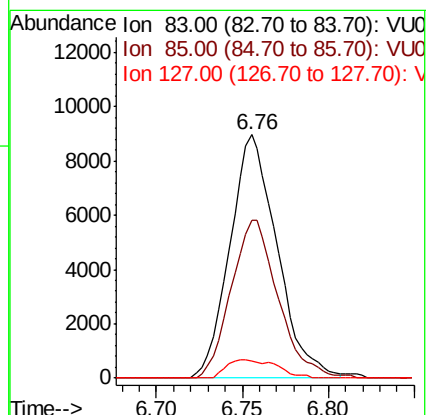
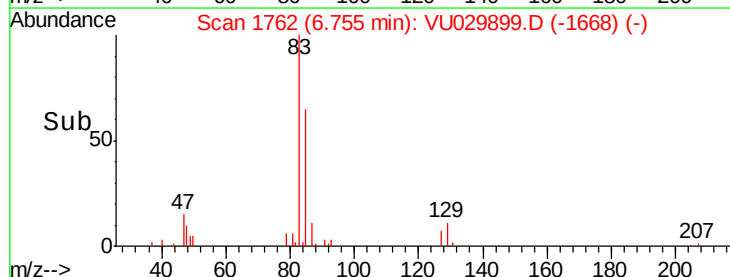
127 7.3 8.3 12.5#

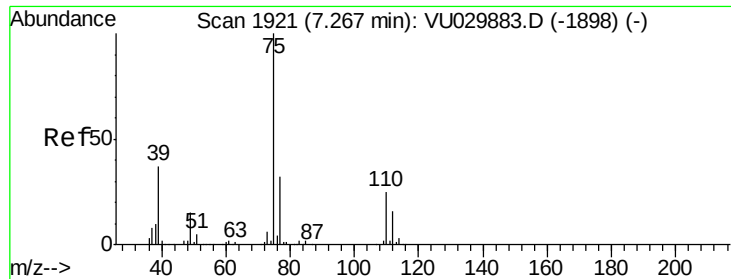


Abundance Ion 83.00 (82.70 to 83.70): VU029883.D (-1747) (-)

Ion 85.00 (84.70 to 85.70): VU029883.D (-1747) (-)

Ion 127.00 (126.70 to 127.70): VU029883.D (-1747) (-)



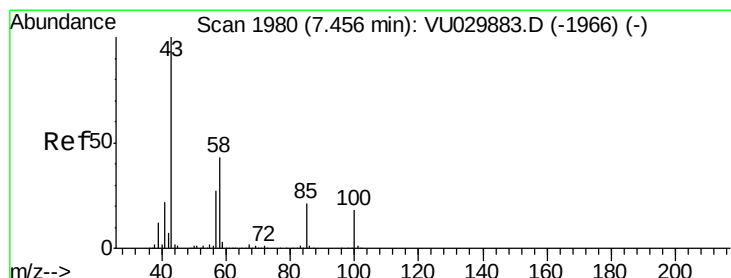
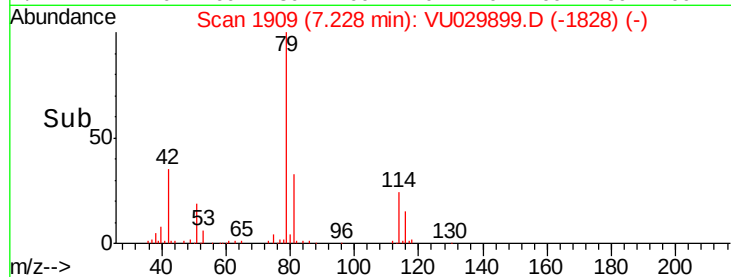
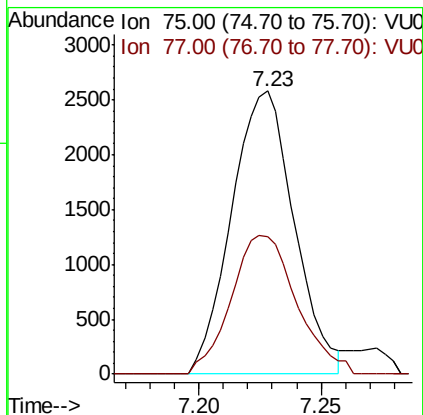
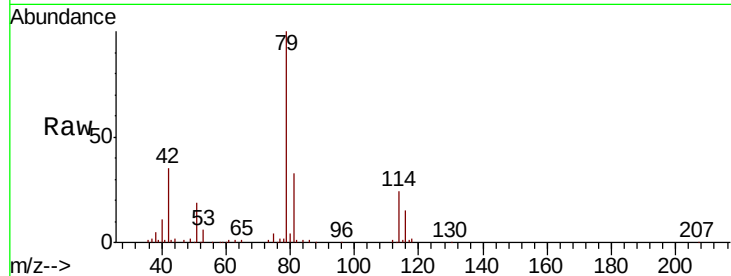


#39

cis-1,3-Dichloropropene
 Concen: 0.907 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0960

