

Data File : VU027894.D
Acq On : 01 Nov 2018 10:49
Operator : MD/SY
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Nov 02 08:05:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	78583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	75962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23927	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.68	69	19557	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.28	63	38417	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.19	46	88905	48.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.65	84	49836	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.31	65	30907	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.34	84	90687	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.33	67	32952	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.57	98	84080	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	12562	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.31	63	71837	46.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23587	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	31809	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	2483	0.321 ug/L	99
3) Chloromethane	1.33	50	2711	0.353 ug/L	100
5) Vinyl chloride	1.40	62	2662	0.349 ug/L	93
6) Bromomethane	1.63	94	932	0.371 ug/L	91
8) Chloroethane	1.70	64	1858	0.415 ug/L #	81
9) Trichlorofluoromethane	1.89	101	3687	0.364 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2078	0.402 ug/L	91
12) 1,1-Dichloroethene	2.29	96	1776	0.364 ug/L #	1
13) Acetone	2.32	43	4599	3.983 ug/L	88
14) Carbon disulfide	2.48	76	5471	0.314 ug/L #	81
15) Methyl Acetate	2.62	43	2059	0.666 ug/L #	63
16) Methylene chloride	2.70	84	2158	0.394 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	5318	0.365 ug/L #	86
18) trans-1,2-Dichloroethene	2.98	96	1751	0.337 ug/L	93
19) 1,1-Dichloroethane	3.45	63	4039	0.369 ug/L	99
21) 2-Butanone	4.28	43	6412	3.194 ug/L	78
22) cis-1,2-Dichloroethene	4.23	96	1936	0.323 ug/L	88

Data File : VU027894.D
Acq On : 01 Nov 2018 10:49
Operator : MD/SY
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Nov 02 08:05:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

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

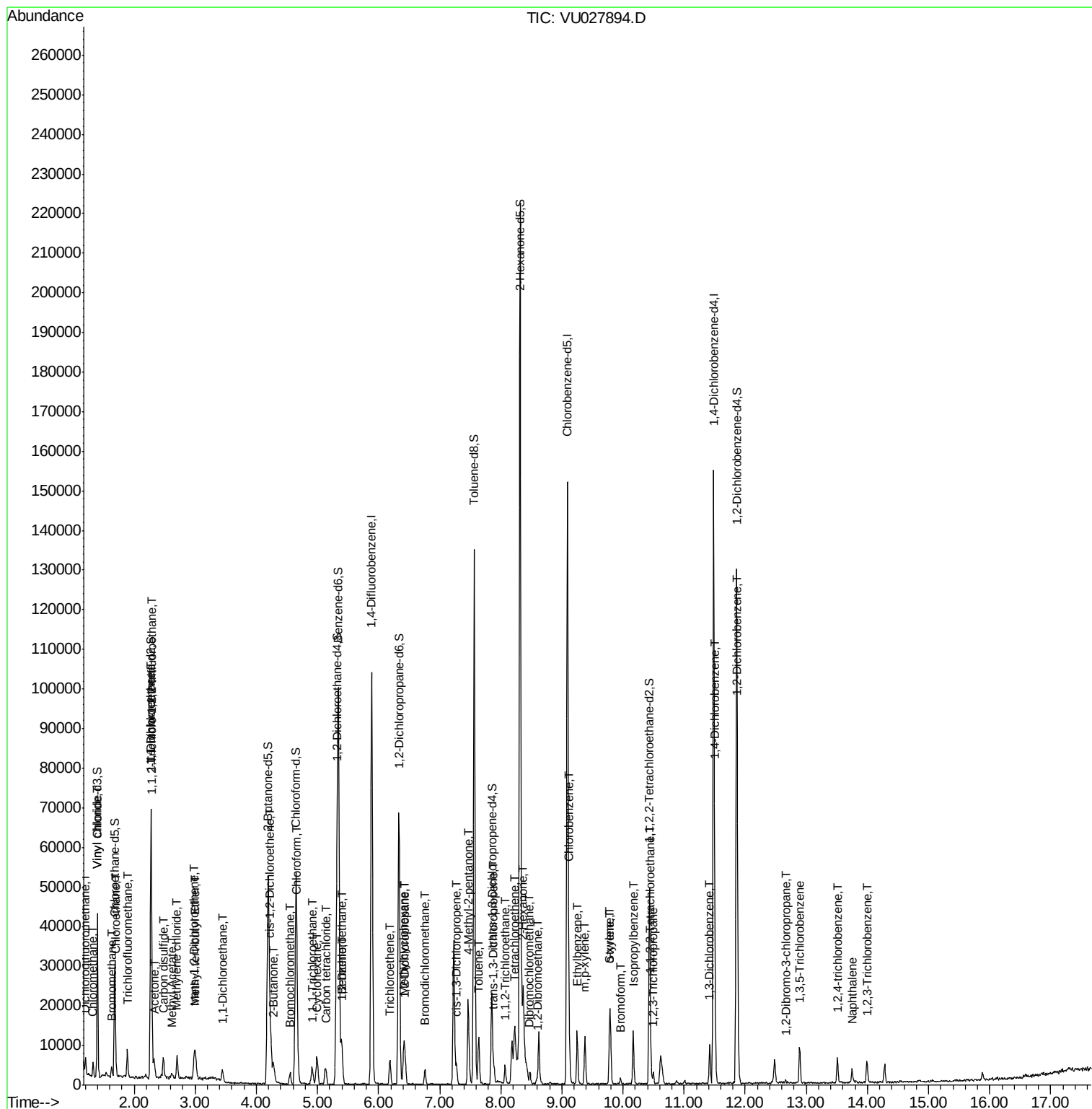
23) Bromochloromethane	4.55	128	837	0.337	ug/L #	46
25) Chloroform	4.67	83	4731	0.426	ug/L	95
27) 1,2-Dichloroethane	5.41	62	3243	0.419	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	3527	0.360	ug/L	94
30) Cyclohexane	4.99	56	3785	0.329	ug/L	98
31) Carbon tetrachloride	5.14	117	3034	0.361	ug/L #	50
33) Benzene	5.39	78	7998	0.332	ug/L	100
34) Trichloroethene	6.19	95	2241	0.358	ug/L	82
35) Methylcyclohexane	6.41	83	3613	0.339	ug/L	91
37) 1,2-Dichloropropane	6.43	63	2284	0.333	ug/L #	93
38) Bromodichloromethane	6.76	83	2848	0.355	ug/L #	93
39) cis-1,3-Dichloropropene	7.27	75	3308	0.337	ug/L	94
40) 4-Methyl-2-pentanone	7.47	43	16564	3.421	ug/L	96
42) Toluene	7.64	91	8783	0.349	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	3126	0.371	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	1373	0.326	ug/L	92
47) Tetrachloroethene	8.23	164	1831	0.381	ug/L	85
48) 2-Hexanone	8.37	43	13502	3.868	ug/L	94
49) Dibromochloromethane	8.48	129	1450	0.285	ug/L	96
50) 1,2-Dibromoethane	8.59	107	1360	0.337	ug/L #	71
51) Chlorobenzene	9.12	112	5808	0.372	ug/L	96
52) Ethylbenzene	9.25	91	9467	0.330	ug/L	92
53) m,p-xylene	9.38	106	3192	0.307	ug/L	84
54) o-xylene	9.78	106	3197	0.313	ug/L	87
55) Styrene	9.80	104	5223	0.305	ug/L	96
56) Isopropylbenzene	10.17	105	8617	0.309	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.46	83	1824	0.332	ug/L #	89
59) 1,2,3-Trichloropropane	10.49	75	1486	0.358	ug/L	96
61) Bromoform	9.95	173	884	0.327	ug/L #	94
62) 1,3-Dichlorobenzene	11.42	146	4199	0.356	ug/L	88
63) 1,4-Dichlorobenzene	11.51	146	4076	0.345	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	3895	0.350	ug/L #	83
66) 1,2-Dibromo-3-chloropropan	12.66	75	329	0.377	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.90	180	3388	0.357	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	2620	0.324	ug/L	90
69) Naphthalene	13.75	128	3399	0.271	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.99	180	2237	0.304	ug/L	96

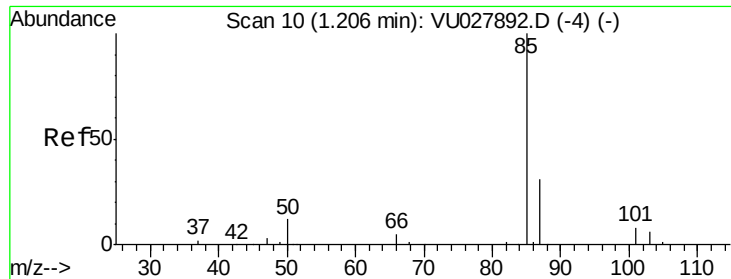
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027894.D
Acq On : 01 Nov 2018 10:49
Operator : MD/SY
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Nov 02 08:05:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.321 ug/L

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

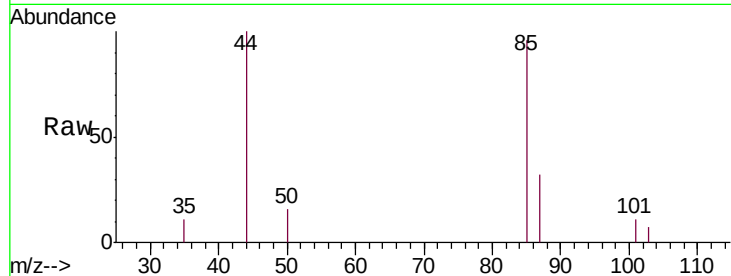
MDL01

Tgt Ion: 85 Resp: 2483

Ion Ratio Lower Upper

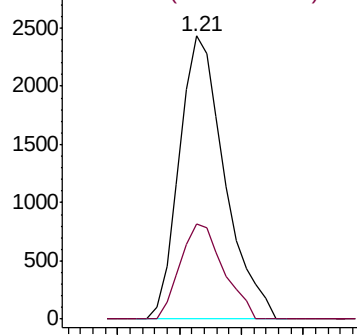
85 100

87 32.0 25.2 37.8

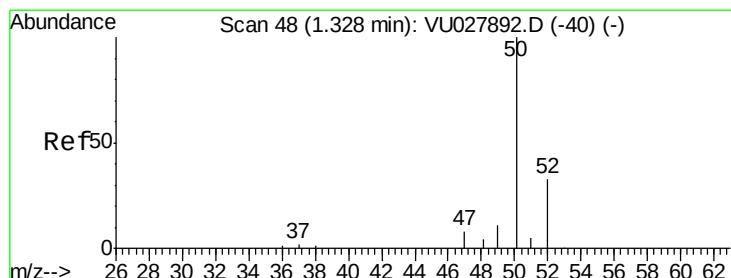
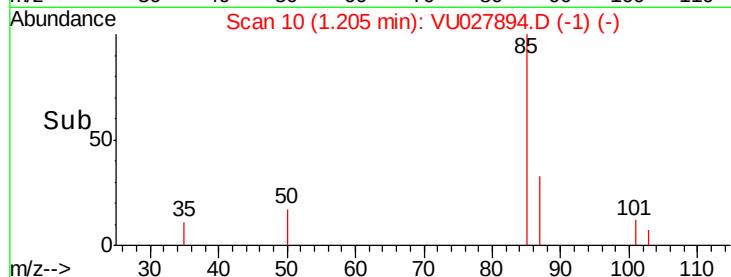


Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



Time-->



#3

Chloromethane

Concen: 0.353 ug/L

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027894.D

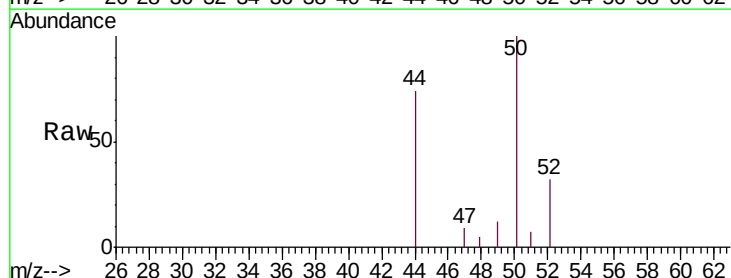
Acq: 01 Nov 2018 10:49

Tgt Ion: 50 Resp: 2711

Ion Ratio Lower Upper

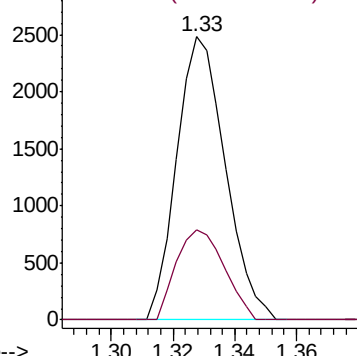
50 100

52 31.9 22.3 41.5

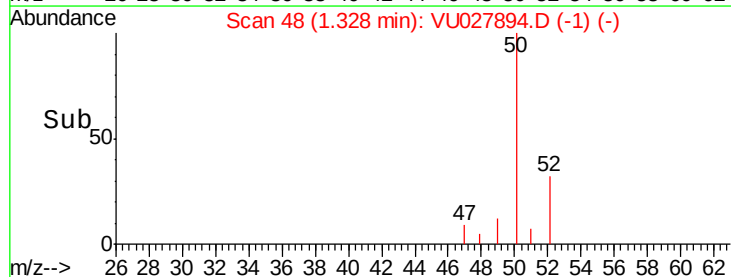


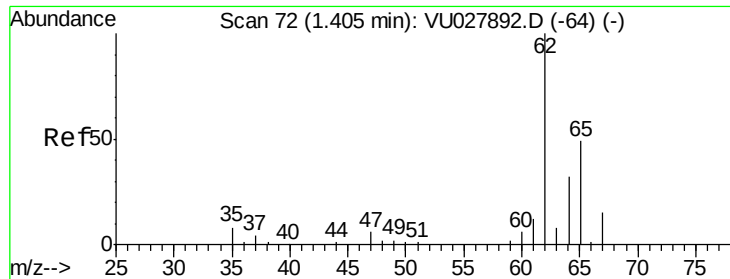
Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->





#5

Vinyl chloride

Concen: 0.349 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampled :

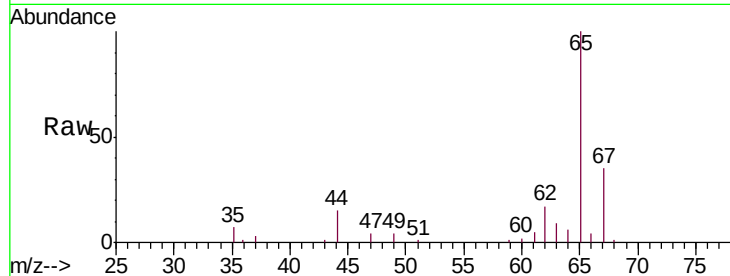
MDL01

Tgt Ion: 62 Resp: 2662

Ion Ratio Lower Upper

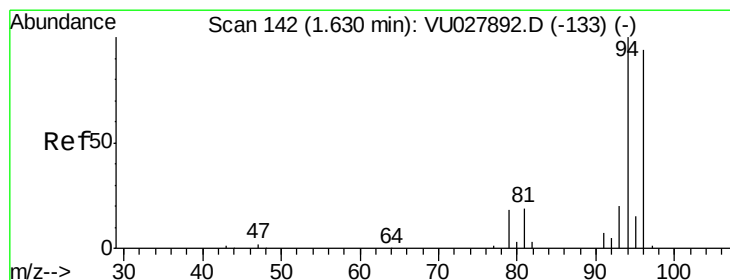
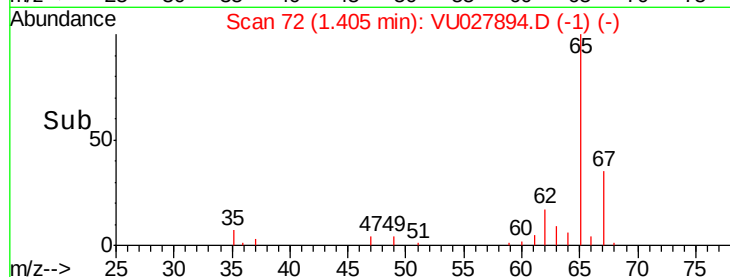
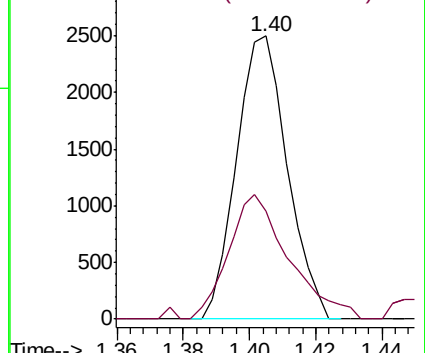
62 100

64 38.3 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 0.371 ug/L

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU027894.D

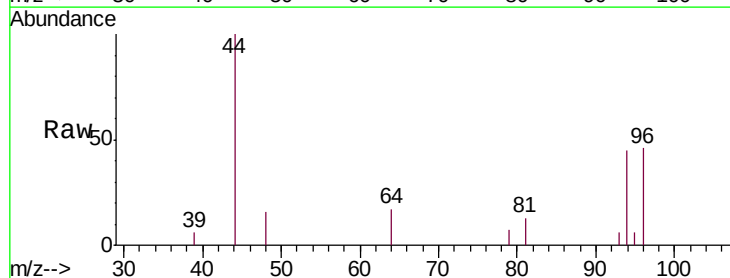
Acq: 01 Nov 2018 10:49

Tgt Ion: 94 Resp: 932

Ion Ratio Lower Upper

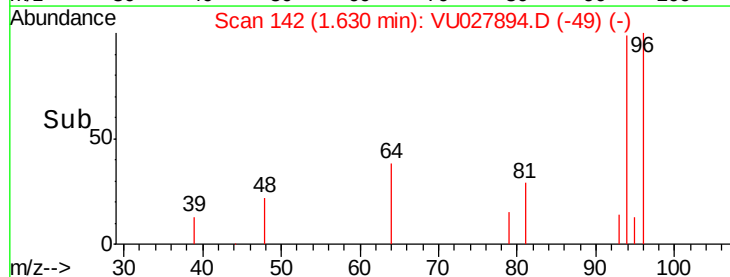
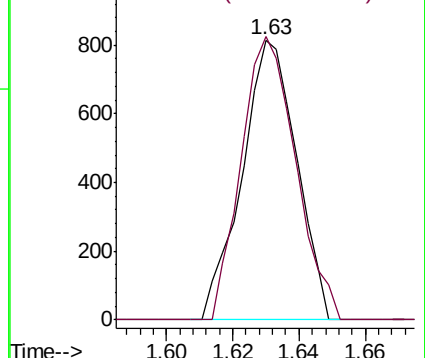
94 100

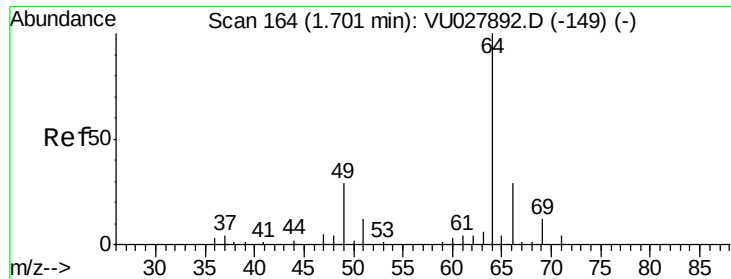
96 101.2 65.0 120.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 0.415 ug/L

