

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029373.D
 Acq On : 08 Feb 2019 11:09
 Operator : JC/SP
 Sample : VU0208WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 09 03:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	54906	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	20590	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21057	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	42	0.002	ug/l # 43
3) Chloromethane	1.32	50	690	0.037	ug/l 97
4) Vinyl Chloride	1.53	62	40	0.002	ug/l 97
5) Bromomethane	1.75	94	29	0.002	ug/l 91
6) Chloroethane	1.75	64	159	0.012	ug/l # 42
7) Trichlorofluoromethane	1.89	101	159	0.005	ug/l # 19
9) 1,1-Dichloroethene	2.28	96	151	0.010	ug/l 30
10) Iodomethane	2.41	142	1085	0.344	ug/l # 67
11) Allyl Chloride	2.54	41	308	0.012	ug/l 84
12) Acrylonitrile	2.94	53	626	0.176	ug/l # 67
13) Acetone	2.37	43	217	0.063	ug/l 100
14) Carbon Disulfide	2.48	76	2429	0.043	ug/l # 93
15) Methylene Chloride	2.70	84	7160	0.373	ug/l 82
16) trans-1,2-Dichloroethene	2.98	96	571	0.032	ug/l # 39
17) 1,1-Dichloroethane	3.43	63	122	0.004	ug/l # 85
18) 2-Butanone	4.23	43	219	0.057	ug/l 78
19) Cyclohexane	4.98	56	129	0.005	ug/l # 32
20) Methylcyclohexane	6.41	83	41	0.001	ug/l # 1
21) 2,2-Dichloropropane	4.21	77	396	0.015	ug/l # 74
22) cis-1,2-Dichloroethene	4.22	96	190	0.011	ug/l # 81
23) Diethyl Ether	2.10	59	1622	0.128	ug/l 87
24) tert-Butyl Alcohol	2.84	59	1316	0.996	ug/l # 58
25) Methyl tert-Butyl Ether	3.00	73	82	0.002	ug/l # 1
26) Bromochloromethane	4.54	128	43	0.006	ug/l # 1
27) Chloroform	4.68	83	115	0.004	ug/l 19
28) 1,1,1-Trichloroethane	4.91	97	106	0.004	ug/l # 22
29) 1,1-Dichloropropene	4.98	75	20	0.001	ug/l # 1
31) Isopropyl Ether	3.62	45	246	0.006	ug/l 98
32) Ethyl-t-butyl ether	4.22	59	133	0.003	ug/l # 36
33) Tert-Amyl methyl ether	5.51	73	83	0.002	ug/l # 35
34) Propionitrile	4.35	54	154	0.153	ug/l # 1
35) Benzene	5.41	78	360	0.006	ug/l # 50
38) 1,2-Dichloropropane	6.44	63	40	0.003	ug/l # 43
39) Methacrylonitrile	4.52	41	23	0.004	ug/l # 1
40) Methyl acrylate	4.43	55	65	0.008	ug/l # 1
41) Tetrahydrofuran	4.67	42	685	0.264	ug/l # 53
42) 1-Chlorobutane	5.06	56	469	0.016	ug/l 75
44) Bromodichloromethane	6.77	83	283	0.013	ug/l # 86
45) 4-Methyl-2-Pentanone	7.48	43	2112	0.214	ug/l # 69
47) Methyl methacrylate	6.61	69	269	0.036	ug/l # 1
48) Ethyl methacrylate	8.02	69	74	0.005	ug/l 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029373.D
 Acq On : 08 Feb 2019 11:09
 Operator : JC/SP
 Sample : VU0208WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 09 03:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

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

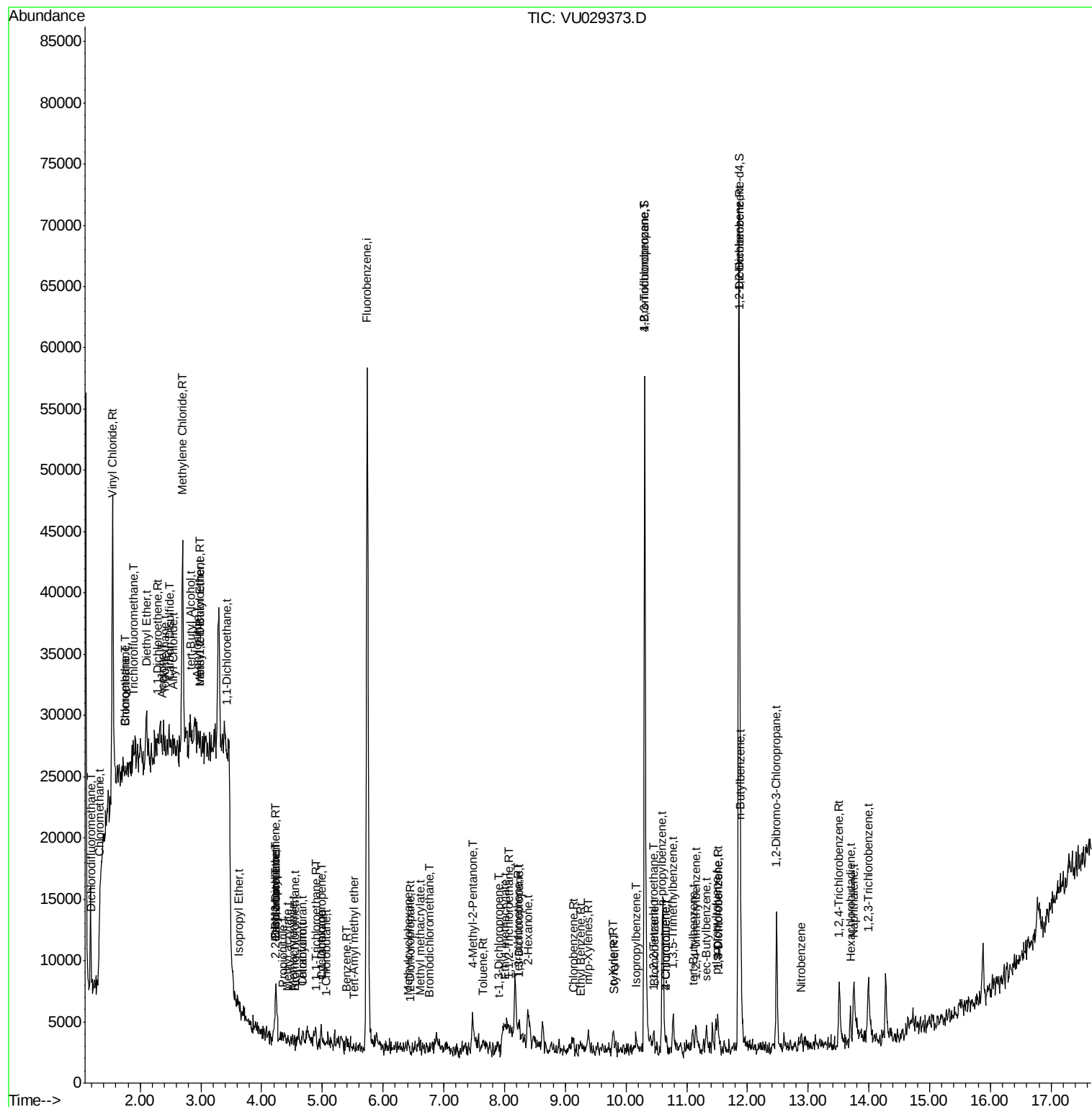
49) Toluene	7.64	92	228	0.006	ug/l #	1
50) t-1,3-Dichloropropene	7.90	75	123	0.006	ug/l #	56
52) 1,1,2-Trichloroethane	8.08	97	81	0.007	ug/l #	14
53) 1,3-Dichloropropane	8.23	76	44	0.002	ug/l #	1
54) 2-Hexanone	8.39	43	2674	0.386	ug/l	70
58) Tetrachloroethene	8.22	164	123	0.008	ug/l #	61
59) Chlorobenzene	9.13	112	544	0.012	ug/l #	71
63) Ethyl Benzene	9.25	91	1022	0.013	ug/l	90
64) m/p-Xylenes	9.38	106	410	0.014	ug/l #	14
65) o-Xylene	9.78	106	263	0.009	ug/l	44
66) Styrene	9.81	104	681	0.014	ug/l #	51
69) Isopropylbenzene	10.16	105	839	0.011	ug/l	92
70) 1,1,2,2-Tetrachloroethane	10.45	83	208	0.015	ug/l #	62
71) 1,2,3-Trichloropropane	10.31	75	9639	0.982	ug/l #	49
72) Bromobenzene	10.46	156	417	0.022	ug/l	10
73) n-propylbenzene	10.58	120	355	0.016	ug/l	91
74) 2-Chlorotoluene	10.66	126	184	0.010	ug/l	1
75) 1,3,5-Trimethylbenzene	10.78	105	1021	0.015	ug/l	93
76) 4-Chlorotoluene	10.66	126	184	0.010	ug/l	28
77) tert-Butylbenzene	11.10	119	912	0.014	ug/l	78
78) 1,2,4-Trimethylbenzene	11.15	105	1585	0.023	ug/l	90
79) sec-Butylbenzene	11.32	105	1601	0.019	ug/l	100
80) Nitrobenzene	12.88	77	174	0.273	ug/l #	43
81) p-Isopropyltoluene	11.48	119	1685	0.023	ug/l #	87
82) 1,3-Dichlorobenzene	11.52	146	1213	0.033	ug/l	98
83) 1,4-Dichlorobenzene	11.52	146	1213	0.033	ug/l	97
84) n-Butylbenzene	11.90	91	3187	0.047	ug/l	92
85) 1,2-Dichlorobenzene	11.88	146	1151	0.033	ug/l #	78
86) 1,2-Dibromo-3-Chloropropan	12.48	75	416	0.156	ug/l #	11
87) 1,2,4-Trichlorobenzene	13.51	180	2019	0.082	ug/l #	92
88) Hexachlorobutadiene	13.69	225	656	0.046	ug/l #	72
89) Naphthalene	13.76	128	4312	0.104	ug/l #	85
90) 1,2,3-Trichlorobenzene	13.99	180	2591	0.116	ug/l #	94

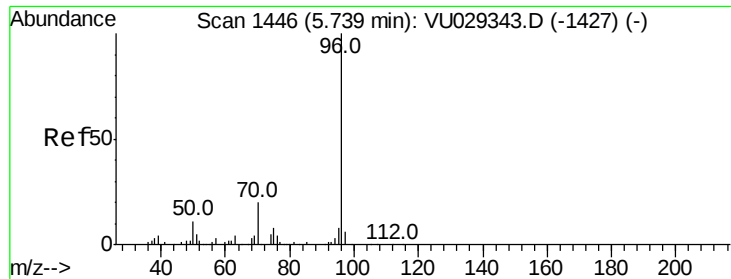
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU020819\
Data File : VU029373.D
Acq On : 08 Feb 2019 11:09
Operator : JC/SP
Sample : VU0208WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 09 03:17:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 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: VU029373.D

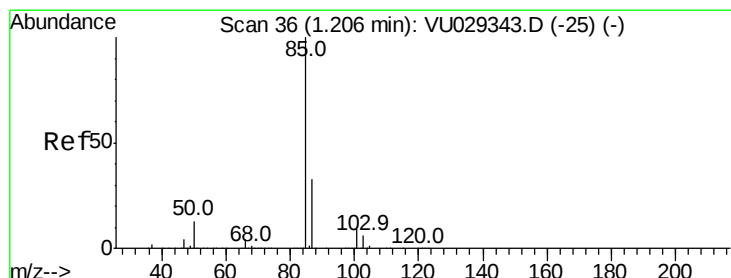
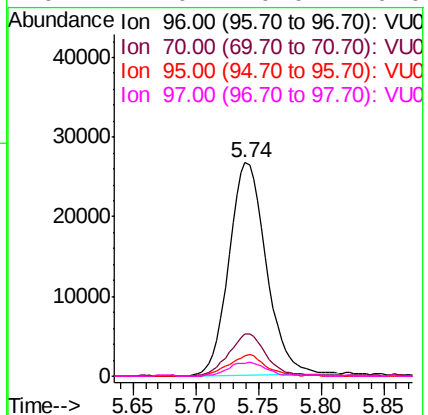
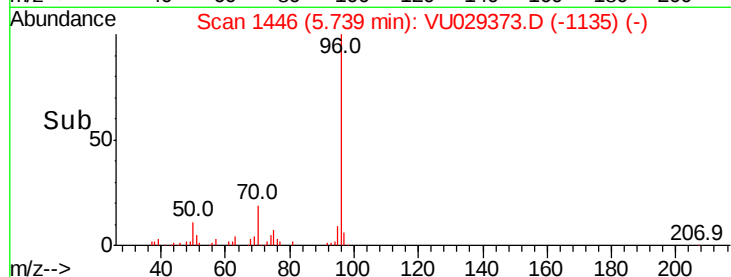
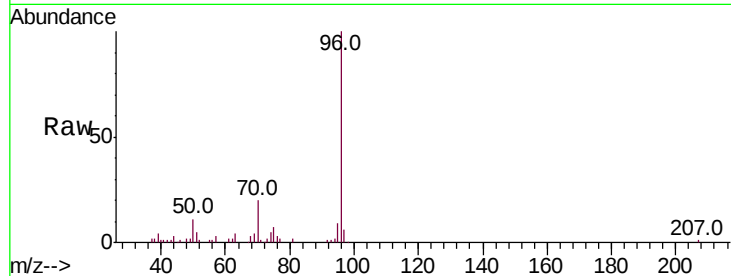
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 54906

Ion Ratio Lower Upper

96	100		
70	19.0	16.2	24.2
95	9.9	7.4	11.2
97	7.0	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 0.002 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

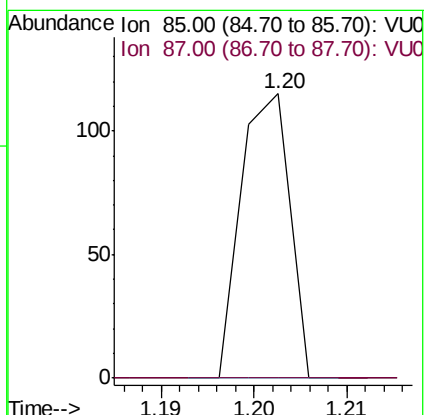
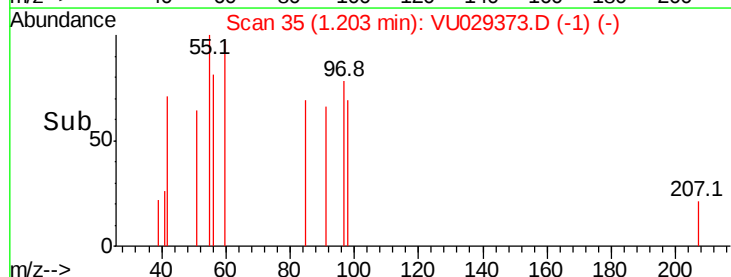
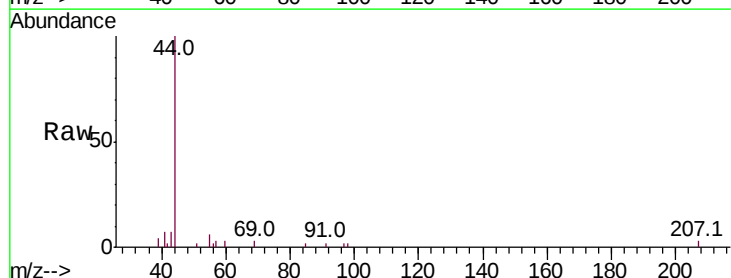
Lab File: VU029373.D