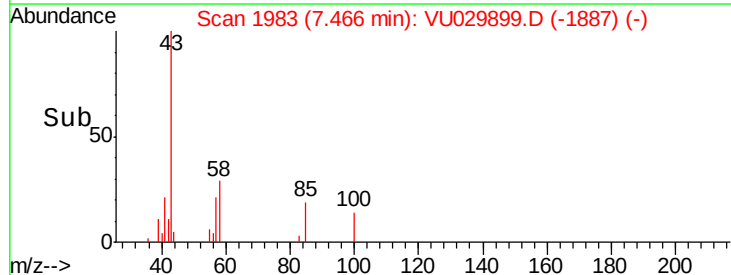
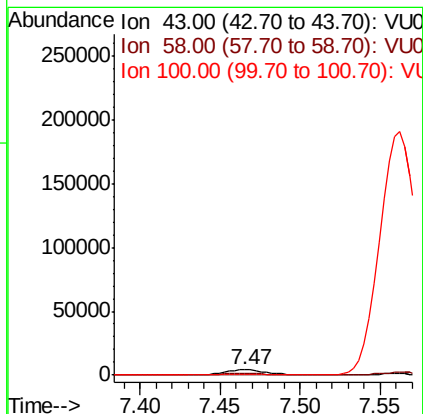
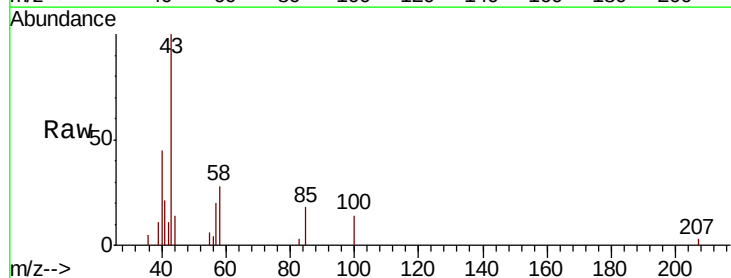
Tgt Ion: 75 Resp: 4593
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.3 41.5#

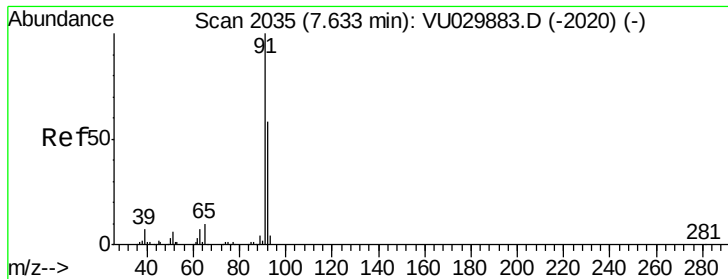


#40

4-Methyl-2-pentanone
 Concen: 1.819 ug/L
 RT: 7.47 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Tgt Ion: 43 Resp: 8026
 Ion Ratio Lower Upper
 43 100
 58 23.2 33.0 49.4#
 100 14.1 14.5 21.7#





#42

Toluene

Concen: 2.218 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

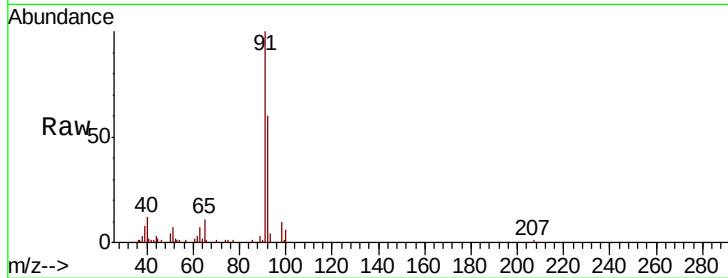
C0960

Tgt Ion: 91 Resp: 31344

Ion Ratio Lower Upper

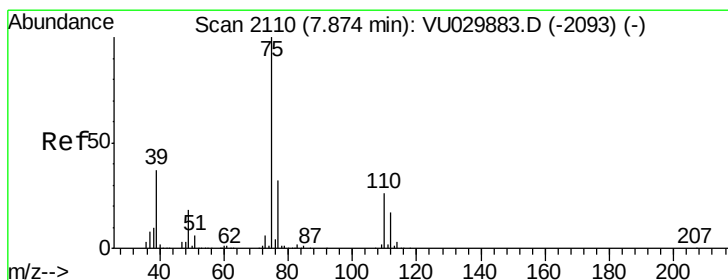
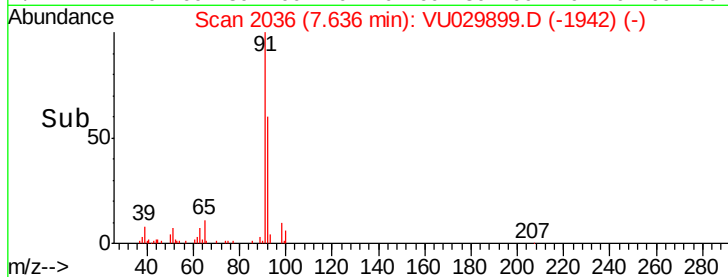
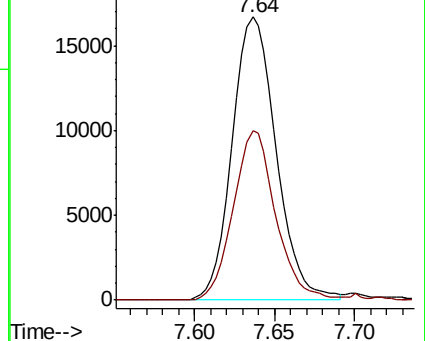
91 100