RT: 1.70 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

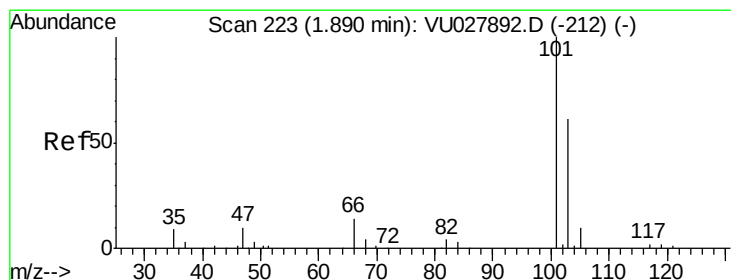
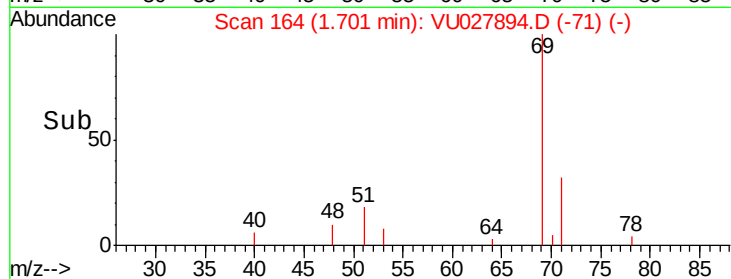
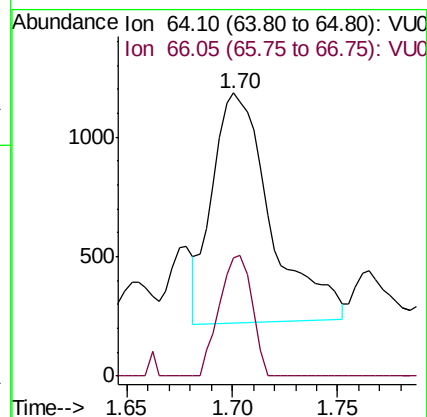
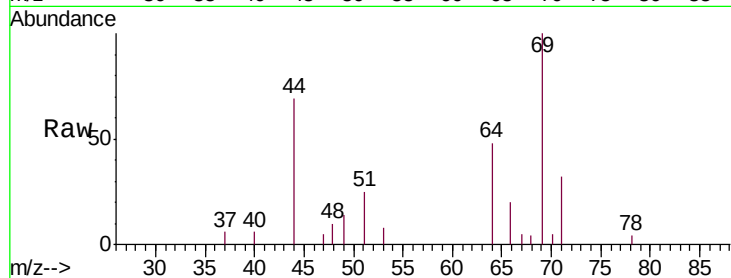
MDL01

Tgt Ion: 64 Resp: 1858

Ion Ratio Lower Upper

64 100

66 41.6 21.8 40.6#



#9

Trichlorofluoromethane

Concen: 0.364 ug/L

RT: 1.89 min Scan# 223

Delta R.T. -0.00 min

Lab File: VU027894.D

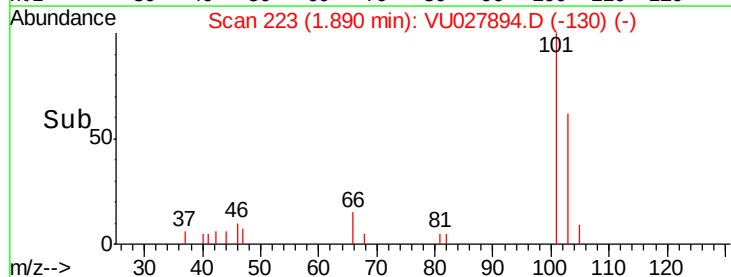
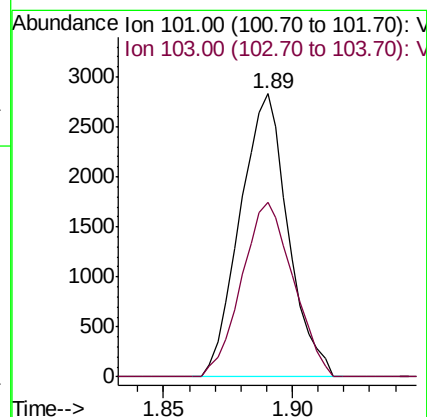
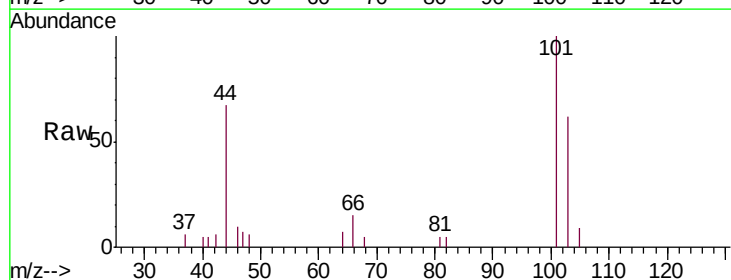
Acq: 01 Nov 2018 10:49

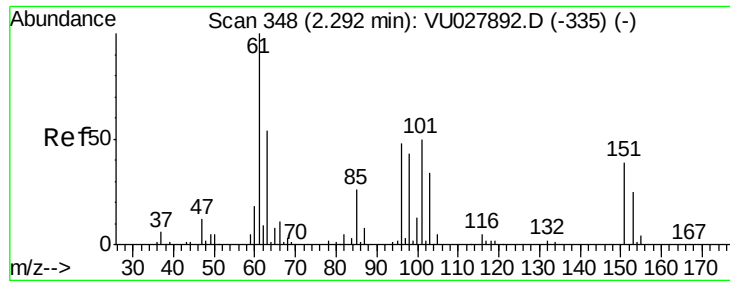
Tgt Ion: 101 Resp: 3687

Ion Ratio Lower Upper

101 100

103 66.1 51.4 77.0





#10

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

Concen: 0.402 ug/L

RT: 2.29 min Scan# 348

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

MDL01

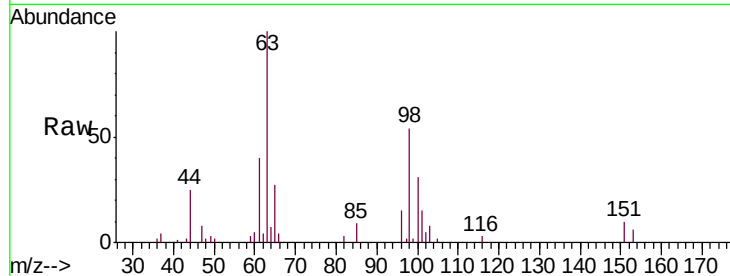
Tgt Ion: 101 Resp: 2078

Ion Ratio Lower Upper

101 100

85 46.1 37.1 55.7

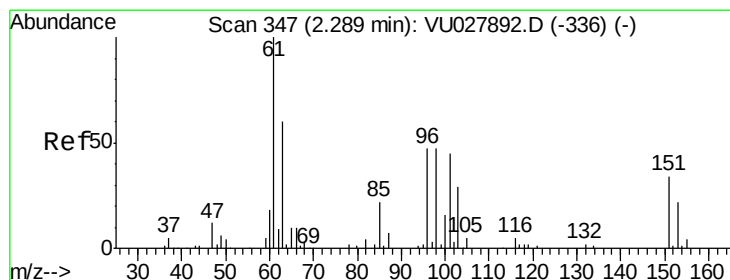
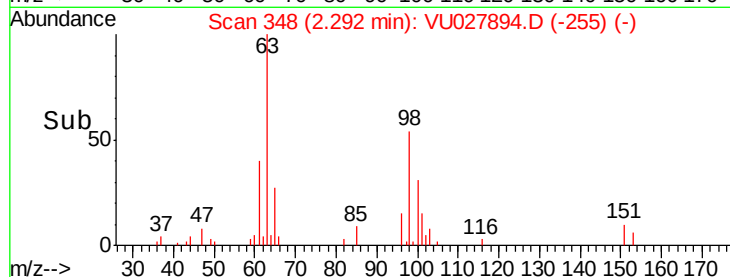
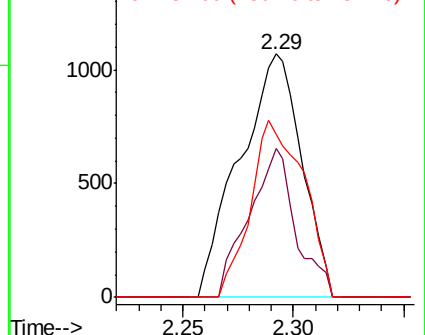
151 62.7 59.9 89.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.364 ug/L

RT: 2.29 min Scan# 347

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

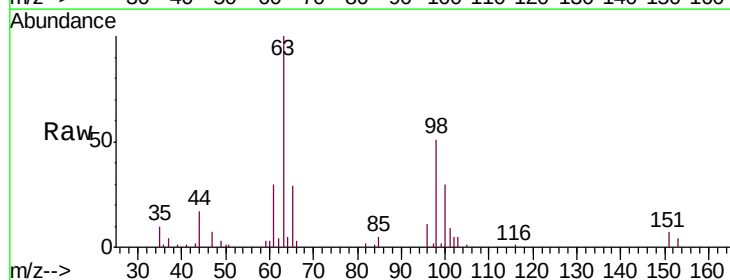
Tgt Ion: 96 Resp: 1776

Ion Ratio Lower Upper

96 100

61 267.4 141.1 262.1#

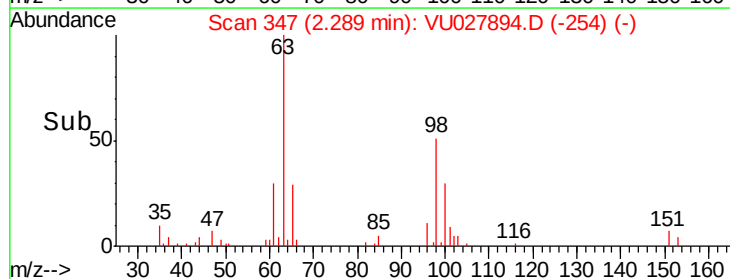
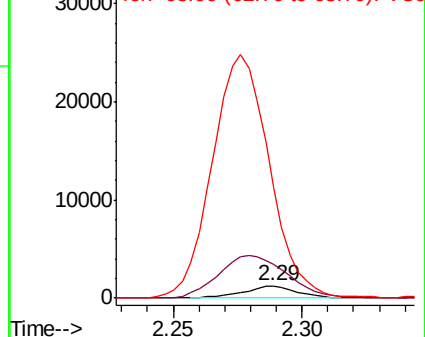
63 886.7 113.0 209.9#

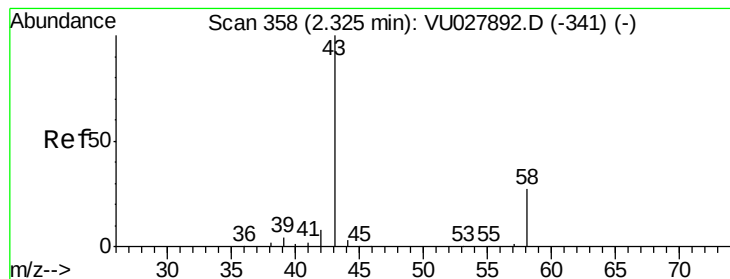


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.983 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

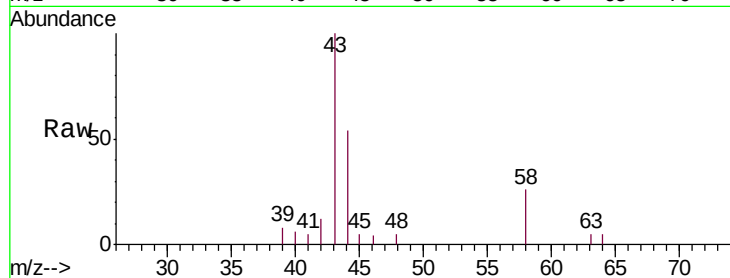
MDL01

Tgt Ion: 43 Resp: 4599

Ion Ratio Lower Upper

43 100

58 24.2 0.0 61.4



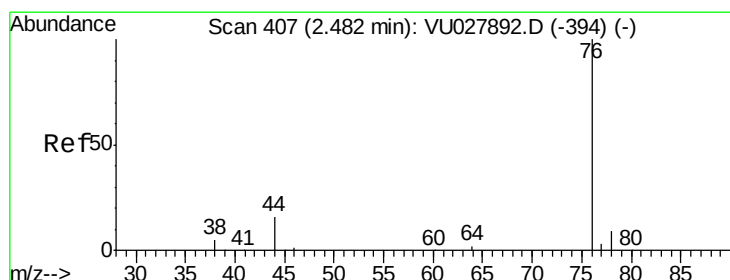
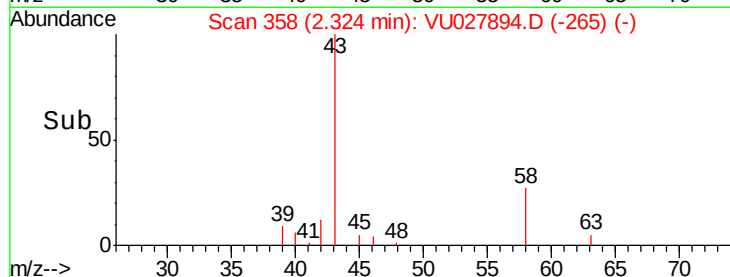
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

2.30 2.35

Time-->



#14

Carbon disulfide

Concen: 0.314 ug/L

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU027894.D

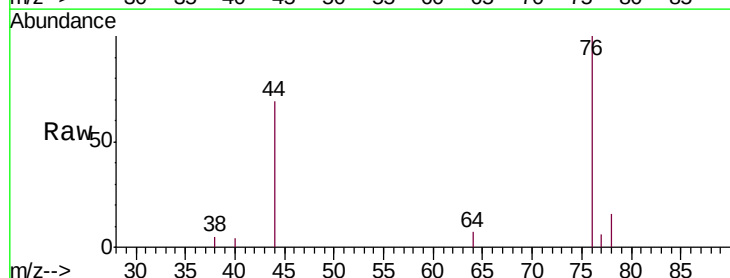
Acq: 01 Nov 2018 10:49

Tgt Ion: 76 Resp: 5471

Ion Ratio Lower Upper

76 100

78 16.3 7.5 11.3#



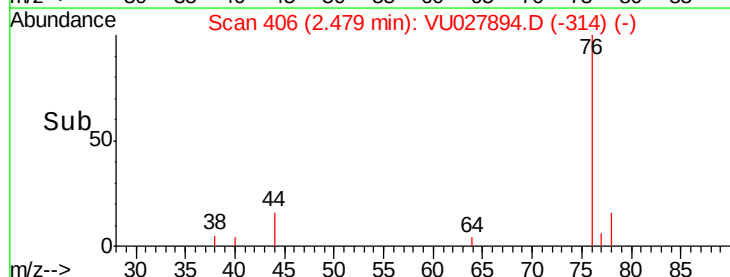
Abundance Ion 76.05 (75.75 to 76.75): VU0

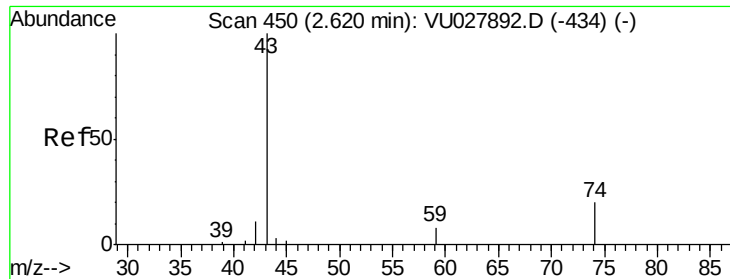
Ion 78.00 (77.70 to 78.70): VU0

2.48

2.45 2.50

Time-->

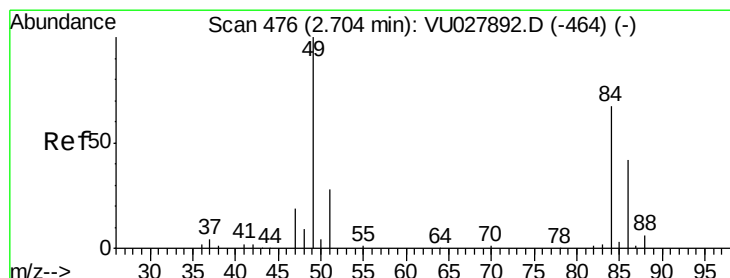
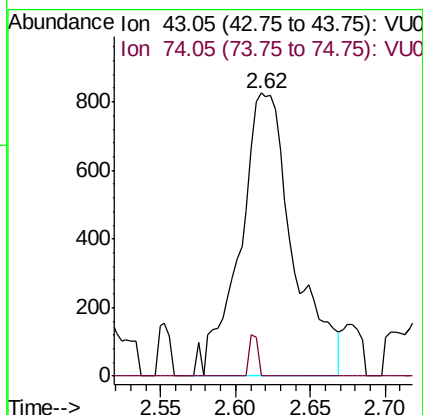
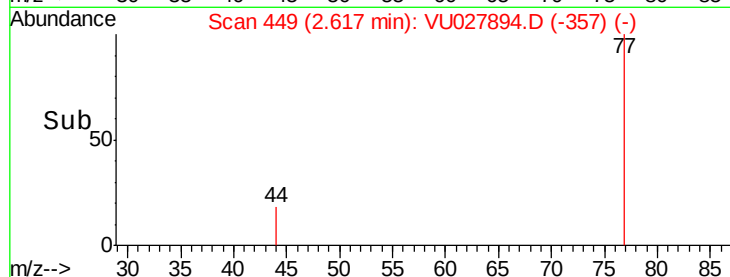
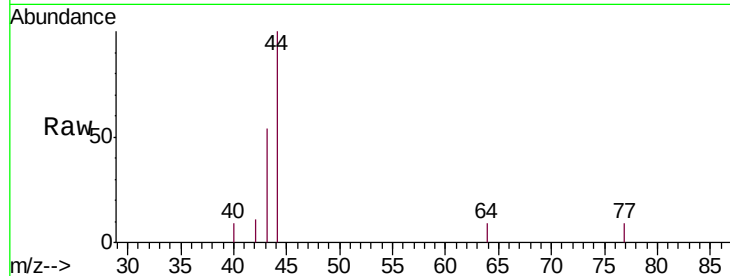




#15
Methyl Acetate
Concen: 0.666 ug/L
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