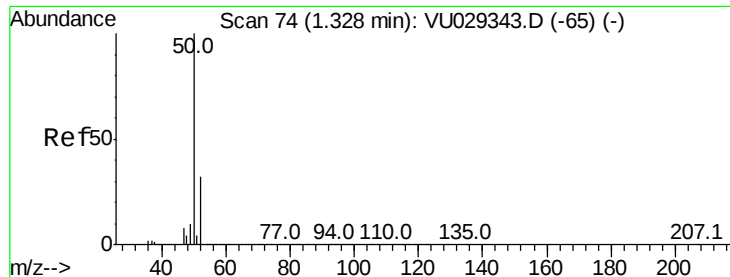
Acq: 08 Feb 2019 11:09

Tgt Ion: 85 Resp: 42

Ion Ratio Lower Upper

85	100		
87	0.0	15.9	47.6#





#3

Chloromethane

Concen: 0.037 ug/l

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

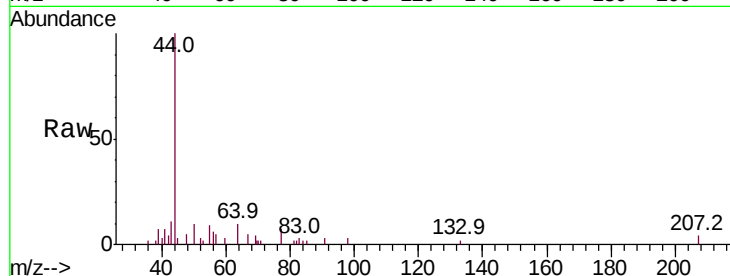
ClientSampleId :

Tot Ion: 50 Resp: 690

Ion Ratio Lower Upper

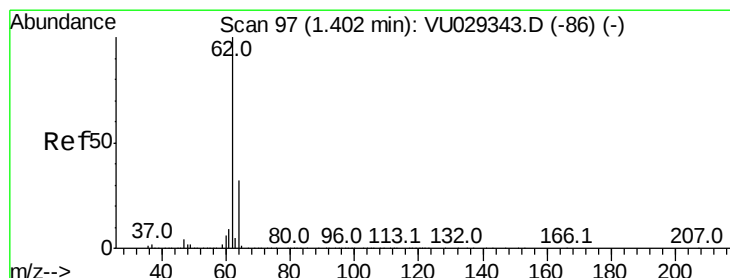
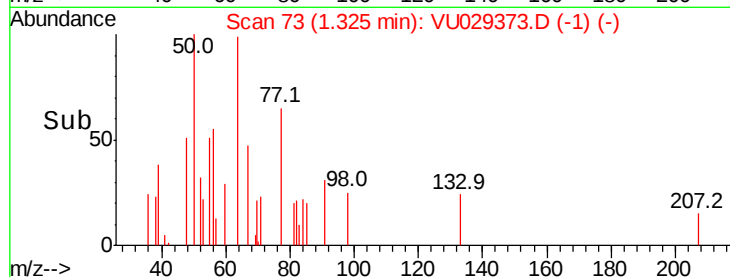
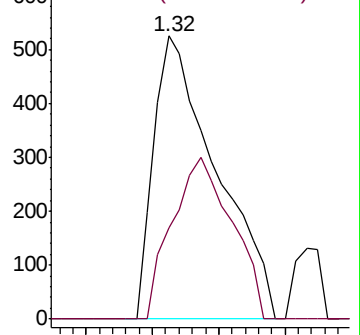
50 100

52 32.4 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 0.002 ug/l

RT: 1.53 min Scan# 137

Delta R.T. 0.13 min

Lab File: VU029373.D

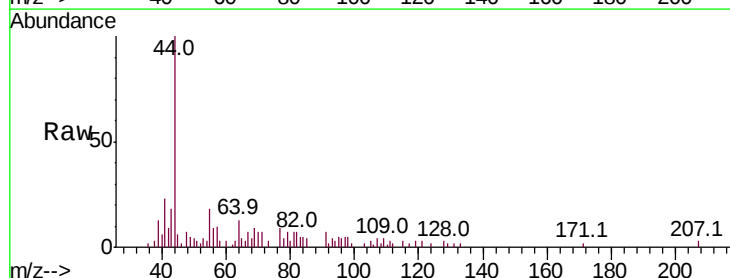
Acq: 08 Feb 2019 11:09

Tgt Ion: 62 Resp: 40

Ion Ratio Lower Upper

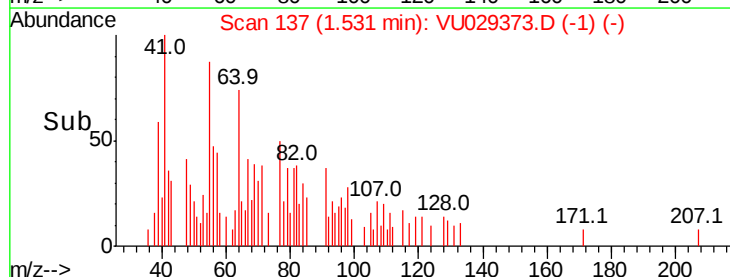
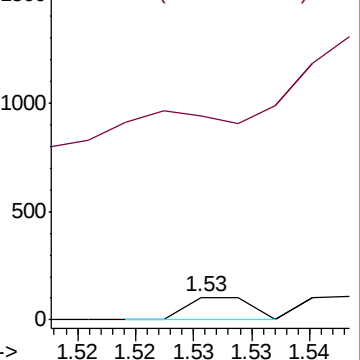
62 100

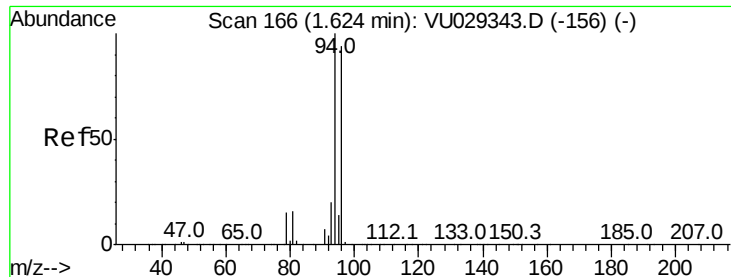
64 29.8 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 0.002 ug/l

RT: 1.75 min Scan# 206

Delta R.T. 0.13 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

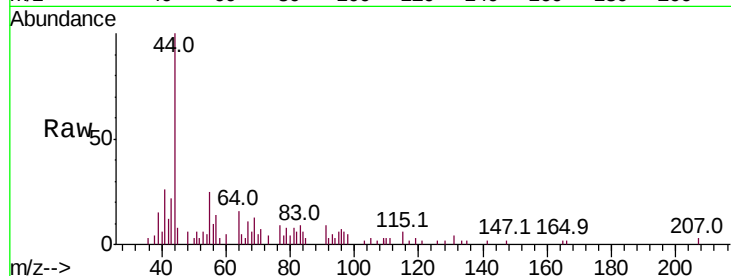
ClientSampleId :

Tot Ion: 94 Resp: 29

Ion Ratio Lower Upper

94 100

96 97.9 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

400

300

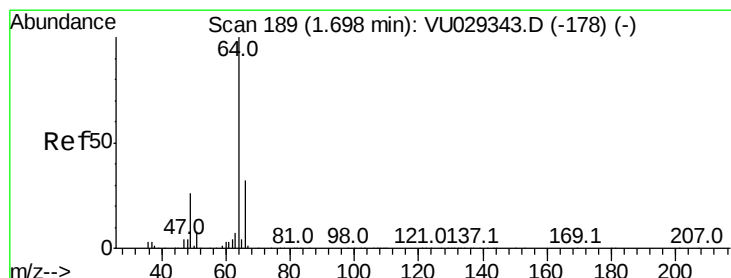
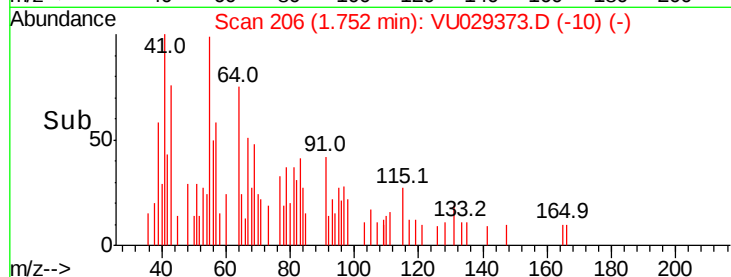
200

100

0

1.74 1.75 1.75 1.75 1.76

Time-->



#6

Chloroethane

Concen: 0.012 ug/l

RT: 1.75 min Scan# 206

Delta R.T. 0.05 min

Lab File: VU029373.D

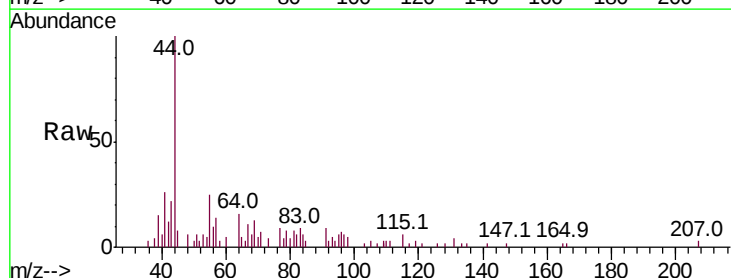
Acq: 08 Feb 2019 11:09

Tgt Ion: 64 Resp: 159

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

800

600

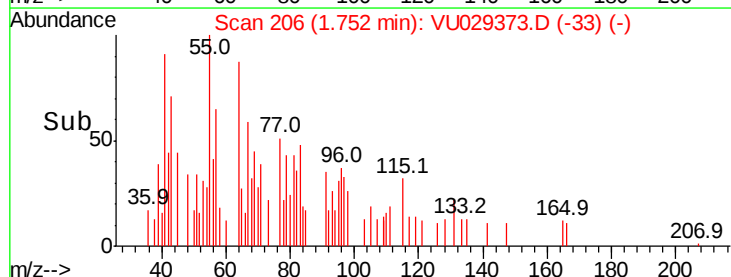
400

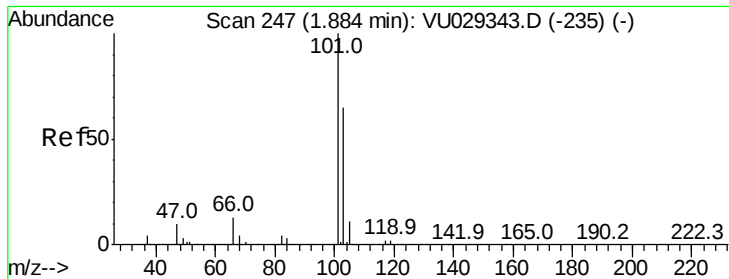
200

0

1.74 1.75 1.75 1.75 1.76

Time-->



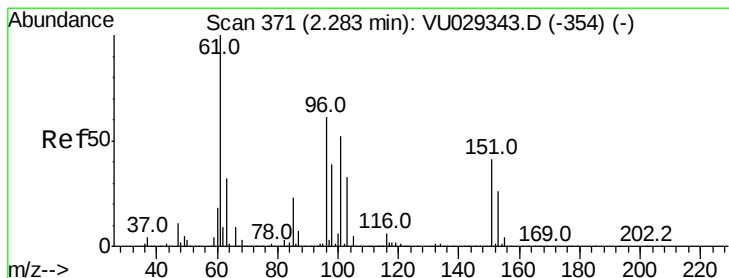
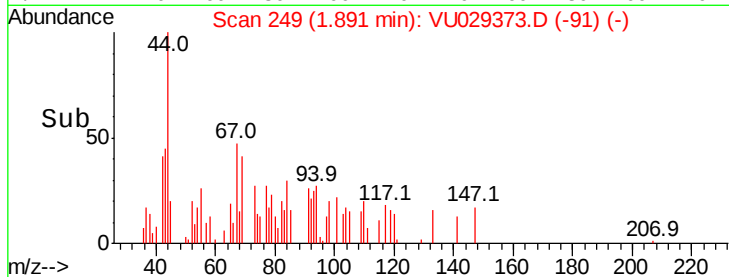
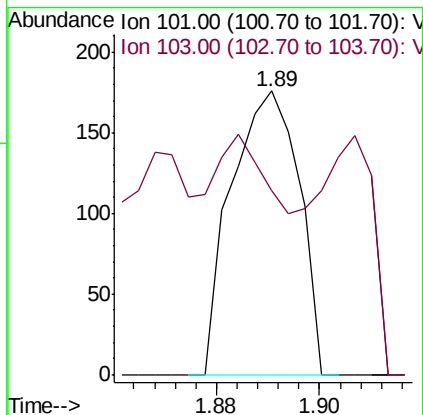
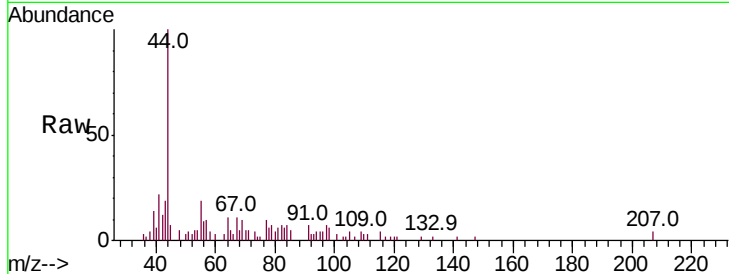


#7

Trichlorofluoromethane
Concen: 0.005 ug/l
RT: 1.89 min Scan# 249
Delta R.T. 0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

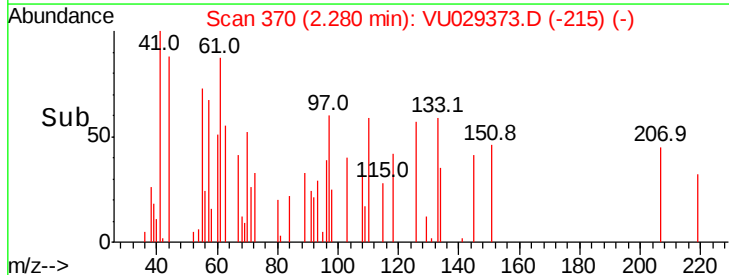
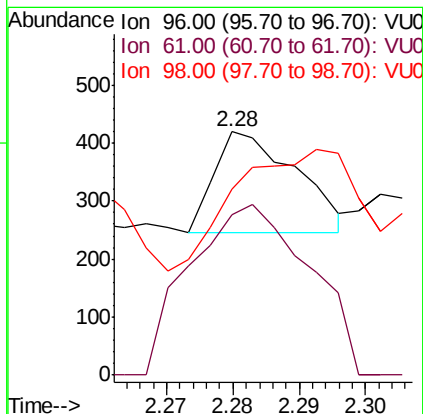
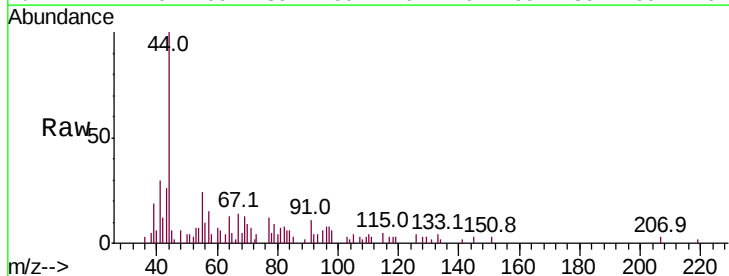
Tot Ion:101 Resp: 159
Ion Ratio Lower Upper
101 100
103 2.3 53.9 80.9#

