

Data File : VU029848.D
Acq On : 07 Mar 2019 11:43
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Quant Time: Mar 08 01:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	57991	1.00	ug/l	0.00

System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	17820	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	20546	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	4748	0.245 ug/l	92
3) Chloromethane	1.33	50	4870	0.282 ug/l	98
4) Vinyl Chloride	1.40	62	4906	0.252 ug/l #	87
5) Bromomethane	1.63	94	3974	0.299 ug/l	95
6) Chloroethane	1.70	64	3193	0.274 ug/l	95
7) Trichlorofluoromethane	1.88	101	6615	0.250 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3766	0.244 ug/l	96
9) 1,1-Dichloroethene	2.28	96	4127	0.274 ug/l	85
10) Iodomethane	2.41	142	2936	0.746 ug/l	92
11) Allyl Chloride	2.59	41	5496	0.259 ug/l	100
12) Acrylonitrile	2.94	53	2059	0.626 ug/l #	84
13) Acetone	2.32	43	4214	1.547 ug/l	94
14) Carbon Disulfide	2.47	76	12433	0.255 ug/l	97
15) Methylene Chloride	2.70	84	6607	0.365 ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	4067	0.239 ug/l	93
17) 1,1-Dichloroethane	3.44	63	7135	0.250 ug/l	94
18) 2-Butanone	4.30	43	3642	0.984 ug/l	94
19) Cyclohexane	4.98	56	4358	0.197 ug/l #	89
20) Methylcyclohexane	6.41	83	5718	0.222 ug/l	97
21) 2,2-Dichloropropane	4.22	77	6021	0.258 ug/l #	72
22) cis-1,2-Dichloroethene	4.23	96	4480	0.248 ug/l	86
23) Diethyl Ether	2.10	59	2626	0.232 ug/l #	71
24) tert-Butyl Alcohol	2.83	59	3680	3.155 ug/l #	80
25) Methyl tert-Butyl Ether	3.00	73	9777	0.257 ug/l	98
26) Bromochloromethane	4.54	128	1744	0.218 ug/l	89
27) Chloroform	4.67	83	6658	0.231 ug/l	91
28) 1,1,1-Trichloroethane	4.91	97	5821	0.238 ug/l	93
29) 1,1-Dichloropropene	5.13	75	4957	0.228 ug/l	95
30) Carbon Tetrachloride	5.12	117	5177	0.242 ug/l	91
31) Isopropyl Ether	3.58	45	9795	0.249 ug/l	88
32) Ethyl-t-butyl ether	4.07	59	9572	0.250 ug/l	92
33) Tert-Amyl methyl ether	5.58	73	8183	0.232 ug/l	97
34) Propionitrile	4.34	54	756	0.687 ug/l #	70
35) Benzene	5.39	78	16183	0.253 ug/l #	88
36) 1,2-Dichloroethane	5.41	62	4410	0.252 ug/l	96
37) Trichloroethene	6.18	130	4620	0.247 ug/l	99
38) 1,2-Dichloropropane	6.43	63	4044	0.249 ug/l #	85
39) Methacrylonitrile	4.56	41	792	0.171 ug/l #	64
40) Methyl acrylate	4.43	55	358	0.049 ug/l #	66
41) Tetrahydrofuran	4.66	42	730	0.301 ug/l	91
42) 1-Chlorobutane	5.06	56	6567	0.236 ug/l	90

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ClientSampleId :
MDL05

Quant Time: Mar 08 01:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	1794	0.213	ug/l	92
44) Bromodichloromethane	6.76	83	4758	0.230	ug/l #	95
45) 4-Methyl-2-Pentanone	7.47	43	9024	1.029	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	3982	1.086	ug/l #	44
47) Methyl methacrylate	6.63	69	3034	0.421	ug/l	97
48) Ethyl methacrylate	8.03	69	2484	0.180	ug/l	87
49) Toluene	7.64	92	8521	0.217	ug/l	94
50) t-1,3-Dichloropropene	7.89	75	3517	0.194	ug/l #	87
51) cis-1,3-Dichloropropene	7.28	75	5058	0.226	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	3056	0.246	ug/l	92
53) 1,3-Dichloropropane	8.24	76	4716	0.231	ug/l	99
54) 2-Hexanone	8.37	43	6693	1.099	ug/l	87
55) Dibromochloromethane	8.48	129	3405	0.231	ug/l	96
56) 1,2-Dibromoethane	8.59	107	2788	0.236	ug/l	83
58) Tetrachloroethene	8.22	164	4697	0.246	ug/l	98
59) Chlorobenzene	9.12	112	10940	0.242	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	3768	0.232	ug/l	96
61) Pentachloroethane	11.10	117	2656	0.235	ug/l	93
62) Hexachloroethane	12.14	117	2401	0.202	ug/l	89
63) Ethyl Benzene	9.25	91	15707	0.212	ug/l	97
64) m/p-Xylenes	9.37	106	11540	0.394	ug/l	92
65) o-Xylene	9.78	106	5857	0.208	ug/l	98
66) Styrene	9.79	104	8513	0.182	ug/l	96
67) Bromoform	9.96	173	1752	0.202	ug/l #	88
69) Isopropylbenzene	10.16	105	15367	0.206	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	3469	0.229	ug/l #	91
71) 1,2,3-Trichloropropane	10.49	75	3982	0.353	ug/l #	77
72) Bromobenzene	10.45	156	4463	0.226	ug/l	98
73) n-propylbenzene	10.59	120	3988	0.190	ug/l	92
74) 2-Chlorotoluene	10.66	126	3844	0.207	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	11633	0.185	ug/l	97
76) 4-Chlorotoluene	10.77	126	3754	0.198	ug/l	91
77) tert-Butylbenzene	11.10	119	12425	0.200	ug/l	95
78) 1,2,4-Trimethylbenzene	11.15	105	12410	0.195	ug/l	96
79) sec-Butylbenzene	11.32	105	16780	0.204	ug/l	92
81) p-Isopropyltoluene	11.48	119	12927	0.187	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	8369	0.214	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	7750	0.203	ug/l	90
84) n-Butylbenzene	11.89	91	10853	0.173	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	8359	0.227	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	242	0.112	ug/l #	58
87) 1,2,4-Trichlorobenzene	13.51	180	3650	0.155	ug/l #	81
88) Hexachlorobutadiene	13.69	225	3159	0.212	ug/l	97
89) Naphthalene	13.76	128	3519	0.532	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	3645	0.164	ug/l #	78

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

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

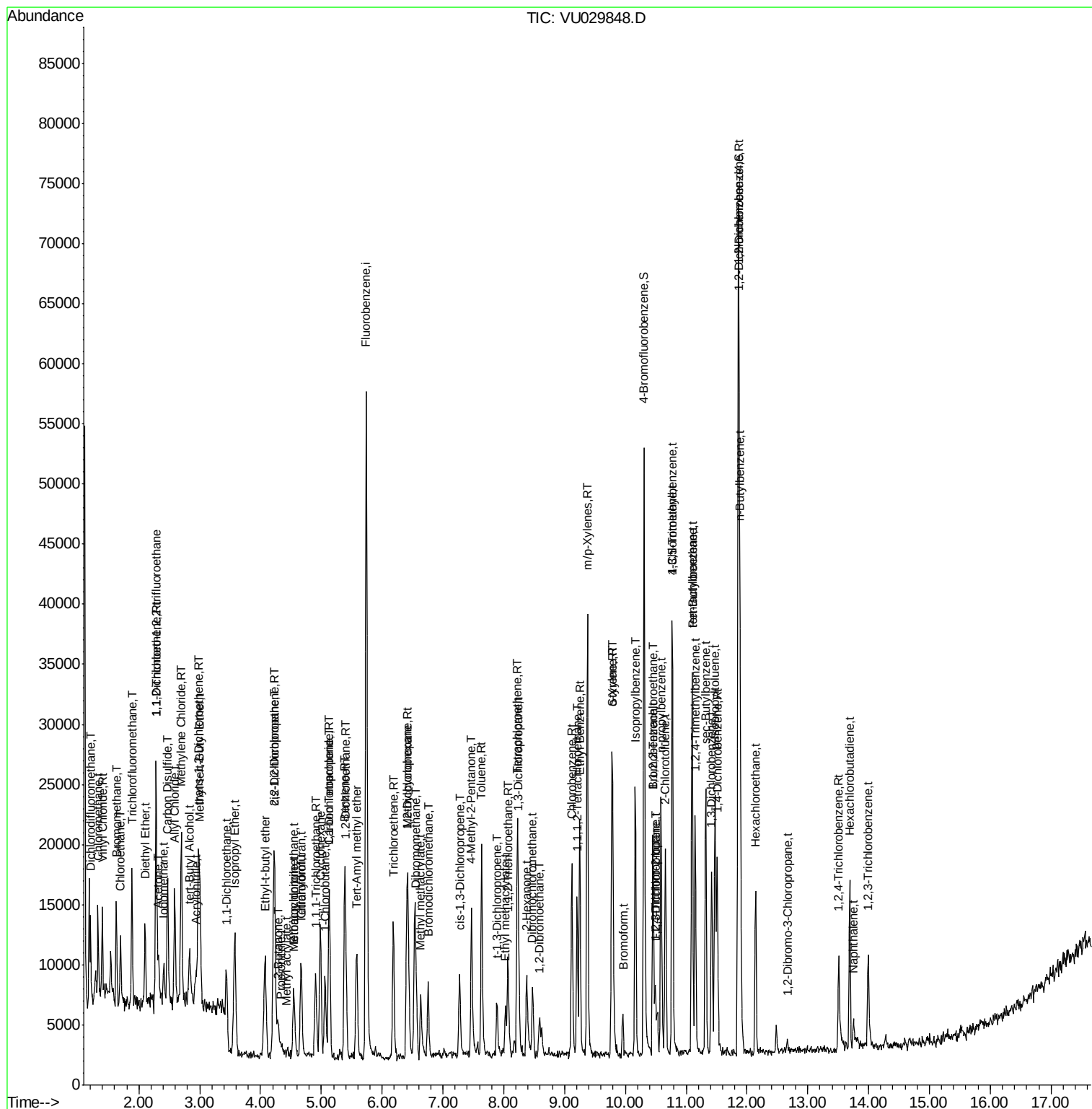
Quant Time: Mar 08 01:13:00 2019

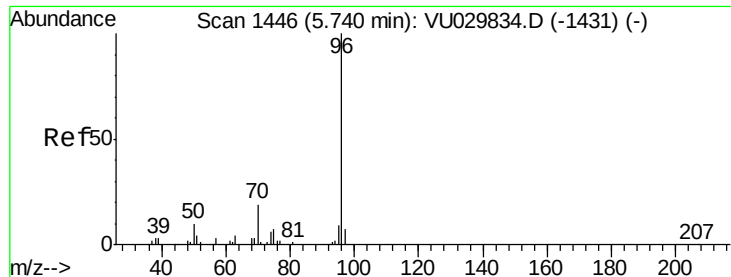
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\524U030719DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Mar 08 00:30:10 2019

Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 96 Resp: 57991

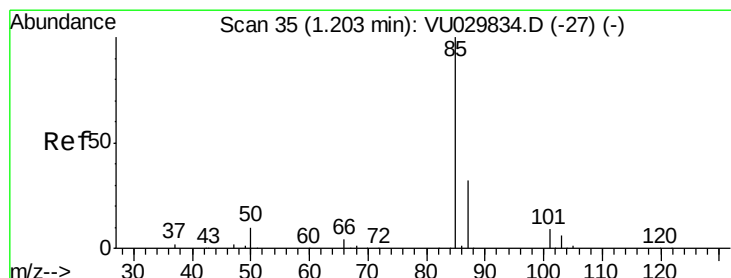
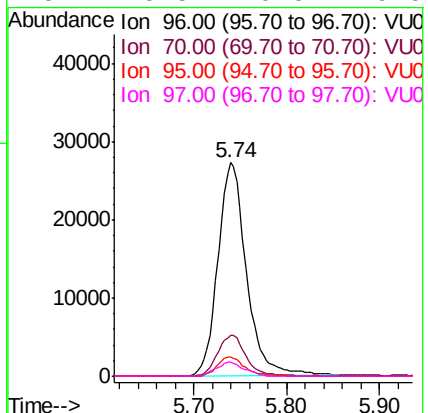
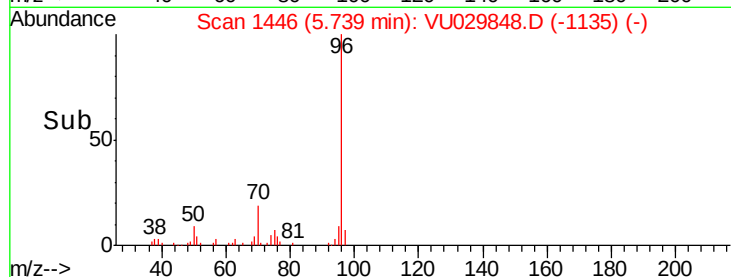
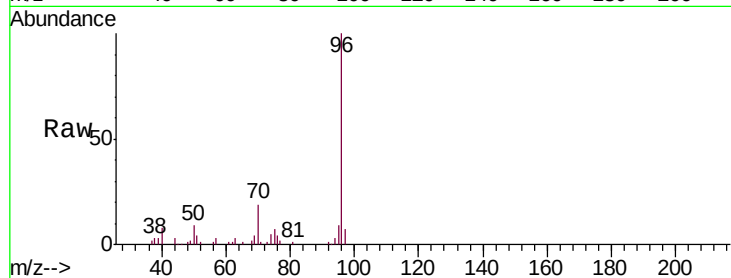
Ion Ratio Lower Upper

96 100

70 19.2 14.4 21.6

95 8.7 7.0 10.6

97 6.5 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.245 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU029848.D

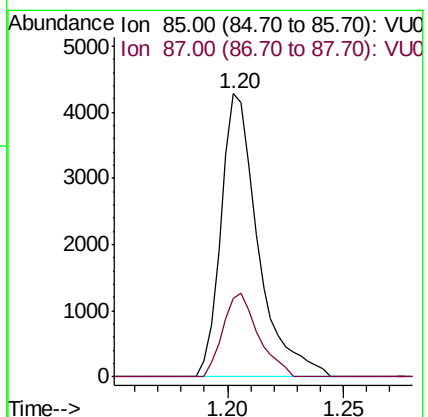
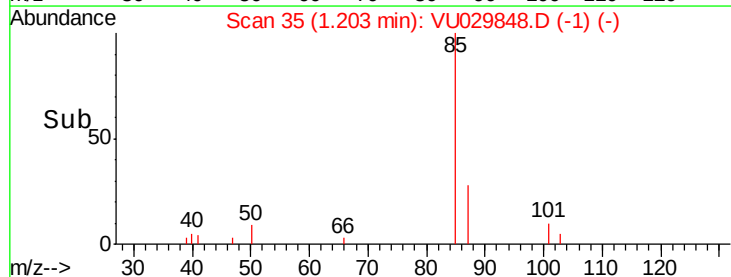
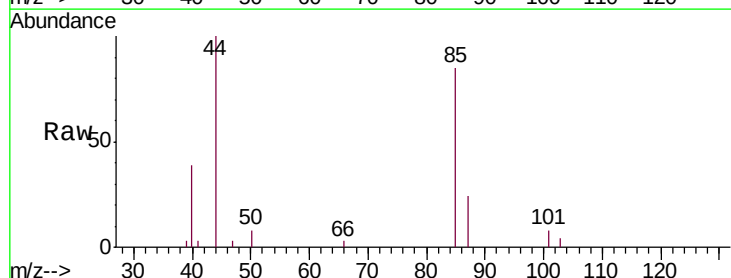
Acq: 07 Mar 2019 11:43

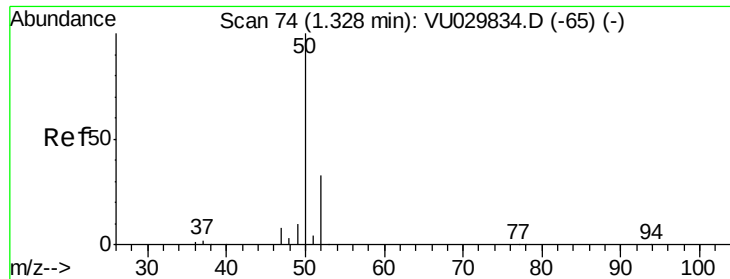
Tgt Ion: 85 Resp: 4748

Ion Ratio Lower Upper

85 100

87 27.9 16.2 48.6





#3

Chloromethane

Concen: 0.282 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

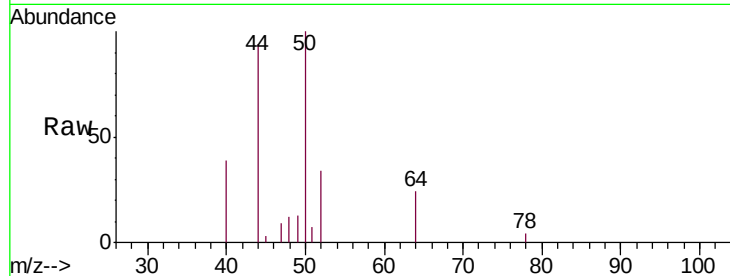
MDL05

Tgt Ion: 50 Resp: 4870

Ion Ratio Lower Upper

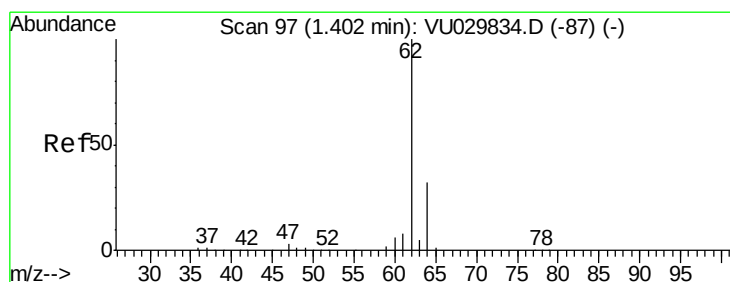
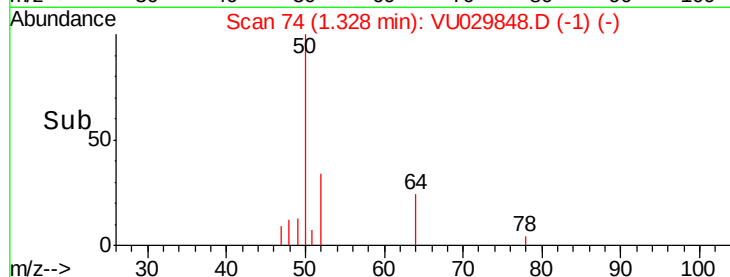
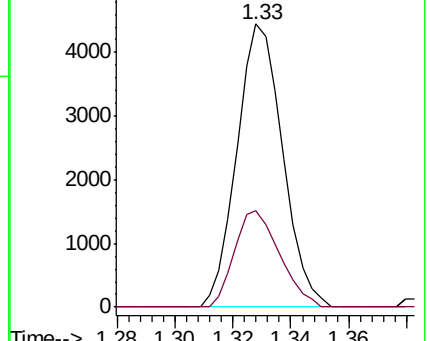
50 100

52 34.2 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VU029834.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU029834.D (-65) (-)



#4

Vinyl Chloride

Concen: 0.252 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029848.D

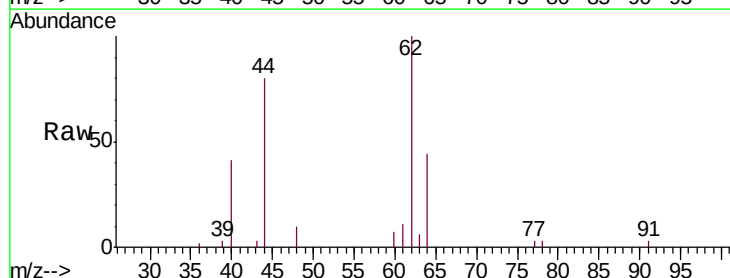
Acq: 07 Mar 2019 11:43

Tgt Ion: 62 Resp: 4906

Ion Ratio Lower Upper

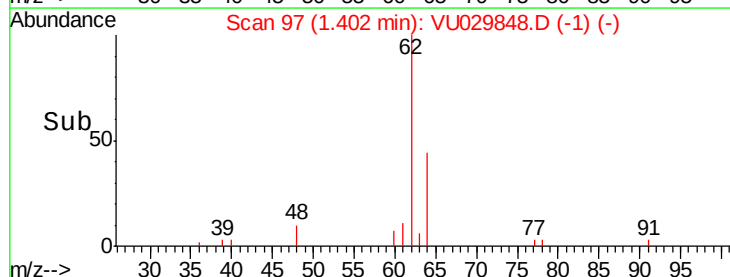
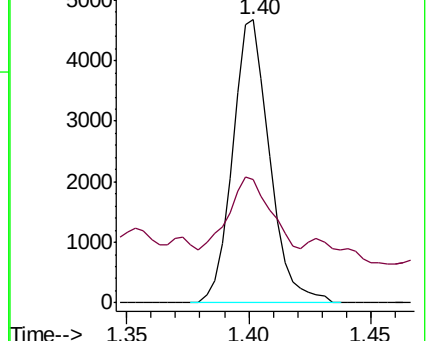
62 100

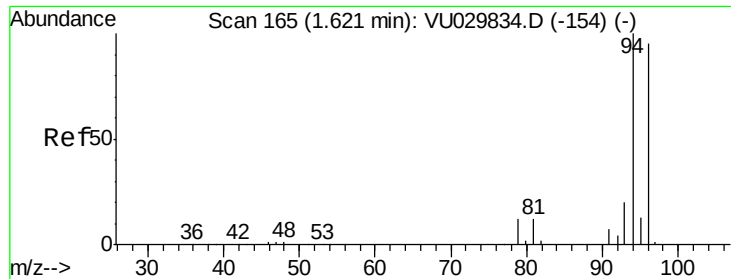
64 24.9 25.7 38.5#



Abundance Ion 62.00 (61.70 to 62.70): VU029834.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU029834.D (-87) (-)

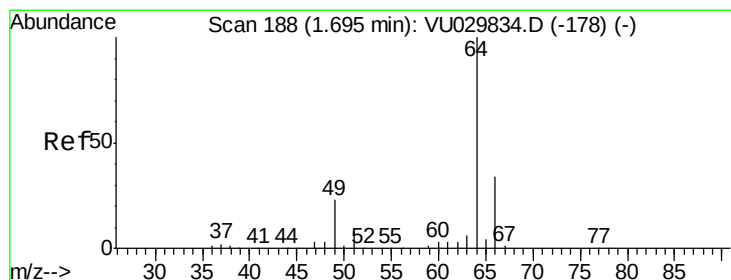
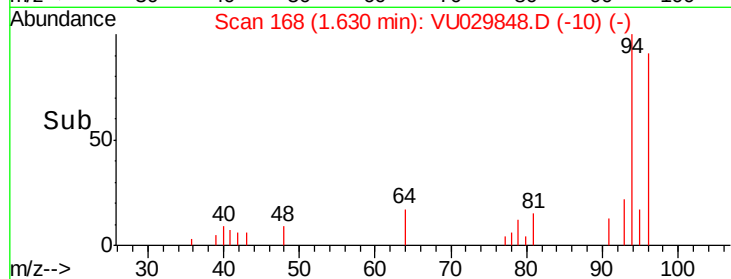
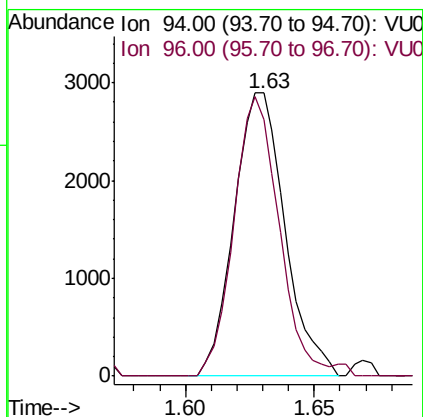
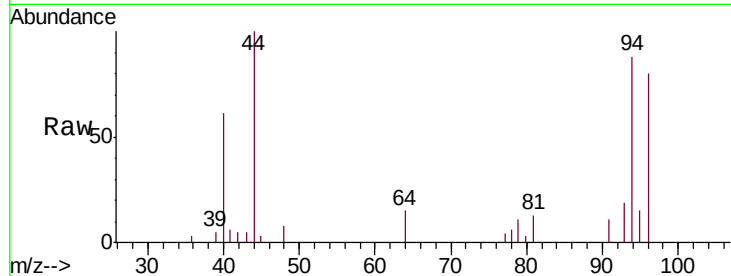




#5
Bromomethane
Concen: 0.299 ug/l
RT: 1.63 min Scan# 168
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

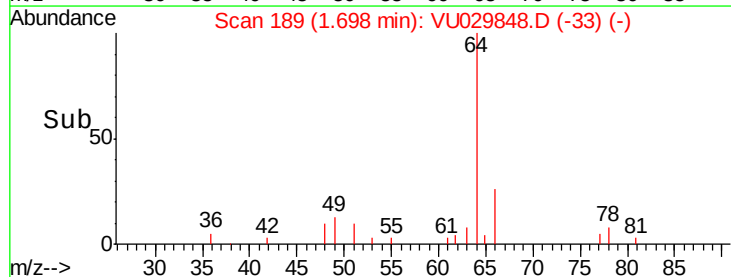
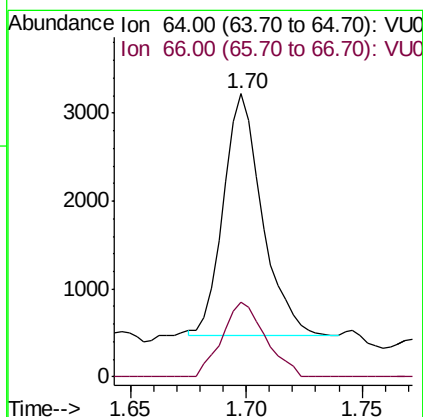
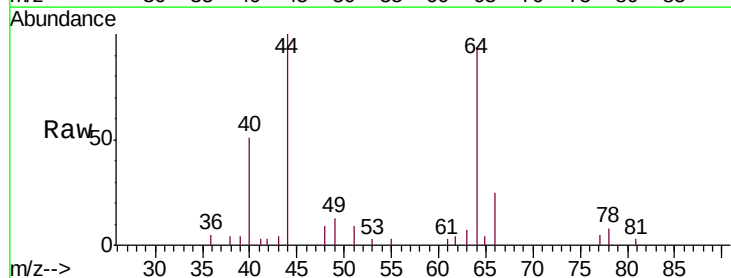
Instrument :
MSVOA_U
ClientSampleId :
MDL05

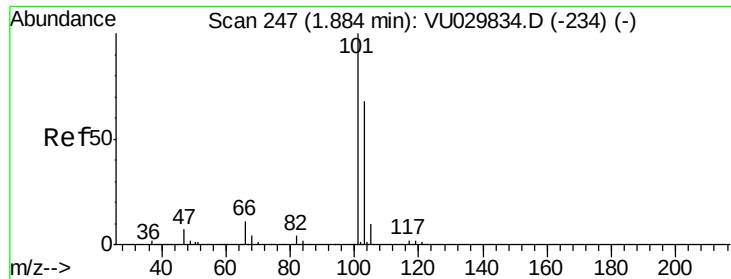
Tgt Ion: 94 Resp: 3974
Ion Ratio Lower Upper
94 100
96 90.7 76.4 114.6



#6
Chloroethane
Concen: 0.274 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 64 Resp: 3193
Ion Ratio Lower Upper
64 100
66 31.0 27.3 40.9



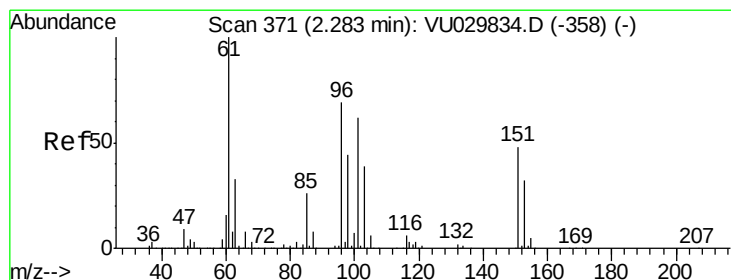
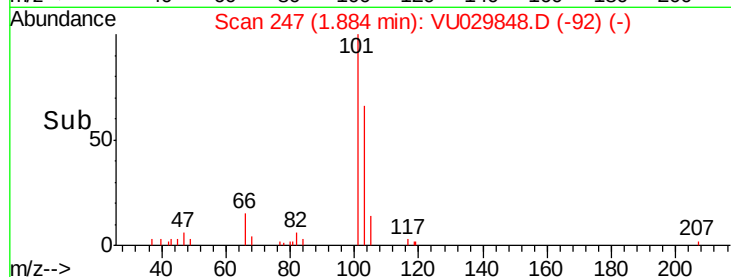
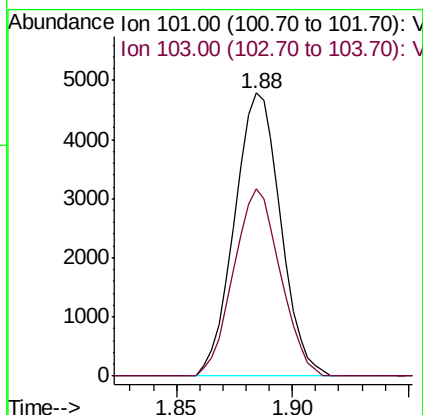
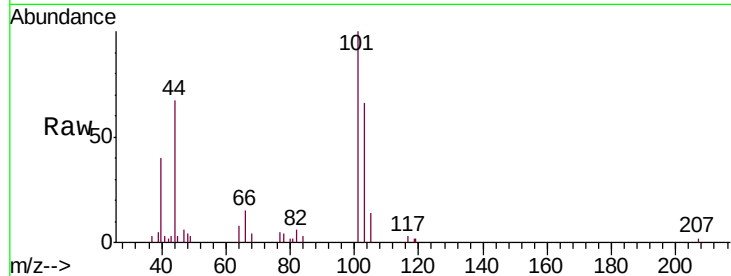


#7

Trichlorofluoromethane
 Concen: 0.250 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

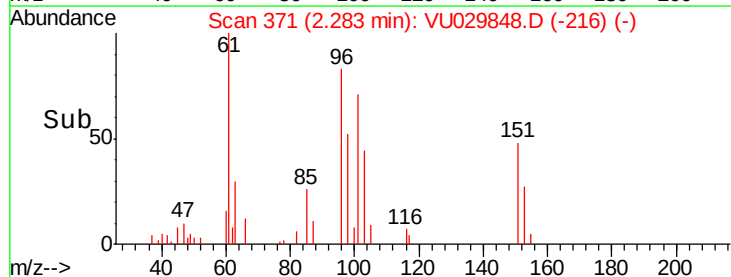
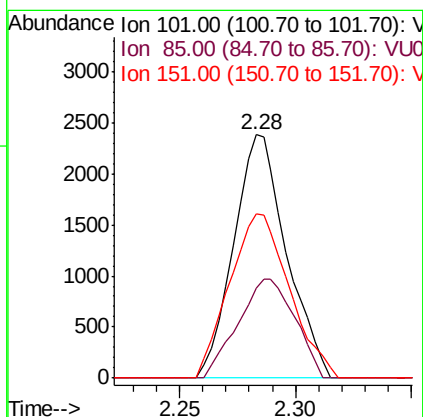
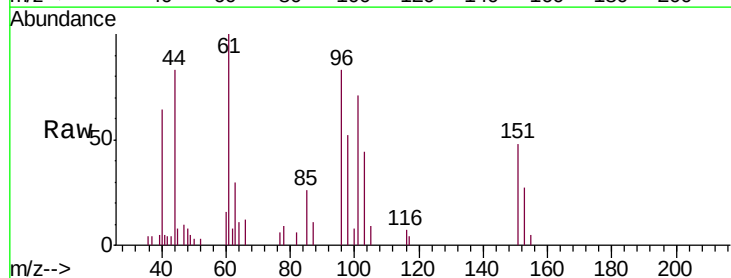
Tgt Ion:101 Resp: 6615
 Ion Ratio Lower Upper
 101 100
 103 66.0 54.2 81.2