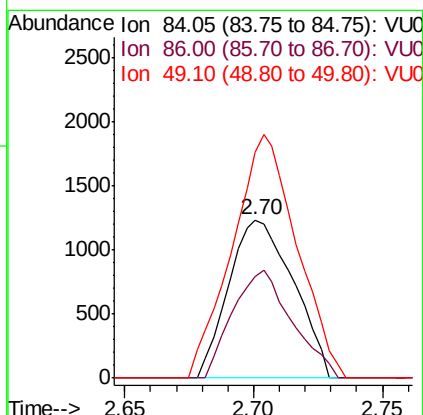
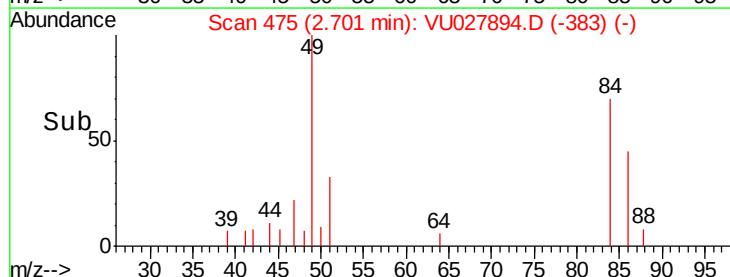
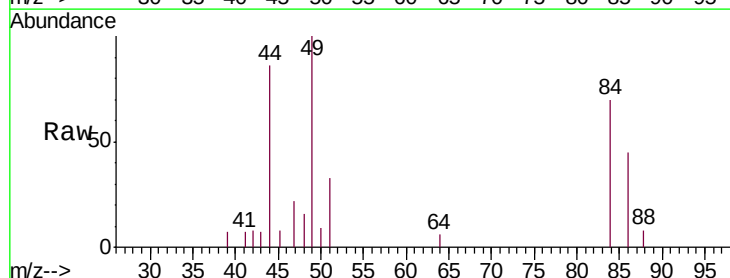
Instrument :
MSVOA_U
ClientSampleId :
MDL01

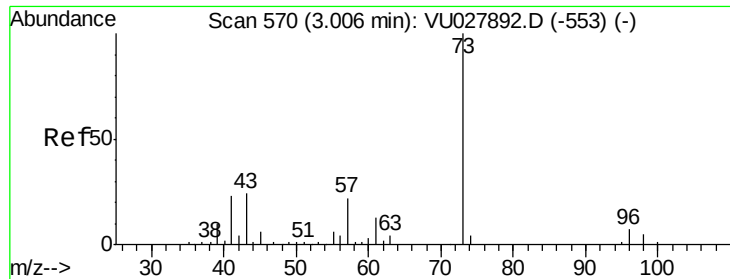
Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
74 2.2 14.9 22.3#



#16
Methylene chloride
Concen: 0.394 ug/L
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion: 84 Resp: 2158
Ion Ratio Lower Upper
84 100
86 63.9 46.7 86.7
49 143.2 101.3 188.1

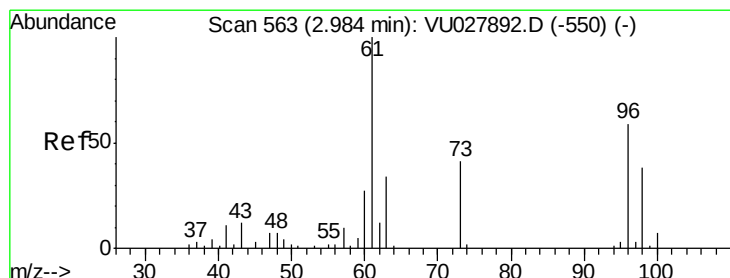
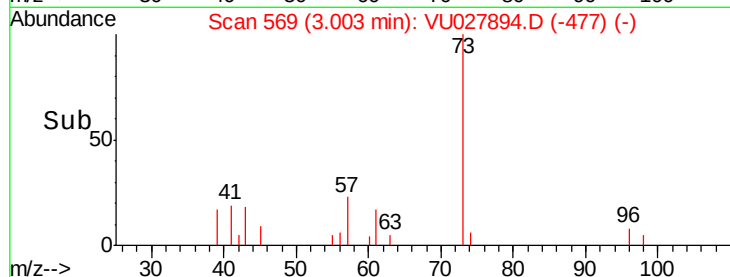
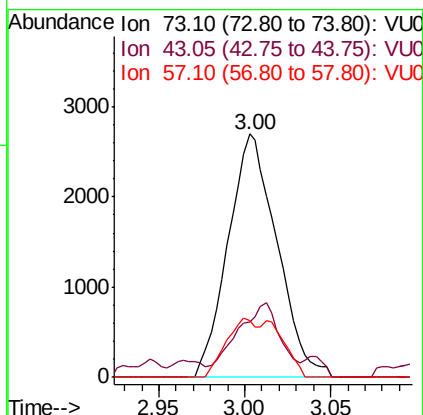
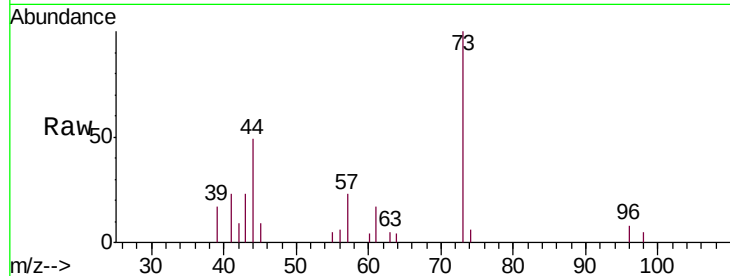




#17
Methyl tert-butyl Ether
Concen: 0.365 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

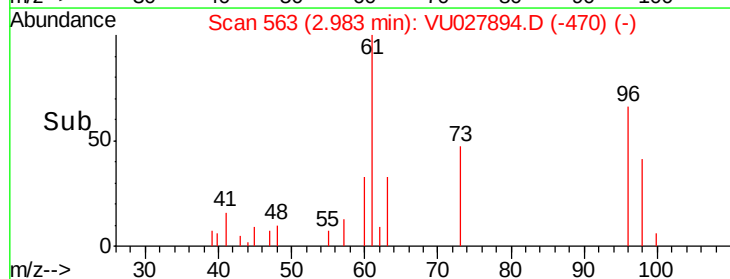
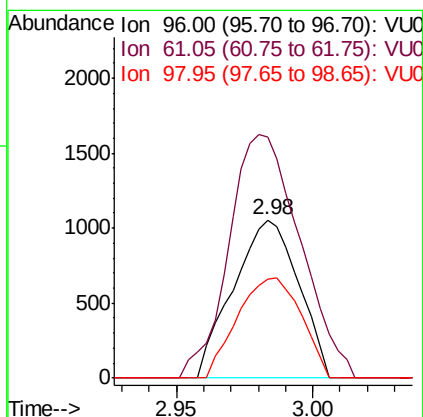
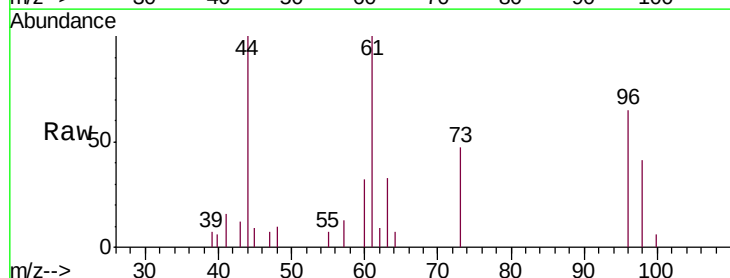
Instrument :
MSVOA_U
ClientSampleId :
MDL01

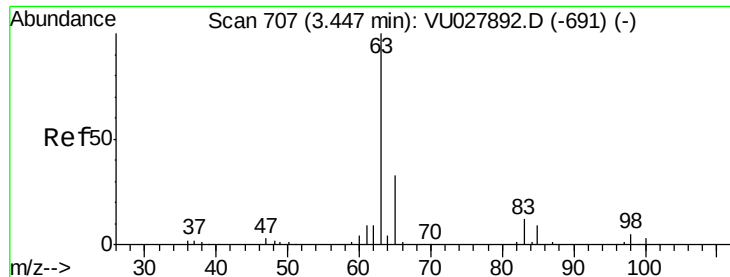
Tgt Ion: 73 Resp: 5318
Ion Ratio Lower Upper
73 100
43 27.8 18.7 28.1
57 14.4 18.7 28.1#



#18
trans-1,2-Dichloroethene
Concen: 0.337 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion: 96 Resp: 1751
Ion Ratio Lower Upper
96 100
61 152.1 115.2 214.0
98 62.4 44.0 81.8

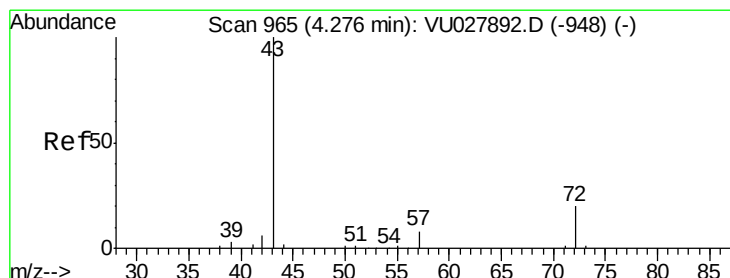
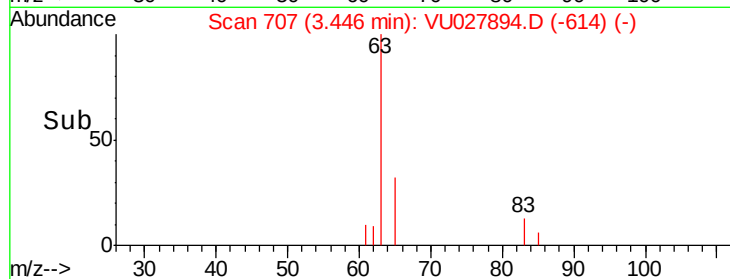
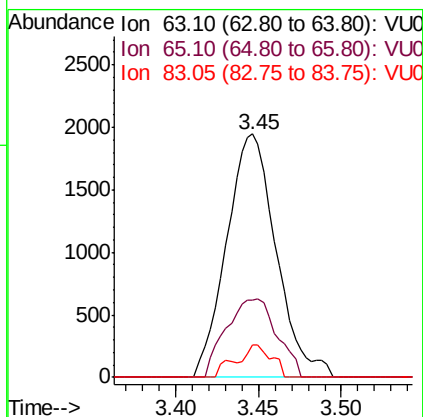
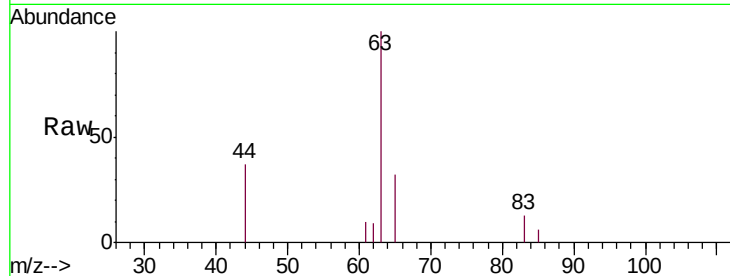




#19
 1,1-Dichloroethane
 Concen: 0.369 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

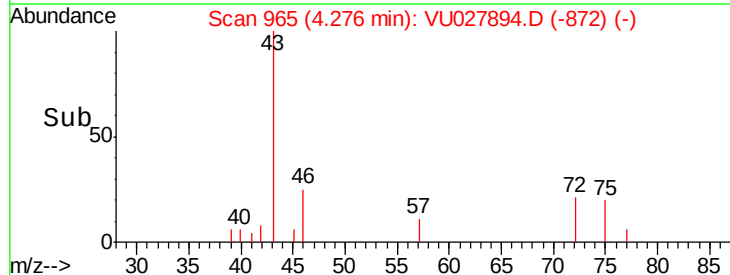
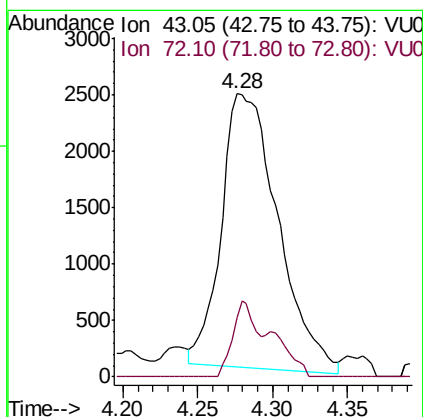
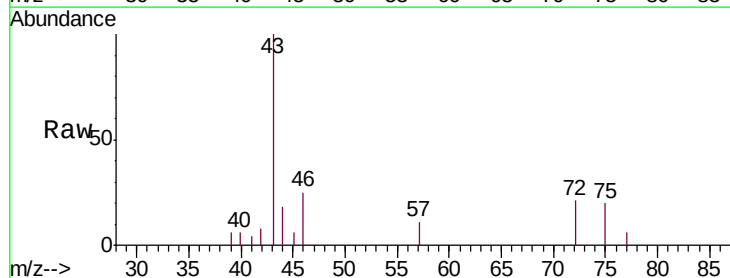
Instrument :
 MSVOA_U
 ClientSampled :
 MDL01

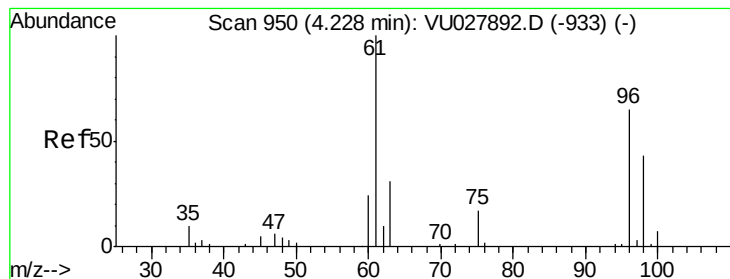
Tgt Ion: 63 Resp: 4039
 Ion Ratio Lower Upper
 63 100
 65 31.8 21.8 40.4
 83 13.2 9.4 17.4



#21
 2-Butanone
 Concen: 3.194 ug/L
 RT: 4.28 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Tgt Ion: 43 Resp: 6412
 Ion Ratio Lower Upper
 43 100
 72 11.2 10.9 32.9



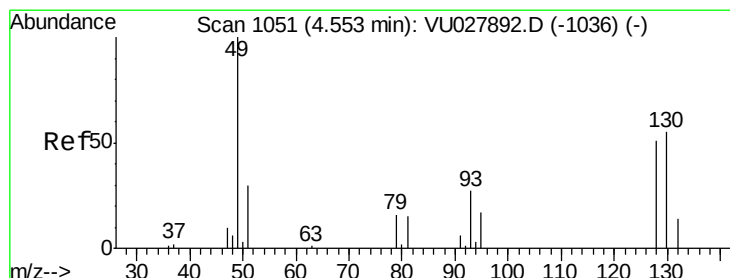
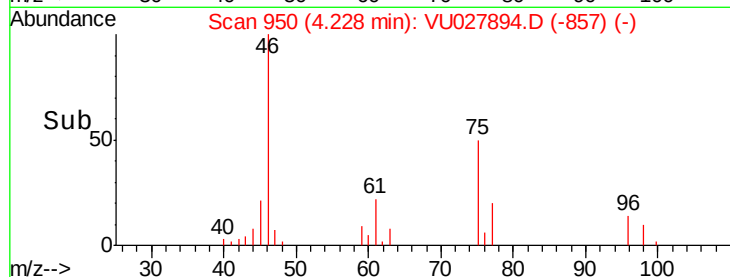
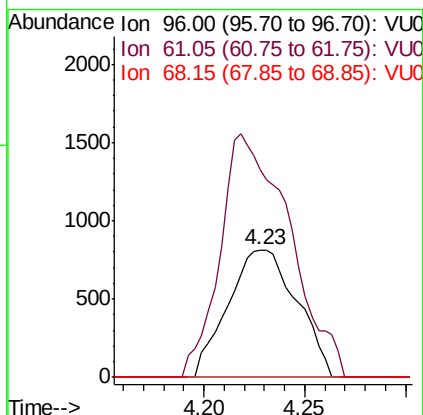
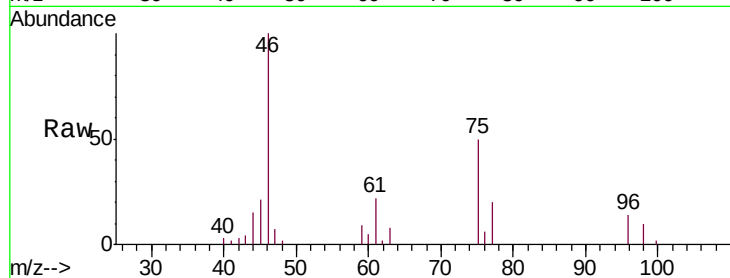


#22

cis-1,2-Dichloroethene
Concen: 0.323 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Instrument :
MSVOA_U
ClientSampled :
MDL01

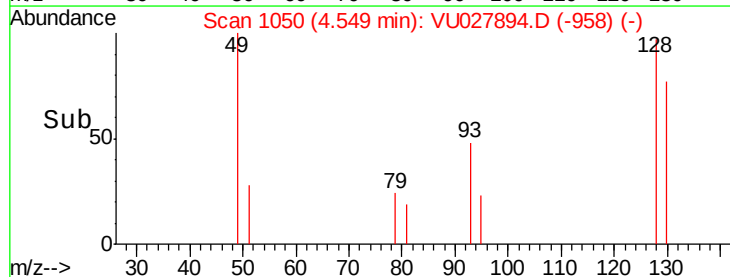
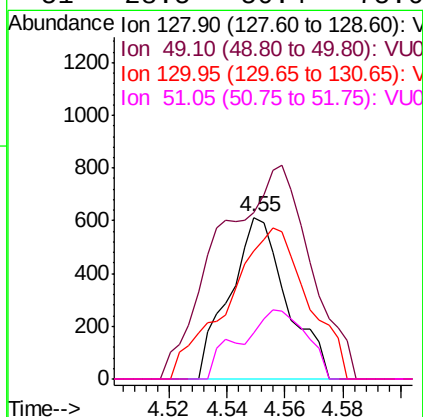
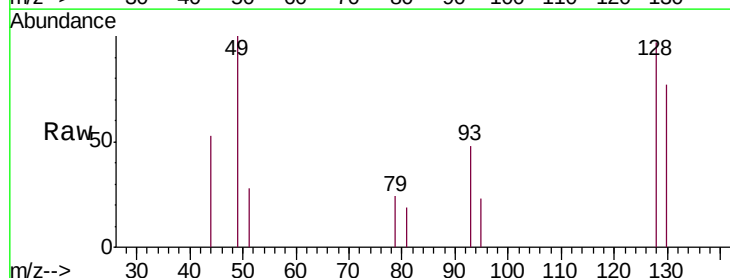
Tgt Ion: 96 Resp: 1936
Ion Ratio Lower Upper
96 100
61 163.2 104.0 193.2
68 0.0 0.0 0.0

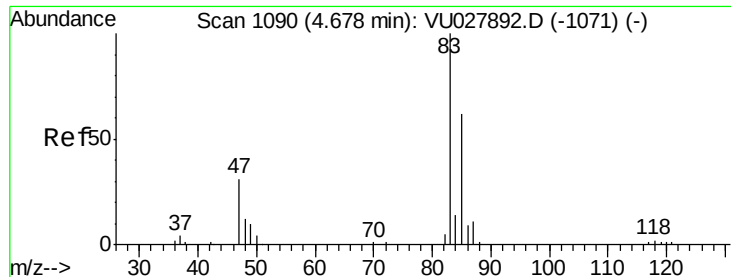


#23

Bromochloromethane
Concen: 0.337 ug/L
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion: 128 Resp: 837
Ion Ratio Lower Upper
128 100
49 102.6 142.0 263.8#
130 78.8 86.1 159.9#
51 28.5 50.4 75.6#