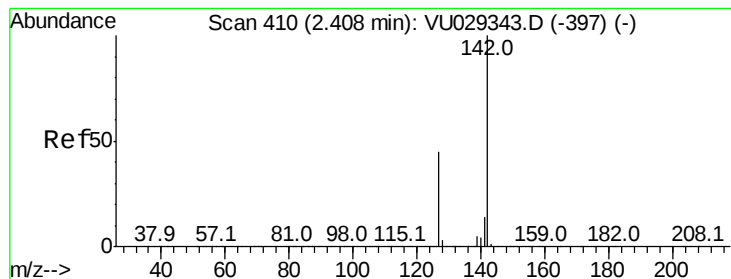


#9

1,1-Dichloroethene
Concen: 0.010 ug/l
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 96 Resp: 151
Ion Ratio Lower Upper
96 100
61 77.1 0.0 641.4
98 69.7 0.0 122.6





#10

Iodomethane

Concen: 0.344 ug/l

RT: 2.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

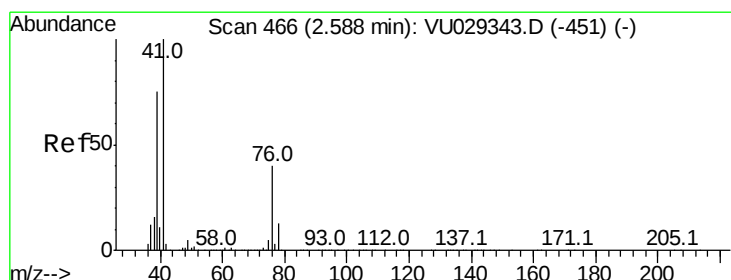
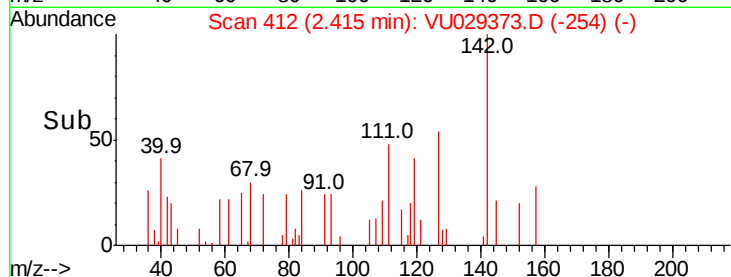
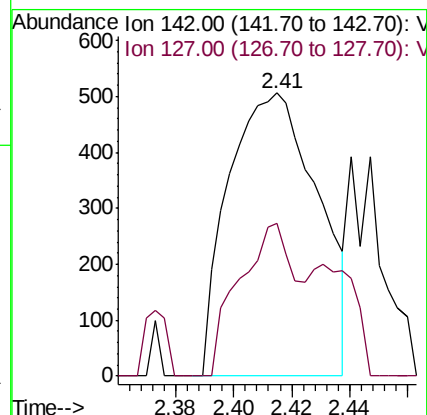
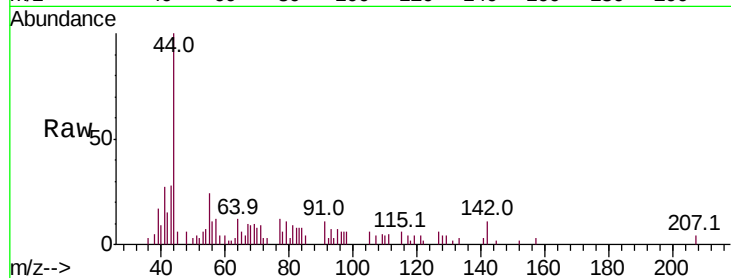
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:142 Resp: 1085

Ion Ratio Lower Upper

142 100

127 34.5 47.6 71.4#



#11

Allyl Chloride

Concen: 0.012 ug/l

RT: 2.54 min Scan# 452

Delta R.T. -0.04 min

Lab File: VU029373.D

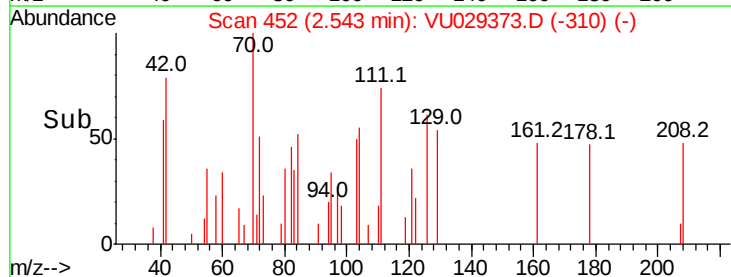
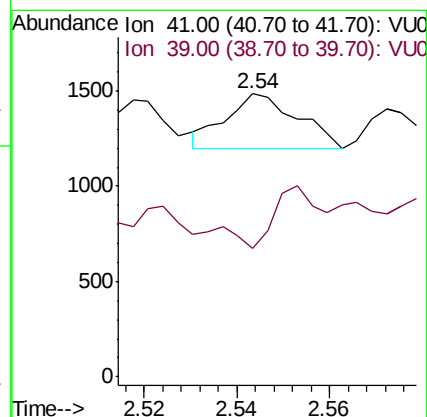
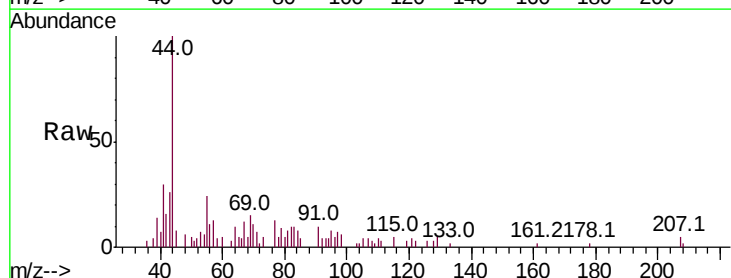
Acq: 08 Feb 2019 11:09

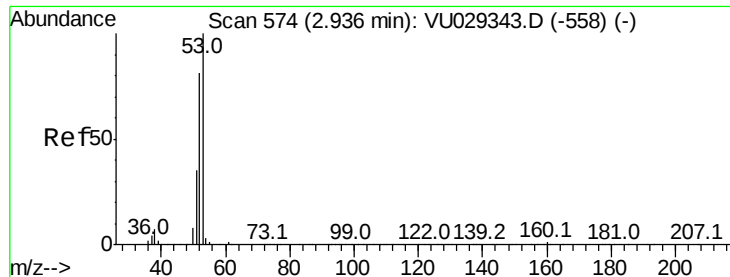
Tgt Ion: 41 Resp: 308

Ion Ratio Lower Upper

41 100

39 69.5 67.2 100.8





#12

Acrylonitrile

Concen: 0.176 ug/l

RT: 2.94 min Scan# 576

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

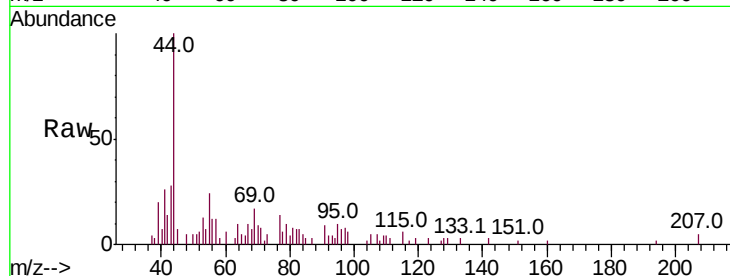
Tot Ion: 53 Resp: 626

Ion Ratio Lower Upper

53 100

52 52.1 67.6 101.4#

51 22.5 31.0 46.4#



Abundance Ion 53.00 (52.70 to 53.70): VU0

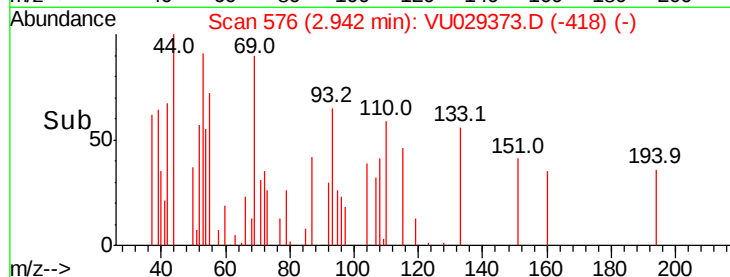
Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

2.94

2.92 2.94 2.96

Time-->



#13

Acetone

Concen: 0.063 ug/l

RT: 2.37 min Scan# 397

Delta R.T. 0.05 min

Lab File: VU029373.D

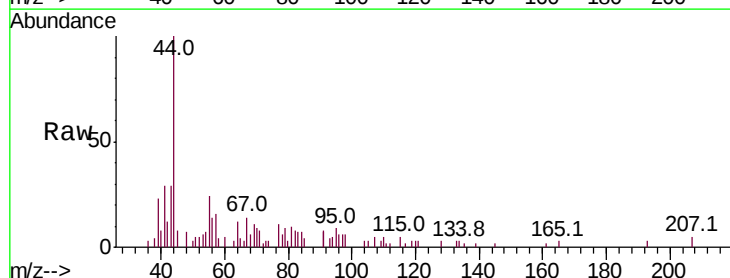
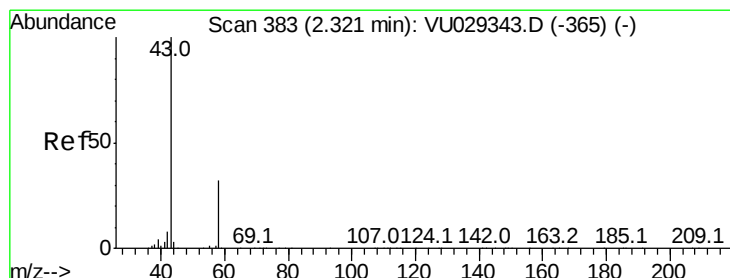
Acq: 08 Feb 2019 11:09

Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

58 24.2 19.2 28.8



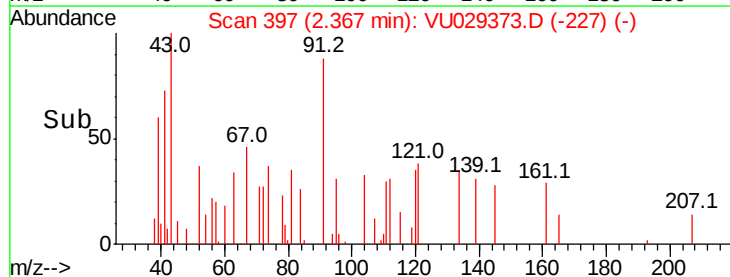
Abundance Ion 43.00 (42.70 to 43.70): VU0

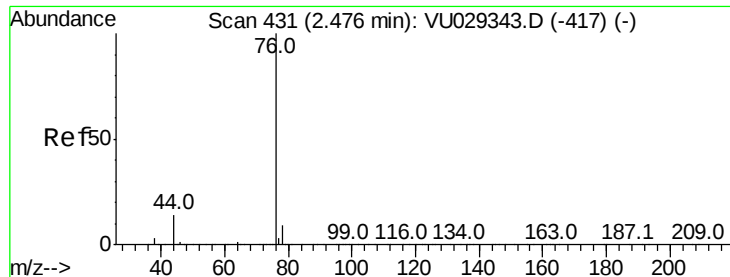
Ion 58.00 (57.70 to 58.70): VU0

2.37

2.36 2.37 2.38

Time-->





#14

Carbon Disulfide

Concen: 0.043 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

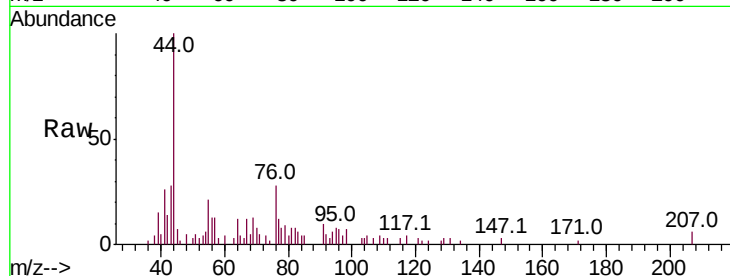
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 76 Resp: 2429

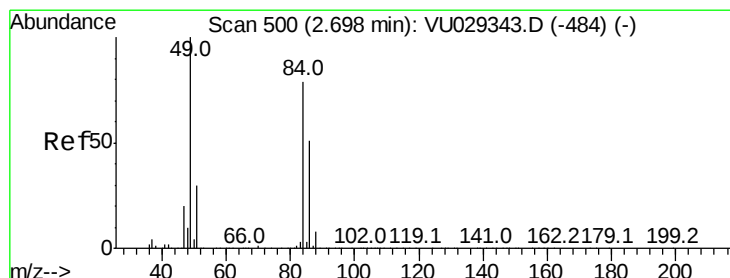
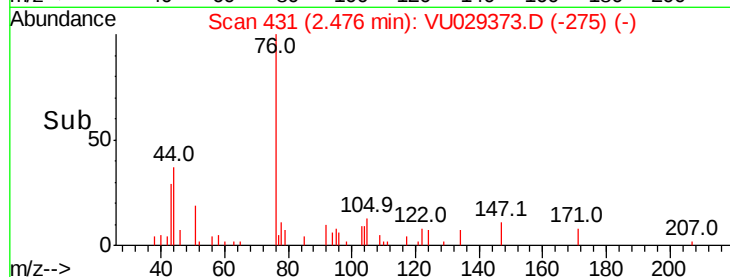
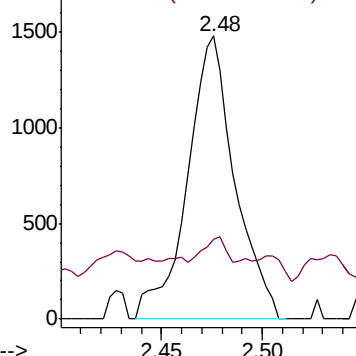
Ion Ratio Lower Upper

76 100

78 11.4 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VU0
Ion 78.00 (77.70 to 78.70): VU0



#15

Methylene Chloride

Concen: 0.373 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Tgt Ion: 84 Resp: 7160

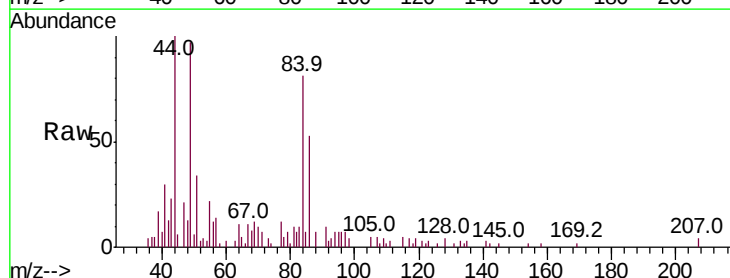
Ion Ratio Lower Upper

84 100

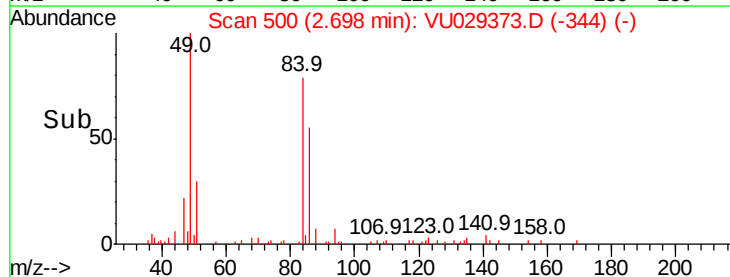
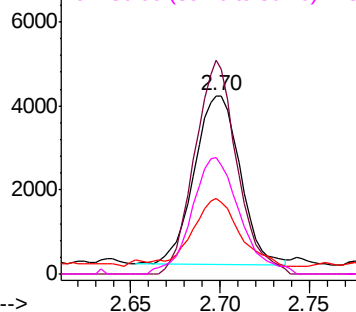
49 127.6 127.0 190.6