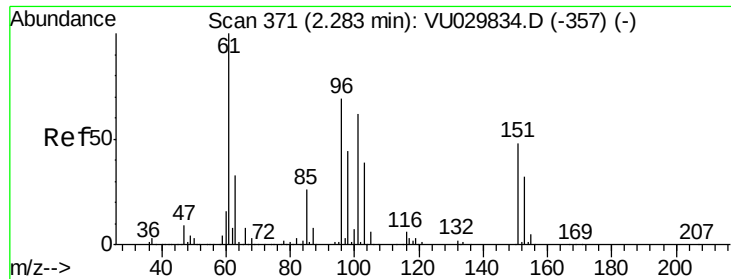


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.244 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion:101 Resp: 3766
 Ion Ratio Lower Upper
 101 100
 85 43.7 33.4 50.0
 151 76.6 64.6 97.0





#9

1,1-Dichloroethene

Concen: 0.274 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

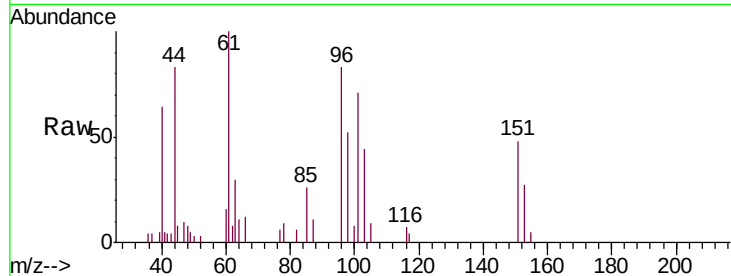
Tgt Ion: 96 Resp: 4127

Ion Ratio Lower Upper

96 100

61 119.8 0.0 435.3

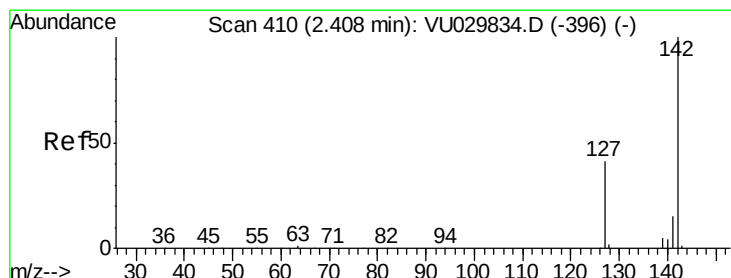
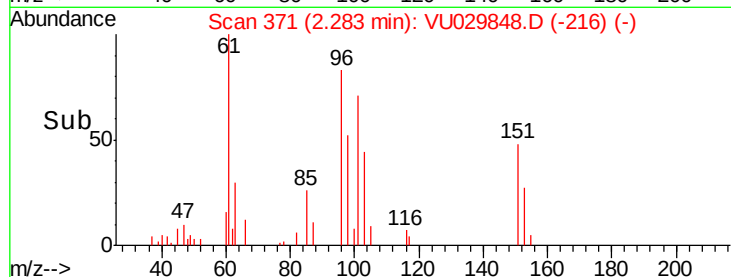
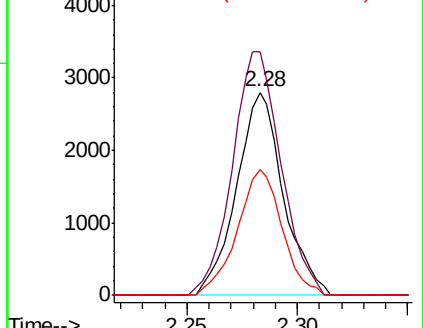
98 61.7 0.0 128.6



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



#10

Iodomethane

Concen: 0.746 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029848.D

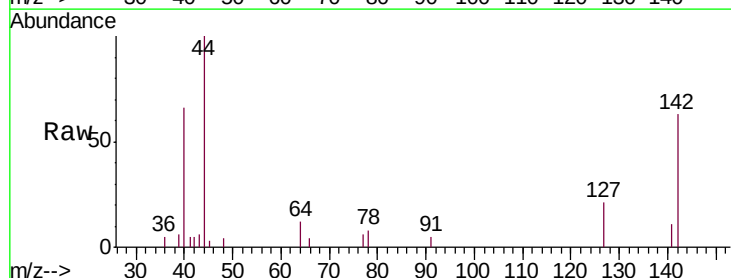
Acq: 07 Mar 2019 11:43

Tgt Ion: 142 Resp: 2936

Ion Ratio Lower Upper

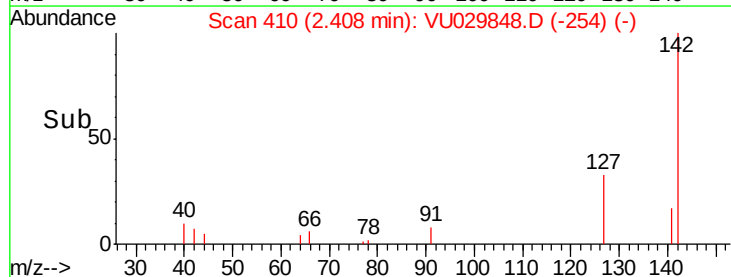
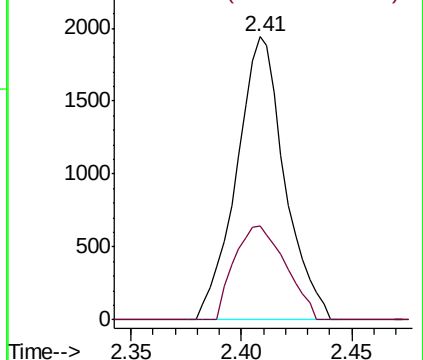
142 100

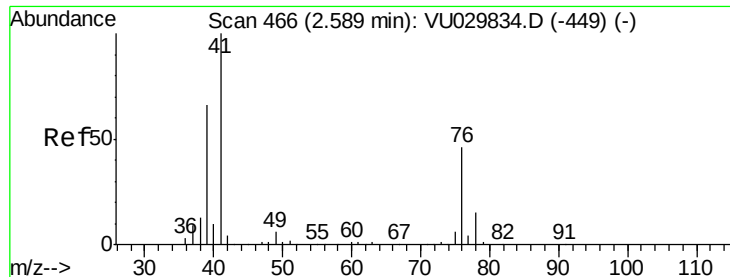
127 35.5 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

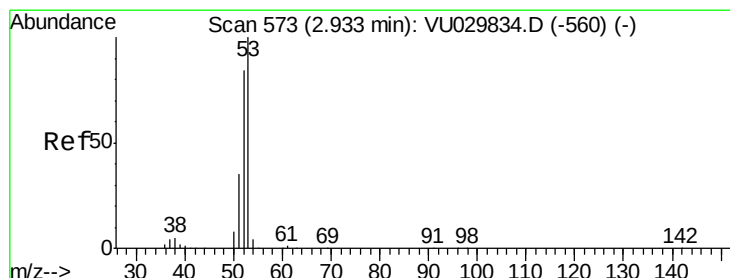
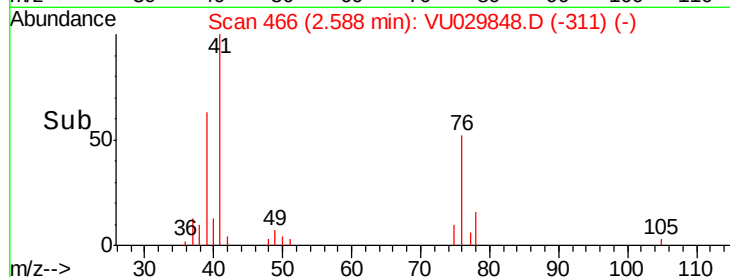
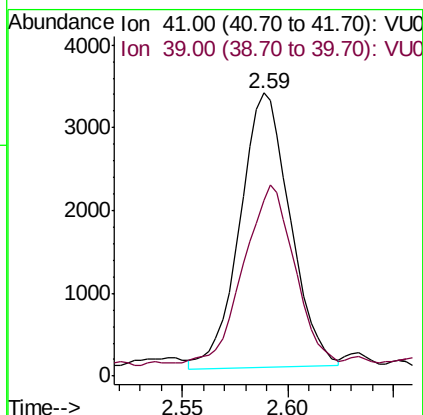
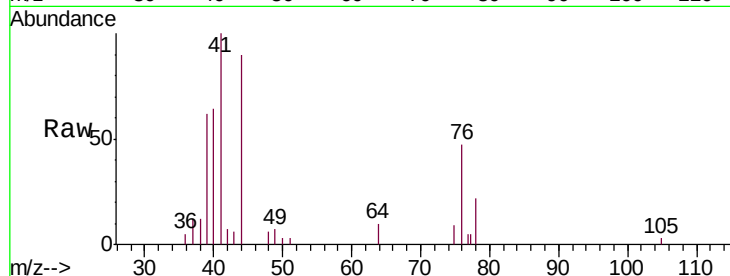




#11
 Allyl Chloride
 Concen: 0.259 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

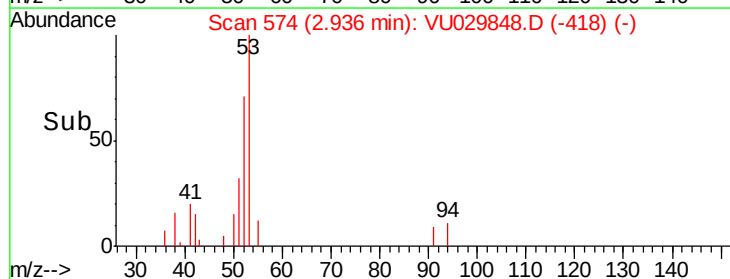
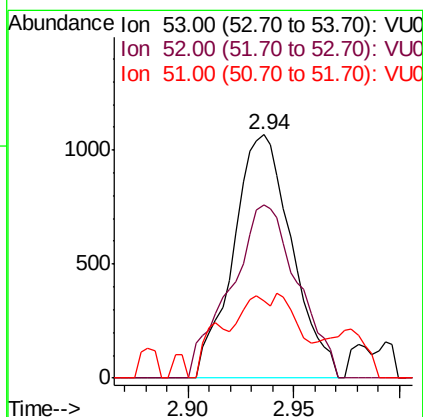
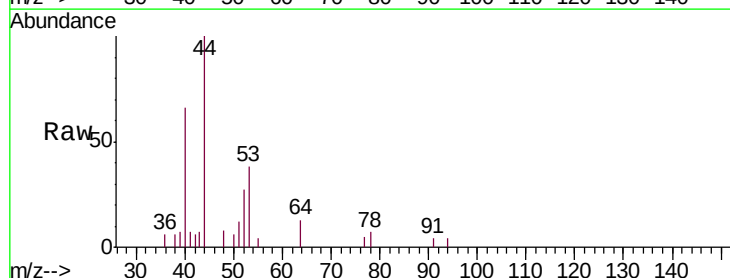
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

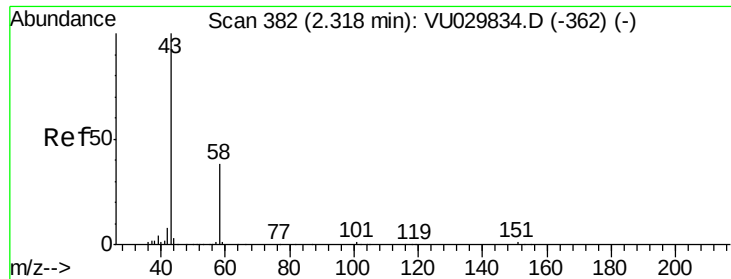
Tgt Ion: 41 Resp: 5496
 Ion Ratio Lower Upper
 41 100
 39 64.2 51.6 77.4



#12
 Acrylonitrile
 Concen: 0.626 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 53 Resp: 2059
 Ion Ratio Lower Upper
 53 100
 52 81.8 66.5 99.7
 51 6.3 28.6 42.8#





#13

Acetone

Concen: 1.547 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

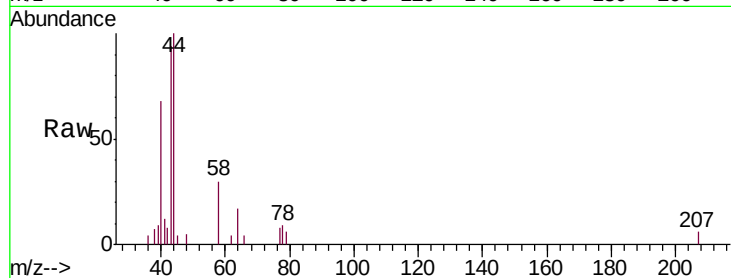
MDL05

Tgt Ion: 43 Resp: 4214

Ion Ratio Lower Upper

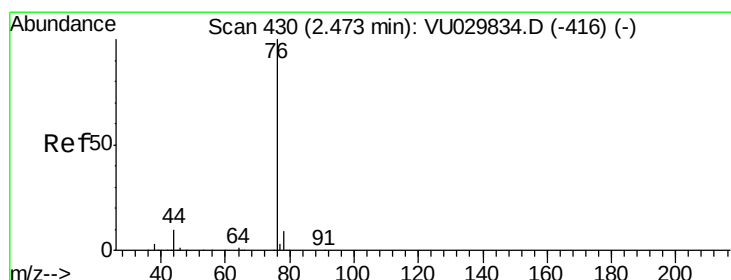
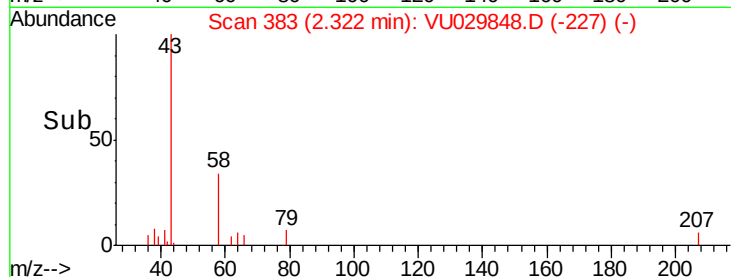
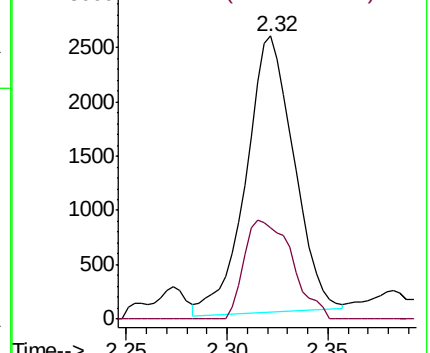
43 100

58 33.9 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 0.255 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029848.D

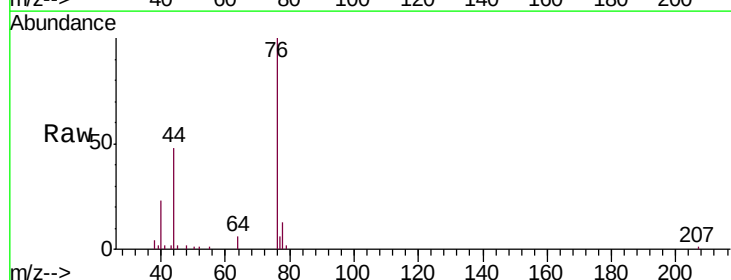
Acq: 07 Mar 2019 11:43

Tgt Ion: 76 Resp: 12433

Ion Ratio Lower Upper

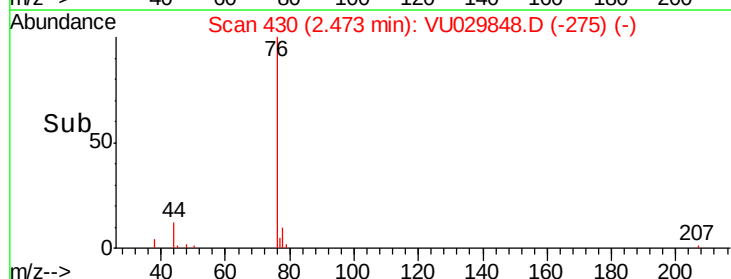
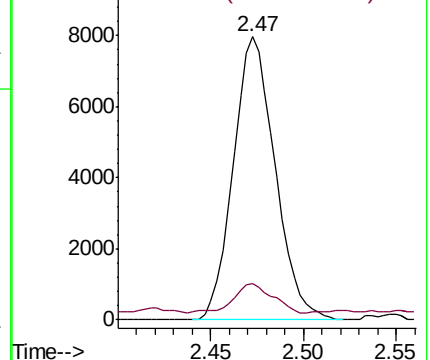
76 100

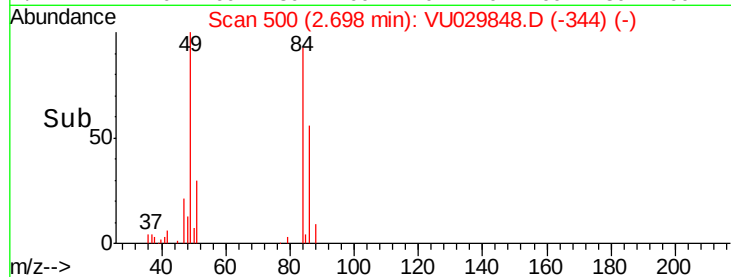
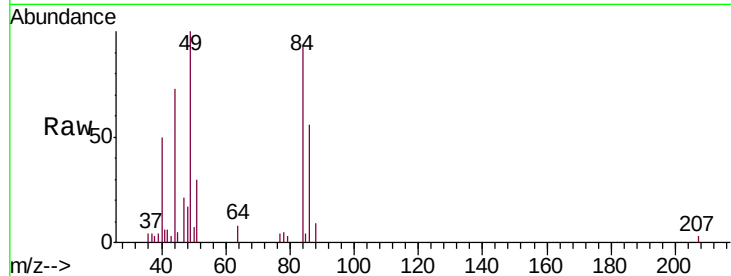
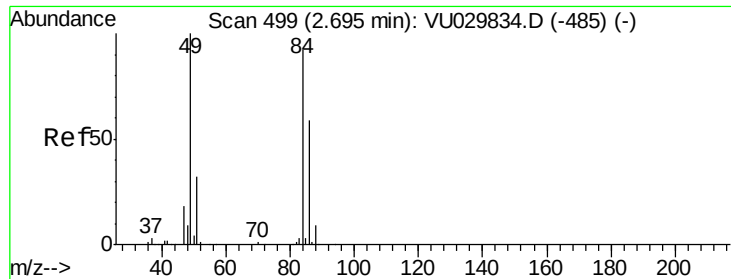
78 10.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

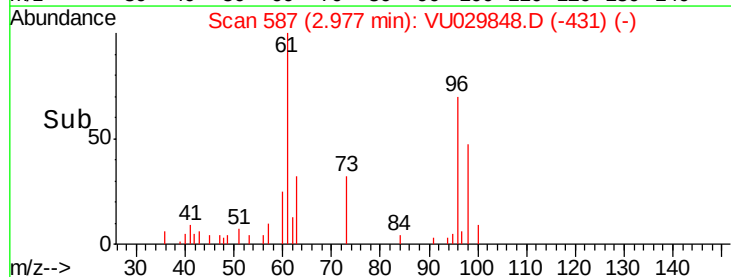
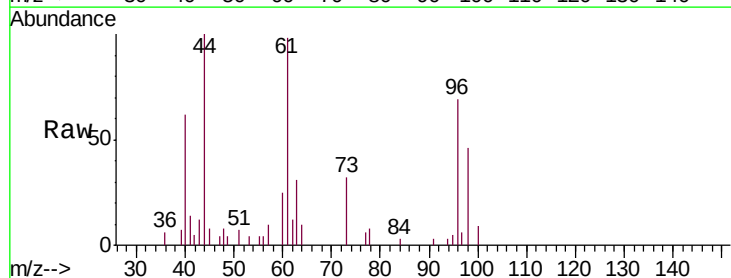
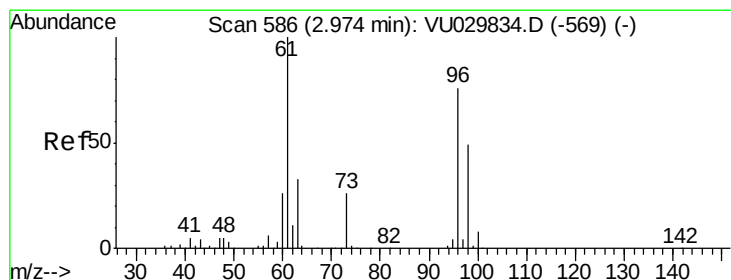
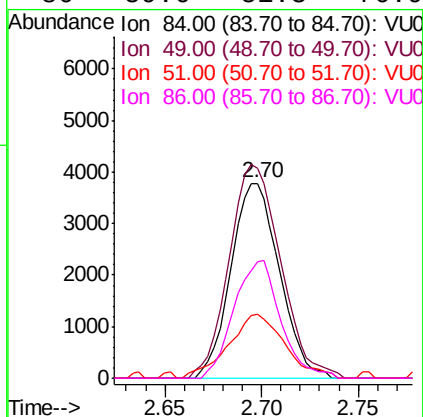




#15
Methylene Chloride
Concen: 0.365 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

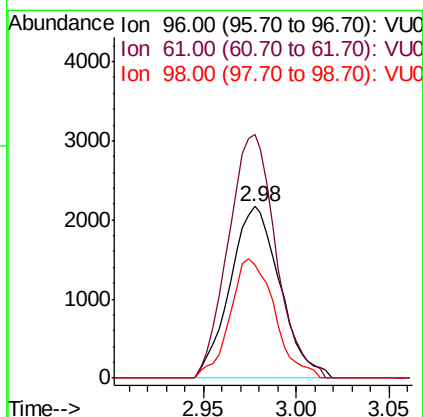
Instrument :
MSVOA_U
ClientSampleId :
MDL05

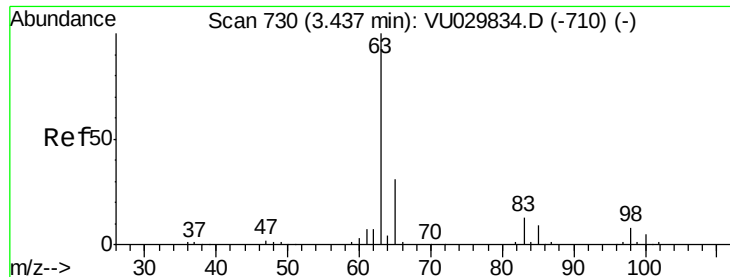
Tgt Ion:	84	Resp:	6607
Ion	Ratio	Lower	Upper
84	100		
49	107.3	87.2	130.8
51	32.6	0.0	69.0
86	59.6	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion:	96	Resp:	4067
Ion	Ratio	Lower	Upper
96	100		
61	142.0	104.7	157.1
98	66.1	50.9	76.3

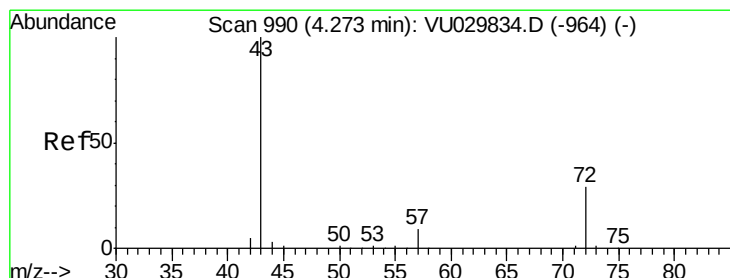
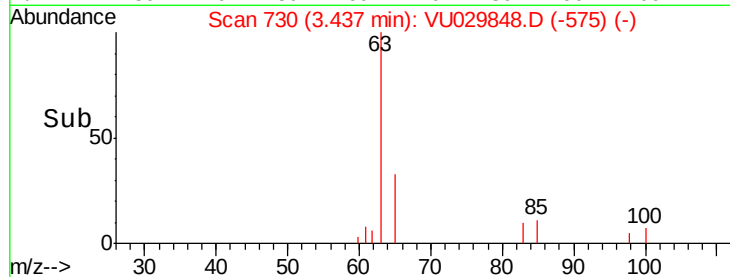
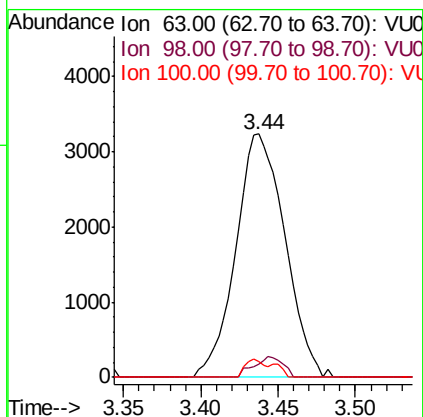
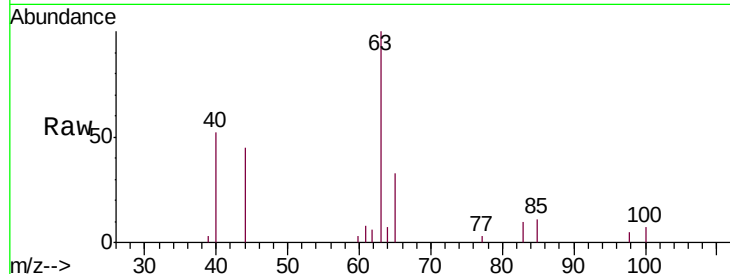




#17
 1,1-Dichloroethane
 Concen: 0.250 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

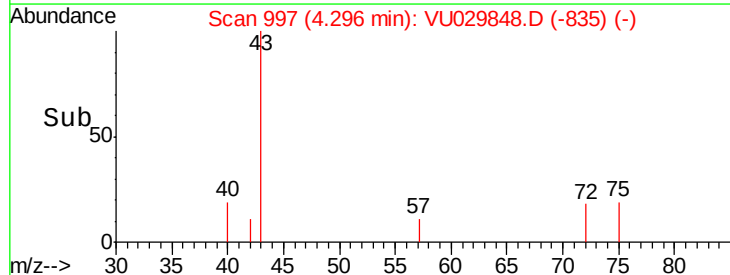
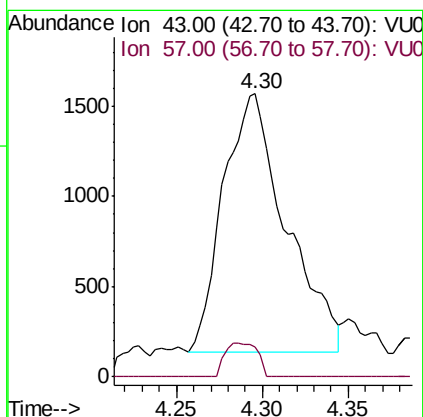
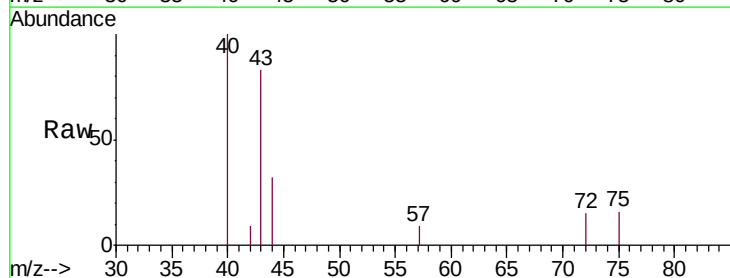
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

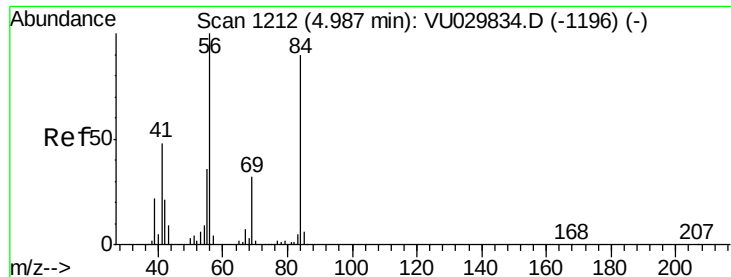
Tgt Ion: 63 Resp: 7135
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.8 11.4
 100 6.7 2.4 7.1



#18
 2-Butanone
 Concen: 0.984 ug/l
 RT: 4.30 min Scan# 997
 Delta R.T. 0.02 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 43 Resp: 3642
 Ion Ratio Lower Upper
 43 100
 57 11.7 0.0 18.6

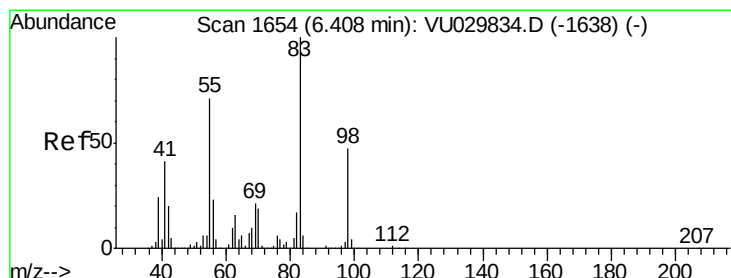
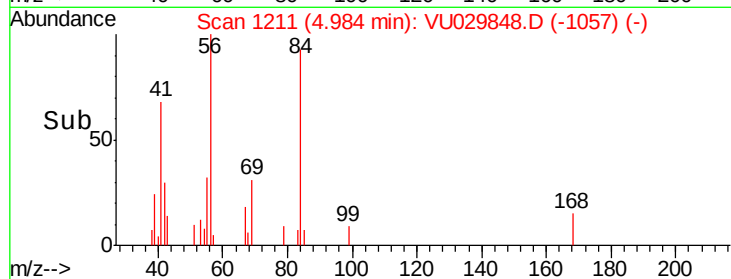
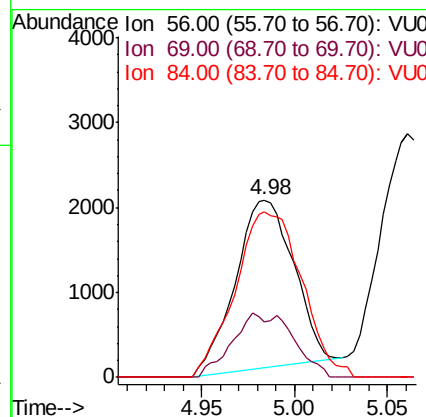
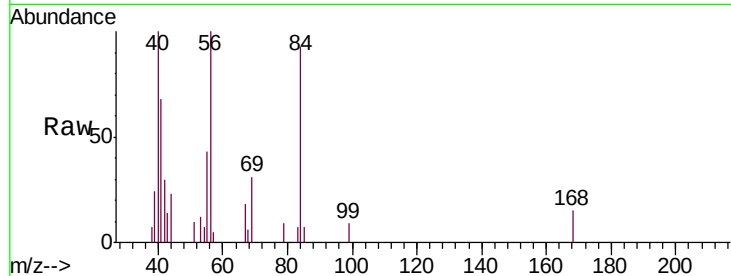




