

Data File : VU026162.D
Acq On : 15 Aug 2018 21:36
Operator : MD/SY
Sample : MDL07
Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Quant Time: Aug 16 04:42:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 04:40:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	285627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	113122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71670	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.67	69	61714	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	112206	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.14%
21) 2-Butanone-d5	4.18	46	137821	107.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.10%
24) Chloroform-d	4.65	84	171951	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	115763	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
32) Benzene-d6	5.35	84	333347	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
36) 1,2-Dichloropropane-d6	6.33	67	108387	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.57	98	302126	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	7.85	79	49560	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.31	63	97870	104.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	154423	48.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	118568	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4239	1.875 ug/L	90
3) Chloromethane	1.33	50	4778	2.320 ug/L	99
5) Vinyl chloride	1.40	62	3848	1.871 ug/L #	52
6) Bromomethane	1.62	94	2250	2.124 ug/L	90
8) Chloroethane	1.70	64	2535	2.059 ug/L	96
9) Trichlorofluoromethane	1.88	101	5564	1.833 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3864	2.349 ug/L #	80
12) 1,1-Dichloroethene	2.28	96	3926	2.601 ug/L #	1
13) Acetone	2.32	43	4979	4.228 ug/L	94
14) Carbon disulfide	2.48	76	10335	1.974 ug/L	97
15) Methyl Acetate	2.62	43	4928	2.412 ug/L	93
16) Methylene chloride	2.70	84	4199	2.076 ug/L	94
17) trans-1,2-Dichloroethene	2.99	96	3332	1.861 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	10179	1.791 ug/L	98
19) 1,1-Dichloroethane	3.45	63	6847	1.986 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	3821	1.903 ug/L	96
22) 2-Butanone	4.28	43	5041	3.436 ug/L	82

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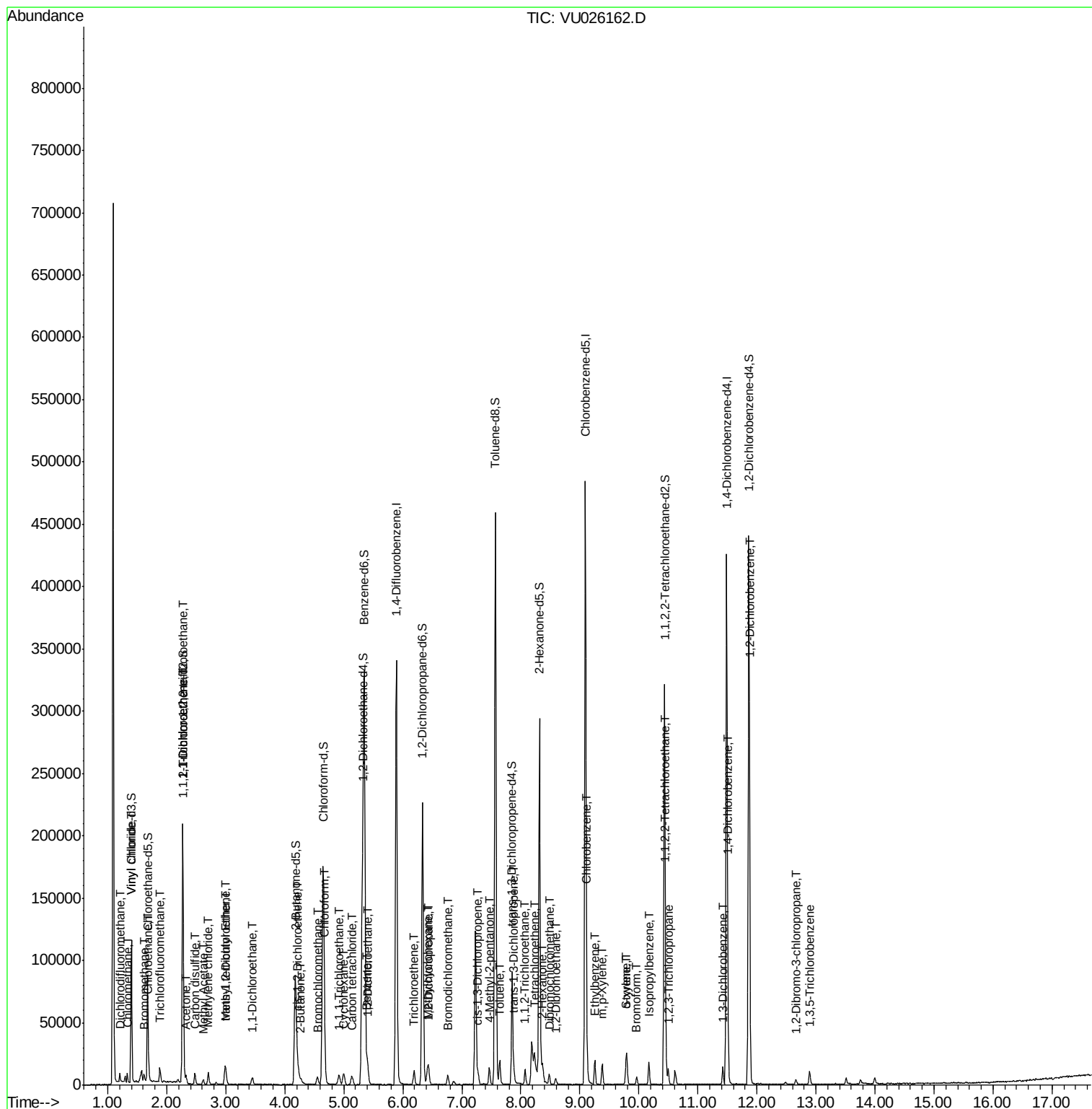
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	1740	1.603	ug/L	91
25) Chloroform	4.68	83	8618	2.381	ug/L	99
27) 1,2-Dichloroethane	5.41	62	6047	2.067	ug/L	100
29) Cyclohexane	5.00	56	4456	1.655	ug/L #	86
30) 1,1,1-Trichloroethane	4.92	97	6562	2.038	ug/L #	76
31) Carbon tetrachloride	5.14	117	5940	2.036	ug/L	89
33) Benzene	5.39	78	13298	1.822	ug/L	100
34) Trichloroethene	6.19	95	3725	1.959	ug/L	88
35) Methylcyclohexane	6.42	83	4741	1.661	ug/L	99
37) 1,2-Dichloropropane	6.44	63	3941	1.934	ug/L	99
38) Bromodichloromethane	6.76	83	5490	2.034	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	5486	1.813	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	10103	3.996	ug/L #	92
42) Toluene	7.64	91	14813	1.911	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	5210	1.787	ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	4080	2.111	ug/L	95
46) Tetrachloroethene	8.23	164	3191	1.946	ug/L	94
48) 2-Hexanone	8.36	43	9551	4.821	ug/L	94
49) Dibromochloromethane	8.48	129	4090	1.757	ug/L	91
50) 1,2-Dibromoethane	8.59	107	3833	1.910	ug/L #	99
51) Chlorobenzene	9.12	112	9838	1.857	ug/L	90
52) Ethylbenzene	9.26	91	14205	1.683	ug/L	99
53) m,p-Xylene	9.37	106	4802	1.476	ug/L	98
54) o-xylene	9.78	106	5460	1.682	ug/L	94
55) Styrene	9.80	104	7288	1.348	ug/L	96
56) Isopropylbenzene	10.17	105	12059	1.447	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	6906	2.140	ug/L #	98
59) 1,2,3-Trichloropropane	10.50	75	5201	2.072	ug/L	92
61) Bromoform	9.96	173	2816	1.904	ug/L #	92
62) 1,3-Dichlorobenzene	11.42	146	5932	1.750	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	7012	2.006	ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	7520	2.076	ug/L #	93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1184	2.061	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	3996	1.596	ug/L	95

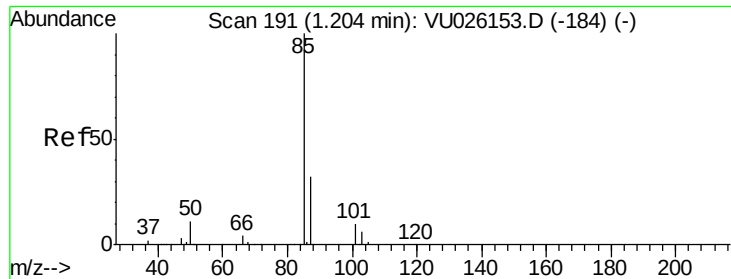
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.875 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

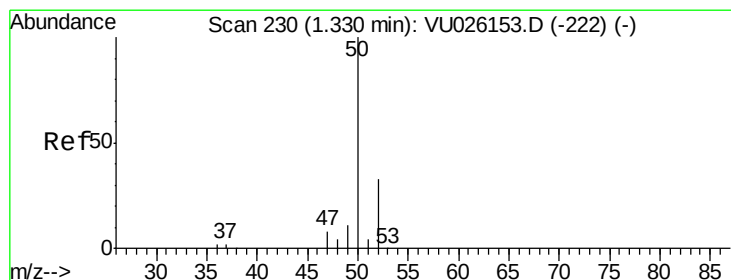
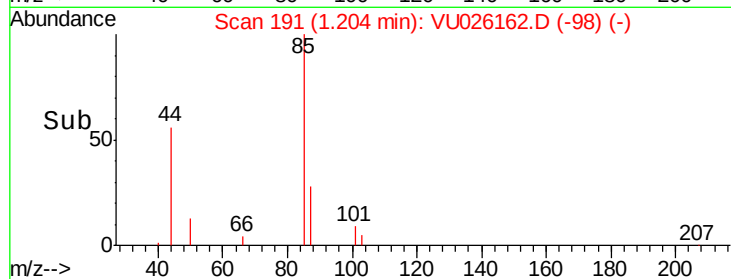
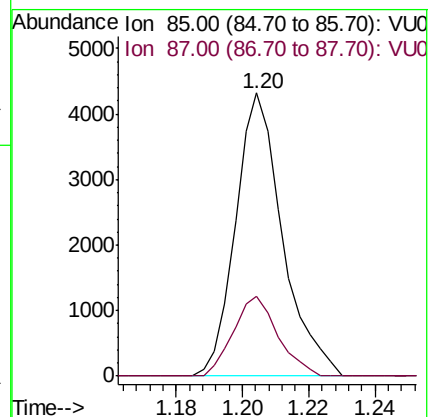
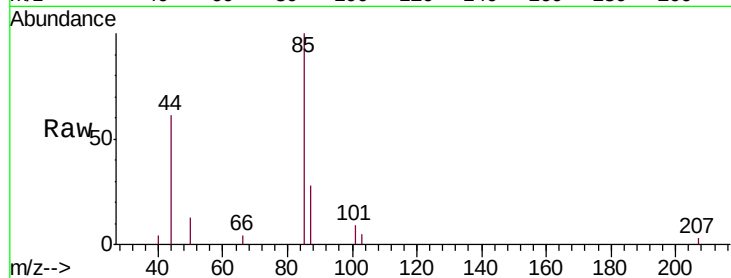
MDL07

Tgt Ion: 85 Resp: 4239

Ion Ratio Lower Upper

85 100

87 26.8 26.1 39.1



#3

Chloromethane

Concen: 2.320 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU026162.D

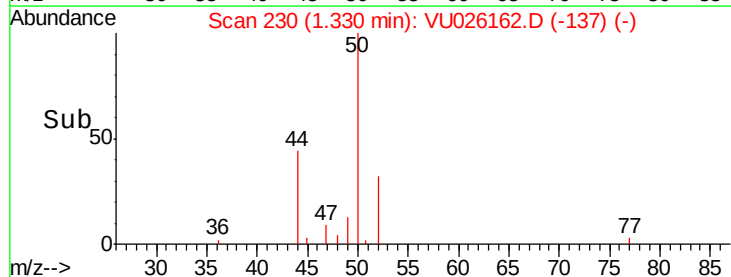
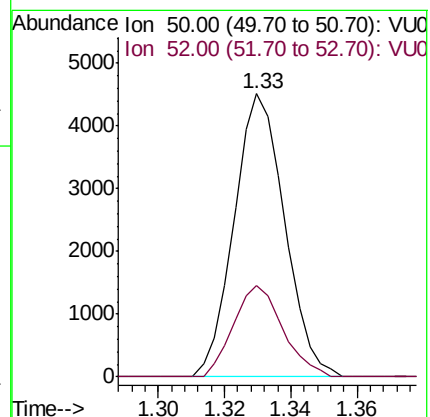
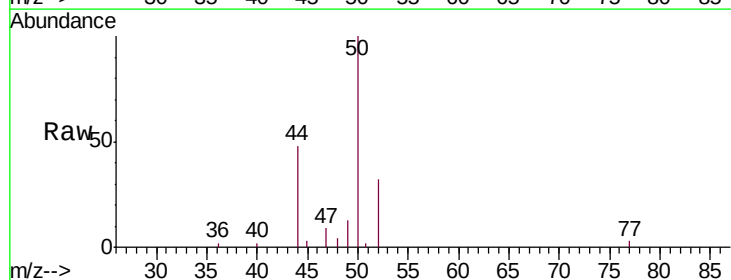
Acq: 15 Aug 2018 21:36

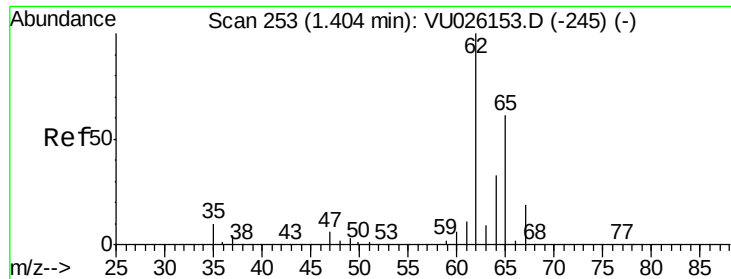
Tgt Ion: 50 Resp: 4778

Ion Ratio Lower Upper

50 100

52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 1.871 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

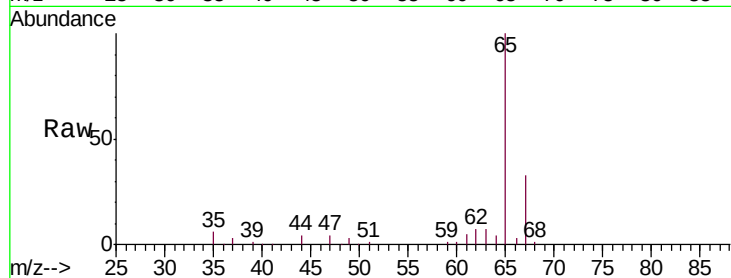
MDL07

Tgt Ion: 62 Resp: 3848

Ion Ratio Lower Upper

62 100

64 59.7 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

4000

3000

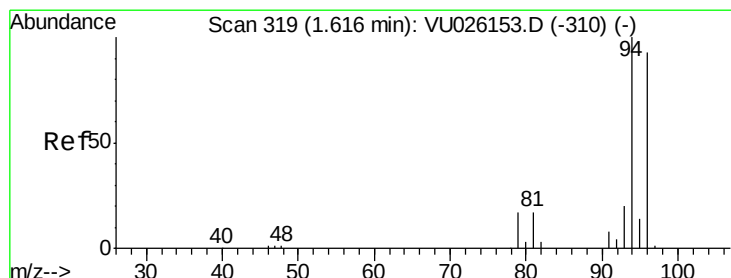
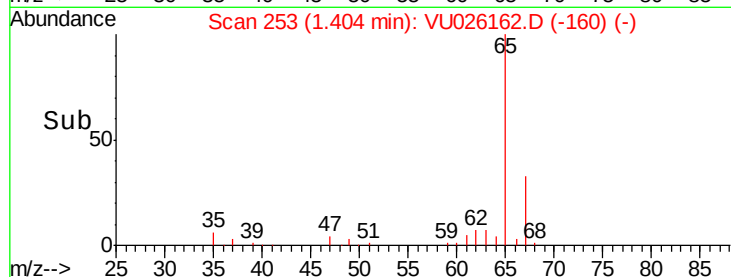
2000

