

Data File : MDL1.D
Acq On : 01 Nov 2018 13:35
Operator : MD/SY
Sample : MDL1
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 02 08:43:29 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	78795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23663	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.68	69	19479	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.28	63	38203	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.20	46	86978	47.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.72%
24) Chloroform-d	4.65	84	45333	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.31	65	30684	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.34	84	88931	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.33	67	31914	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.57	98	81840	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.85	79	11744	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.31	63	68796	43.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23194	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	31479	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	2463	0.318 ug/L	95
3) Chloromethane	1.33	50	2261	0.294 ug/L	96
5) Vinyl chloride	1.40	62	2511	0.328 ug/L	87
6) Bromomethane	1.63	94	821	0.326 ug/L	89
8) Chloroethane	1.70	64	1719	0.383 ug/L #	82
9) Trichlorofluoromethane	1.89	101	3259	0.320 ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1714	0.330 ug/L #	85
12) 1,1-Dichloroethene	2.29	96	1520	0.311 ug/L #	1
13) Acetone	2.32	43	4245	3.667 ug/L	88
14) Carbon disulfide	2.48	76	4311	0.247 ug/L	98
15) Methyl Acetate	2.62	43	1301	0.420 ug/L #	66
16) Methylene chloride	2.70	84	1919	0.349 ug/L	87
17) Methyl tert-butyl Ether	3.00	73	3817	0.262 ug/L #	77
18) trans-1,2-Dichloroethene	2.99	96	1547	0.297 ug/L	88
19) 1,1-Dichloroethane	3.45	63	3168	0.288 ug/L	96
21) 2-Butanone	4.29	43	6125	3.043 ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	1625	0.270 ug/L	73

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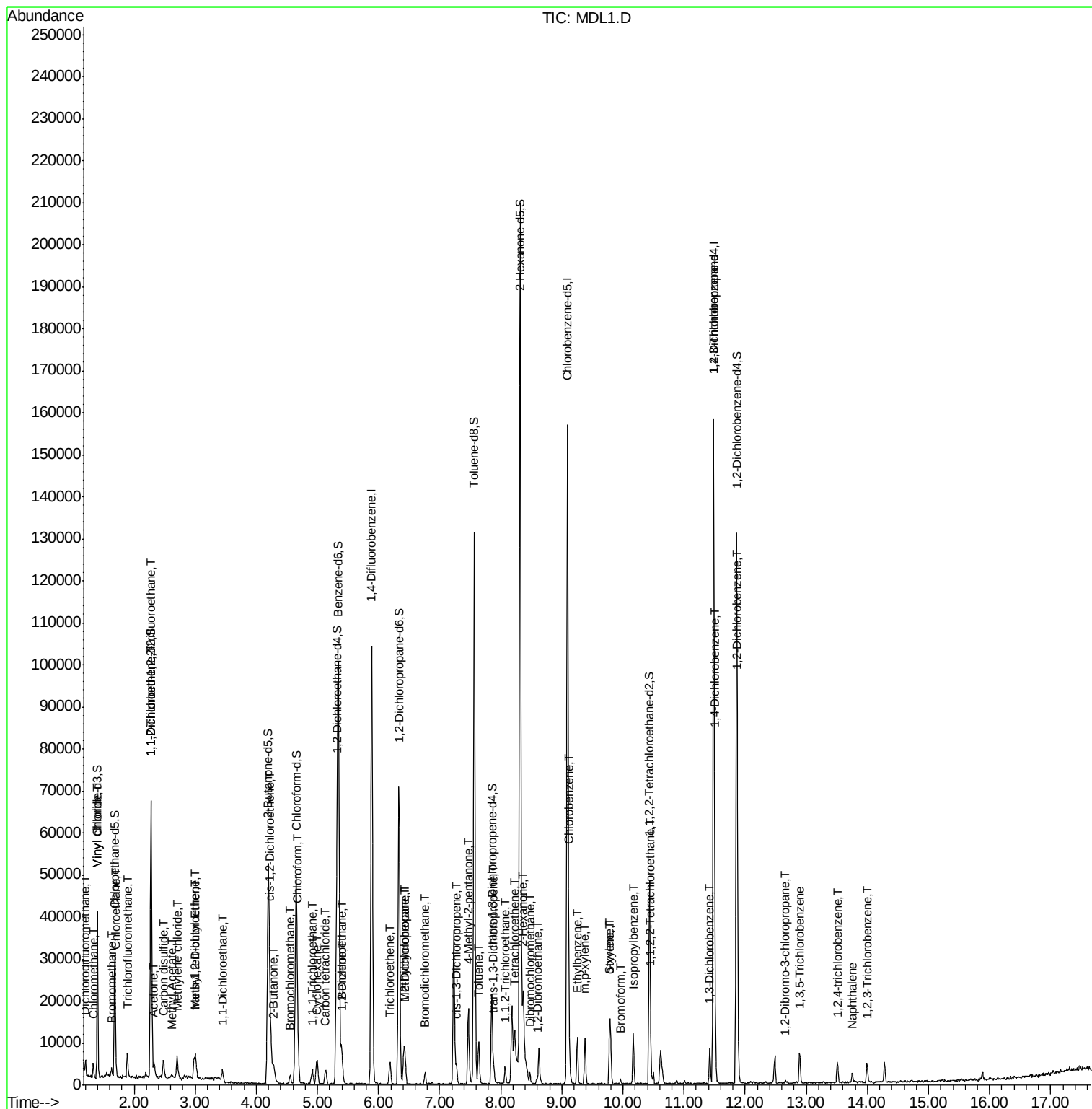
23) Bromochloromethane	4.55	128	671	0.269	ug/L #	74
25) Chloroform	4.68	83	7525	0.676	ug/L	98
27) 1,2-Dichloroethane	5.41	62	2257	0.290	ug/L #	78
29) 1,1,1-Trichloroethane	4.92	97	2768	0.278	ug/L	95
30) Cyclohexane	4.99	56	3172	0.271	ug/L	96
31) Carbon tetrachloride	5.13	117	2439	0.286	ug/L	91
33) Benzene	5.40	78	6837	0.280	ug/L	100
34) Trichloroethene	6.19	95	1785	0.281	ug/L	93
35) Methylcyclohexane	6.41	83	3054	0.282	ug/L	92
37) 1,2-Dichloropropane	6.43	63	1893	0.272	ug/L #	90
38) Bromodichloromethane	6.77	83	2164	0.266	ug/L #	92
39) cis-1,3-Dichloropropene	7.27	75	2698	0.271	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	13875	2.822	ug/L #	89
42) Toluene	7.64	91	7435	0.291	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	2320	0.271	ug/L	99
45) 1,1,2-Trichloroethane	8.08	97	1183	0.276	ug/L	88
47) Tetrachloroethene	8.23	164	1457	0.298	ug/L	83
48) 2-Hexanone	8.37	43	11102	3.133	ug/L	96
49) Dibromochloromethane	8.48	129	1276	0.247	ug/L	88
50) 1,2-Dibromoethane	8.59	107	1044	0.255	ug/L #	74
51) Chlorobenzene	9.12	112	4986	0.315	ug/L	86
52) Ethylbenzene	9.25	91	7982	0.274	ug/L	88
53) m,p-xylene	9.38	106	2880	0.273	ug/L	84
54) o-xylene	9.78	106	2675	0.258	ug/L	74
55) Styrene	9.79	104	4653	0.267	ug/L	95
56) Isopropylbenzene	10.17	105	7803	0.276	ug/L	92
58) 1,1,2,2-Tetrachloroethane	10.46	83	1668	0.299	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	5913	1.402	ug/L	95
61) Bromoform	9.96	173	639	0.229	ug/L #	74
62) 1,3-Dichlorobenzene	11.42	146	3482	0.285	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	3573	0.293	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	3232	0.281	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.65	75	182	0.202	ug/L #	42
67) 1,3,5-Trichlorobenzene	12.88	180	2701	0.275	ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	2234	0.268	ug/L #	91
69) Naphthalene	13.75	128	2451	0.189	ug/L #	89
70) 1,2,3-Trichlorobenzene	13.99	180	1949	0.256	ug/L	96

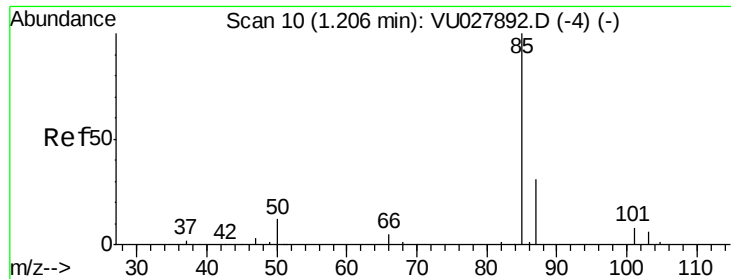
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.318 ug/L

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

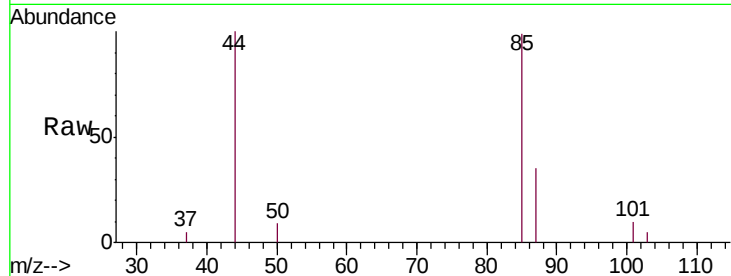
ClientSampleId :

Tgt Ion: 85 Resp: 2463

Ion Ratio Lower Upper

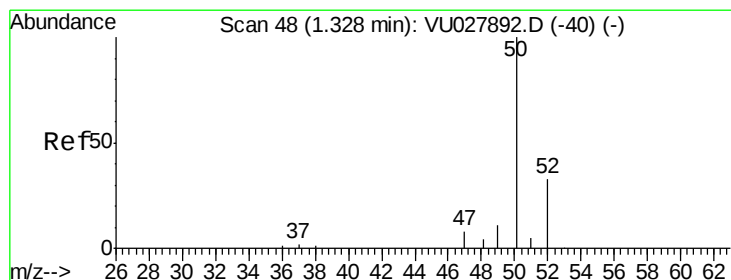
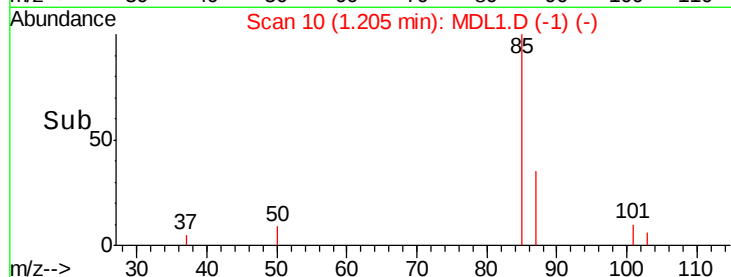
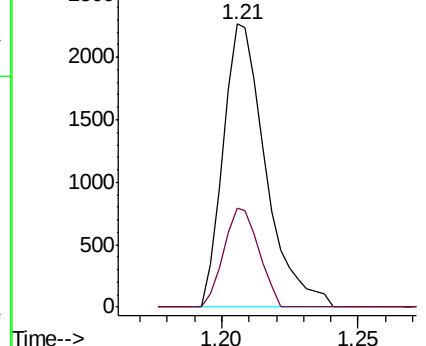
85 100

87 28.9 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): MDL

Ion 87.00 (86.70 to 87.70): MDL



#3

Chloromethane

Concen: 0.294 ug/L

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: MDL1.D

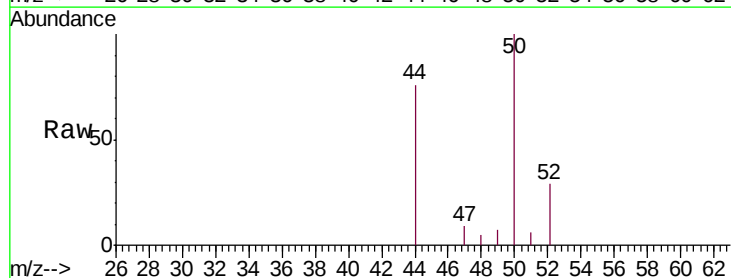
Acq: 01 Nov 2018 13:35

Tgt Ion: 50 Resp: 2261

Ion Ratio Lower Upper

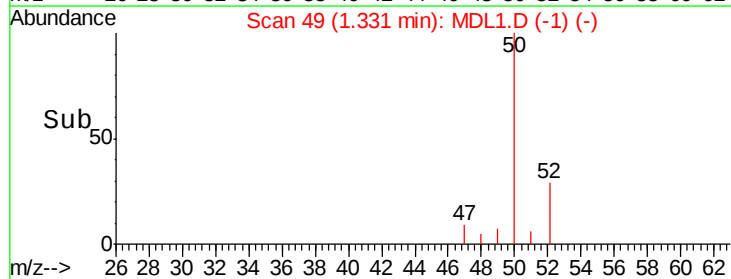
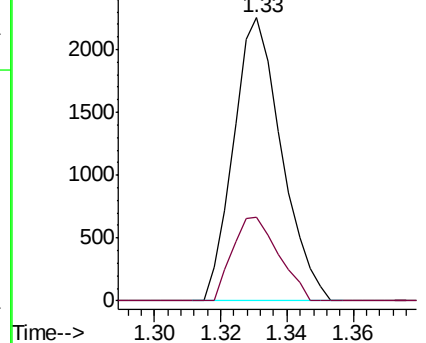
50 100

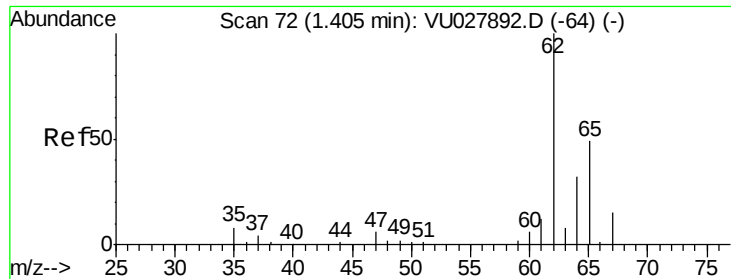
52 29.5 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): MDL

Ion 52.05 (51.75 to 52.75): MDL





#5

Vinyl chloride

Concen: 0.328 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

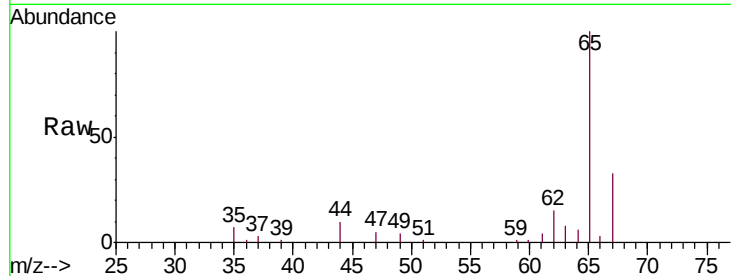
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2511

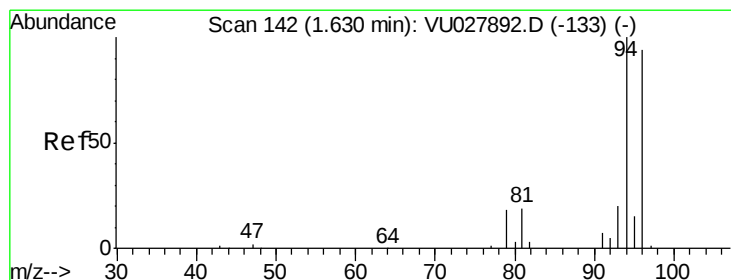
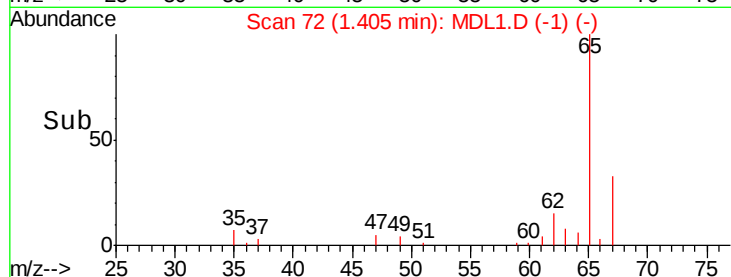
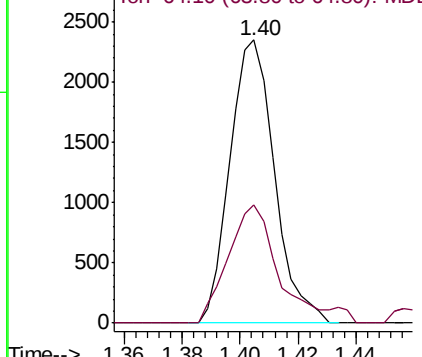
Ion Ratio Lower Upper

62 100

64 41.7 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): MDL
Ion 64.10 (63.80 to 64.80): MDL



#6

Bromomethane

Concen: 0.326 ug/L

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: MDL1.D

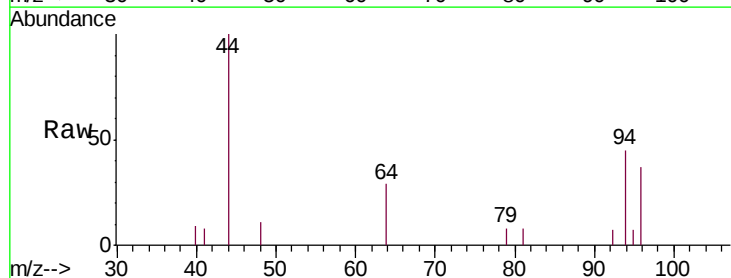
Acq: 01 Nov 2018 13:35

Tgt Ion: 94 Resp: 821

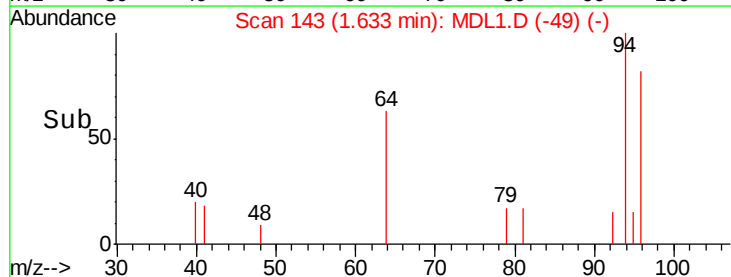
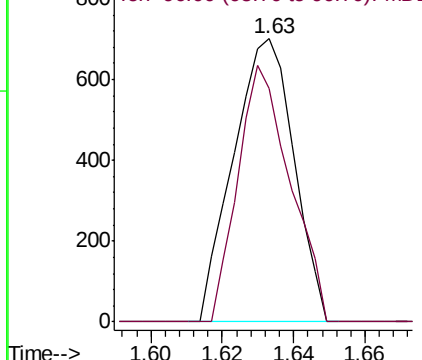
Ion Ratio Lower Upper