#19
Cyclohexane
Concen: 0.197 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

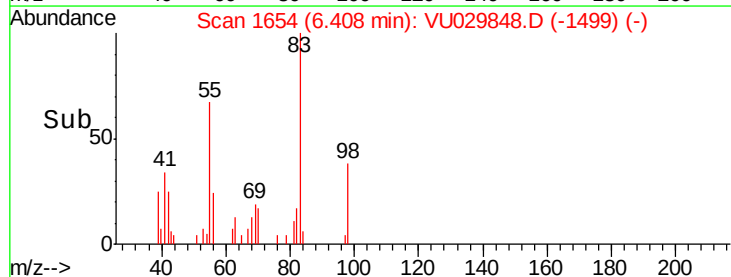
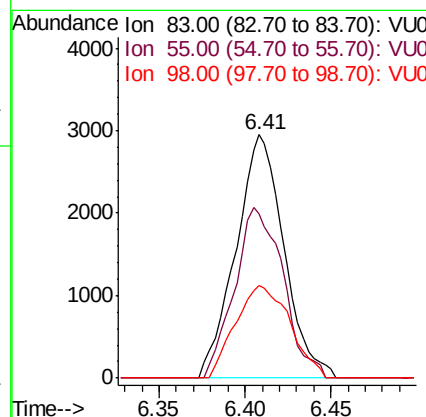
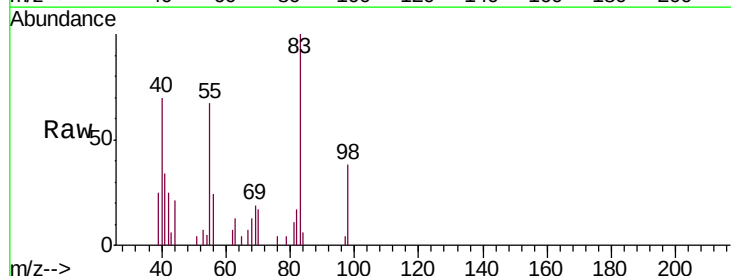
Instrument :
MSVOA_U
ClientSampleId :
MDL05

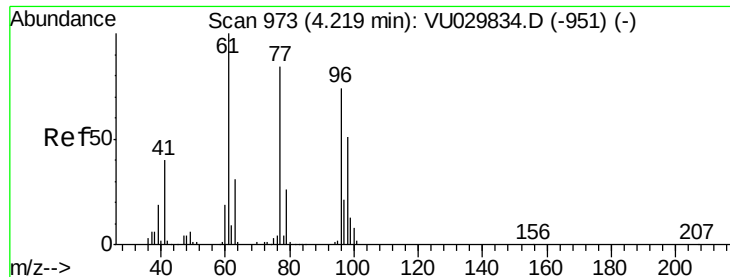
Tgt Ion: 56 Resp: 4358
Ion Ratio Lower Upper
56 100
69 21.5 29.4 44.2#
84 111.9 84.6 127.0



#20
Methylcyclohexane
Concen: 0.222 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 83 Resp: 5718
Ion Ratio Lower Upper
83 100
55 70.9 55.9 83.9
98 43.0 37.0 55.4





#21

2,2-Dichloropropane

Concen: 0.258 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

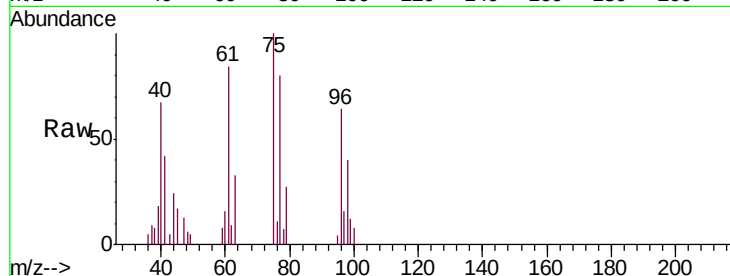
MDL05

Tgt Ion: 77 Resp: 6021

Ion Ratio Lower Upper

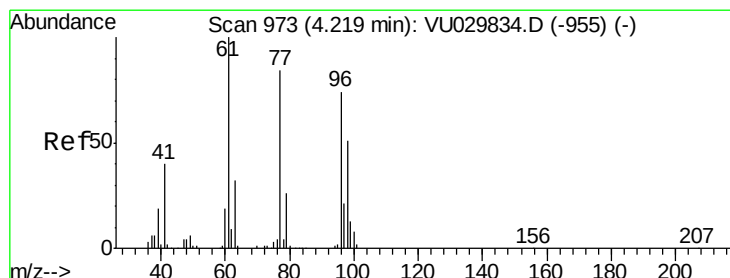
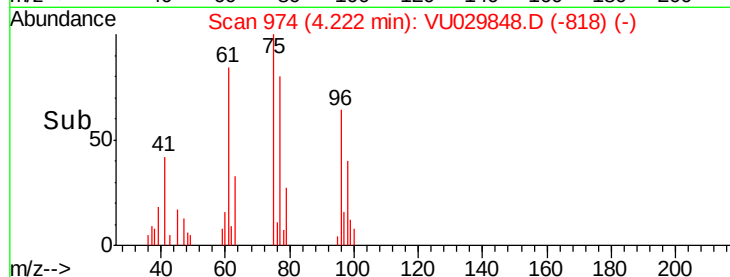
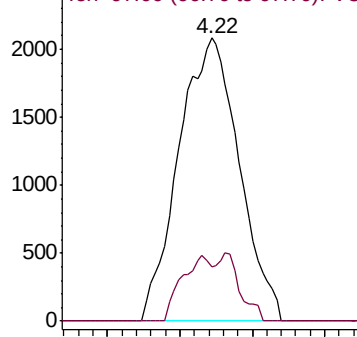
77 100

97 11.3 20.2 30.2#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.248 ug/l

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

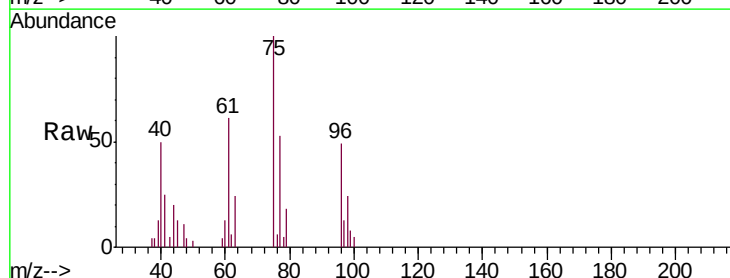
Tgt Ion: 96 Resp: 4480

Ion Ratio Lower Upper

96 100

61 131.7 0.0 339.0

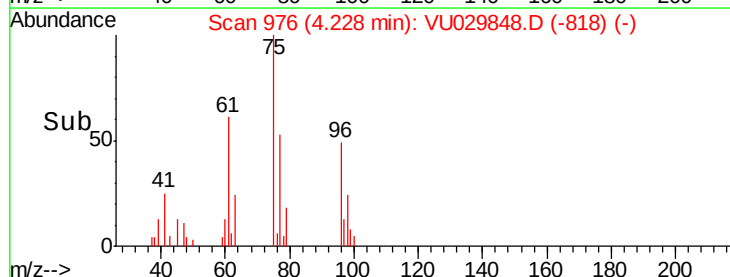
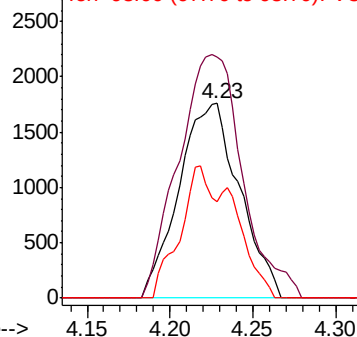
98 37.8 33.1 99.5

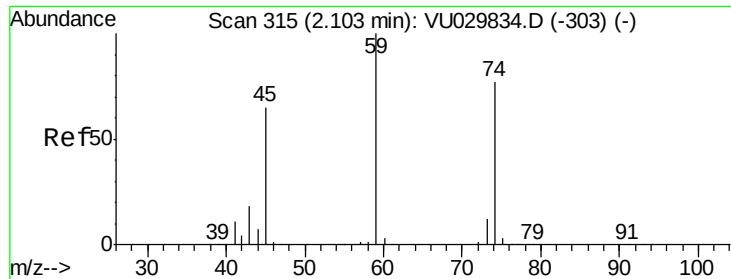


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

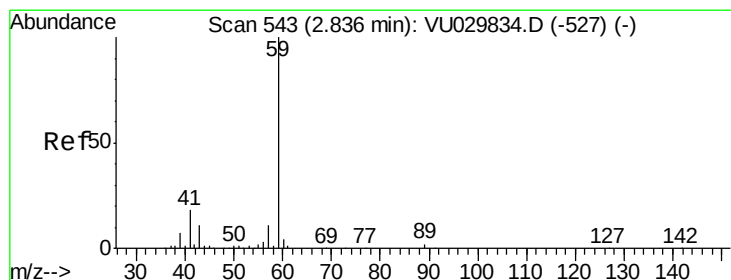
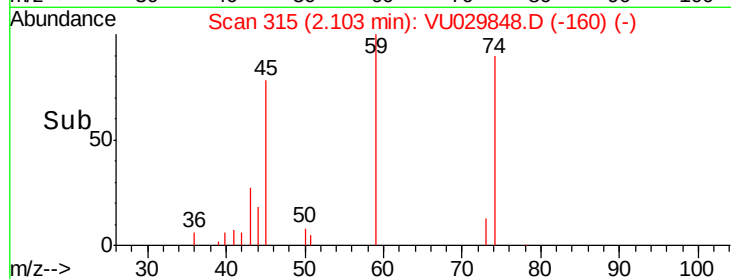
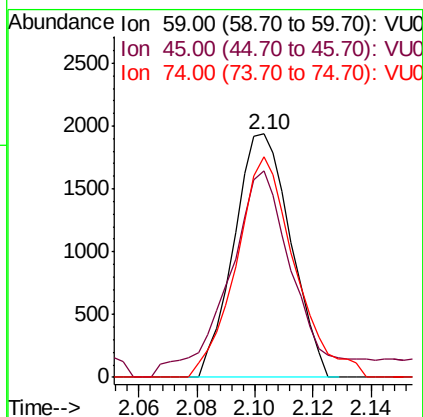
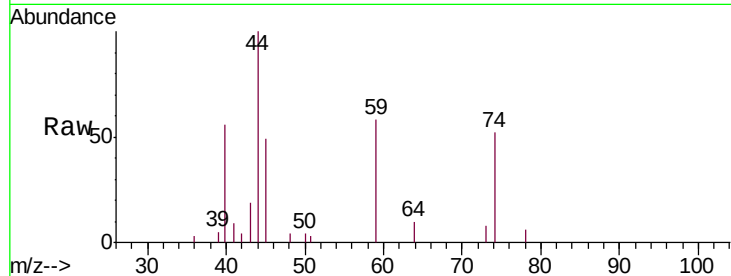




#23
Diethyl Ether
Concen: 0.232 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

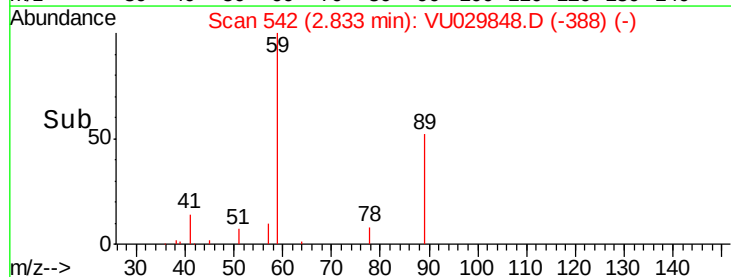
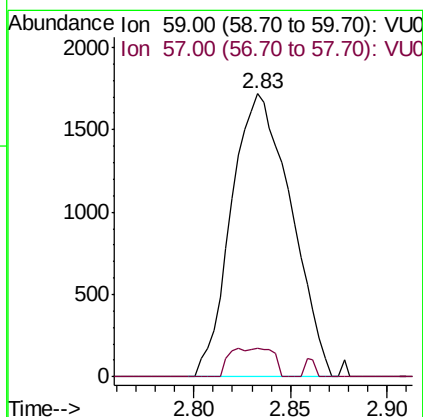
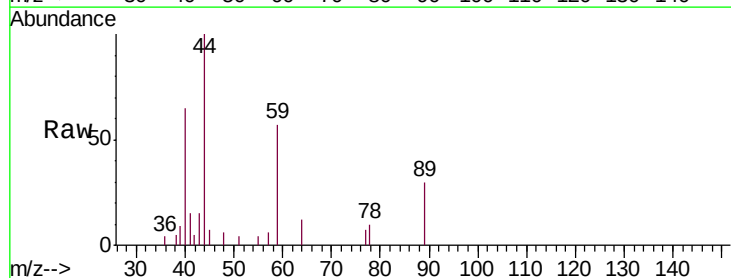
Instrument :
MSVOA_U
ClientSampleId :
MDL05

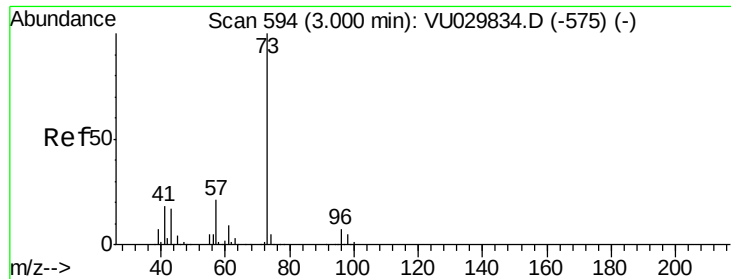
Tgt Ion: 59 Resp: 2626
Ion Ratio Lower Upper
59 100
45 98.2 52.7 79.1#
74 94.0 61.8 92.6#



#24
tert-Butyl Alcohol
Concen: 3.155 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 59 Resp: 3680
Ion Ratio Lower Upper
59 100
57 3.2 8.5 12.7#





#25

Methyl tert-Butyl Ether

Concen: 0.257 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

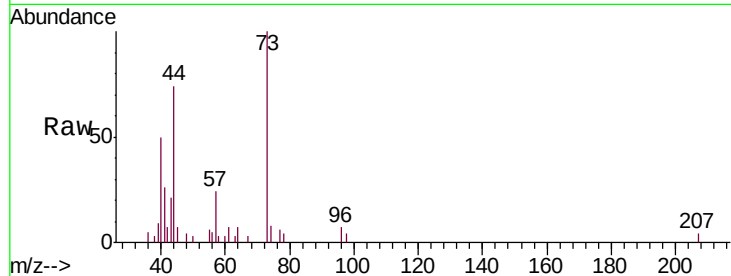
MDL05

Tgt Ion: 73 Resp: 9777

Ion Ratio Lower Upper

73 100

43 15.3 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029834.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-575) (-)

5000

4000

3000

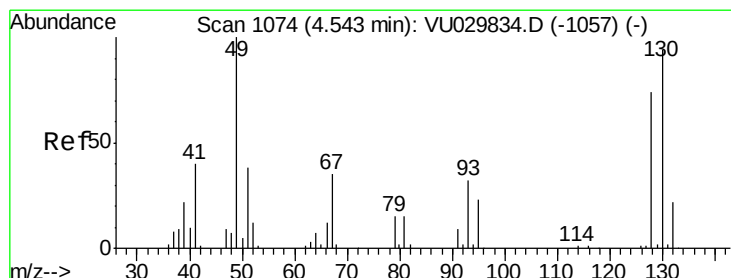
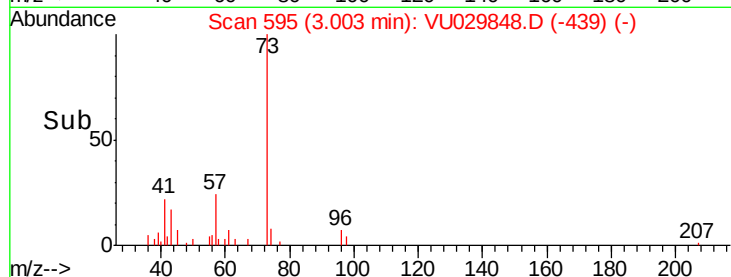
2000

1000

0

Time-->

2.95 3.00 3.05



#26

Bromochloromethane

Concen: 0.218 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

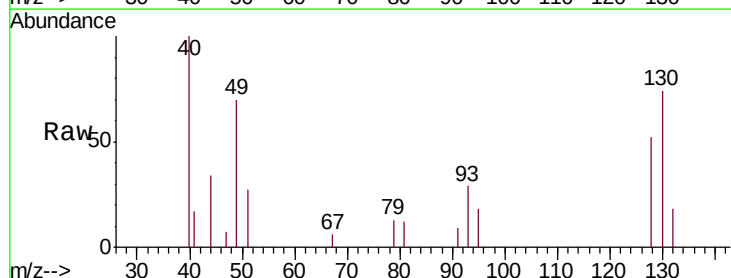
Tgt Ion: 128 Resp: 1744

Ion Ratio Lower Upper

128 100

49 147.6 0.0 270.6

130 144.6 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): VU029834.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU029834.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU029834.D (-1057) (-)

1500

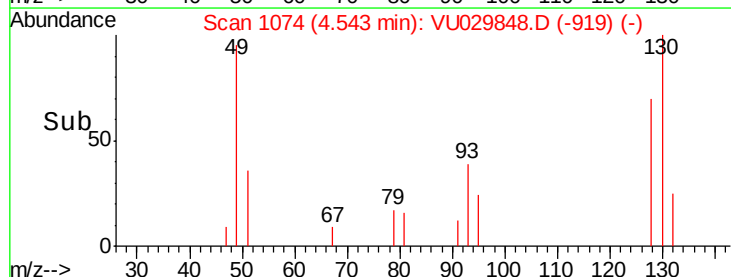
1000

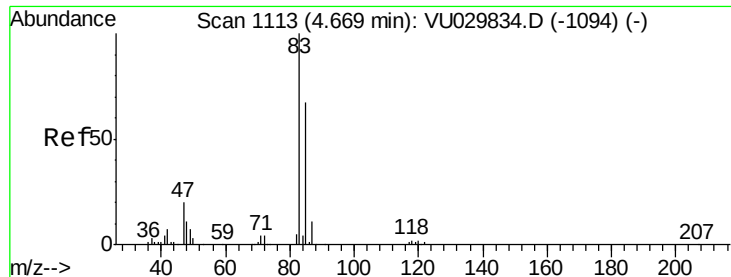
500

0

Time-->

4.50 4.55 4.60

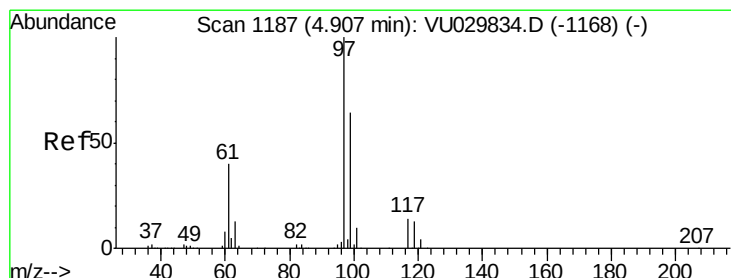
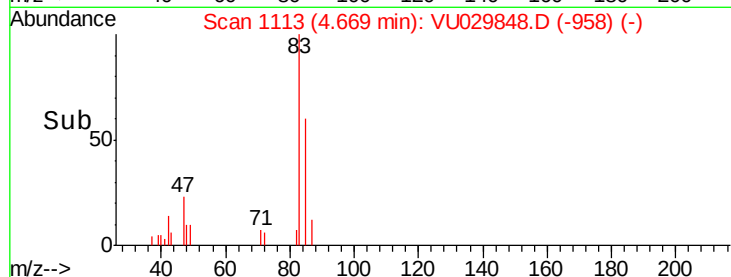
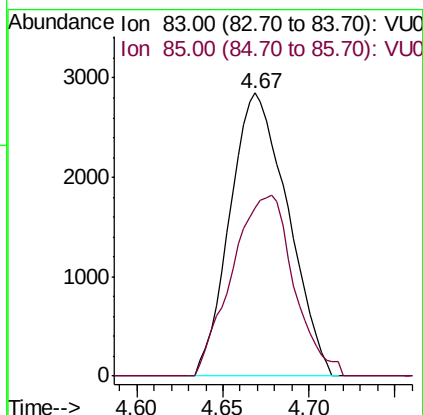
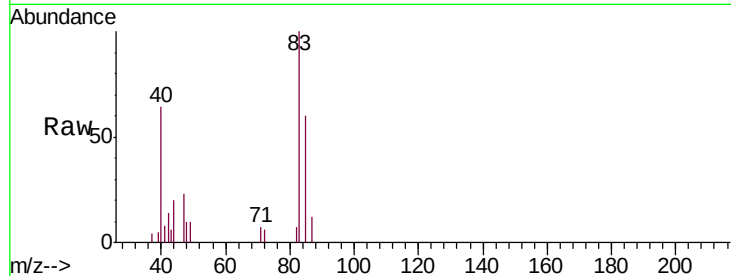




#27
Chloroform
Concen: 0.231 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

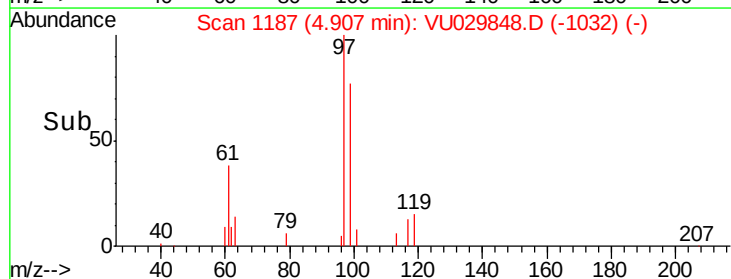
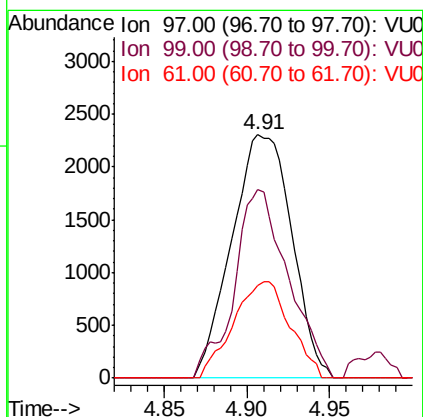
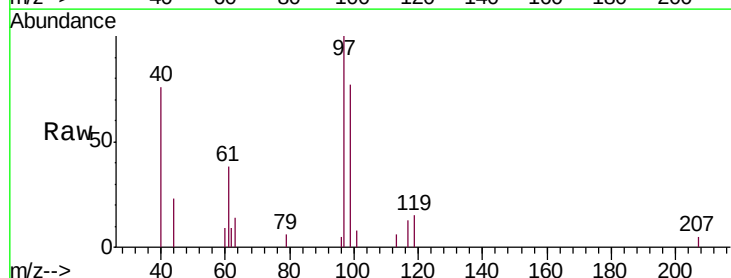
Instrument :
MSVOA_U
ClientSampled :
MDL05

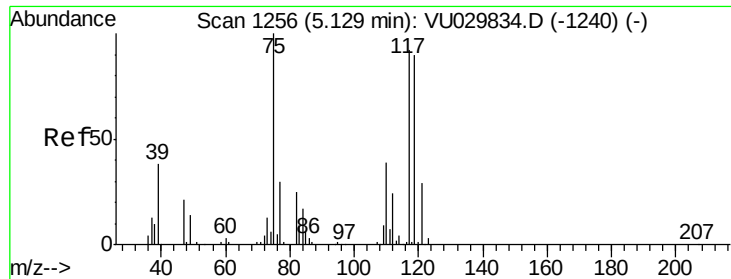
Tgt Ion: 83 Resp: 6658
Ion Ratio Lower Upper
83 100
85 59.6 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 0.238 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 97 Resp: 5821
Ion Ratio Lower Upper
97 100
99 69.4 31.9 95.9
61 37.3 20.4 61.3

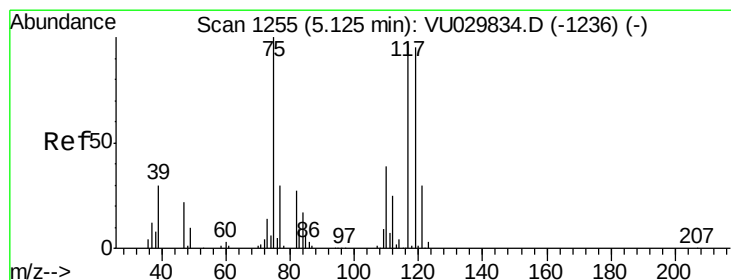
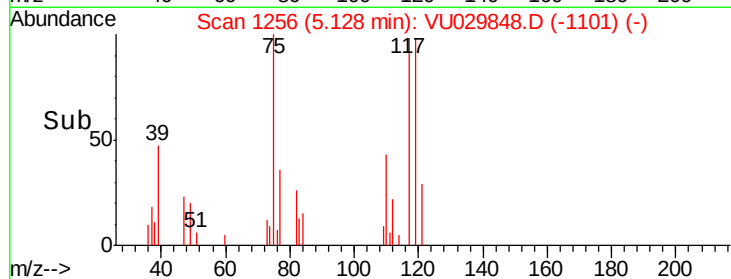
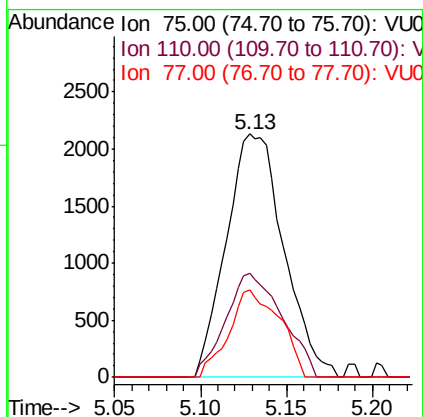
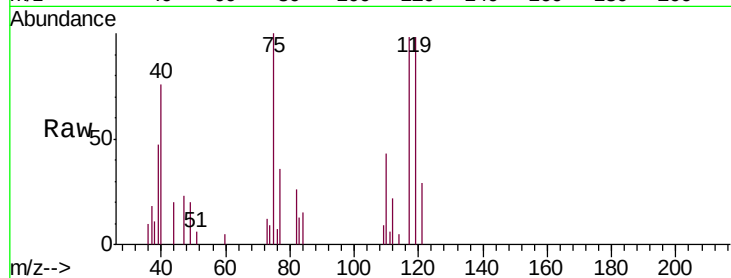




#29
 1,1-Dichloropropene
 Concen: 0.228 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

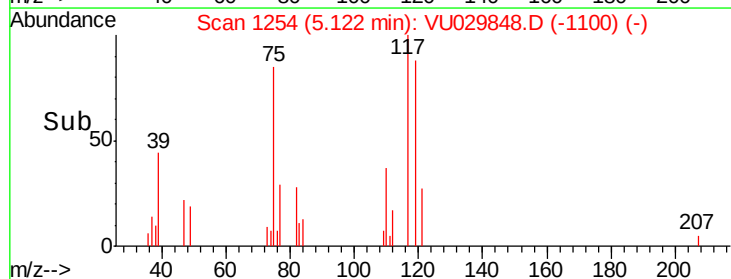
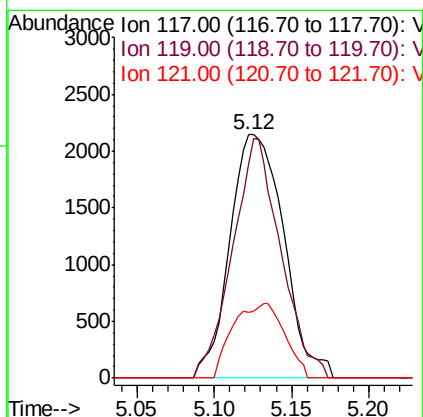
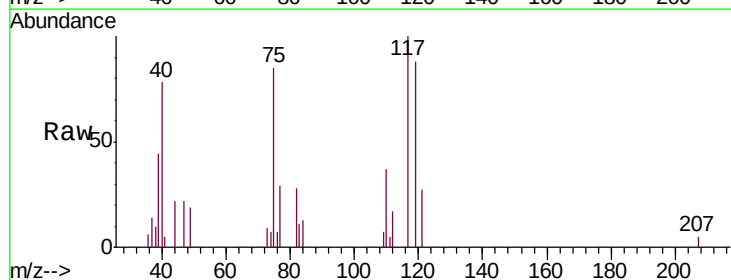
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

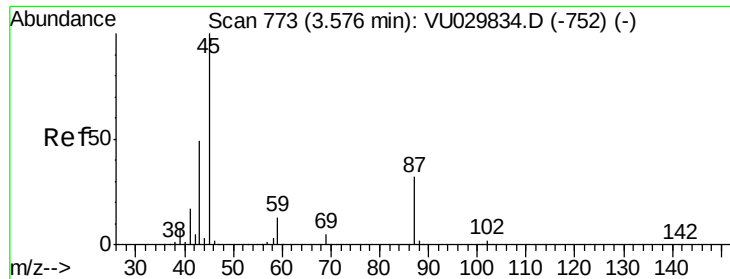
Tgt Ion: 75 Resp: 4957
 Ion Ratio Lower Upper
 75 100
 110 42.0 19.1 57.5
 77 31.4 23.9 35.9



#30
 Carbon Tetrachloride
 Concen: 0.242 ug/l
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 117 Resp: 5177
 Ion Ratio Lower Upper
 117 100
 119 88.2 78.4 117.6
 121 27.2 25.0 37.4





#31

Isopropyl Ether

Concen: 0.249 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

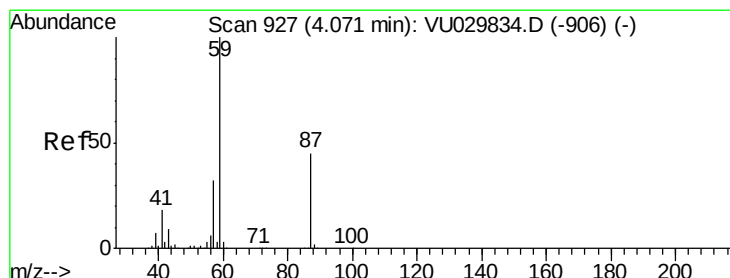
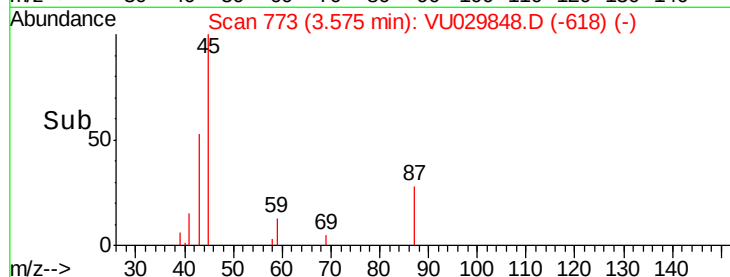
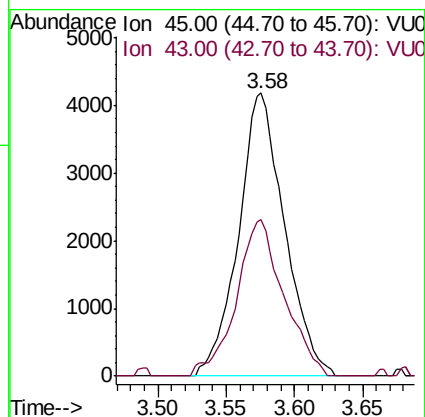
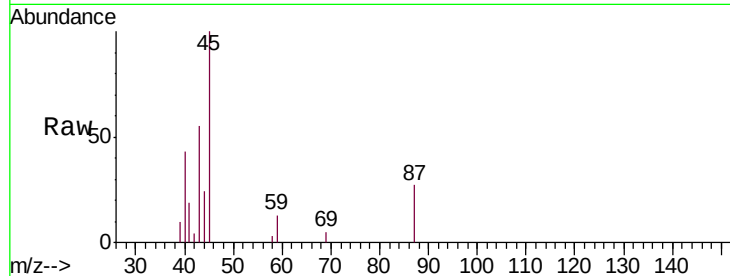
MDL05