92 60.0 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029899.D

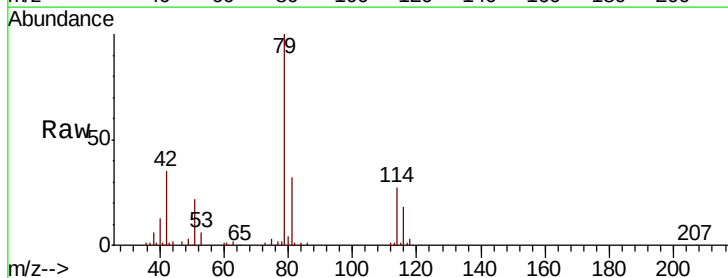
Acq: 08 Mar 2019 19:42

Tgt Ion: 75 Resp: 2988

Ion Ratio Lower Upper

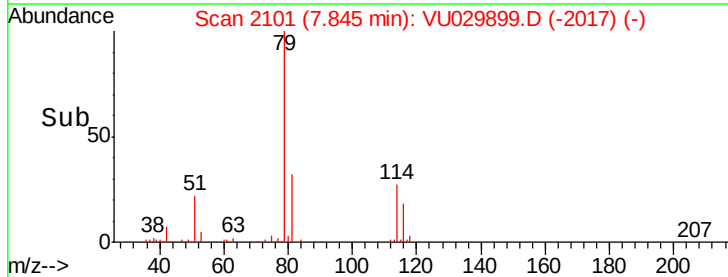
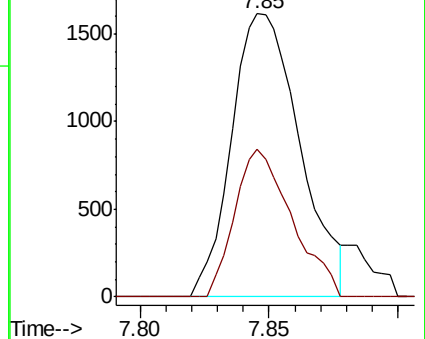
75 100

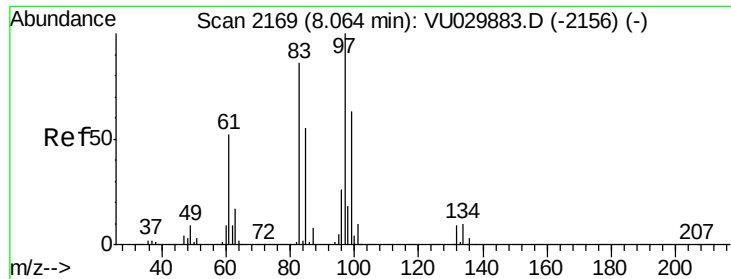
77 52.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

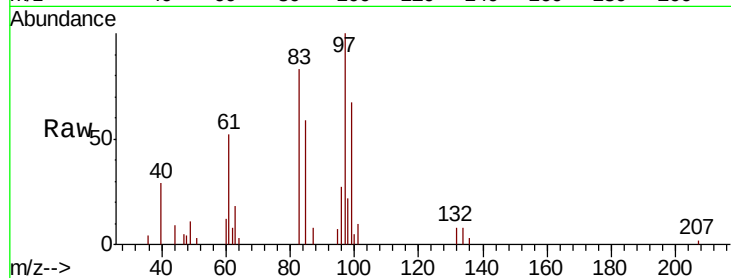




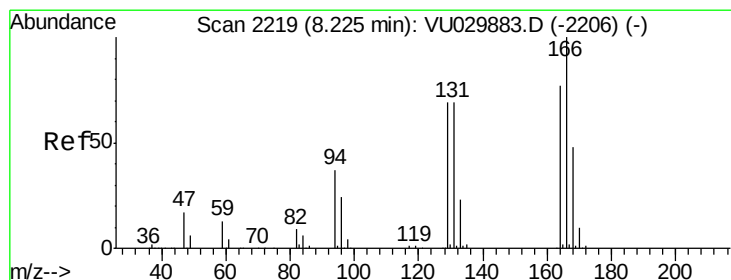
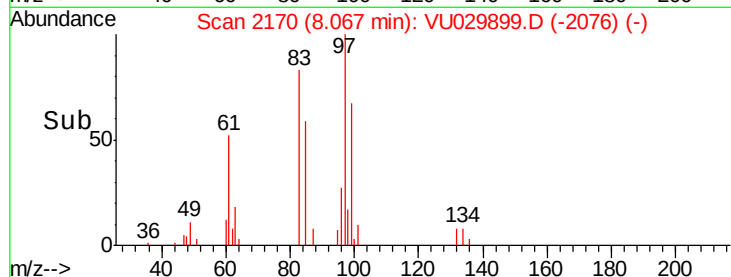
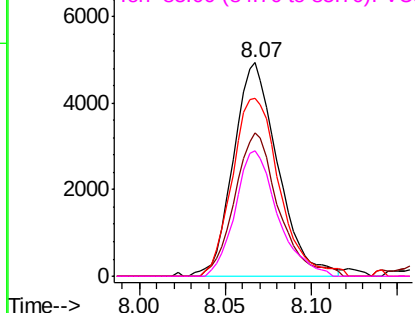
#45
 1,1,2-Trichloroethane
 Concen: 2.646 ug/L
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0960