1000

0

Time-->

1.38 1.40 1.42 1.44



#6

Bromomethane

Concen: 2.124 ug/L

RT: 1.62 min Scan# 320

Delta R.T. 0.00 min

Lab File: VU026162.D

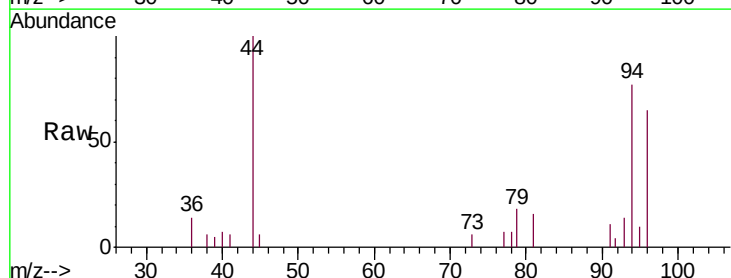
Acq: 15 Aug 2018 21:36

Tgt Ion: 94 Resp: 2250

Ion Ratio Lower Upper

94 100

96 84.5 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.62

2000

1500

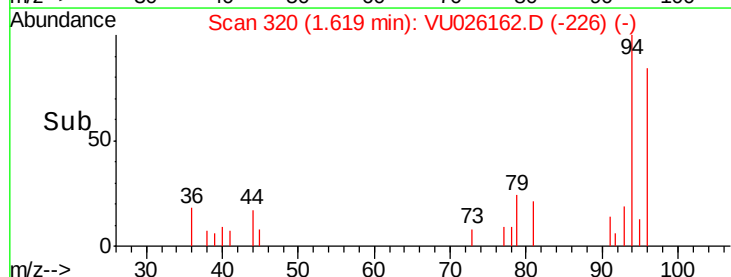
1000

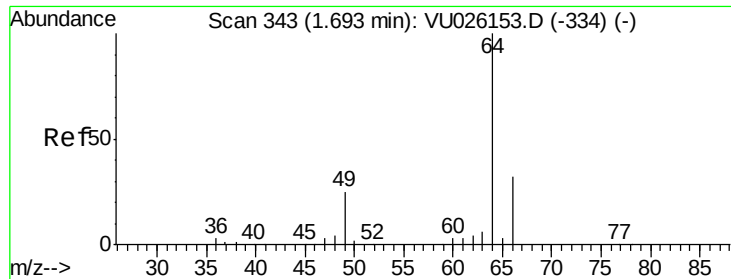
500

0

Time-->

1.58 1.60 1.62 1.64 1.66





#8

Chloroethane

Concen: 2.059 ug/L

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

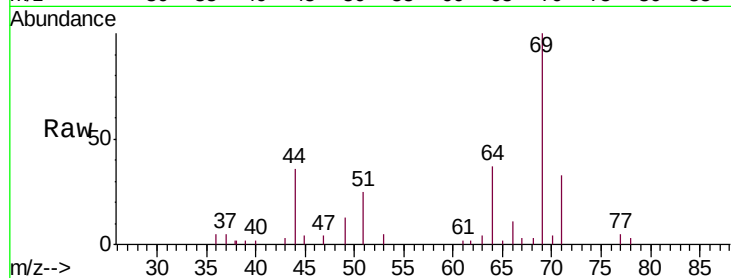
MDL07

Tgt Ion: 64 Resp: 2535

Ion Ratio Lower Upper

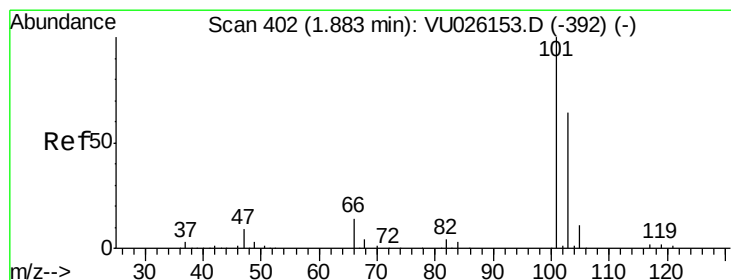
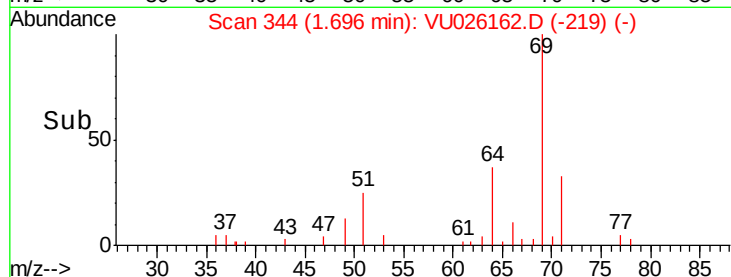
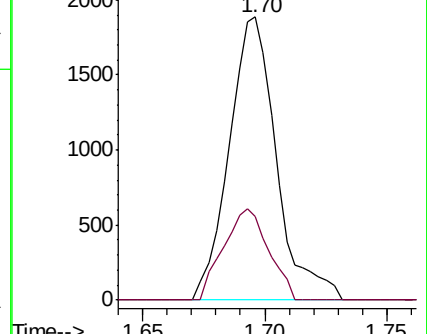
64 100

66 29.4 22.2 41.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 1.833 ug/L

RT: 1.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU026162.D

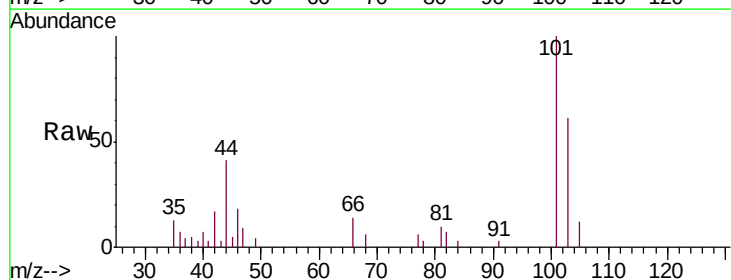
Acq: 15 Aug 2018 21:36

Tgt Ion: 101 Resp: 5564

Ion Ratio Lower Upper

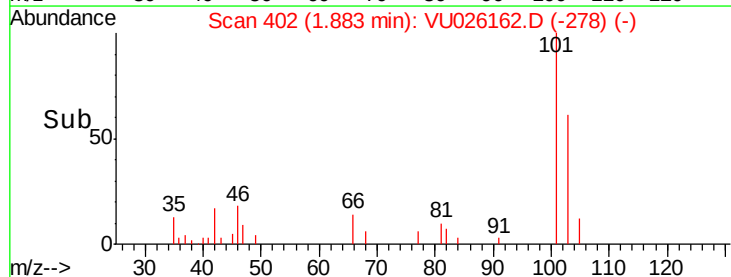
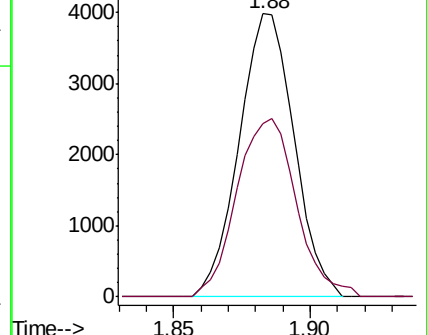
101 100

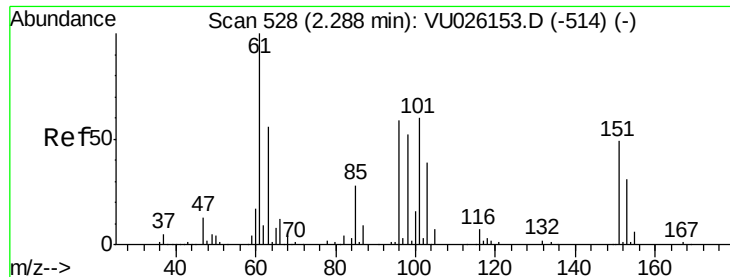
103 68.4 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 2.349 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

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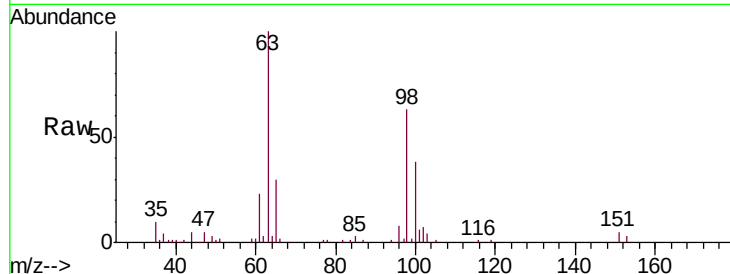
Tgt Ion:101 Resp: 3864

Ion Ratio Lower Upper

101 100

85 34.3 36.6 55.0#

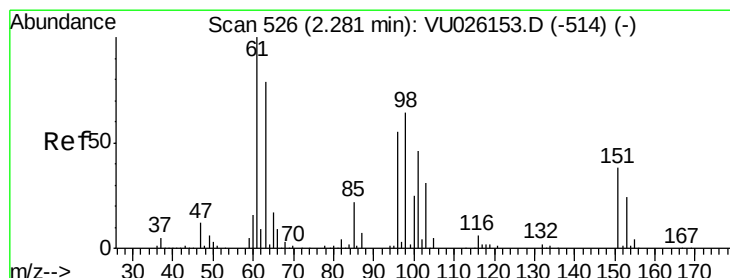
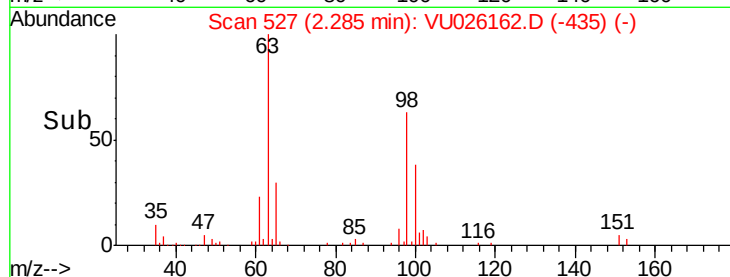
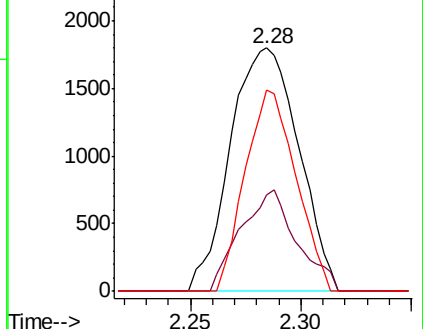
151 61.6 63.8 95.8#



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: 2.601 ug/L

RT: 2.28 min Scan# 526

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

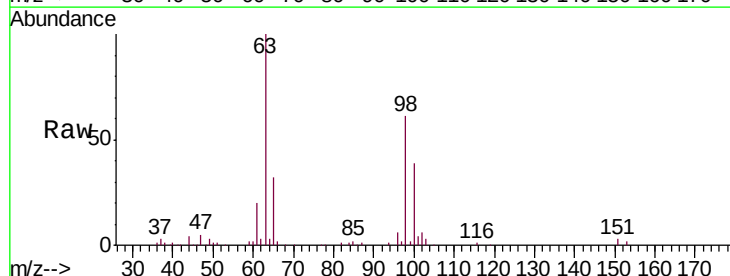
Tgt Ion: 96 Resp: 3926

Ion Ratio Lower Upper

96 100

61 342.6 126.8 235.4#

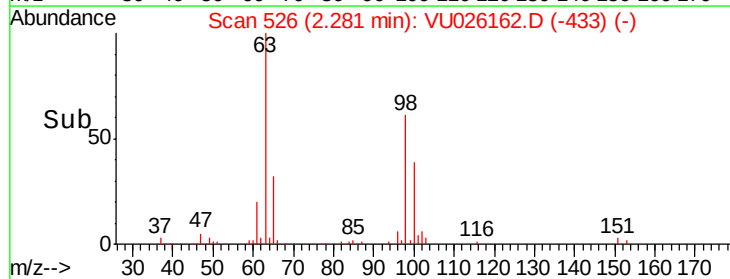
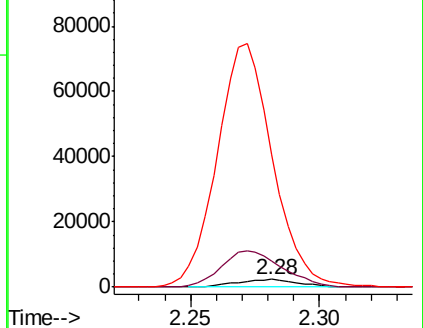
63 1697.4 97.0 180.2#

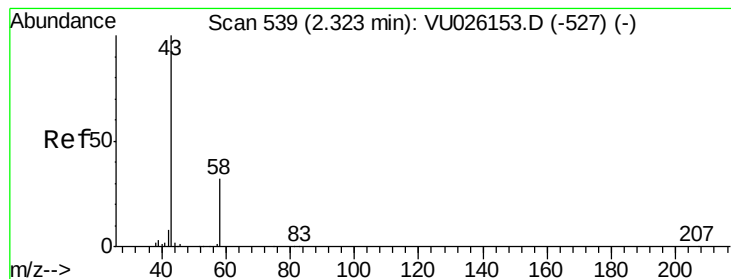


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.228 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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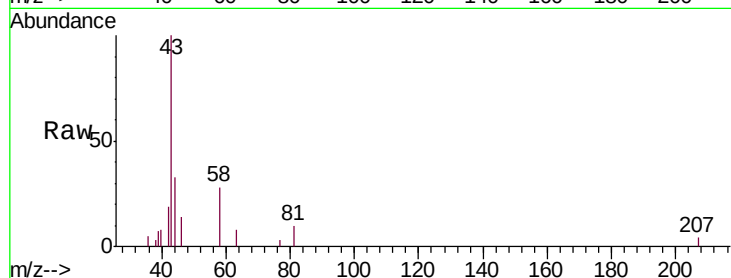
MDL07

Tgt Ion: 43 Resp: 4979

Ion Ratio Lower Upper

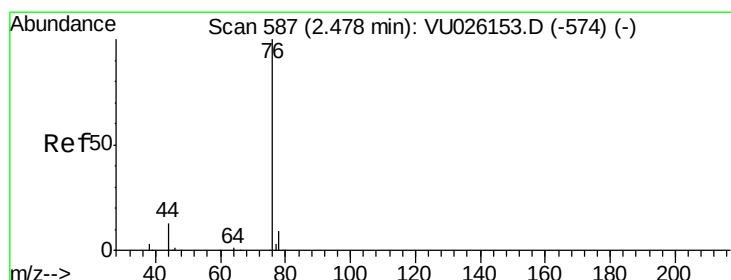
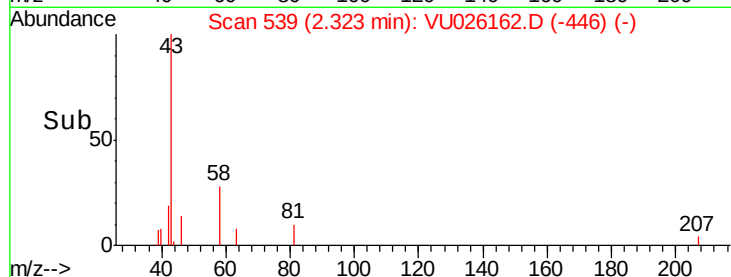
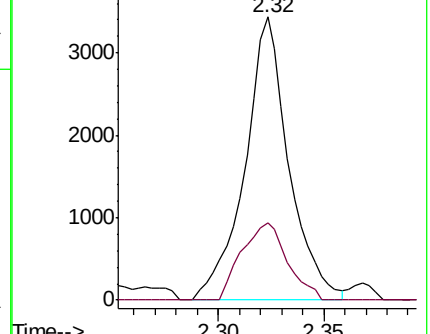
43 100

58 28.3 0.0 62.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 1.974 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU026162.D

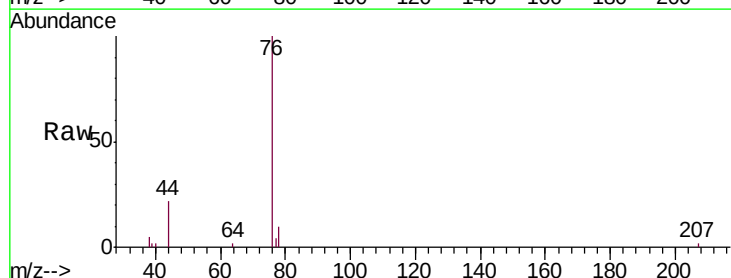
Acq: 15 Aug 2018 21:36

Tgt Ion: 76 Resp: 10335

Ion Ratio Lower Upper

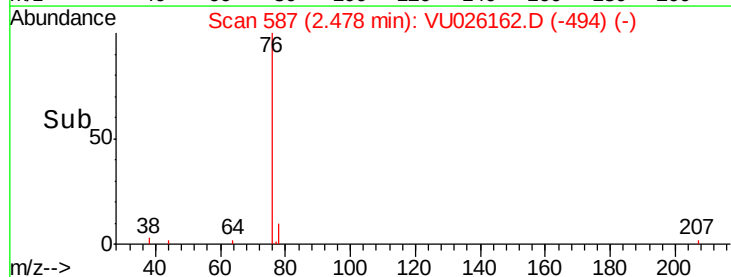
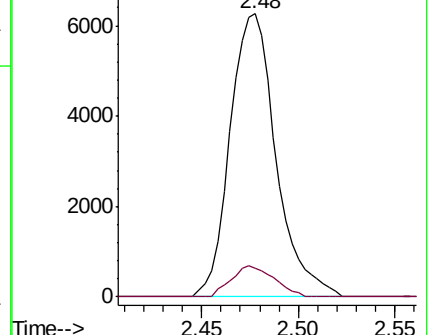
76 100

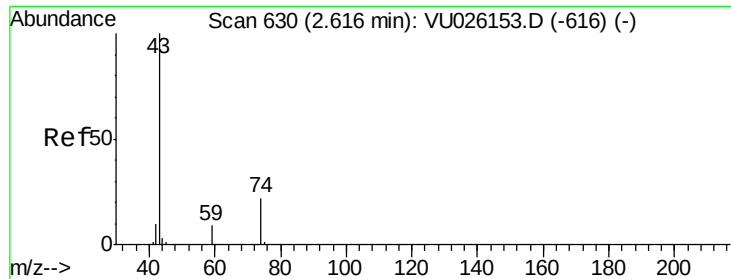
78 10.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

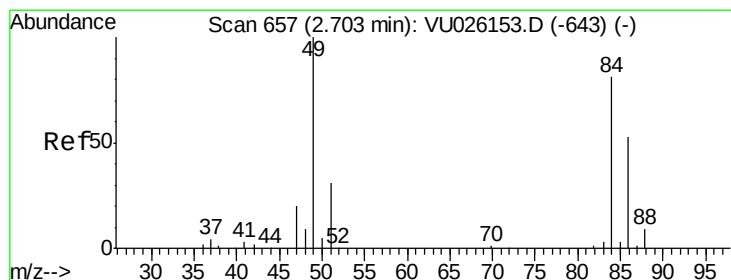
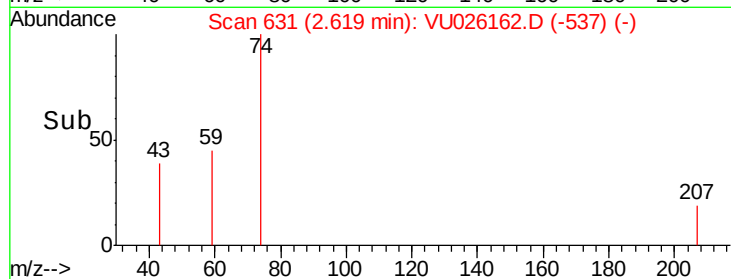
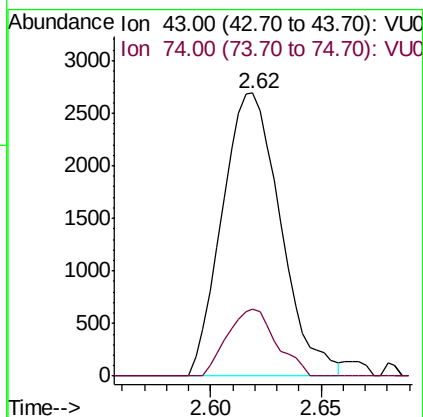
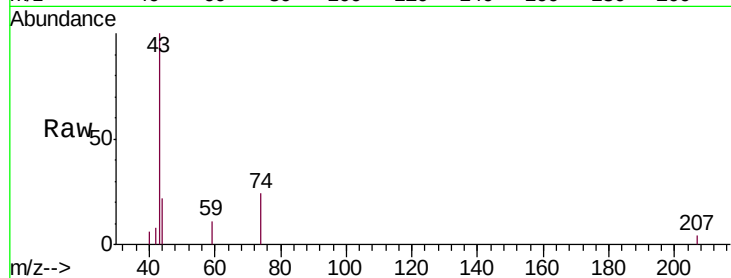