Tgt Ion: 45 Resp: 9795

Ion Ratio Lower Upper

45 100

43 56.9 24.3 72.9



#32

Ethyl-t-butyl ether

Concen: 0.250 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029848.D

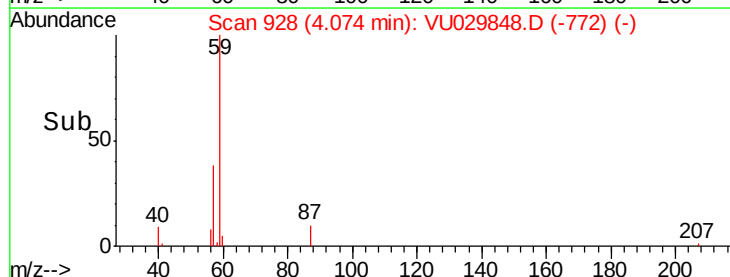
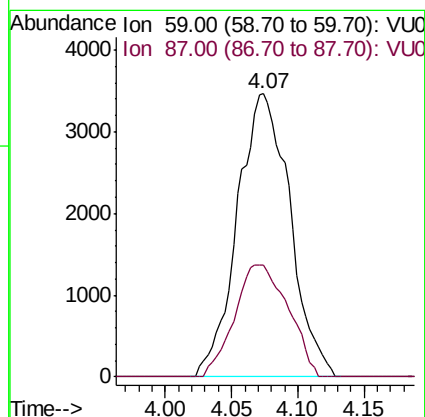
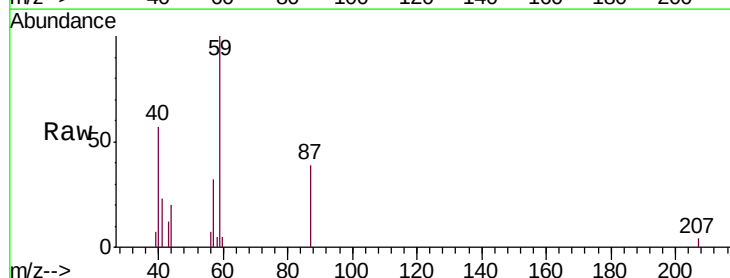
Acq: 07 Mar 2019 11:43

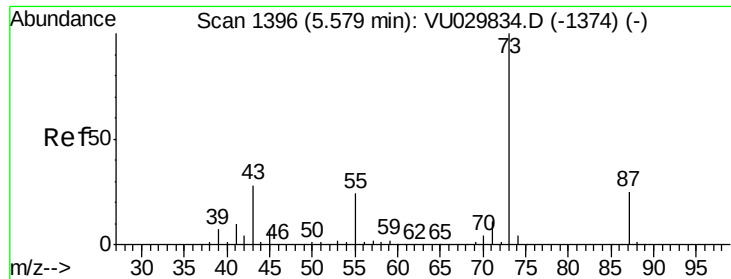
Tgt Ion: 59 Resp: 9572

Ion Ratio Lower Upper

59 100

87 40.4 36.2 54.4

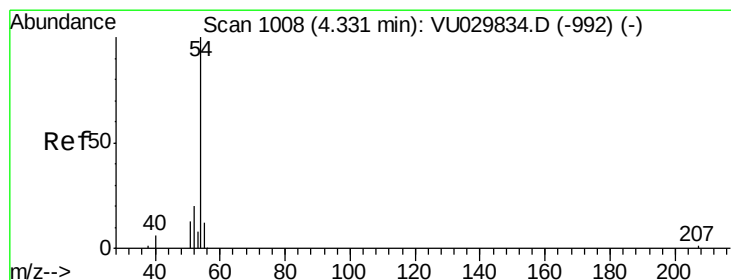
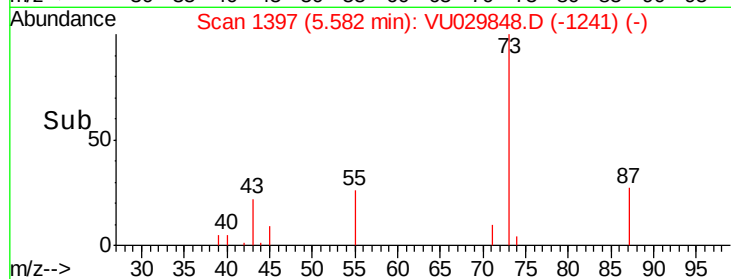
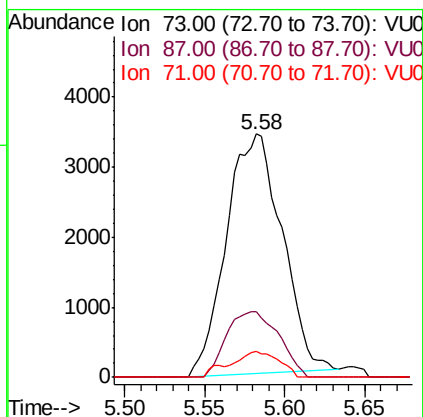
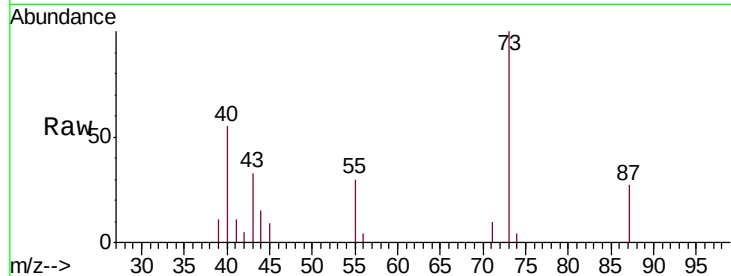




#33
Tert-Amyl methyl ether
Concen: 0.232 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

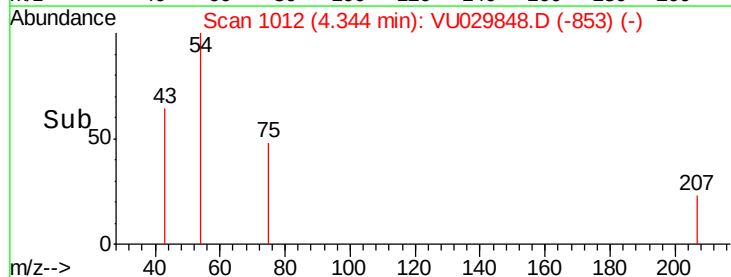
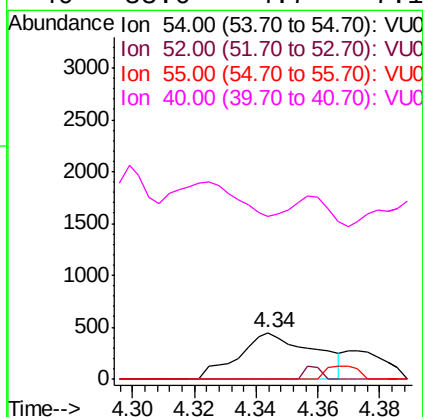
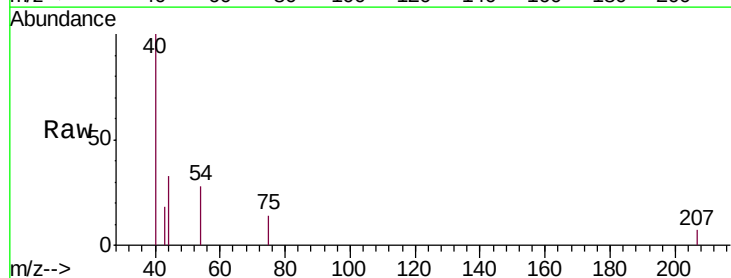
Instrument :
MSVOA_U
ClientSampleId :
MDL05

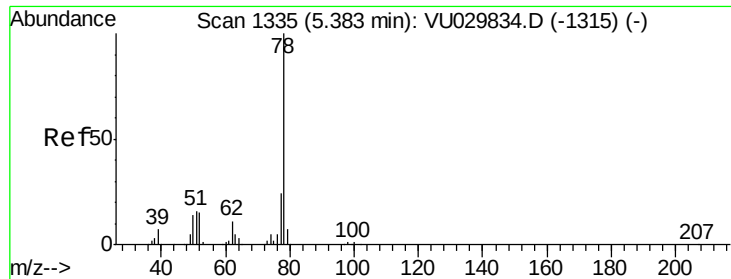
Tgt Ion: 73 Resp: 8183
Ion Ratio Lower Upper
73 100
87 25.6 19.7 29.5
71 9.4 9.4 14.2



#34
Propionitrile
Concen: 0.687 ug/l
RT: 4.34 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 54 Resp: 756
Ion Ratio Lower Upper
54 100
52 6.0 16.1 24.1#
55 11.5 11.2 16.8
40 33.6 4.7 7.1#





#35

Benzene

Concen: 0.253 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

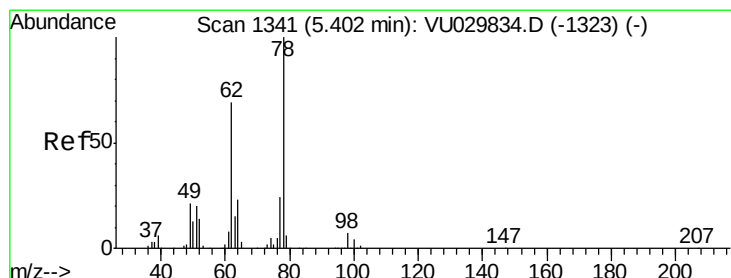
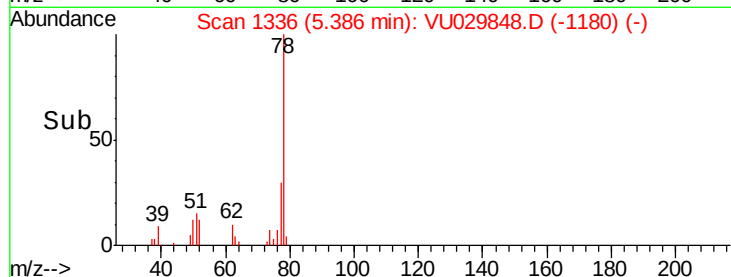
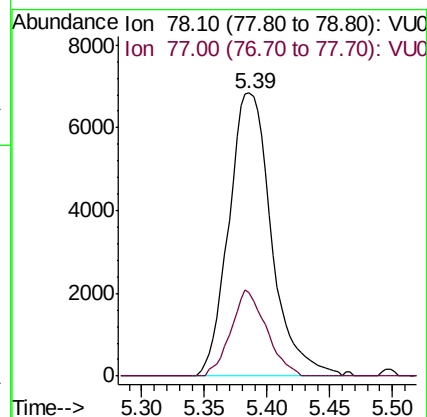
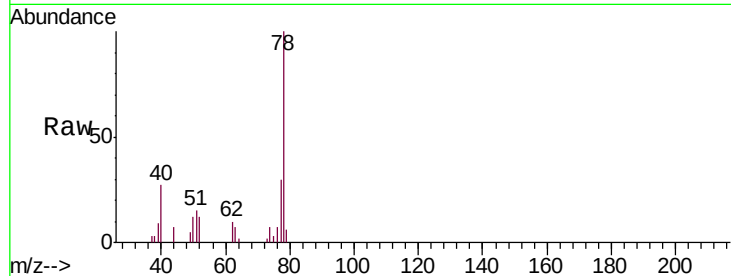
MDL05

Tgt Ion: 78 Resp: 16183

Ion Ratio Lower Upper

78 100

77 29.7 19.2 28.8#



#36

1,2-Dichloroethane

Concen: 0.252 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029848.D

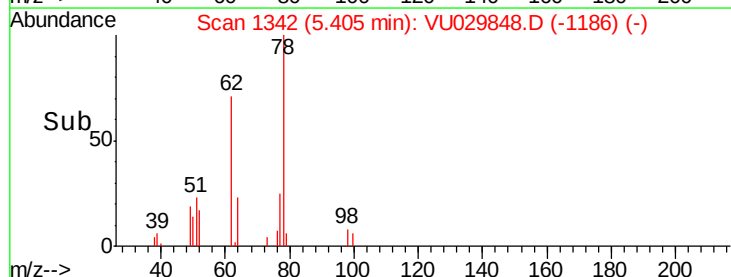
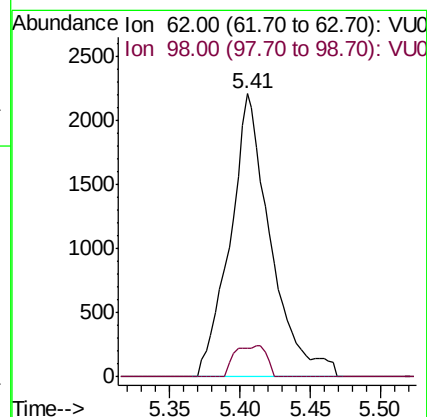
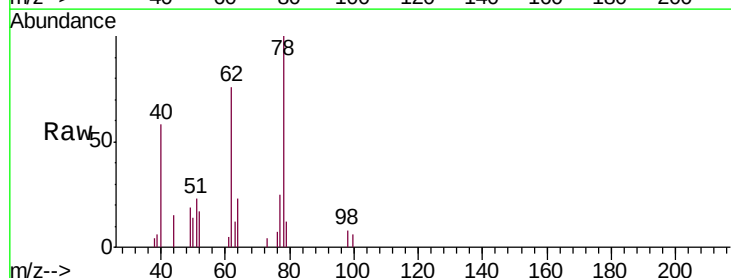
Acq: 07 Mar 2019 11:43

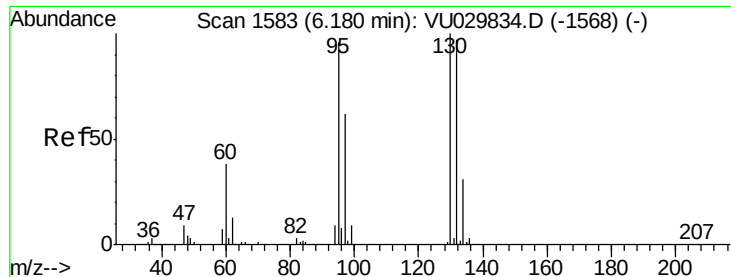
Tgt Ion: 62 Resp: 4410

Ion Ratio Lower Upper

62 100

98 8.7 8.2 12.2





#37

Trichloroethene

Concen: 0.247 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

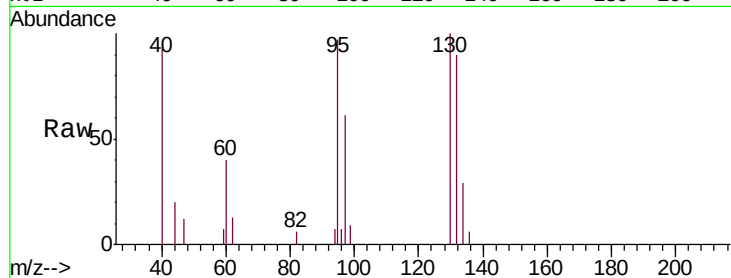
MDL05

Tgt Ion:130 Resp: 4620

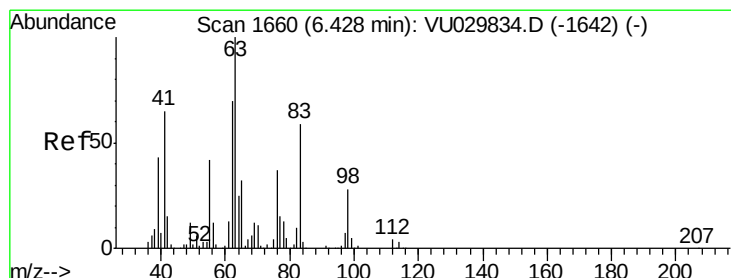
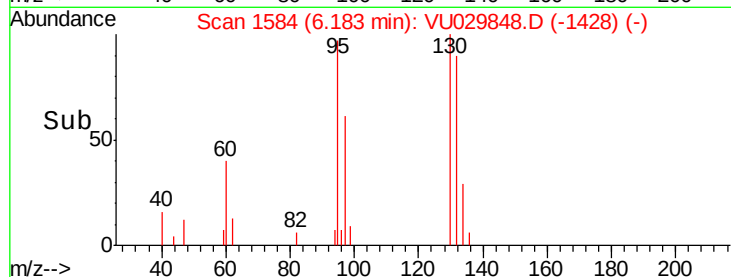
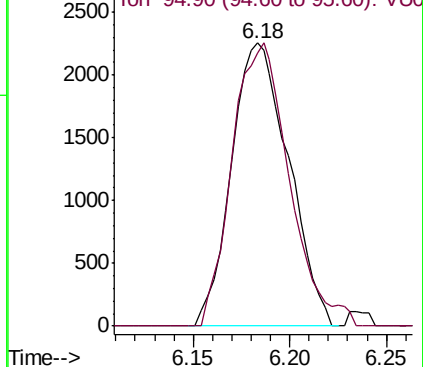
Ion Ratio Lower Upper

130 100

95 96.6 76.6 114.8



Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 0.249 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029848.D

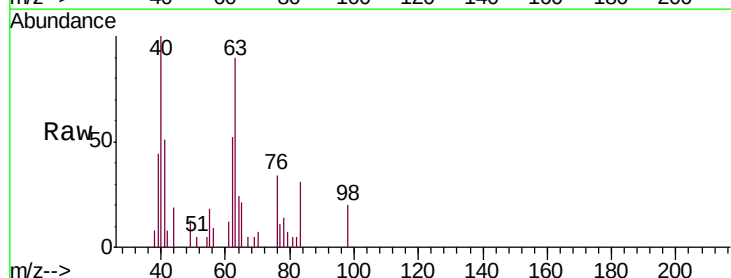
Acq: 07 Mar 2019 11:43

Tgt Ion: 63 Resp: 4044

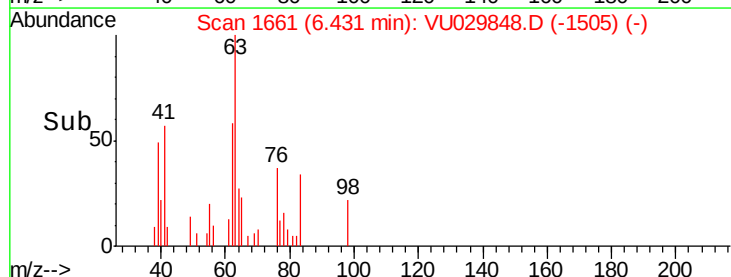
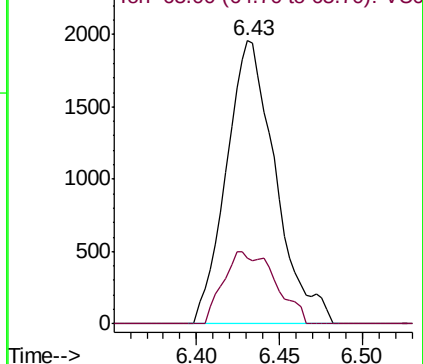
Ion Ratio Lower Upper

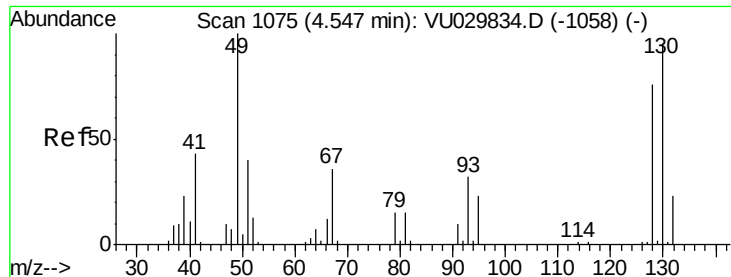
63 100

65 23.2 25.4 38.2#



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)

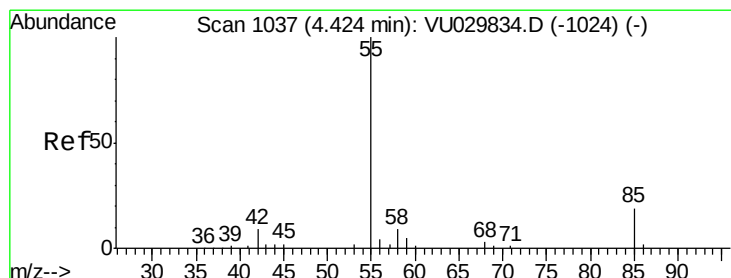
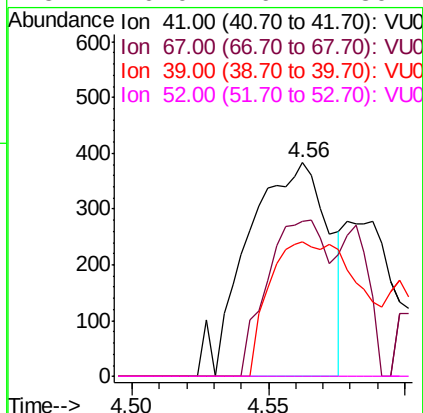
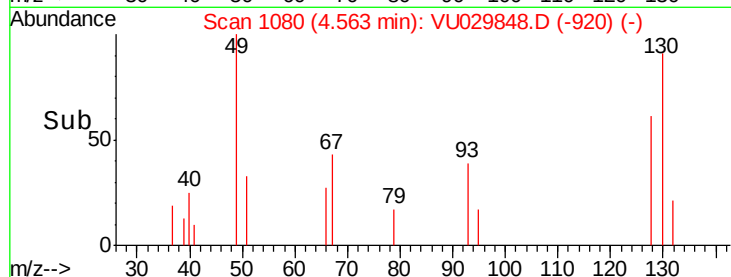
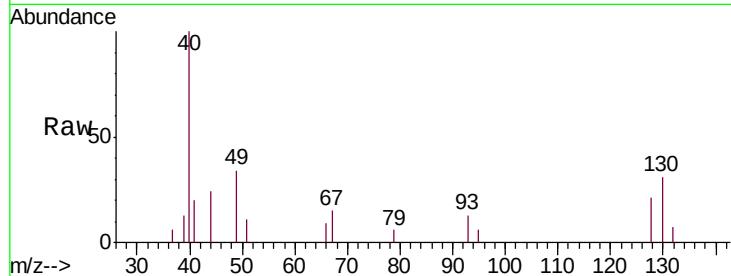




#39
Methacrylonitrile
Concen: 0.171 ug/l
RT: 4.56 min Scan# 1080
Delta R.T. 0.02 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

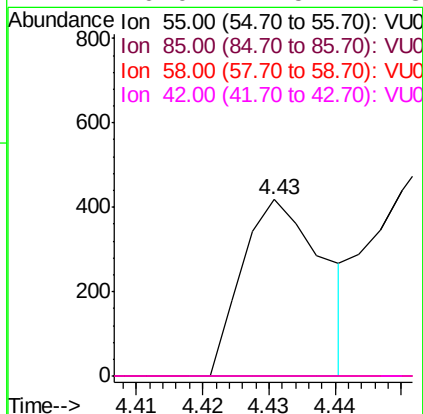
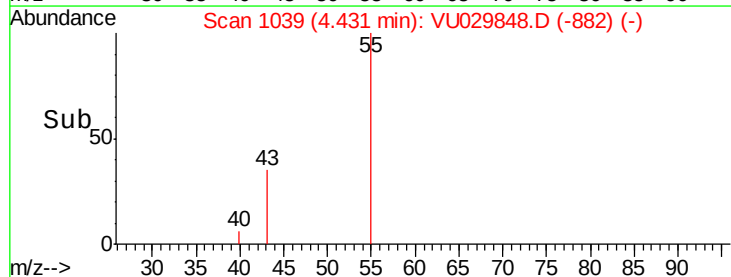
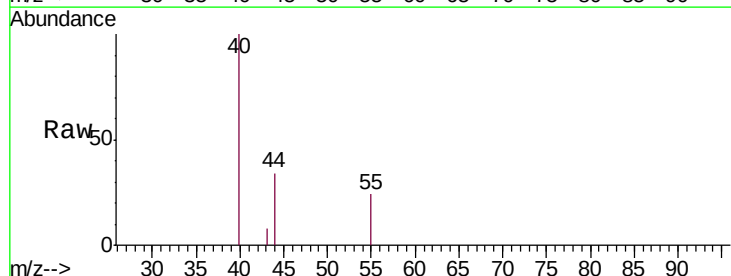
Instrument :
MSVOA_U
ClientSampled :
MDL05

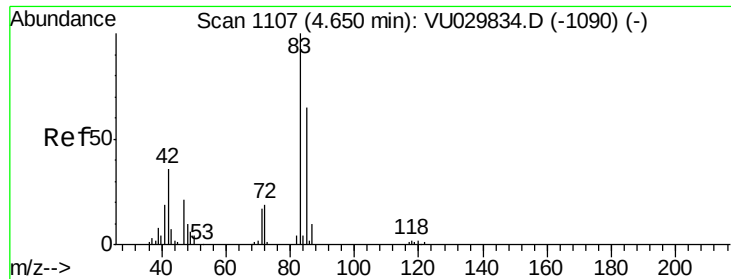
Tgt Ion: 41 Resp: 792
Ion Ratio Lower Upper
41 100
67 52.9 68.4 102.6#
39 70.2 42.6 63.8#
52 0.0 26.2 39.4#



#40
Methyl acrylate
Concen: 0.049 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 55 Resp: 358
Ion Ratio Lower Upper
55 100
85 0.0 15.2 22.8#
58 0.0 7.6 11.4#
42 0.0 7.5 11.3#





#41

Tetrahydrofuran

Concen: 0.301 ug/l

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

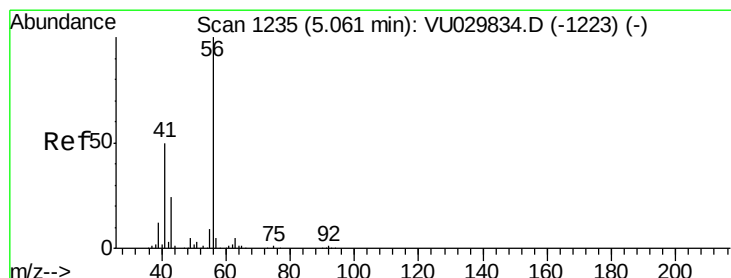
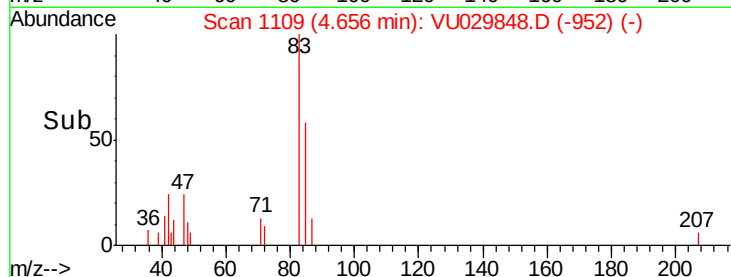
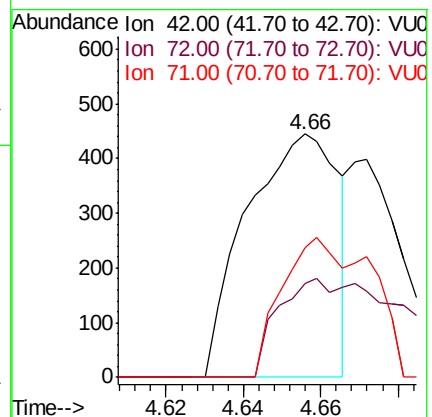
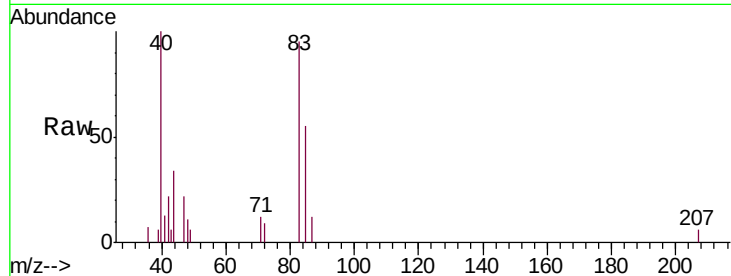
Tgt Ion: 42 Resp: 730

Ion Ratio Lower Upper

42 100

72 50.3 43.6 65.4

71 55.9 37.5 56.3



#42

1-Chlorobutane

Concen: 0.236 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029848.D

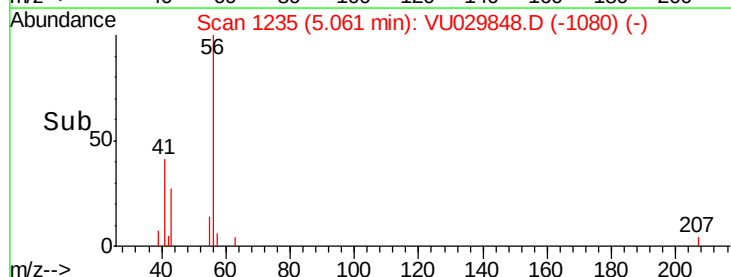
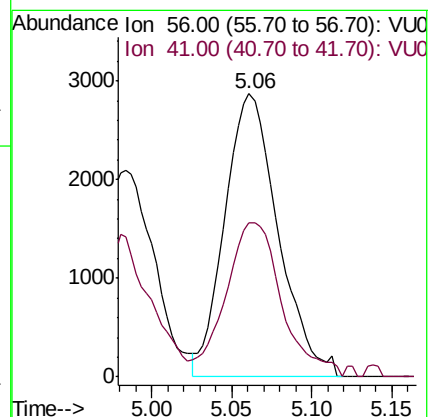
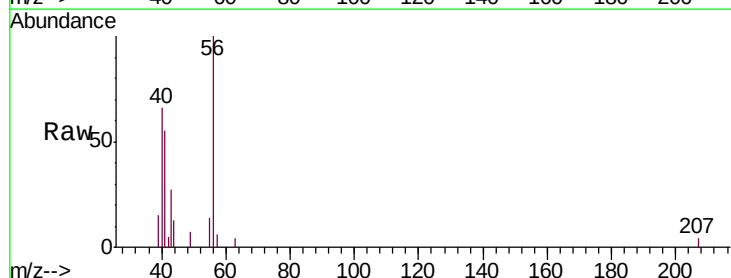
Acq: 07 Mar 2019 11:43