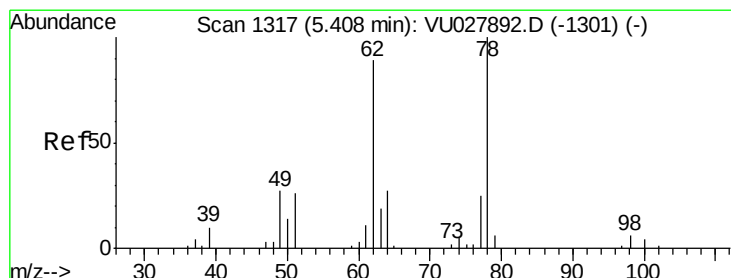
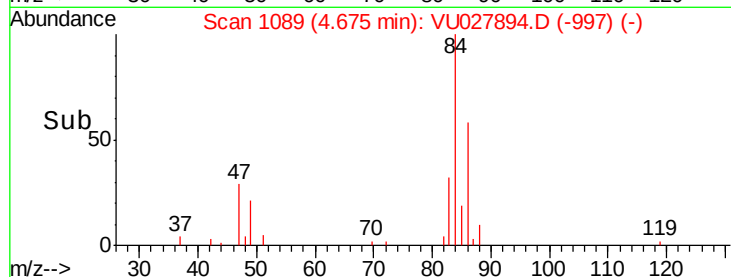
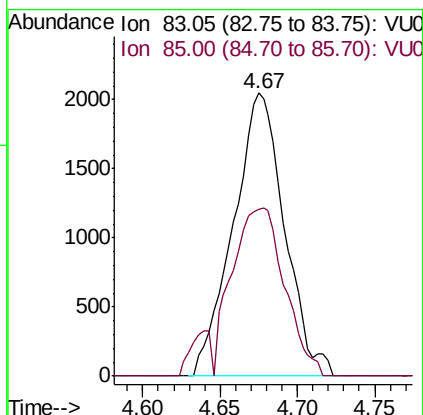
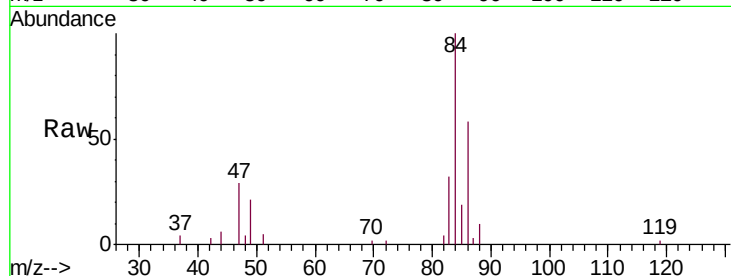




#25
Chloroform
Concen: 0.426 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

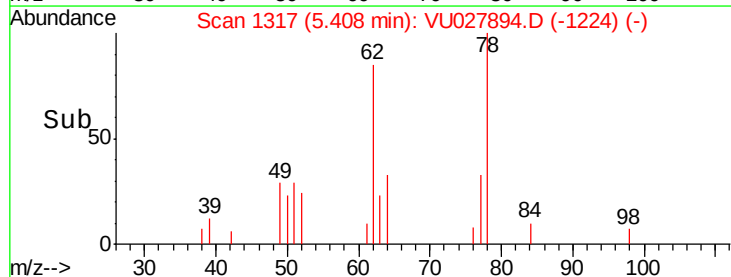
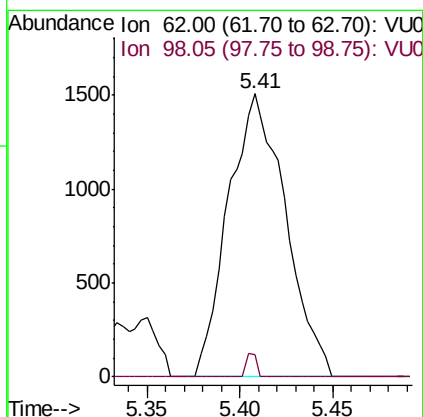
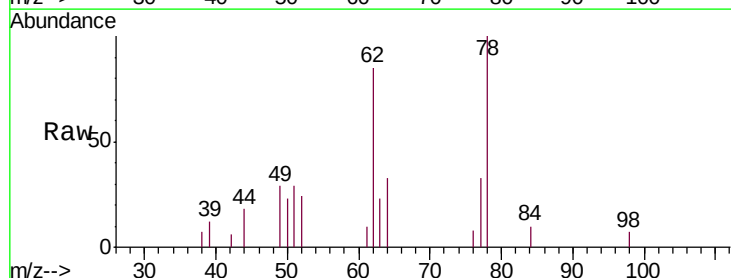
Instrument :
MSVOA_U
ClientSampleId :
MDL01

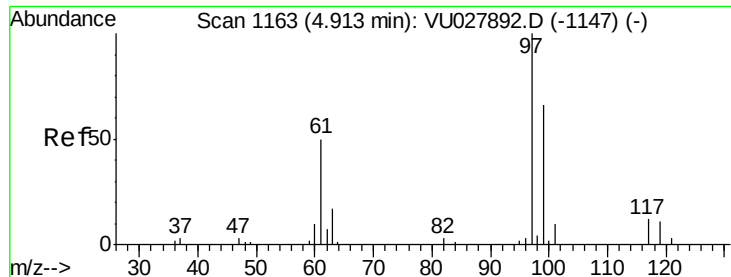
Tgt Ion: 83 Resp: 4731
Ion Ratio Lower Upper
83 100
85 58.8 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.419 ug/L
RT: 5.41 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion: 62 Resp: 3243
Ion Ratio Lower Upper
62 100
98 7.9 6.3 9.5

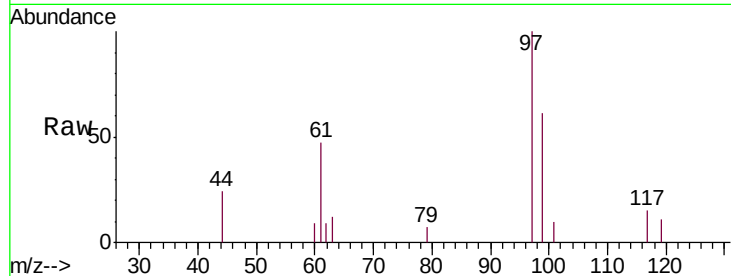




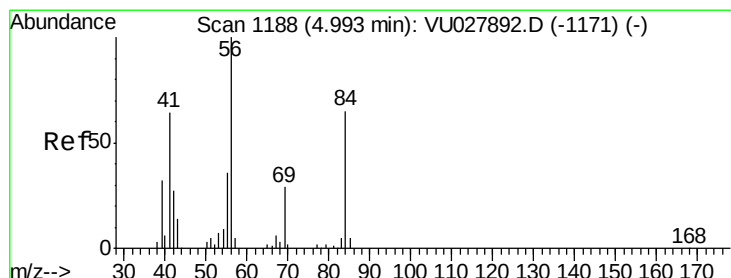
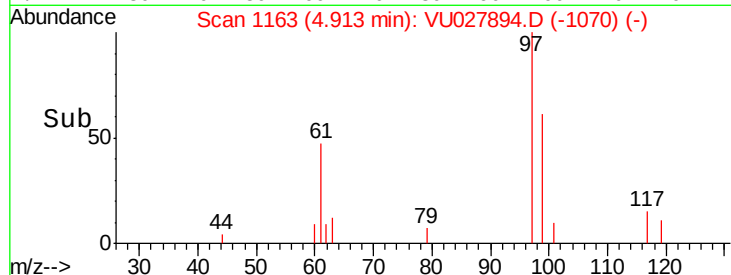
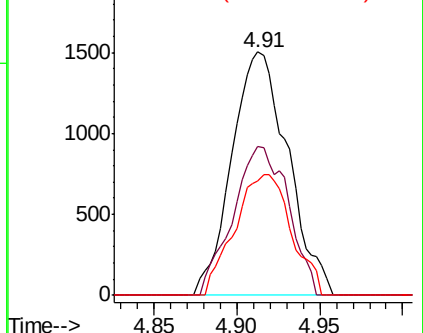
#29
 1,1,1-Trichloroethane
 Concen: 0.360 ug/L
 RT: 4.91 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 97 Resp: 3527
 Ion Ratio Lower Upper
 97 100
 99 60.4 50.6 76.0
 61 50.3 35.8 53.6

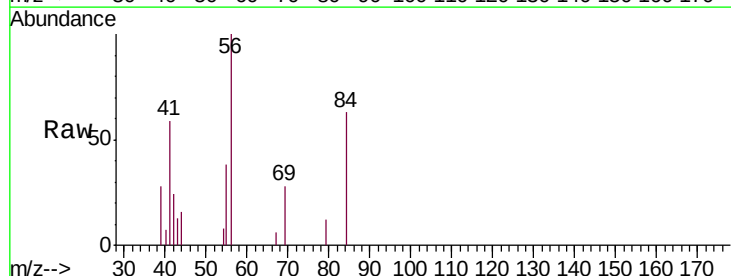


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

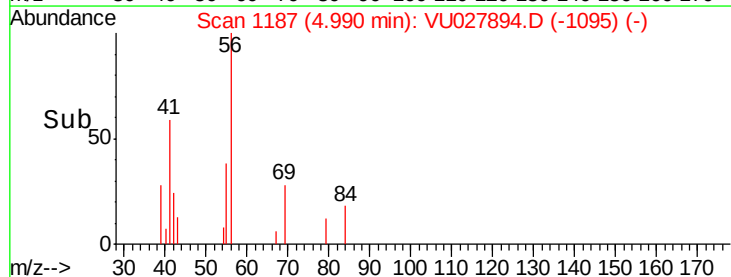
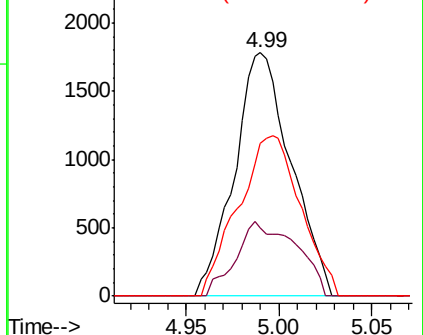


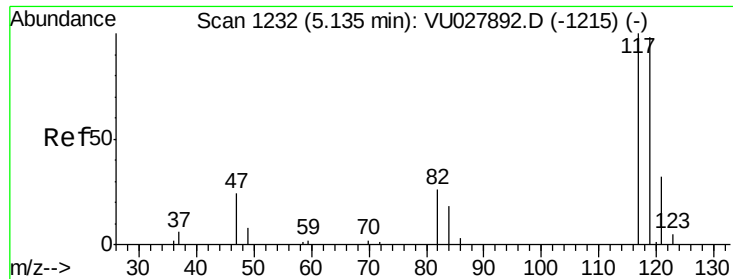
#30
 Cyclohexane
 Concen: 0.329 ug/L
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Tgt Ion: 56 Resp: 3785
 Ion Ratio Lower Upper
 56 100
 69 32.5 22.7 34.1
 84 72.7 58.1 87.1



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 0.361 ug/L

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

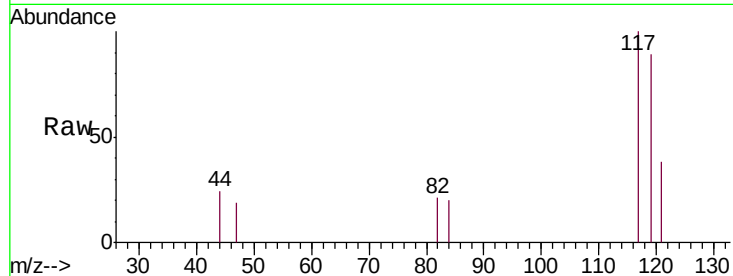
MDL01

Tgt Ion:117 Resp: 3034

Ion Ratio Lower Upper

117 100

119 47.6 77.1 115.7#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.14

1500

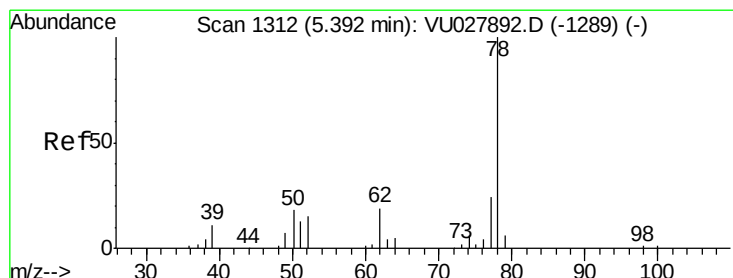
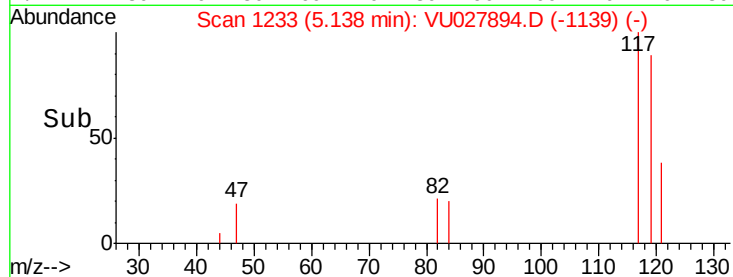
1000

500

0

Time-->

5.10 5.15 5.20



#33

Benzene

Concen: 0.332 ug/L

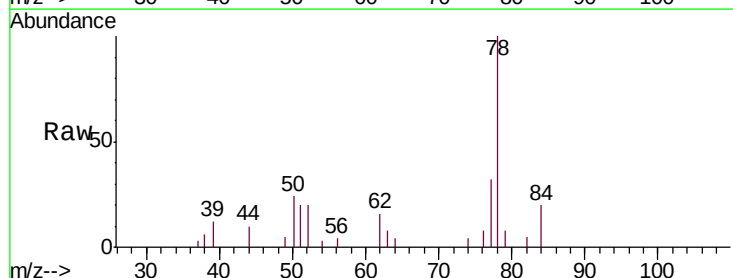
RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Tgt Ion: 78 Resp: 7998



Abundance Ion 78.10 (77.80 to 78.80): VU0

4000

3000

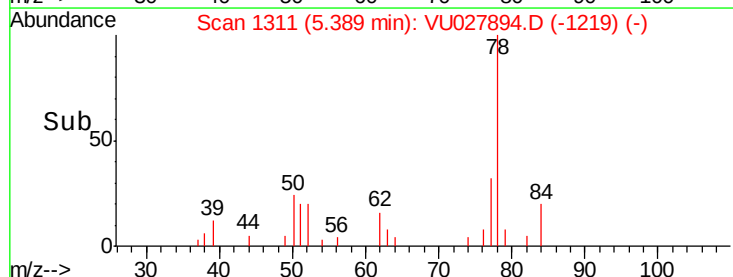
2000

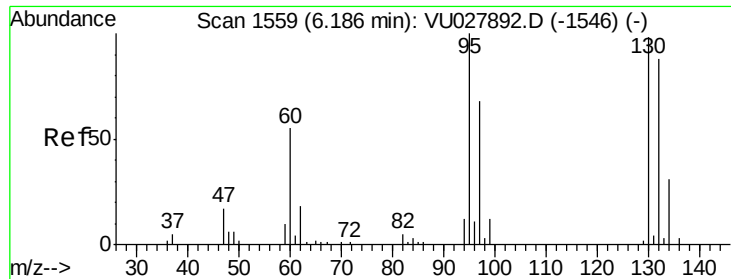
1000

0

Time-->

5.35 5.40 5.45





#34

Trichloroethene

Concen: 0.358 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

MDL01

Tgt Ion: 95 Resp: 2241

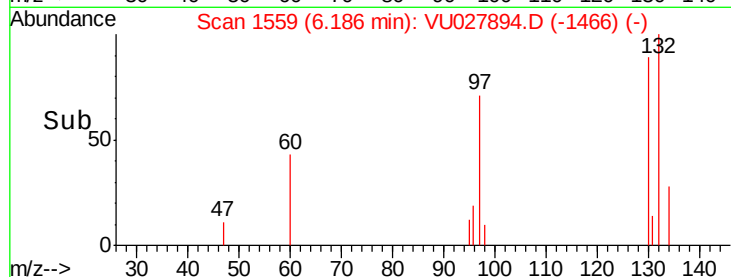
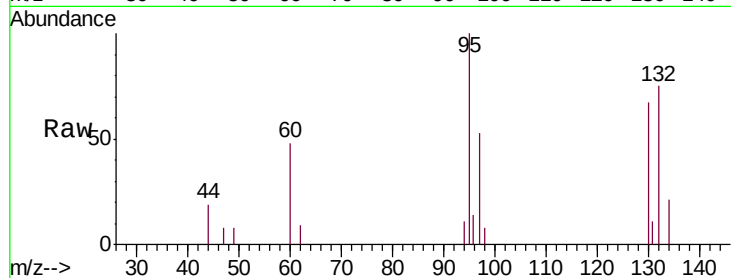
Ion Ratio Lower Upper

95 100

97 53.3 44.0 81.6

132 75.1 63.3 117.5

130 66.8 63.1 117.3

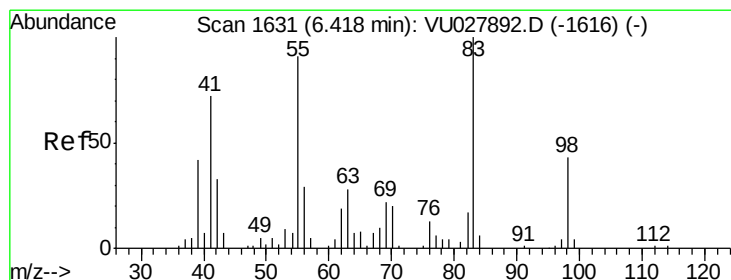
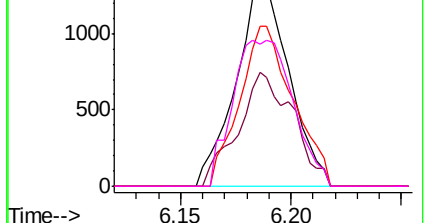


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.339 ug/L

RT: 6.41 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

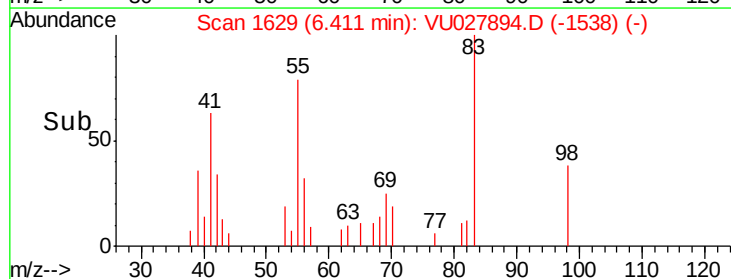
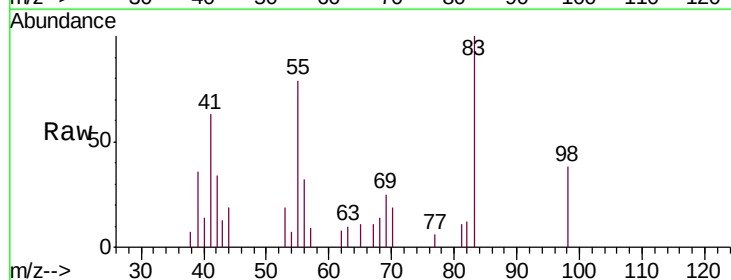
Tgt Ion: 83 Resp: 3613