#15
Methyl Acetate
Concen: 2.412 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

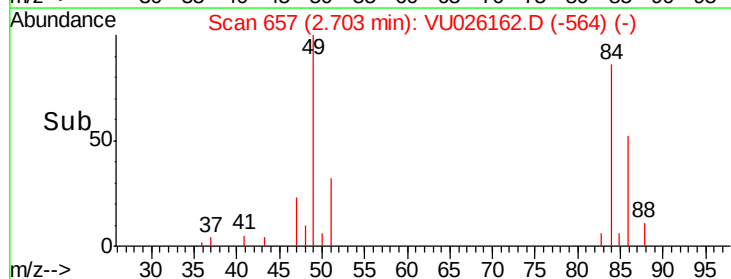
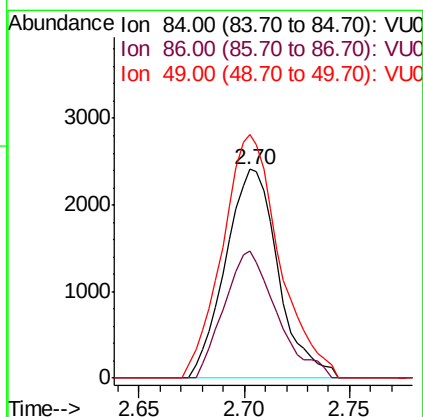
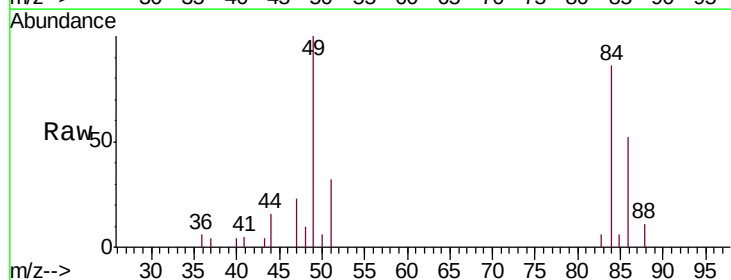
Instrument :
MSVOA_U
ClientSampleId :
MDL07

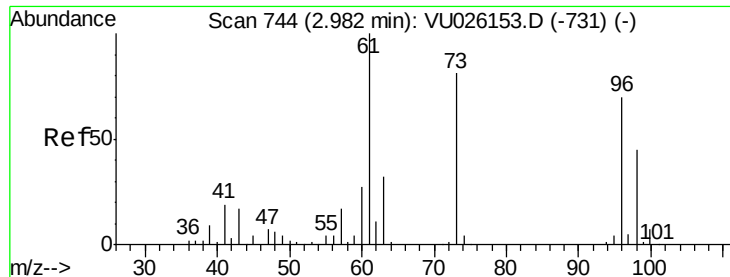
Tgt Ion: 43 Resp: 4928
Ion Ratio Lower Upper
43 100
74 19.8 18.6 28.0



#16
Methylene chloride
Concen: 2.076 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Tgt Ion: 84 Resp: 4199
Ion Ratio Lower Upper
84 100
86 60.9 44.0 81.6
49 116.8 87.7 162.9

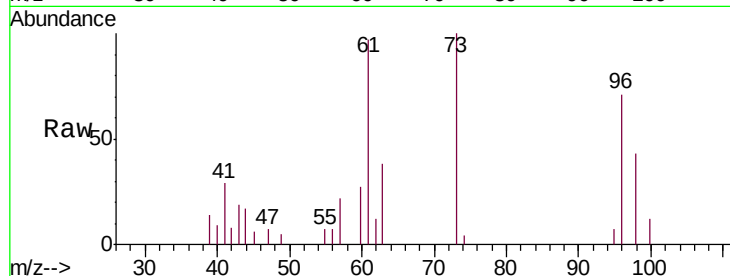




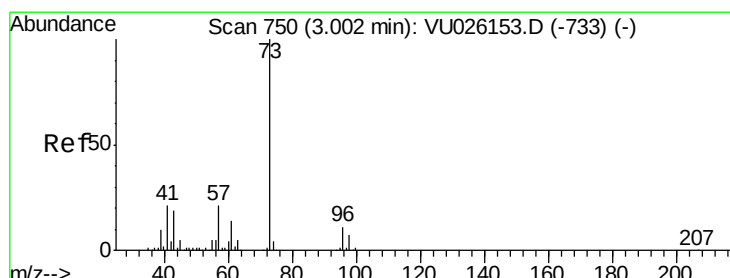
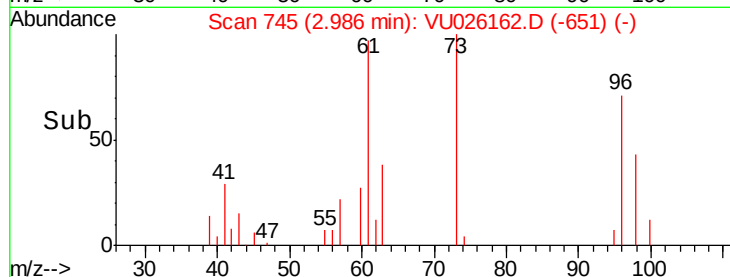
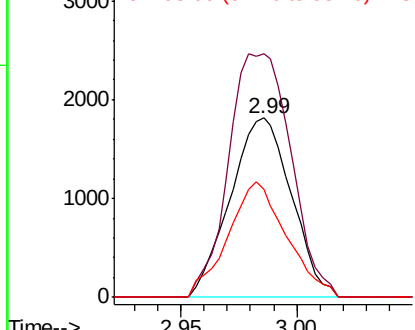
#17
trans-1,2-Dichloroethene
Concen: 1.861 ug/L
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 96 Resp: 3332
Ion Ratio Lower Upper
96 100
61 135.7 96.7 179.5
98 60.0 43.6 81.0

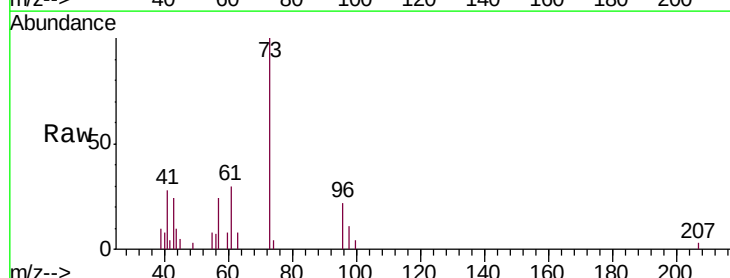


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

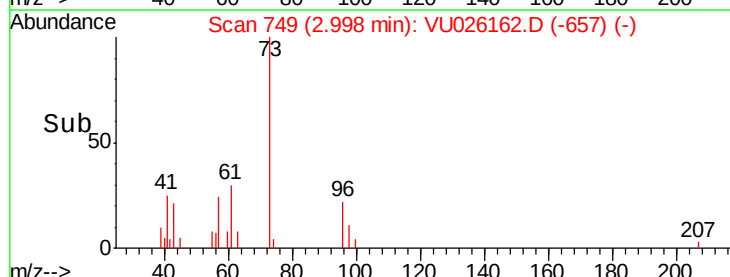
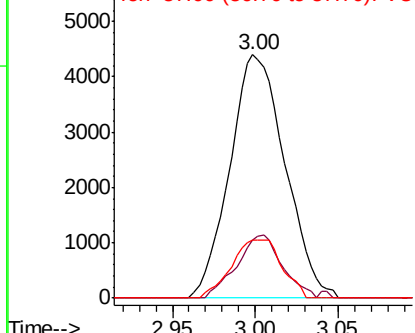


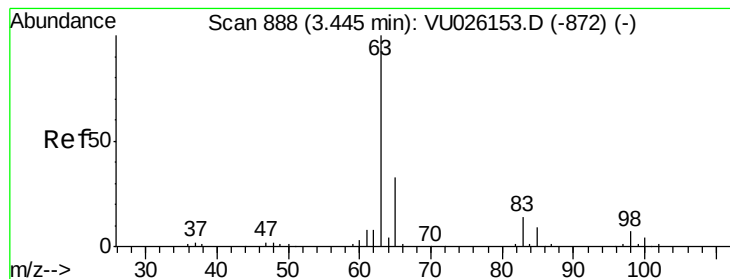
#18
Methyl tert-butyl Ether
Concen: 1.791 ug/L
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Tgt Ion: 73 Resp: 10179
Ion Ratio Lower Upper
73 100
43 21.2 16.2 24.4
57 21.8 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





#19

1,1-Dichloroethane

Concen: 1.986 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

MDL07

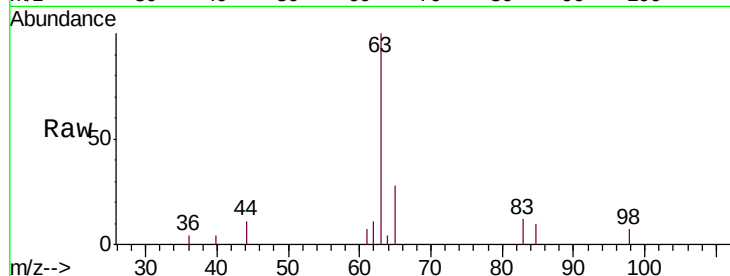
Tgt Ion: 63 Resp: 6847

Ion Ratio Lower Upper

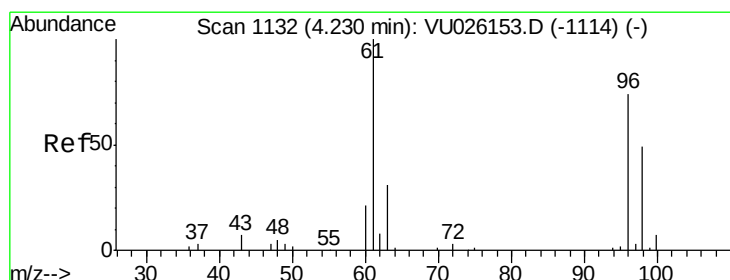
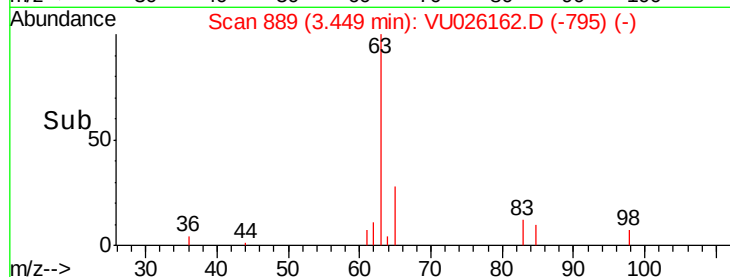
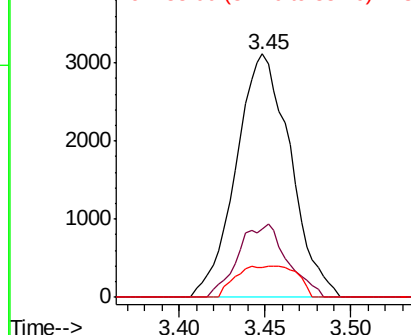
63 100

65 28.1 22.1 41.1

83 12.3 9.4 17.4



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 1.903 ug/L

RT: 4.22 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

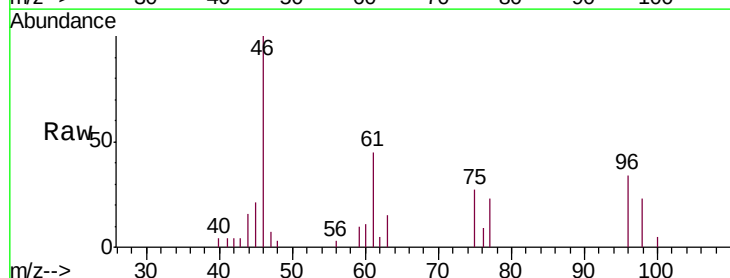
Tgt Ion: 96 Resp: 3821

Ion Ratio Lower Upper

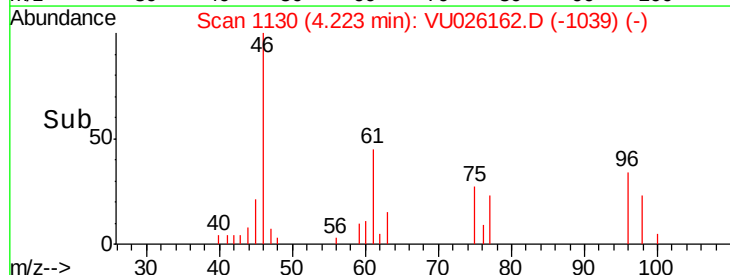
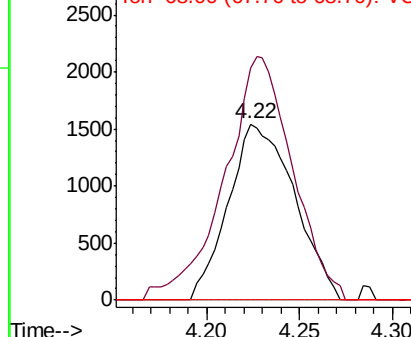
96 100

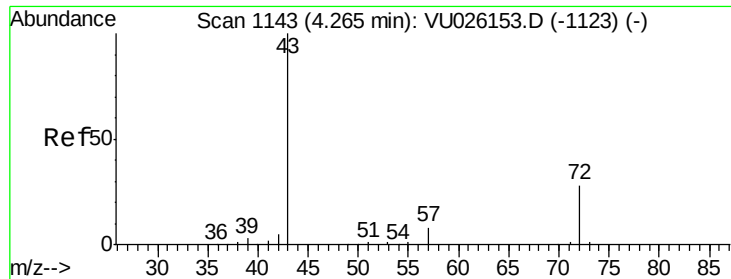
61 131.7 88.6 164.6

68 0.0 0.0 0.0



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

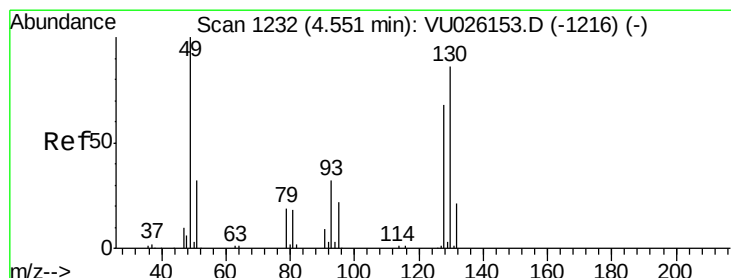
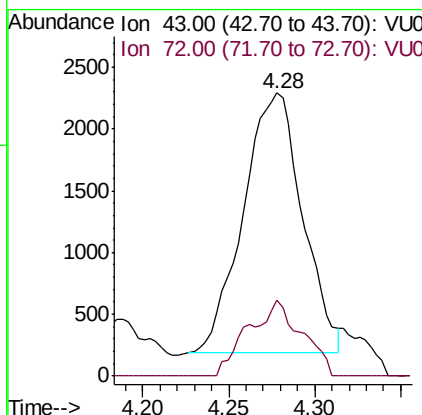
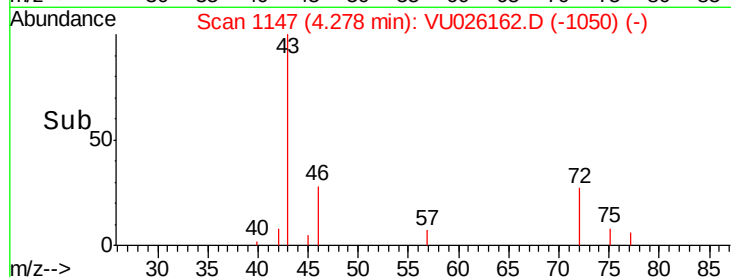
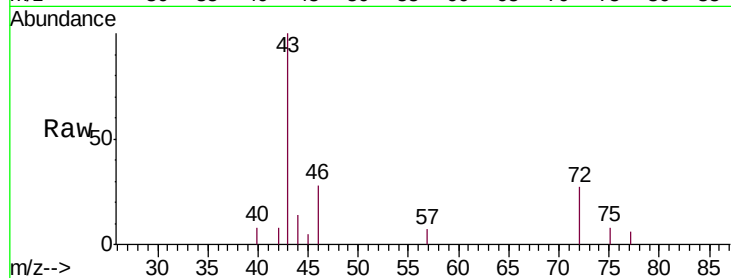




#22
 2-Butanone
 Concen: 3.436 ug/L
 RT: 4.28 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

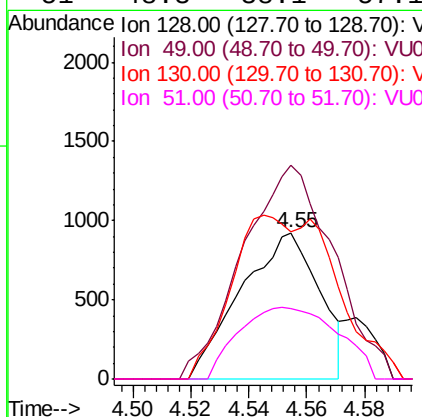
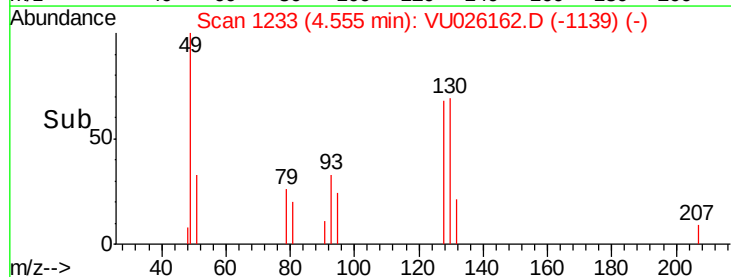
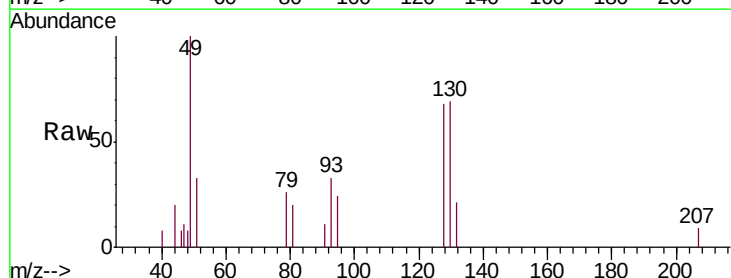
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