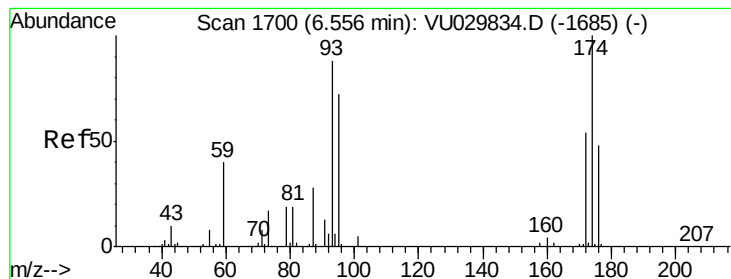
Tgt Ion: 56 Resp: 6567

Ion Ratio Lower Upper

56 100

41 57.0 25.0 75.0





#43

Dibromomethane

Concen: 0.213 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

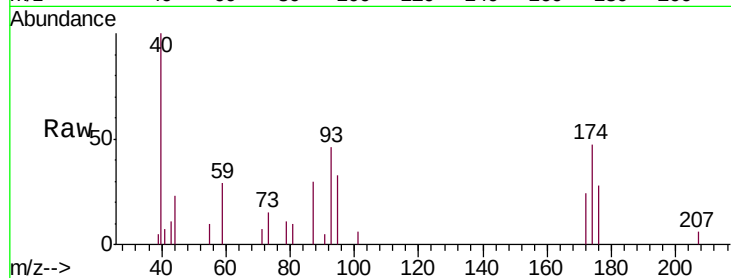
Tgt Ion: 93 Resp: 1794

Ion Ratio Lower Upper

93 100

95 89.1 67.0 100.6

174 123.9 91.4 137.2

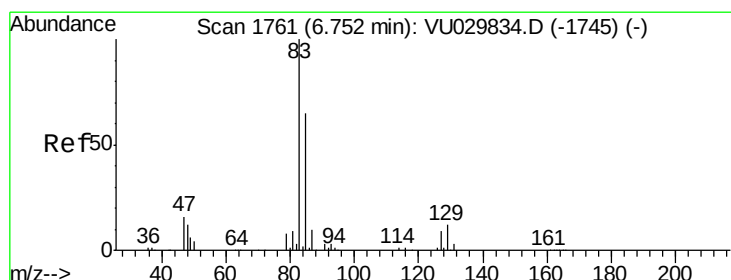
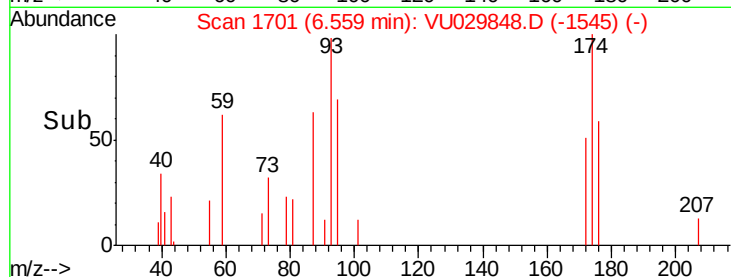


Abundance Ion 93.00 (92.70 to 93.70): VU029834.D (-1685) (-)

Ion 95.00 (94.70 to 95.70): VU029834.D (-1685) (-)

Ion 174.00 (173.70 to 174.70): VU029834.D (-1685) (-)

Time--> 6.50 6.55 6.60



#44

Bromodichloromethane

Concen: 0.230 ug/l

RT: 6.76 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

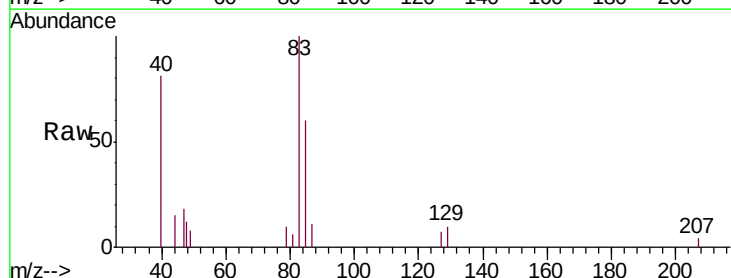
Tgt Ion: 83 Resp: 4758

Ion Ratio Lower Upper

83 100

85 60.4 51.7 77.5

127 7.0 7.4 11.2#

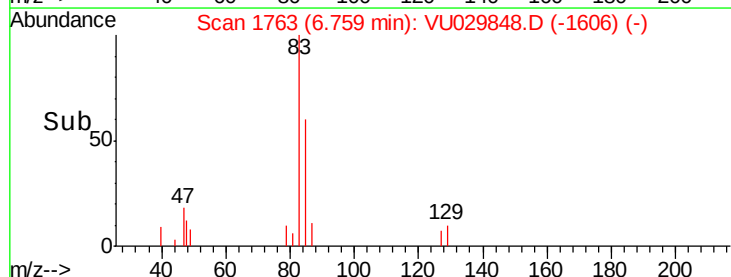


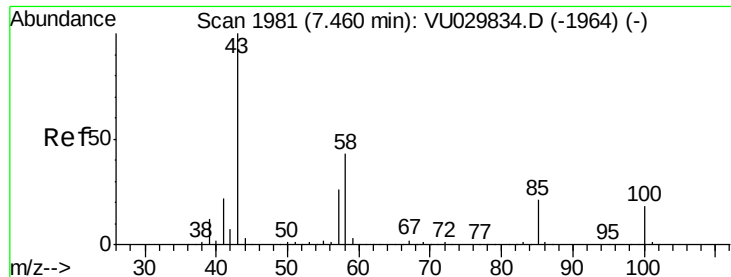
Abundance Ion 83.00 (82.70 to 83.70): VU029834.D (-1745) (-)

Ion 85.00 (84.70 to 85.70): VU029834.D (-1745) (-)

Ion 127.00 (126.70 to 127.70): VU029834.D (-1745) (-)

Time--> 6.70 6.75 6.80

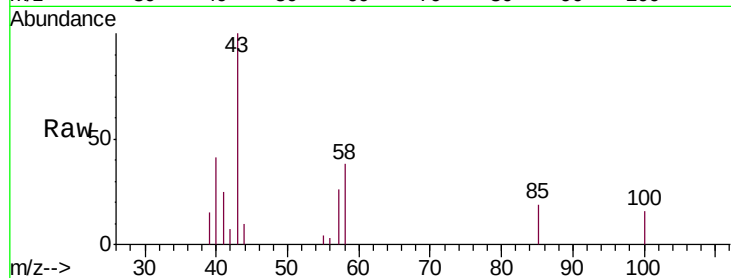




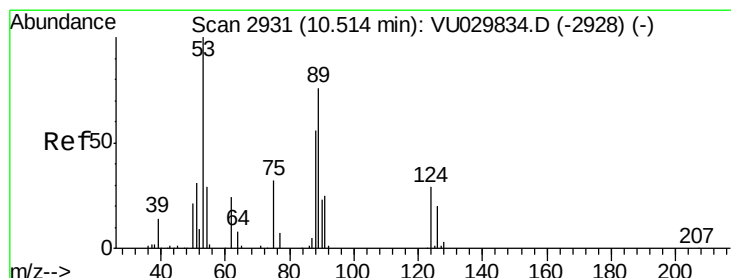
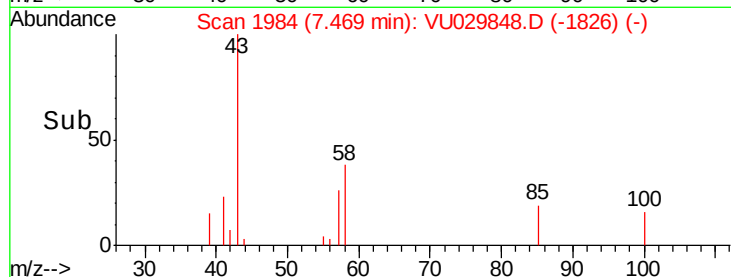
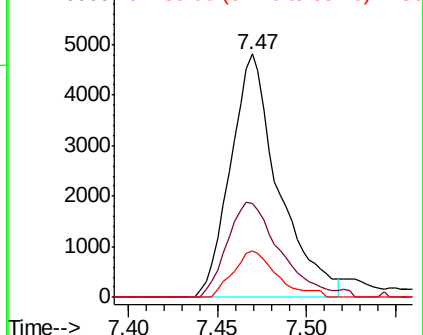
#45
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 7.47 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 9024
Ion Ratio Lower Upper
43 100
58 42.6 21.6 65.0
85 17.4 16.5 24.7

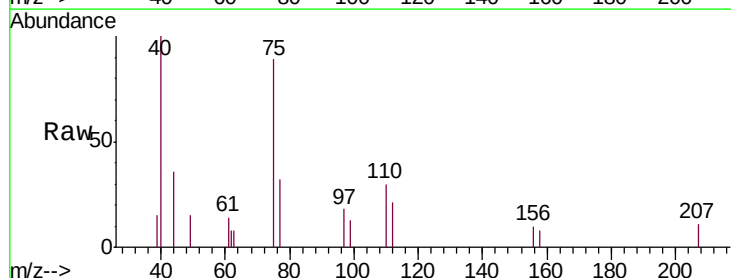


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

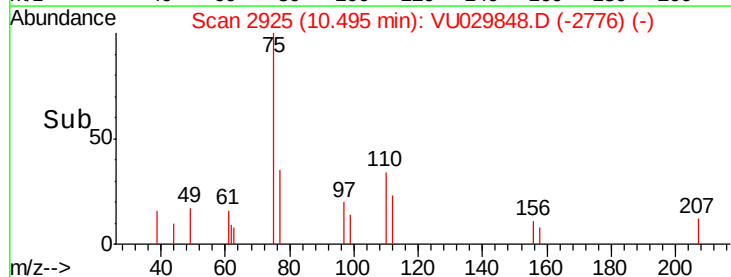
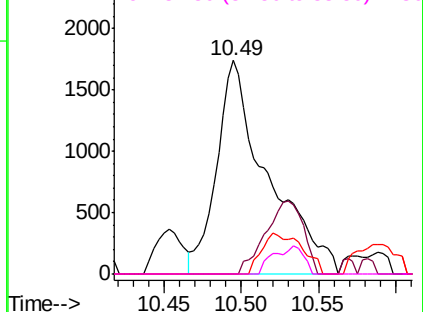


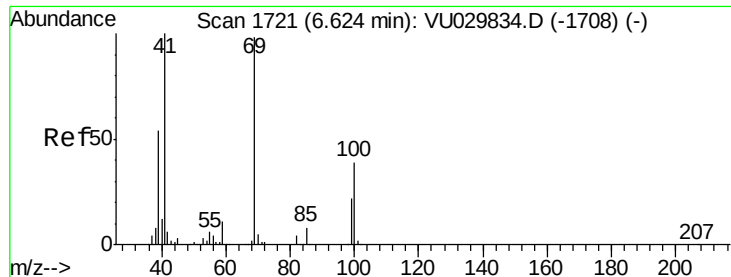
#46
t-1,4-Dichloro-2-butene
Concen: 1.086 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion: 75 Resp: 3982
Ion Ratio Lower Upper
75 100
53 25.4 59.2 88.8#
89 15.1 44.9 67.3#
88 7.8 32.2 48.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 0.421 ug/l

RT: 6.63 min Scan# 1724

Delta R.T. 0.01 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion: 69 Resp: 3034

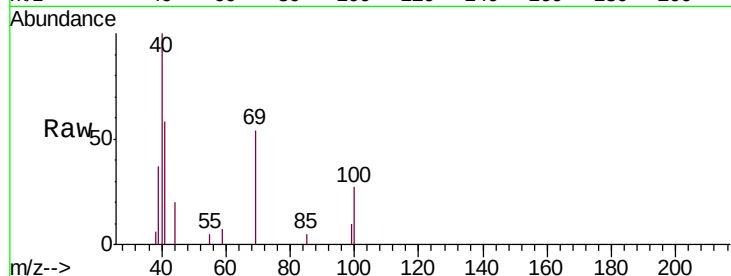
Ion Ratio Lower Upper

69 100

41 103.8 0.0 201.0

39 58.1 43.3 64.9

100 39.4 31.5 47.3



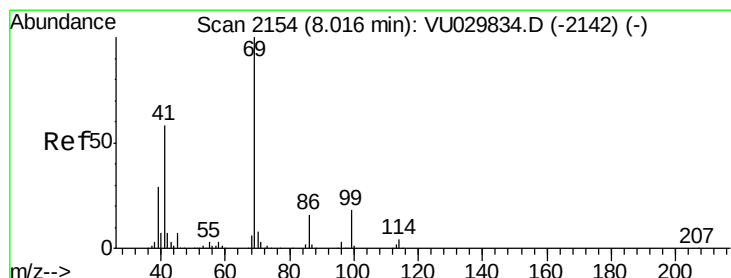
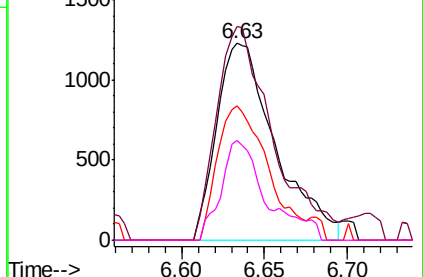
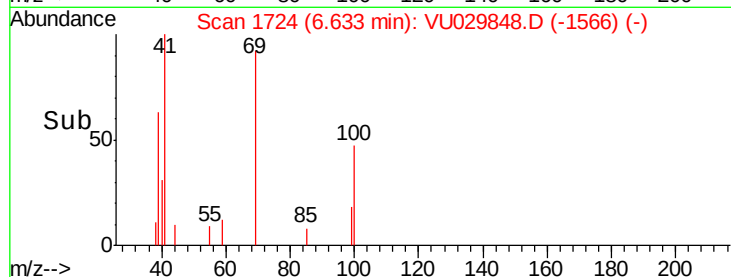
Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

Time-->



#48

Ethyl methacrylate

Concen: 0.180 ug/l

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VU029848.D

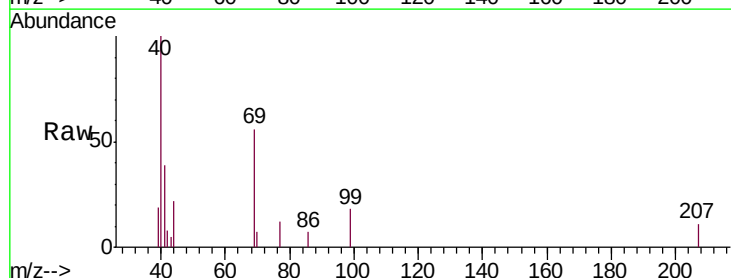
Acq: 07 Mar 2019 11:43

Tgt Ion: 69 Resp: 2484

Ion Ratio Lower Upper

69 100

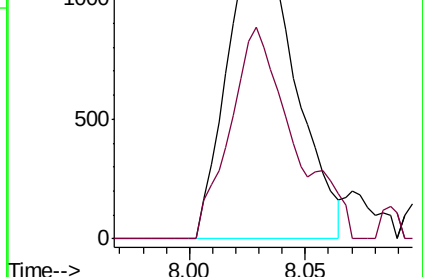
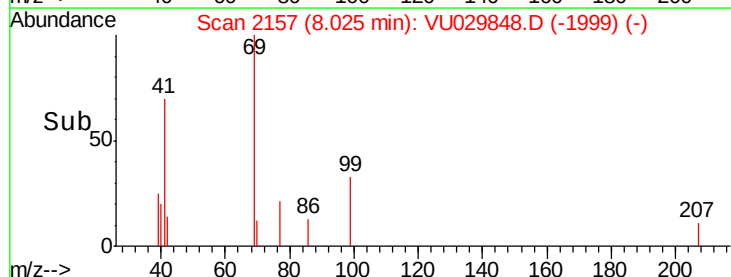
41 67.4 29.0 87.1

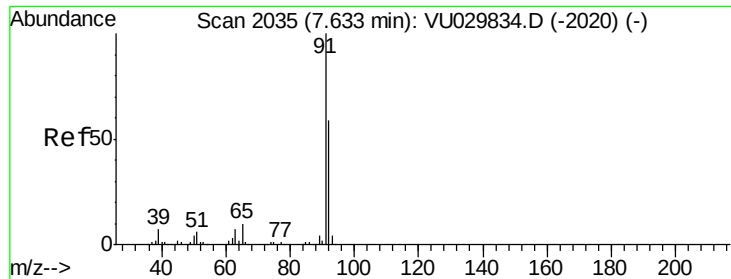


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Time-->





#49

Toluene

Concen: 0.217 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

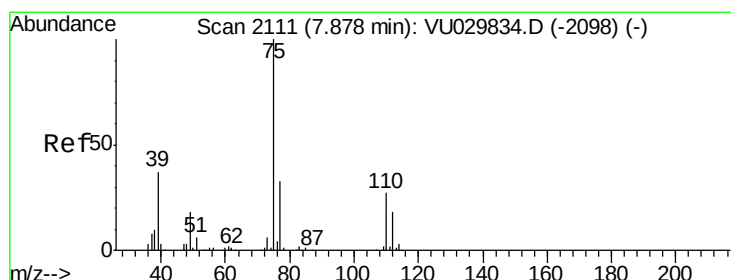
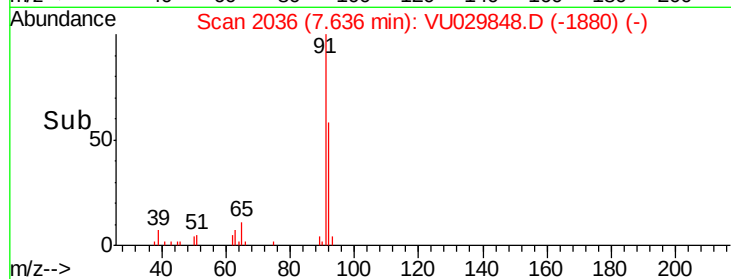
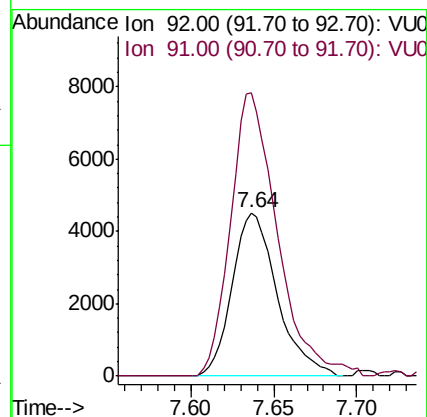
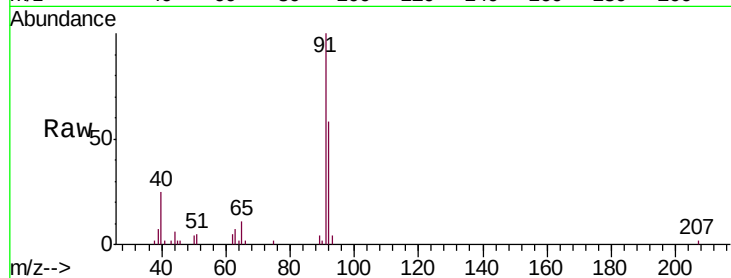
MDL05

Tgt Ion: 92 Resp: 8521

Ion Ratio Lower Upper

92 100

91 180.6 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 0.194 ug/l

RT: 7.89 min Scan# 2116

Delta R.T. 0.02 min

Lab File: VU029848.D

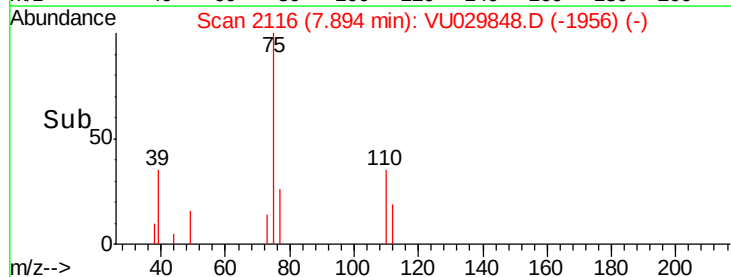
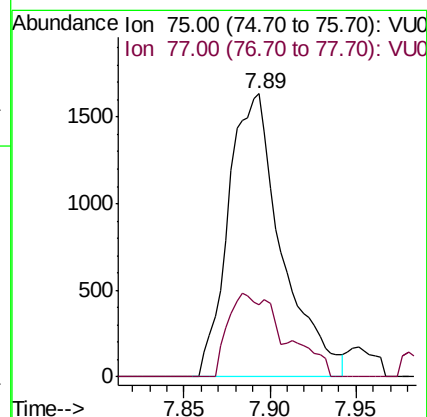
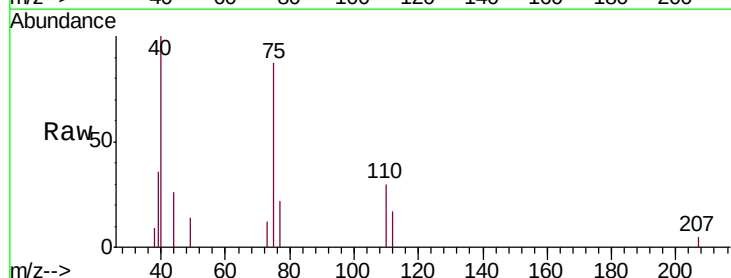
Acq: 07 Mar 2019 11:43

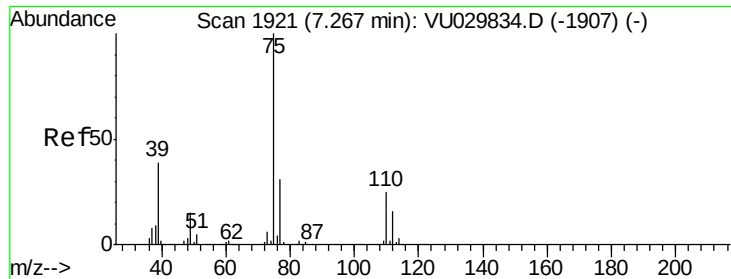
Tgt Ion: 75 Resp: 3517

Ion Ratio Lower Upper

75 100

77 25.6 26.4 39.6#

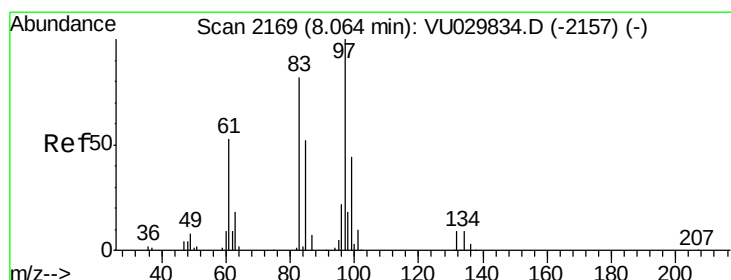
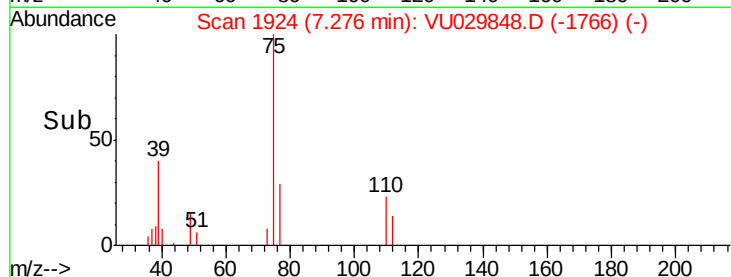
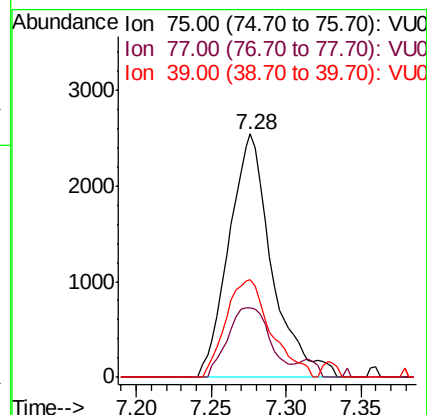
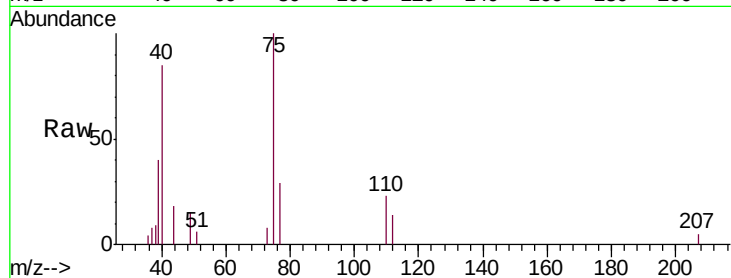




#51
 cis-1,3-Dichloropropene
 Concen: 0.226 ug/l
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

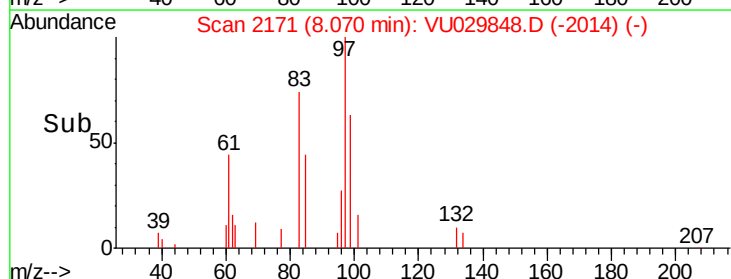
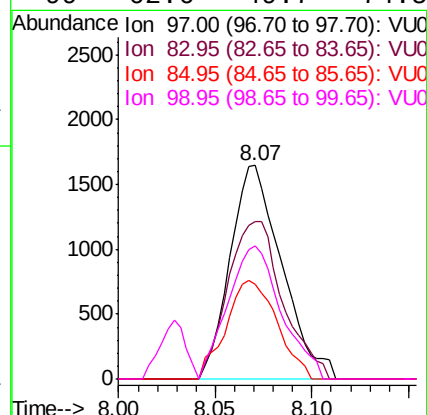
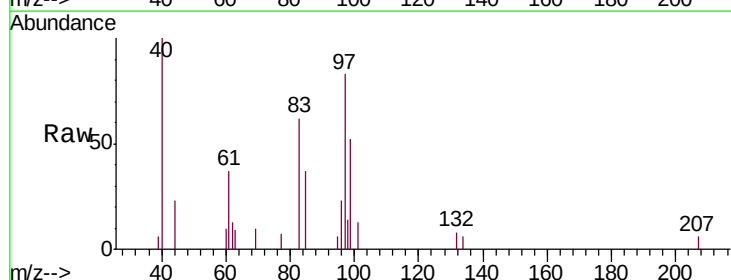
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

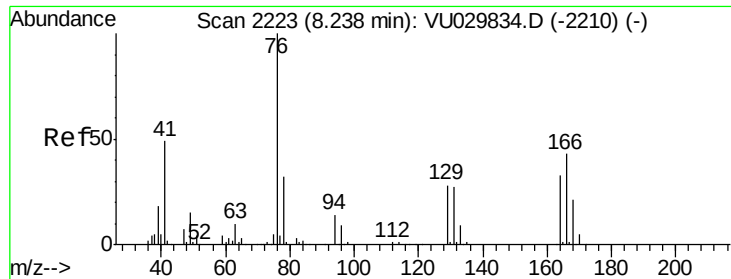
Tgt Ion: 75 Resp: 5058
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.9 37.3
 39 40.3 30.8 46.2



#52
 1,1,2-Trichloroethane
 Concen: 0.246 ug/l
 RT: 8.07 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 97 Resp: 3056
 Ion Ratio Lower Upper
 97 100
 83 73.9 65.9 98.9
 85 44.4 43.0 64.6
 99 62.6 49.7 74.5

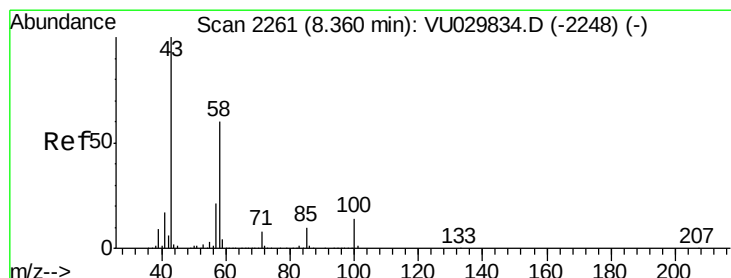
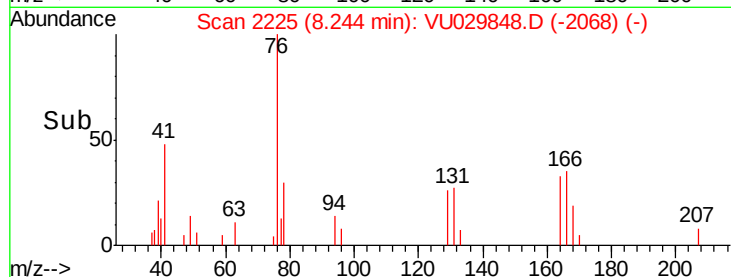
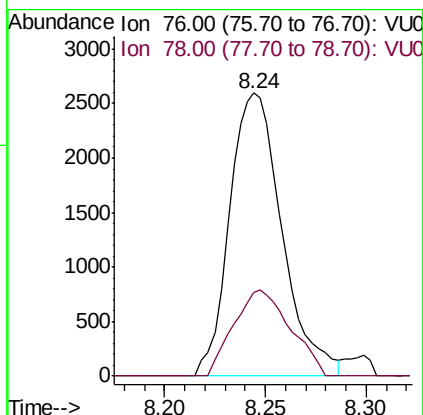
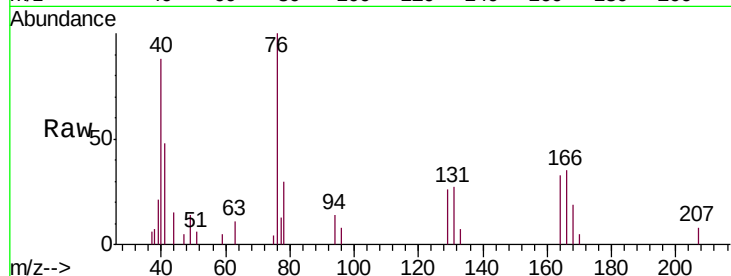




#53
 1,3-Dichloropropane
 Concen: 0.231 ug/l
 RT: 8.24 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

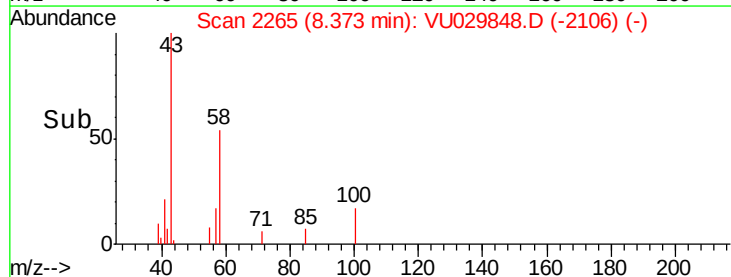
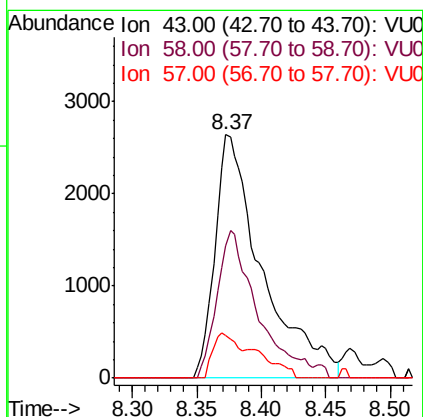
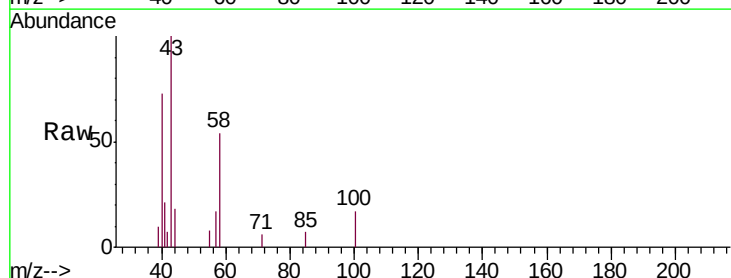
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