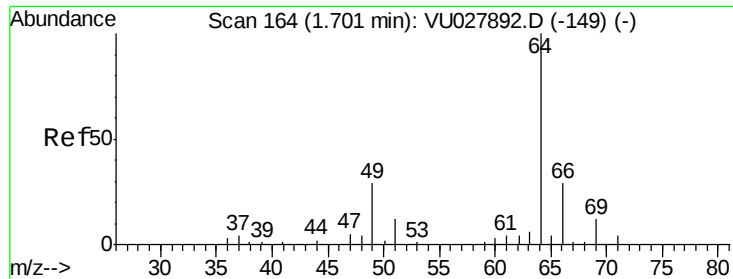
94 100

96 82.5 65.0 120.6



Abundance Ion 94.00 (93.70 to 94.70): MDL
Ion 96.00 (95.70 to 96.70): MDL

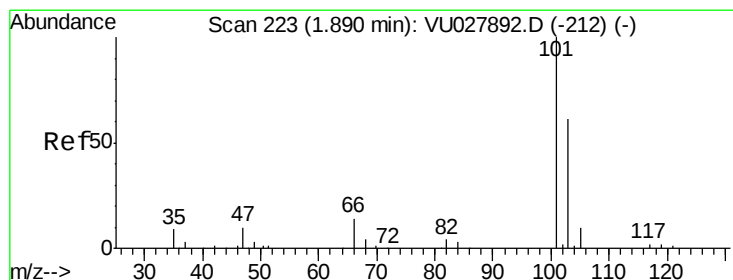
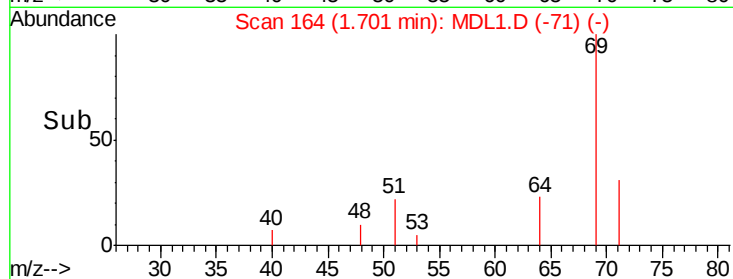
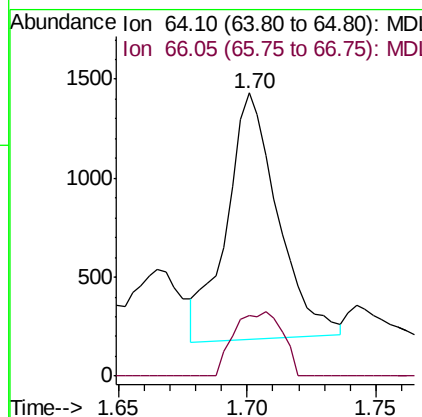
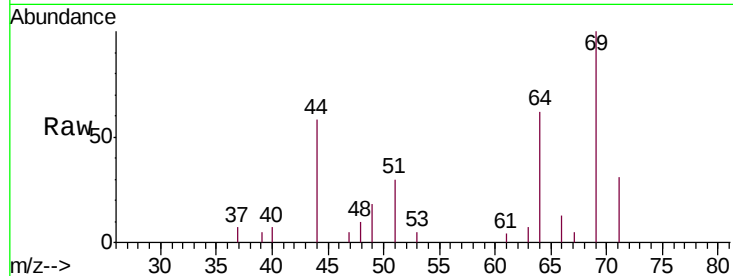




#8
Chloroethane
Concen: 0.383 ug/L
RT: 1.70 min Scan# 164
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

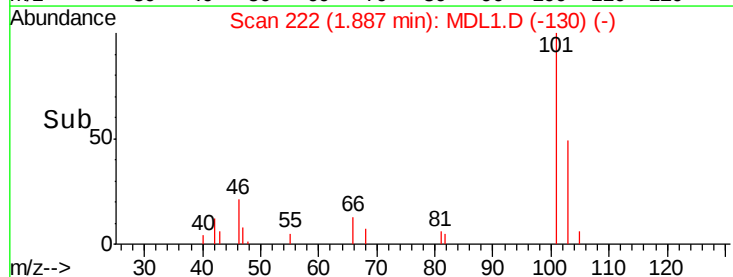
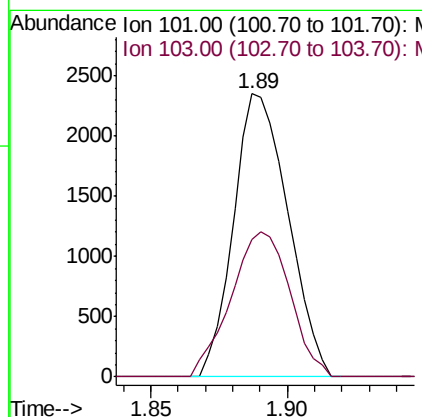
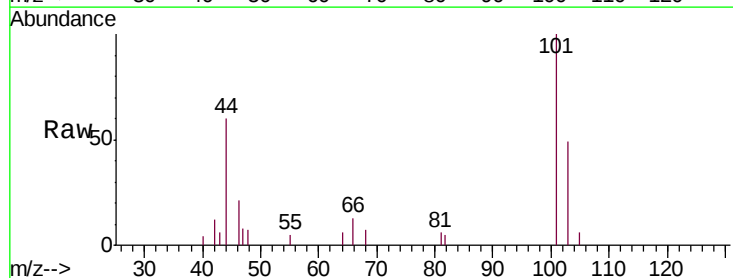
Instrument :
MSVOA_U
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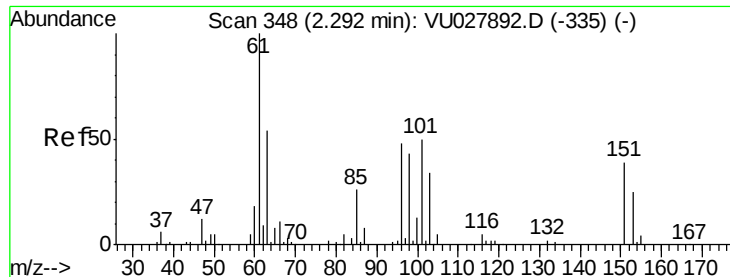
Tgt Ion: 64 Resp: 1719
Ion Ratio Lower Upper
64 100
66 21.4 21.8 40.6#



#9
Trichlorofluoromethane
Concen: 0.320 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 101 Resp: 3259
Ion Ratio Lower Upper
101 100
103 55.4 51.4 77.0





#10

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

Concen: 0.330 ug/L

RT: 2.29 min Scan# 346

Delta R.T. -0.01 min

Lab File: MDL1.D

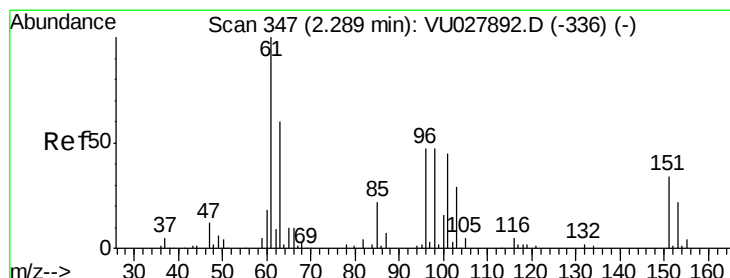
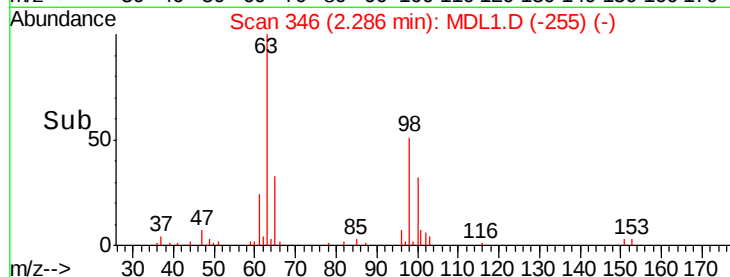
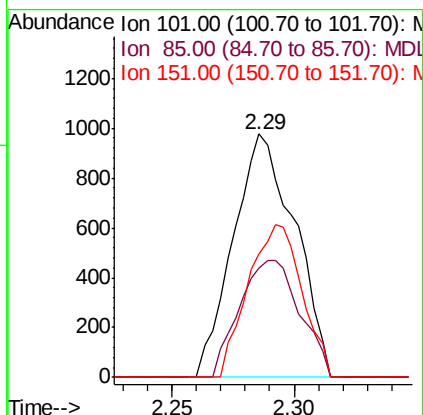
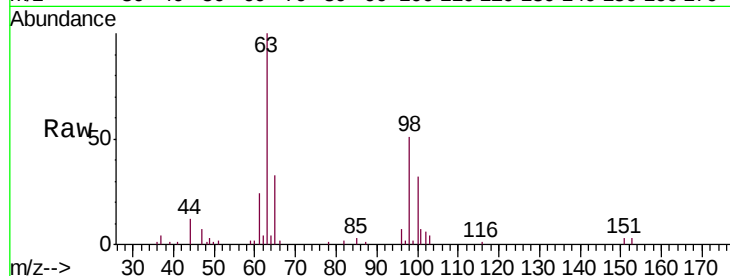
Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

ClientSampled :

Tgt Ion:	101	Resp:	1714
Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.1	55.7
151	54.6	59.9	89.9#



#12

1,1-Dichloroethene

Concen: 0.311 ug/L

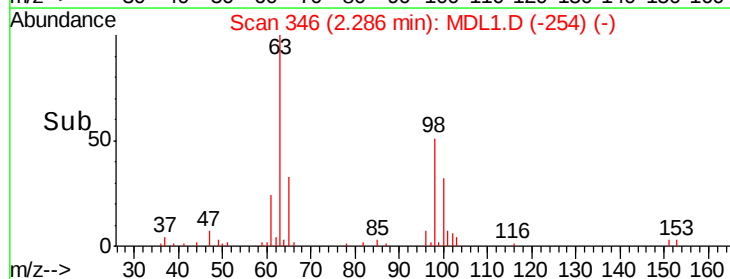
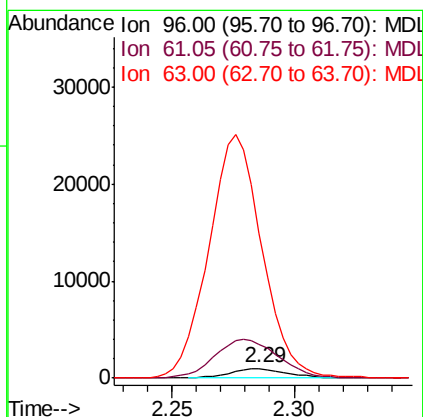
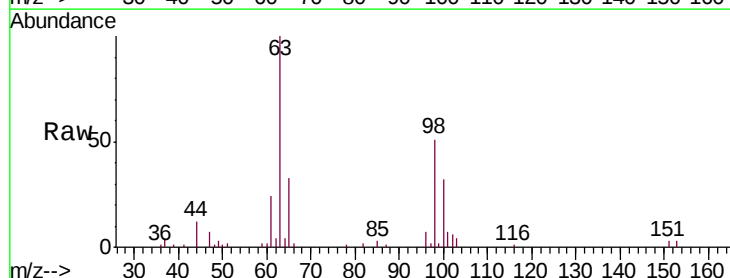
RT: 2.29 min Scan# 346

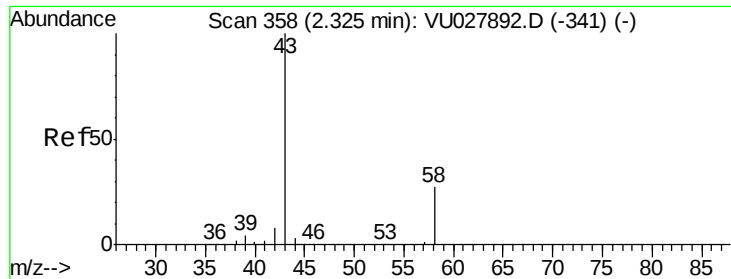
Delta R.T. -0.00 min

Lab File: MDL1.D

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Tgt Ion:	96	Resp:	1520
Ion	Ratio	Lower	Upper
96	100		
61	358.2	141.1	262.1#
63	1523.0	113.0	209.9#





#13

Acetone

Concen: 3.667 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

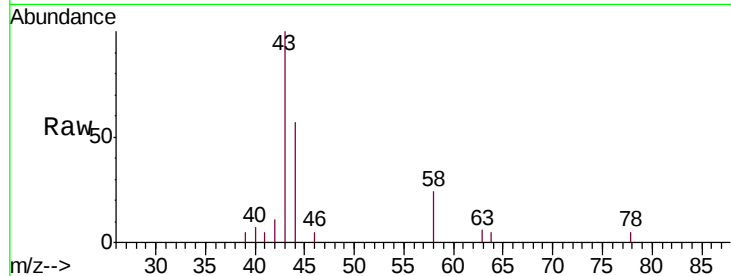
ClientSampled :

Tgt Ion: 43 Resp: 4245

Ion Ratio Lower Upper

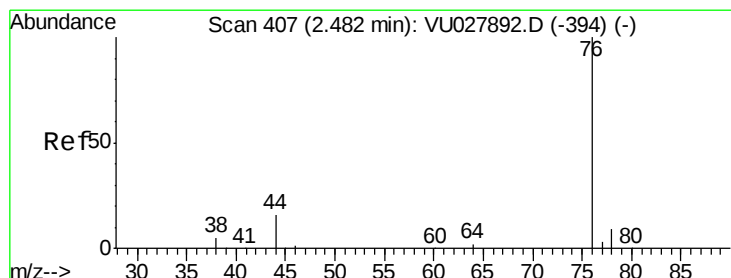
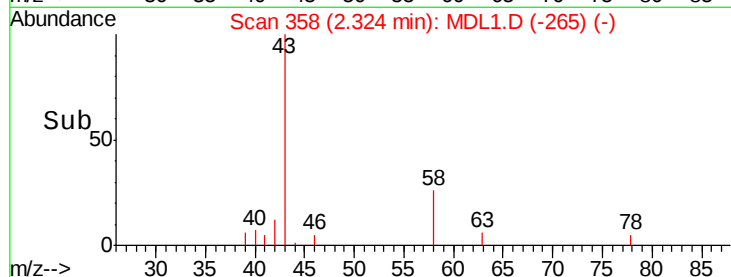
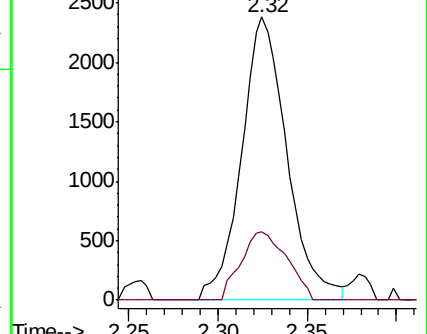
43 100

58 24.4 0.0 61.4



Abundance Ion 43.05 (42.75 to 43.75): MDL

Ion 58.05 (57.75 to 58.75): MDL



#14

Carbon disulfide

Concen: 0.247 ug/L

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: MDL1.D

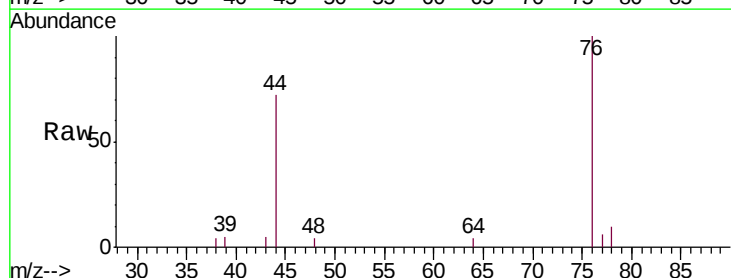
Acq: 01 Nov 2018 13:35

Tgt Ion: 76 Resp: 4311

Ion Ratio Lower Upper

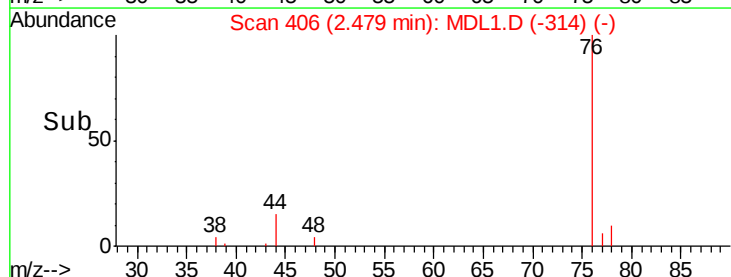
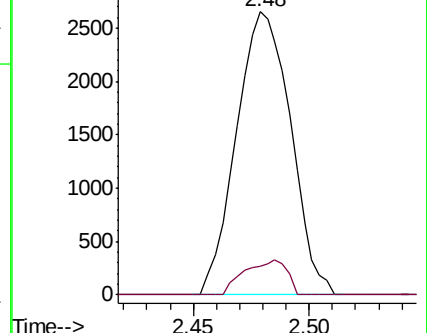
76 100

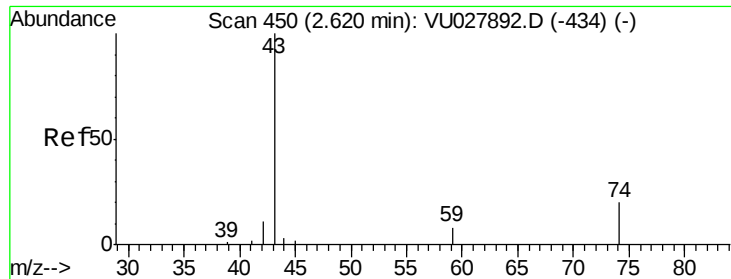
78 10.0 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): MDL

Ion 78.00 (77.70 to 78.70): MDL





#15

Methyl Acetate

Concen: 0.420 ug/L

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

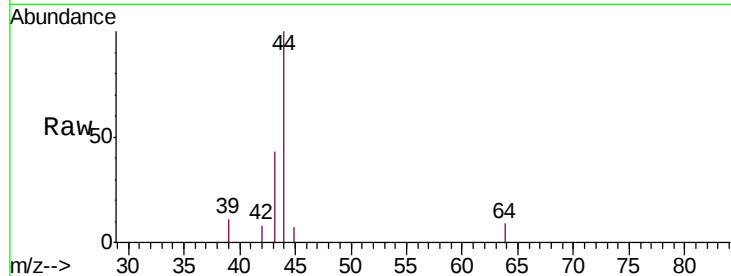
ClientSampleId :

Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

74 3.3 14.9 22.3#



Abundance Ion 43.05 (42.75 to 43.75): MDL

Ion 74.05 (73.75 to 74.75): MDL

2.62

600

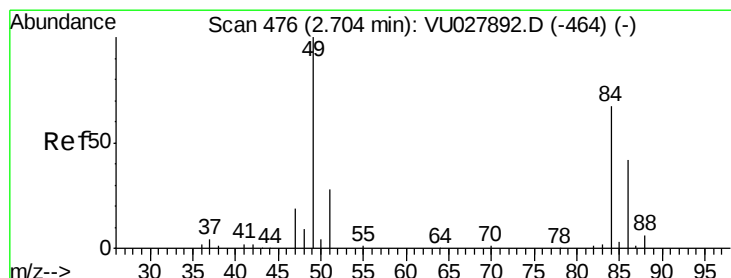
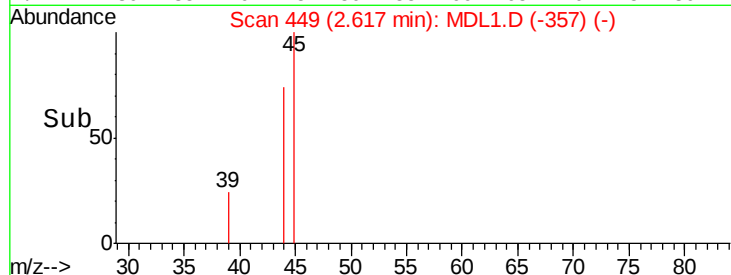
400