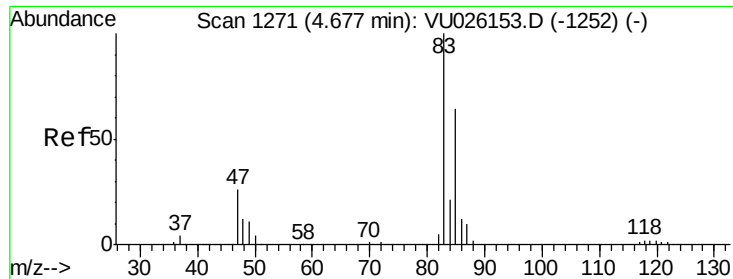
Tgt Ion: 43 Resp: 5041
 Ion Ratio Lower Upper
 43 100
 72 17.2 13.4 40.1



#23
 Bromochloromethane
 Concen: 1.603 ug/L
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Tgt Ion: 128 Resp: 1740
 Ion Ratio Lower Upper
 128 100
 49 146.0 101.3 188.1
 130 100.3 86.4 160.4
 51 48.3 38.1 57.1

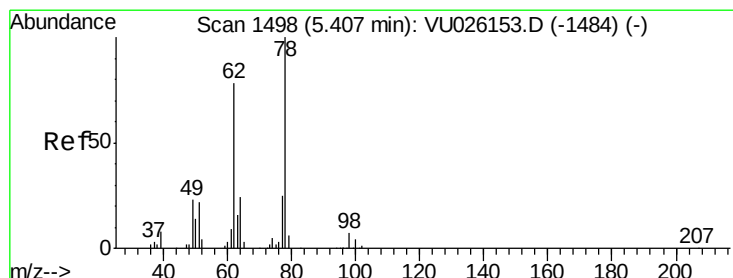
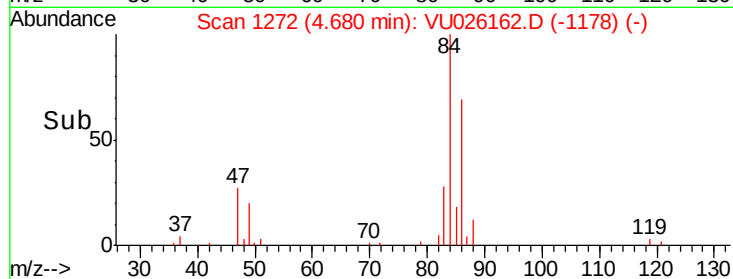
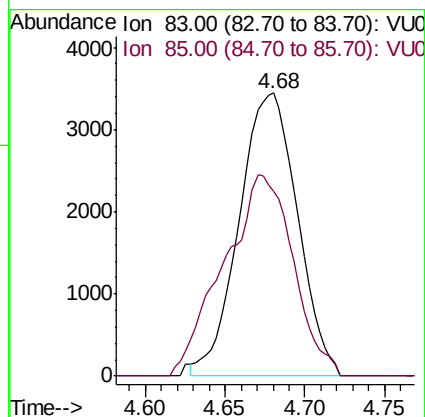
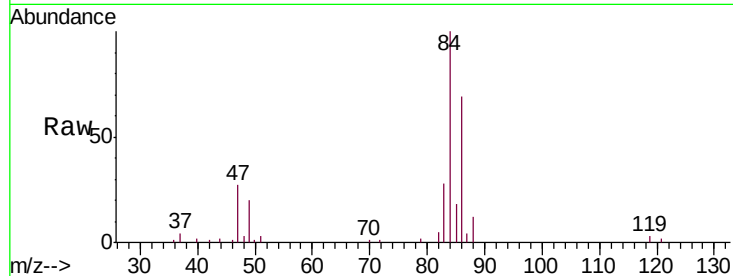




#25
Chloroform
Concen: 2.381 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

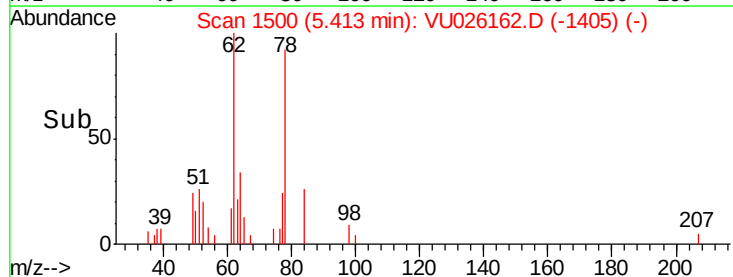
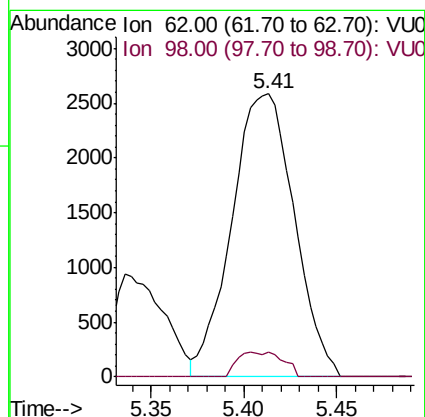
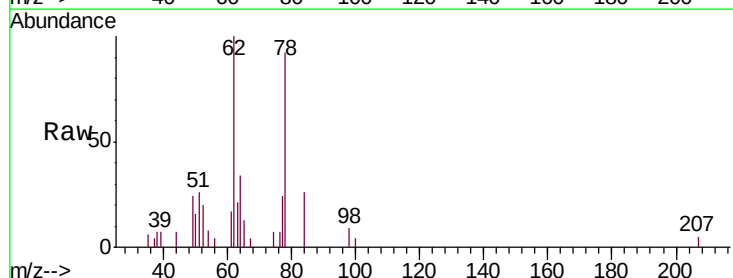
Instrument :
MSVOA_U
ClientSampleId :
MDL07

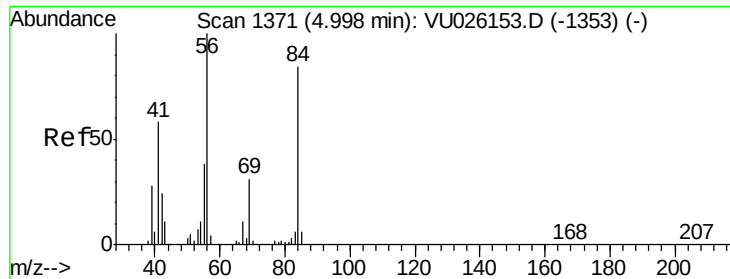
Tgt Ion: 83 Resp: 8618
Ion Ratio Lower Upper
83 100
85 65.4 46.3 86.1



#27
1,2-Dichloroethane
Concen: 2.067 ug/L
RT: 5.41 min Scan# 1500
Delta R.T. 0.01 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Tgt Ion: 62 Resp: 6047
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4

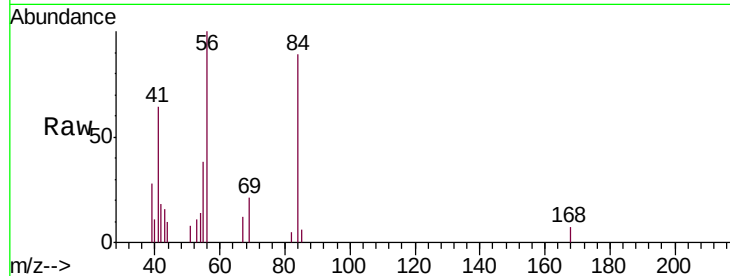




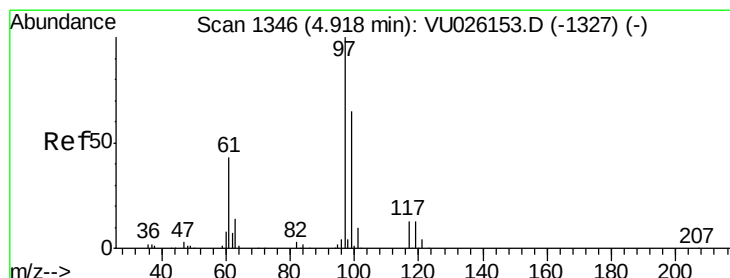
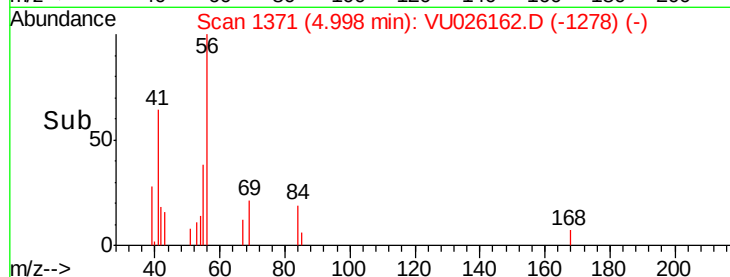
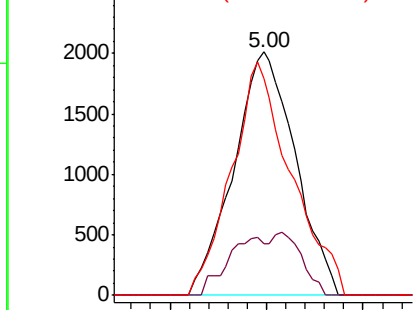
#29
Cyclohexane
Concen: 1.655 ug/L
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 56 Resp: 4456
Ion Ratio Lower Upper
56 100
69 12.3 24.1 36.1#
84 93.0 68.6 102.8

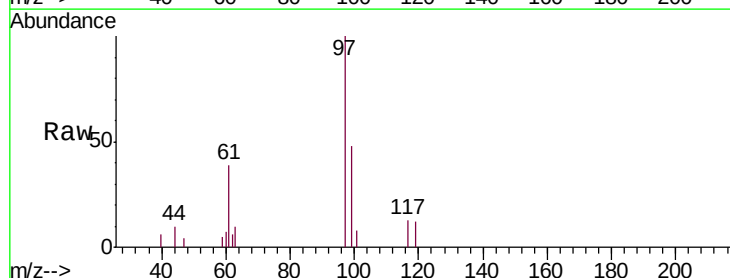


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

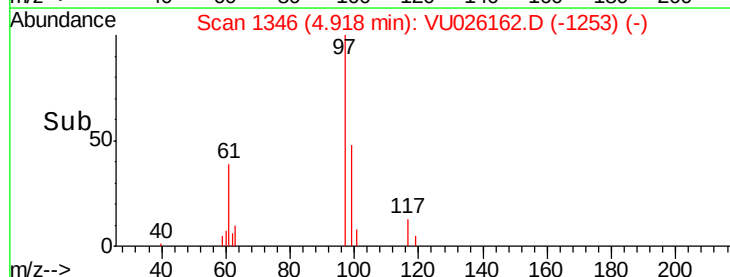
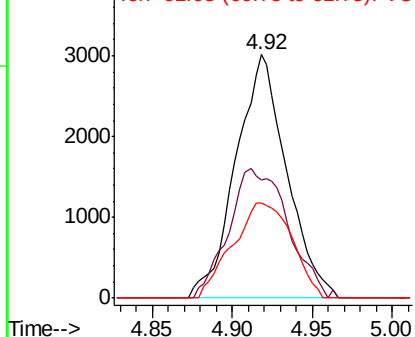


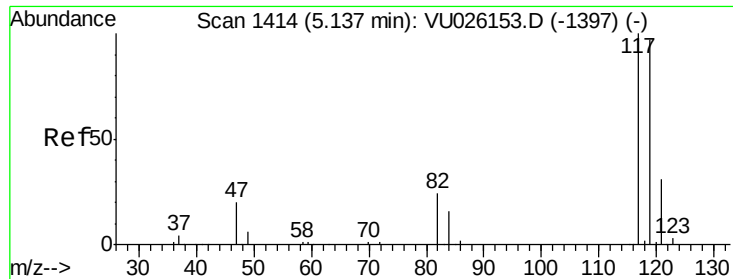
#30
1,1,1-Trichloroethane
Concen: 2.038 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Tgt Ion: 97 Resp: 6562
Ion Ratio Lower Upper
97 100
99 34.5 52.2 78.2#
61 45.9 35.4 53.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

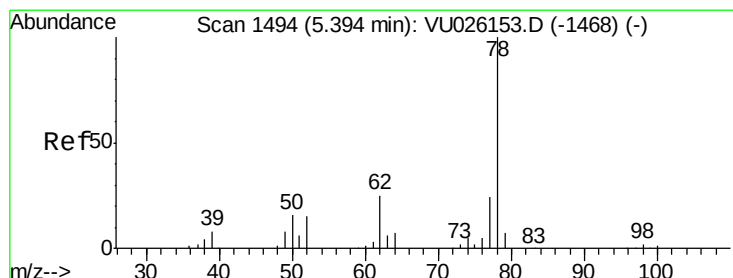
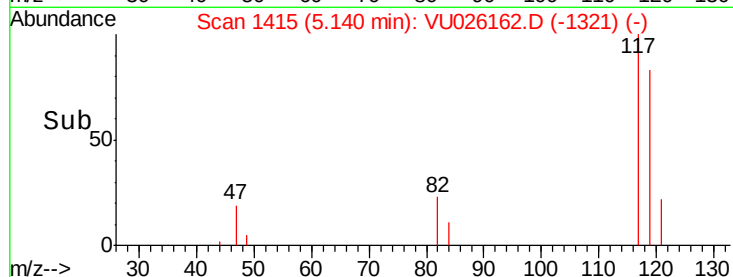
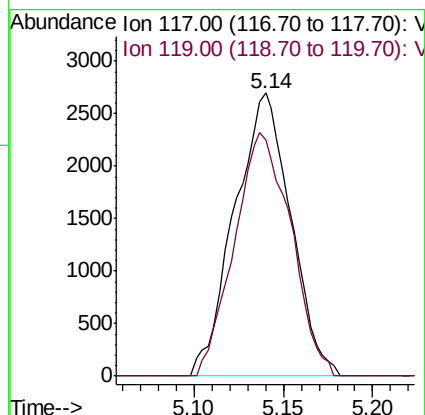
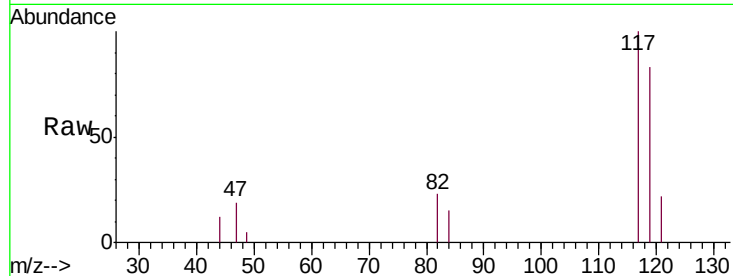




#31
Carbon tetrachloride
Concen: 2.036 ug/L
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

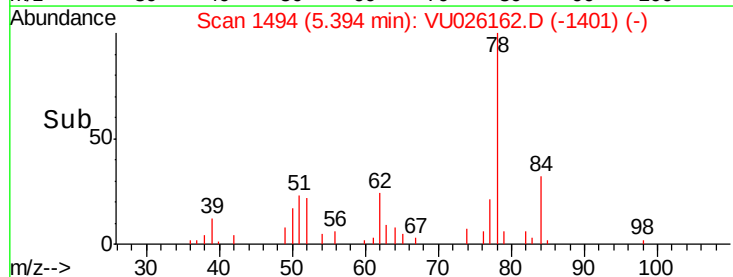
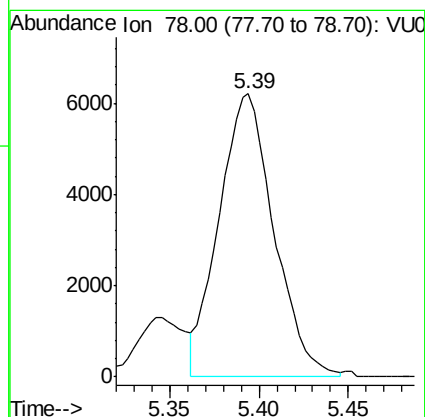
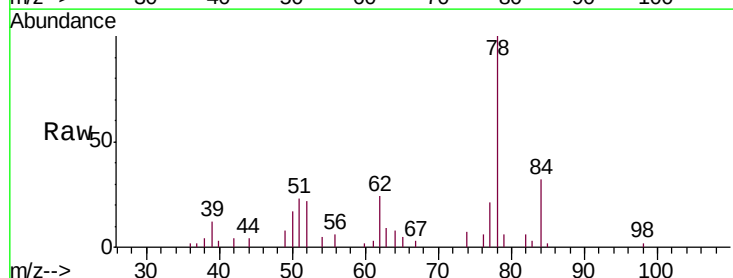
Instrument :
MSVOA_U
ClientSampleId :
MDL07

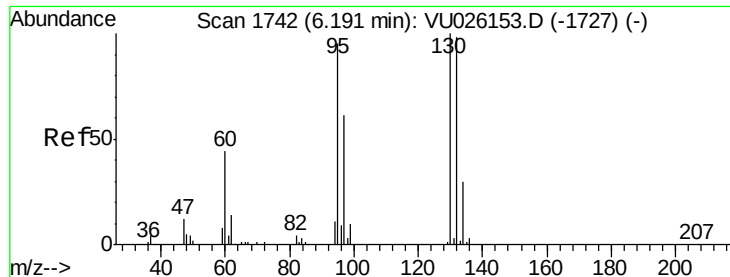
Tgt Ion: 117 Resp: 5940
Ion Ratio Lower Upper
117 100
119 86.2 77.4 116.2



#33
Benzene
Concen: 1.822 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Tgt Ion: 78 Resp: 13298