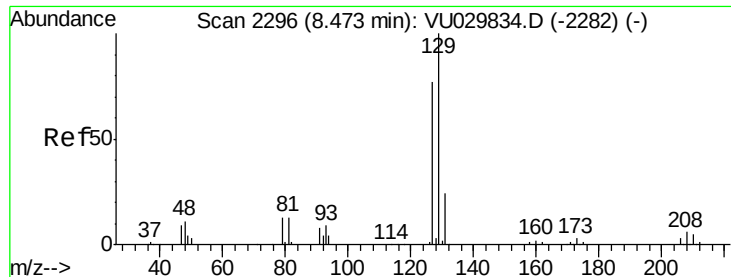
Tgt Ion: 76 Resp: 4716
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#54
 2-Hexanone
 Concen: 1.099 ug/l
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 43 Resp: 6693
 Ion Ratio Lower Upper
 43 100
 58 52.0 39.6 79.6
 57 9.7 0.5 40.5





#55

Dibromochloromethane

Concen: 0.231 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

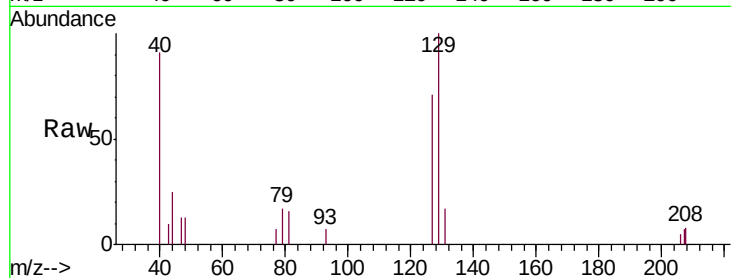
MDL05

Tgt Ion:129 Resp: 3405

Ion Ratio Lower Upper

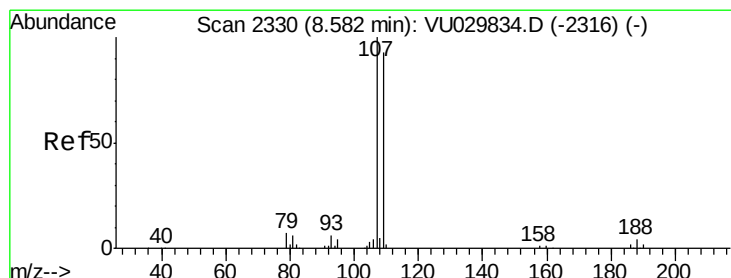
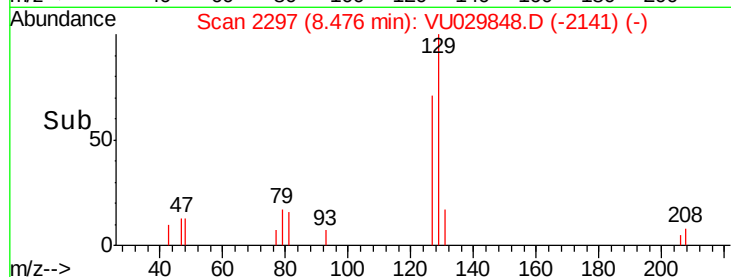
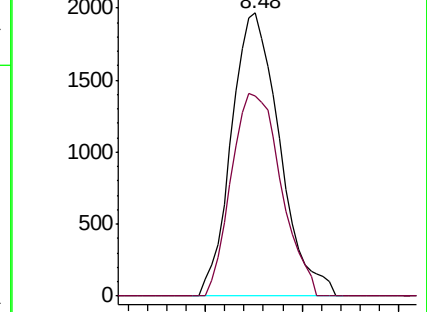
129 100

127 73.8 61.6 92.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.236 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.01 min

Lab File: VU029848.D

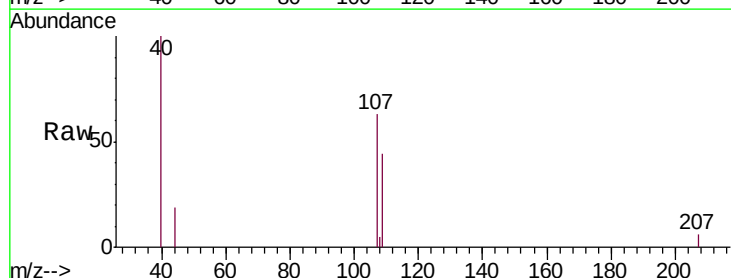
Acq: 07 Mar 2019 11:43

Tgt Ion:107 Resp: 2788

Ion Ratio Lower Upper

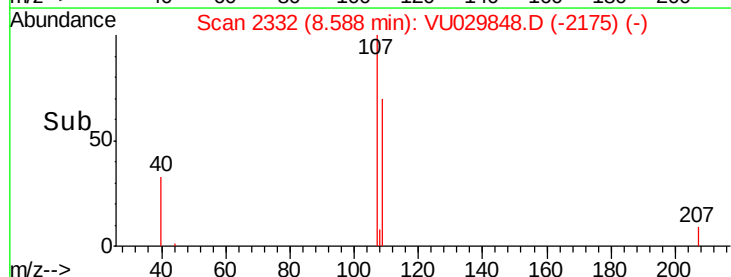
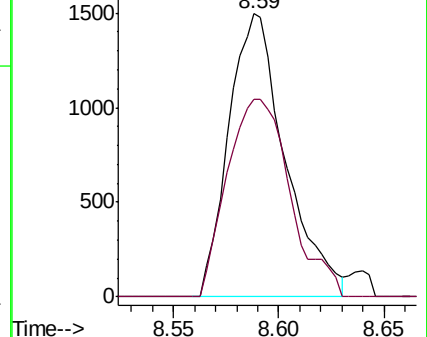
107 100

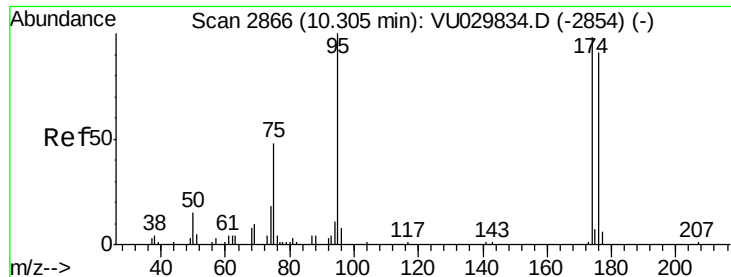
109 77.9 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.236 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

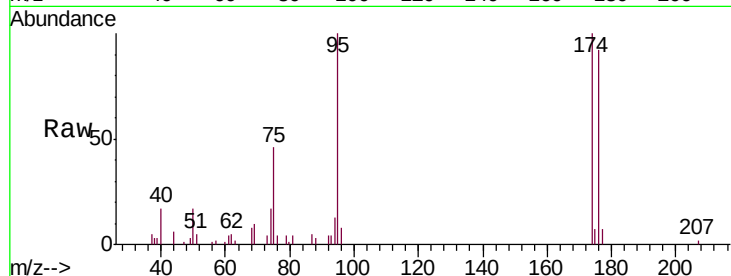
Tgt Ion: 95 Resp: 17820

Ion Ratio Lower Upper

95 100

174 102.4 76.5 114.7

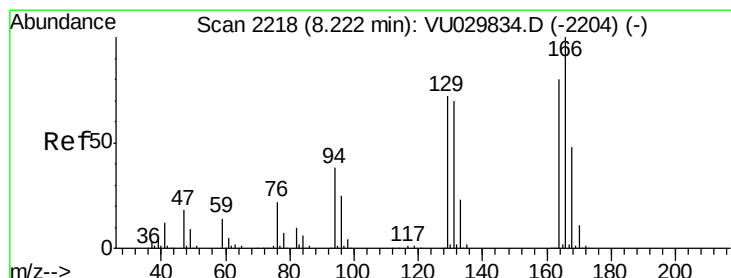
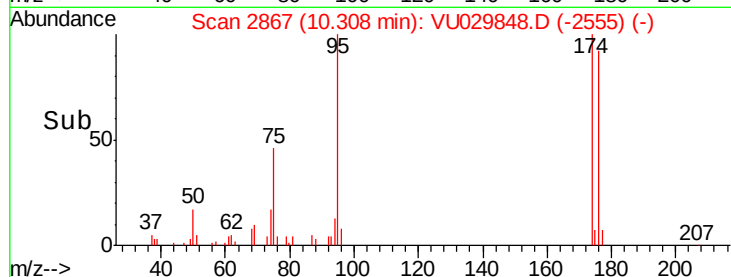
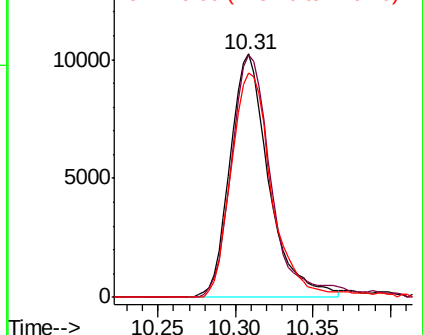
176 97.5 74.2 111.2



Abundance Ion 95.00 (94.70 to 95.70): VU029834.D (-2854) (-)

Ion 174.00 (173.70 to 174.70): VU029834.D (-2854) (-)

Ion 176.00 (175.70 to 176.70): VU029834.D (-2854) (-)



#58

Tetrachloroethene

Concen: 0.246 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Tgt Ion: 164 Resp: 4697

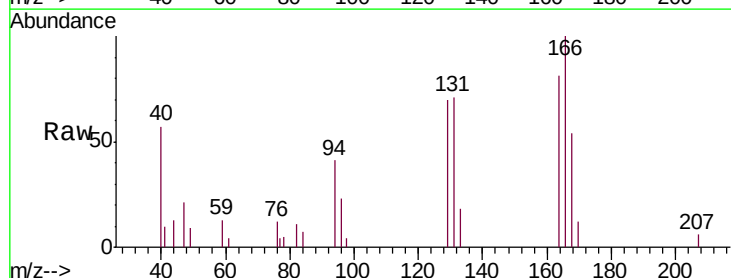
Ion Ratio Lower Upper

164 100

166 123.5 100.5 150.7

129 85.9 72.3 108.5

131 88.2 70.0 105.0

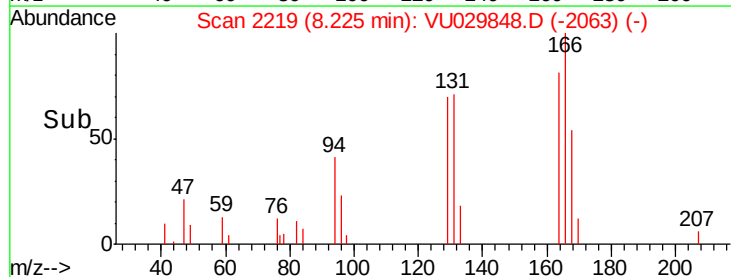
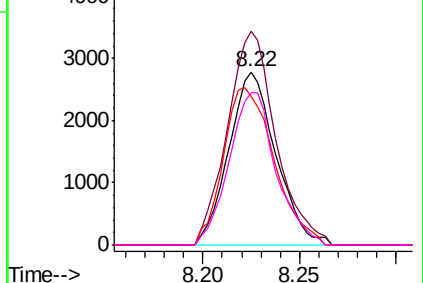


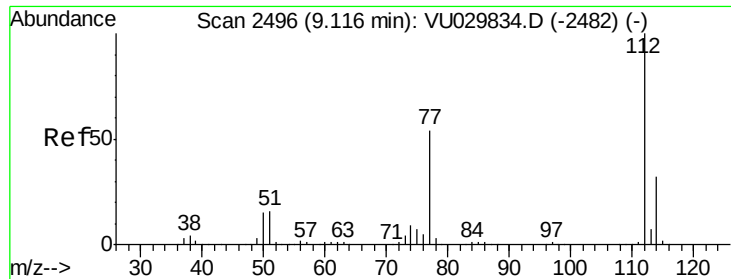
Abundance Ion 163.85 (163.55 to 164.55): VU029834.D (-2204) (-)

Ion 165.80 (165.50 to 166.50): VU029834.D (-2204) (-)

Ion 128.90 (128.60 to 129.60): VU029834.D (-2204) (-)

Ion 130.90 (130.60 to 131.60): VU029834.D (-2204) (-)

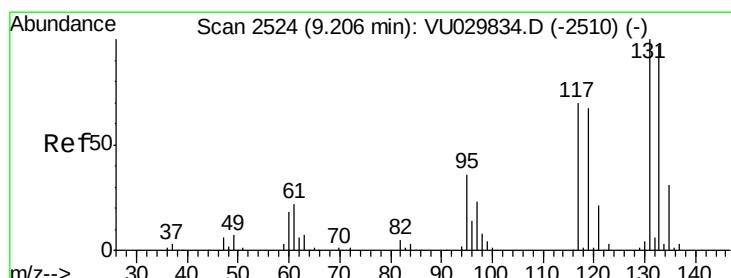
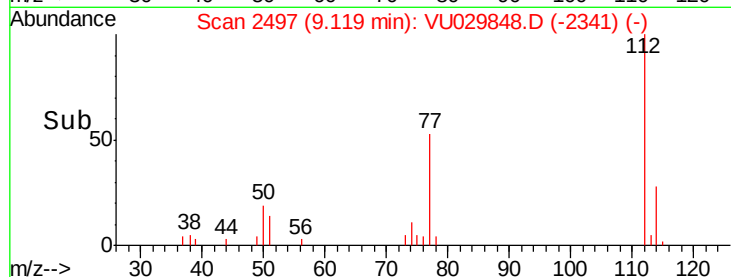
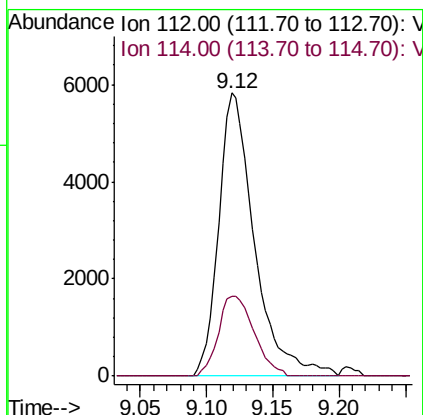
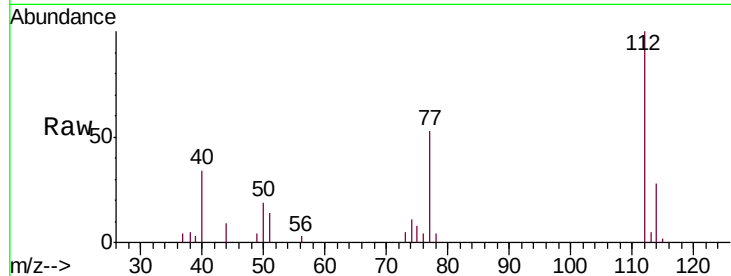




#59
Chlorobenzene
Concen: 0.242 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

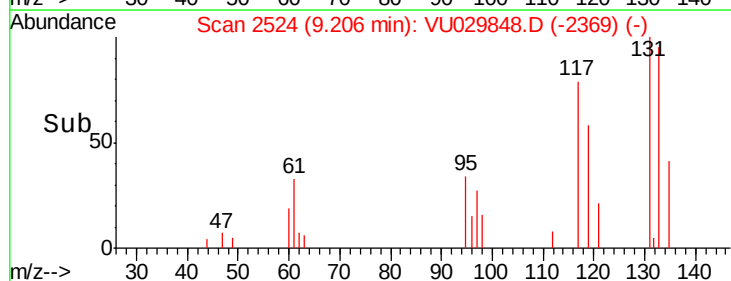
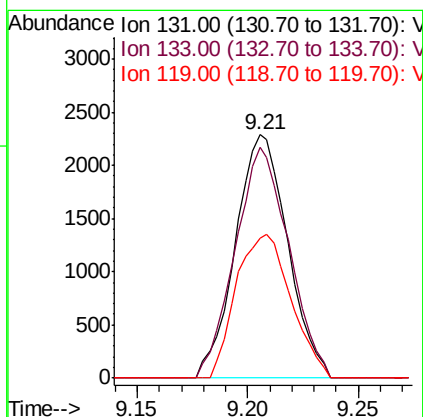
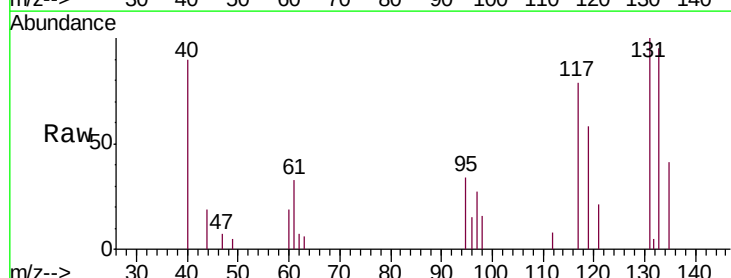
Instrument :
MSVOA_U
ClientSampled :
MDL05

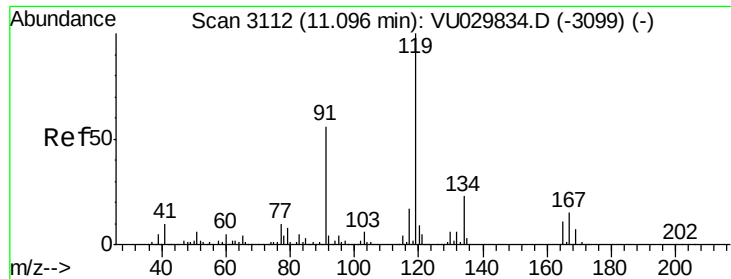
Tgt Ion:112 Resp: 10940
Ion Ratio Lower Upper
112 100
114 28.2 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.232 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion:131 Resp: 3768
Ion Ratio Lower Upper
131 100
133 97.4 76.4 114.6
119 61.9 54.2 81.4

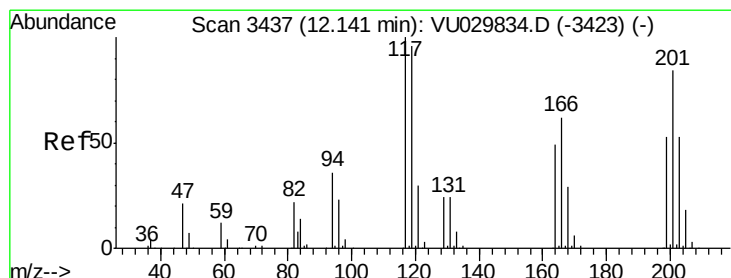
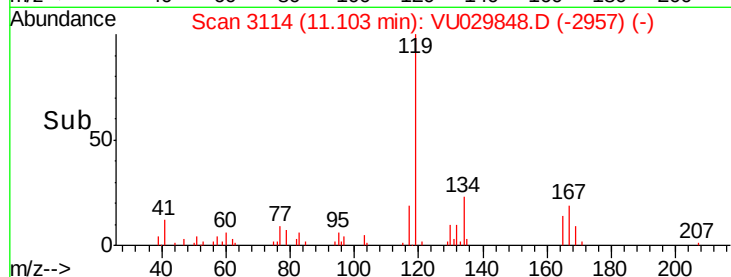
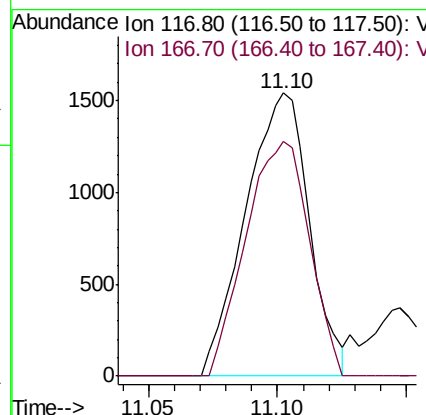
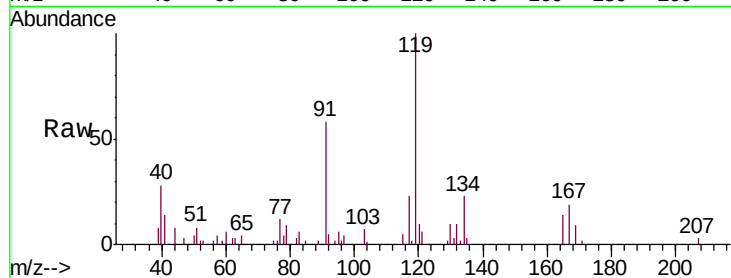




#61
 Pentachloroethane
 Concen: 0.235 ug/l
 RT: 11.10 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

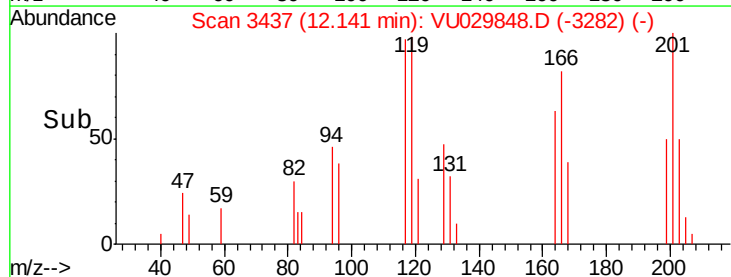
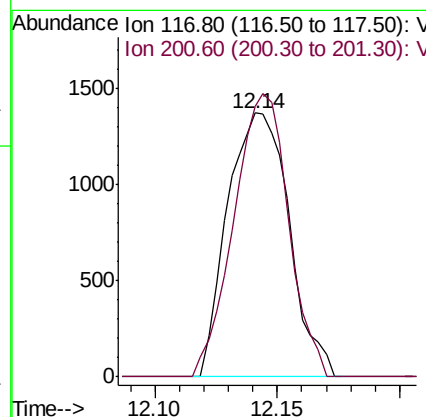
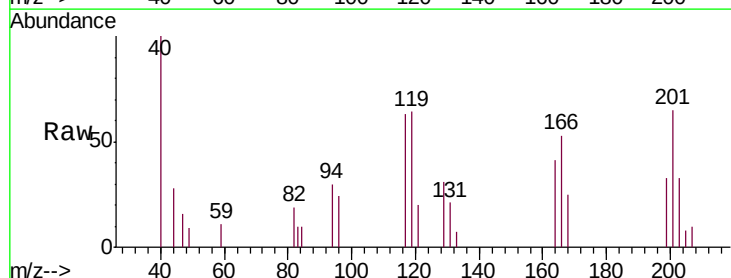
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

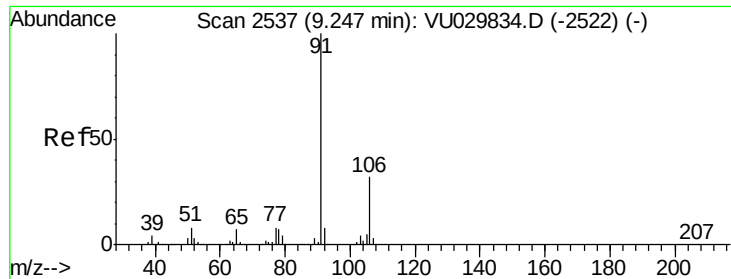
Tgt Ion:117 Resp: 2656
 Ion Ratio Lower Upper
 117 100
 167 82.6 71.4 107.2



#62
 Hexachloroethane
 Concen: 0.202 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion:117 Resp: 2401
 Ion Ratio Lower Upper
 117 100
 201 95.3 68.2 102.2





#63

Ethyl Benzene

Concen: 0.212 ug/l

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

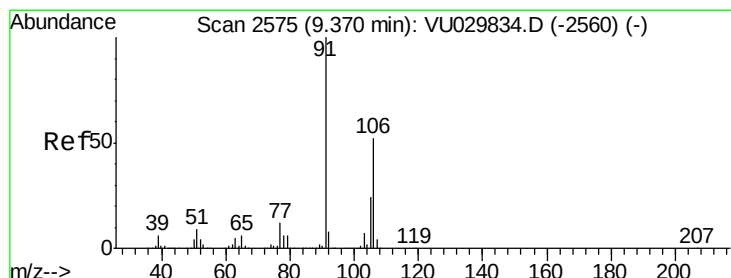
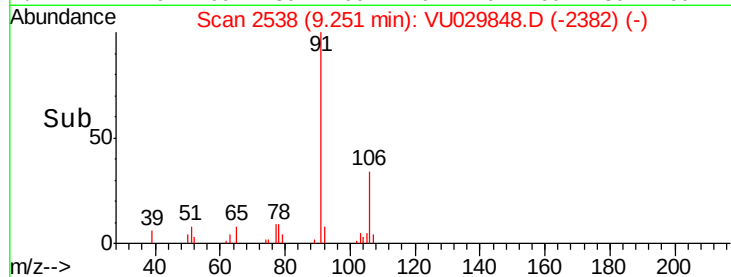
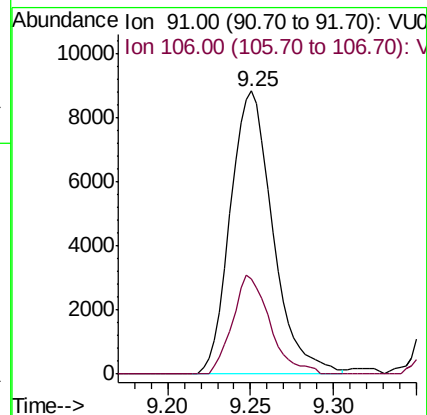
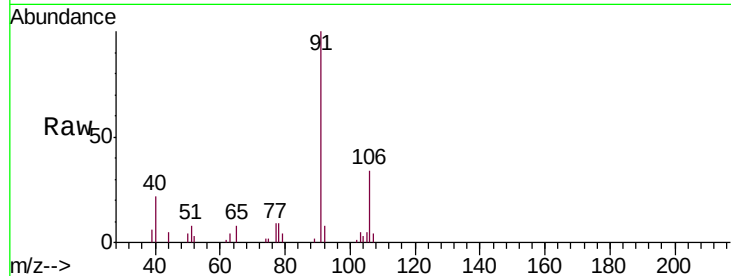
MDL05

Tgt Ion: 91 Resp: 15707

Ion Ratio Lower Upper

91 100

106 33.6 25.7 38.5



#64

m/p-Xylenes

Concen: 0.394 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029848.D

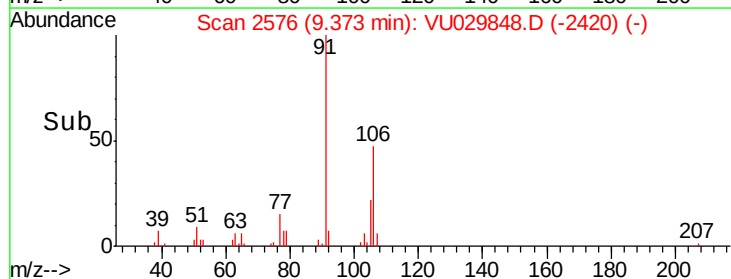
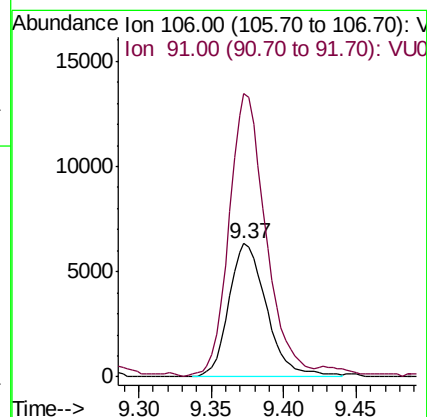
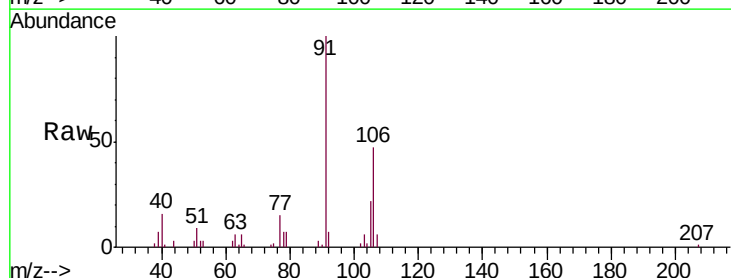
Acq: 07 Mar 2019 11:43

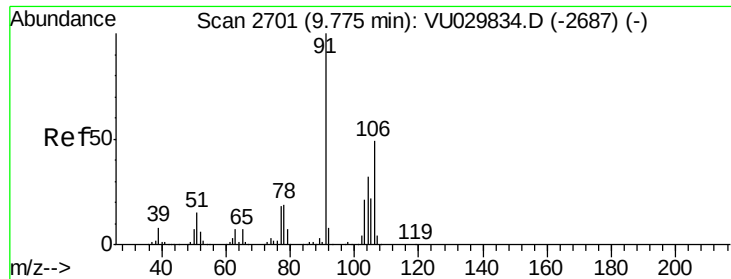
Tgt Ion: 106 Resp: 11540

Ion Ratio Lower Upper

106 100

91 206.0 155.3 232.9

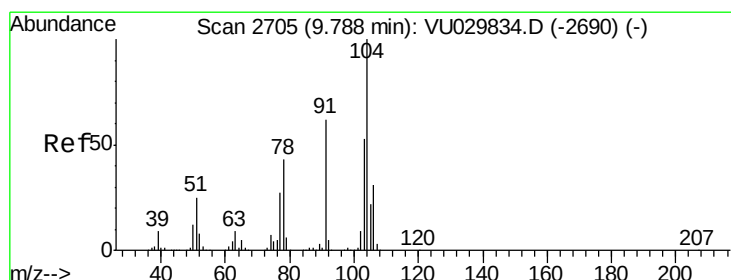
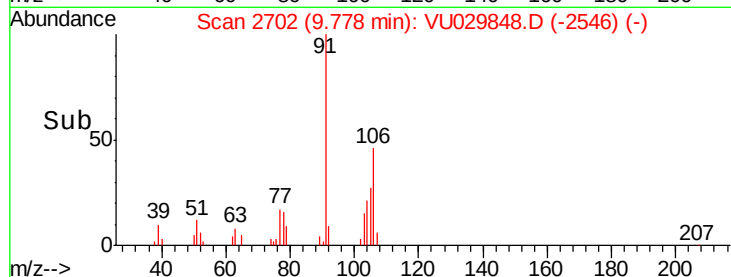
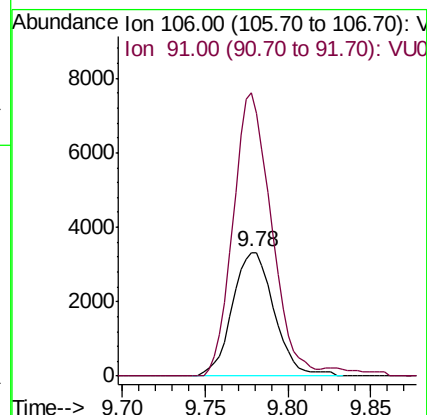
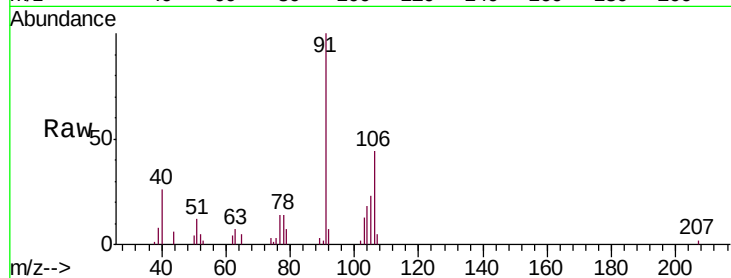