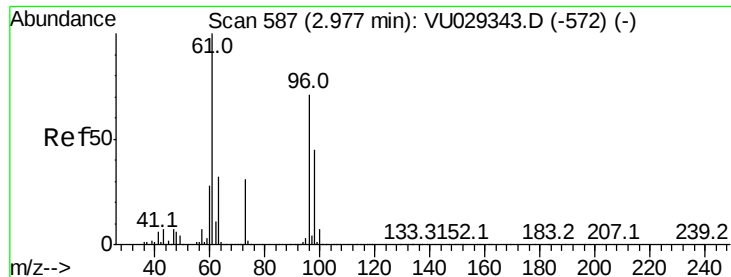
51 39.9 0.0 93.4

86 69.6 50.6 75.8



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

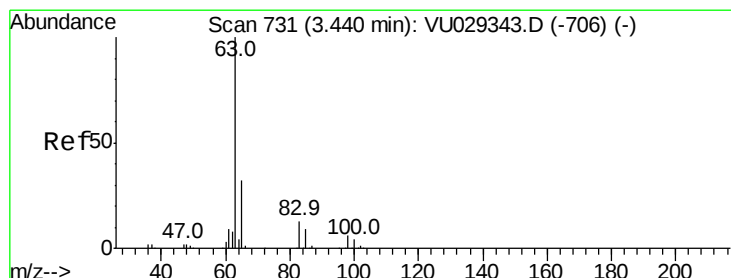
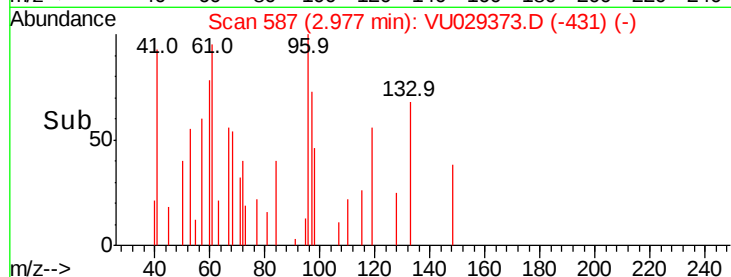
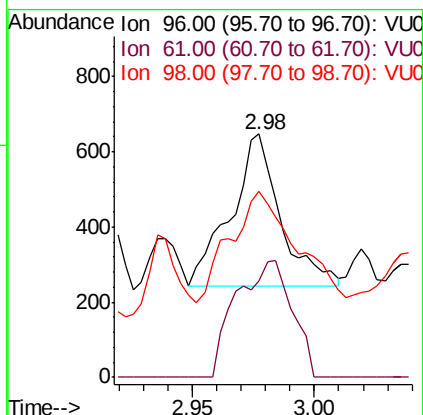
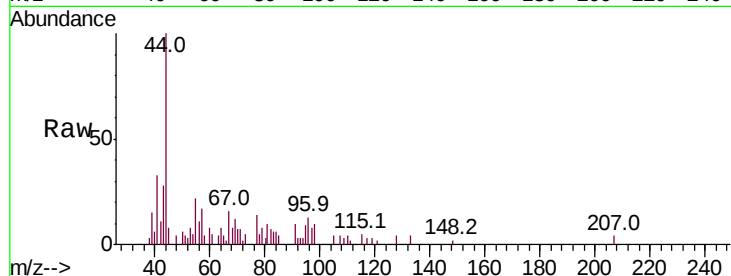




#16
trans-1,2-Dichloroethene
Concen: 0.032 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

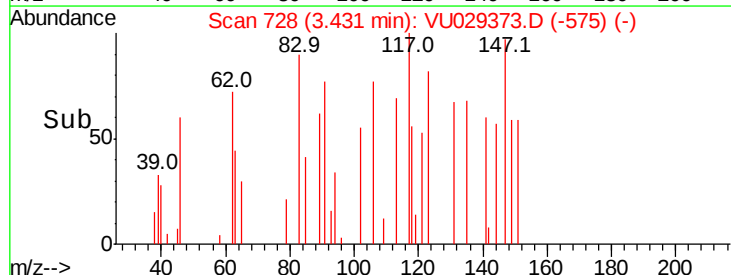
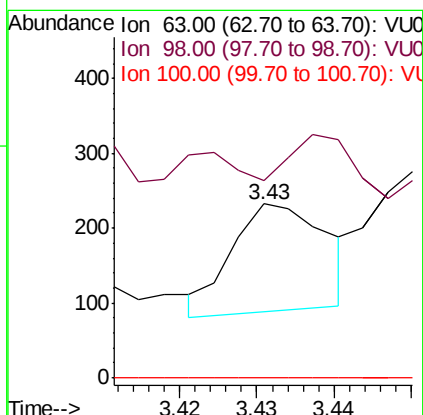
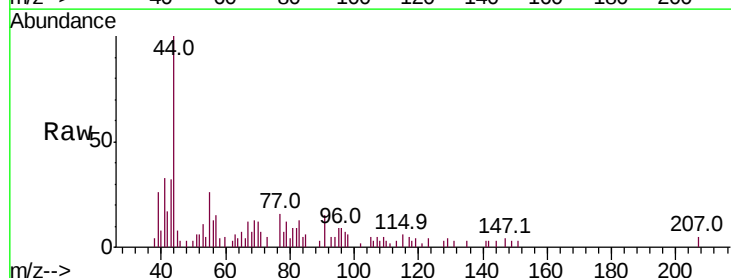
Instrument :
MSVOA_U
ClientSampled :

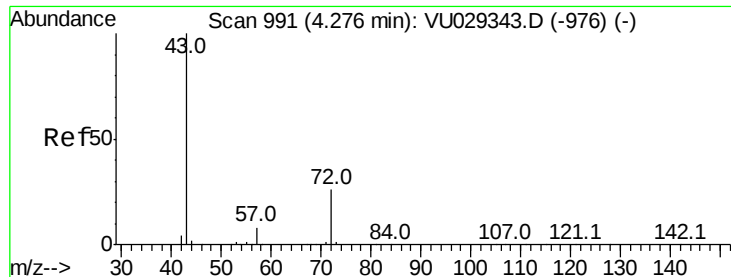
Tot Ion: 96 Resp: 571
Ion Ratio Lower Upper
96 100
61 63.7 140.6 210.8#
98 67.4 49.3 73.9



#17
1,1-Dichloroethane
Concen: 0.004 ug/l
RT: 3.43 min Scan# 728
Delta R.T. -0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 63 Resp: 122
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.8#
100 0.0 1.7 5.1#

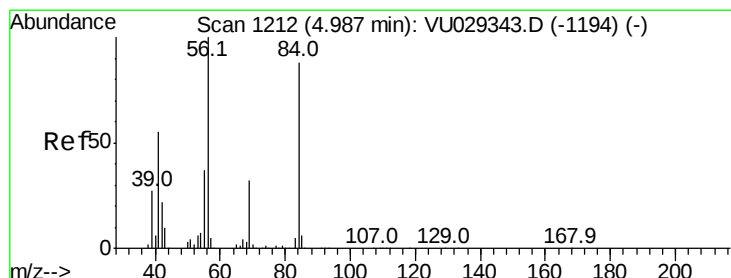
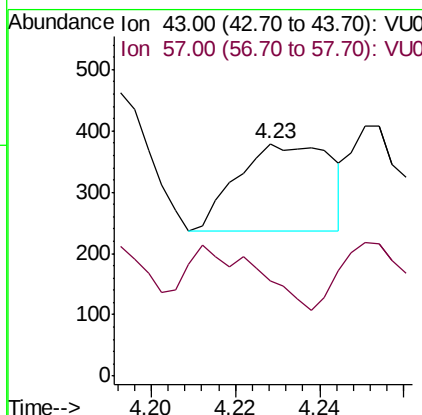
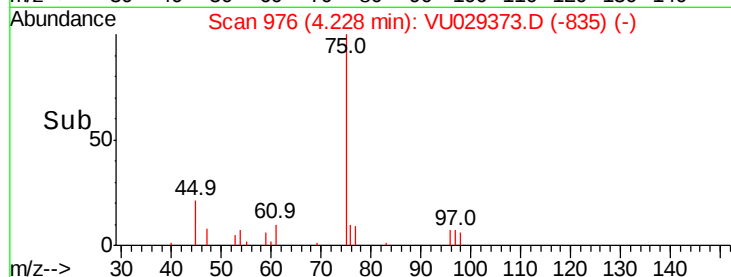
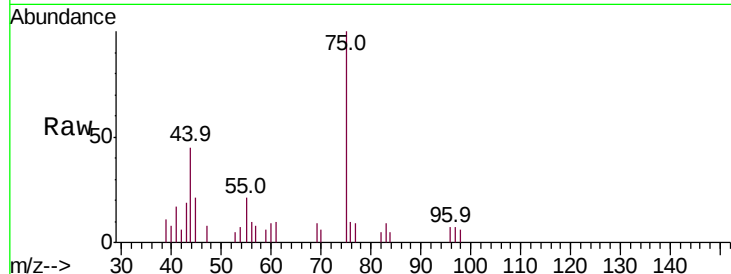




#18
2-Butanone
Concen: 0.057 ug/l
RT: 4.23 min Scan# 976
Delta R.T. -0.05 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

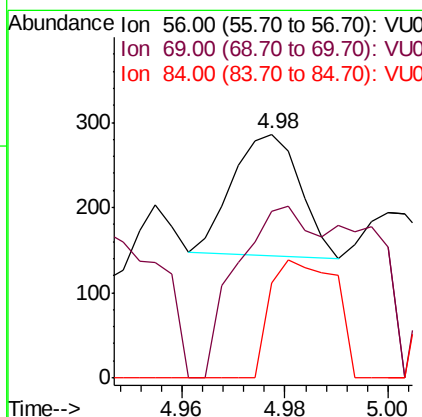
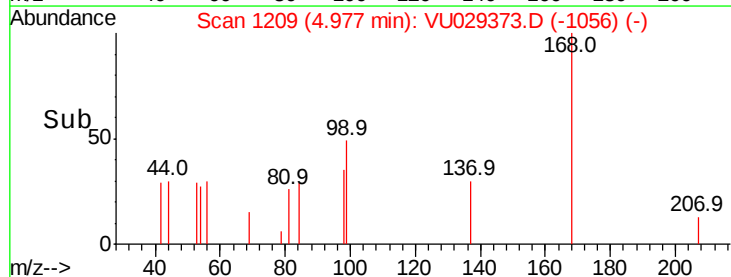
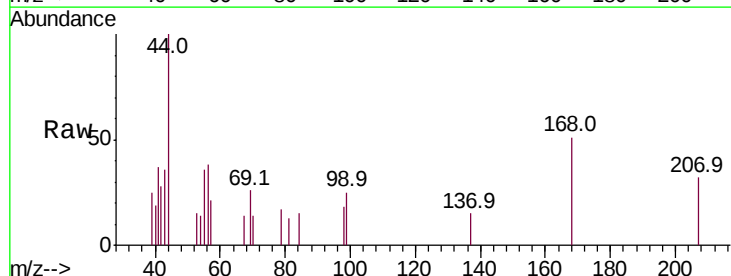
Instrument :
MSVOA_U
ClientSampled :

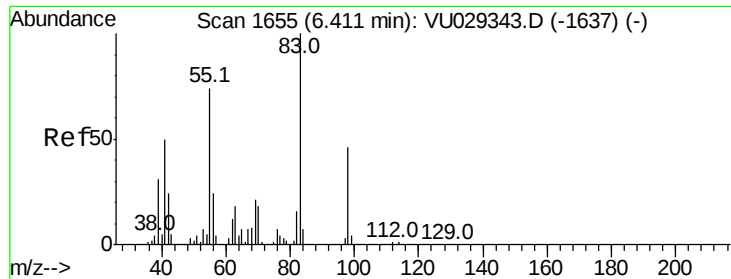
Tot Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
57 0.0 0.0 15.8



#19
Cyclohexane
Concen: 0.005 ug/l
RT: 4.98 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
69 170.5 26.8 40.2#
84 93.0 71.5 107.3

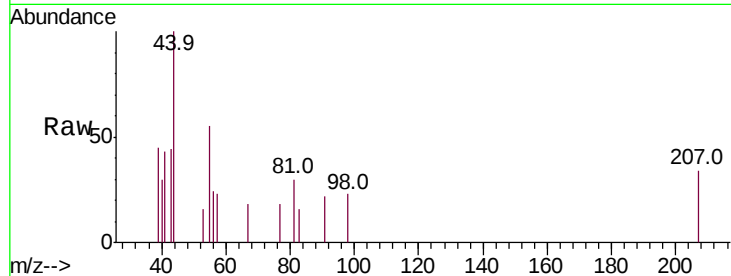




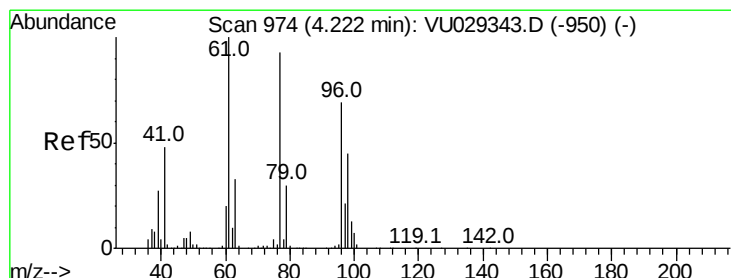
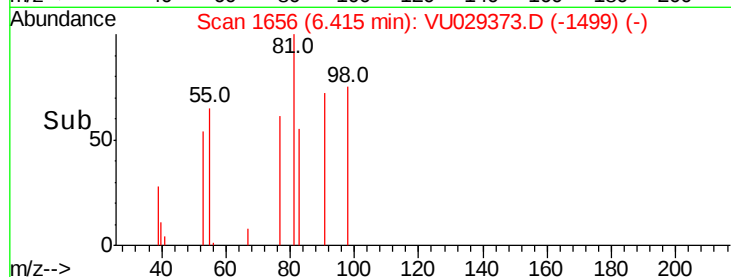
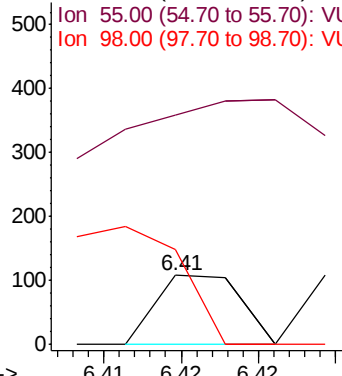
#20
Methylcyclohexane
Concen: 0.001 ug/l
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
55 0.0 72.4 108.6#
98 451.2 36.6 54.8#