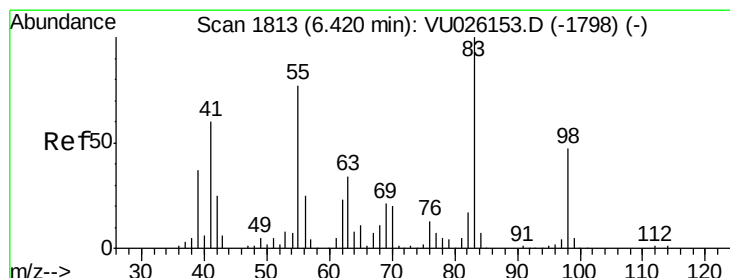
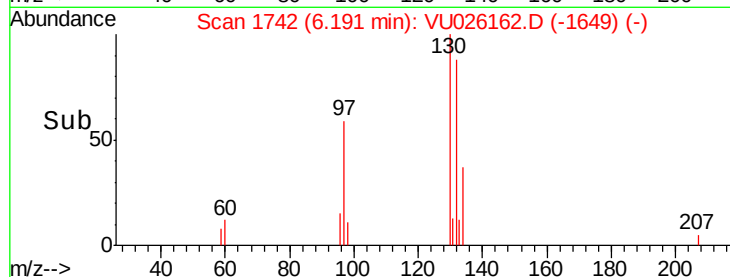
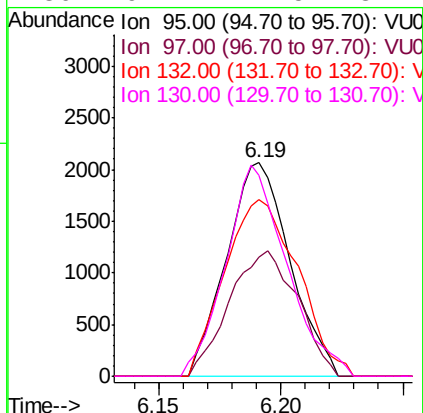
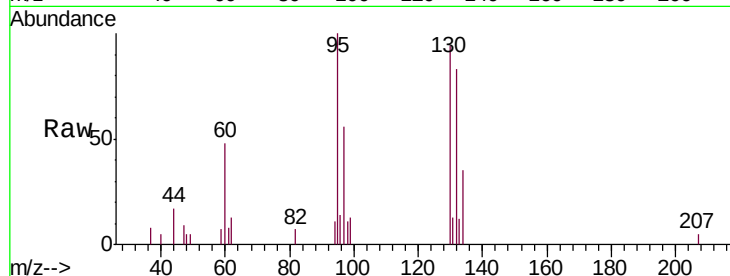




#34
 Trichloroethene
 Concen: 1.959 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

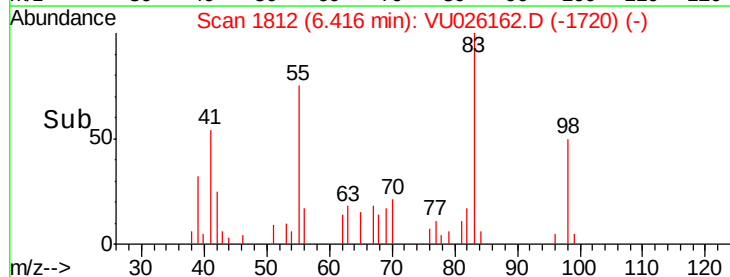
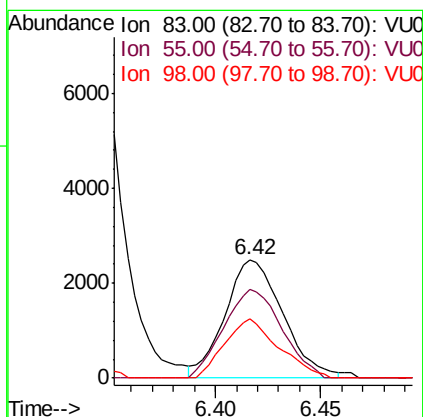
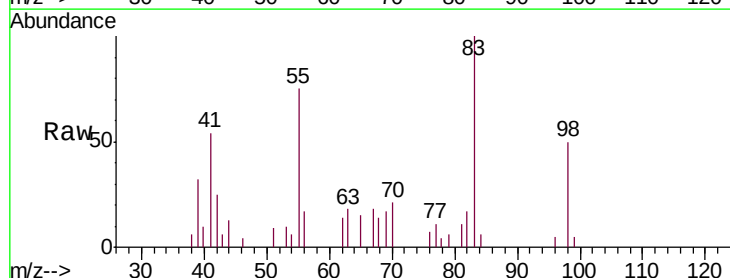
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

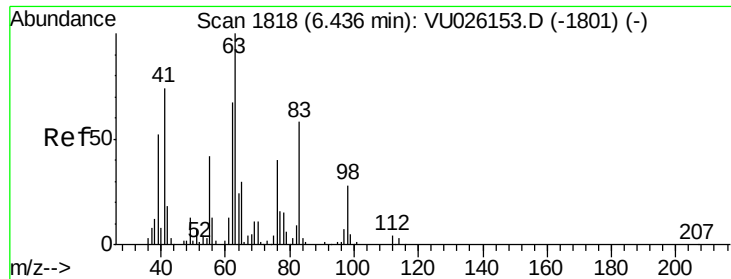
Tgt Ion:	95	Resp:	3725
Ion	Ratio	Lower	Upper
95	100		
97	55.9	45.7	84.9
132	82.9	68.8	127.8
130	94.2	71.5	132.7



#35
 Methylcyclohexane
 Concen: 1.661 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Tgt Ion:	83	Resp:	4741
Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.0	91.6
98	46.9	37.6	56.4

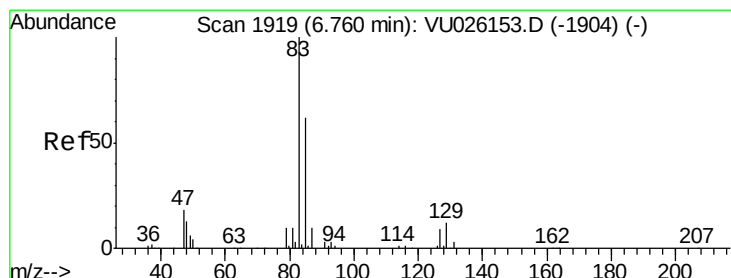
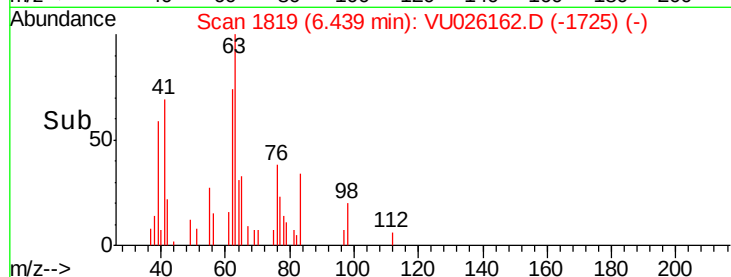
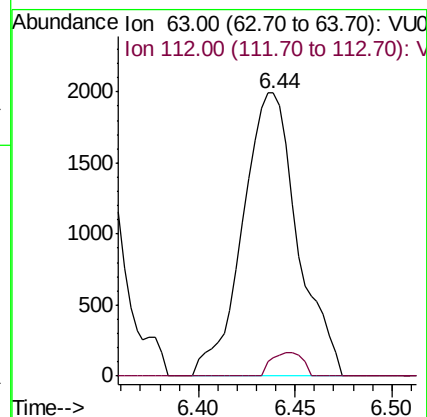
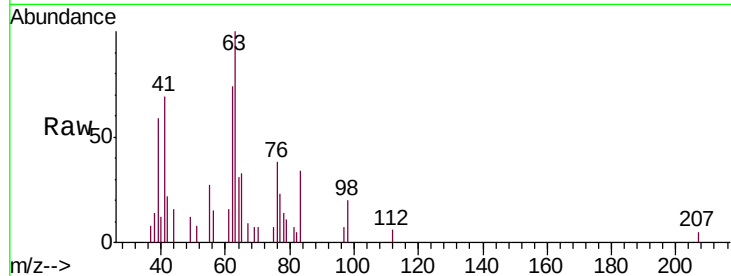




#37
 1,2-Dichloropropane
 Concen: 1.934 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

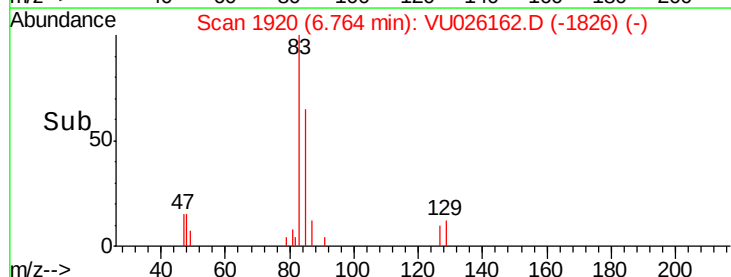
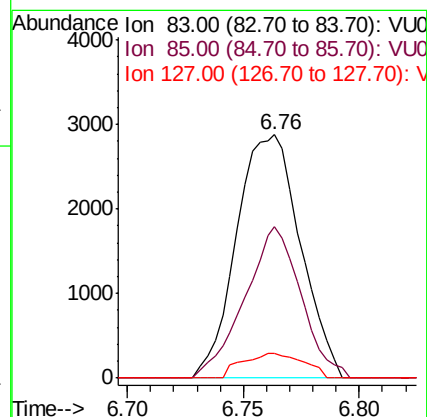
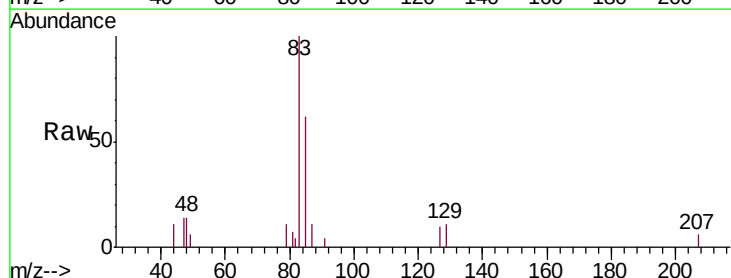
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

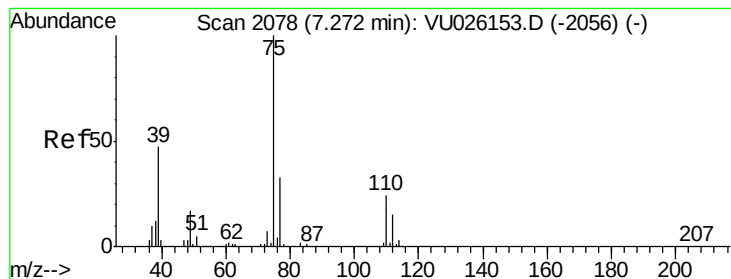
Tgt Ion: 63 Resp: 3941
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.5 5.3



#38
 Bromodichloromethane
 Concen: 2.034 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Tgt Ion: 83 Resp: 5490
 Ion Ratio Lower Upper
 83 100
 85 62.1 46.0 85.4
 127 9.9 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 1.813 ug/L

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampled :

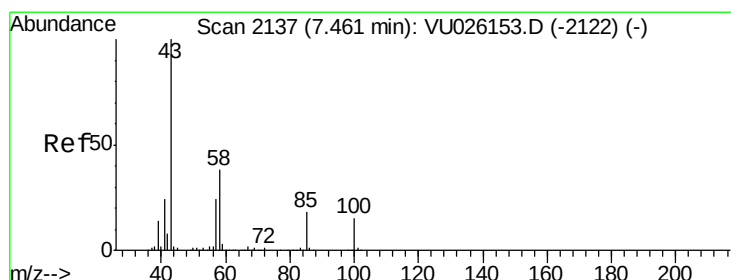
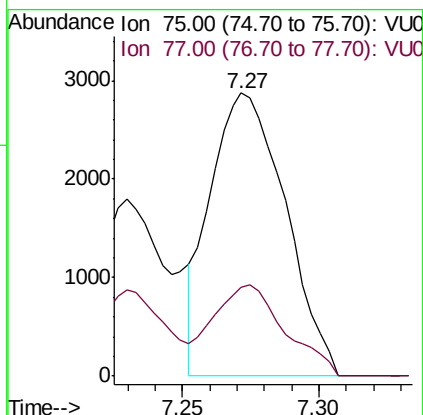
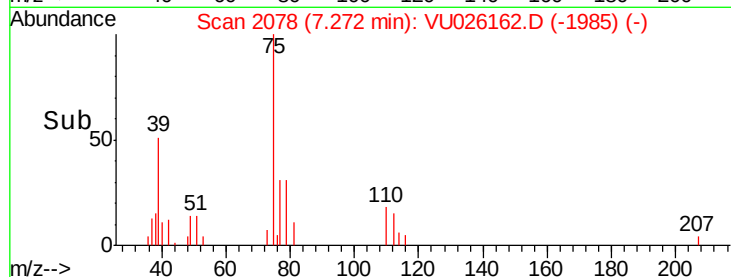
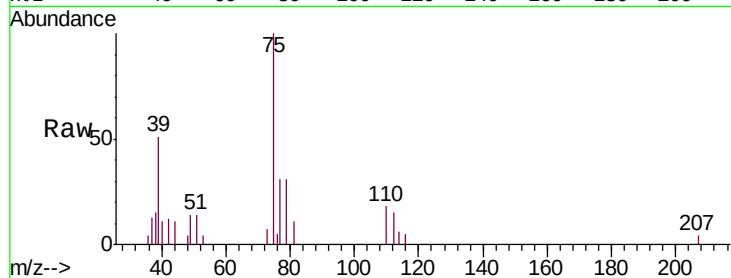
MDL07

Tgt Ion: 75 Resp: 5486

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 3.996 ug/L

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

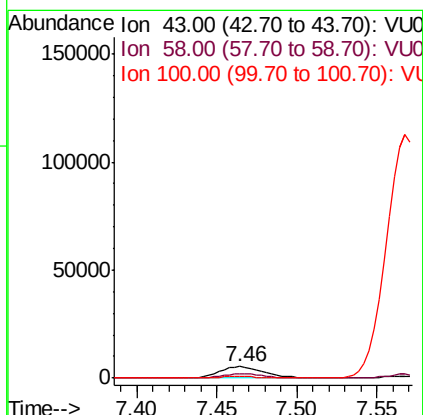
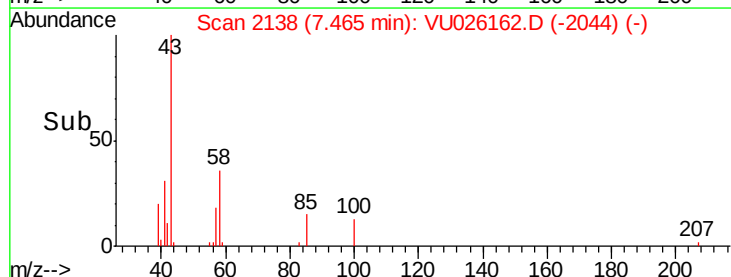
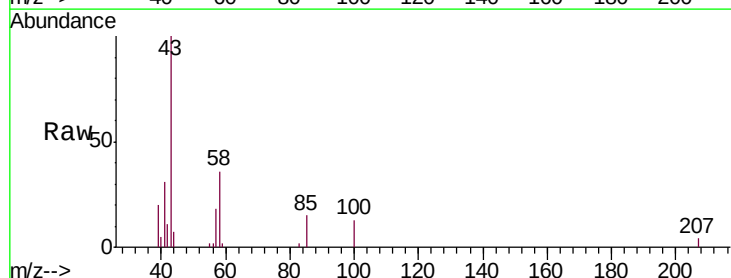
Tgt Ion: 43 Resp: 10103

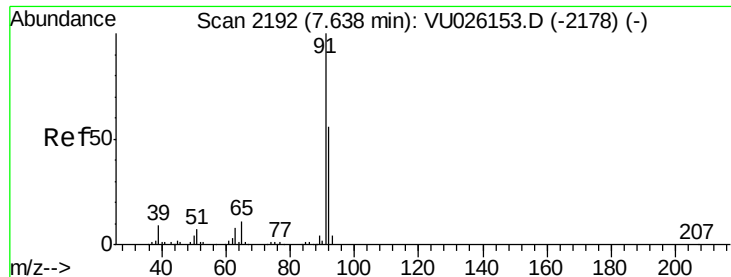
Ion Ratio Lower Upper

43 100

58 34.7 31.8 47.8

100 12.0 12.2 18.2#





#42

Toluene

Concen: 1.911 ug/L

RT: 7.64 min Scan# 2194

Delta R.T. 0.01 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

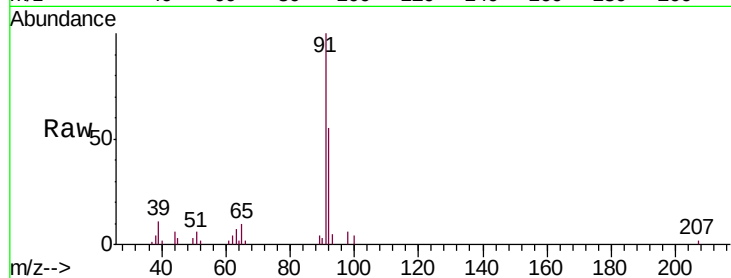
MDL07

Tgt Ion: 91 Resp: 14813

Ion Ratio Lower Upper

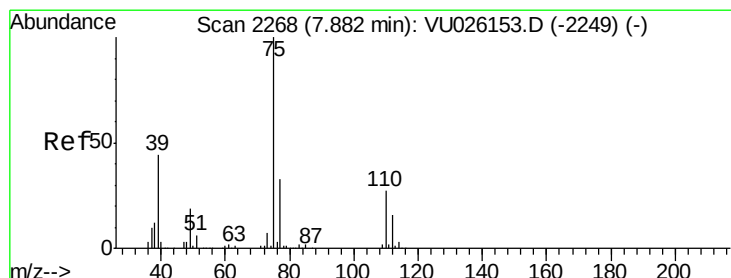
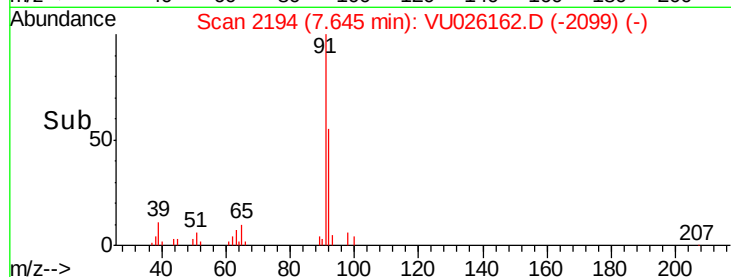
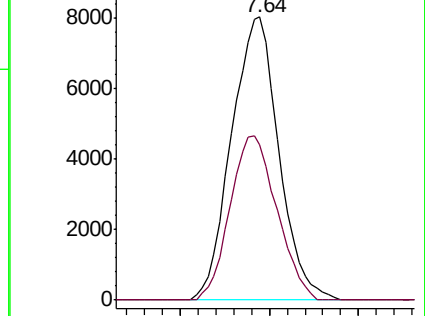
91 100