Tgt Ion:	97	Resp:	8847
Ion	Ratio	Lower	Upper
97	100		
99	67.1	43.8	81.3
83	83.4	57.7	107.1
85	58.5	38.5	71.5

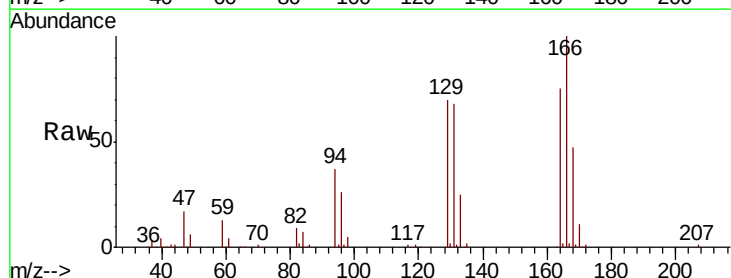


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

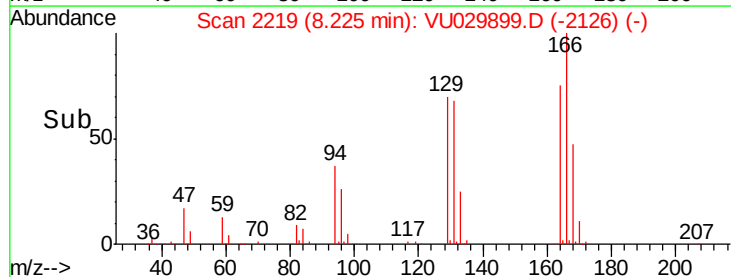
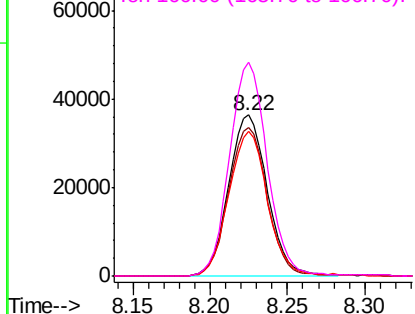


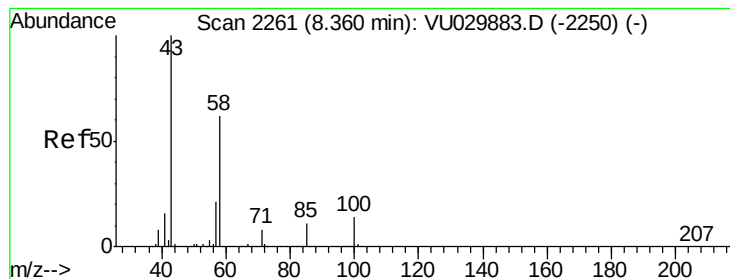
#46
 Tetrachloroethene
 Concen: 20.072 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU029899.D
 Acq: 08 Mar 2019 19:42

Tgt Ion:	164	Resp:	63246
Ion	Ratio	Lower	Upper
164	100		
129	92.5	62.1	115.3
131	89.9	60.1	111.5
166	132.7	89.7	166.5



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 1.243 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

C0960

Tgt Ion: 43 Resp: 4789

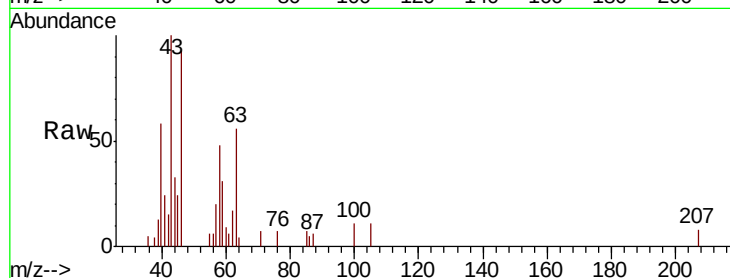
Ion Ratio Lower Upper

43 100

58 59.2 46.4 69.6

57 4.8 15.7 23.5#

100 12.3 10.9 16.3

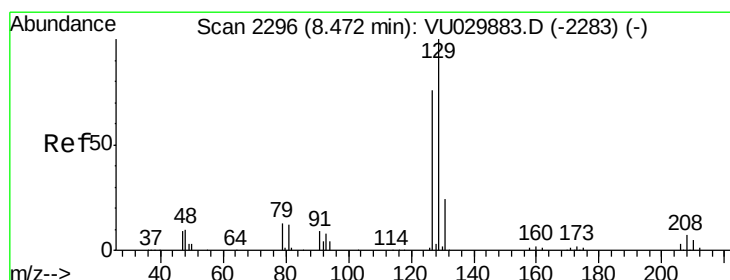
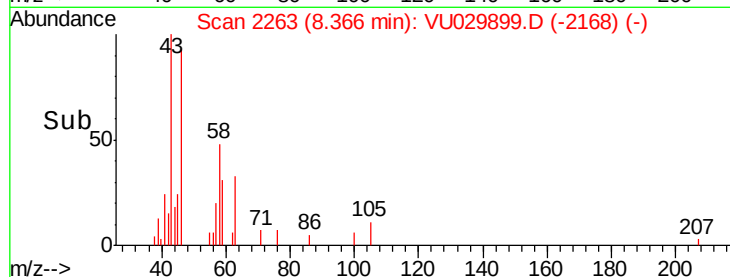
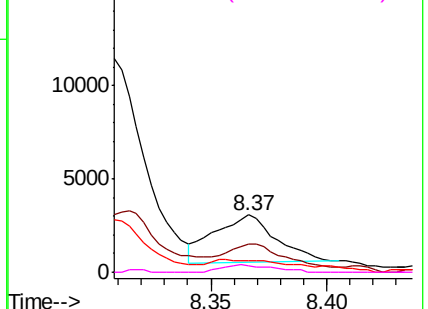