200

0

2.60 2.65 2.70

Time-->



#16

Methylene chloride

Concen: 0.349 ug/L

RT: 2.70 min Scan# 476

Delta R.T. -0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

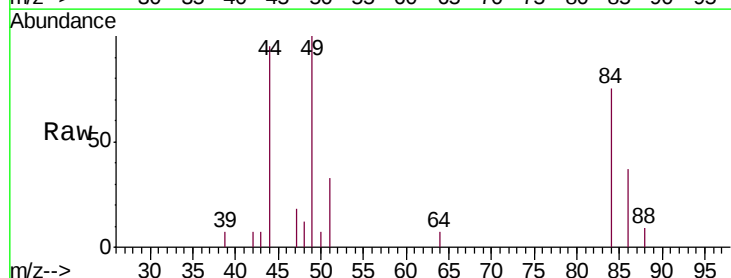
Tgt Ion: 84 Resp: 1919

Ion Ratio Lower Upper

84 100

86 50.0 46.7 86.7

49 133.7 101.3 188.1



Abundance Ion 84.05 (83.75 to 84.75): MDL

Ion 86.00 (85.70 to 86.70): MDL

Ion 49.10 (48.80 to 49.80): MDL

2000

1500

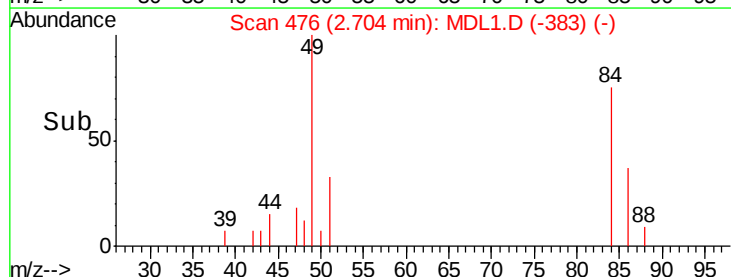
1000

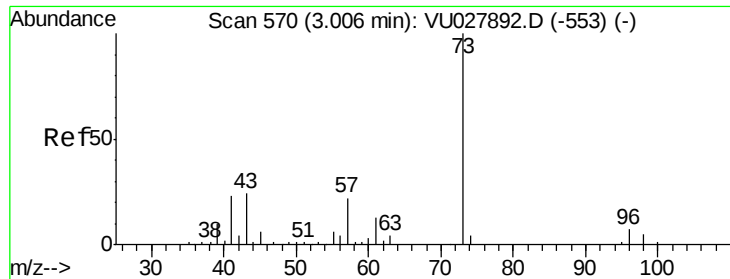
500

0

2.65 2.70 2.75

Time-->



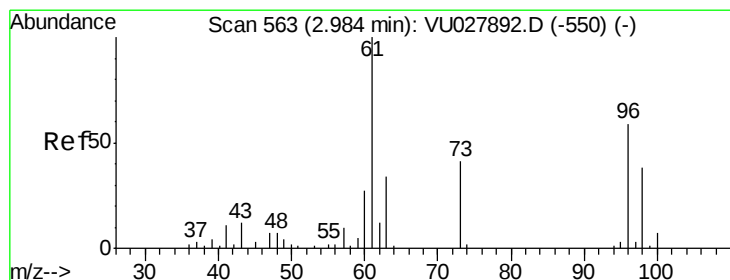
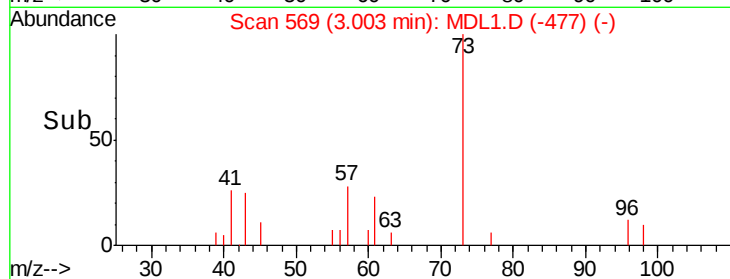
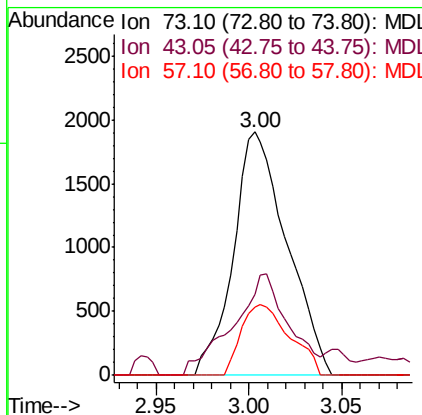
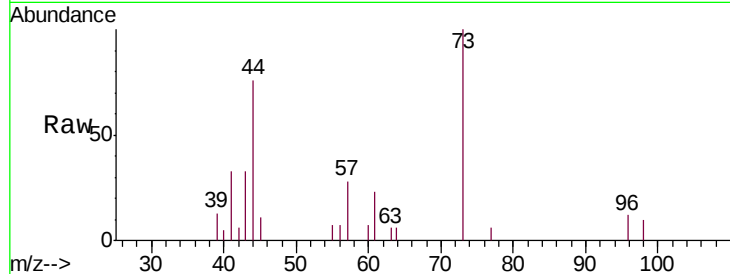


#17

Methyl tert-butyl Ether
 Concen: 0.262 ug/L
 RT: 3.00 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Instrument :
 MSVOA_U
 ClientSampleId :

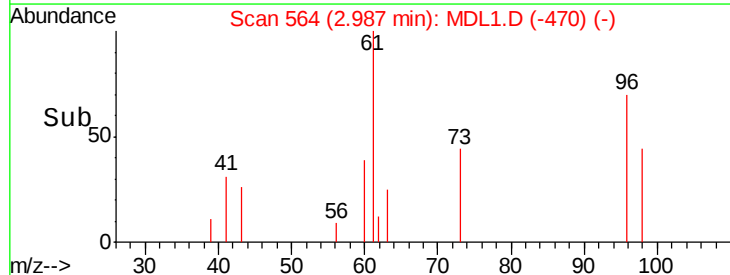
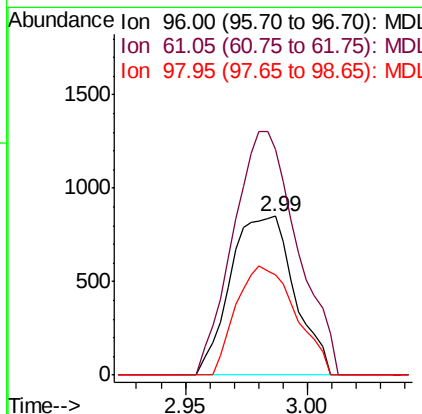
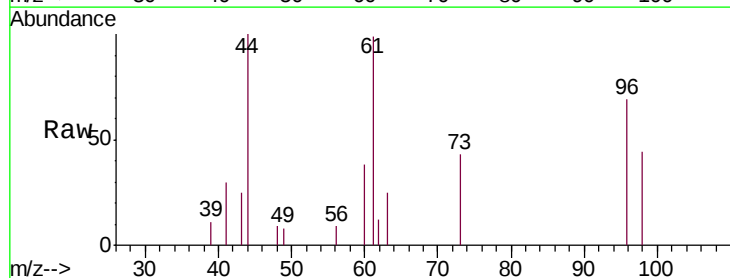
Tgt Ion: 73 Resp: 3817
 Ion Ratio Lower Upper
 73 100
 43 43.3 18.7 28.1#
 57 26.4 18.7 28.1

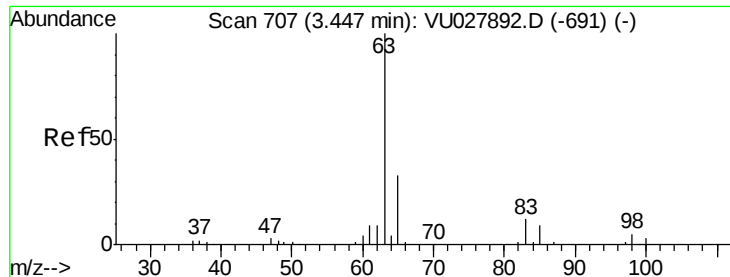


#18

trans-1,2-Dichloroethene
 Concen: 0.297 ug/L
 RT: 2.99 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 96 Resp: 1547
 Ion Ratio Lower Upper
 96 100
 61 142.6 115.2 214.0
 98 62.9 44.0 81.8

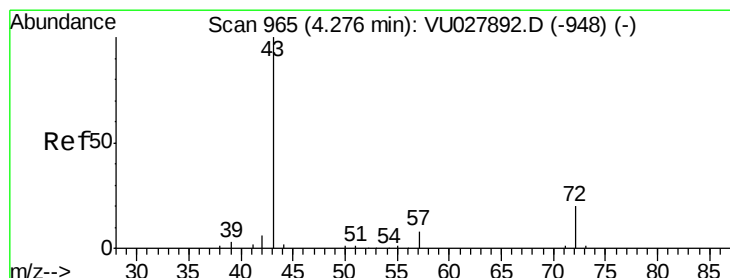
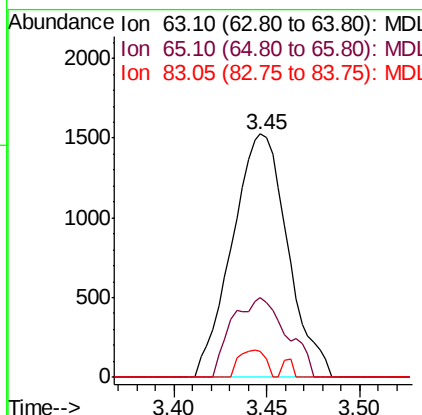
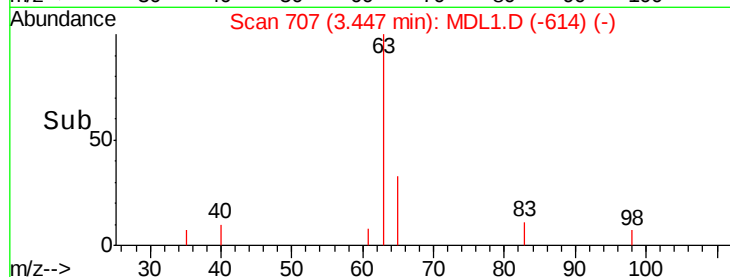
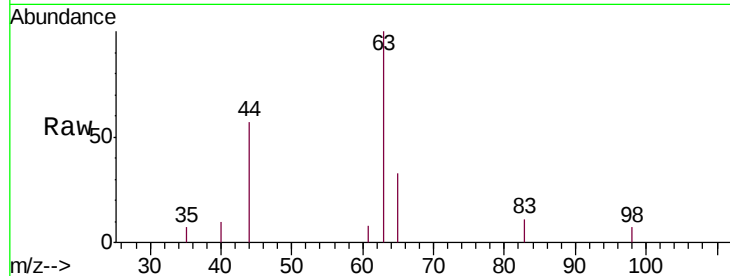




#19
 1,1-Dichloroethane
 Concen: 0.288 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

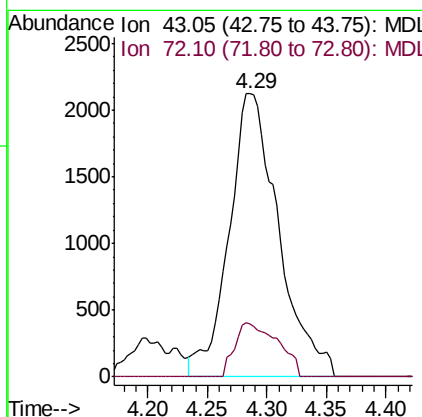
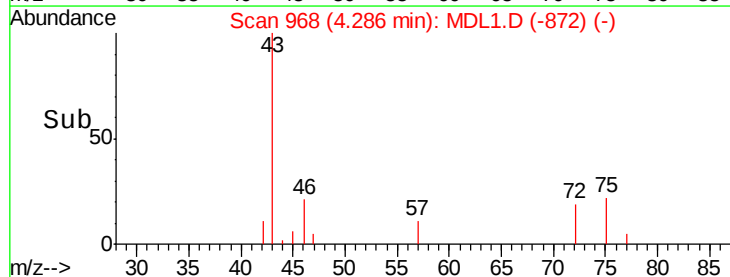
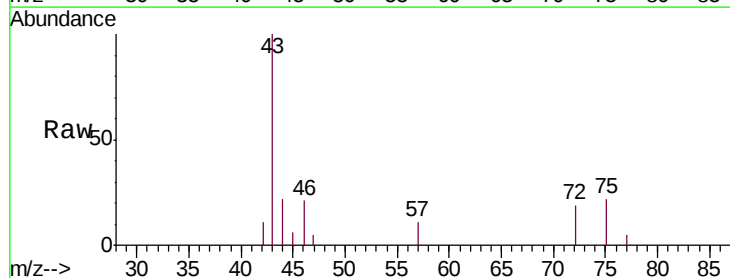
Instrument :
 MSVOA_U
 ClientSampled :

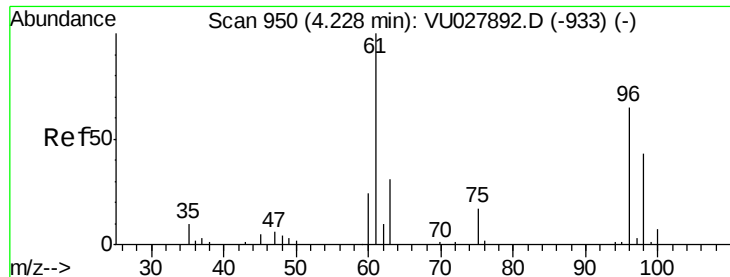
Tgt Ion: 63 Resp: 3168
 Ion Ratio Lower Upper
 63 100
 65 33.0 21.8 40.4
 83 10.8 9.4 17.4



#21
 2-Butanone
 Concen: 3.043 ug/L
 RT: 4.29 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 6125
 Ion Ratio Lower Upper
 43 100
 72 16.5 10.9 32.9



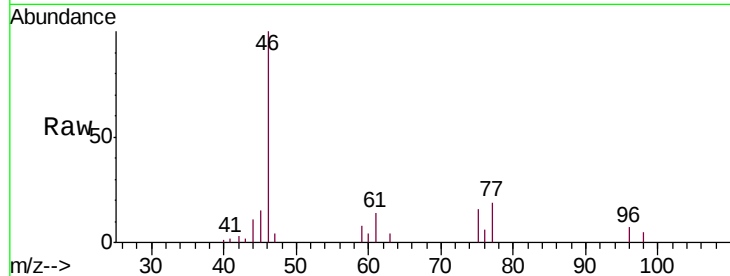


#22

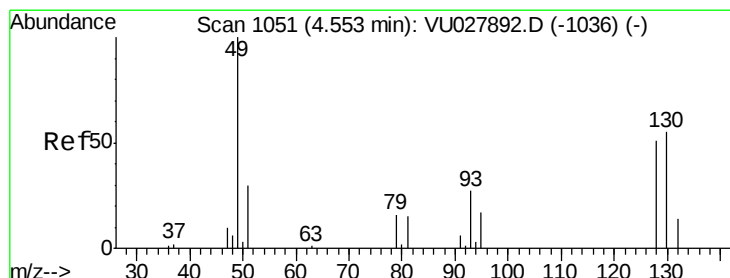
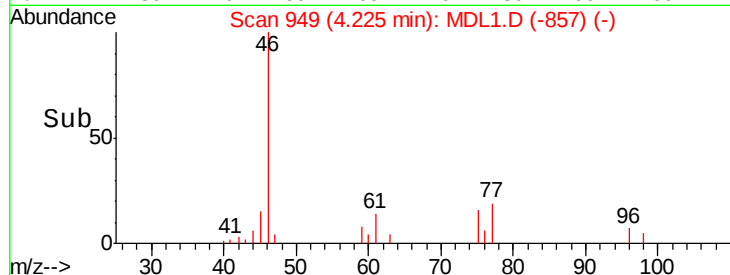
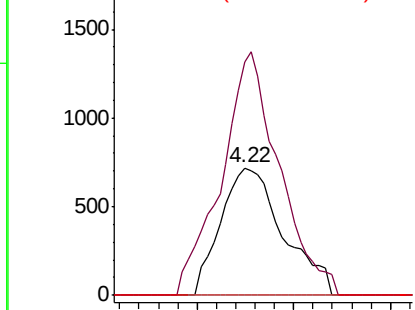
cis-1,2-Dichloroethene
Concen: 0.270 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1625
Ion Ratio Lower Upper
96 100
61 183.1 104.0 193.2
68 0.0 0.0 0.0



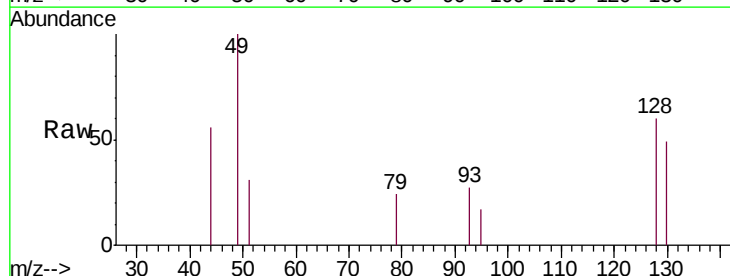
Abundance Ion 96.00 (95.70 to 96.70): MDL
Ion 61.05 (60.75 to 61.75): MDL
Ion 68.15 (67.85 to 68.85): MDL



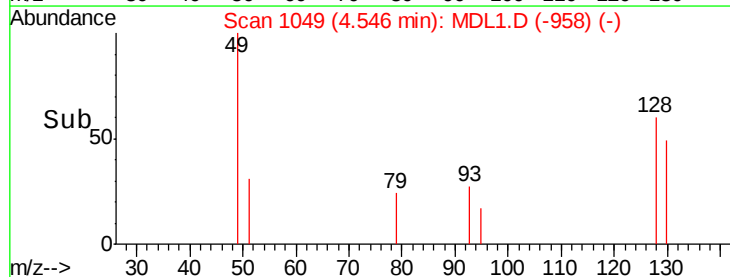
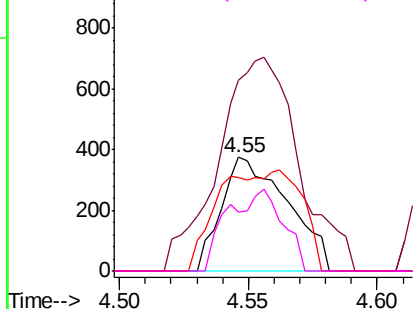
#23

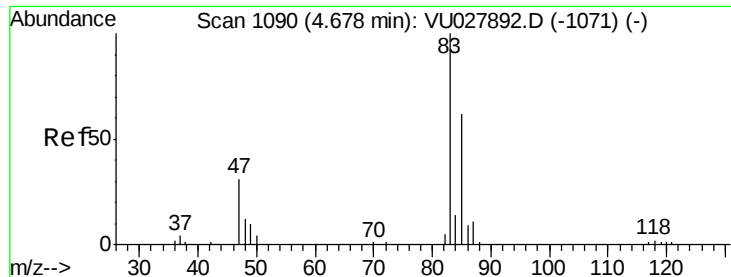
Bromochloromethane
Concen: 0.269 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. -0.01 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 128 Resp: 671
Ion Ratio Lower Upper
128 100
49 167.2 142.0 263.8
130 82.4 86.1 159.9#
51 52.3 50.4 75.6



Abundance Ion 127.90 (127.60 to 128.60): MDL
Ion 49.10 (48.80 to 49.80): MDL
Ion 129.95 (129.65 to 130.65): MDL
Ion 51.05 (50.75 to 51.75): MDL