Ion Ratio Lower Upper

83 100

55 79.6 73.4 110.0

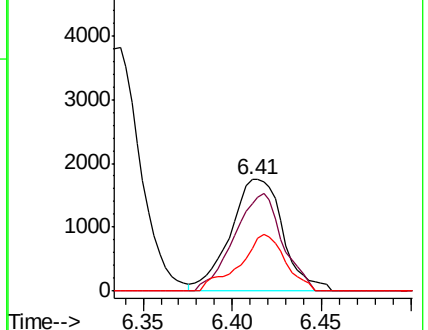
98 43.9 35.3 52.9

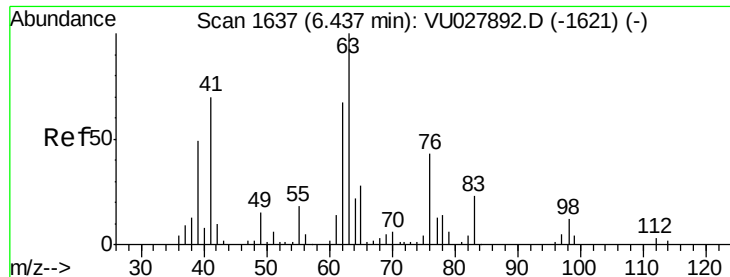


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

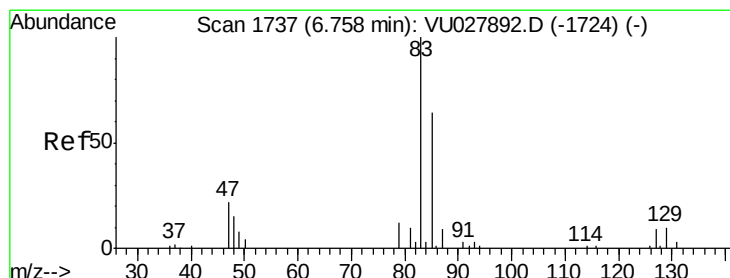
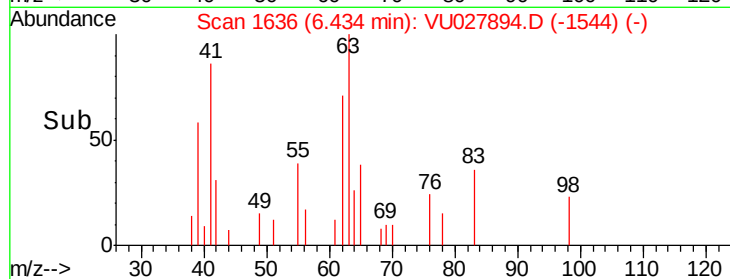
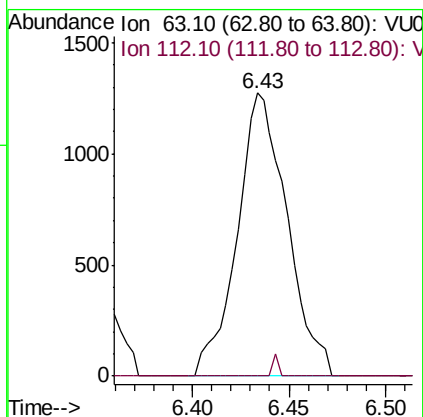
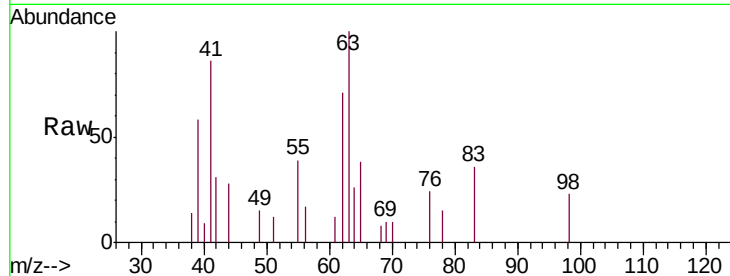




#37
 1,2-Dichloropropane
 Concen: 0.333 ug/L
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

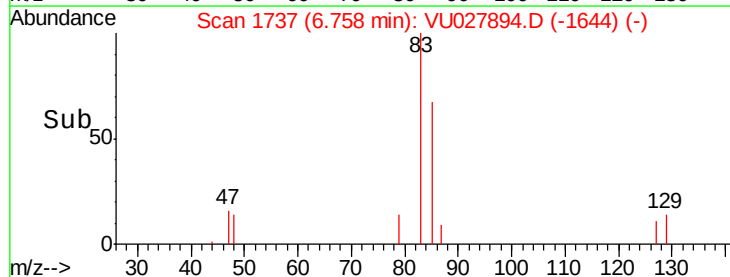
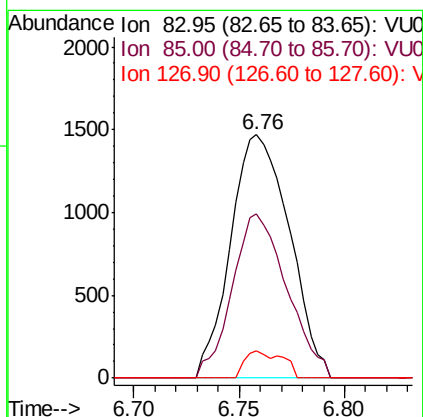
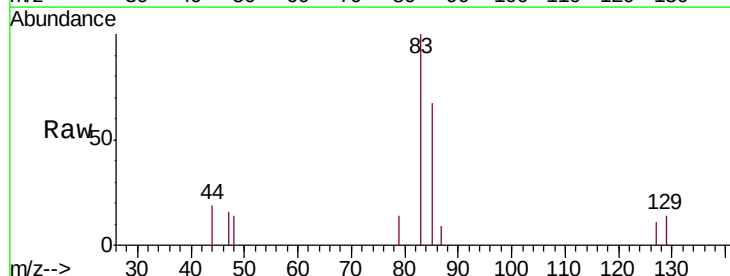
Instrument :
 MSVOA_U
 ClientSampled :
 MDL01

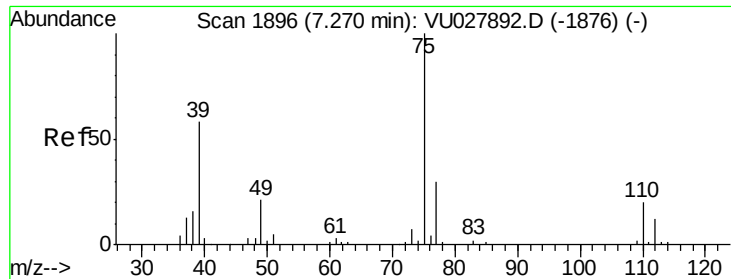
Tgt Ion: 63 Resp: 2284
 Ion Ratio Lower Upper
 63 100
 112 0.9 2.6 3.8#



#38
 Bromodichloromethane
 Concen: 0.355 ug/L
 RT: 6.76 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Tgt Ion: 83 Resp: 2848
 Ion Ratio Lower Upper
 83 100
 85 67.5 43.8 81.4
 127 11.2 6.4 9.6#

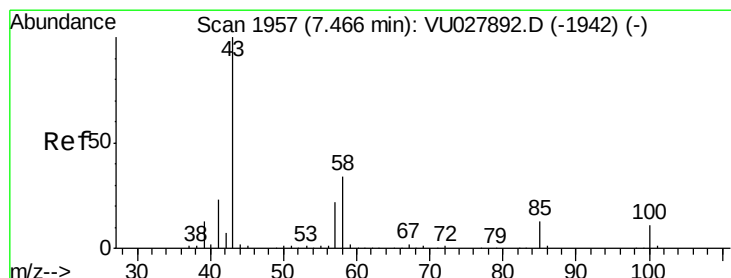
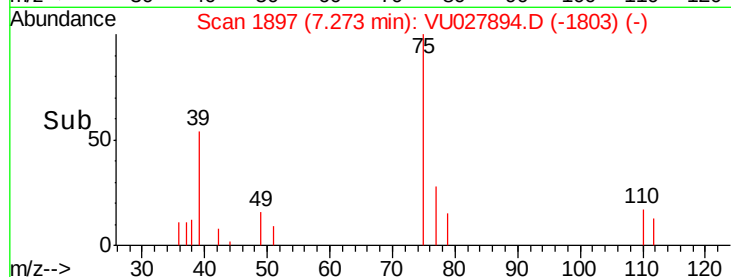
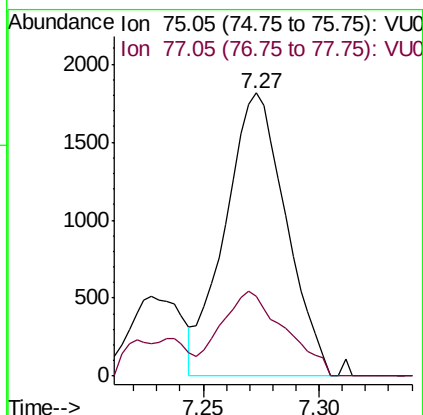
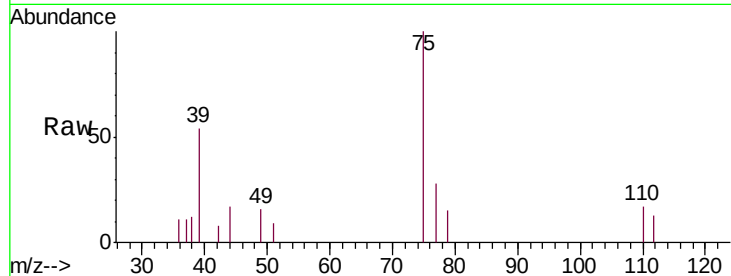




#39
 cis-1,3-Dichloropropene
 Concen: 0.337 ug/L
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

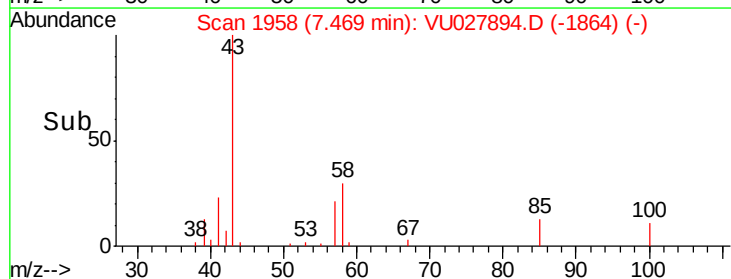
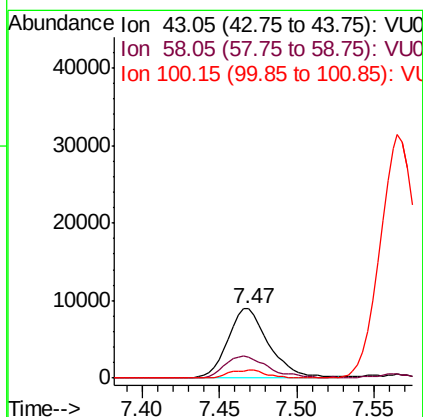
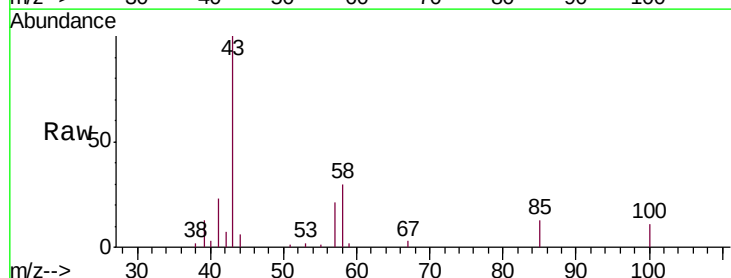
Instrument :
 MSVOA_U
 ClientSampled :
 MDL01

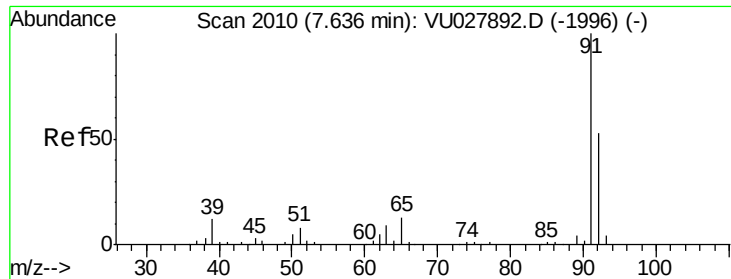
Tgt Ion: 75 Resp: 3308
 Ion Ratio Lower Upper
 75 100
 77 28.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 3.421 ug/L
 RT: 7.47 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Tgt Ion: 43 Resp: 16564
 Ion Ratio Lower Upper
 43 100
 58 32.9 28.5 42.7
 100 10.6 8.8 13.2





#42

Toluene

Concen: 0.349 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampled :

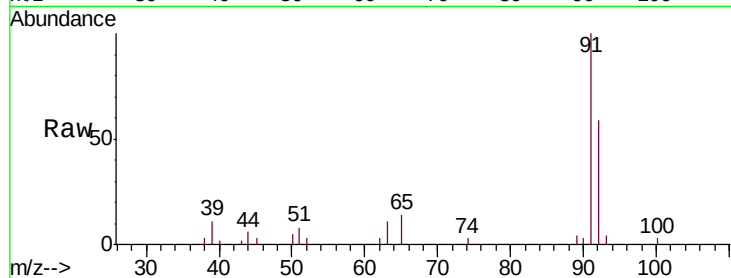
MDL01

Tgt Ion: 91 Resp: 8783

Ion Ratio Lower Upper

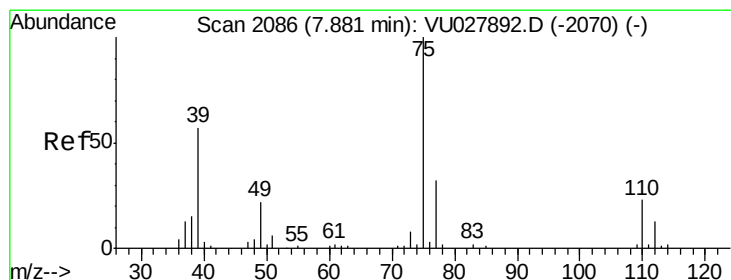
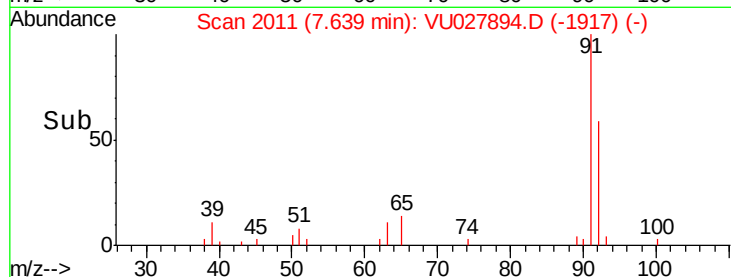
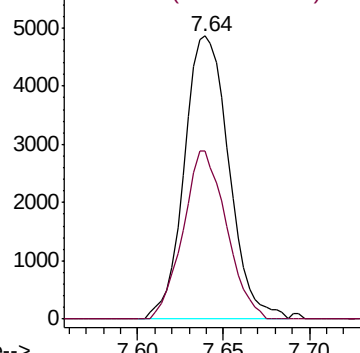
91 100

92 59.2 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.371 ug/L

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027894.D

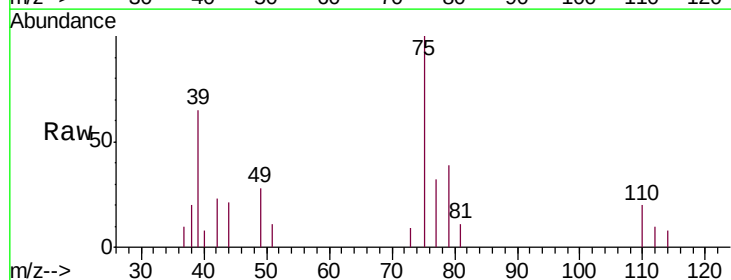
Acq: 01 Nov 2018 10:49

Tgt Ion: 75 Resp: 3126

Ion Ratio Lower Upper

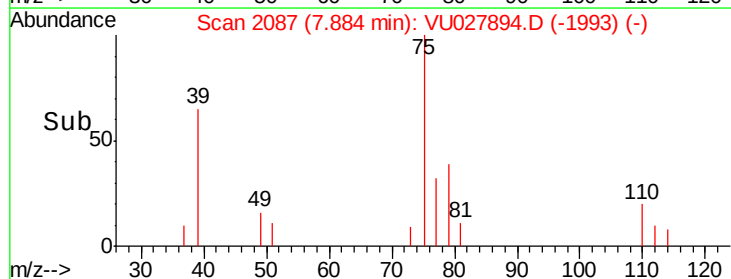
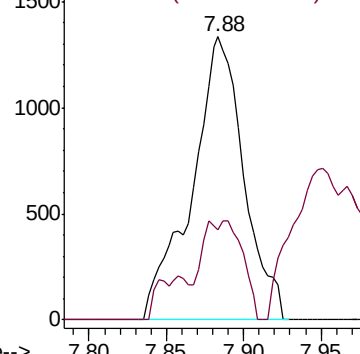
75 100