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#49

Dibromochloromethane

Concen: 1.608 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU029899.D

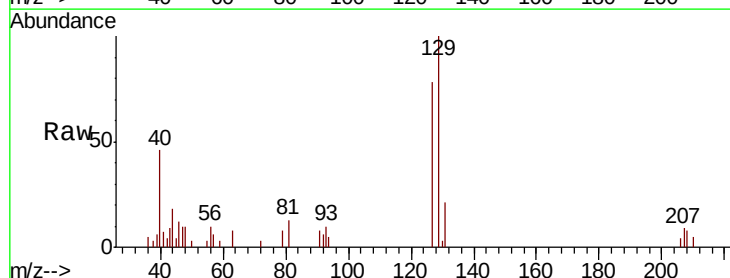
Acq: 08 Mar 2019 19:42

Tgt Ion: 129 Resp: 6517

Ion Ratio Lower Upper

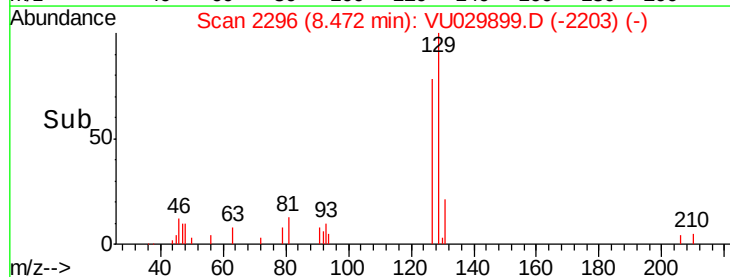
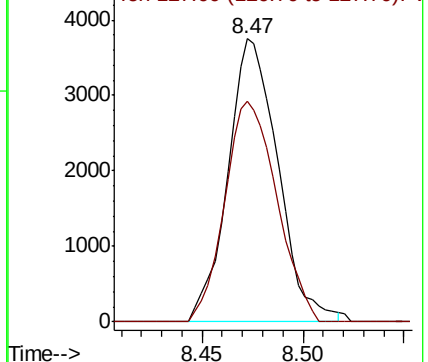
129 100

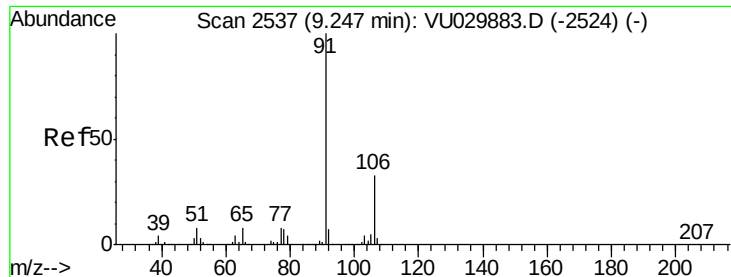
127 77.9 54.4 101.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#52

Ethylbenzene

Concen: 0.794 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

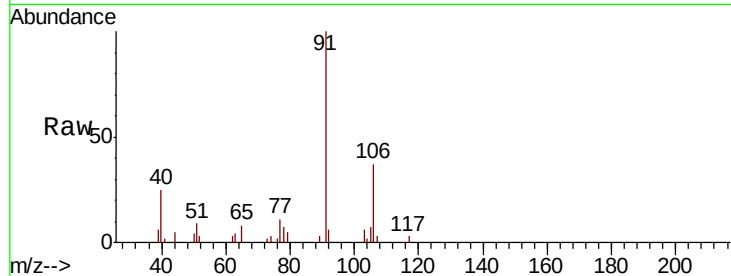
C0960

Tgt Ion: 91 Resp: 12750

Ion Ratio Lower Upper

91 100

106 37.0 22.7 42.1



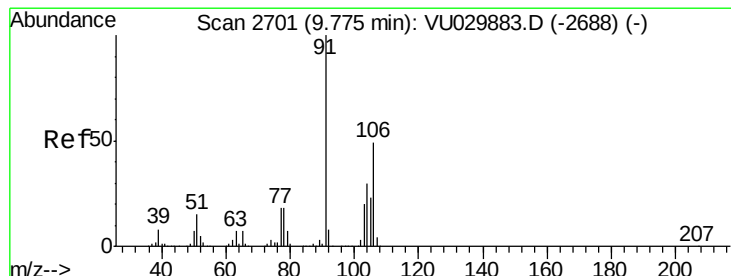
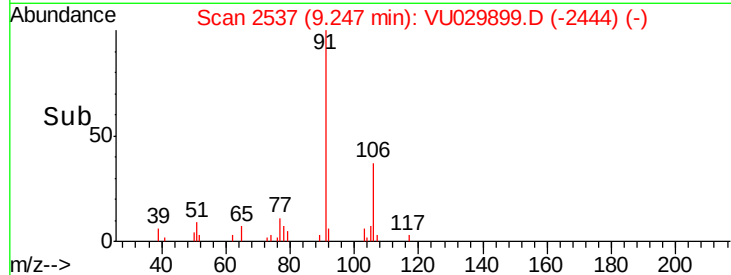
Abundance Ion 91.00 (90.70 to 91.70): VU029883.D (-2524) (-)

Ion 106.00 (105.70 to 106.70): VU029883.D (-2524) (-)

9.25

Time-->

Chromatogram showing abundance (0 to 8000) versus time (9.20 to 9.30 min). A single sharp peak is visible at 9.25 min.