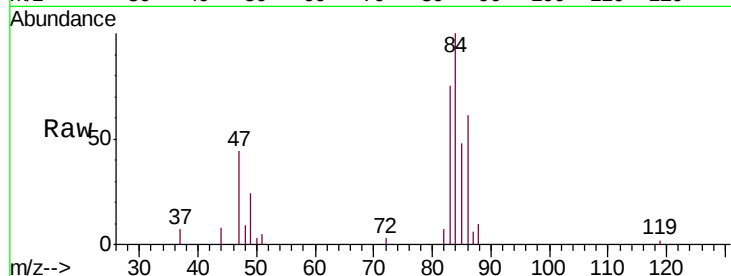




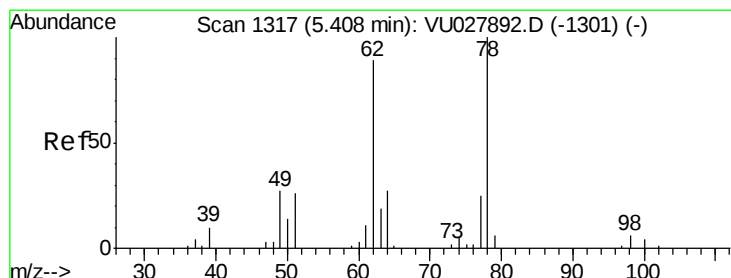
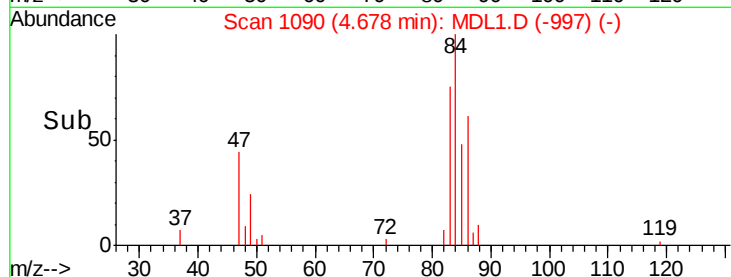
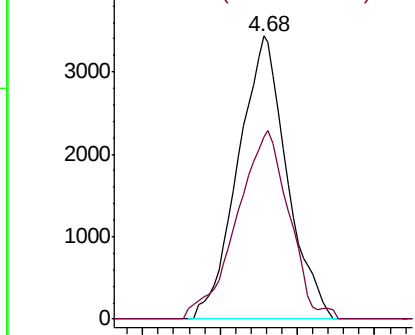
#25
Chloroform
Concen: 0.676 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 7525
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.8

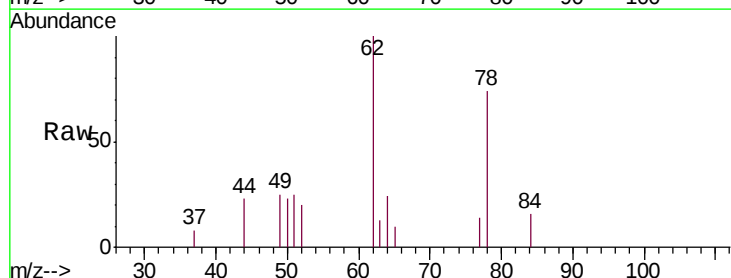


Abundance Ion 83.05 (82.75 to 83.75): MDL
Ion 85.00 (84.70 to 85.70): MDL

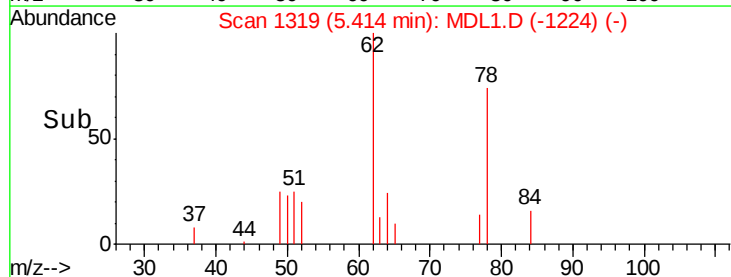
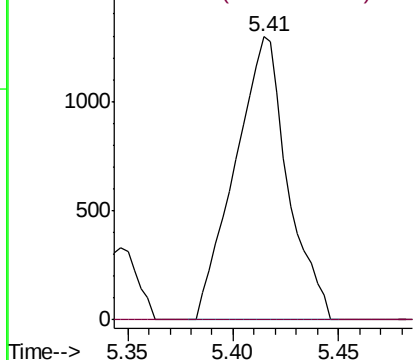


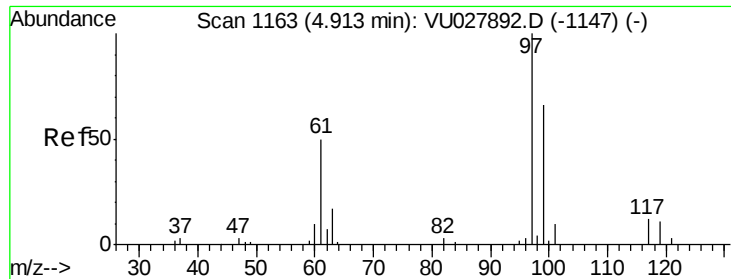
#27
1,2-Dichloroethane
Concen: 0.290 ug/L
RT: 5.41 min Scan# 1319
Delta R.T. 0.01 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 62 Resp: 2257
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): MDL
Ion 98.05 (97.75 to 98.75): MDL

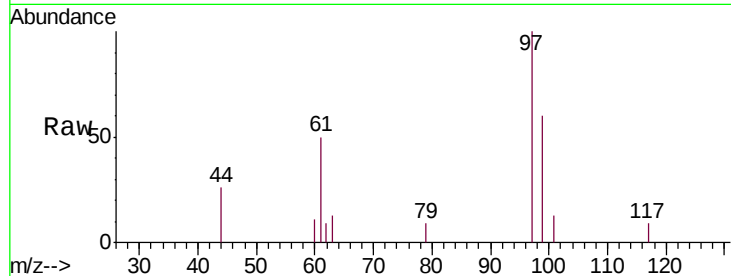




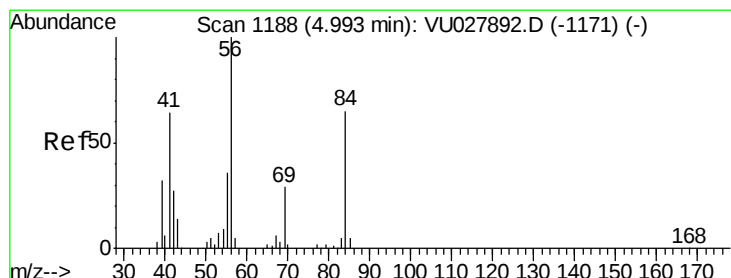
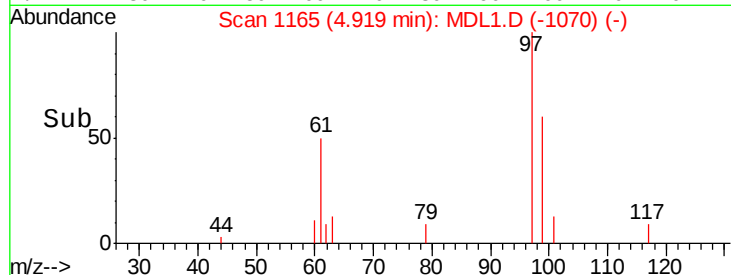
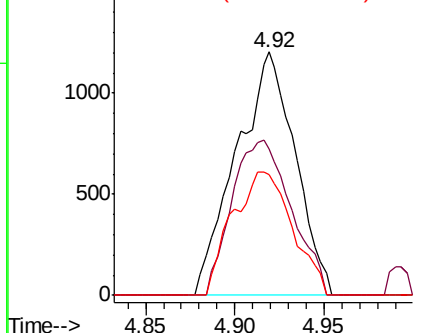
#29
 1,1,1-Trichloroethane
 Concen: 0.278 ug/L
 RT: 4.92 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 2768
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.6 76.0
 61 51.7 35.8 53.6

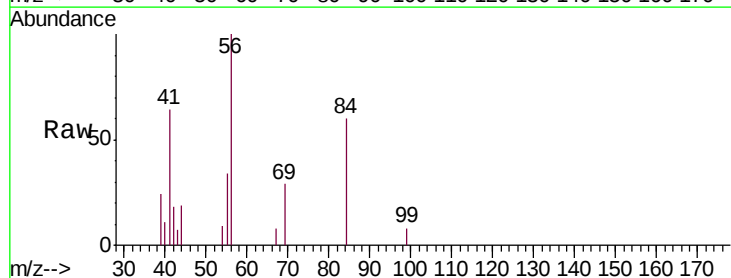


Abundance Ion 96.95 (96.65 to 97.65): MDL
 Ion 99.05 (98.75 to 99.75): MDL
 Ion 61.05 (60.75 to 61.75): MDL

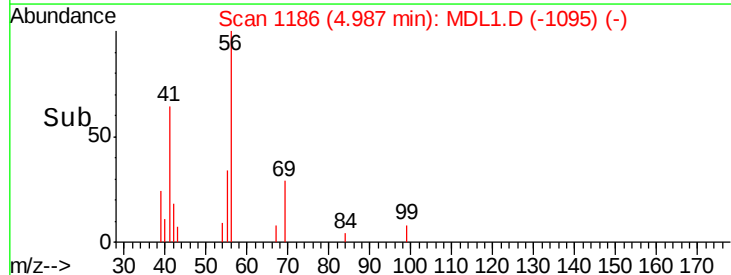
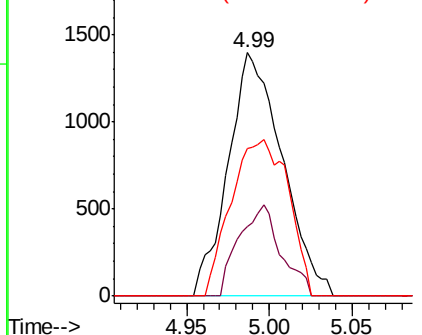


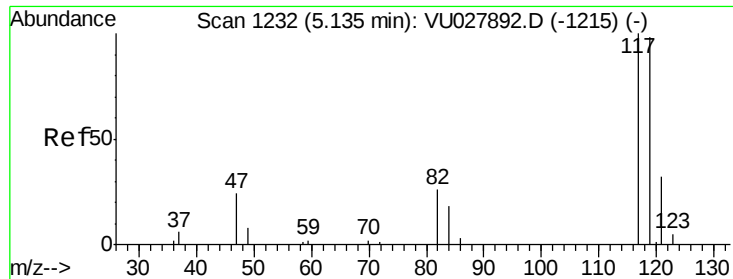
#30
 Cyclohexane
 Concen: 0.271 ug/L
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 56 Resp: 3172
 Ion Ratio Lower Upper
 56 100
 69 28.8 22.7 34.1
 84 67.8 58.1 87.1



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

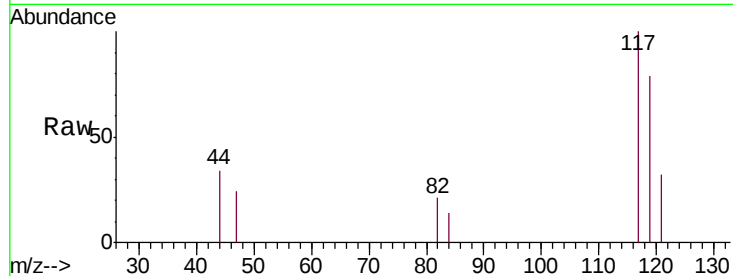




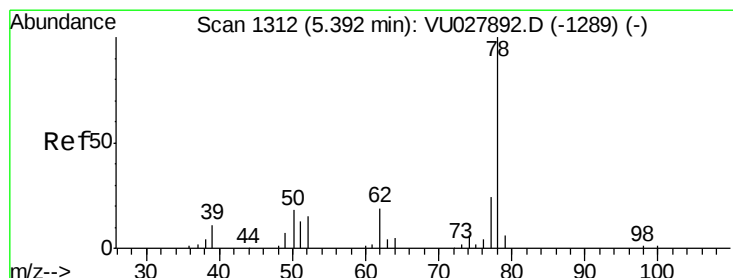
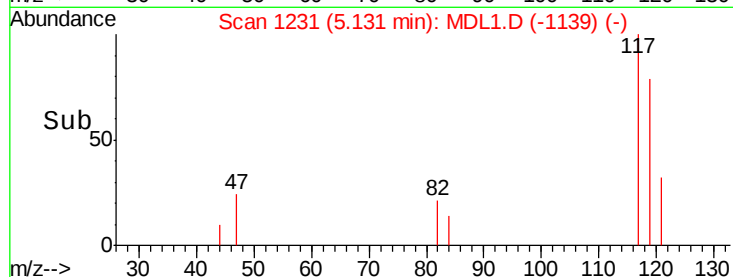
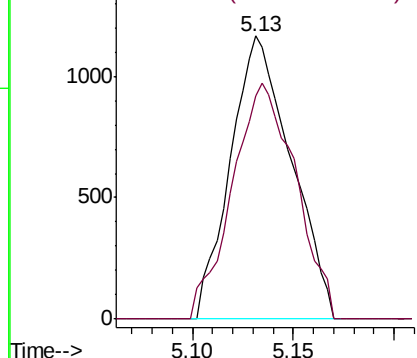
#31
Carbon tetrachloride
Concen: 0.286 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 117 Resp: 2439
Ion Ratio Lower Upper
117 100
119 87.3 77.1 115.7

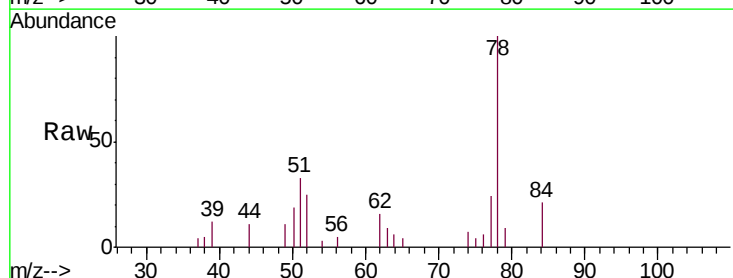


Abundance Ion 116.90 (116.60 to 117.60): M
Ion 118.90 (118.60 to 119.60): M

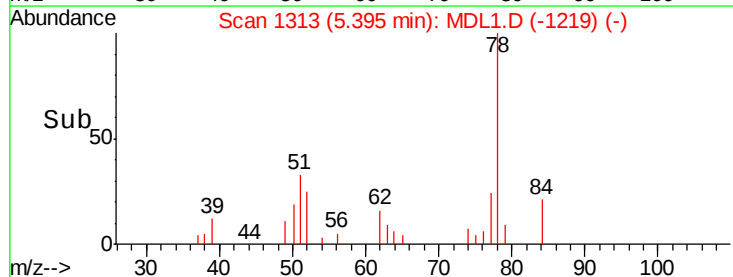
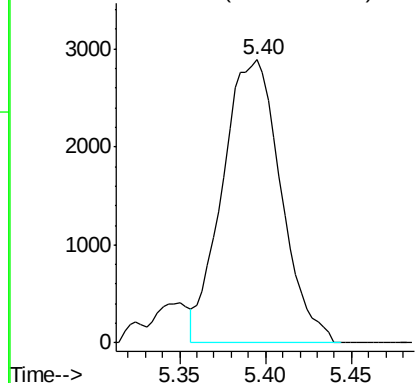


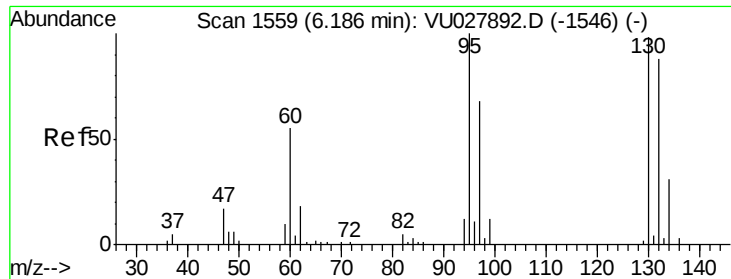
#33
Benzene
Concen: 0.280 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 78 Resp: 6837



Abundance Ion 78.10 (77.80 to 78.80): MDL

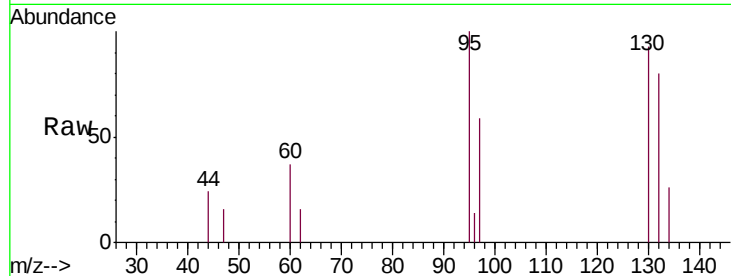




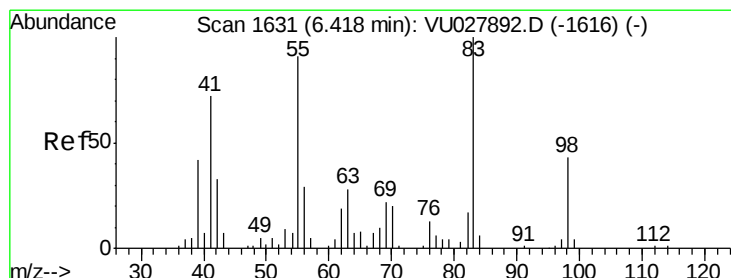
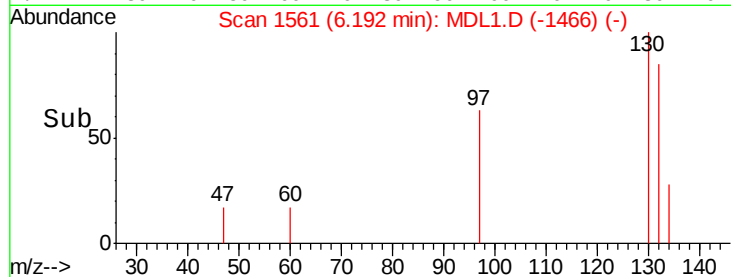
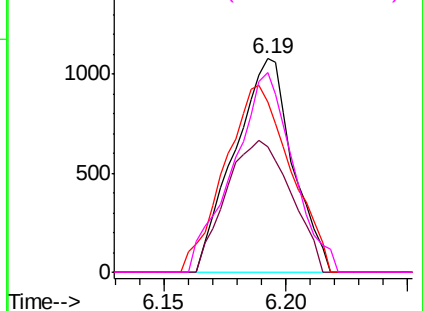
#34
 Trichloroethene
 Concen: 0.281 ug/L
 RT: 6.19 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 95 Resp: 1785
 Ion Ratio Lower Upper
 95 100
 97 58.8 44.0 81.6
 132 79.7 63.3 117.5
 130 93.4 63.1 117.3

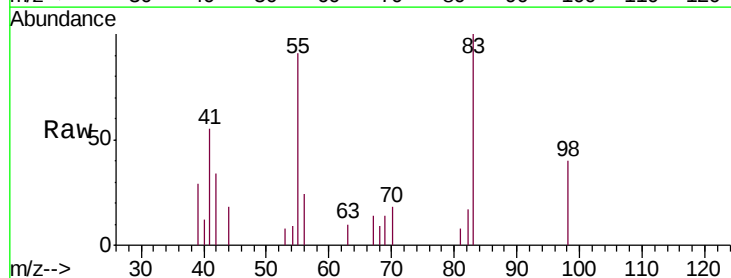


Abundance Ion 95.00 (94.70 to 95.70): MDL
 Ion 96.95 (96.65 to 97.65): MDL
 Ion 131.95 (131.65 to 132.65): N
 Ion 129.95 (129.65 to 130.65): N