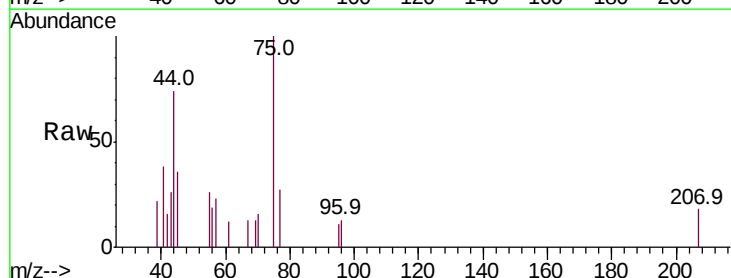


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

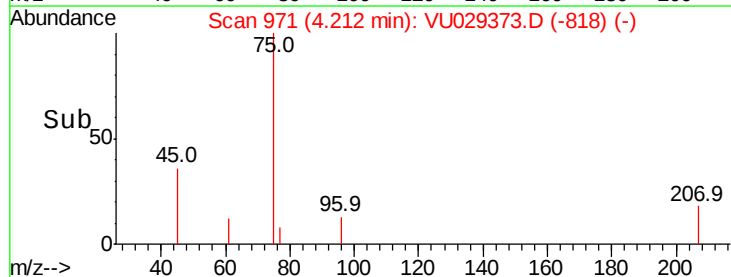
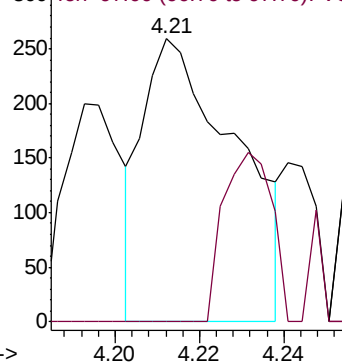


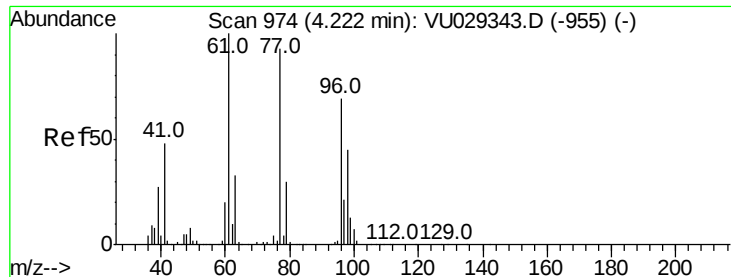
#21
2,2-Dichloropropane
Concen: 0.015 ug/l
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 77 Resp: 396
Ion Ratio Lower Upper
77 100
97 31.3 15.6 23.4#



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: 0.011 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampled :

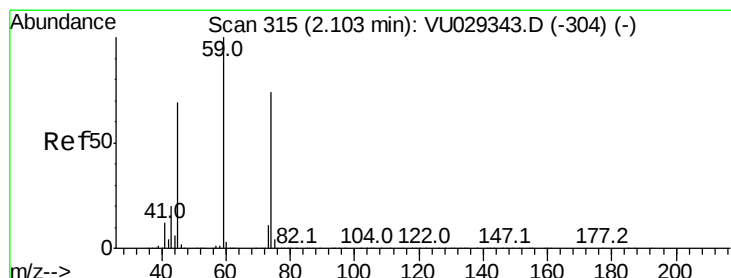
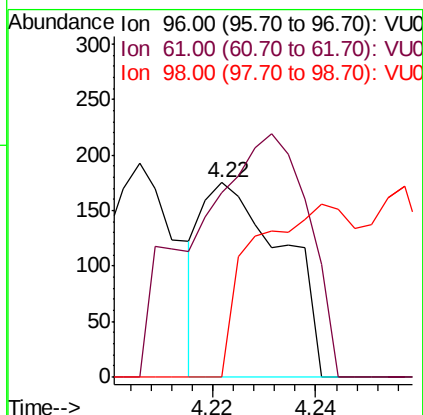
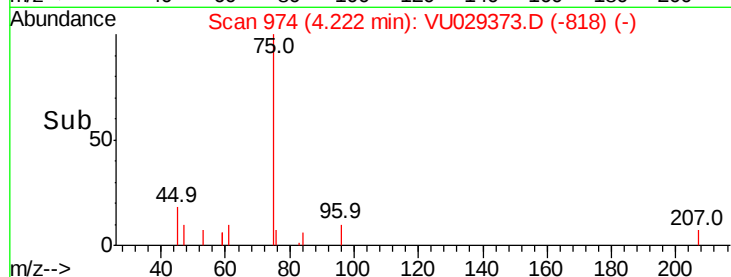
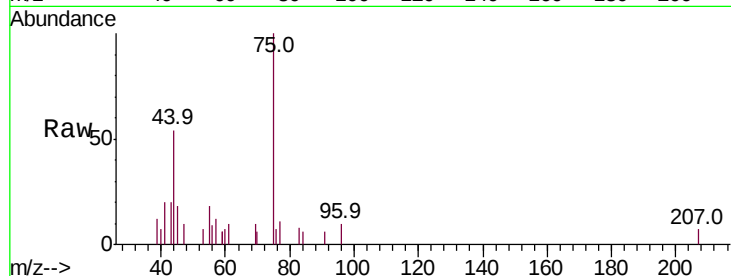
Tot Ion: 96 Resp: 190

Ion Ratio Lower Upper

96 100

61 175.3 0.0 460.0

98 109.5 32.6 97.7#



#23

Diethyl Ether

Concen: 0.128 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

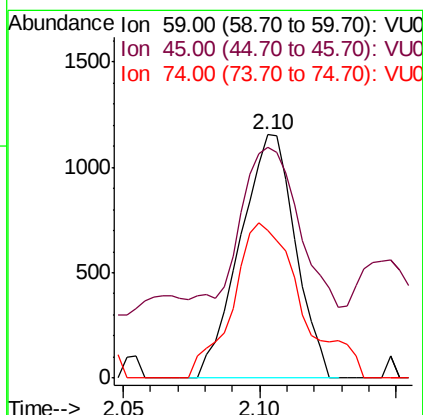
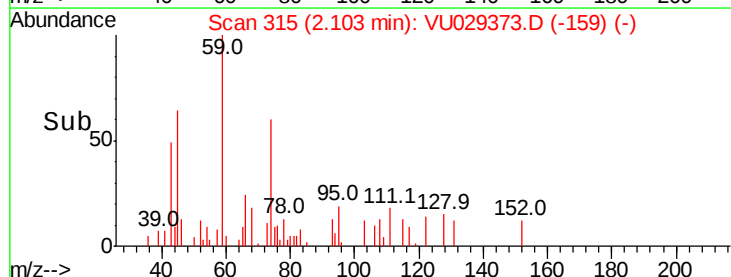
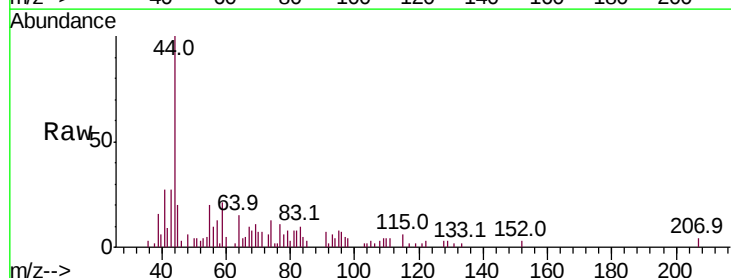
Tgt Ion: 59 Resp: 1622

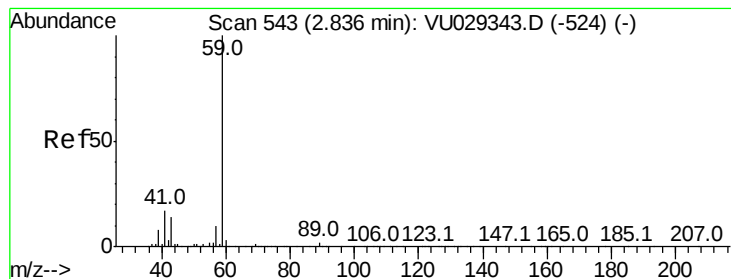
Ion Ratio Lower Upper

59 100

45 67.5 64.2 96.4

74 79.0 55.3 82.9





#24

tert-Butyl Alcohol

Concen: 0.996 ug/l

RT: 2.84 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

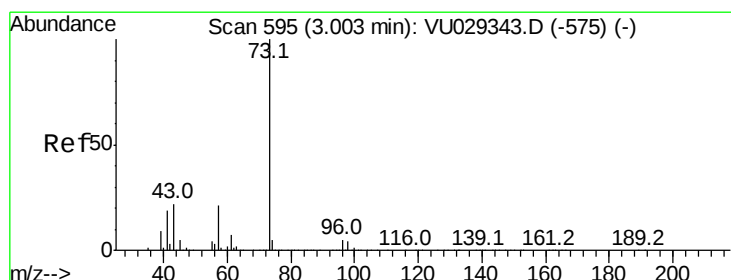
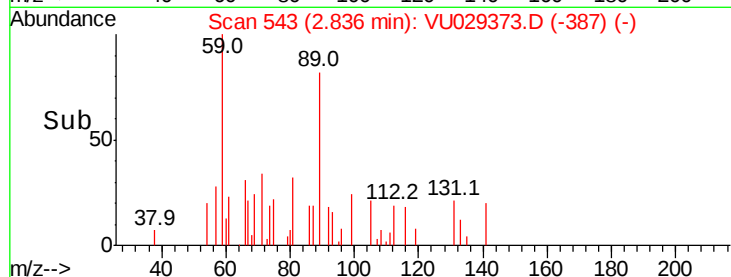
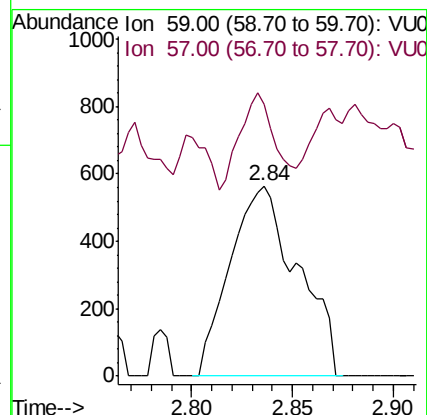
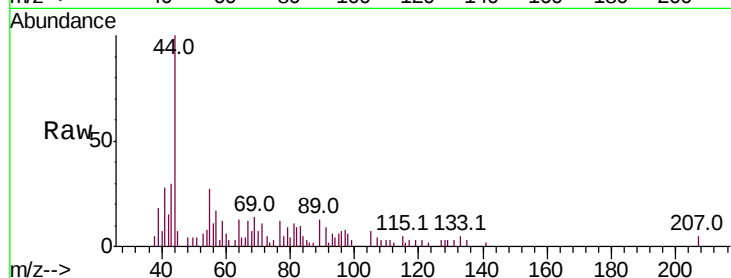
ClientSampled :

Tot Ion: 59 Resp: 1316

Ion Ratio Lower Upper

59 100

57 26.7 8.8 13.2#



#25

Methyl tert-Butyl Ether

Concen: 0.002 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029373.D

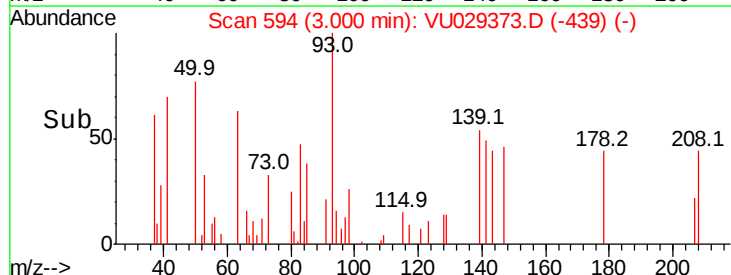
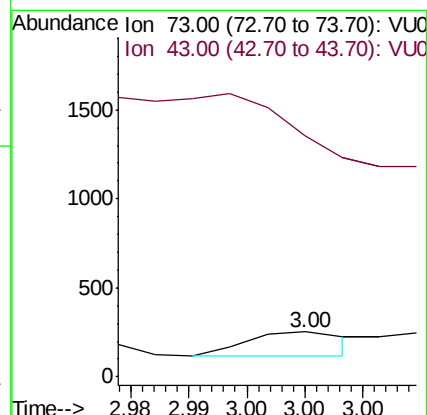
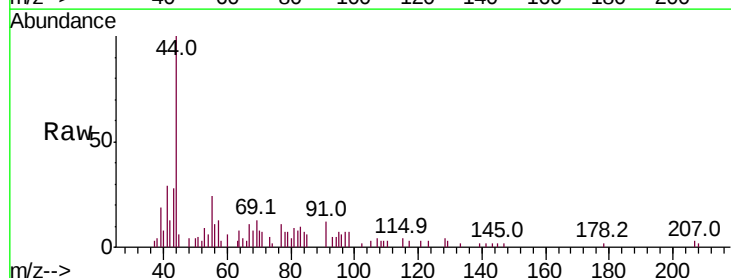
Acq: 08 Feb 2019 11:09

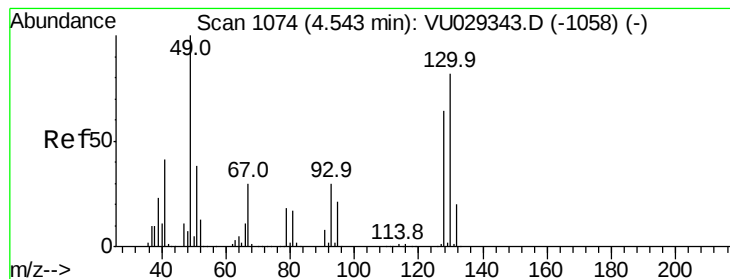
Tgt Ion: 73 Resp: 82

Ion Ratio Lower Upper

73 100

43 625.6 22.1 33.1#





#26

Bromochloromethane

Concen: 0.006 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

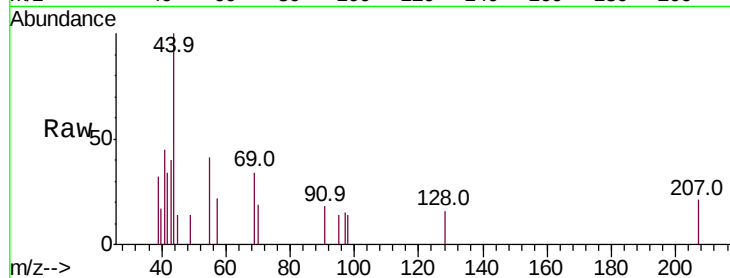
Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 43