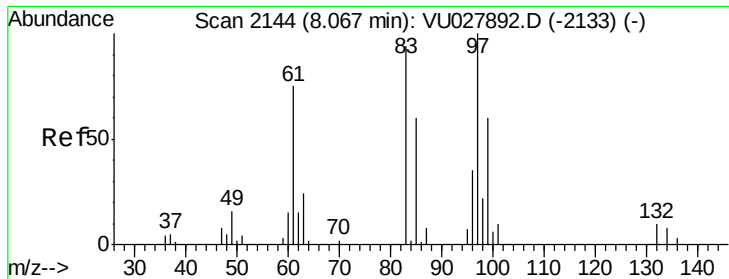
77 32.0 20.5 38.1



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

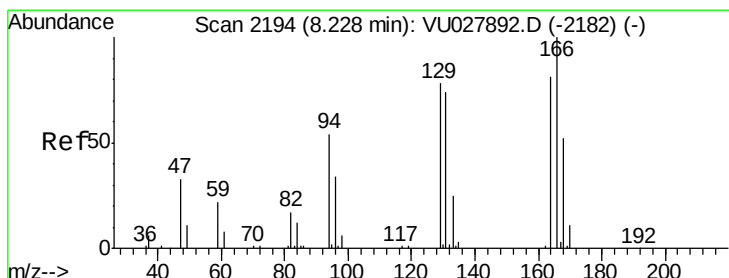
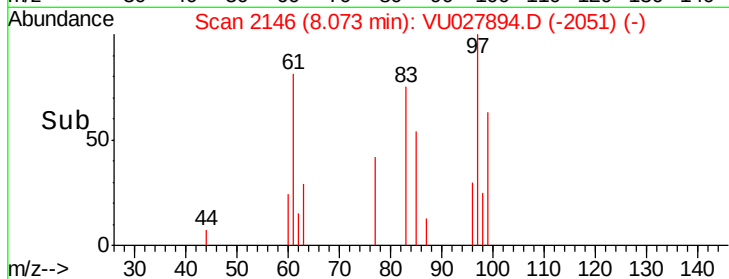
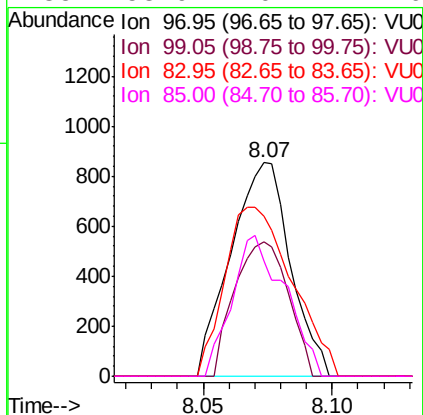
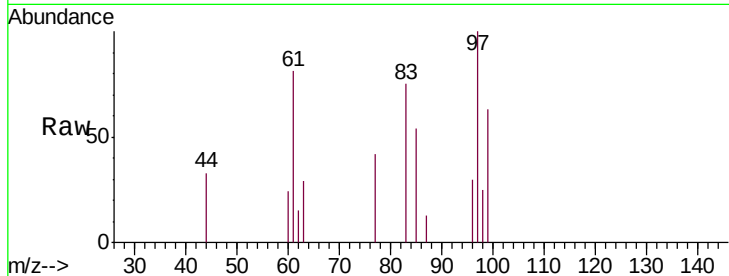




#45
 1,1,2-Trichloroethane
 Concen: 0.326 ug/L
 RT: 8.07 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

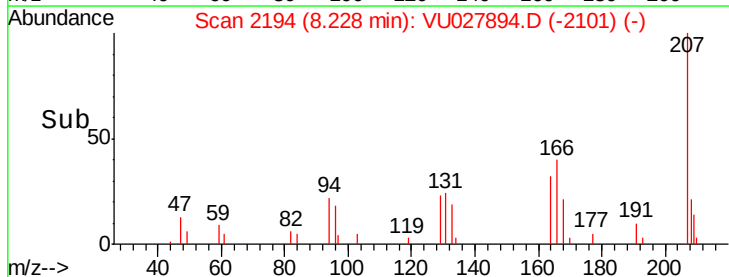
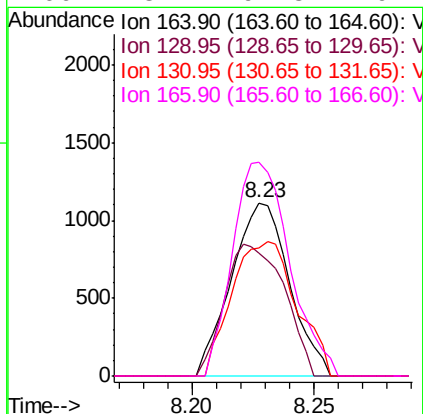
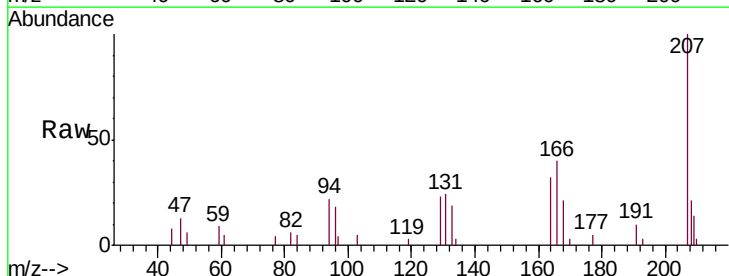
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

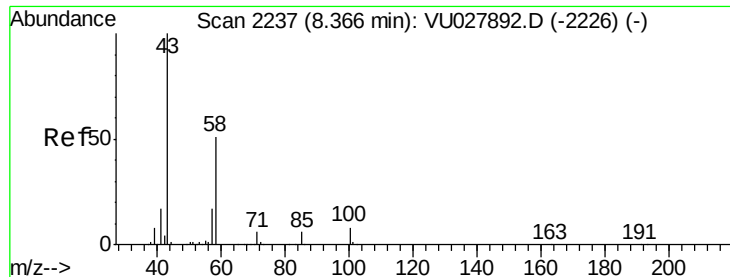
Tgt Ion: 97 Resp: 1373
 Ion Ratio Lower Upper
 97 100
 99 62.7 42.9 79.7
 83 75.0 62.2 115.6
 85 53.9 40.2 74.6



#47
 Tetrachloroethene
 Concen: 0.381 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Tgt Ion: 164 Resp: 1831
 Ion Ratio Lower Upper
 164 100
 129 71.3 64.9 120.5
 131 74.3 64.3 119.5
 166 123.4 91.8 170.4

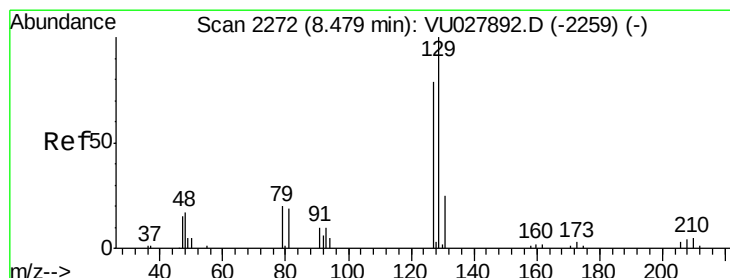
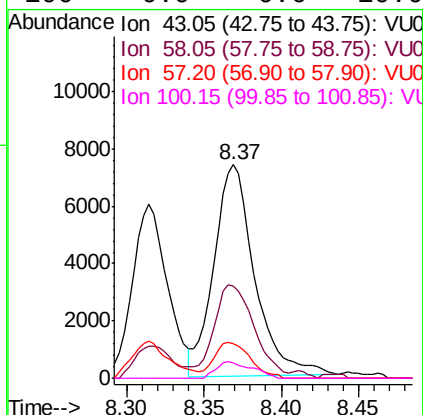
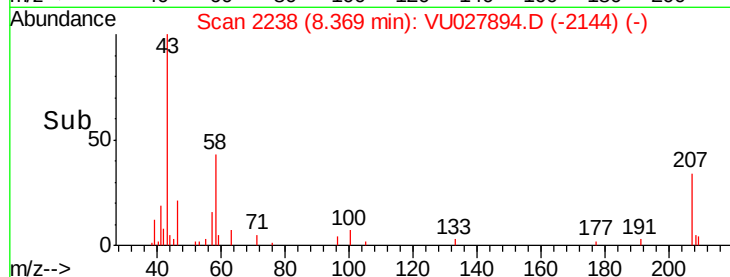
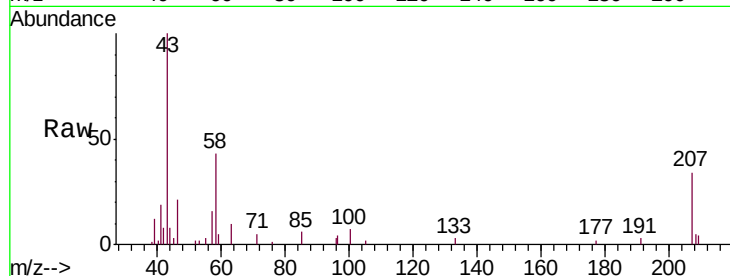




#48
2-Hexanone
Concen: 3.868 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

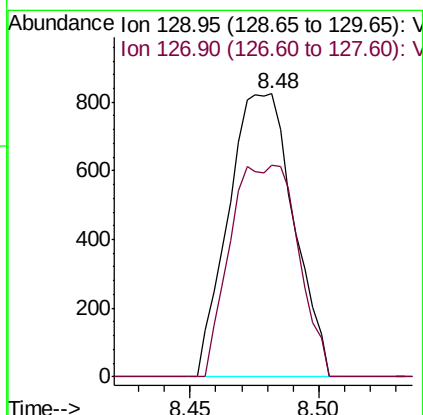
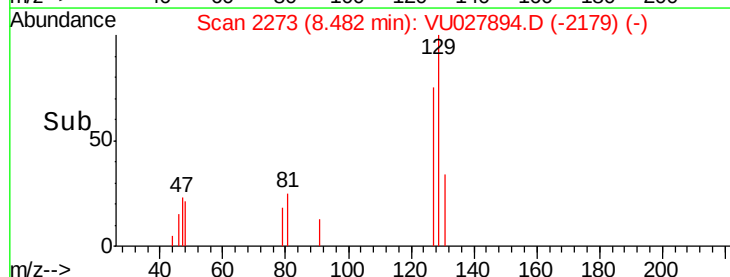
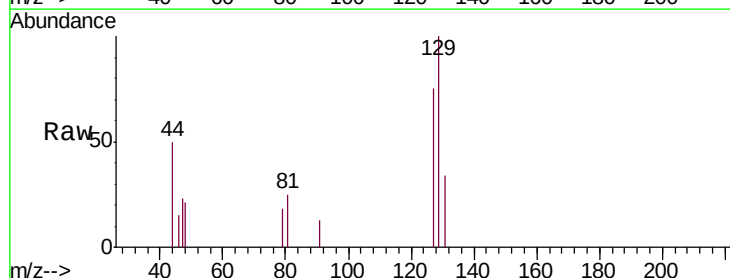
Instrument :
MSVOA_U
ClientSampled :
MDL01

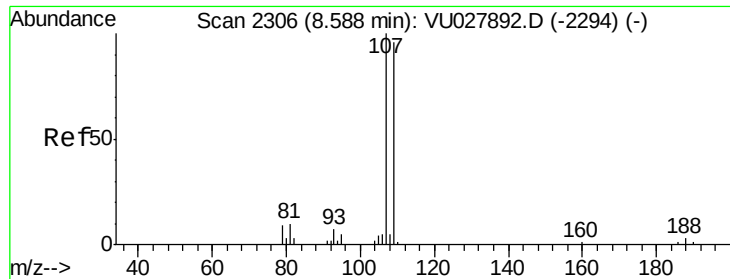
Tgt Ion: 43 Resp: 13502
Ion Ratio Lower Upper
43 100
58 44.1 38.9 58.3
57 15.2 13.3 19.9
100 6.9 6.6 10.0



#49
Dibromochloromethane
Concen: 0.285 ug/L
RT: 8.48 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion: 129 Resp: 1450
Ion Ratio Lower Upper
129 100
127 74.8 54.5 101.1

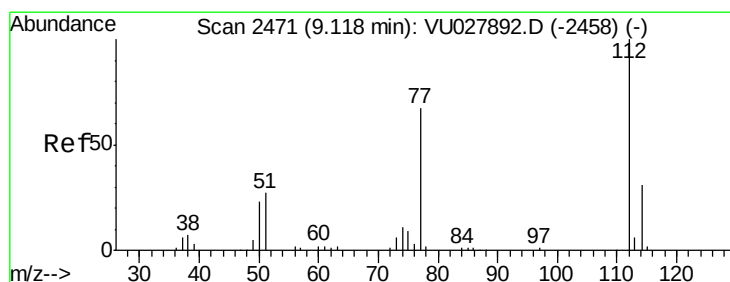
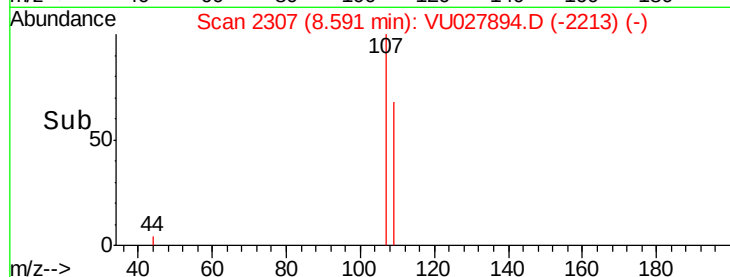
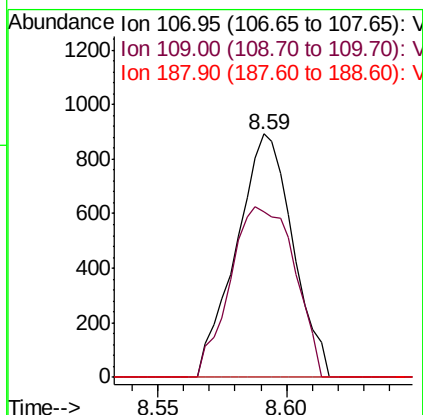
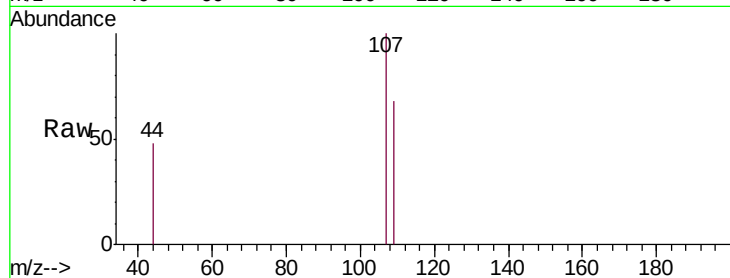




#50
1,2-Dibromoethane
Concen: 0.337 ug/L
RT: 8.59 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

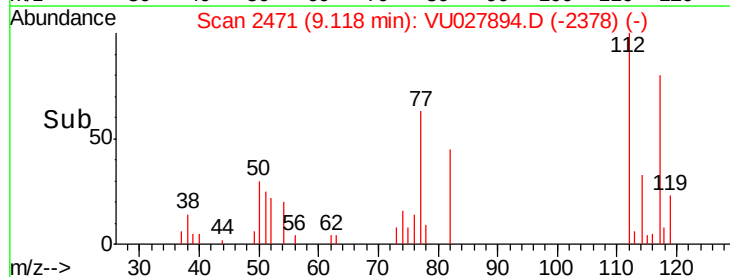
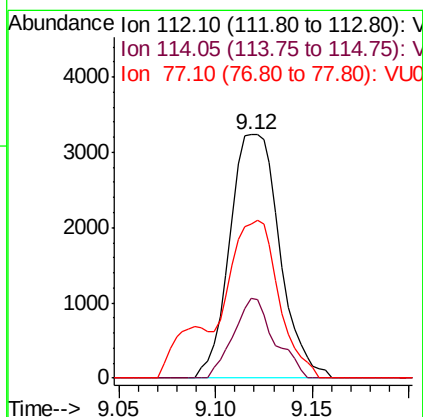
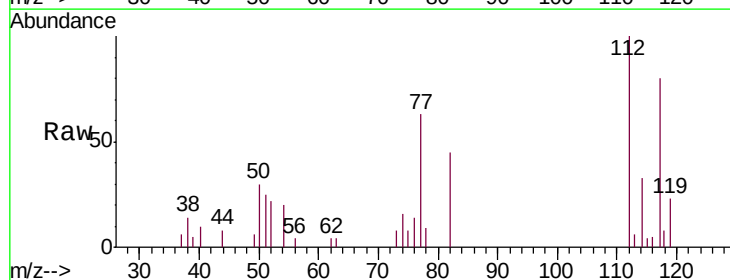
Instrument :
MSVOA_U
ClientSampleId :
MDL01

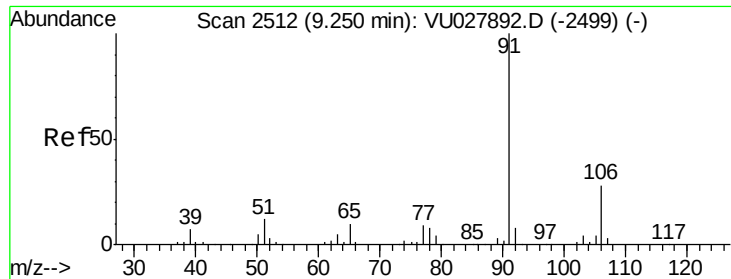
Tgt Ion:107 Resp: 1360
Ion Ratio Lower Upper
107 100
109 67.9 68.0 126.4#
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 0.372 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion:112 Resp: 5808
Ion Ratio Lower Upper
112 100
114 32.7 22.0 41.0
77 63.4 54.3 81.5





#52

Ethylbenzene

Concen: 0.330 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

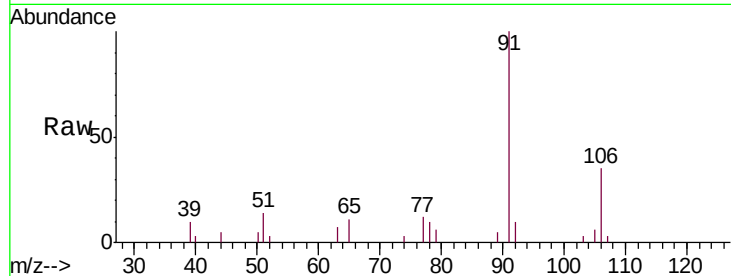
MDL01

Tgt Ion: 91 Resp: 9467

Ion Ratio Lower Upper

91 100

106 35.1 21.5 39.9

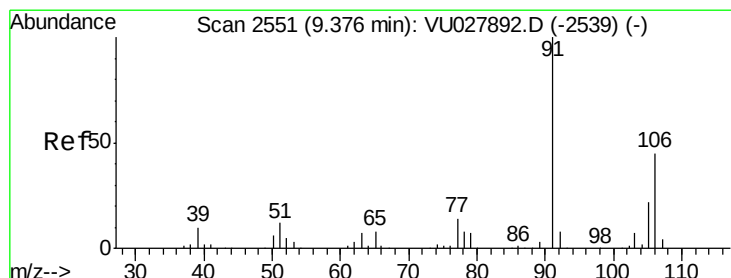
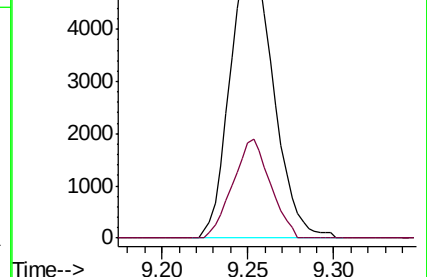
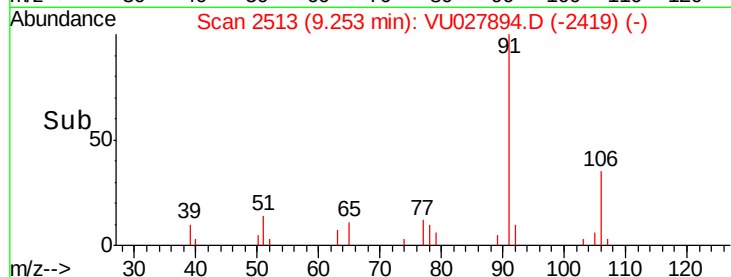


Abundance Ion 91.15 (90.85 to 91.85): VU027892.D (-2499) (-)

Ion 106.15 (105.85 to 106.85): VU027892.D (-2499) (-)