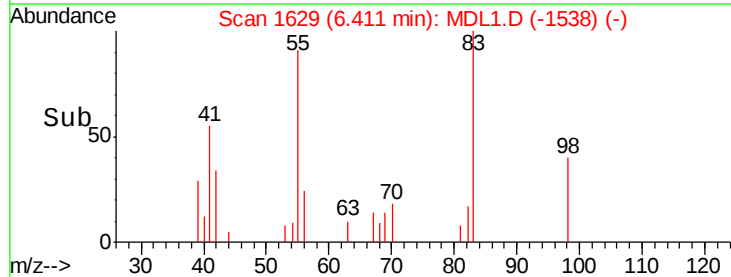
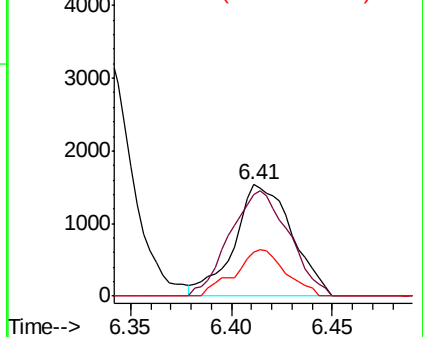


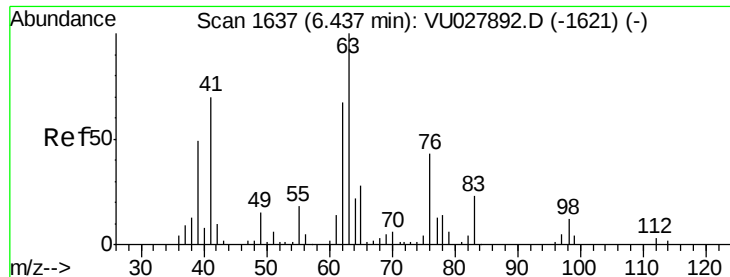
#35
 Methylcyclohexane
 Concen: 0.282 ug/L
 RT: 6.41 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 83 Resp: 3054
 Ion Ratio Lower Upper
 83 100
 55 97.2 73.4 110.0
 98 36.4 35.3 52.9



Abundance Ion 83.15 (82.85 to 83.85): MDL
 Ion 55.10 (54.80 to 55.80): MDL
 Ion 98.15 (97.85 to 98.85): MDL

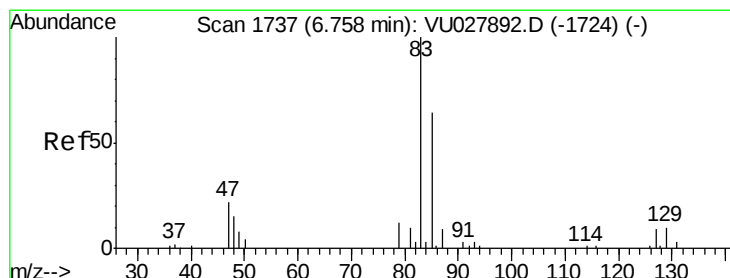
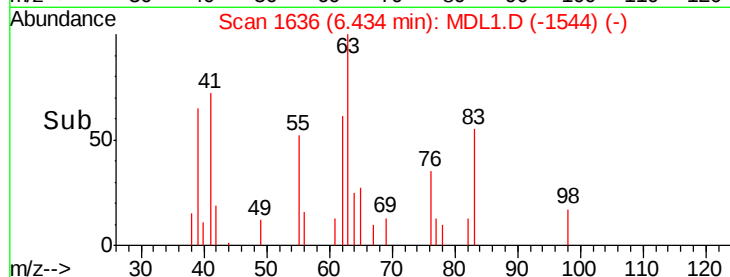
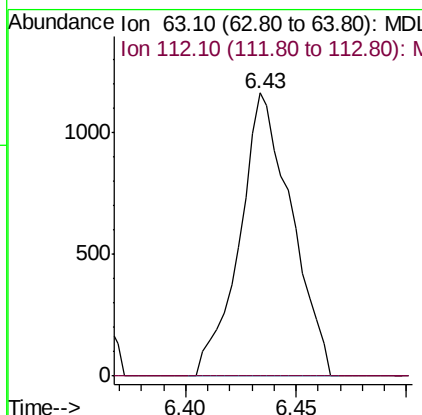
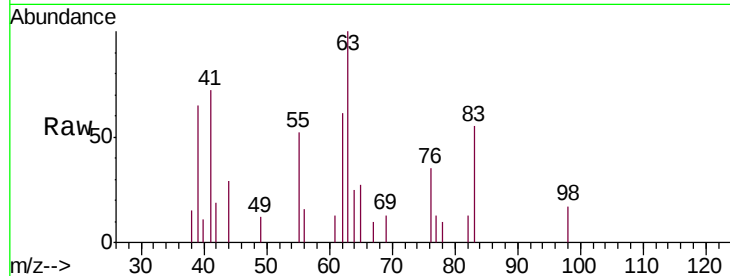




#37
 1,2-Dichloropropane
 Concen: 0.272 ug/L
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

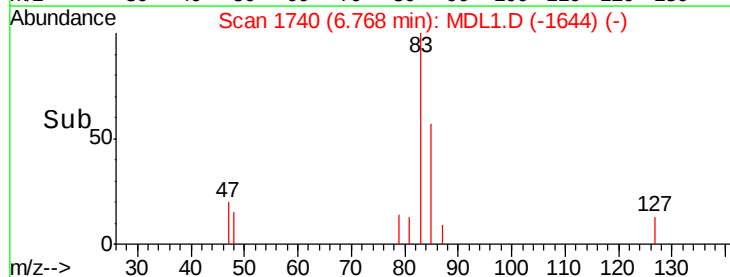
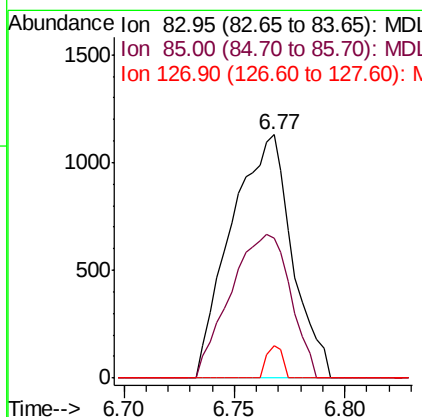
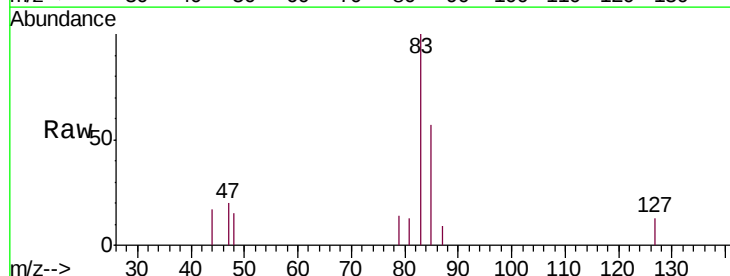
Instrument :
 MSVOA_U
 ClientSampleId :

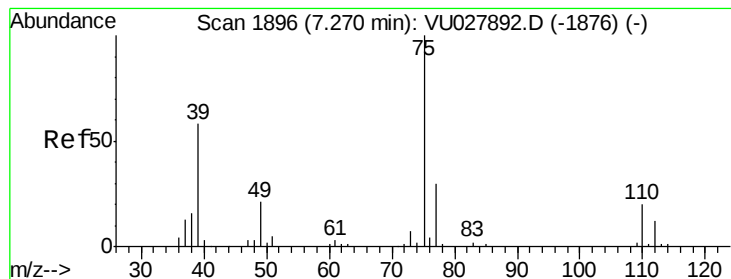
Tgt Ion: 63 Resp: 1893
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#38
 Bromodichloromethane
 Concen: 0.266 ug/L
 RT: 6.77 min Scan# 1740
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 83 Resp: 2164
 Ion Ratio Lower Upper
 83 100
 85 57.3 43.8 81.4
 127 13.3 6.4 9.6#



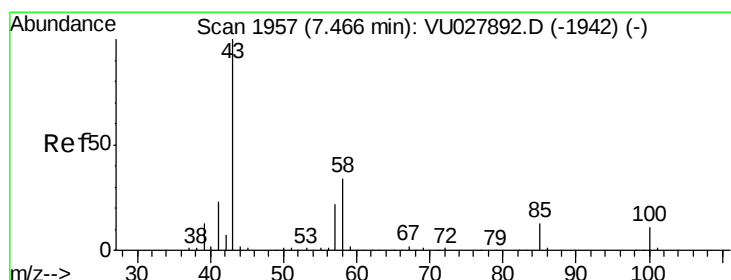
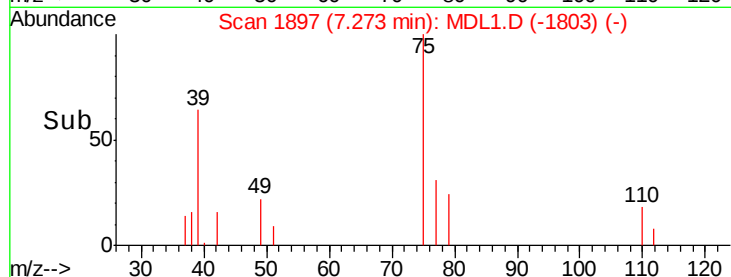
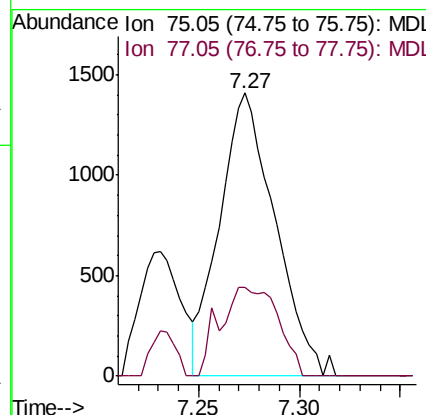
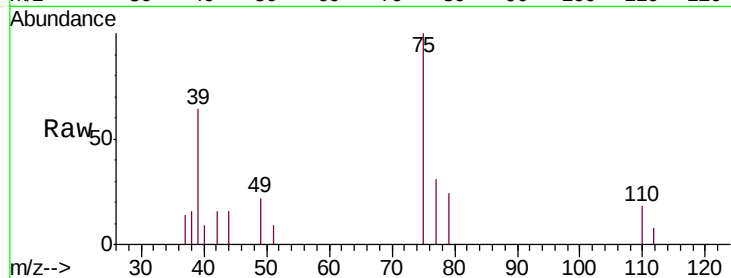


#39

cis-1,3-Dichloropropene
 Concen: 0.271 ug/L
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Instrument :
 MSVOA_U
 ClientSampleId :

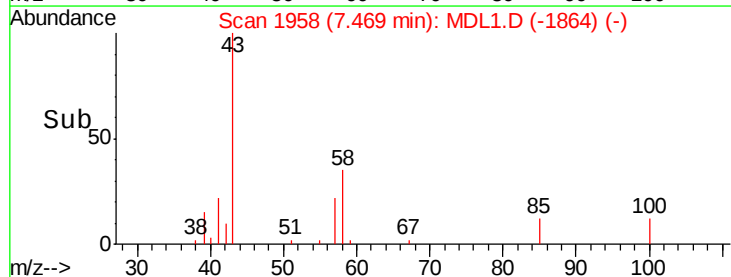
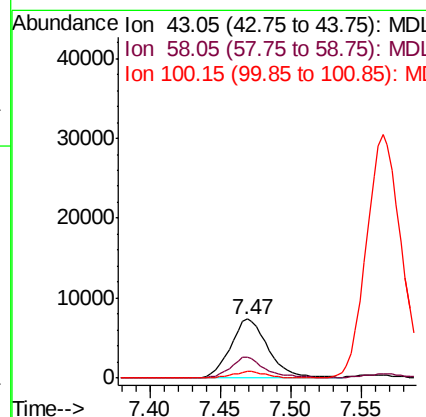
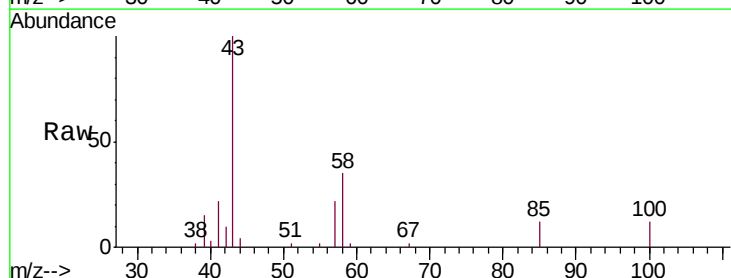
Tgt Ion: 75 Resp: 2698
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.2 41.2

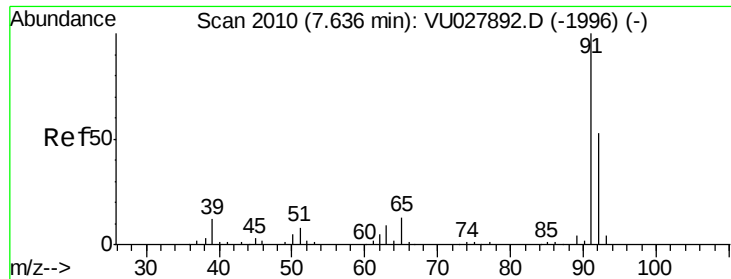


#40

4-Methyl-2-pentanone
 Concen: 2.822 ug/L
 RT: 7.47 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 13875
 Ion Ratio Lower Upper
 43 100
 58 32.2 28.5 42.7
 100 0.0 8.8 13.2#





#42

Toluene

Concen: 0.291 ug/L

RT: 7.64 min Scan# 2012

Delta R.T. 0.01 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

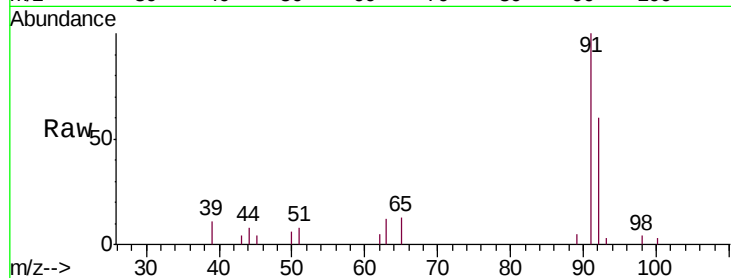
ClientSampleId :

Tgt Ion: 91 Resp: 7435

Ion Ratio Lower Upper

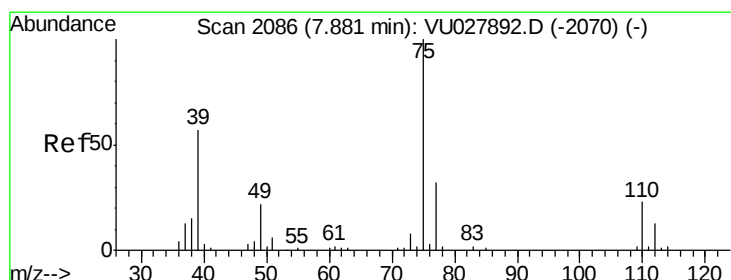
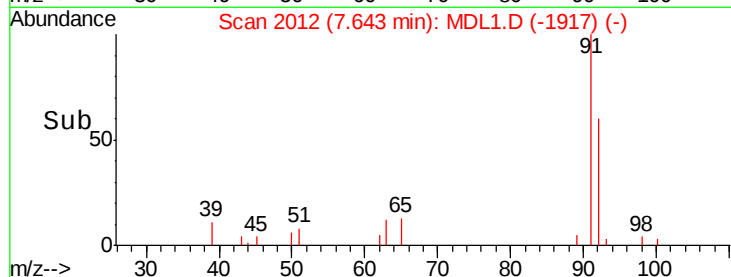
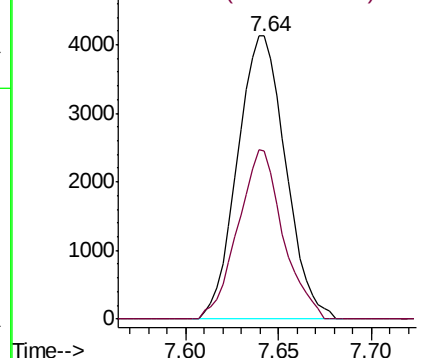
91 100

92 59.5 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): MDL

Ion 92.15 (91.85 to 92.85): MDL



#44

trans-1,3-Dichloropropene

Concen: 0.271 ug/L

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: MDL1.D

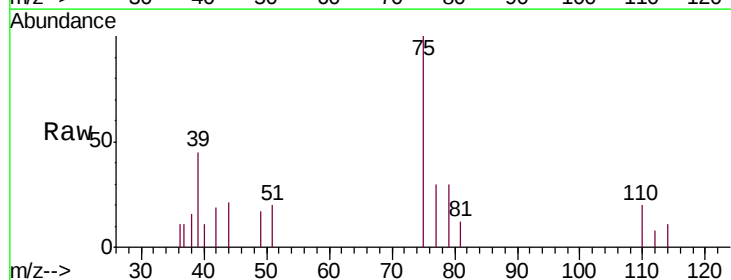
Acq: 01 Nov 2018 13:35

Tgt Ion: 75 Resp: 2320

Ion Ratio Lower Upper

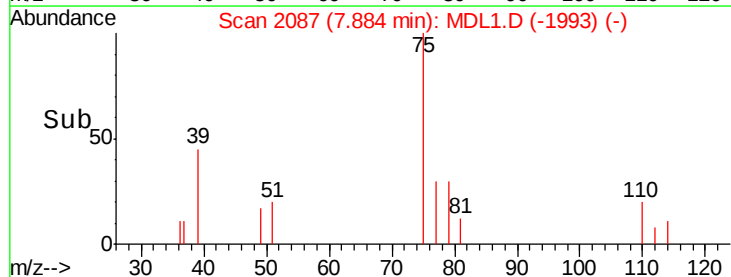
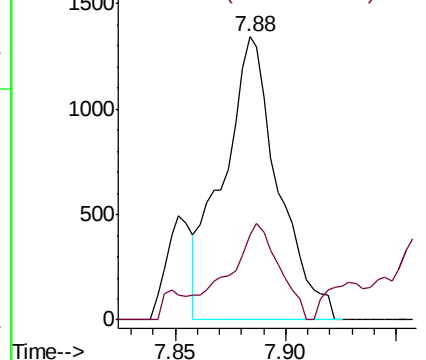
75 100

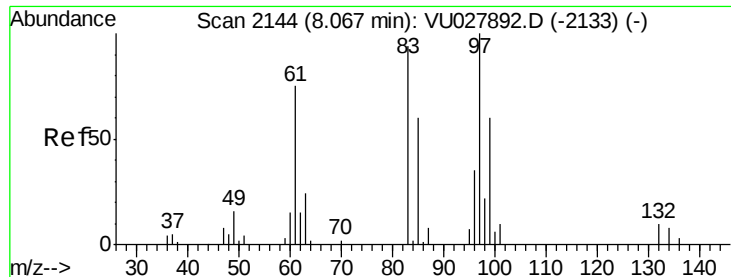
77 29.9 20.5 38.1



Abundance Ion 75.05 (74.75 to 75.75): MDL

Ion 77.05 (76.75 to 77.75): MDL

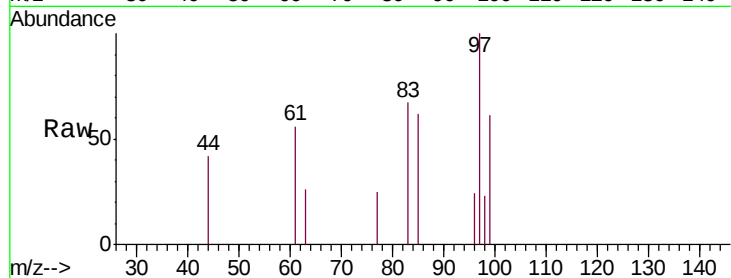




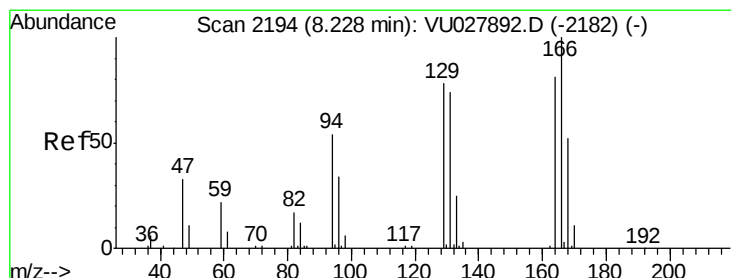
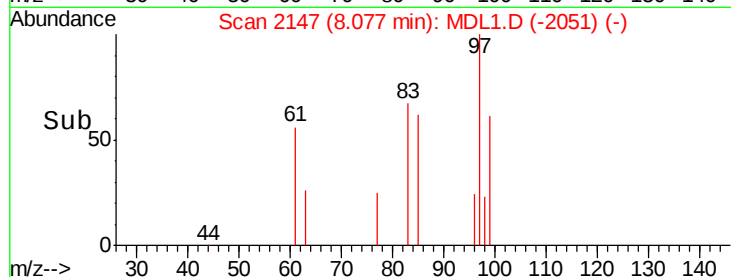
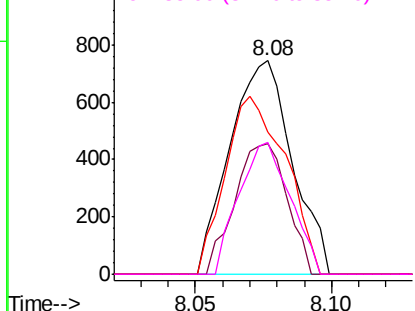
#45
 1,1,2-Trichloroethane
 Concen: 0.276 ug/L
 RT: 8.08 min Scan# 2147
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 1183
 Ion Ratio Lower Upper
 97 100
 99 61.3 42.9 79.7
 83 66.6 62.2 115.6
 85 61.9 40.2 74.6