#65
o-Xylene
Concen: 0.208 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

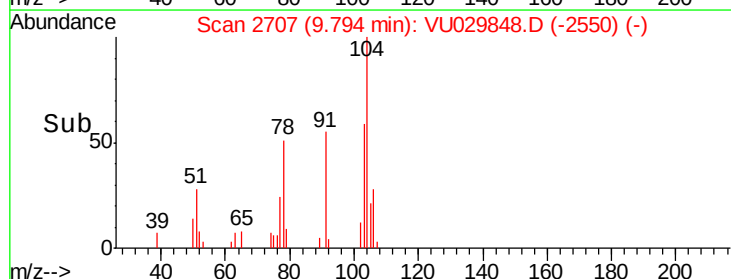
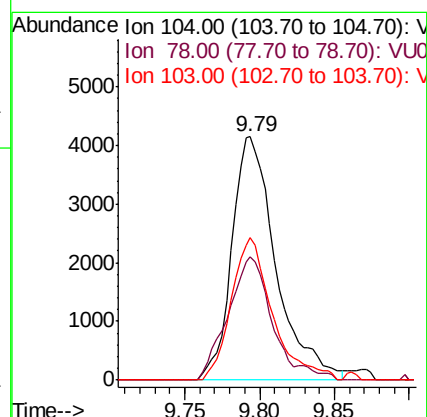
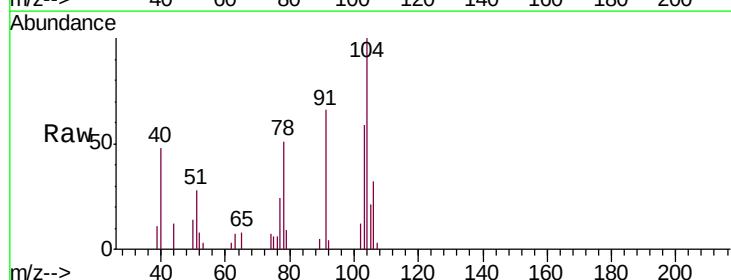
Instrument :
MSVOA_U
ClientSampleId :
MDL05

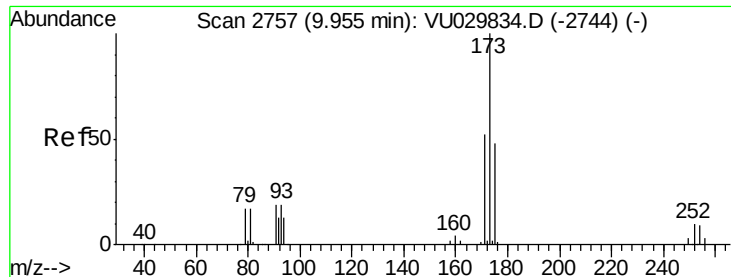
Tgt Ion:106 Resp: 5857
Ion Ratio Lower Upper
106 100
91 208.5 102.8 308.3



#66
Styrene
Concen: 0.182 ug/l
RT: 9.79 min Scan# 2707
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion:104 Resp: 8513
Ion Ratio Lower Upper
104 100
78 51.1 37.2 55.8
103 54.5 44.7 67.1





#67

Bromoform

Concen: 0.202 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

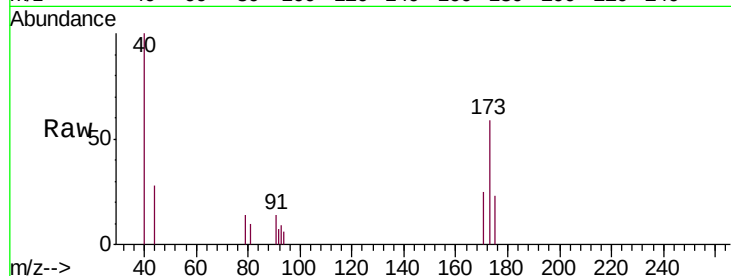
Tgt Ion:173 Resp: 1752

Ion Ratio Lower Upper

173 100

175 41.0 38.6 57.8

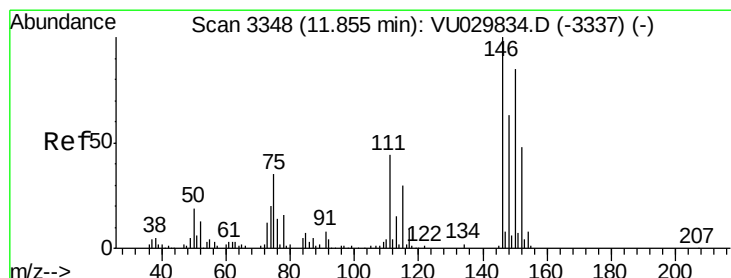
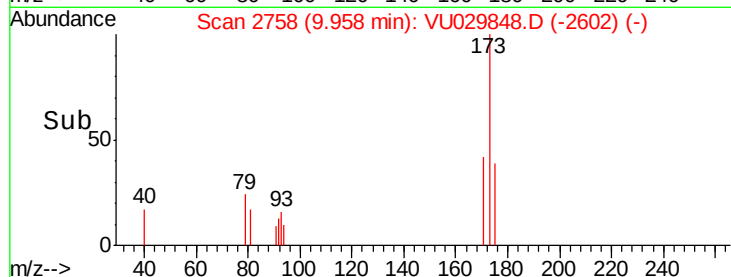
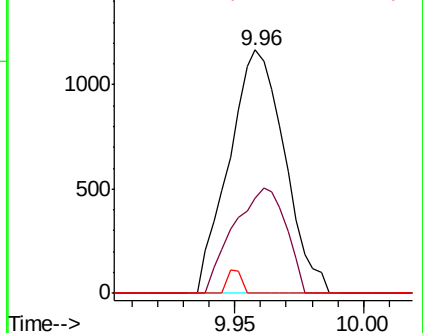
254 2.4 7.4 11.2#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.202 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

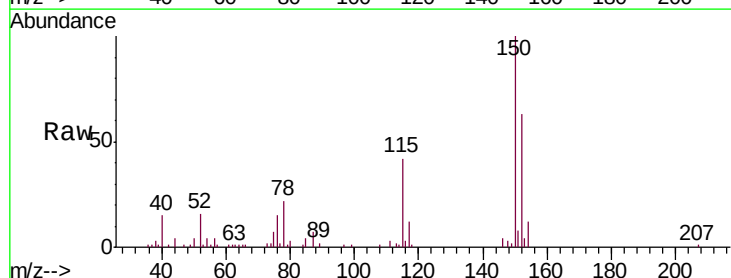
Tgt Ion:152 Resp: 20546

Ion Ratio Lower Upper

152 100

115 64.2 0.0 124.0

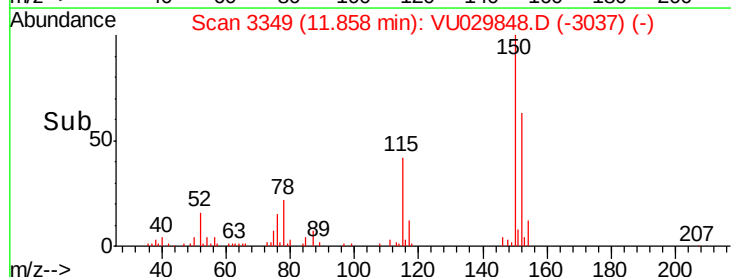
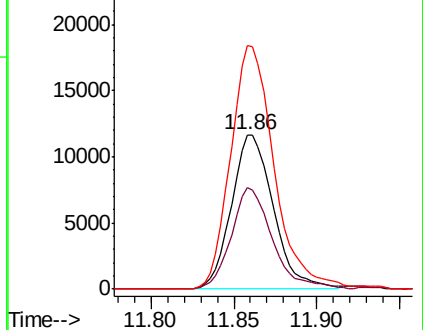
150 163.9 0.0 631.2

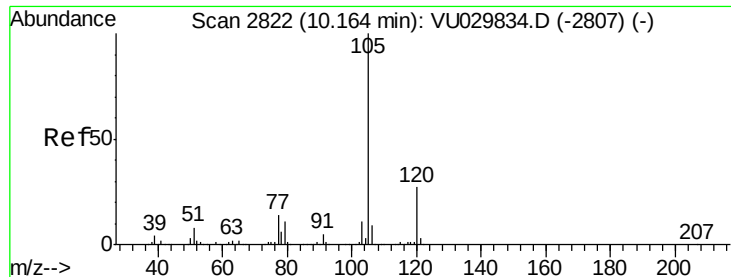


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.206 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

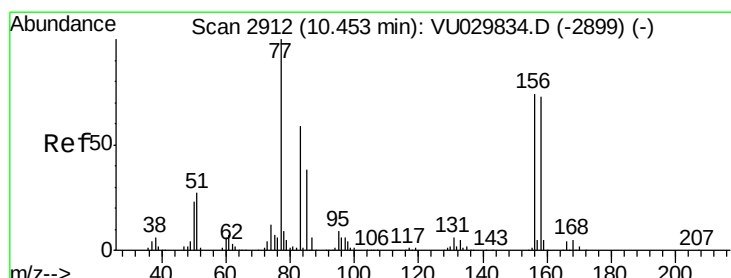
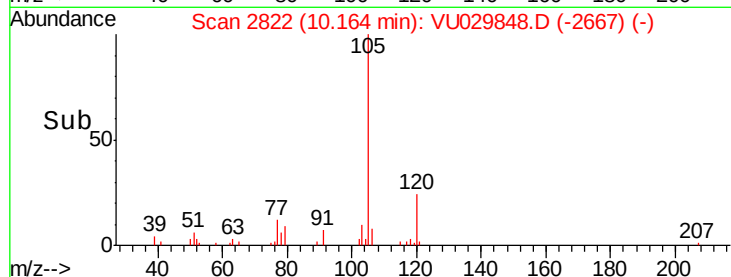
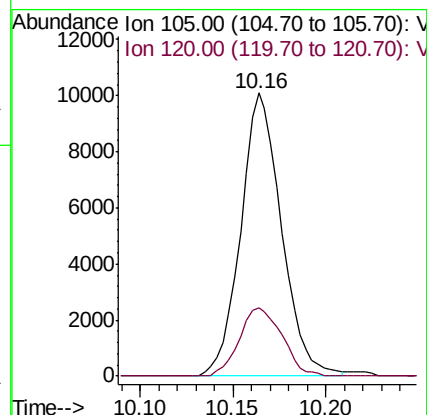
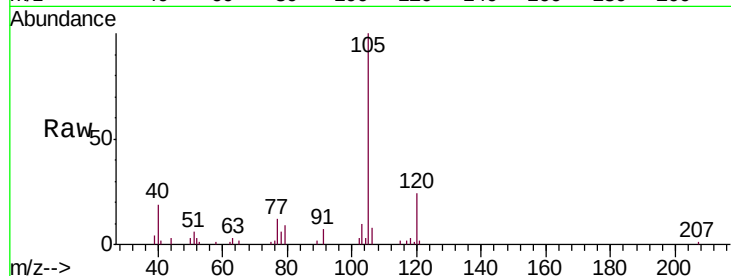
MDL05

Tgt Ion:105 Resp: 15367

Ion Ratio Lower Upper

105 100

120 25.3 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

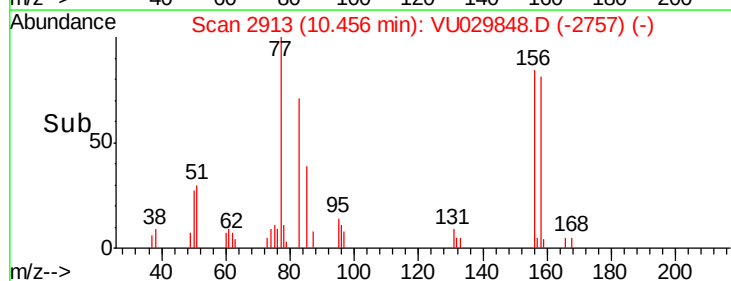
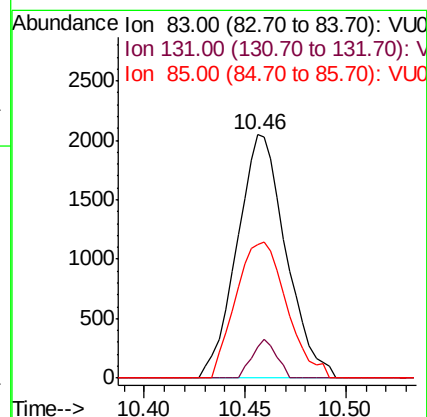
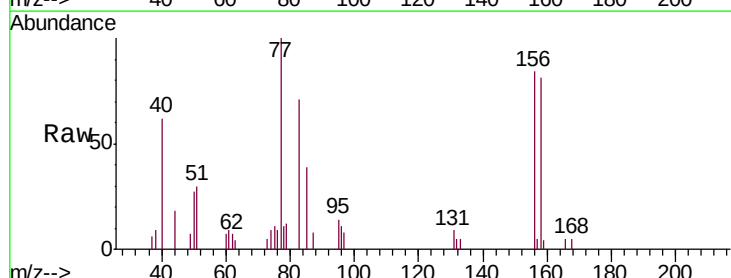
Tgt Ion: 83 Resp: 3469

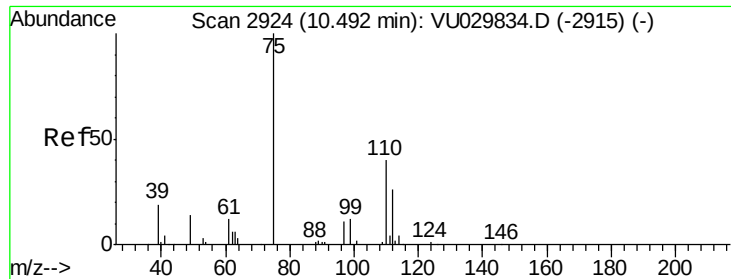
Ion Ratio Lower Upper

83 100

131 7.9 8.3 12.5#

85 58.2 52.5 78.7

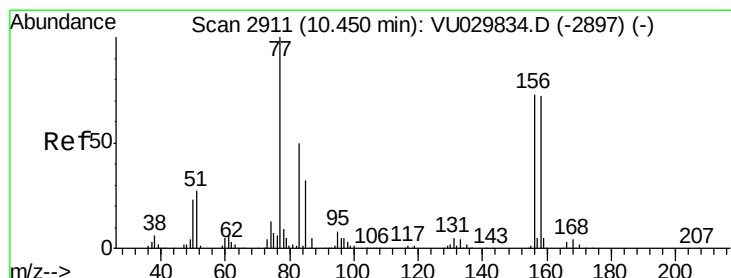
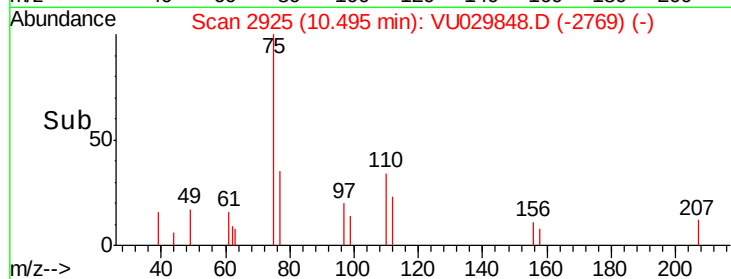
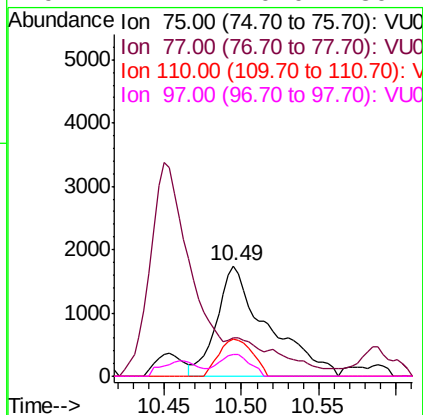
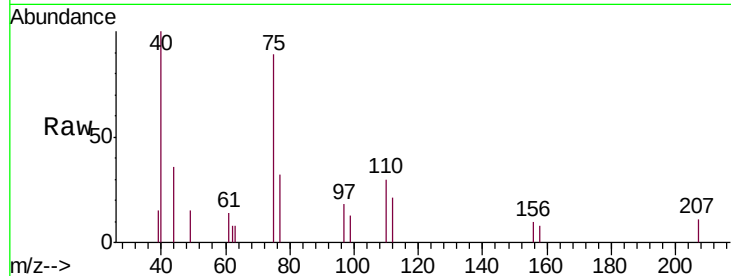




#71
 1,2,3-Trichloropropane
 Concen: 0.353 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

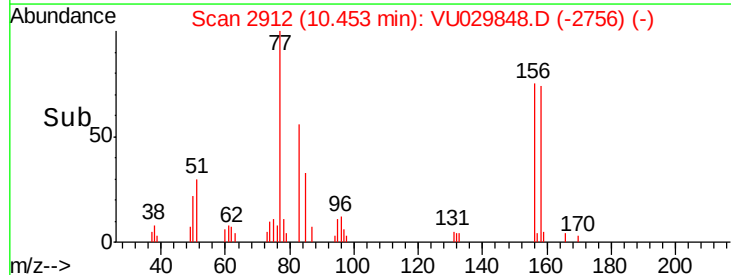
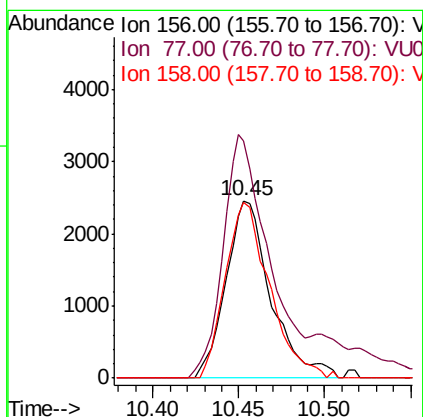
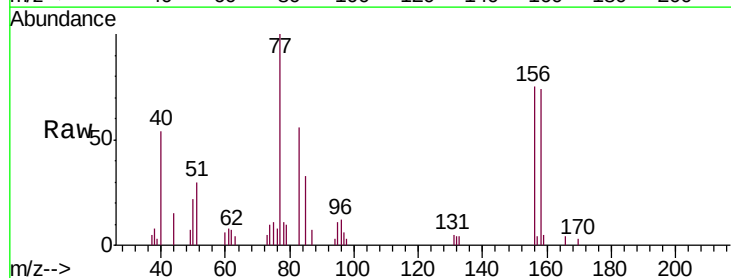
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

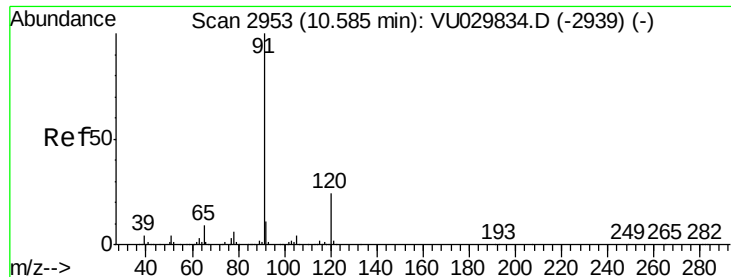
Tgt Ion:	75	Resp:	3982
Ion	Ratio	Lower	Upper
75	100		
77	17.3	0.0	16.4#
110	22.1	0.0	74.8
97	12.4	0.0	39.4



#72
 Bromobenzene
 Concen: 0.226 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion:	156	Resp:	4463
Ion	Ratio	Lower	Upper
156	100		
77	137.9	0.0	282.2
158	98.0	0.0	196.2

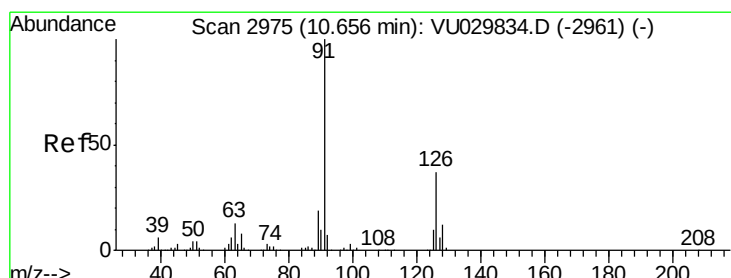
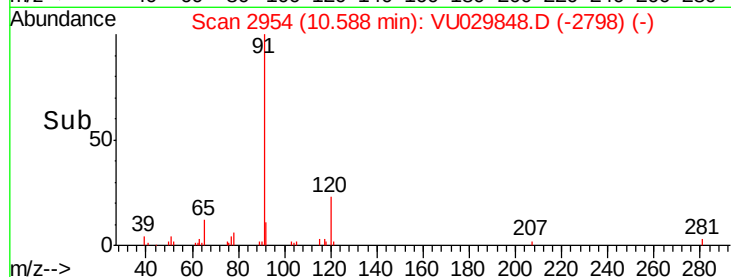
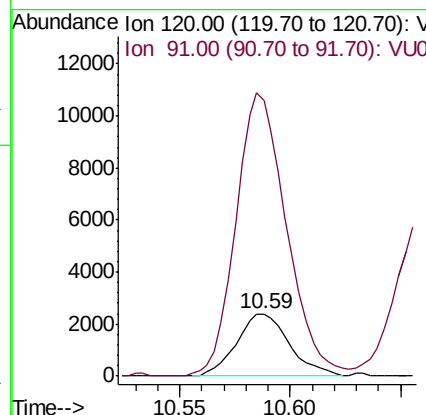
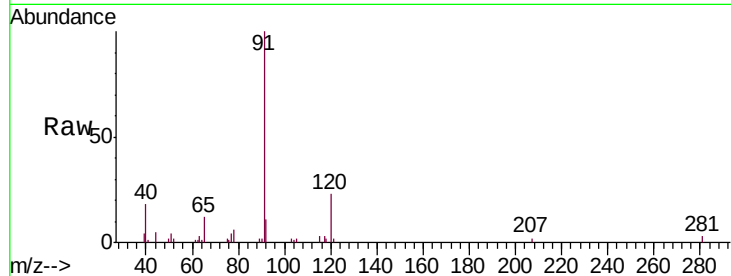




#73
n-propylbenzene
Concen: 0.190 ug/l
RT: 10.59 min Scan# 2954
Delta R.T. 0.00 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

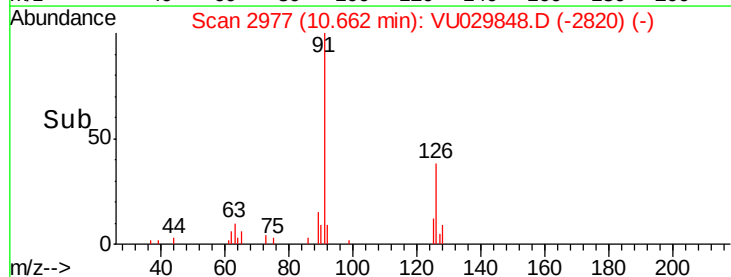
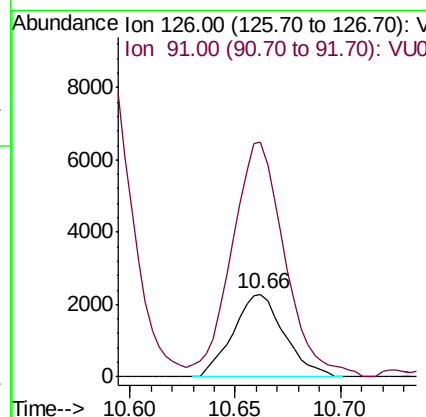
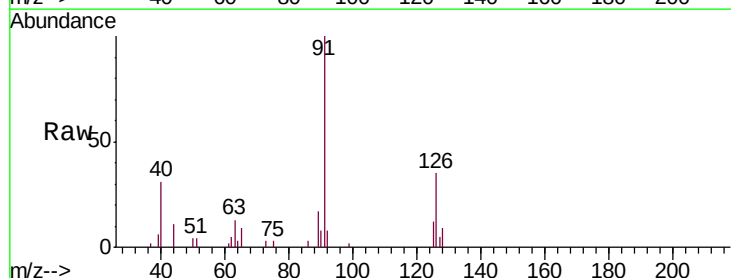
Instrument :
MSVOA_U
ClientSampleId :
MDL05

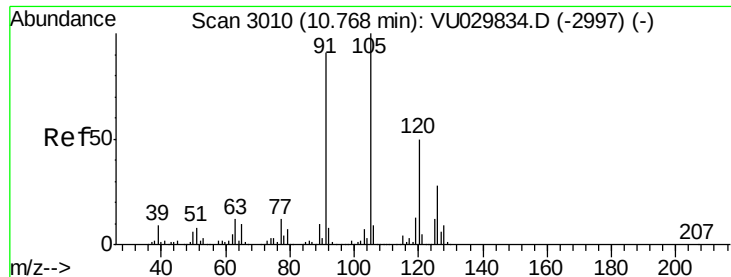
Tgt Ion:120 Resp: 3988
Ion Ratio Lower Upper
120 100
91 436.0 333.4 500.2



#74
2-Chlorotoluene
Concen: 0.207 ug/l
RT: 10.66 min Scan# 2977
Delta R.T. 0.01 min
Lab File: VU029848.D
Acq: 07 Mar 2019 11:43

Tgt Ion:126 Resp: 3844
Ion Ratio Lower Upper
126 100
91 294.4 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 0.185 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

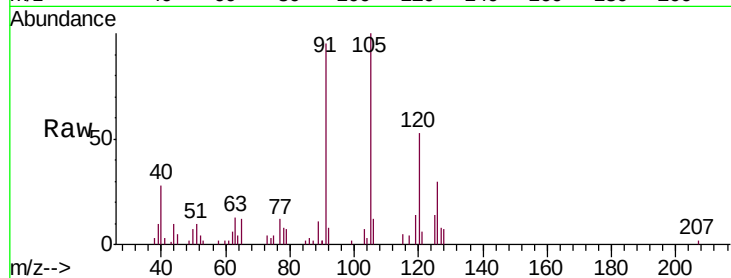
MDL05

Tgt Ion:105 Resp: 11633

Ion Ratio Lower Upper

105 100

120 51.8 40.0 60.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

4000

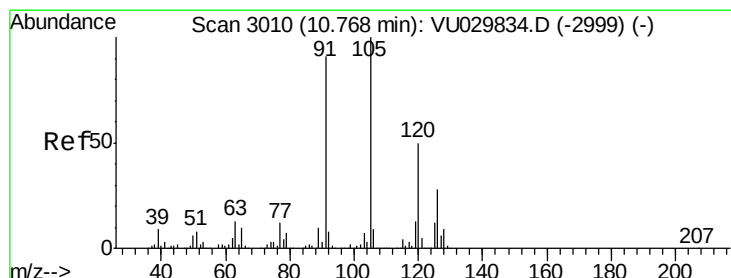
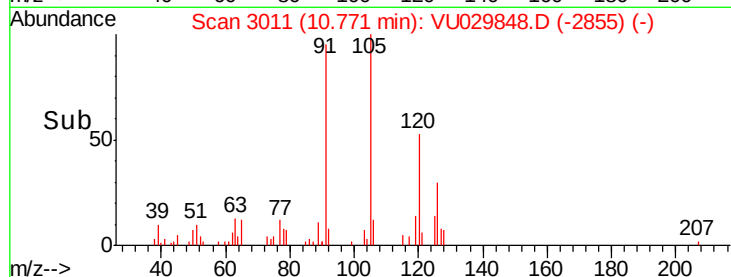
2000

0

10.77

10.75 10.77 10.80

Time-->



#76

4-Chlorotoluene

Concen: 0.198 ug/l

RT: 10.77 min Scan# 3012

Delta R.T. 0.01 min

Lab File: VU029848.D

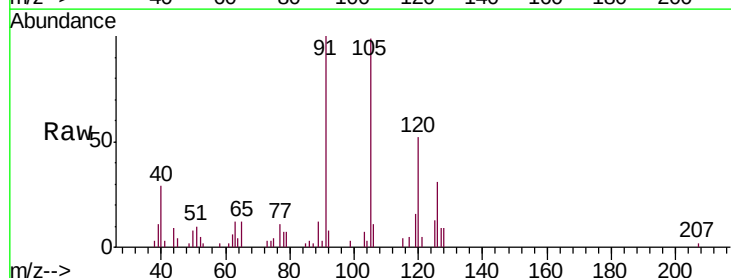
Acq: 07 Mar 2019 11:43

Tgt Ion:126 Resp: 3754

Ion Ratio Lower Upper

126 100

91 300.0 0.0 634.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

8000

6000

4000

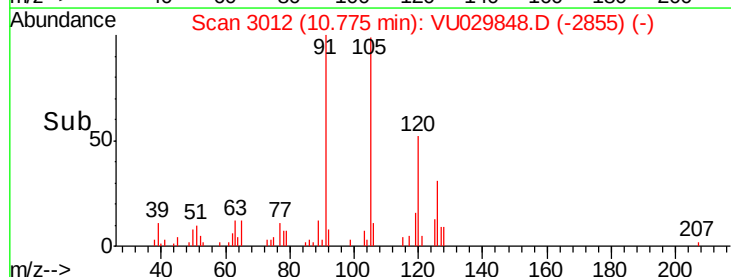
2000

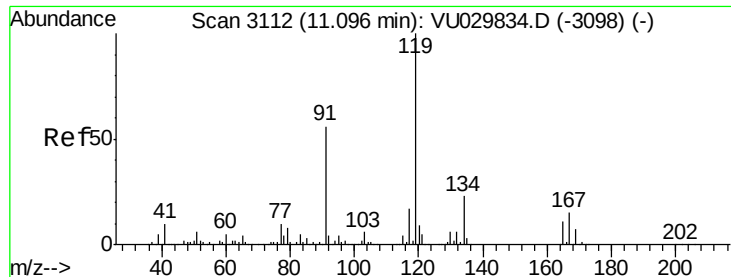
0

10.77

10.75 10.77 10.80

Time-->

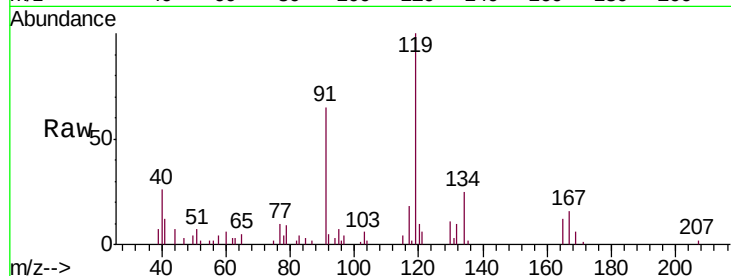




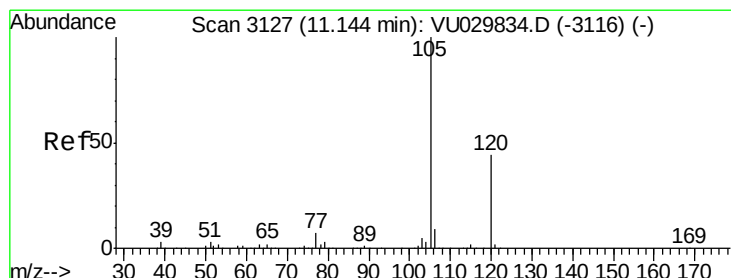
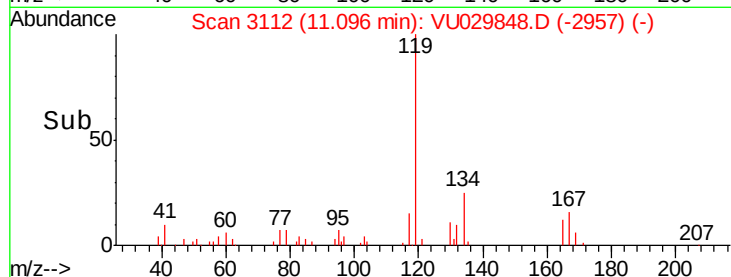
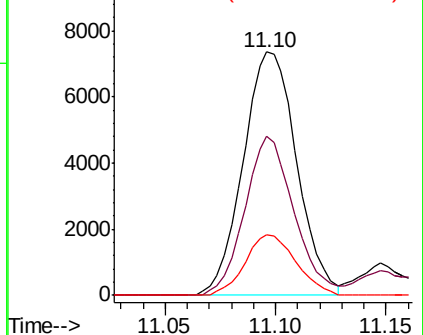
#77
 tert-Butylbenzene
 Concen: 0.200 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion:119 Resp: 12425
 Ion Ratio Lower Upper
 119 100
 91 59.9 27.7 83.1
 134 23.7 18.7 28.1