#54

o-xylene

Concen: 19.896 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029899.D

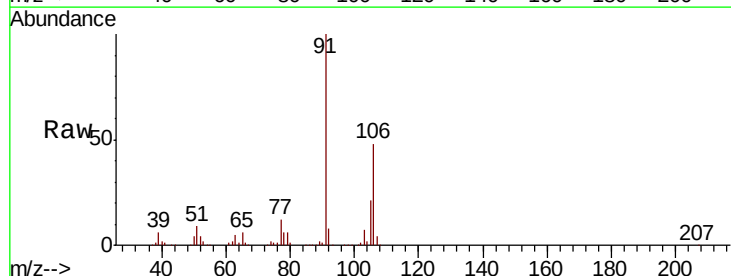
Acq: 08 Mar 2019 19:42

Tgt Ion: 106 Resp: 128764

Ion Ratio Lower Upper

106 100

91 210.3 144.5 268.3



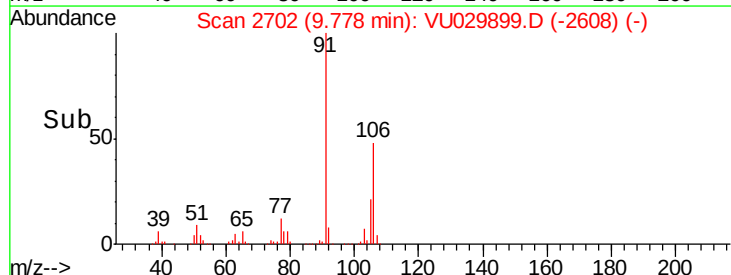
Abundance Ion 106.00 (105.70 to 106.70): VU029883.D (-2688) (-)

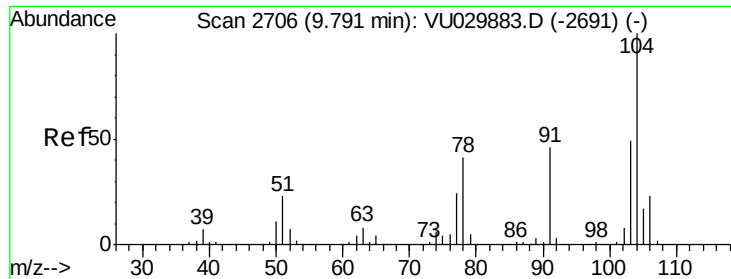
Ion 91.00 (90.70 to 91.70): VU029883.D (-2688) (-)

9.78

Time-->

Chromatogram showing abundance (0 to 200000) versus time (9.70 to 9.85 min). A single sharp peak is visible at 9.78 min.





#55

Styrene

Concen: 0.596 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.02 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

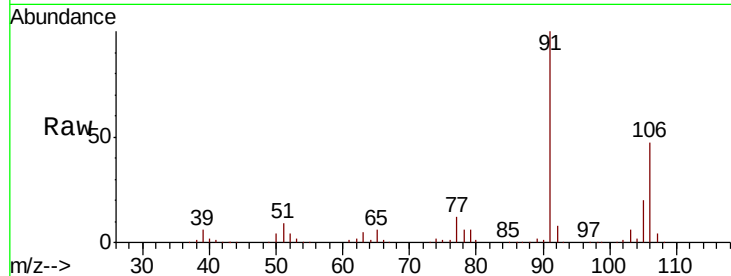
C0960

Tgt Ion:104 Resp: 6516

Ion Ratio Lower Upper

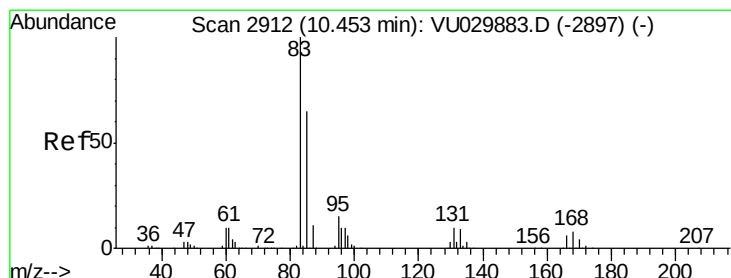
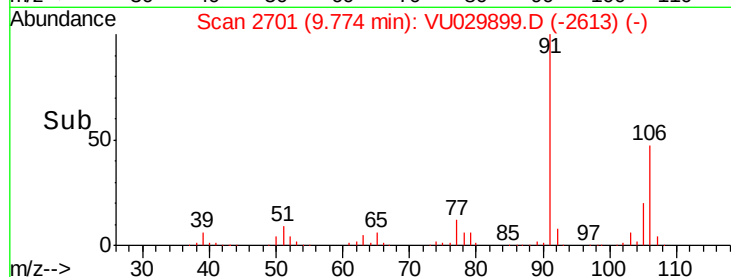
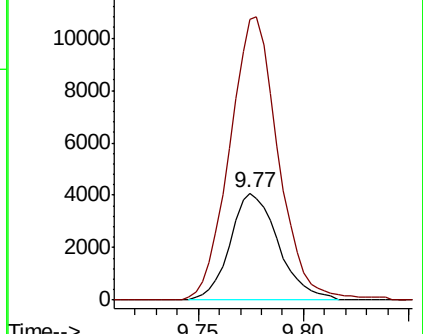
104 100