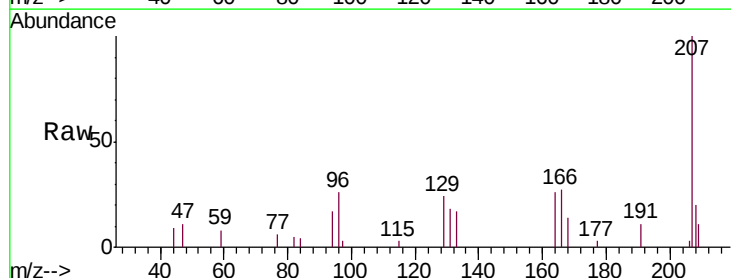


Abundance Ion 96.95 (96.65 to 97.65): MDL
 Ion 99.05 (98.75 to 99.75): MDL
 Ion 82.95 (82.65 to 83.65): MDL
 Ion 85.00 (84.70 to 85.70): MDL

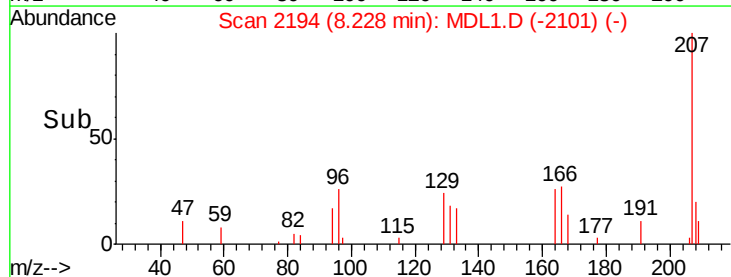
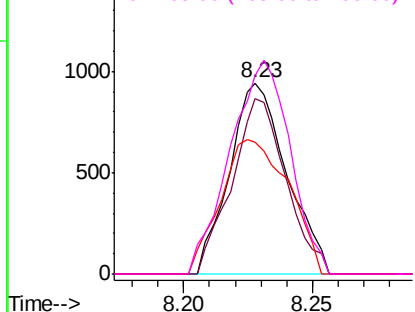


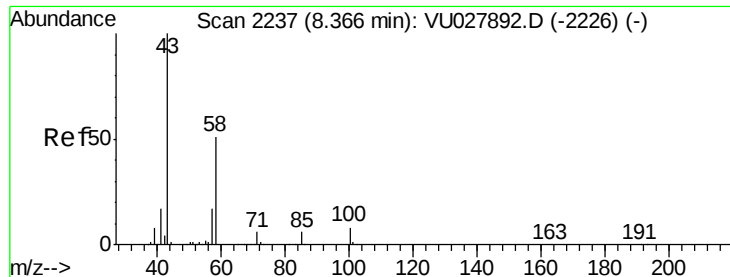
#47
 Tetrachloroethene
 Concen: 0.298 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 164 Resp: 1457
 Ion Ratio Lower Upper
 164 100
 129 91.7 64.9 120.5
 131 68.7 64.3 119.5
 166 103.8 91.8 170.4



Abundance Ion 163.90 (163.60 to 164.60): N
 Ion 128.95 (128.65 to 129.65): N
 Ion 130.95 (130.65 to 131.65): N
 Ion 165.90 (165.60 to 166.60): N

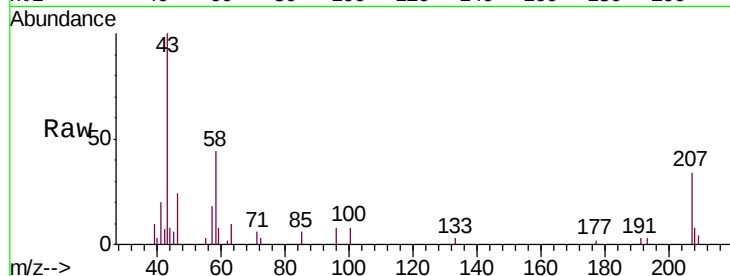




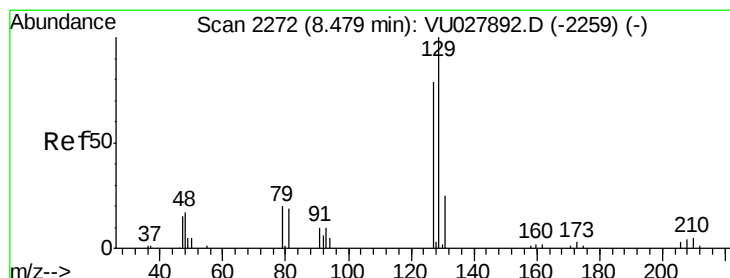
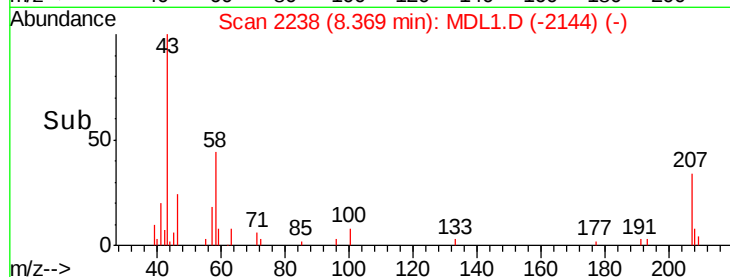
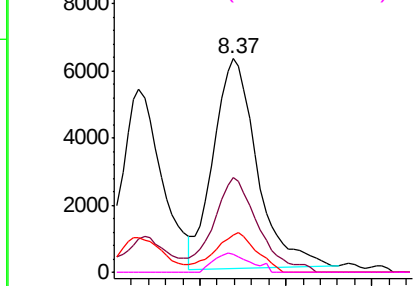
#48
2-Hexanone
Concen: 3.133 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 11102
Ion Ratio Lower Upper
43 100
58 45.6 38.9 58.3
57 18.3 13.3 19.9
100 7.5 6.6 10.0

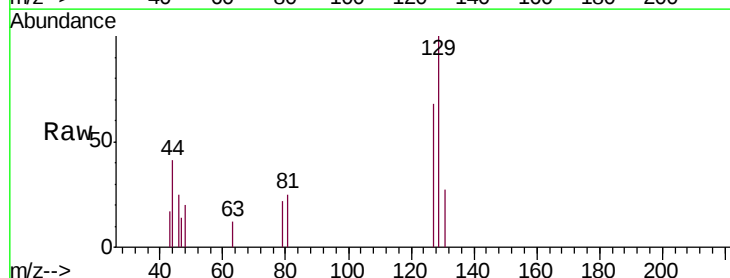


Abundance Ion 43.05 (42.75 to 43.75): MDL
Ion 58.05 (57.75 to 58.75): MDL
Ion 57.20 (56.90 to 57.90): MDL
Ion 100.15 (99.85 to 100.85): MDL

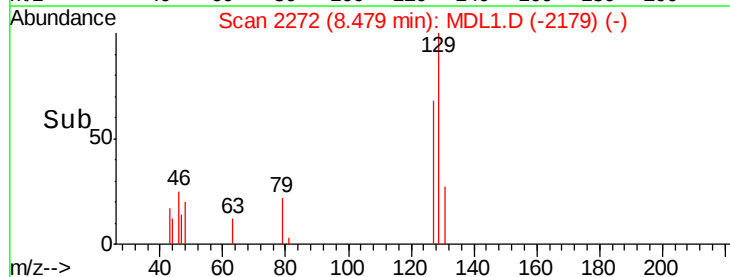
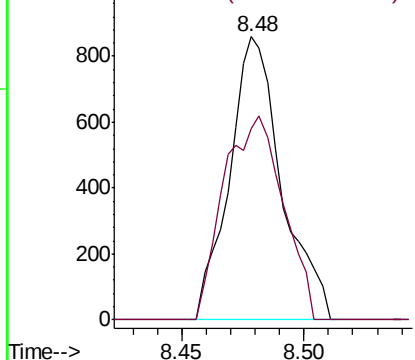


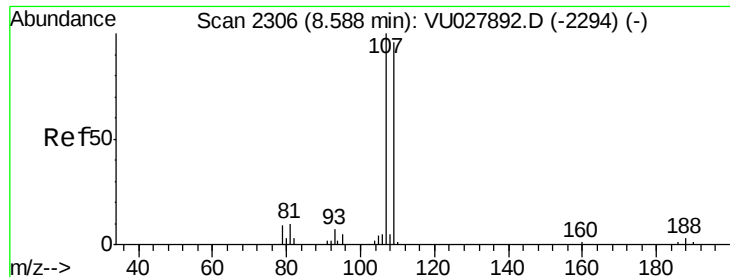
#49
Dibromochloromethane
Concen: 0.247 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 129 Resp: 1276
Ion Ratio Lower Upper
129 100
127 67.6 54.5 101.1



Abundance Ion 128.95 (128.65 to 129.65): MDL
Ion 126.90 (126.60 to 127.60): MDL

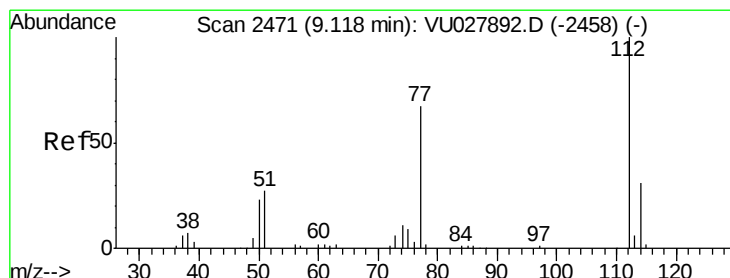
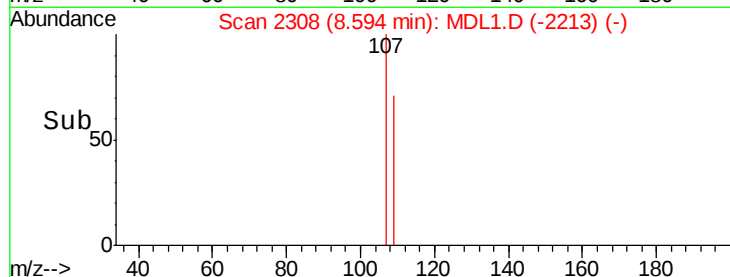
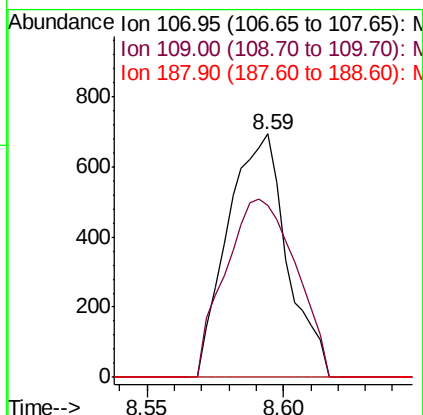
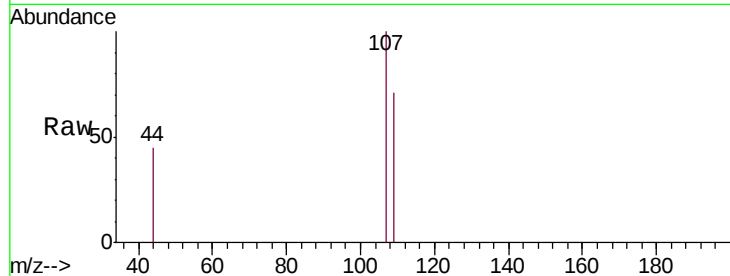




#50
 1,2-Dibromoethane
 Concen: 0.255 ug/L
 RT: 8.59 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

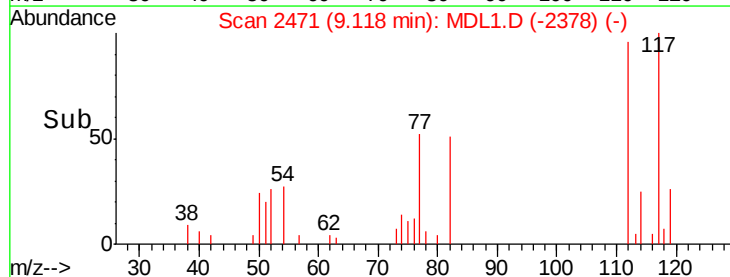
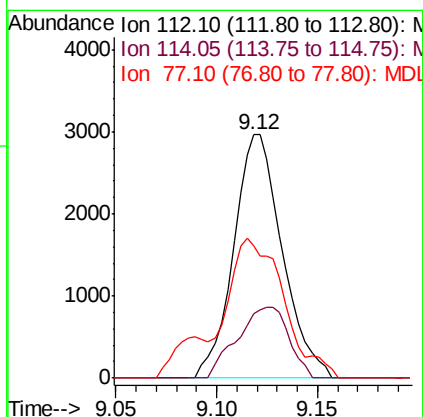
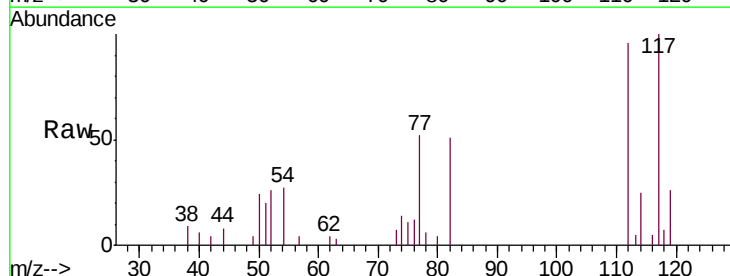
Instrument :
 MSVOA_U
 ClientSampleId :

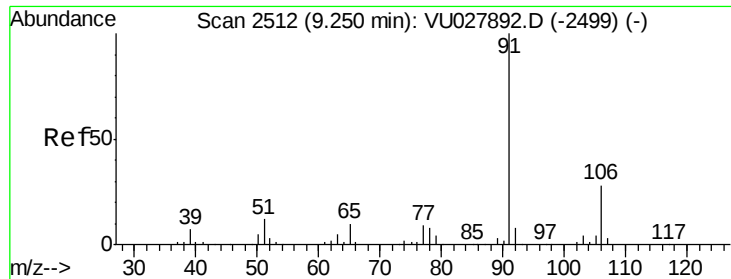
Tgt Ion:107 Resp: 1044
 Ion Ratio Lower Upper
 107 100
 109 70.6 68.0 126.4
 188 0.0 2.7 4.1#



#51
 Chlorobenzene
 Concen: 0.315 ug/L
 RT: 9.12 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion:112 Resp: 4986
 Ion Ratio Lower Upper
 112 100
 114 26.4 22.0 41.0
 77 54.5 54.3 81.5





#52

Ethylbenzene

Concen: 0.274 ug/L

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

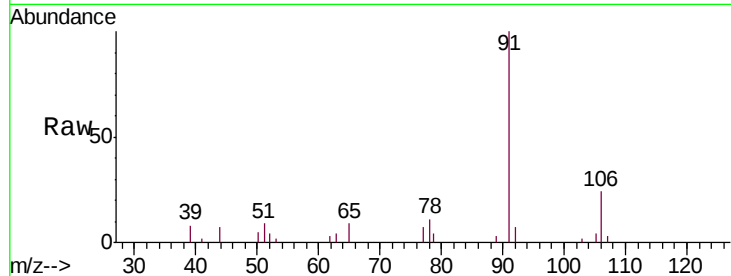
ClientSampleId :

Tgt Ion: 91 Resp: 7982

Ion Ratio Lower Upper

91 100

106 23.9 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): MDL

Ion 106.15 (105.85 to 106.85): MDL

6000

5000

4000

3000

2000

1000

0

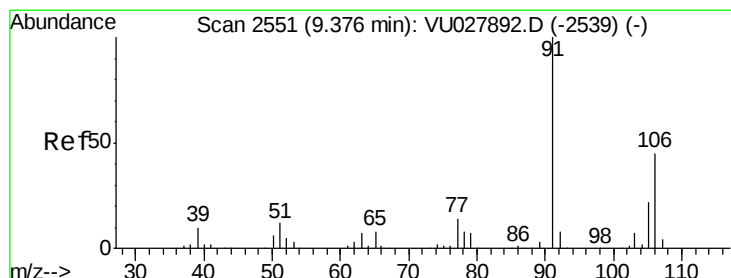
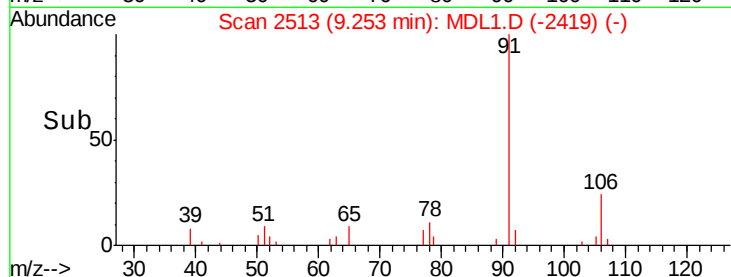
9.25