9.25

Time-->



#53

m,p-xylene

Concen: 0.307 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VU027894.D

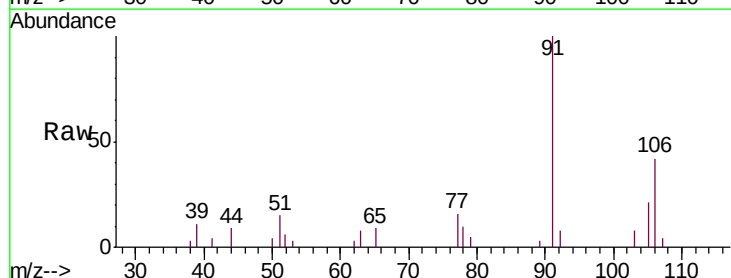
Acq: 01 Nov 2018 10:49

Tgt Ion: 106 Resp: 3192

Ion Ratio Lower Upper

106 100

91 237.8 148.7 276.1

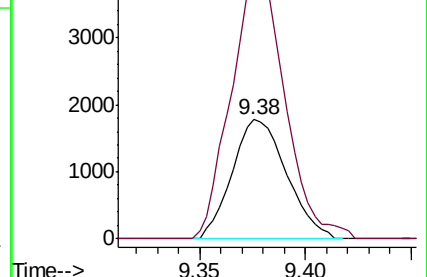
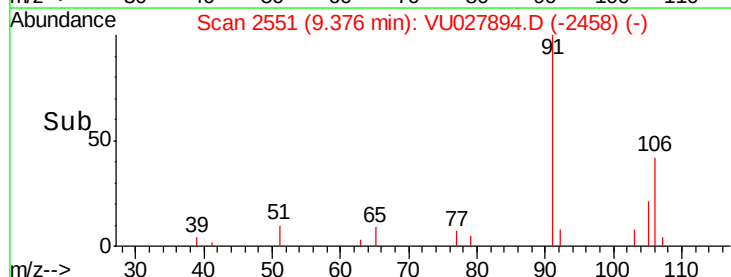


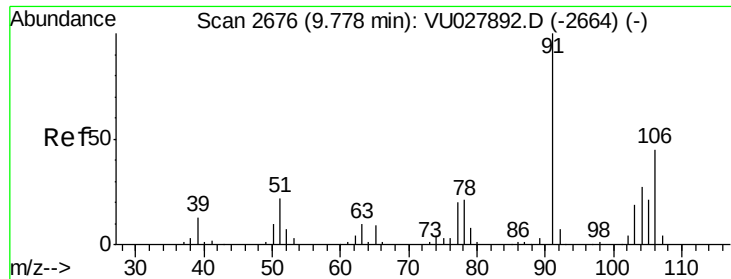
Abundance Ion 106.15 (105.85 to 106.85): VU027892.D (-2539) (-)

Ion 91.15 (90.85 to 91.85): VU027892.D (-2539) (-)

9.38

Time-->

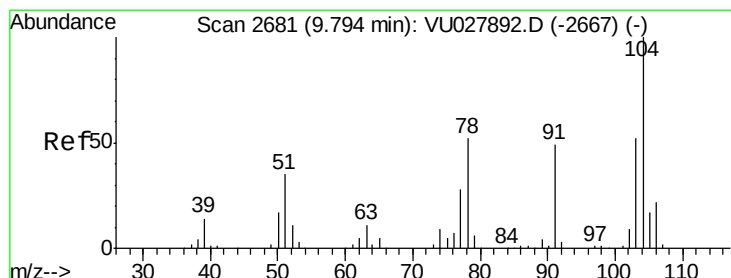
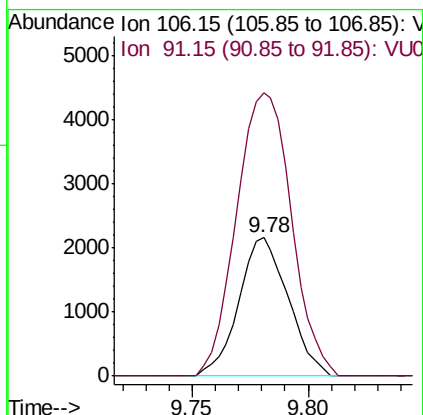
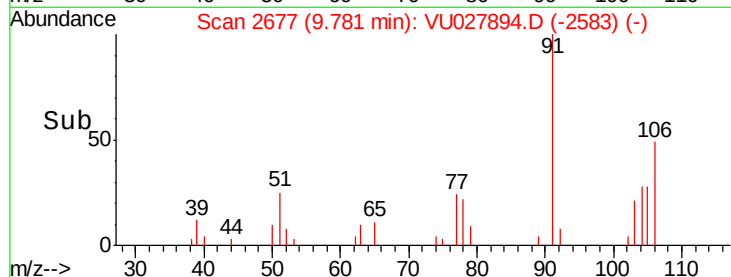
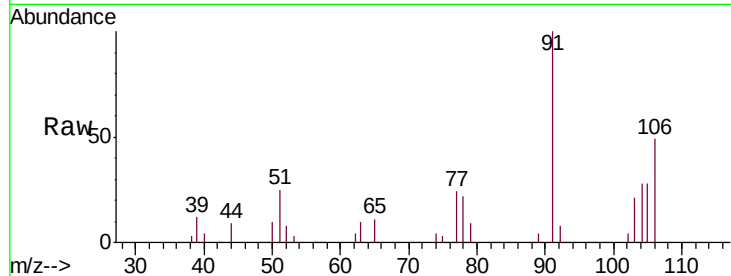




#54
o-xylene
Concen: 0.313 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

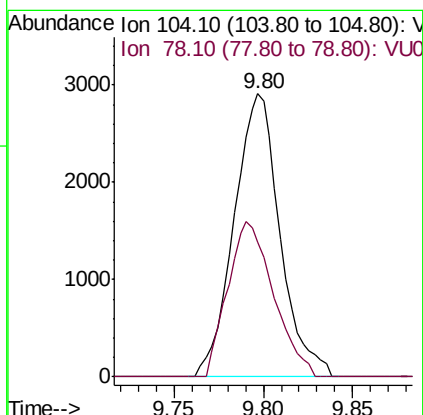
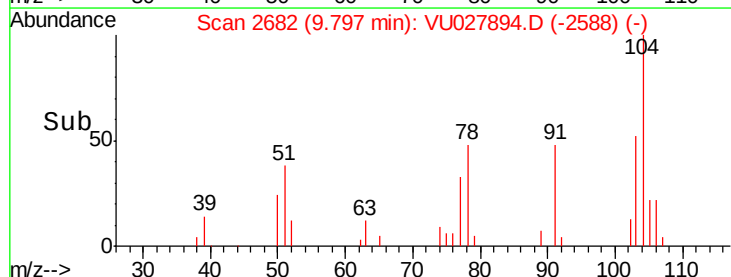
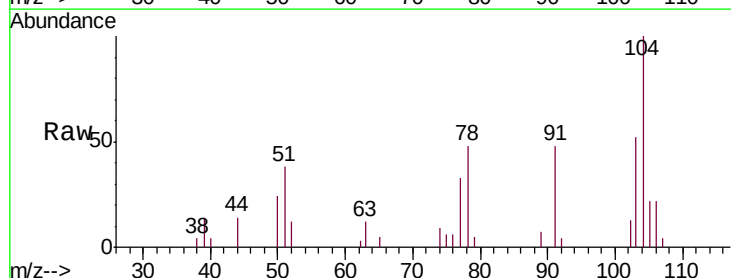
Instrument :
MSVOA_U
ClientSampleId :
MDL01

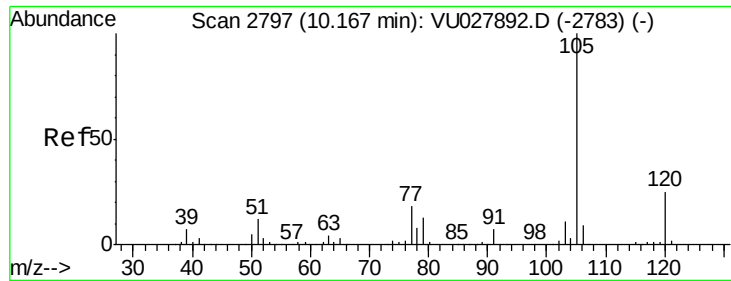
Tgt Ion:106 Resp: 3197
Ion Ratio Lower Upper
106 100
91 204.8 158.3 293.9



#55
Styrene
Concen: 0.305 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027894.D
Acq: 01 Nov 2018 10:49

Tgt Ion:104 Resp: 5223
Ion Ratio Lower Upper
104 100
78 47.7 35.6 66.0





#56

Isopropylbenzene

Concen: 0.309 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampled :

MDL01

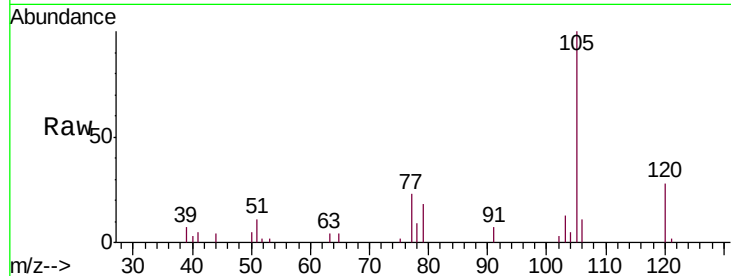
Tgt Ion: 105 Resp: 8617

Ion Ratio Lower Upper

105 100

120 26.6 20.2 30.2

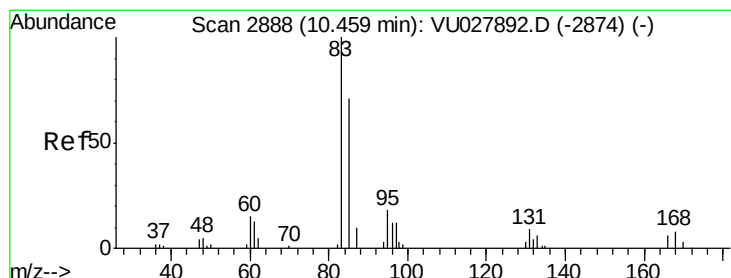
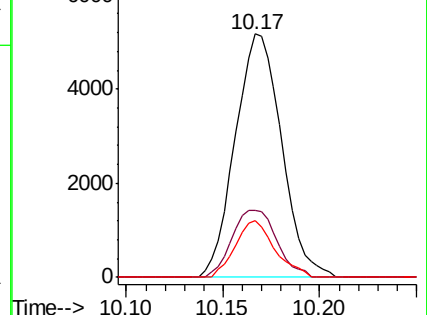
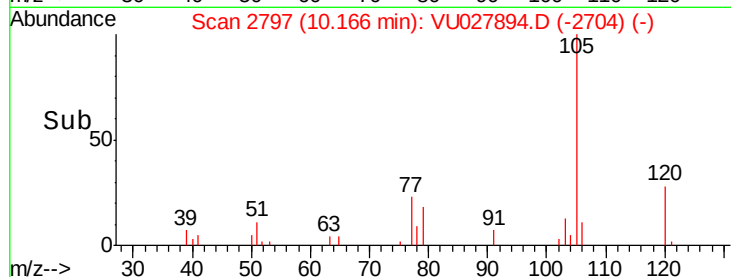
77 19.6 13.4 20.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.332 ug/L

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

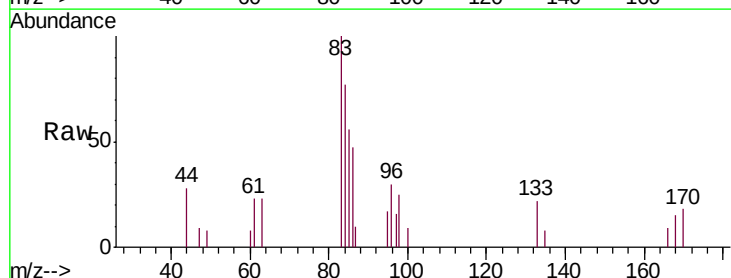
Tgt Ion: 83 Resp: 1824

Ion Ratio Lower Upper

83 100

85 56.3 44.4 82.4

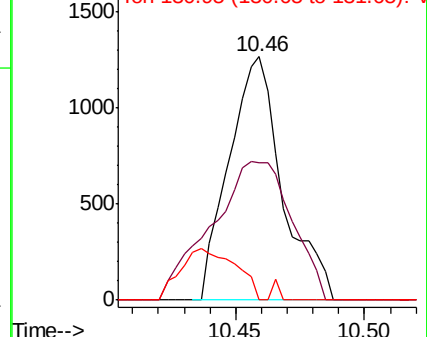
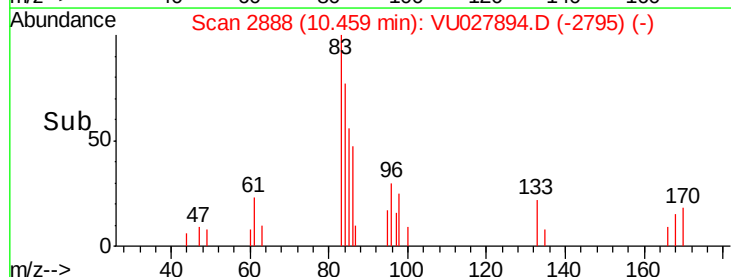
131 0.0 6.8 10.2#

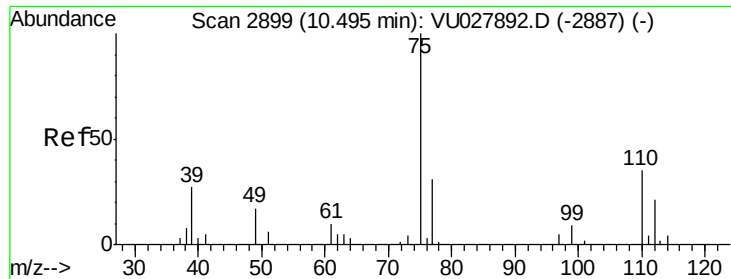


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.358 ug/L

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

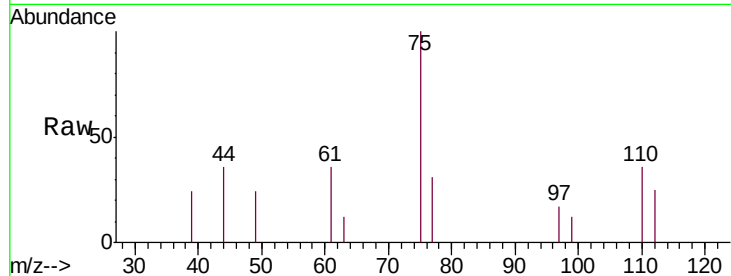
MDL01

Tgt Ion: 75 Resp: 1486

Ion Ratio Lower Upper

75 100

77 29.8 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU027892.D (-2887) (-)

Ion 77.00 (76.70 to 77.70): VU027892.D (-2887) (-)

10.49

800

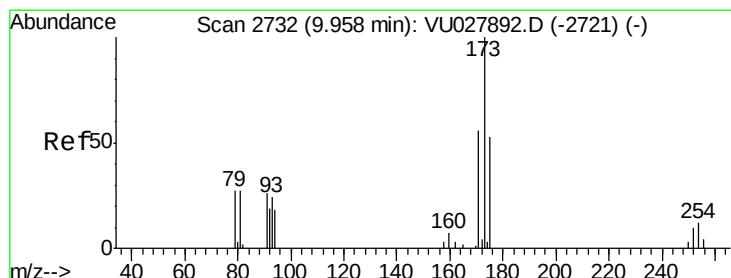
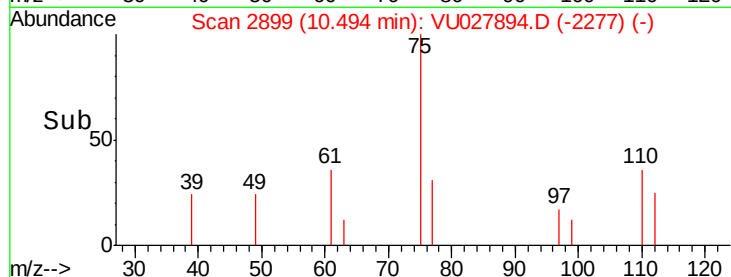
600

400

200

0

Time-->



#61

Bromoform

Concen: 0.327 ug/L

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

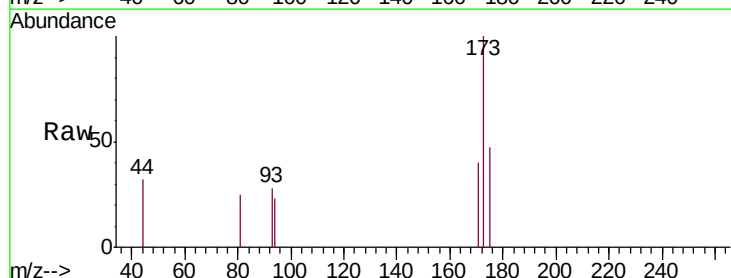
Tgt Ion: 173 Resp: 884

Ion Ratio Lower Upper

173 100

175 49.5 38.3 57.5

254 0.0 7.8 11.6#



Abundance Ion 172.90 (172.60 to 173.60): VU027892.D (-2721) (-)

Ion 174.90 (174.60 to 175.60): VU027892.D (-2721) (-)

Ion 253.75 (253.45 to 254.45): VU027892.D (-2721) (-)

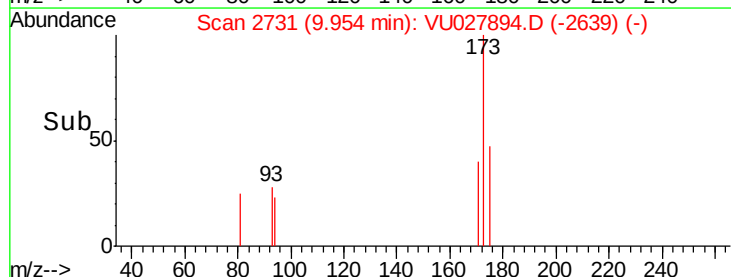
600

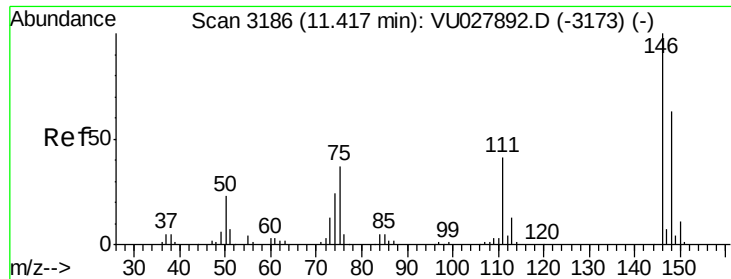
400

200

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 0.356 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