78 262.0 31.3 58.1#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



#58

1,1,2,2-Tetrachloroethane

Concen: 0.972 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

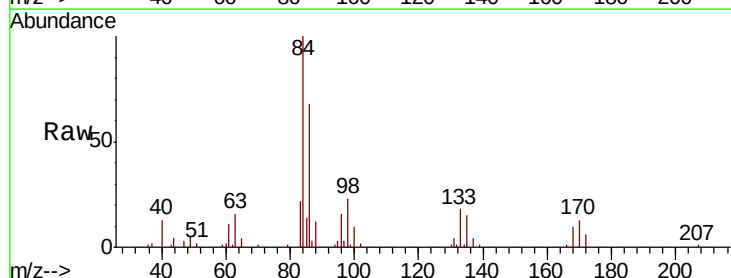
Tgt Ion: 83 Resp: 5749

Ion Ratio Lower Upper

83 100

85 64.4 45.5 84.5

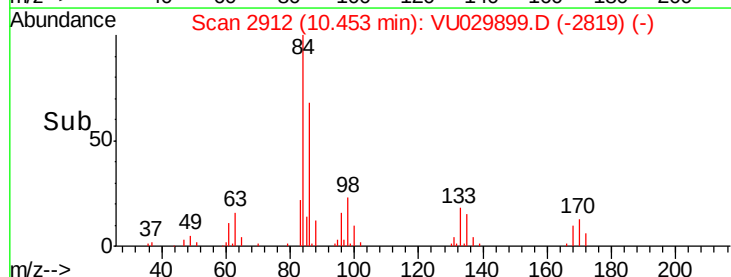
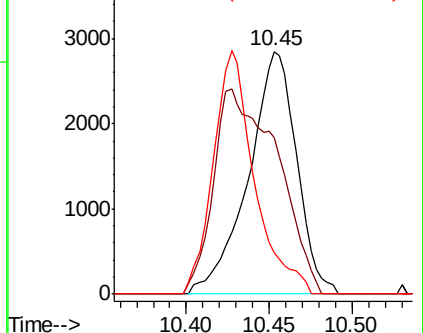
131 17.1 8.6 12.8#

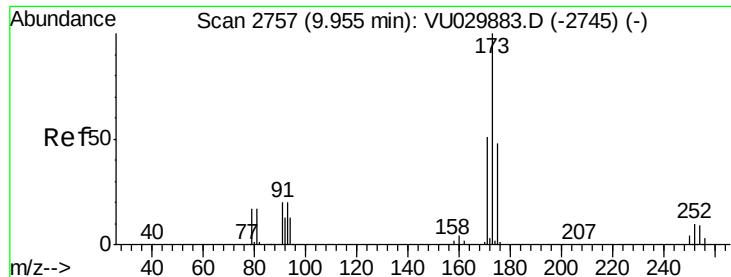


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 131.00 (130.70 to 131.70): V





#61

Bromoform

Concen: 0.638 ug/L

RT: 9.96 min Scan# 2759

Delta R.T. 0.01 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

C0960

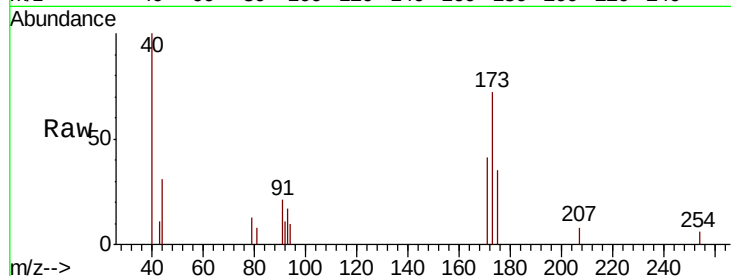
Tgt Ion:173 Resp: 2002

Ion Ratio Lower Upper

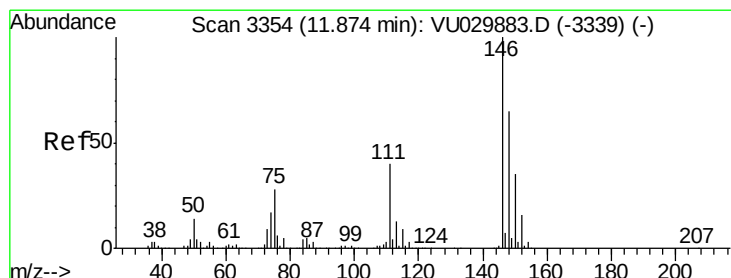
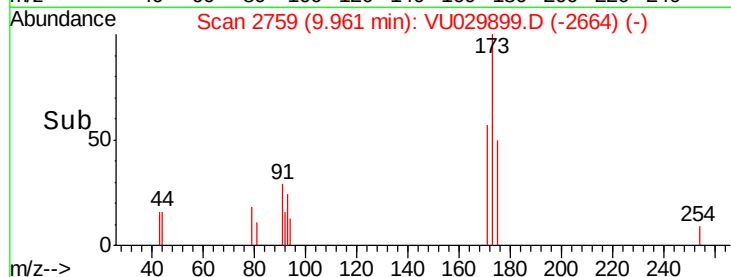
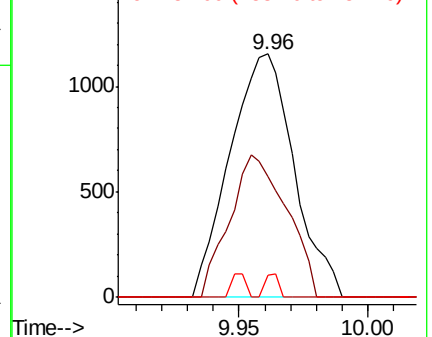
173 100