9.20

9.25

9.30

Time-->



#53

m,p-xylene

Concen: 0.273 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: MDL1.D

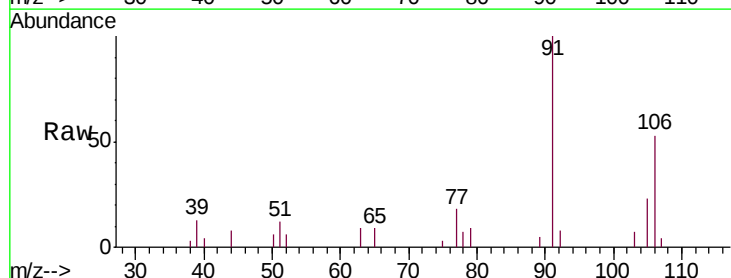
Acq: 01 Nov 2018 13:35

Tgt Ion: 106 Resp: 2880

Ion Ratio Lower Upper

106 100

91 187.5 148.7 276.1



Abundance Ion 106.15 (105.85 to 106.85): MDL

Ion 91.15 (90.85 to 91.85): MDL

4000

3000

2000

1000

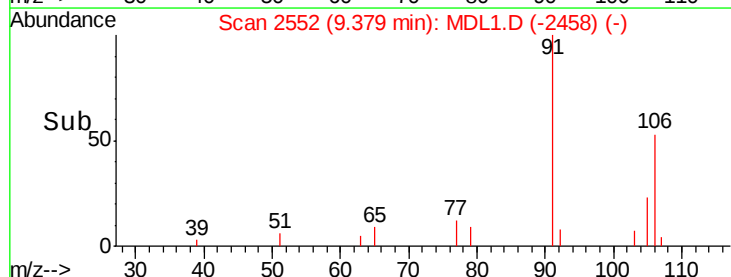
0

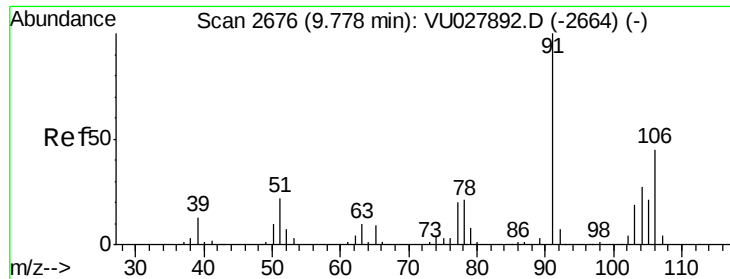
9.38

9.35

9.40

Time-->

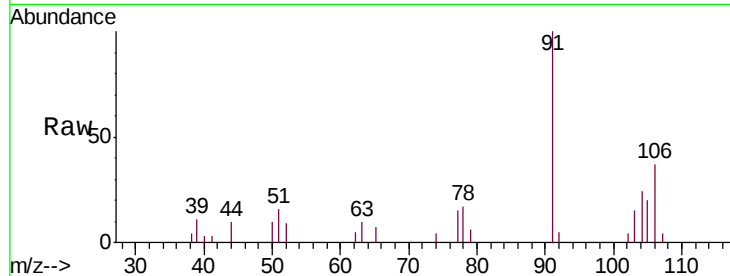




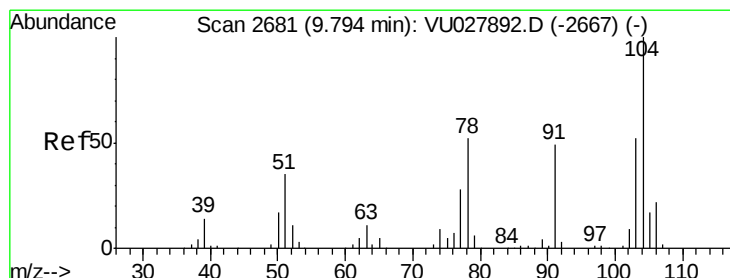
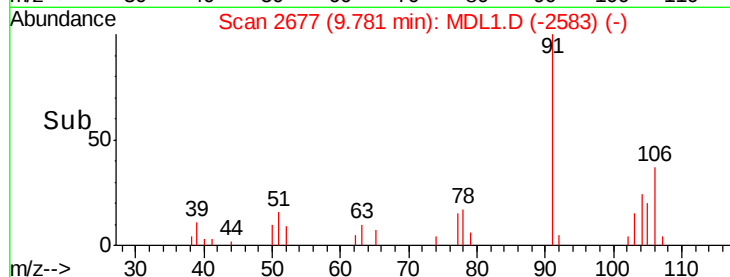
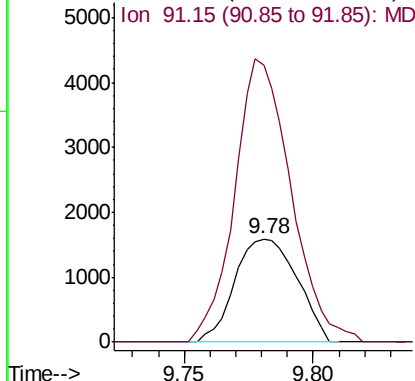
#54
o-xylene
Concen: 0.258 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:106 Resp: 2675
Ion Ratio Lower Upper
106 100
91 269.2 158.3 293.9

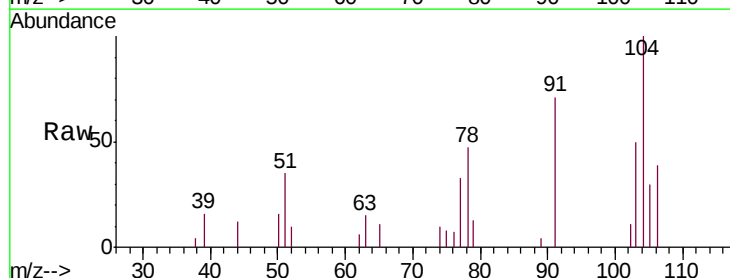


Abundance Ion 106.15 (105.85 to 106.85): N
Ion 91.15 (90.85 to 91.85): MDL

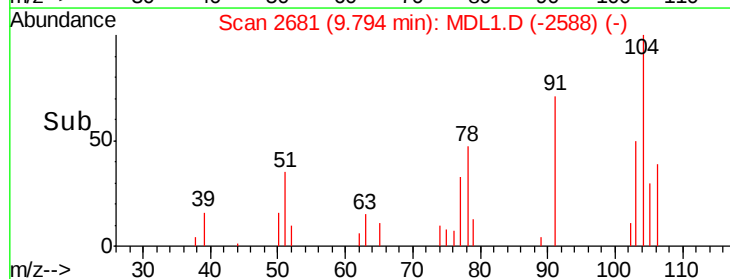
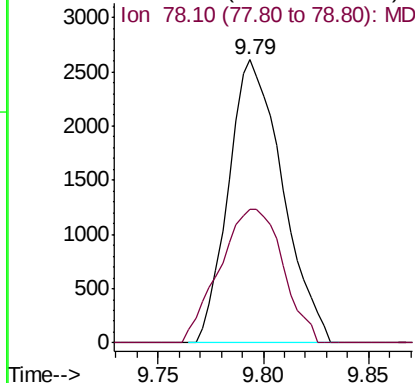


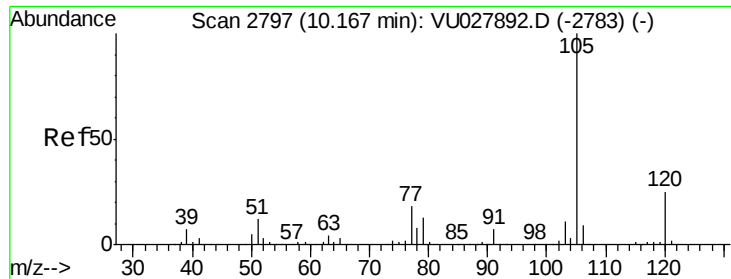
#55
Styrene
Concen: 0.267 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: MDL1.D
Acq: 01 Nov 2018 13:35

Tgt Ion:104 Resp: 4653
Ion Ratio Lower Upper
104 100
78 47.3 35.6 66.0



Abundance Ion 104.10 (103.80 to 104.80): N
Ion 78.10 (77.80 to 78.80): MDL





#56

Isopropylbenzene

Concen: 0.276 ug/L

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

ClientSampleId :

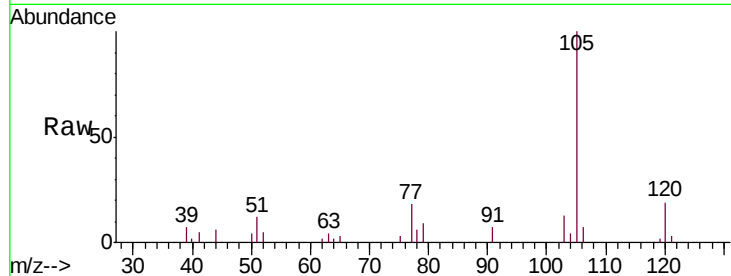
Tgt Ion: 105 Resp: 7803

Ion Ratio Lower Upper

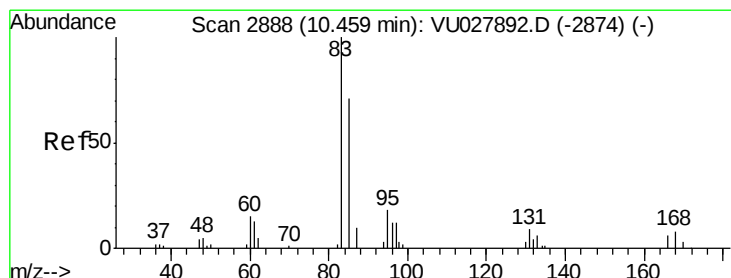
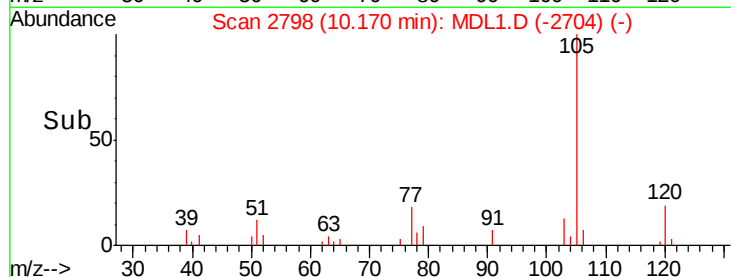
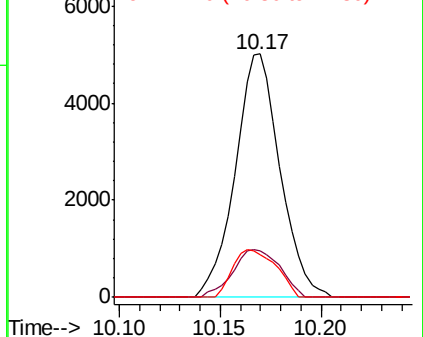
105 100

120 20.6 20.2 30.2

77 19.1 13.4 20.2



Abundance Ion 105.05 (104.75 to 105.75): MDL
Ion 120.10 (119.80 to 120.80): MDL
Ion 77.10 (76.80 to 77.80): MDL



#58

1,1,2,2-Tetrachloroethane

Concen: 0.299 ug/L

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

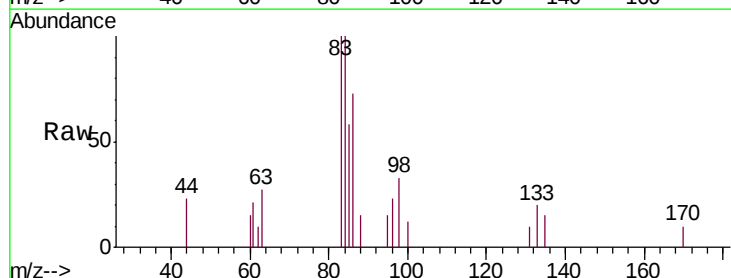
Tgt Ion: 83 Resp: 1668

Ion Ratio Lower Upper

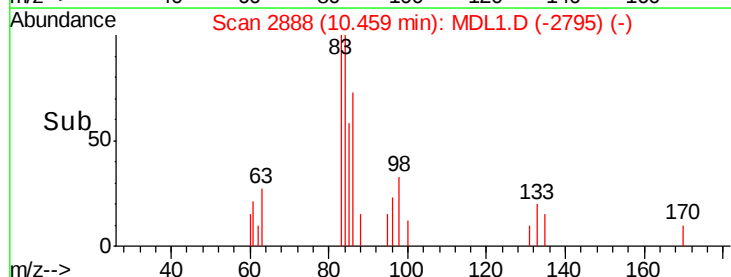
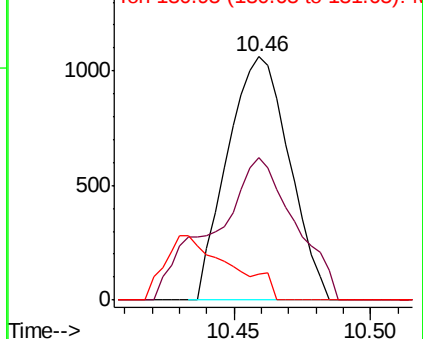
83 100

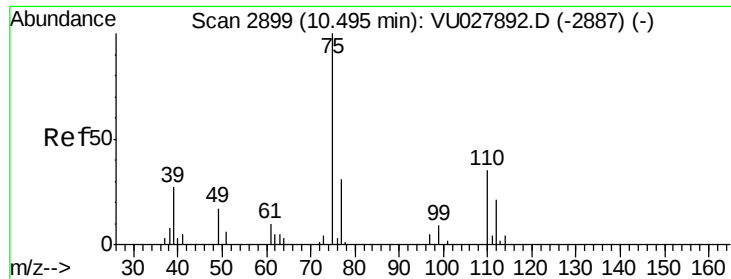
85 58.4 44.4 82.4

131 10.5 6.8 10.2#



Abundance Ion 82.95 (82.65 to 83.65): MDL
Ion 85.00 (84.70 to 85.70): MDL
Ion 130.95 (130.65 to 131.65): MDL

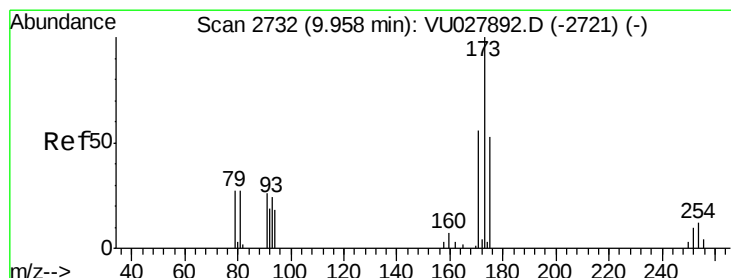
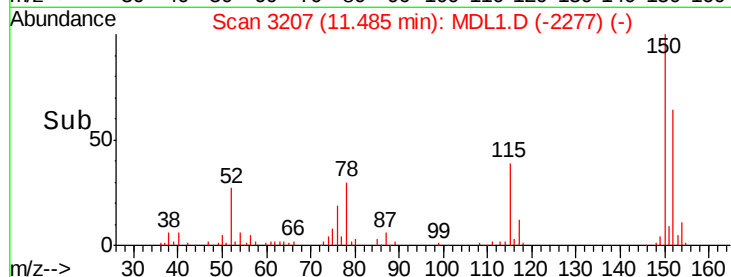
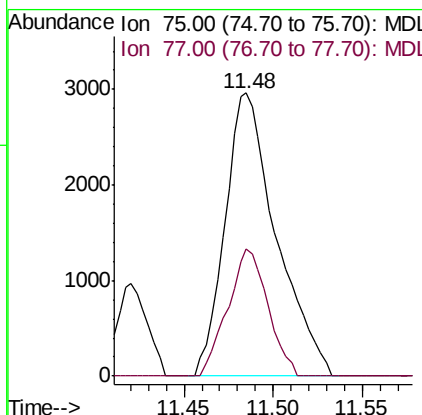
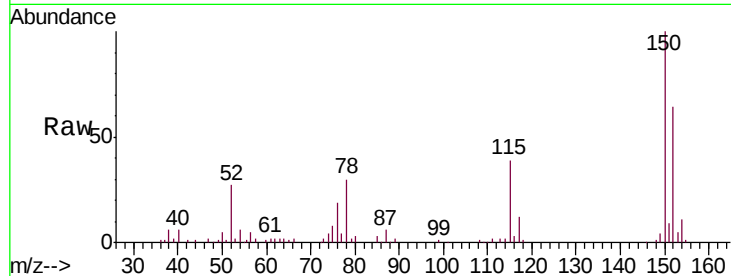




#59
 1,2,3-Trichloropropane
 Concen: 1.402 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

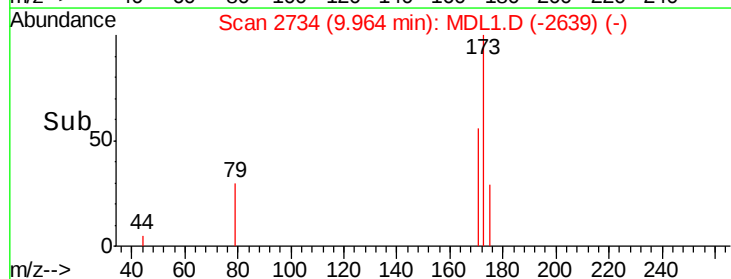
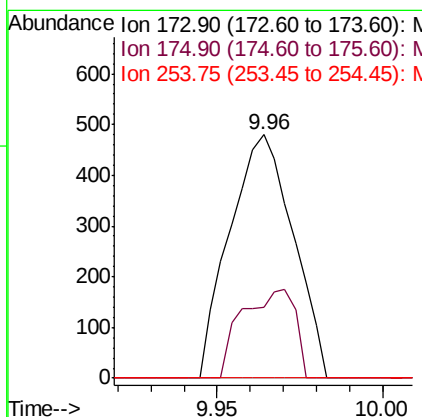
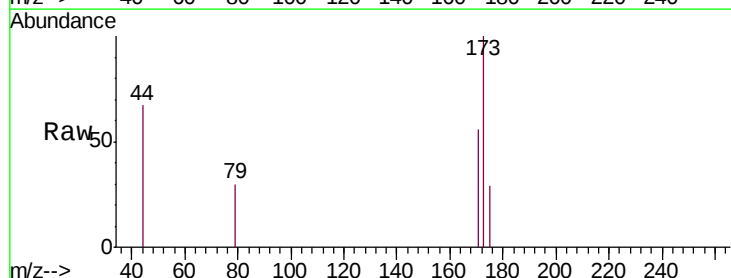
Instrument :
 MSVOA_U
 ClientSampleId :

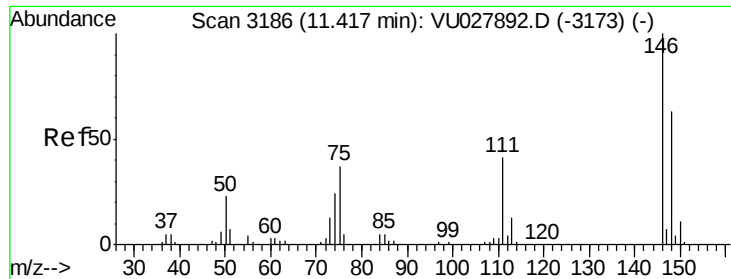
Tgt Ion: 75 Resp: 5913
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.8 38.6



#61
 Bromoform
 Concen: 0.229 ug/L
 RT: 9.96 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 173 Resp: 639
 Ion Ratio Lower Upper
 173 100
 175 30.4 38.3 57.5#
 254 0.0 7.8 11.6#

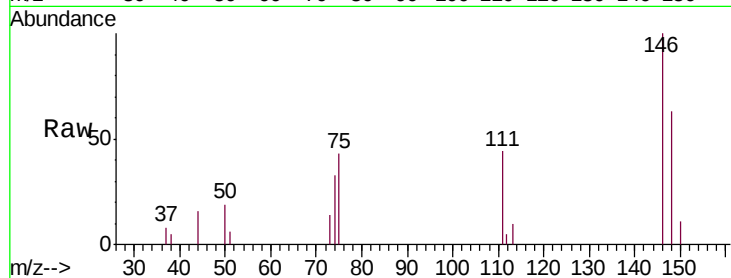




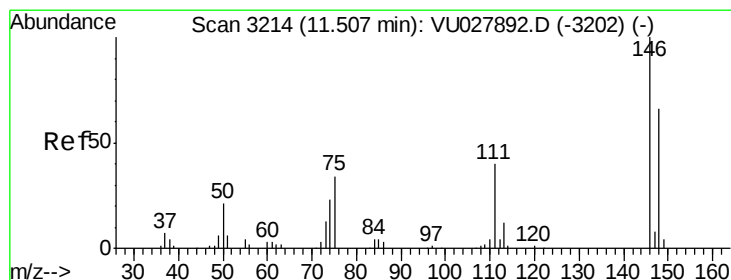
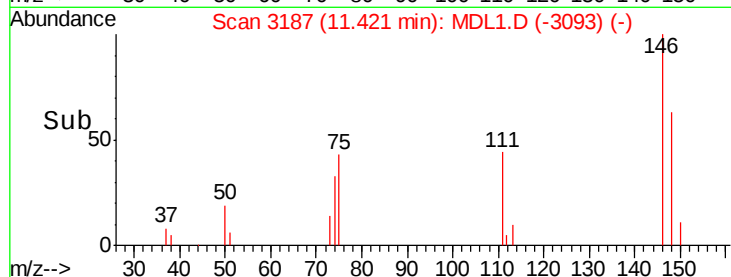
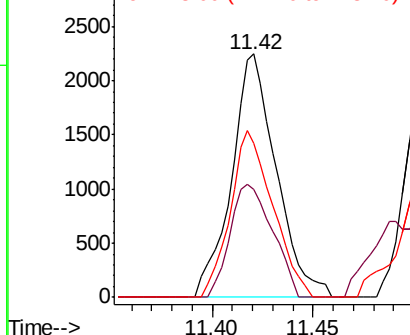
#62
 1,3-Dichlorobenzene
 Concen: 0.285 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:146 Resp: 3482
 Ion Ratio Lower Upper
 146 100
 111 44.4 27.4 51.0
 148 63.5 42.6 79.0