92 54.8 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 1.787 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU026162.D

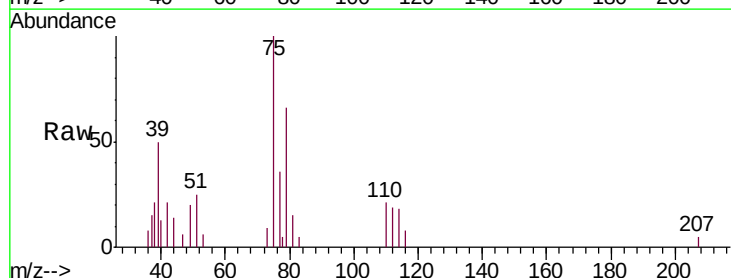
Acq: 15 Aug 2018 21:36

Tgt Ion: 75 Resp: 5210

Ion Ratio Lower Upper

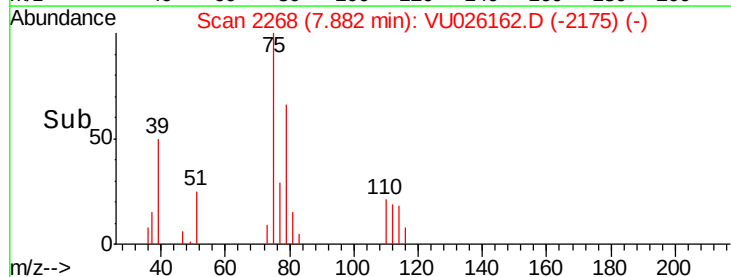
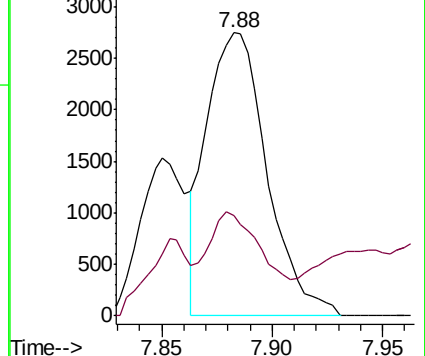
75 100

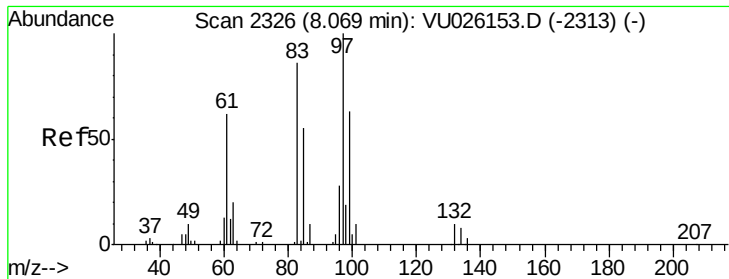
77 35.6 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

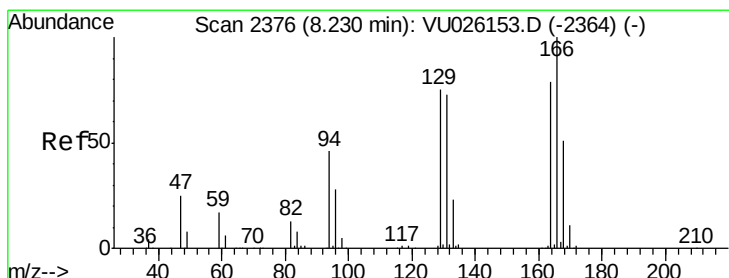
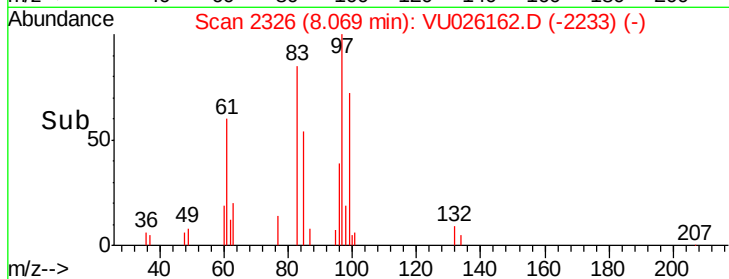
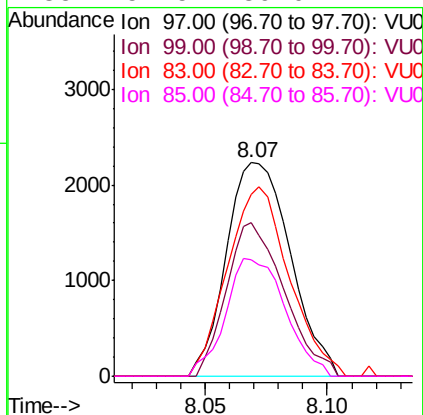
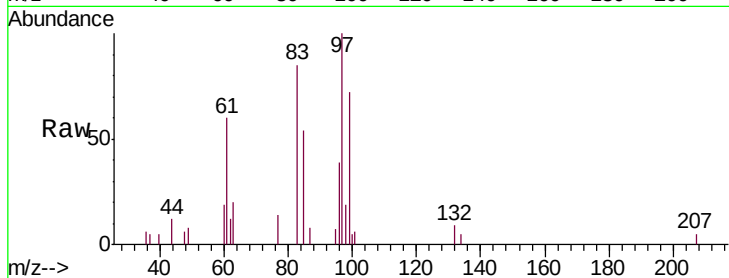




#45
 1,1,2-Trichloroethane
 Concen: 2.111 ug/L
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

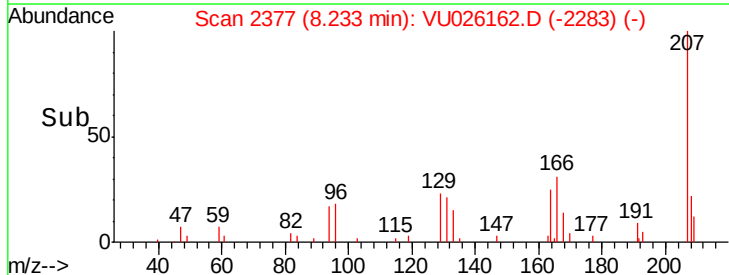
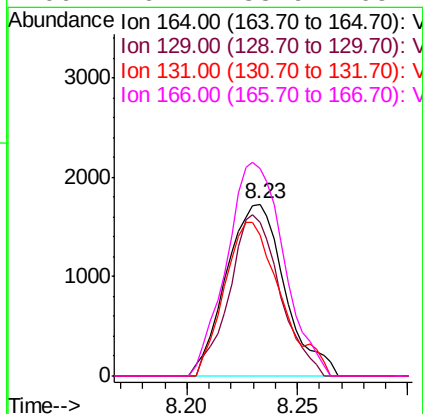
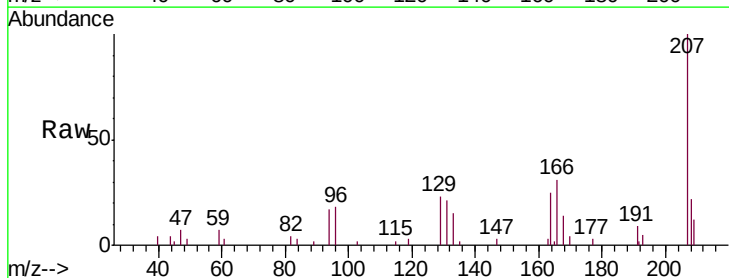
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

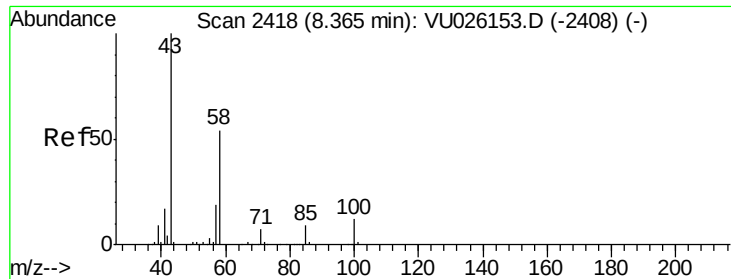
Tgt Ion:	97	Resp:	4080
Ion	Ratio	Lower	Upper
97	100		
99	72.2	43.3	80.5
83	85.4	58.4	108.6
85	54.5	39.0	72.4



#46
 Tetrachloroethene
 Concen: 1.946 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Tgt Ion:	164	Resp:	3191
Ion	Ratio	Lower	Upper
164	100		
129	89.1	65.7	121.9
131	81.9	62.0	115.2
166	120.7	88.9	165.1

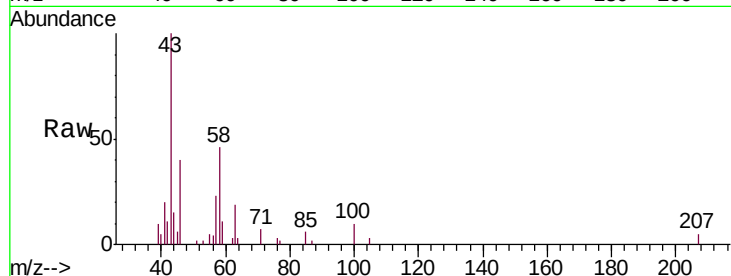




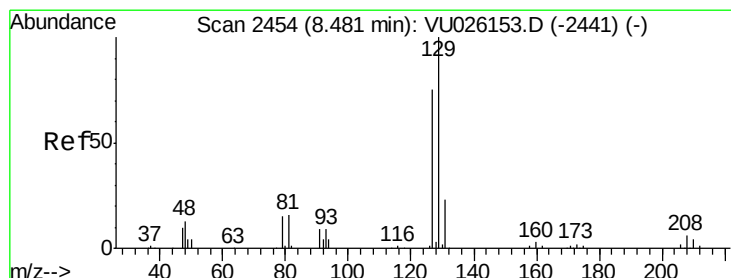
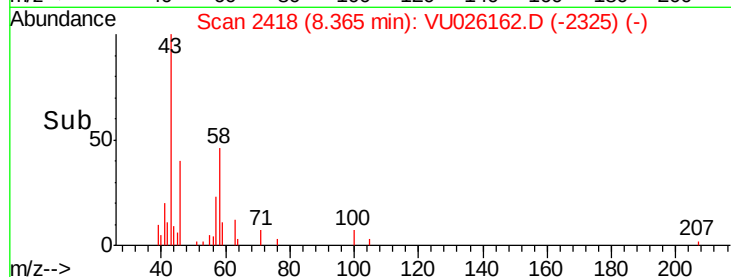
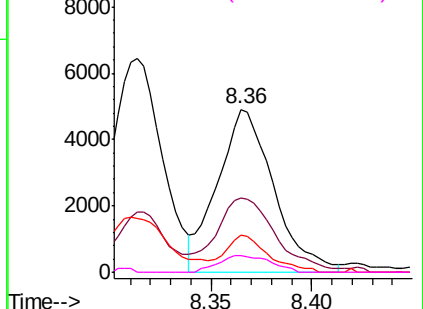
#48
2-Hexanone
Concen: 4.821 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:	43	Resp:	9551
Ion	Ratio	Lower	Upper
43	100		
58	48.3	42.9	64.3
57	17.4	15.1	22.7
100	9.6	9.2	13.8

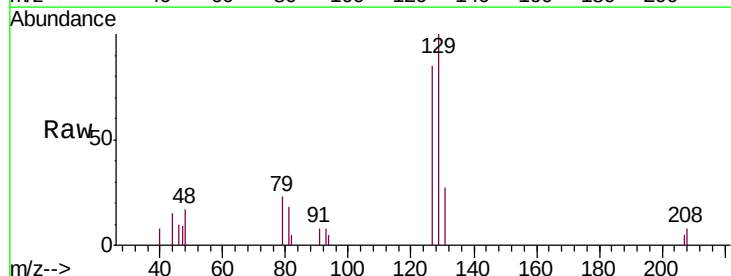


Abundance Ion 43.00 (42.70 to 43.70): VU026162.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU026162.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU026162.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU026162.D (-2325) (-)

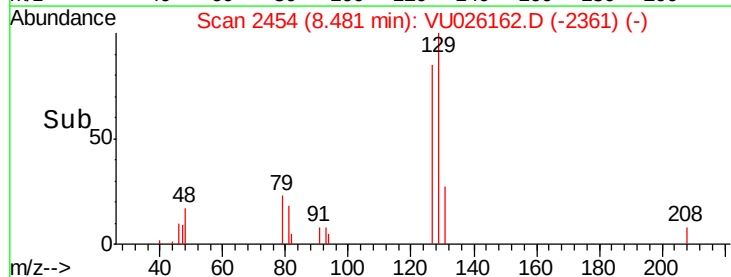
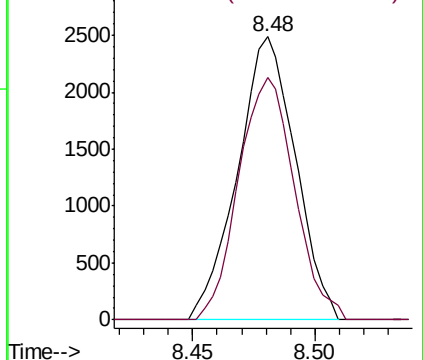


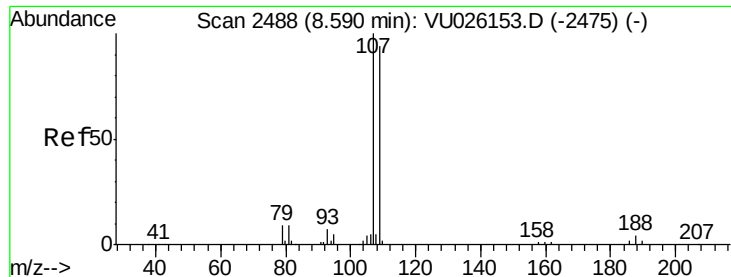
#49
Dibromochloromethane
Concen: 1.757 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU026162.D
Acq: 15 Aug 2018 21:36

Tgt Ion:	129	Resp:	4090
Ion	Ratio	Lower	Upper
129	100		
127	85.5	54.6	101.4



Abundance Ion 129.00 (128.70 to 129.70): VU026162.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU026162.D (-2361) (-)

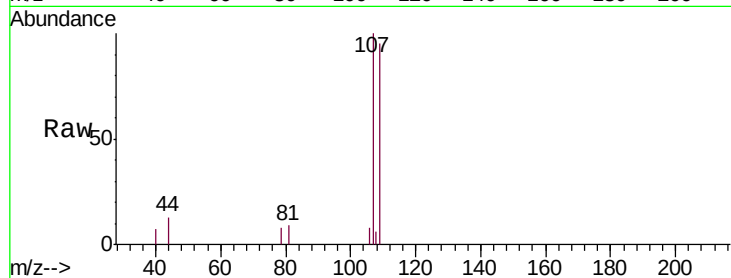




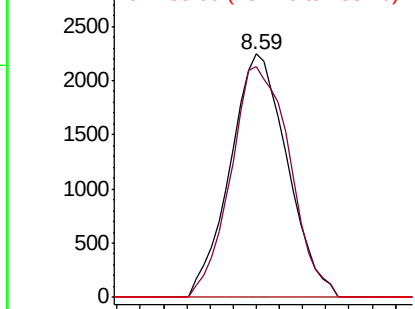
#50
 1,2-Dibromoethane
 Concen: 1.910 ug/L
 RT: 8.59 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

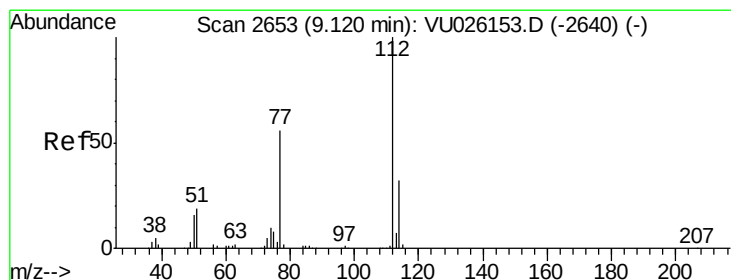
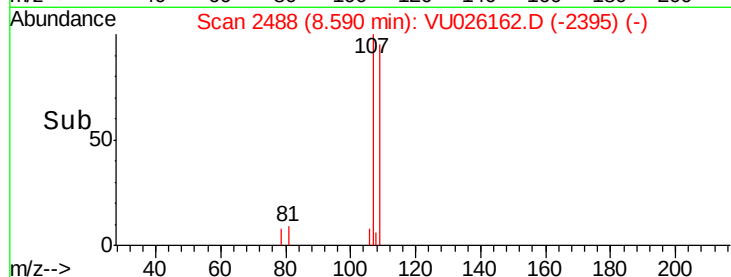
Tgt Ion:107 Resp: 3833
 Ion Ratio Lower Upper
 107 100
 109 94.7 66.1 122.7
 188 0.0 3.2 4.8#