MDL01

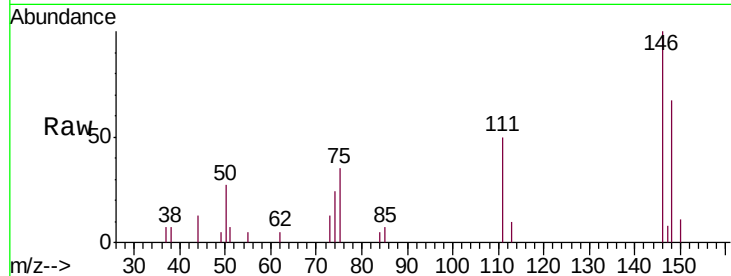
Tgt Ion:146 Resp: 4199

Ion Ratio Lower Upper

146 100

111 49.5 27.4 51.0

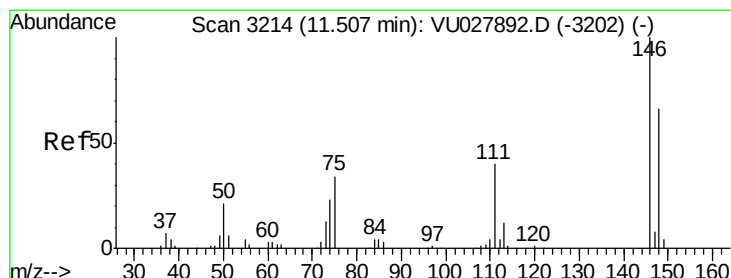
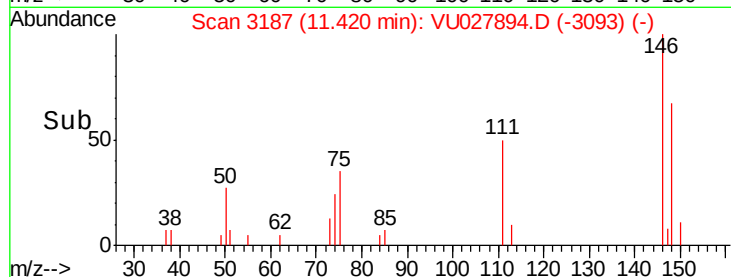
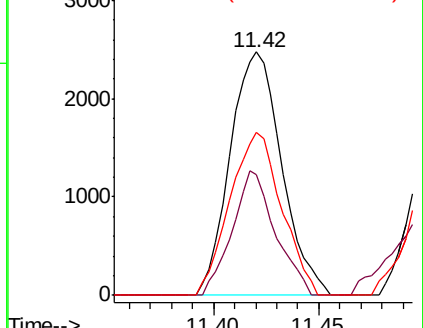
148 66.9 42.6 79.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.345 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

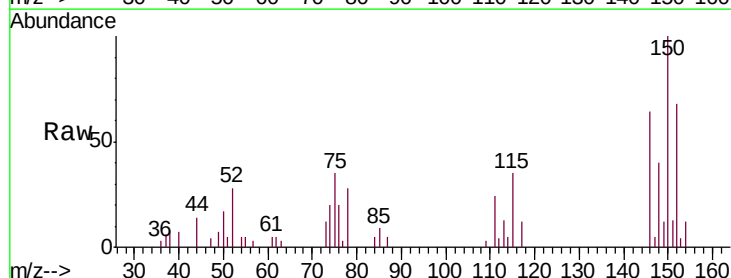
Tgt Ion:146 Resp: 4076

Ion Ratio Lower Upper

146 100

111 37.2 27.4 51.0

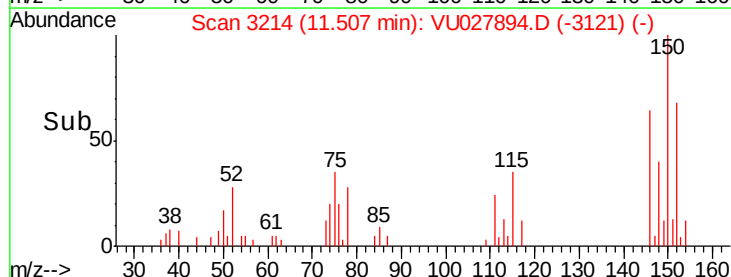
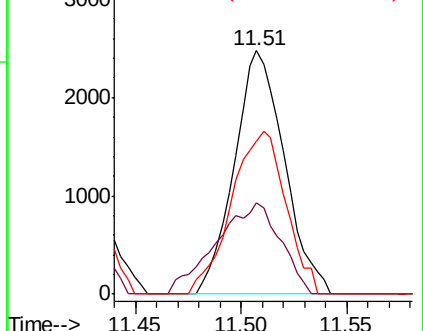
148 62.8 43.1 80.1

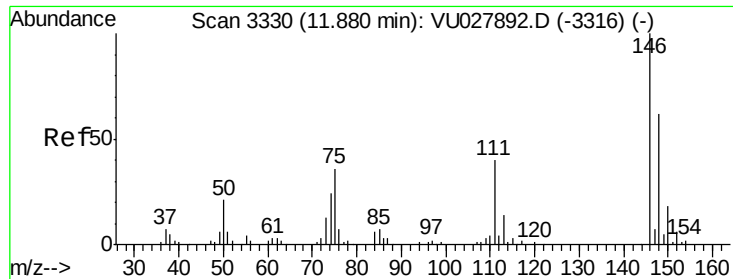


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.350 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampled :

MDL01

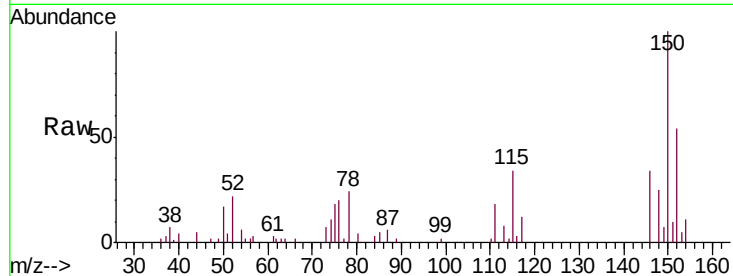
Tgt Ion:146 Resp: 3895

Ion Ratio Lower Upper

146 100

111 53.4 33.0 49.4#

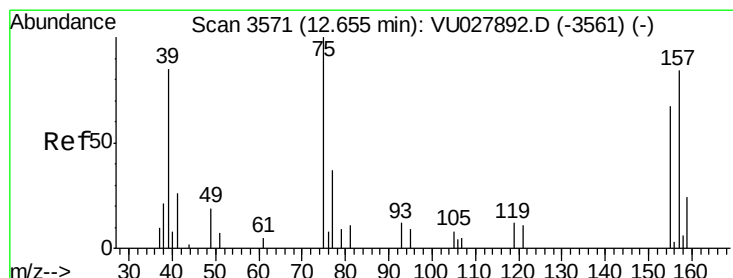
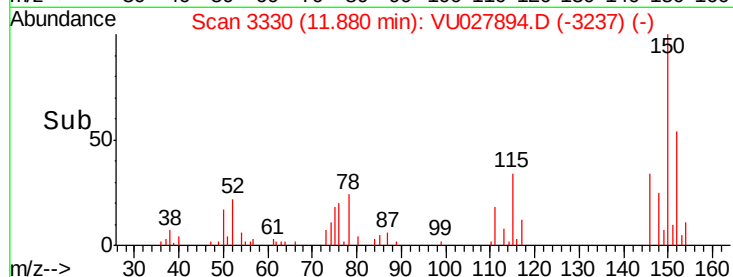
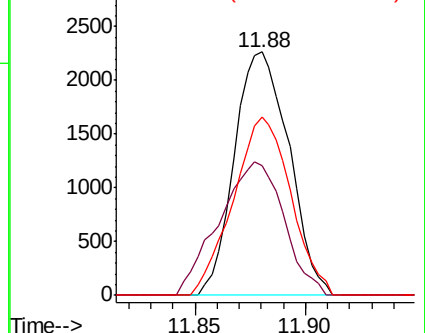
148 73.2 49.2 73.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.377 ug/L

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

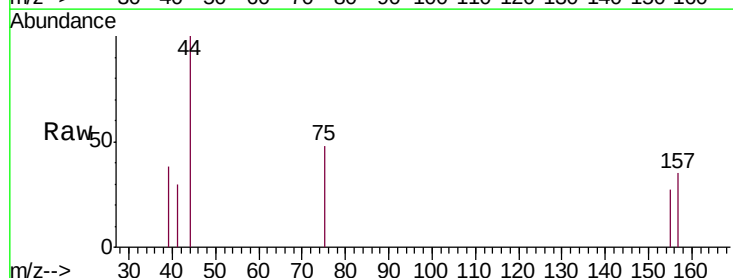
Tgt Ion: 75 Resp: 329

Ion Ratio Lower Upper

75 100

155 56.8 58.6 87.8#

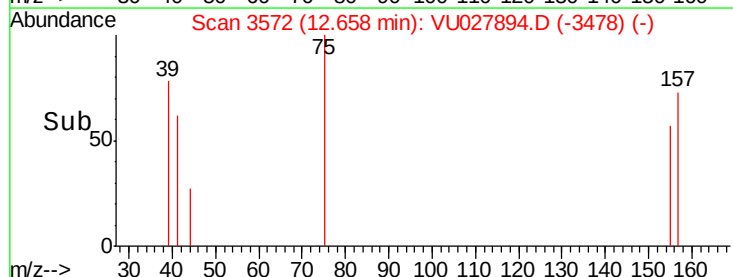
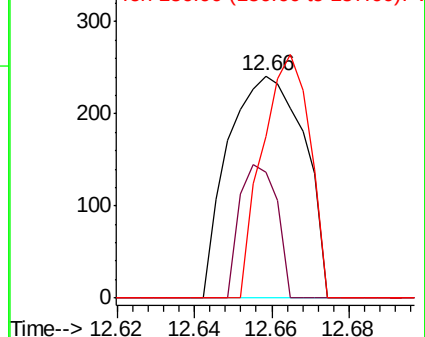
157 73.0 66.7 100.1

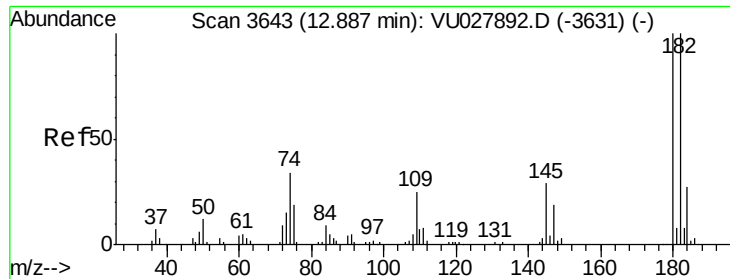


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

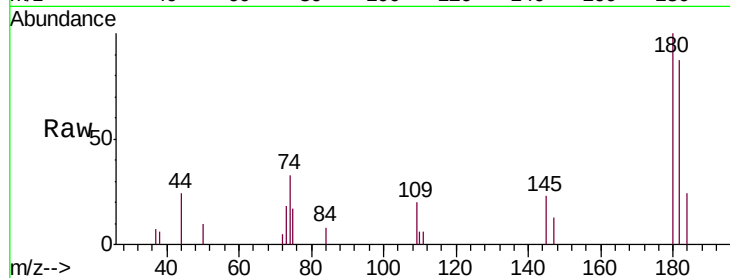




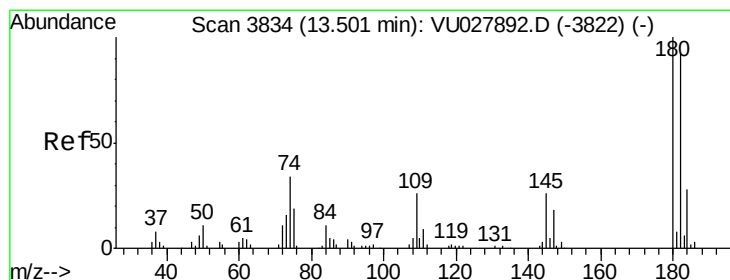
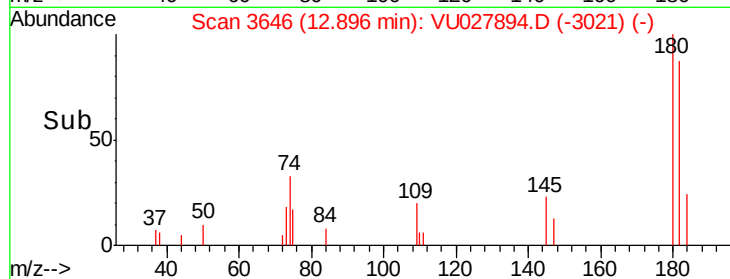
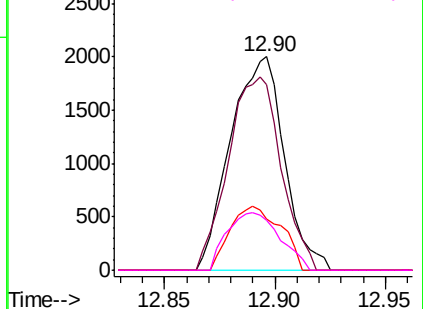
#67
 1,3,5-Trichlorobenzene
 Concen: 0.357 ug/L
 RT: 12.90 min Scan# 3646
 Delta R.T. 0.01 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion:	180	Resp:	3388
Ion	Ratio	Lower	Upper
180	100		
182	88.6	77.3	115.9
184	28.2	24.6	37.0
145	26.5	23.0	34.6

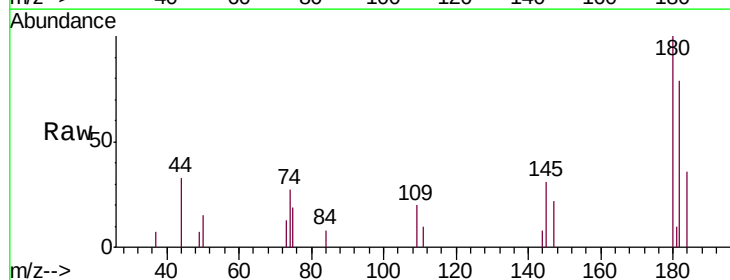


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

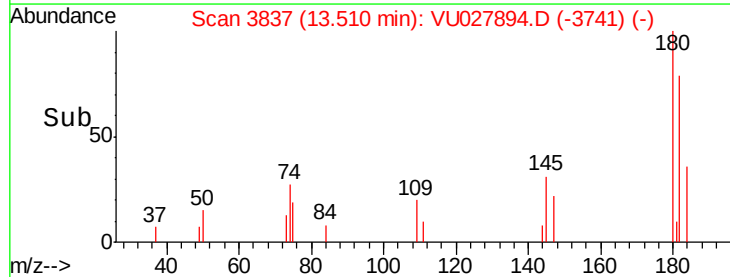
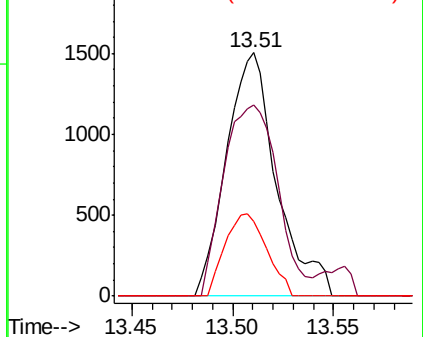


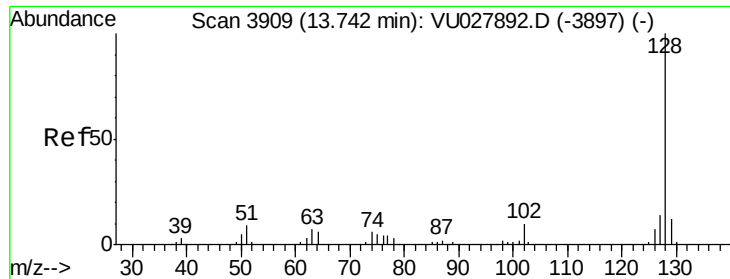
#68
 1,2,4-trichlorobenzene
 Concen: 0.324 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU027894.D
 Acq: 01 Nov 2018 10:49

Tgt Ion:	180	Resp:	2620
Ion	Ratio	Lower	Upper
180	100		
182	85.3	77.8	116.6
145	28.1	22.9	34.3



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.271 ug/L

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

Instrument :

MSVOA_U

ClientSampleId :

MDL01

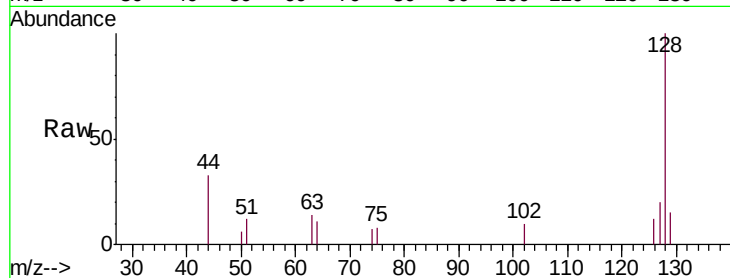
Tgt Ion:128 Resp: 3399

Ion Ratio Lower Upper

128 100

129 8.3 8.6 12.8#

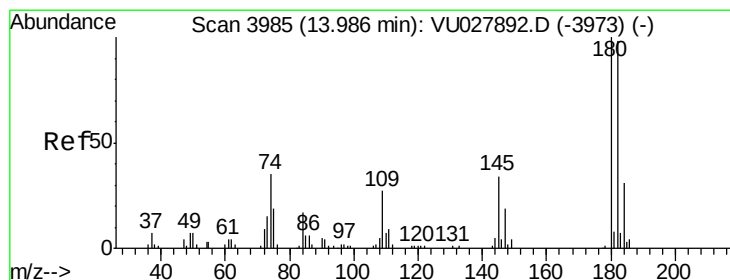
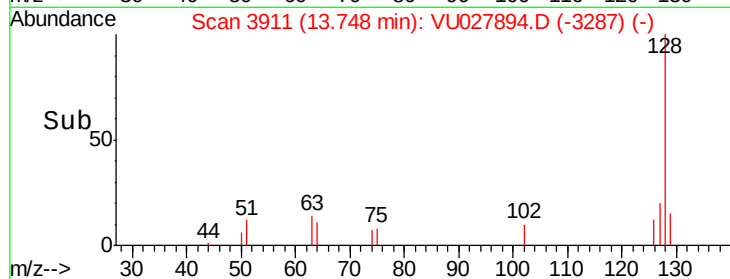
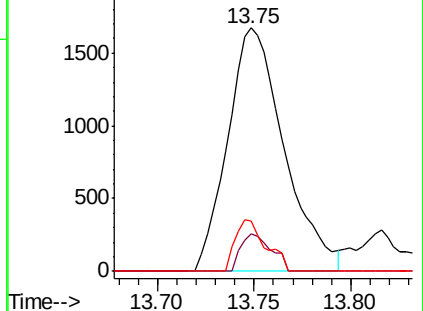
127 11.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.304 ug/L

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU027894.D

Acq: 01 Nov 2018 10:49

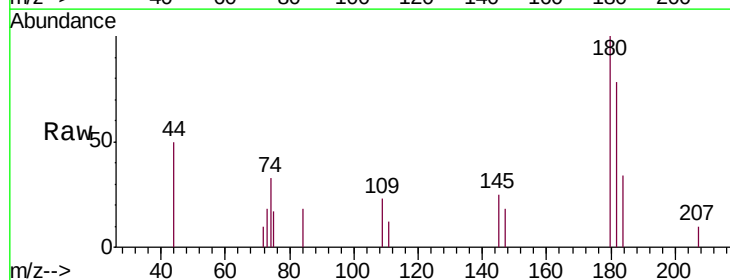
Tgt Ion:180 Resp: 2237

Ion Ratio Lower Upper

180 100

182 96.6 79.4 119.0

145 26.7 25.4 38.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