175 52.0 39.0 58.4

254 2.0 8.1 12.1#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#65

1,2-Dichlorobenzene

Concen: 1.694 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029899.D

Acq: 08 Mar 2019 19:42

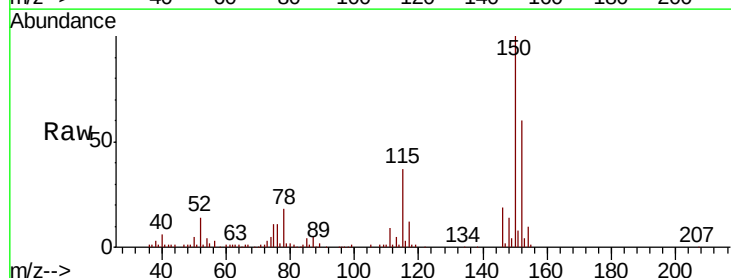
Tgt Ion:146 Resp: 13127

Ion Ratio Lower Upper

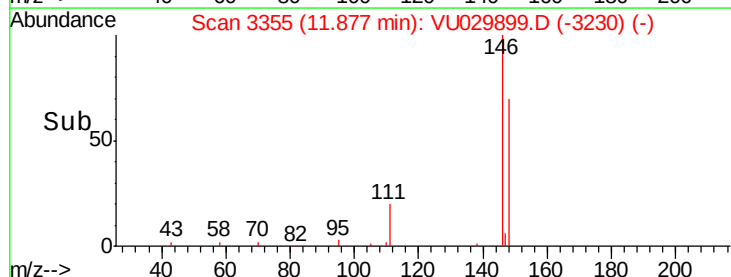
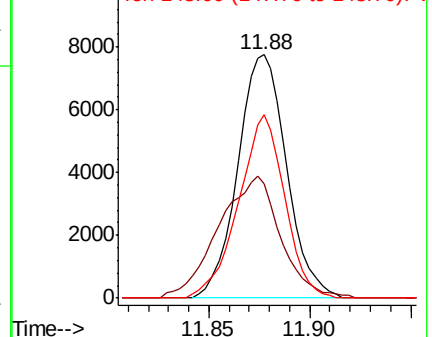
146 100

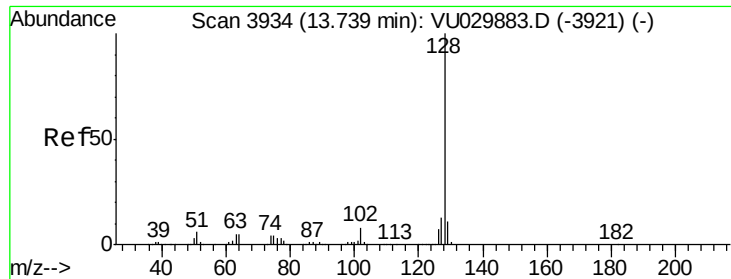
111 47.1 31.2 46.8#

148 75.5 51.6 77.4



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#69

Naphthalene

Concen: 0.572 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VU029899.D

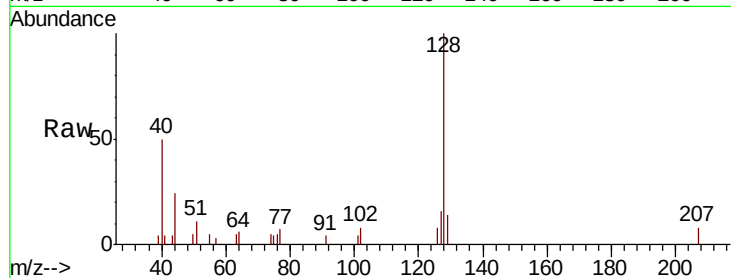
Acq: 08 Mar 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

C0960



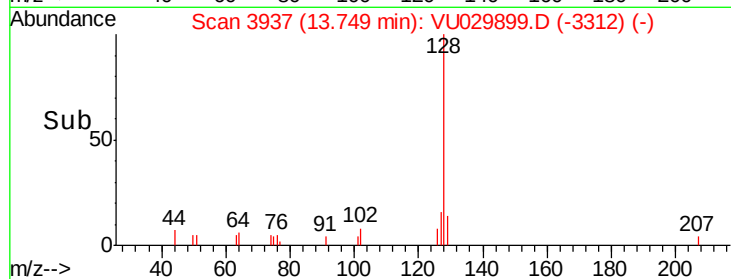
Tgt Ion:128 Resp: 8620

Ion Ratio Lower Upper

128 100

127 10.8 10.2 15.4

129 10.2 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