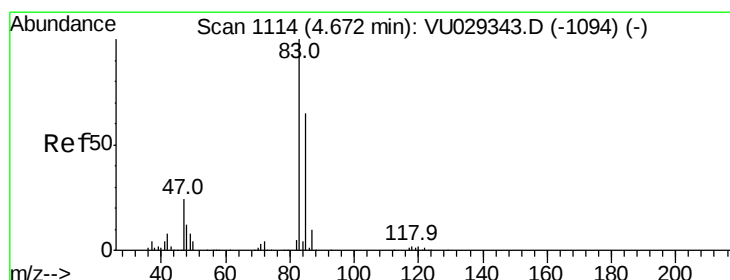
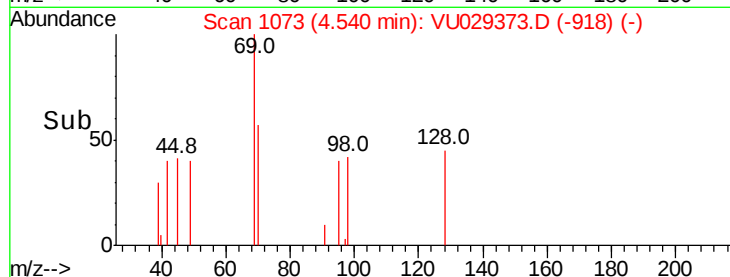
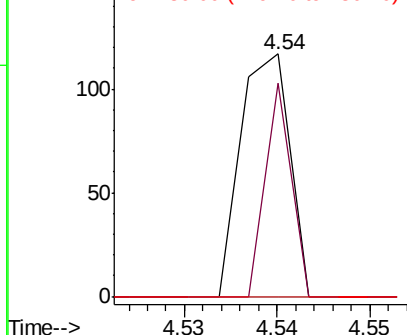
Ion	Ratio	Lower	Upper
128	100		
49	46.5	0.0	401.6
130	0.0	108.0	162.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V



#27

Chloroform

Concen: 0.004 ug/l

RT: 4.68 min Scan# 1116

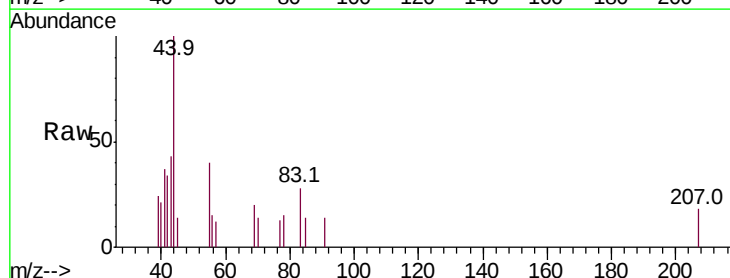
Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

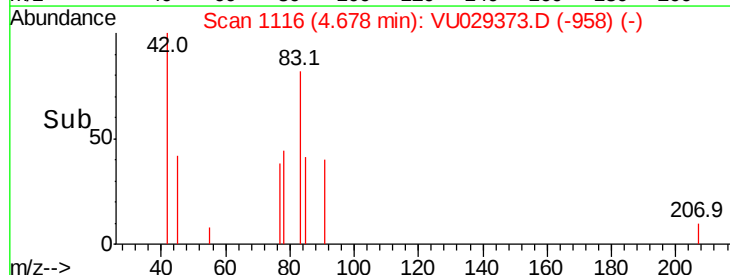
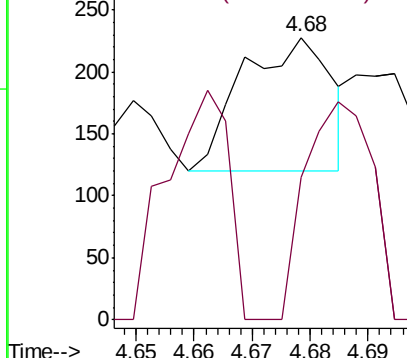
Tgt Ion: 83 Resp: 115

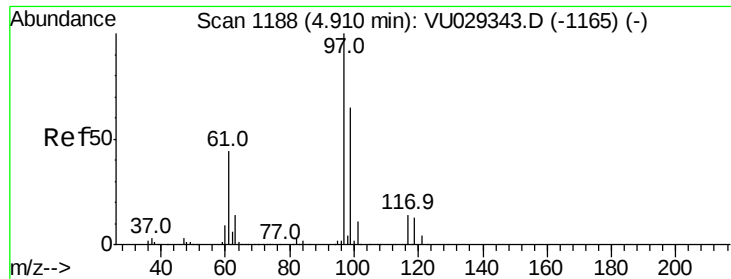
Ion	Ratio	Lower	Upper
83	100		
85	0.0	0.0	126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

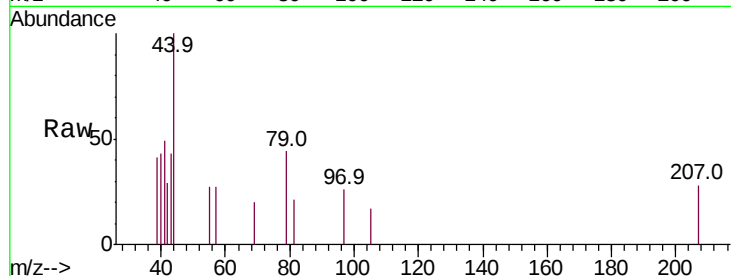




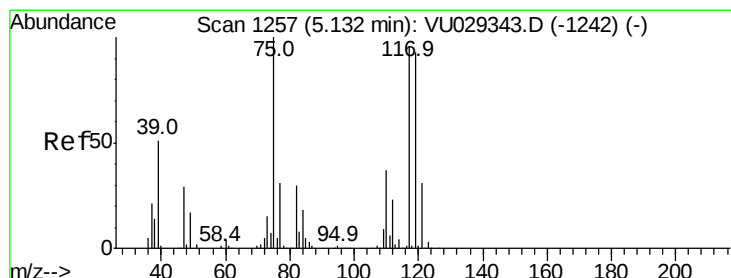
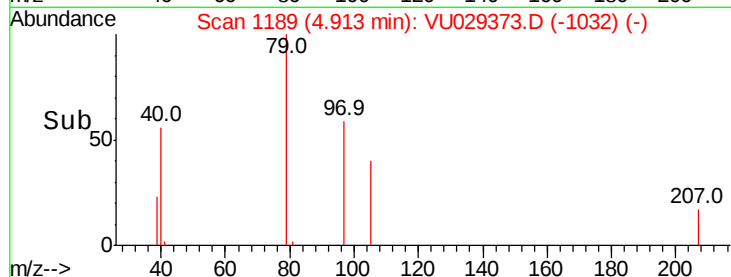
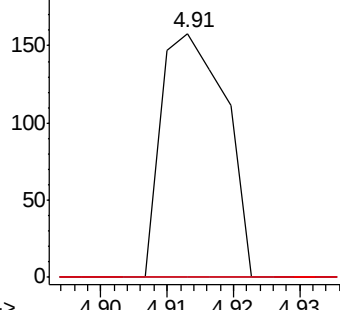
#28
 1,1,1-Trichloroethane
 Concen: 0.004 ug/l
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 106
 Ion Ratio Lower Upper
 97 100
 99 0.0 32.4 97.2#
 61 0.0 24.4 73.2#

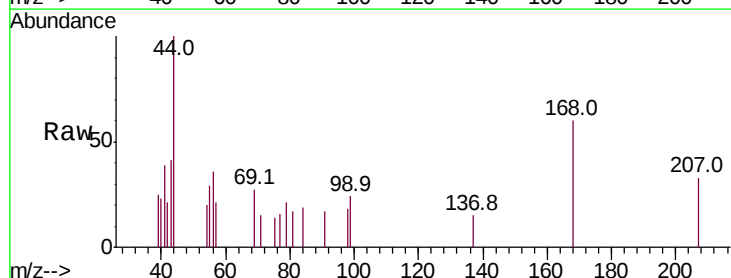


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0

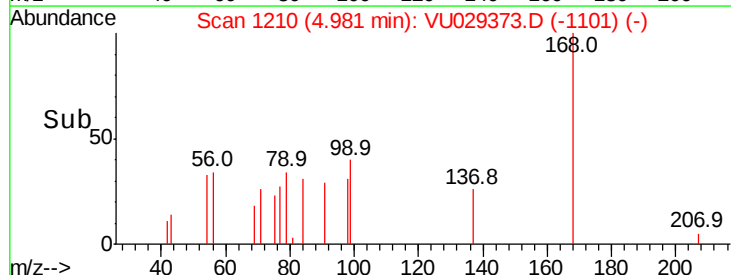
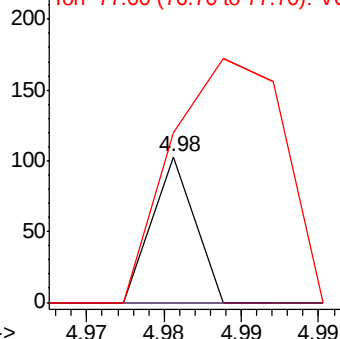


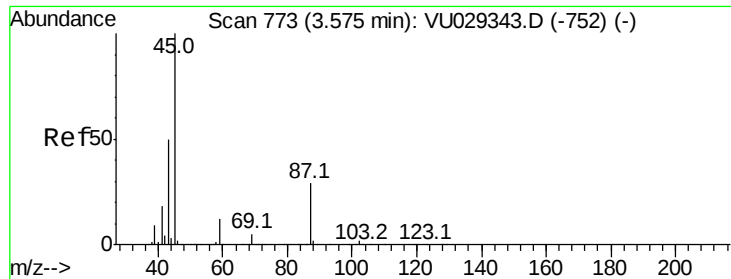
#29
 1,1-Dichloropropene
 Concen: 0.001 ug/l
 RT: 4.98 min Scan# 1210
 Delta R.T. -0.15 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.4 46.2#
 77 430.0 24.1 36.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0





#31

Isopropyl Ether

Concen: 0.006 ug/l

RT: 3.62 min Scan# 788

Delta R.T. 0.05 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

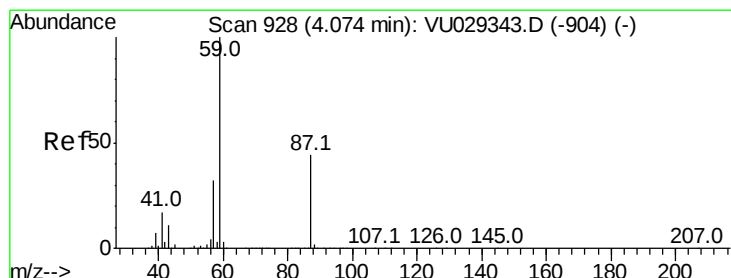
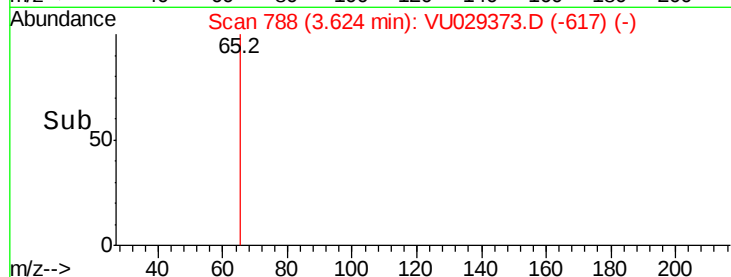
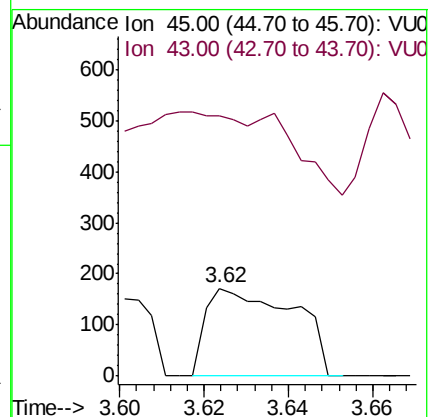
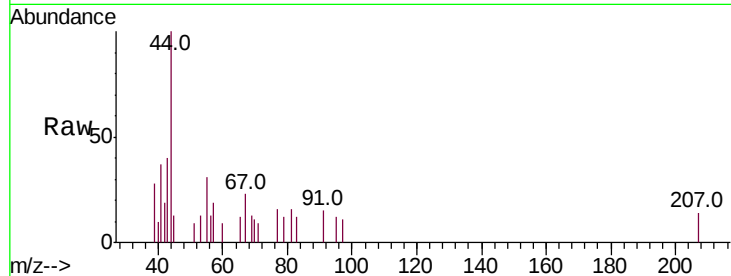
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 45 Resp: 246

Ion Ratio Lower Upper

45 100

43 58.1 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 0.003 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.15 min

Lab File: VU029373.D

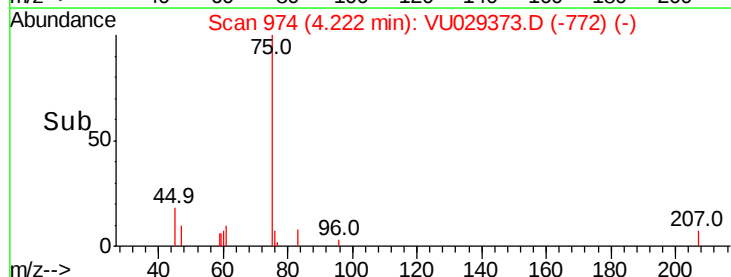
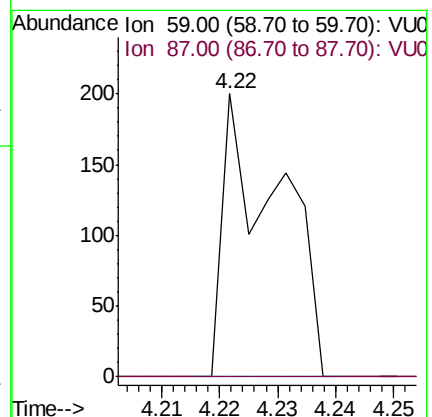
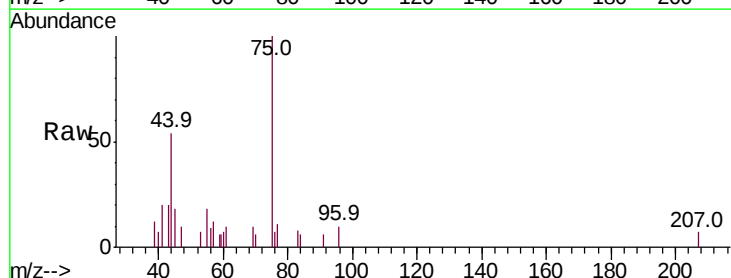
Acq: 08 Feb 2019 11:09

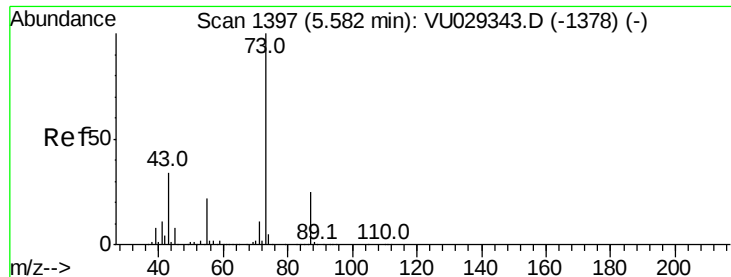
Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