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

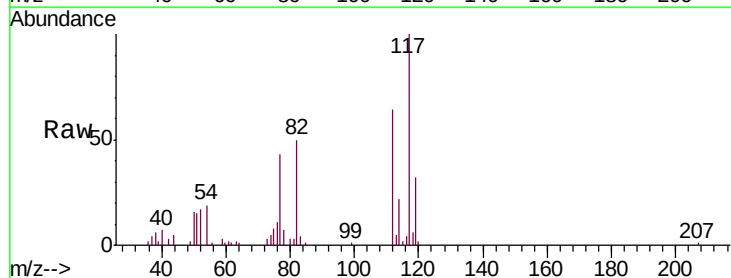


Time-->

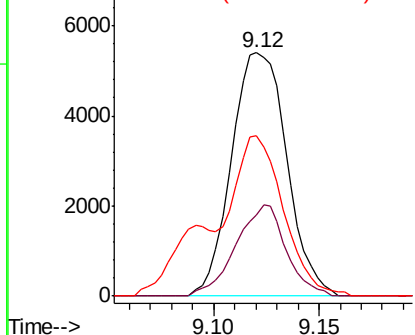


#51
 Chlorobenzene
 Concen: 1.857 ug/L
 RT: 9.12 min Scan# 2653
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

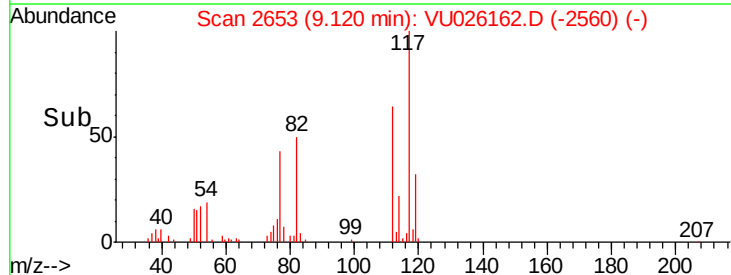
Tgt Ion:112 Resp: 9838
 Ion Ratio Lower Upper
 112 100
 114 33.5 22.5 41.9
 77 66.1 45.0 67.4

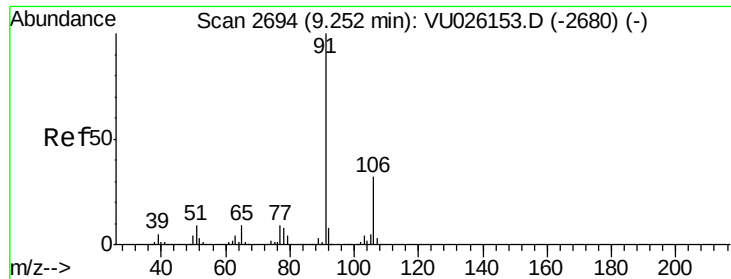


Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): VU0



Time-->





#52

Ethylbenzene

Concen: 1.683 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

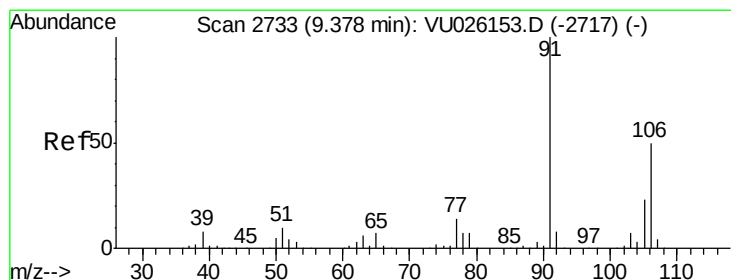
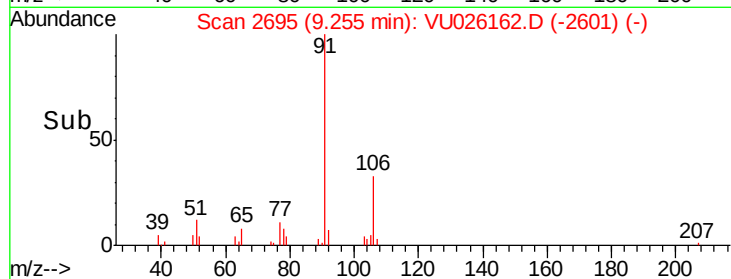
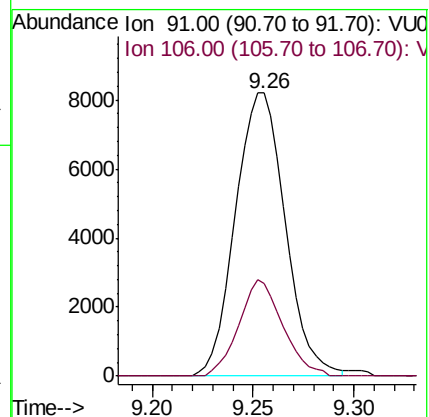
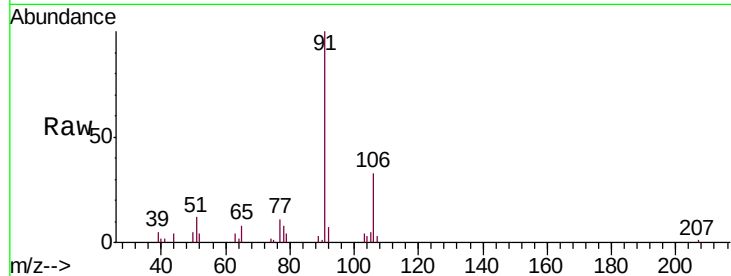
MDL07

Tgt Ion: 91 Resp: 14205

Ion Ratio Lower Upper

91 100

106 32.6 22.3 41.5



#53

m,p-Xylene

Concen: 1.476 ug/L

RT: 9.37 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU026162.D

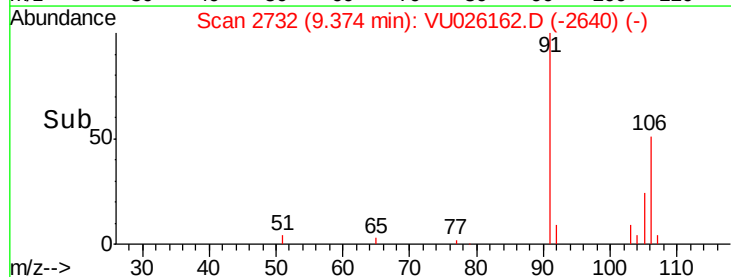
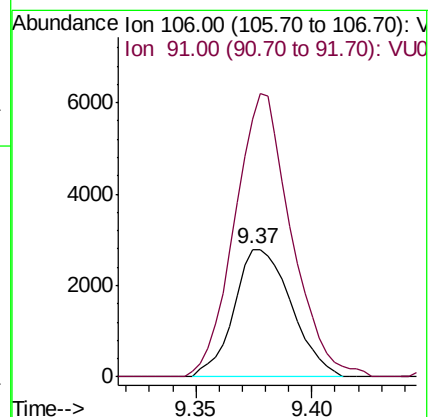
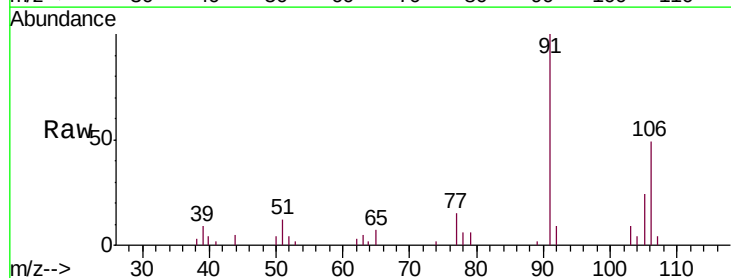
Acq: 15 Aug 2018 21:36

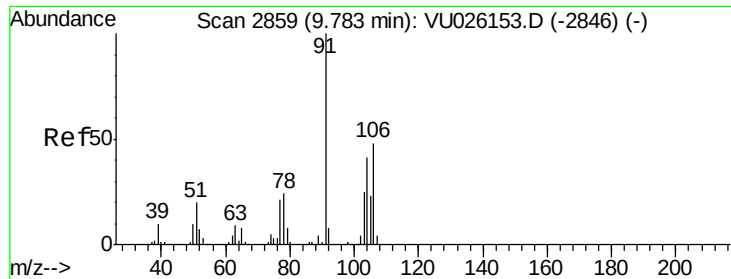
Tgt Ion: 106 Resp: 4802

Ion Ratio Lower Upper

106 100

91 202.1 139.2 258.4





#54

o-xylene

Concen: 1.682 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

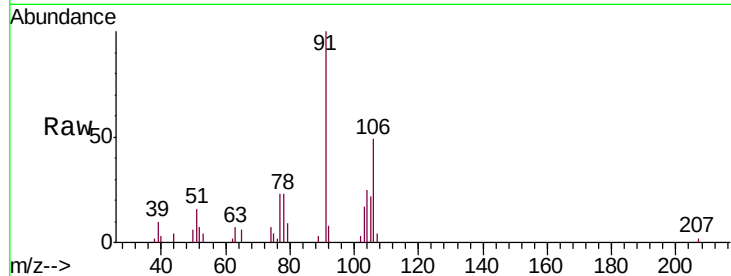
MDL07

Tgt Ion:106 Resp: 5460

Ion Ratio Lower Upper

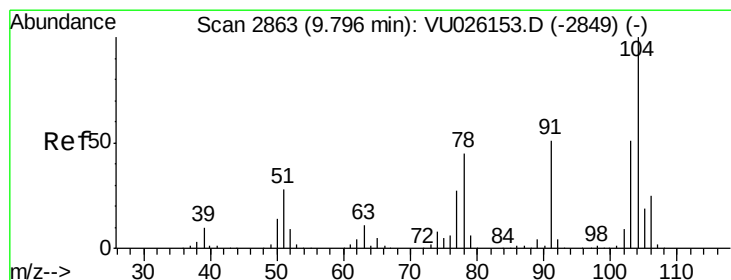
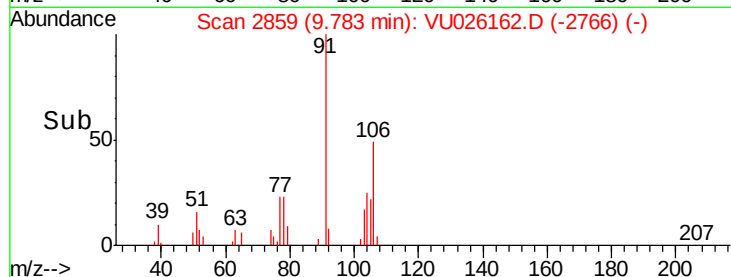
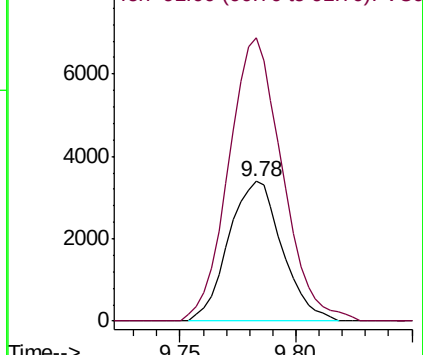
106 100

91 202.3 148.0 274.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 1.348 ug/L

RT: 9.80 min Scan# 2864

Delta R.T. 0.00 min

Lab File: VU026162.D

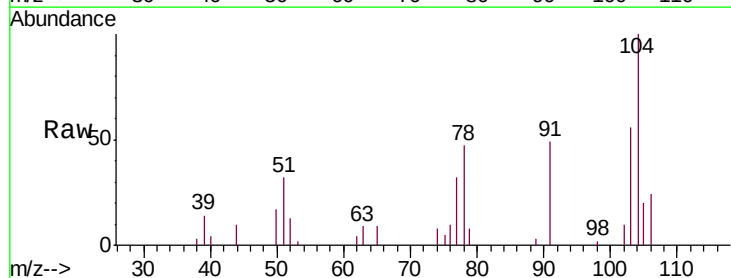
Acq: 15 Aug 2018 21:36

Tgt Ion:104 Resp: 7288

Ion Ratio Lower Upper

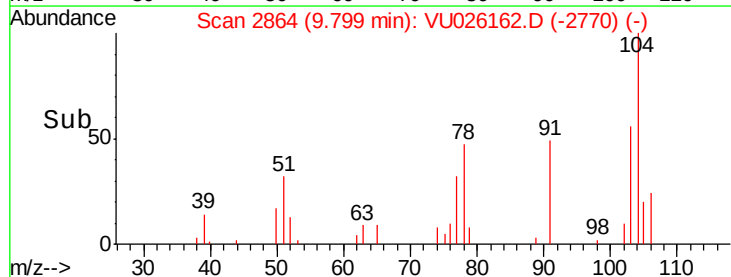
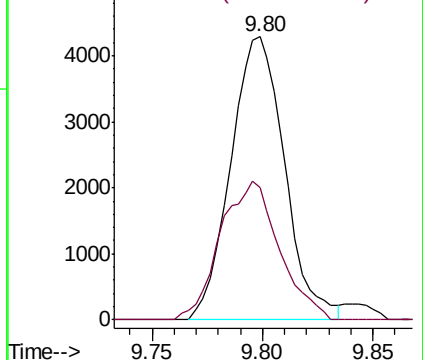
104 100

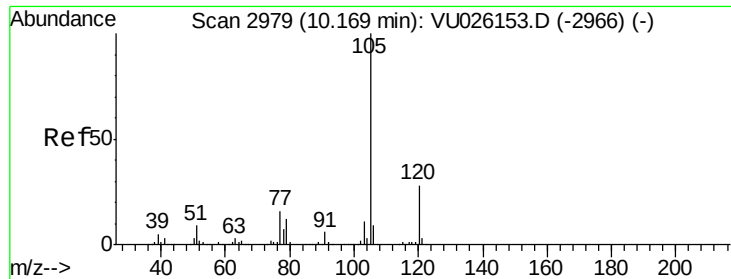
78 46.8 30.9 57.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 1.447 ug/L

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

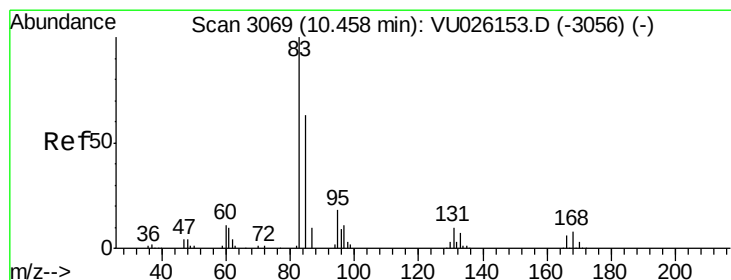
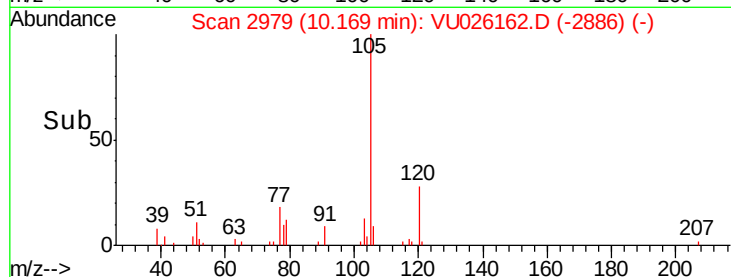
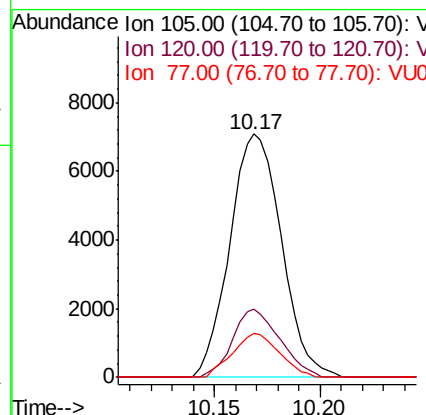
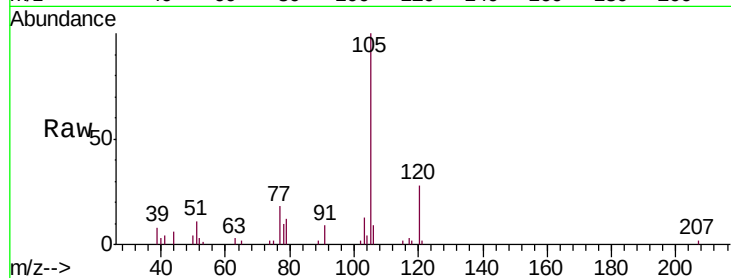
Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion:	105	Resp:	12059
Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.5	32.3
77	16.3	12.3	18.5



#58

1,1,2,2-Tetrachloroethane

Concen: 2.140 ug/L

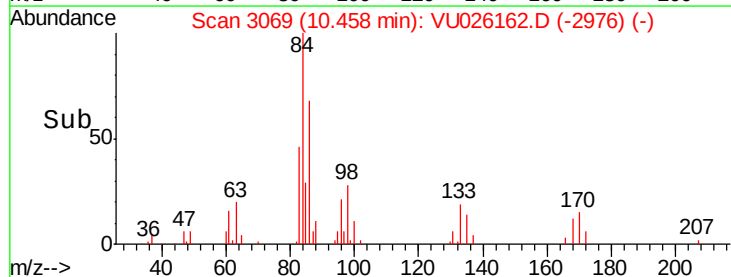
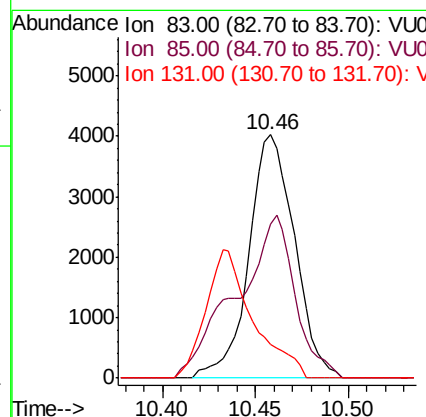
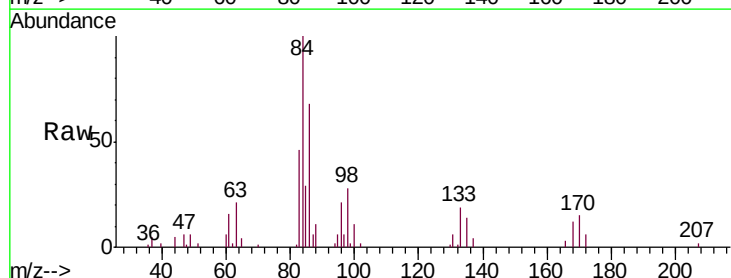
RT: 10.46 min Scan# 3069