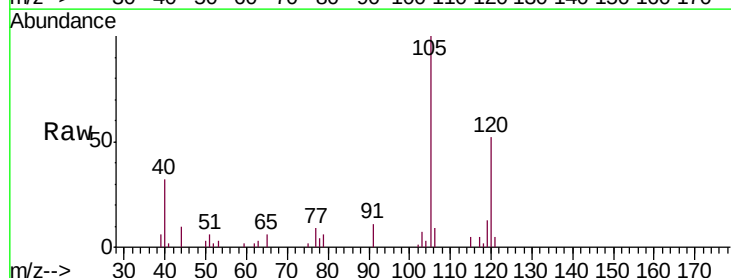


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

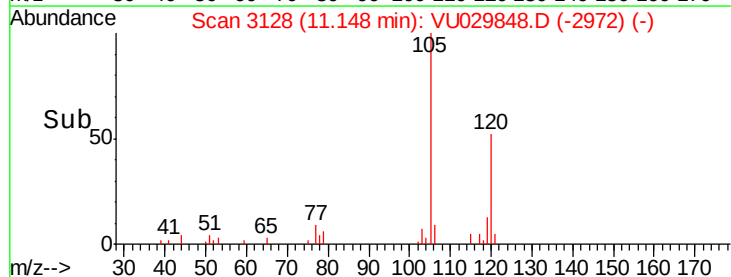
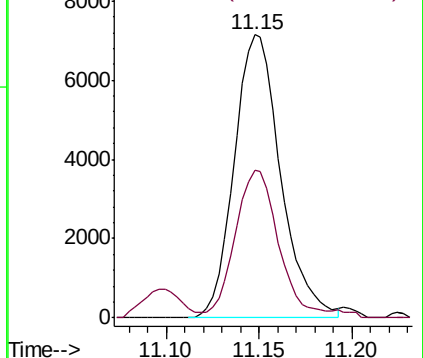


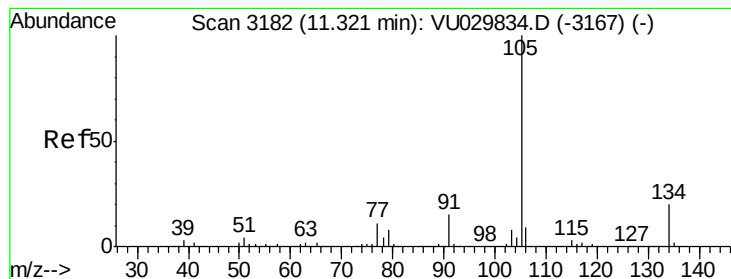
#78
 1,2,4-Trimethylbenzene
 Concen: 0.195 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion:105 Resp: 12410
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.204 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

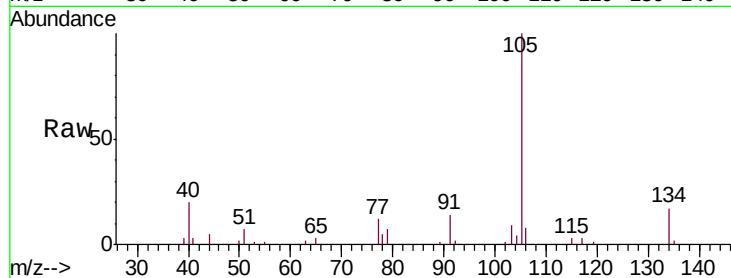
MDL05

Tgt Ion:105 Resp: 16780

Ion Ratio Lower Upper

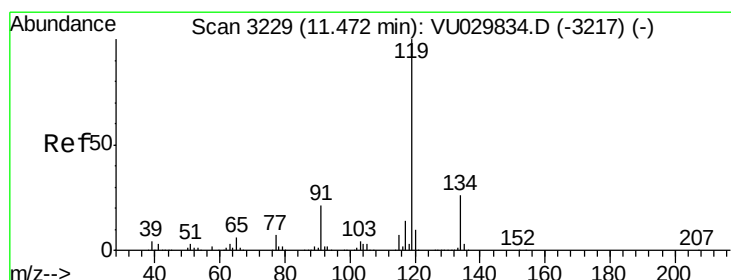
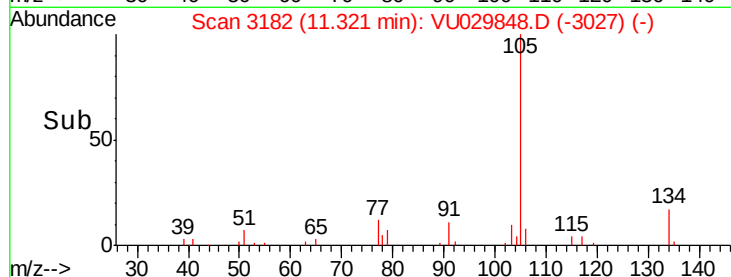
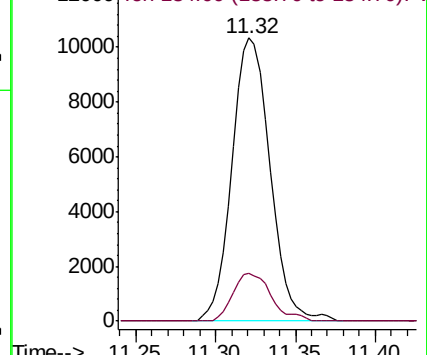
105 100

134 16.9 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#81

p-Isopropyltoluene

Concen: 0.187 ug/l

RT: 11.48 min Scan# 3230

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

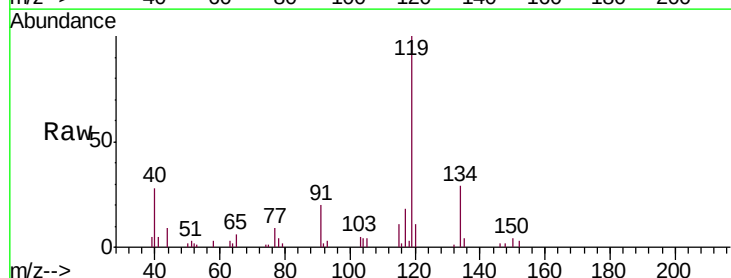
Tgt Ion:119 Resp: 12927

Ion Ratio Lower Upper

119 100

134 26.8 21.2 31.8

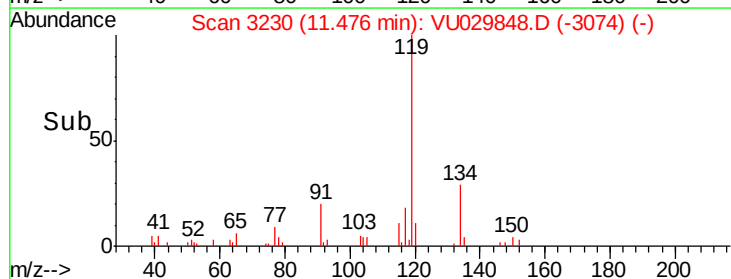
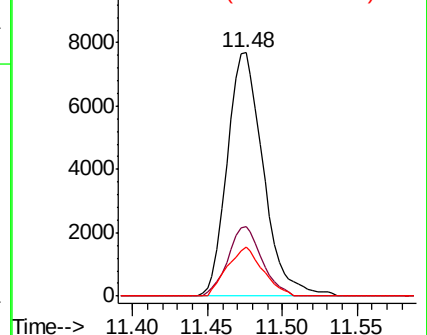
91 19.9 17.2 25.8

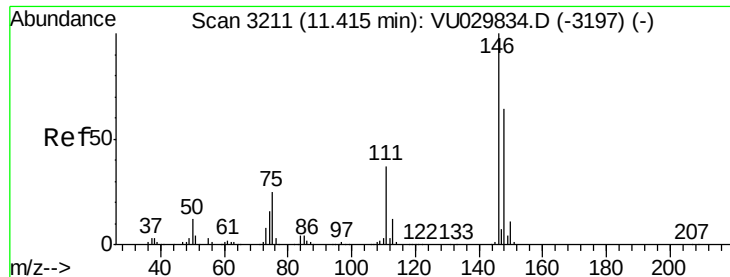


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

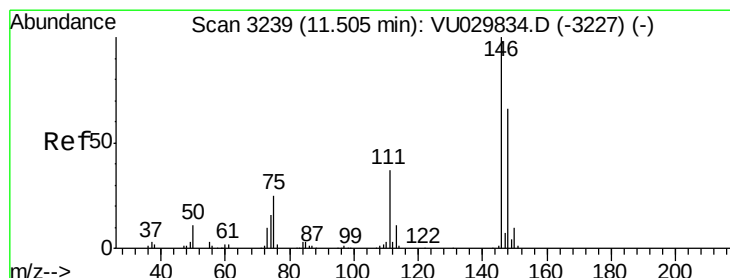
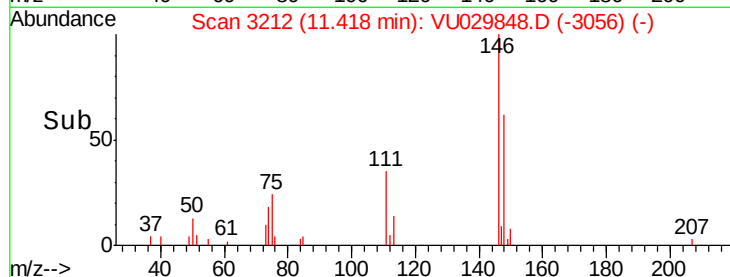
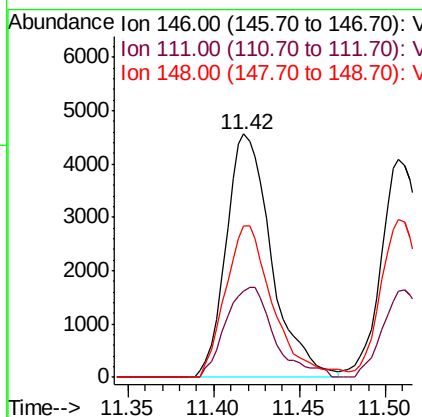
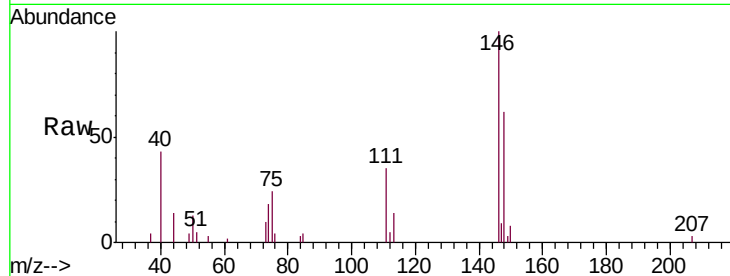




#82
 1,3-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

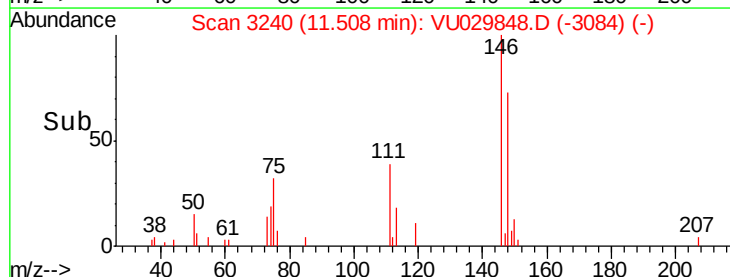
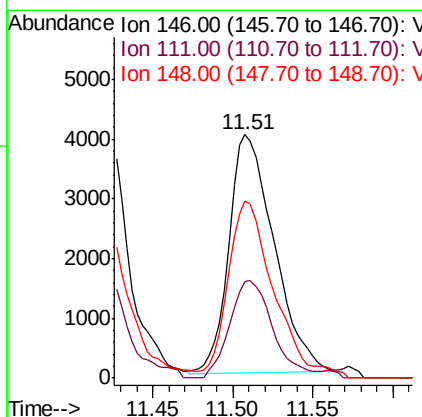
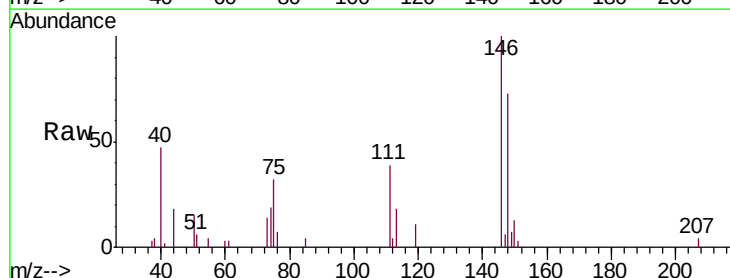
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

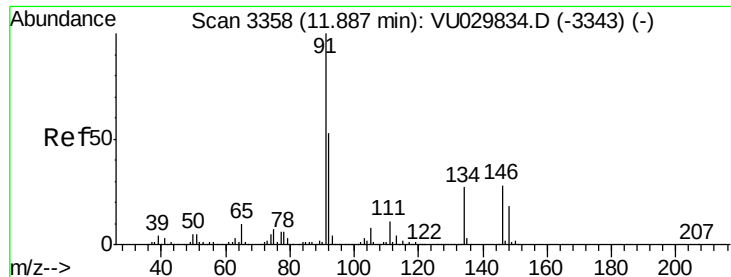
Tgt Ion:146 Resp: 8369
 Ion Ratio Lower Upper
 146 100
 111 39.7 30.2 45.4
 148 65.5 51.2 76.8



#83
 1,4-Dichlorobenzene
 Concen: 0.203 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion:146 Resp: 7750
 Ion Ratio Lower Upper
 146 100
 111 38.8 29.4 44.2
 148 74.9 51.7 77.5





#84

n-Butylbenzene

Concen: 0.173 ug/l

RT: 11.89 min Scan# 3359

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

MDL05

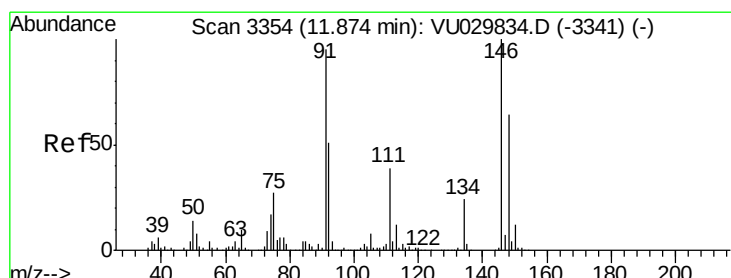
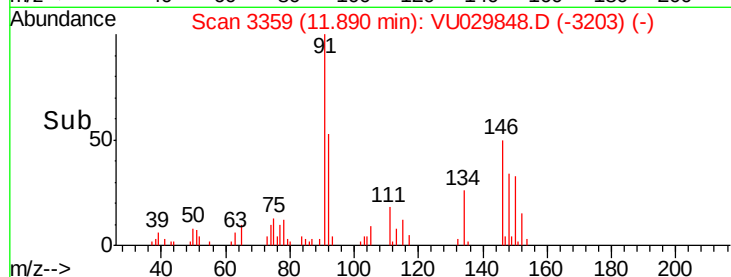
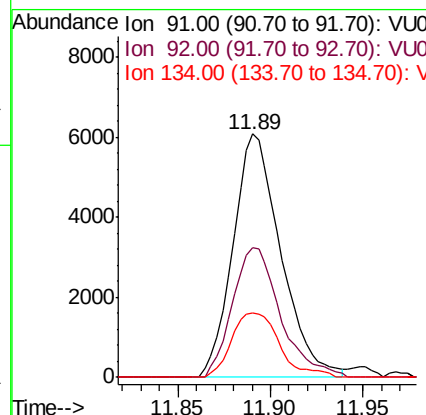
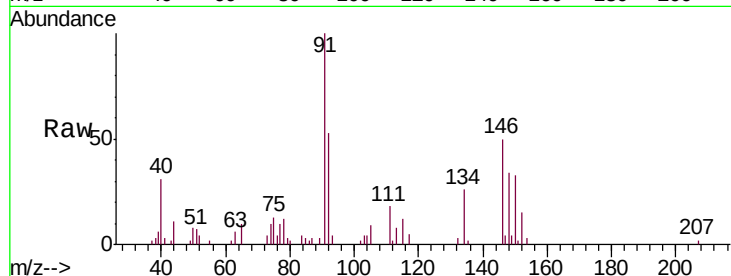
Tgt Ion: 91 Resp: 10853

Ion Ratio Lower Upper

91 100

92 53.5 42.6 63.8

134 26.6 21.7 32.5



#85

1,2-Dichlorobenzene

Concen: 0.227 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

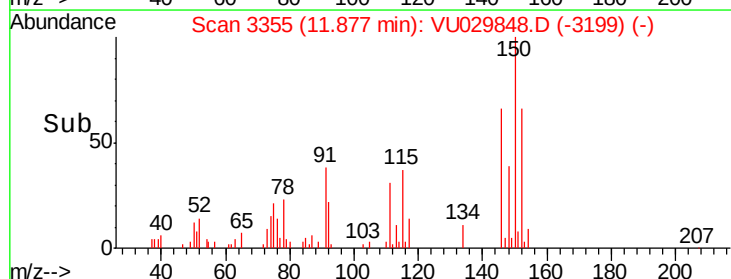
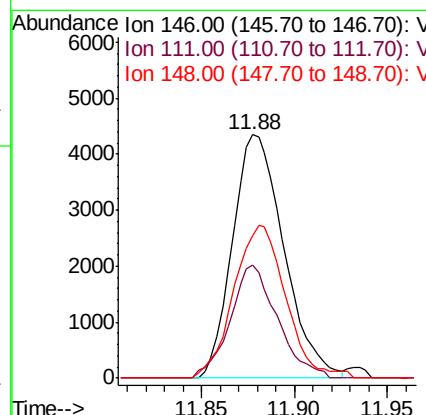
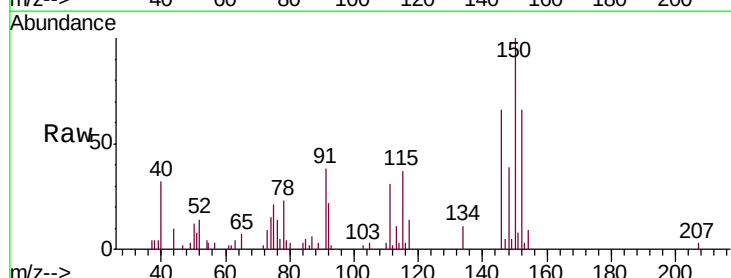
Tgt Ion: 146 Resp: 8359

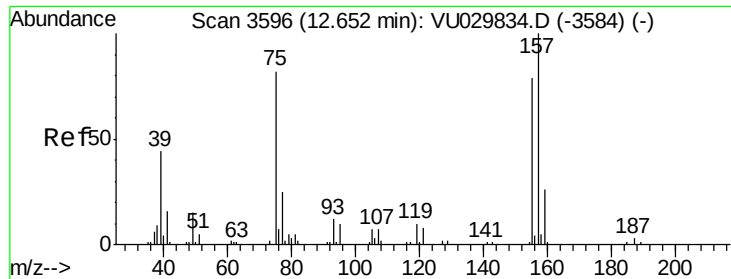
Ion Ratio Lower Upper

146 100

111 42.6 19.9 59.6

148 63.5 32.1 96.3

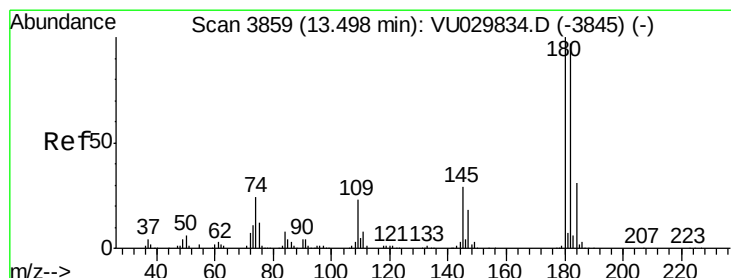
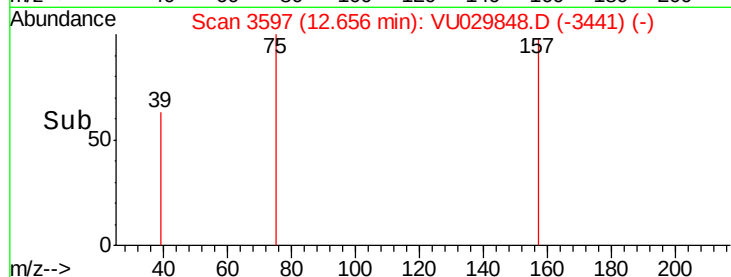
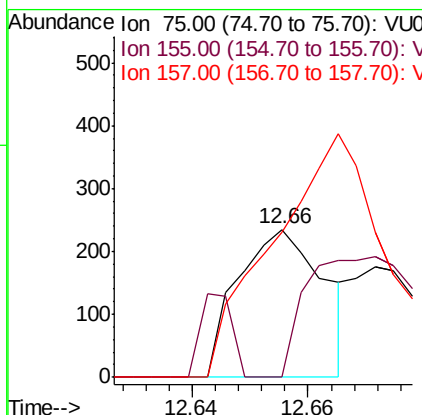
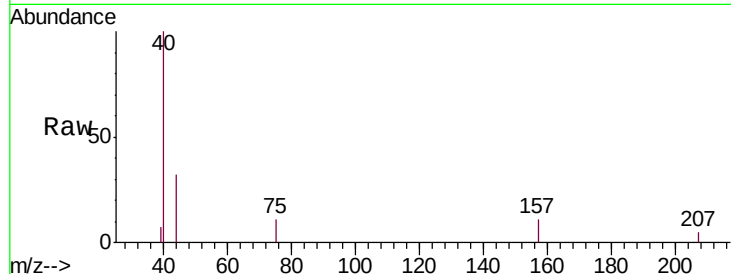




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.112 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

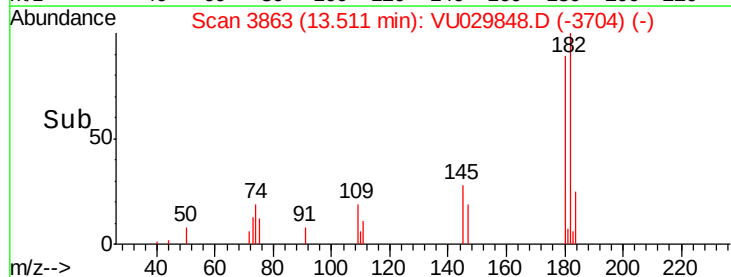
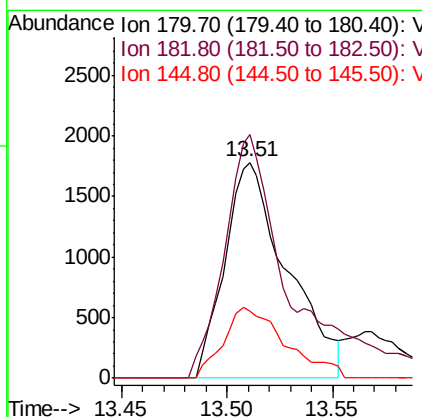
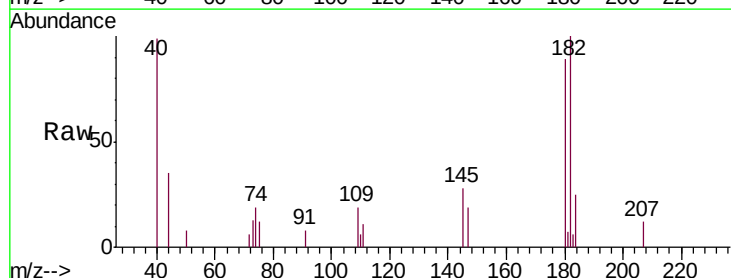
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

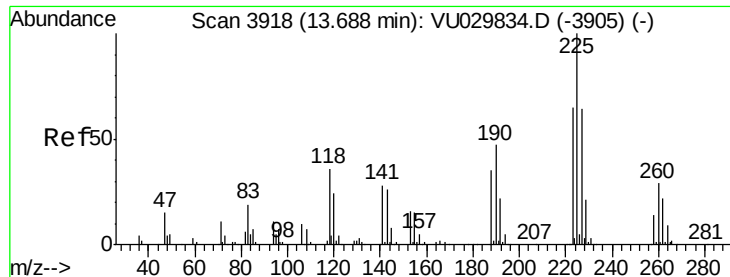
Tgt Ion: 75 Resp: 242
 Ion Ratio Lower Upper
 75 100
 155 95.0 76.6 114.8
 157 204.1 96.2 144.2#



#87
 1,2,4-Trichlorobenzene
 Concen: 0.155 ug/l
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Tgt Ion: 180 Resp: 3650
 Ion Ratio Lower Upper
 180 100
 182 119.5 77.5 116.3#
 145 32.9 23.6 35.4





#88

Hexachlorobutadiene

Concen: 0.212 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

MDL05

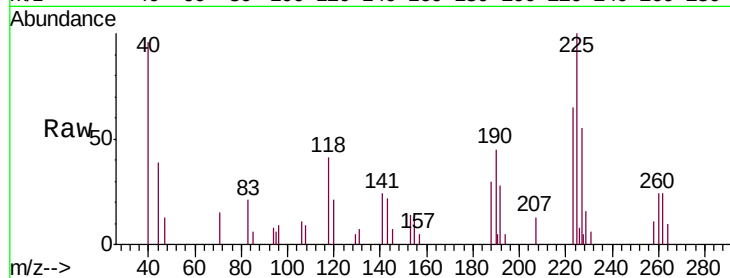
Tgt Ion:225 Resp: 3159

Ion Ratio Lower Upper

225 100

223 67.9 51.2 76.8

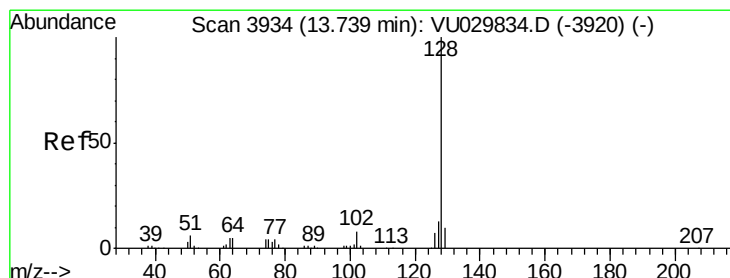
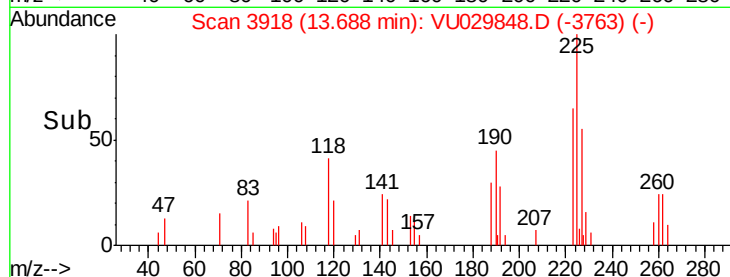
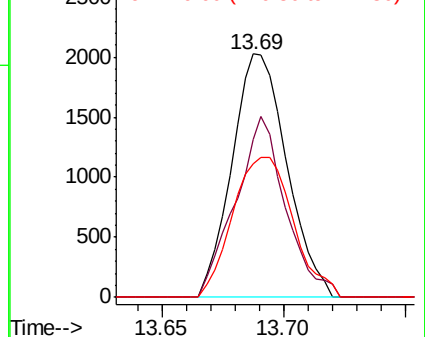
227 63.5 50.9 76.3



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 0.532 ug/l

RT: 13.76 min Scan# 3939

Delta R.T. 0.02 min

Lab File: VU029848.D

Acq: 07 Mar 2019 11:43

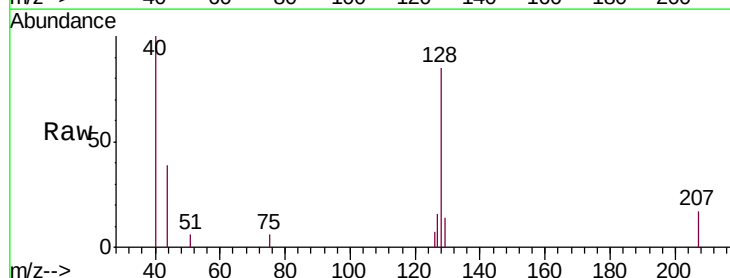
Tgt Ion:128 Resp: 3519

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

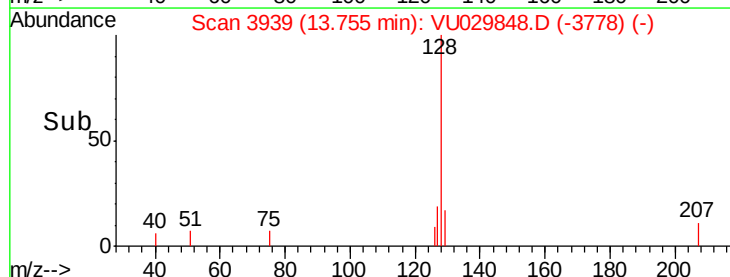
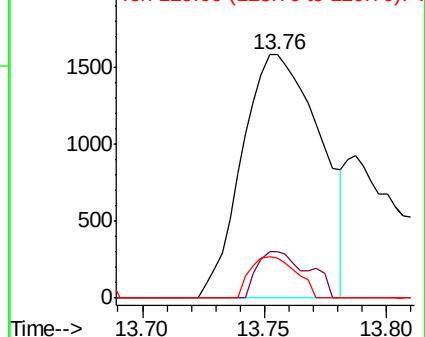
129 9.9 8.2 12.4

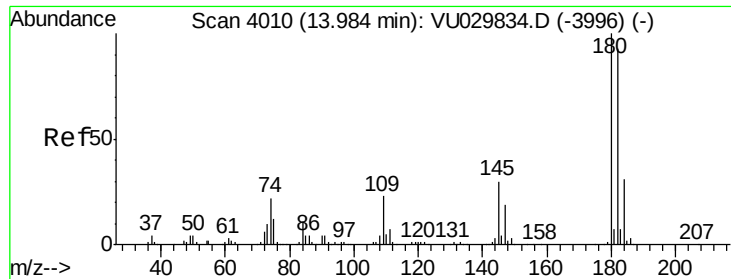


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#90
 1,2,3-Trichlorobenzene
 Concen: 0.164 ug/l
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: VU029848.D
 Acq: 07 Mar 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion	Resp	Lower	Upper
180	100		
182	120.4	74.8	112.2#
145	29.5	24.6	36.8