59 100

87 0.0 31.1 46.7#



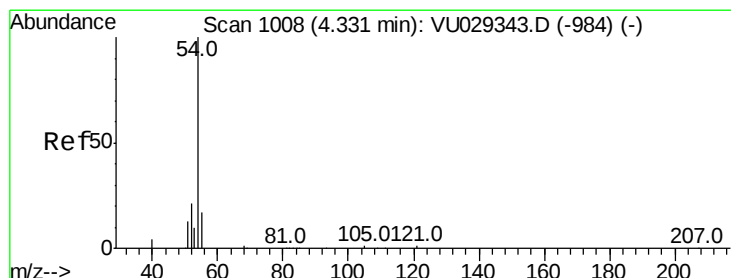
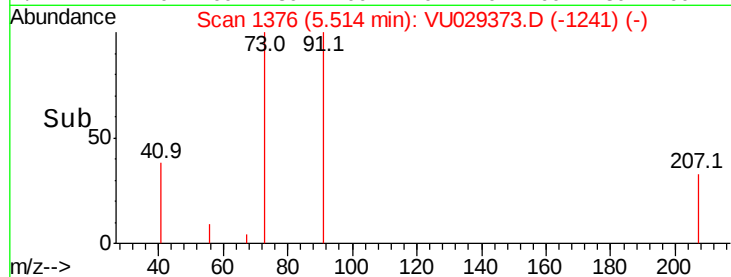
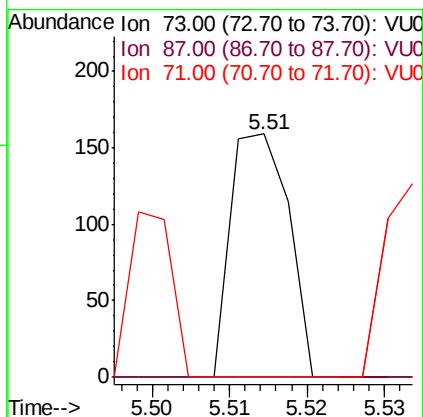
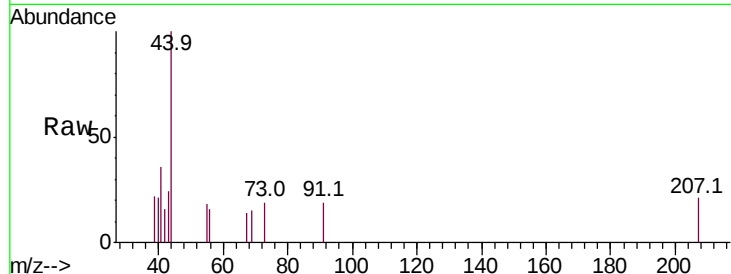


#33

Tert-Amvl methvl ether
Concen: 0.002 ug/l
RT: 5.51 min Scan# 1376
Delta R.T. -0.07 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

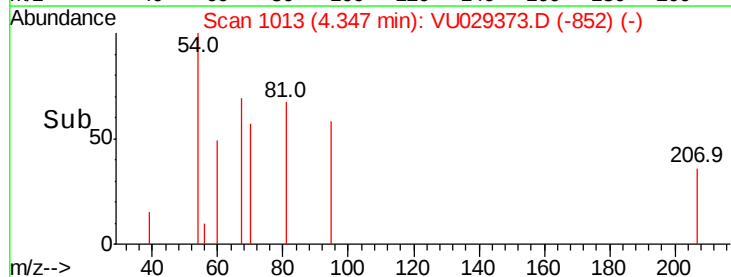
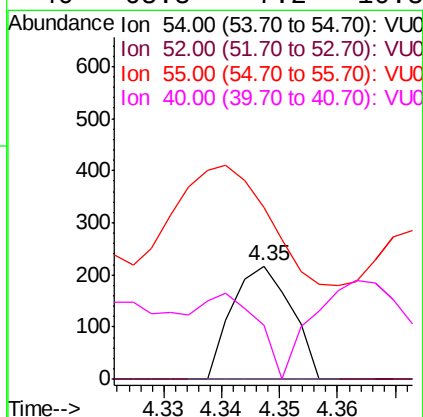
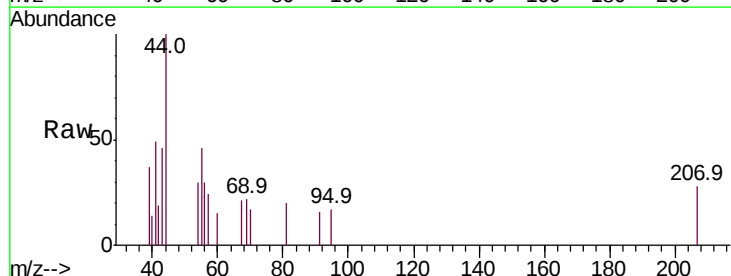
Tot Ion: 73 Resp: 83
Ion Ratio Lower Upper
73 100
87 0.0 19.4 29.0#
71 49.4 9.0 13.4#

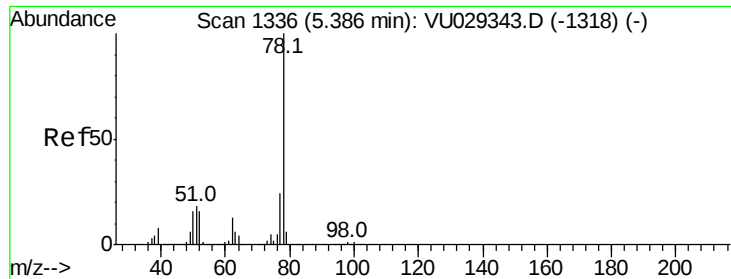


#34

Propionitrile
Concen: 0.153 ug/l
RT: 4.35 min Scan# 1013
Delta R.T. 0.02 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 54 Resp: 154
Ion Ratio Lower Upper
54 100
52 0.0 18.9 28.3#
55 165.6 15.1 22.7#
40 68.8 7.2 10.8#





#35

Benzene

Concen: 0.006 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.02 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

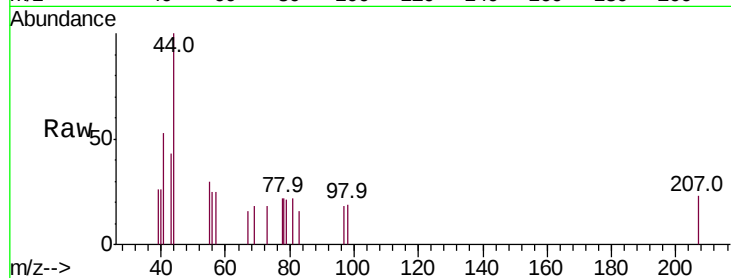
ClientSampled :

Tot Ion: 78 Resp: 360

Ion Ratio Lower Upper

78 100

77 0.0 19.8 29.8#



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.41

250

200

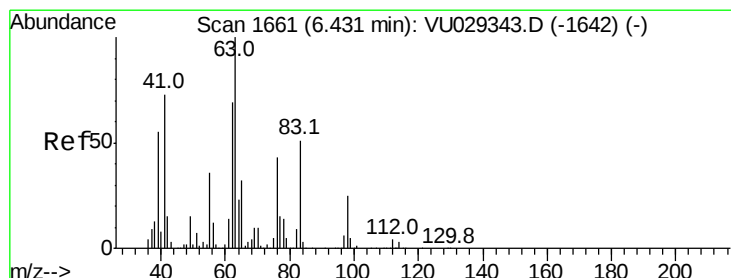
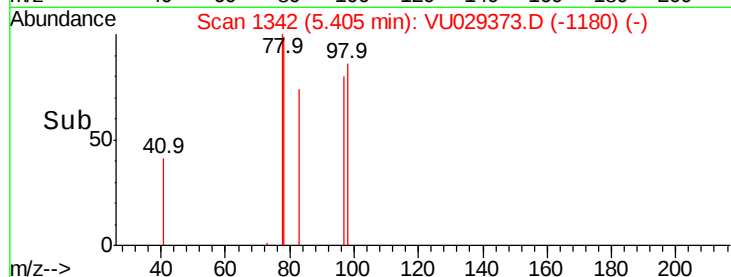
150

100

50

0

Time-->



#38

1,2-Dichloropropane

Concen: 0.003 ug/l

RT: 6.44 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VU029373.D

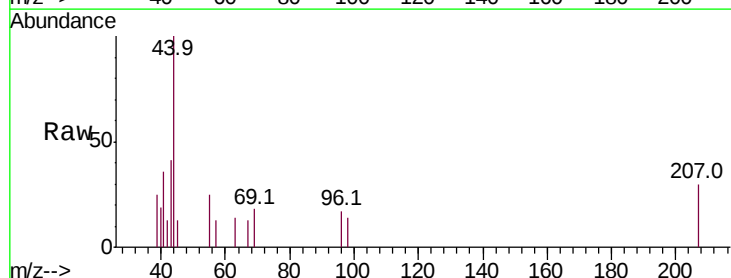
Acq: 08 Feb 2019 11:09

Tgt Ion: 63 Resp: 40

Ion Ratio Lower Upper

63 100

65 0.0 25.5 38.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

6.44

120

100

80

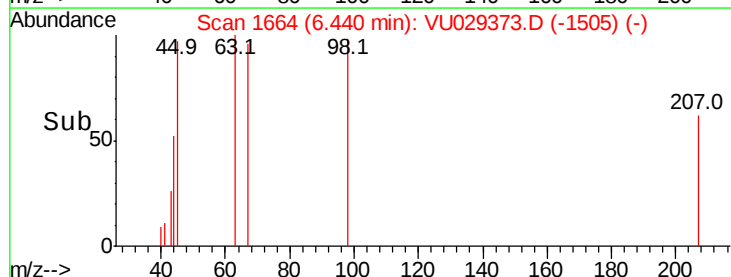
60

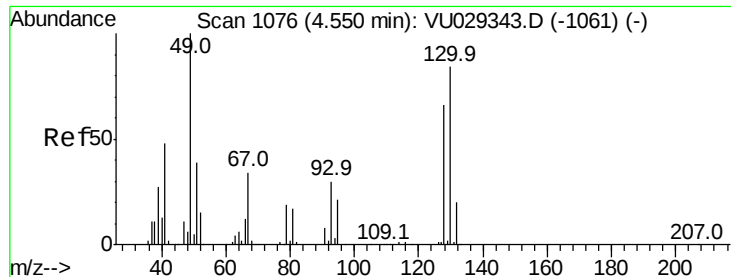
40

20

0

Time-->

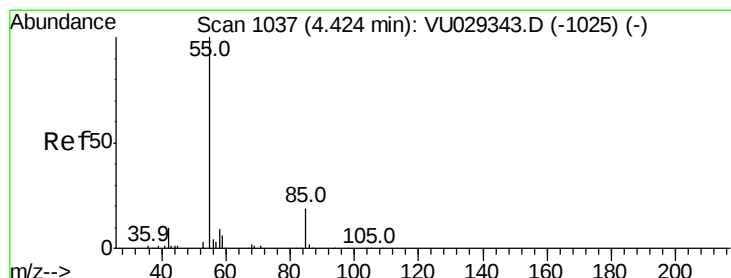
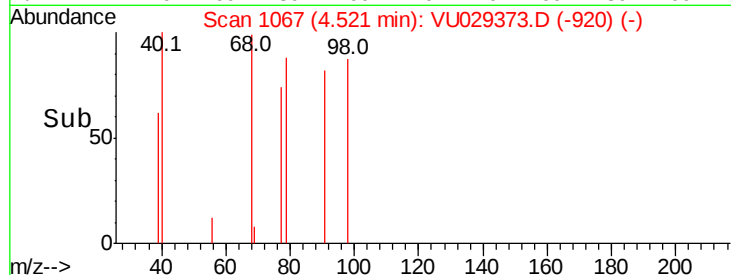
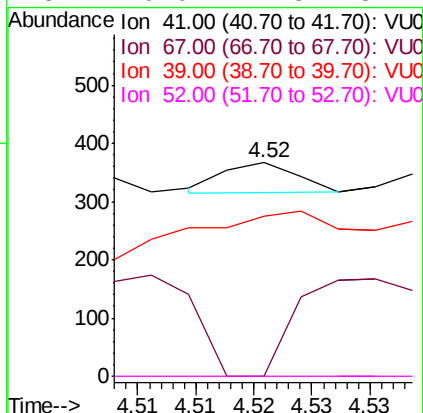
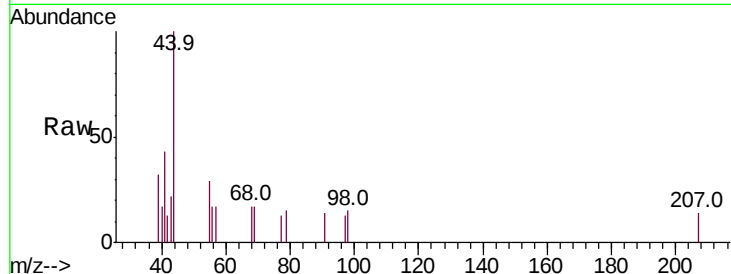




#39
Methacrylonitrile
Concen: 0.004 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. -0.03 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

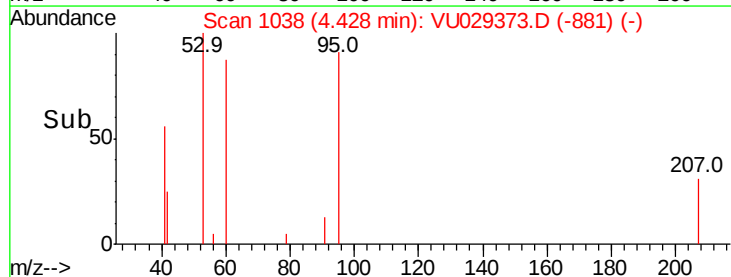
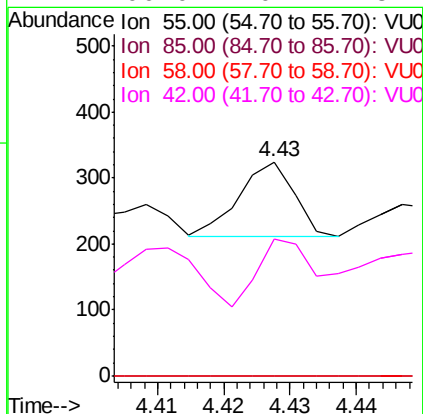
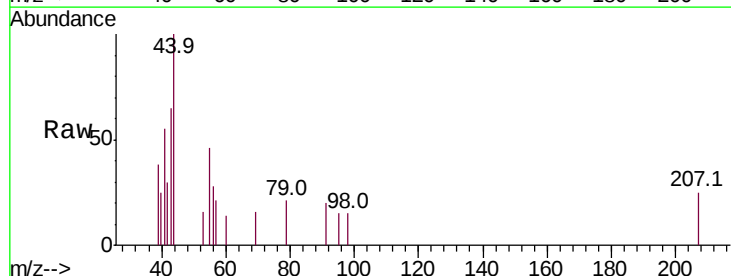
Instrument :
MSVOA_U
ClientSampleId :

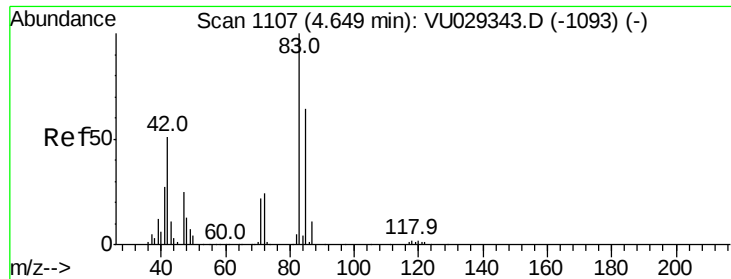
Tot Ion: 41 Resp: 23
Ion Ratio Lower Upper
41 100
67 604.3 50.1 75.1#
39 408.7 47.9 71.9#
52 0.0 24.8 37.2#



#40
Methyl acrylate
Concen: 0.008 ug/l
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 55 Resp: 65
Ion Ratio Lower Upper
55 100
85 0.0 11.3 16.9#
58 0.0 6.2 9.4#
42 100.0 10.1 15.1#