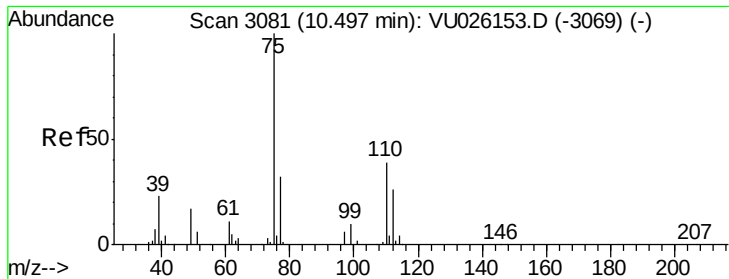
Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Tgt Ion:	83	Resp:	6906
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.0	83.6
131	14.1	8.4	12.6#

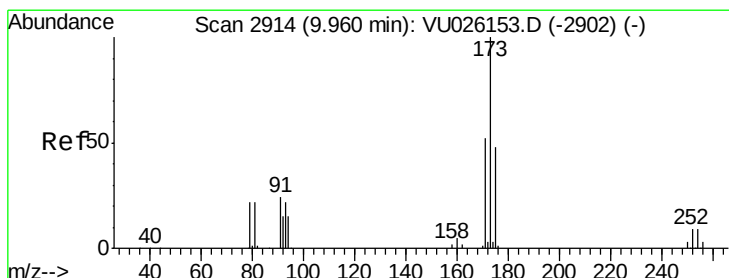
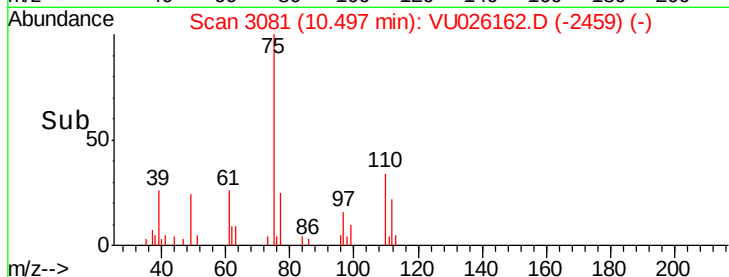
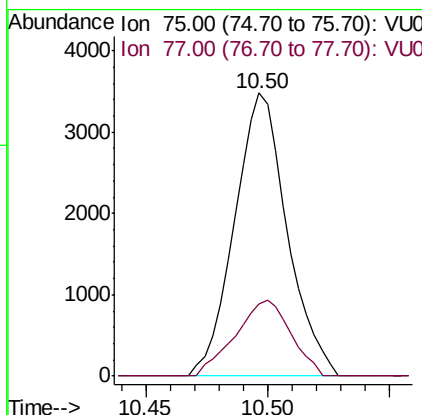
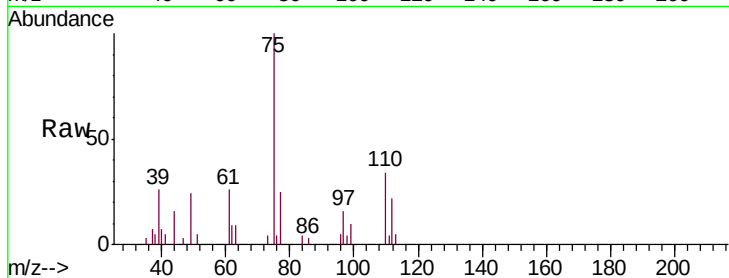




#59
 1,2,3-Trichloropropane
 Concen: 2.072 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

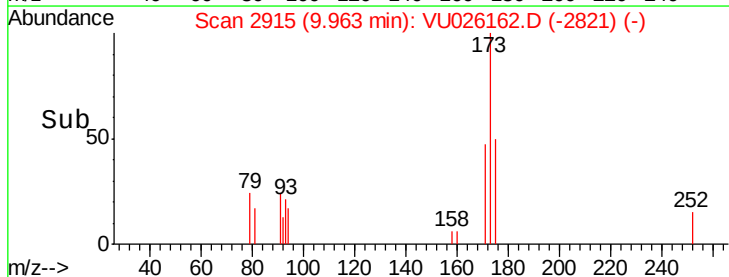
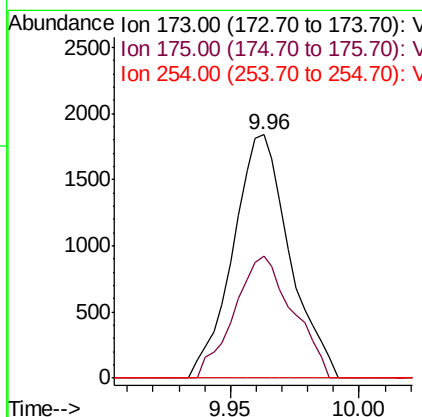
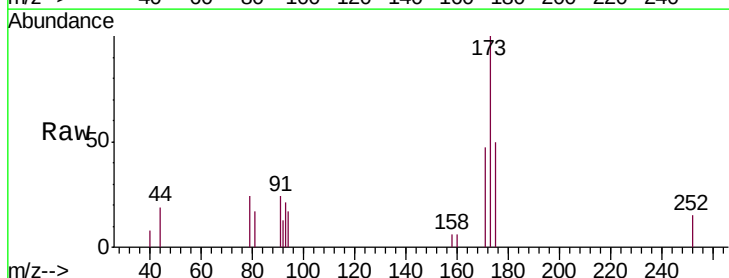
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

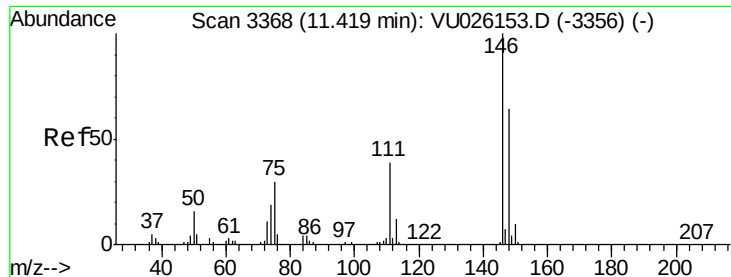
Tgt Ion: 75 Resp: 5201
 Ion Ratio Lower Upper
 75 100
 77 28.3 26.1 39.1



#61
 Bromoform
 Concen: 1.904 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Tgt Ion: 173 Resp: 2816
 Ion Ratio Lower Upper
 173 100
 175 51.9 38.8 58.2
 254 0.0 7.3 10.9#





#62

1,3-Dichlorobenzene

Concen: 1.750 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

MDL07

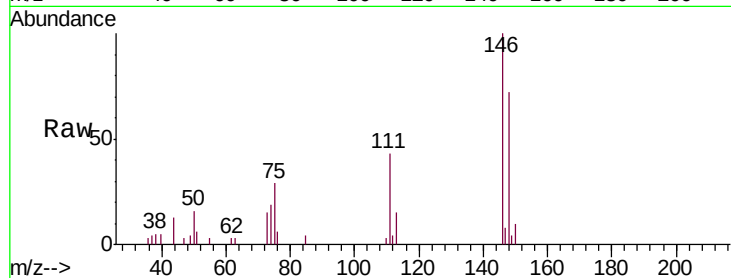
Tgt Ion:146 Resp: 5932

Ion Ratio Lower Upper

146 100

111 42.6 26.7 49.7

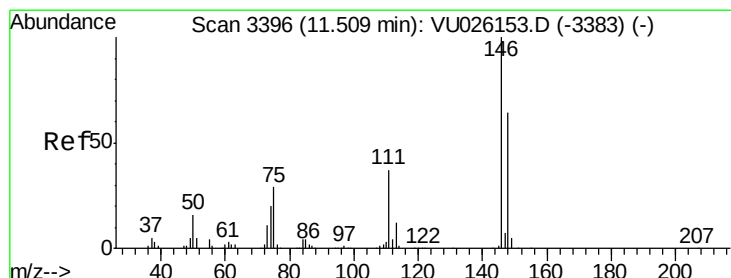
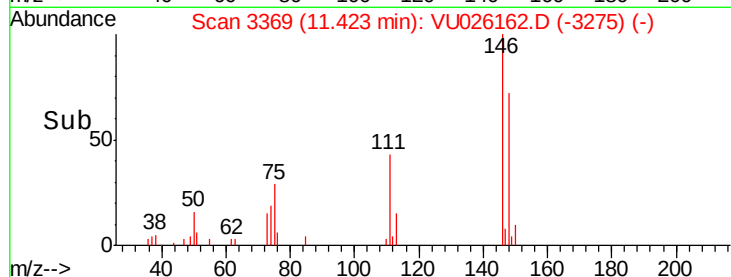
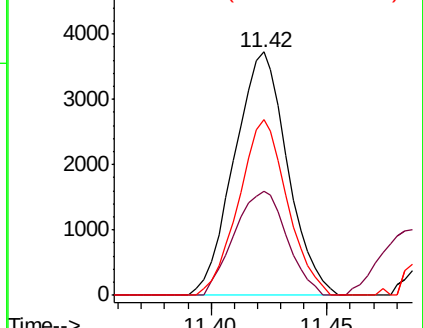
148 72.2 44.1 81.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 2.006 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

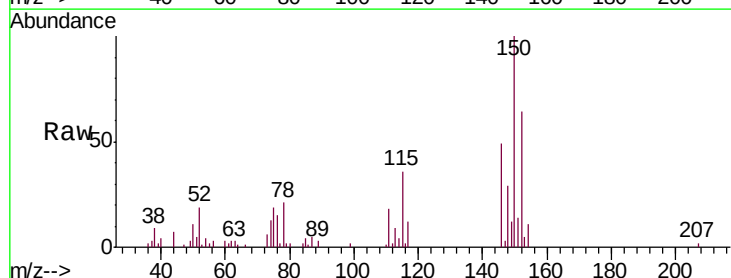
Tgt Ion:146 Resp: 7012

Ion Ratio Lower Upper

146 100

111 35.7 27.5 51.1

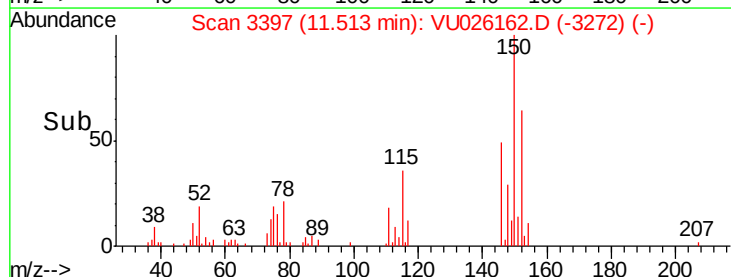
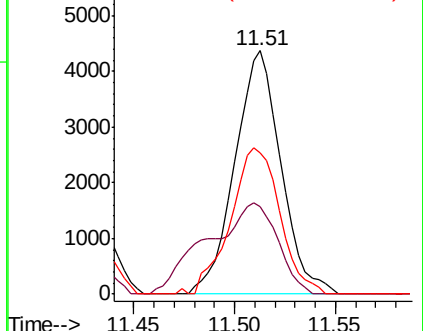
148 58.0 44.8 83.2

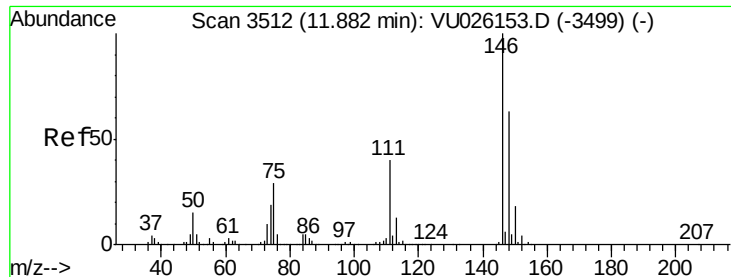


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 2.076 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

MDL07

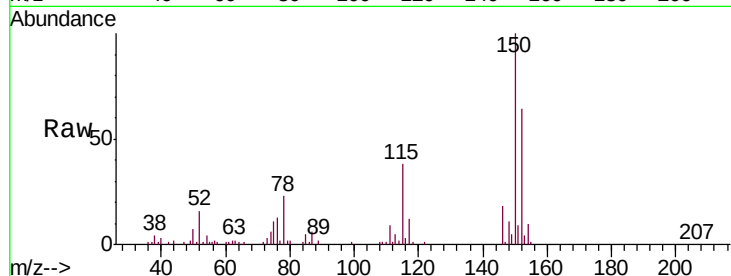
Tgt Ion:146 Resp: 7520

Ion Ratio Lower Upper

146 100

111 50.3 32.7 49.1#

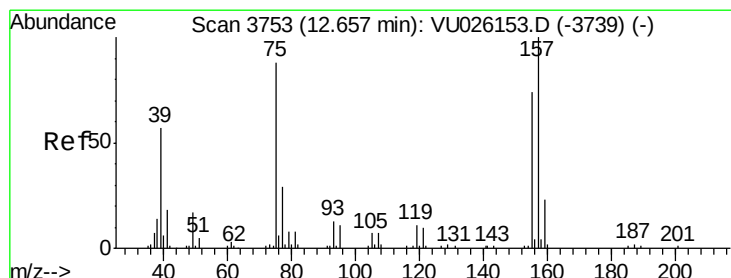
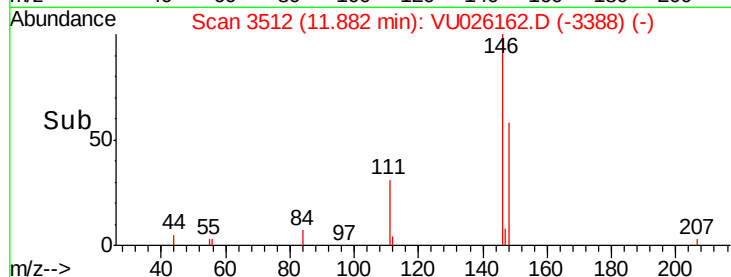
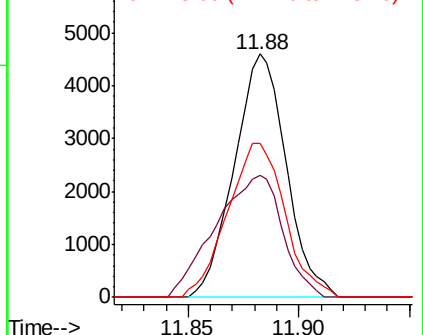
148 63.5 51.4 77.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 2.061 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU026162.D

Acq: 15 Aug 2018 21:36

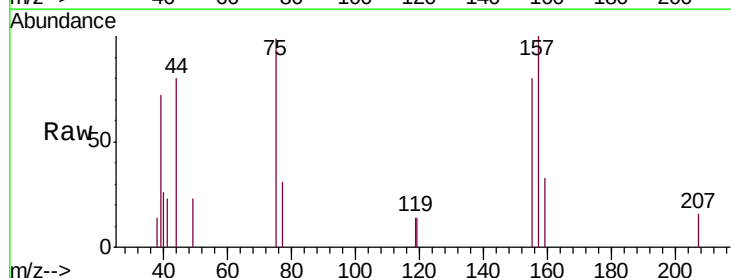
Tgt Ion: 75 Resp: 1184

Ion Ratio Lower Upper

75 100

155 80.7 68.2 102.2

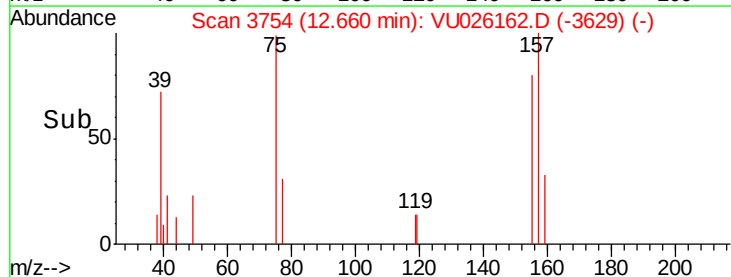
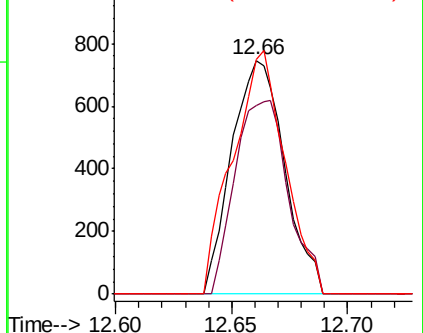
157 100.5 90.5 135.7

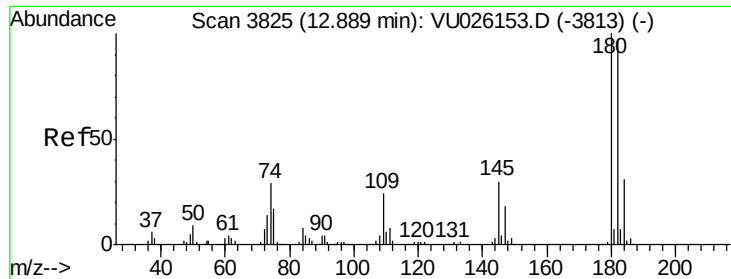


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

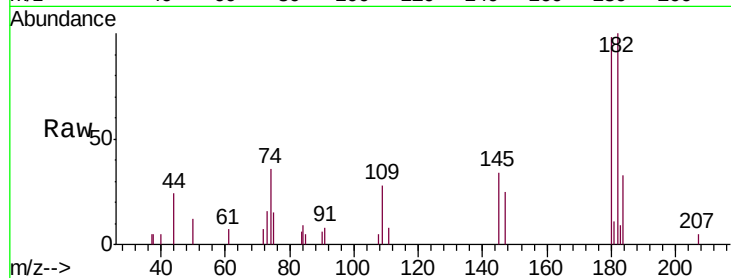




#67
 1,3,5-Trichlorobenzene
 Concen: 1.596 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU026162.D
 Acq: 15 Aug 2018 21:36

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Tgt Ion:	180	Resp:	3996
Ion	Ratio	Lower	Upper
180	100		
182	88.6	75.6	113.4
184	27.3	24.3	36.5
145	29.8	23.3	34.9



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