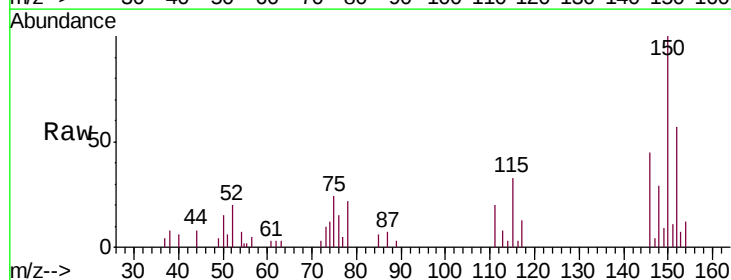


Abundance Ion 145.95 (145.65 to 146.65): N
 Ion 111.00 (110.70 to 111.70): N
 Ion 148.00 (147.70 to 148.70): N

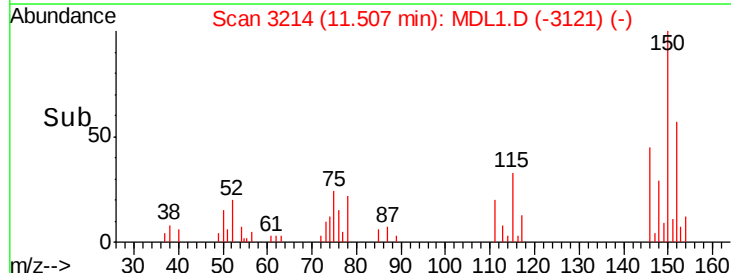
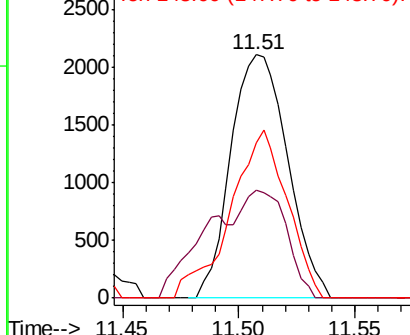


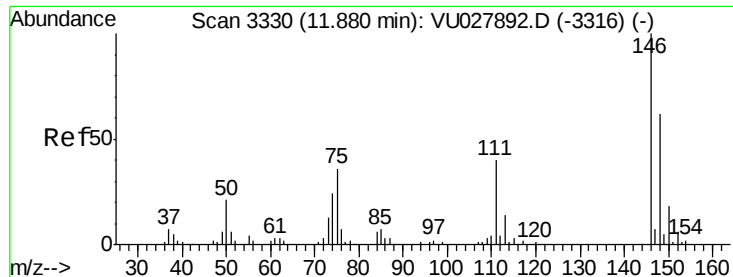
#63
 1,4-Dichlorobenzene
 Concen: 0.293 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion:146 Resp: 3573
 Ion Ratio Lower Upper
 146 100
 111 44.3 27.4 51.0
 148 63.8 43.1 80.1



Abundance Ion 145.95 (145.65 to 146.65): N
 Ion 111.00 (110.70 to 111.70): N
 Ion 148.00 (147.70 to 148.70): N

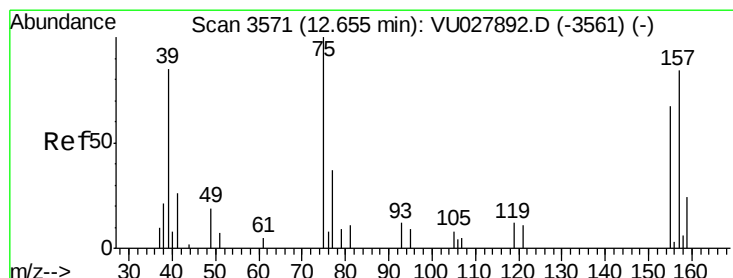
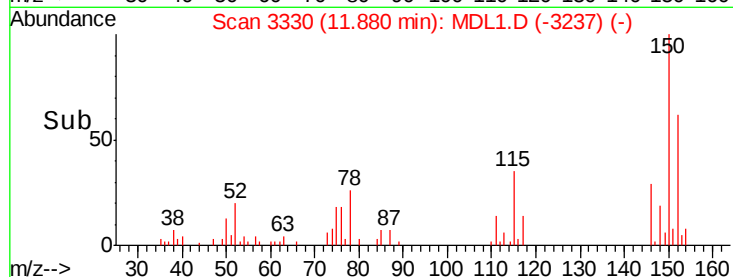
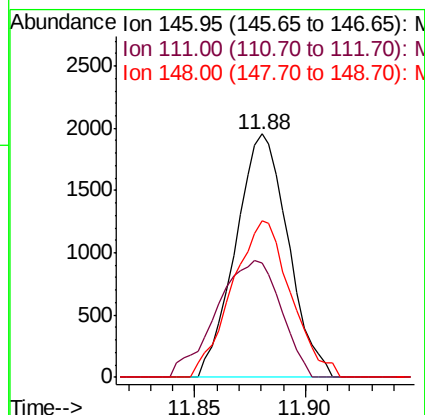
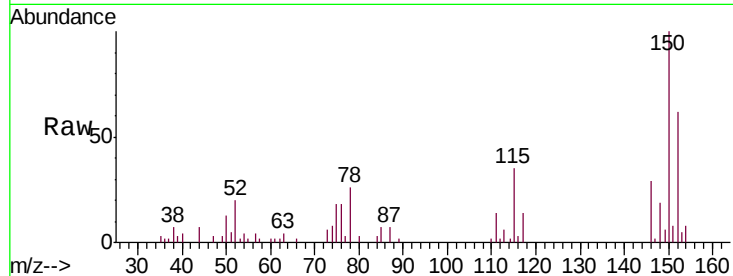




#65
 1,2-Dichlorobenzene
 Concen: 0.281 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

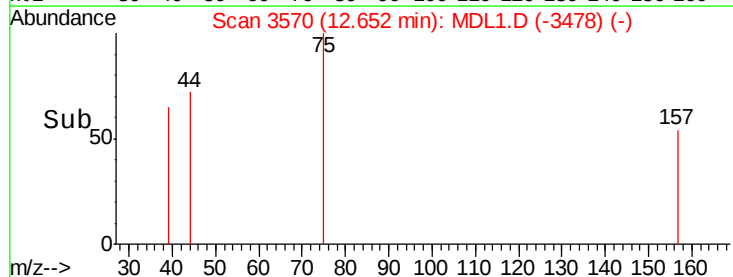
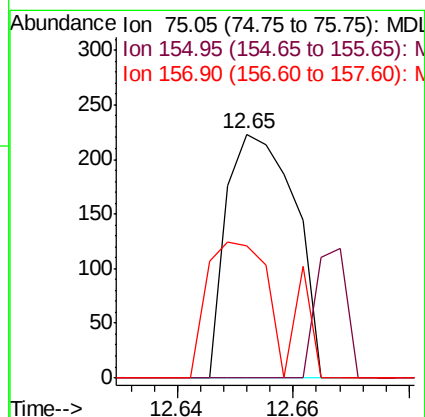
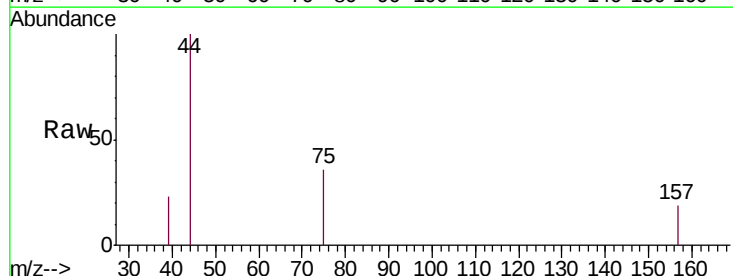
Instrument :
 MSVOA_U
 ClientSampled :

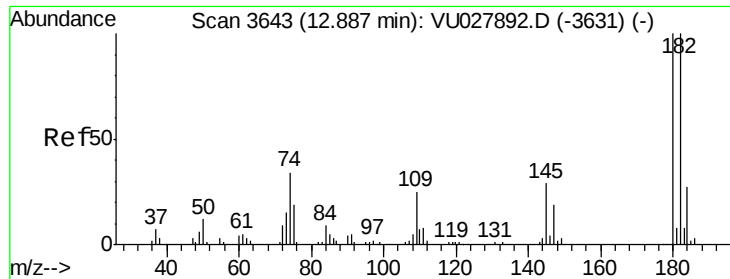
Tgt Ion: 146 Resp: 3232
 Ion Ratio Lower Upper
 146 100
 111 47.2 33.0 49.4
 148 64.1 49.2 73.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.202 ug/L
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion: 75 Resp: 182
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.6 87.8#
 157 54.3 66.7 100.1#

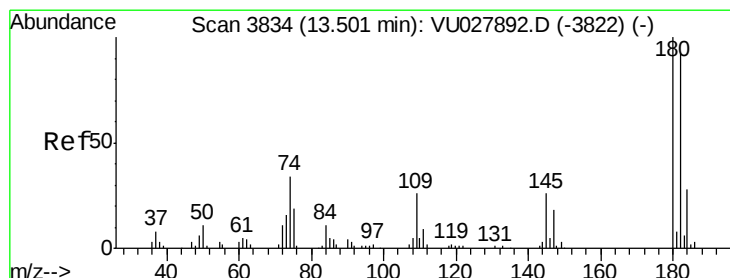
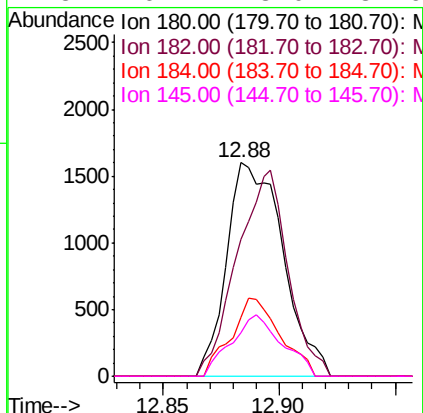
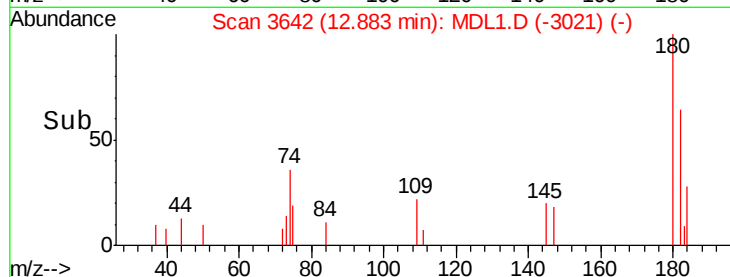
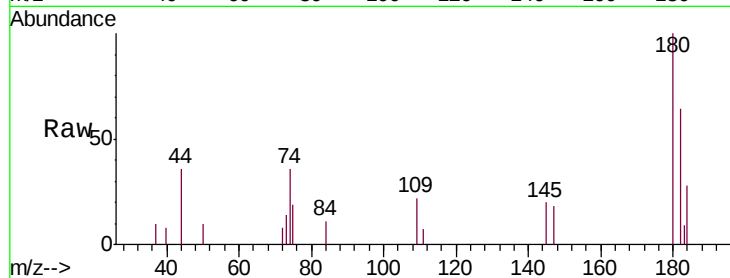




#67
 1,3,5-Trichlorobenzene
 Concen: 0.275 ug/L
 RT: 12.88 min Scan# 3642
 Delta R.T. -0.00 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

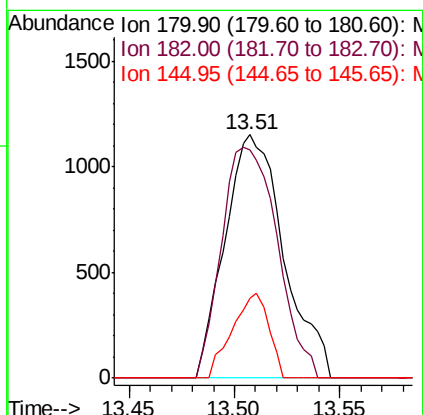
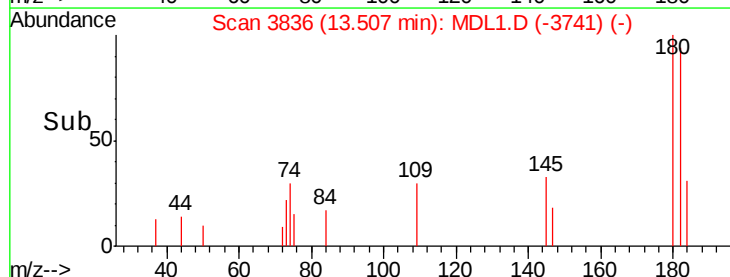
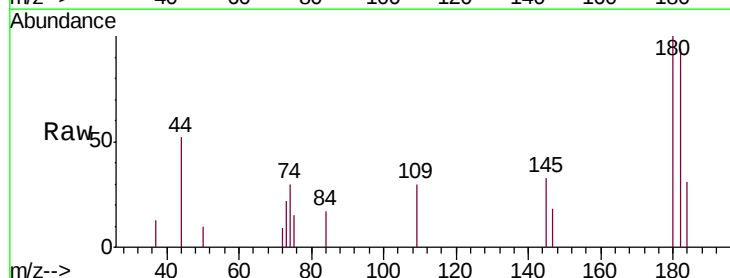
Instrument :
 MSVOA_U
 ClientSampleId :

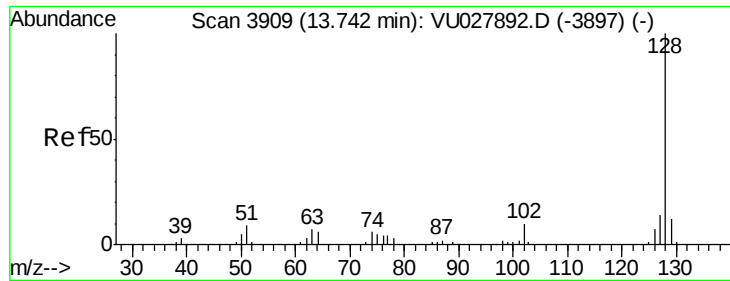
Tgt Ion:180 Resp: 2701
 Ion Ratio Lower Upper
 180 100
 182 86.7 77.3 115.9
 184 32.0 24.6 37.0
 145 26.1 23.0 34.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.268 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: MDL1.D
 Acq: 01 Nov 2018 13:35

Tgt Ion:180 Resp: 2234
 Ion Ratio Lower Upper
 180 100
 182 89.7 77.8 116.6
 145 21.5 22.9 34.3#





#69

Naphthalene

Concen: 0.189 ug/L

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

Instrument :

MSVOA_U

ClientSampleId :

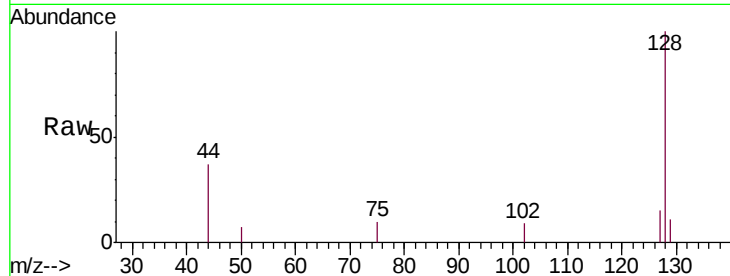
Tgt Ion:128 Resp: 2451

Ion Ratio Lower Upper

128 100

129 6.6 8.6 12.8#

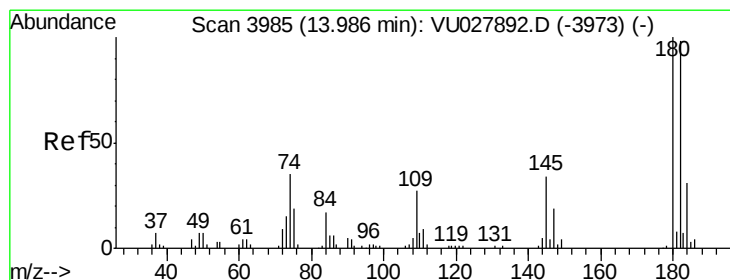
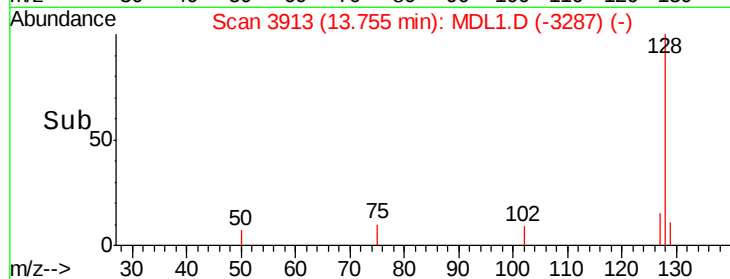
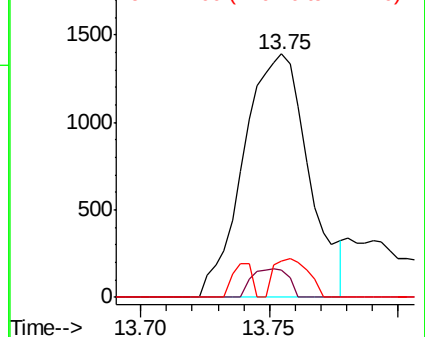
127 8.5 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): N

Ion 129.00 (128.70 to 129.70): N

Ion 127.00 (126.70 to 127.70): N



#70

1,2,3-Trichlorobenzene

Concen: 0.256 ug/L

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: MDL1.D

Acq: 01 Nov 2018 13:35

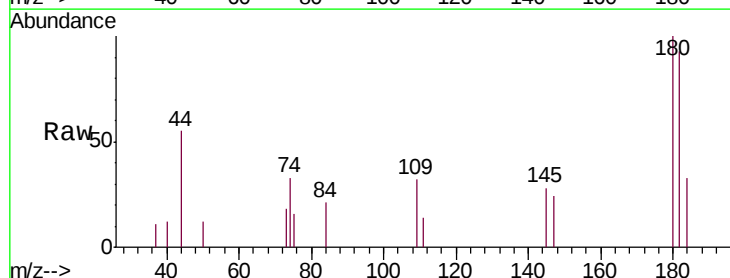
Tgt Ion:180 Resp: 1949

Ion Ratio Lower Upper

180 100

182 97.1 79.4 119.0

145 26.0 25.4 38.0



Abundance Ion 179.90 (179.60 to 180.60): N

Ion 181.90 (181.60 to 182.60): N

Ion 144.95 (144.65 to 145.65): N