#41

Tetrahydrofuran

Concen: 0.264 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

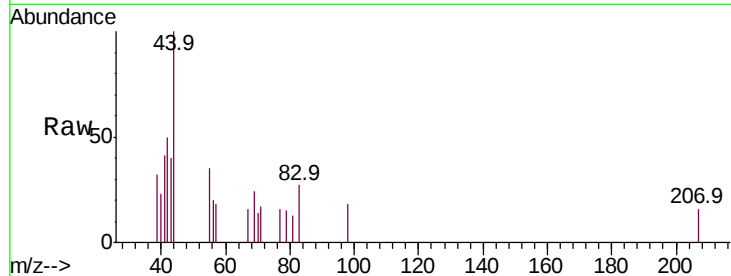
Tot Ion: 42 Resp: 685

Ion Ratio Lower Upper

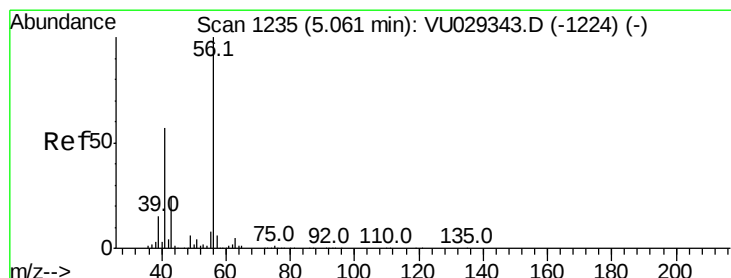
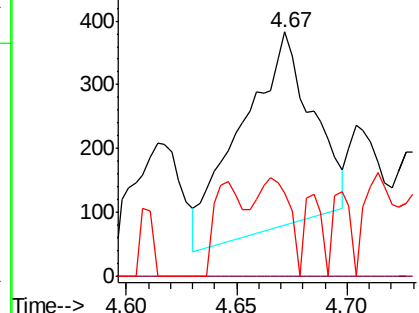
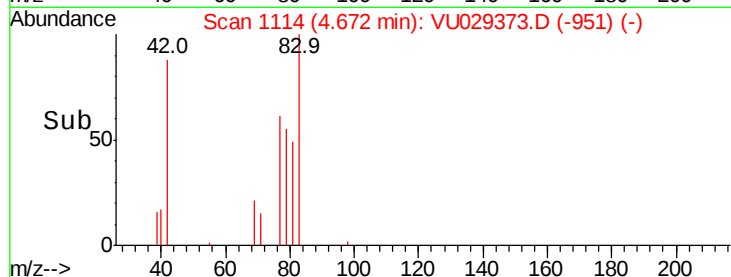
42 100

72 0.0 33.1 49.7#

71 22.3 30.2 45.2#



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 0.016 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU029373.D

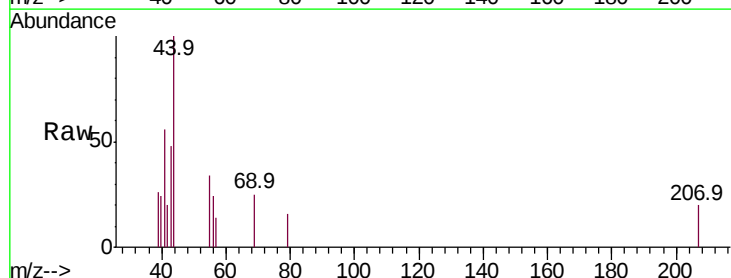
Acq: 08 Feb 2019 11:09

Tgt Ion: 56 Resp: 469

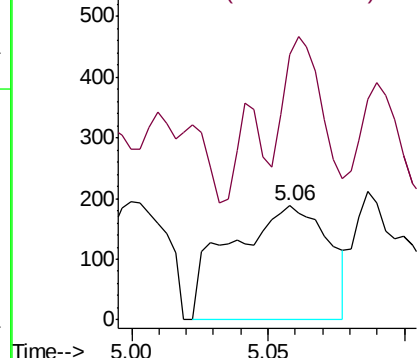
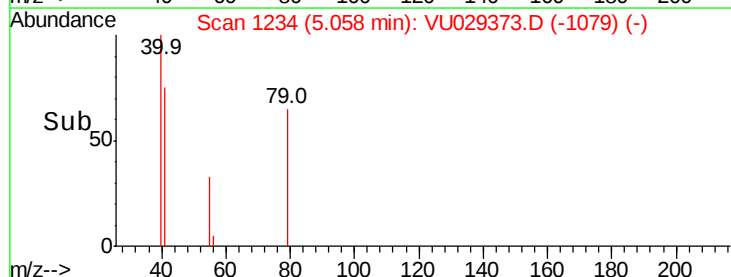
Ion Ratio Lower Upper

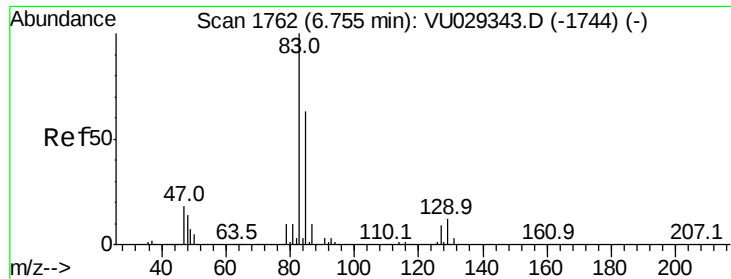
56 100

41 43.5 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#44

Bromodichloromethane

Concen: 0.013 ug/l

RT: 6.77 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampled :

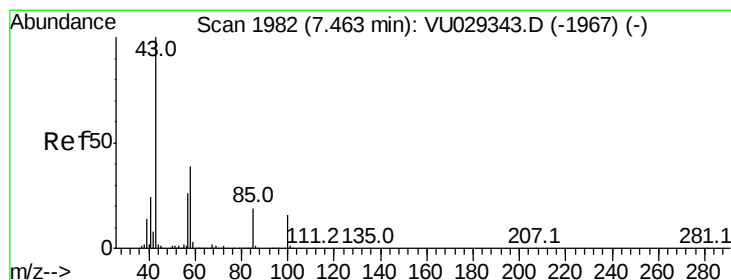
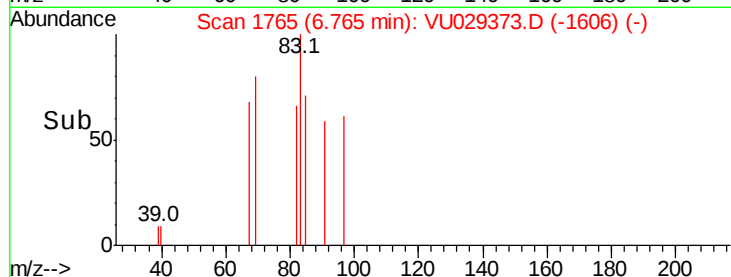
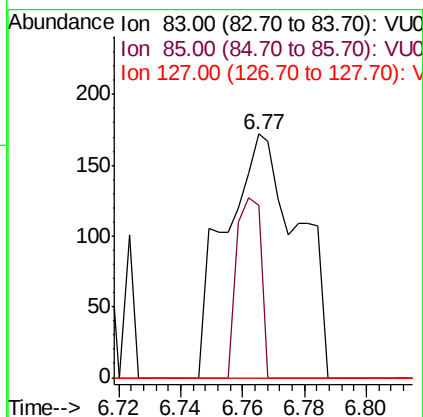
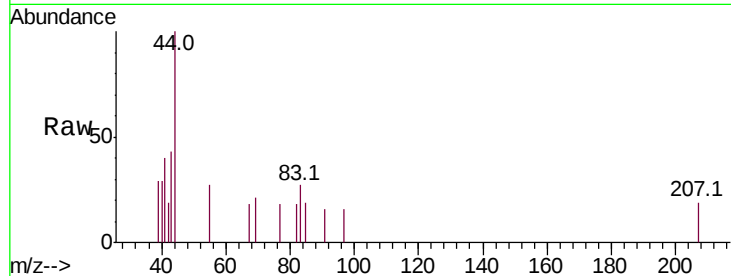
Tot Ion: 83 Resp: 283

Ion Ratio Lower Upper

83 100

85 70.9 49.2 73.8

127 0.0 7.0 10.6#



#45

4-Methyl-2-Pentanone

Concen: 0.214 ug/l

RT: 7.48 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

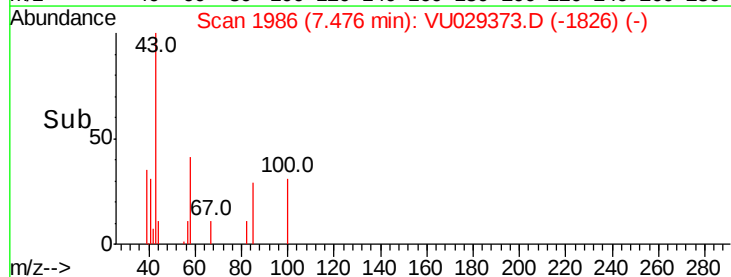
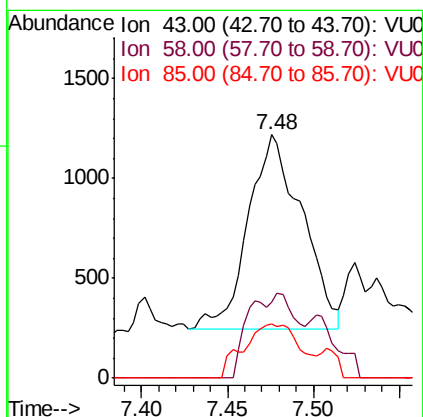
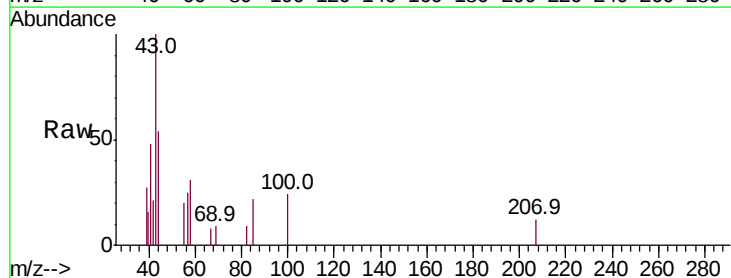
Tgt Ion: 43 Resp: 2112

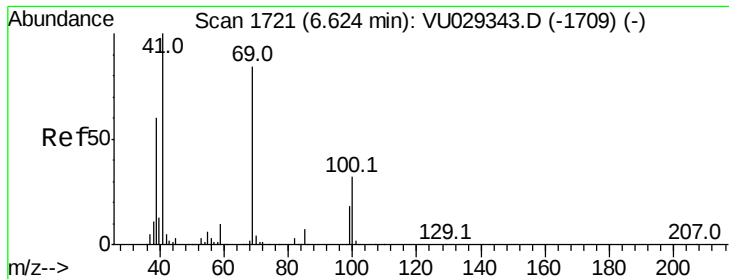
Ion Ratio Lower Upper

43 100

58 17.2 17.6 52.8#

85 29.1 12.3 18.5#

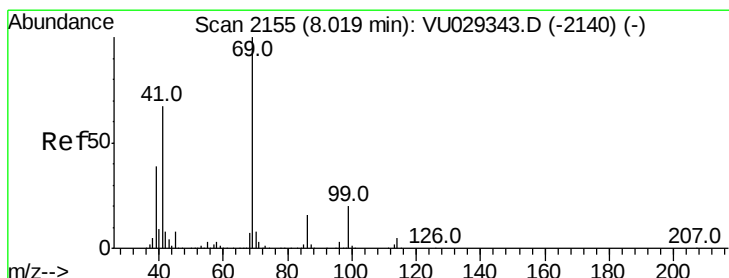
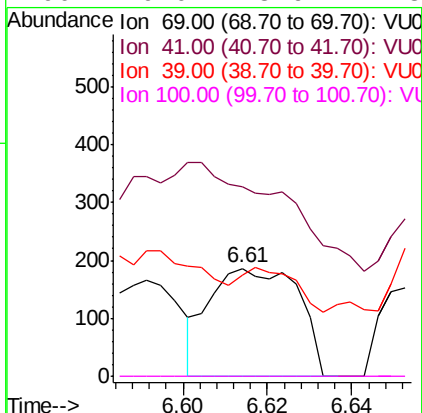
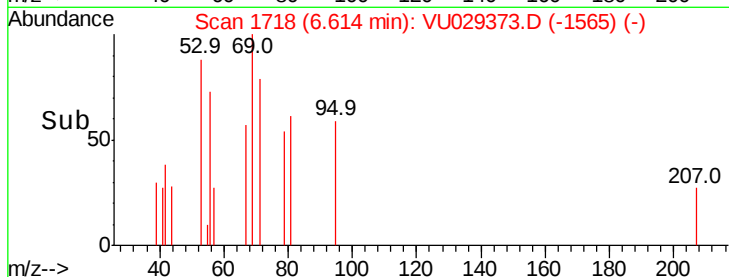
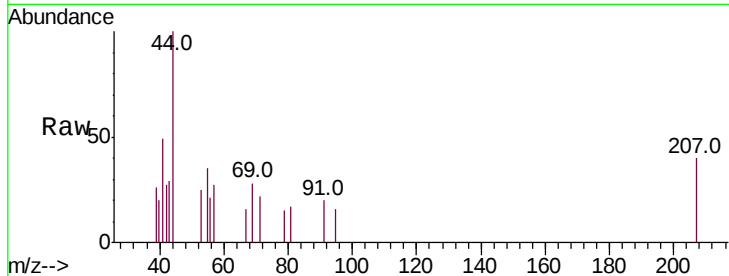




#47
Methyl methacrylate
Concen: 0.036 ug/l
RT: 6.61 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

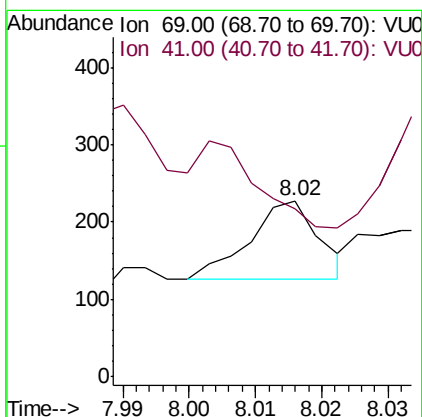
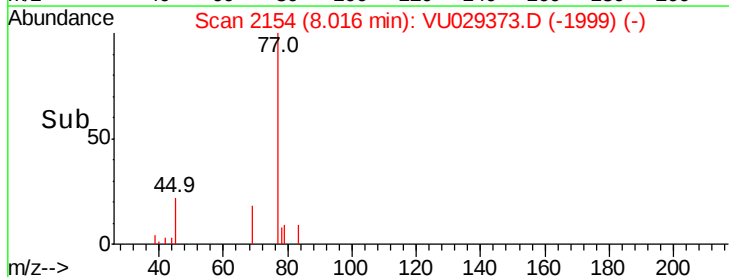
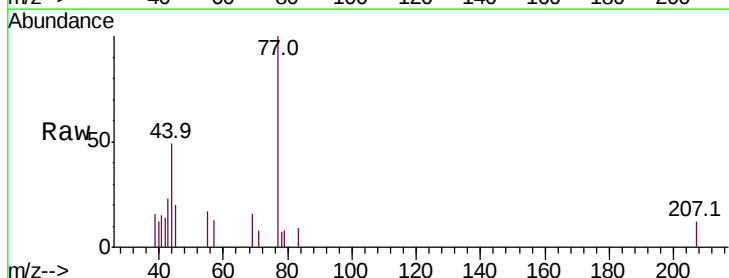
Instrument :
MSVOA_U
ClientSampleId :

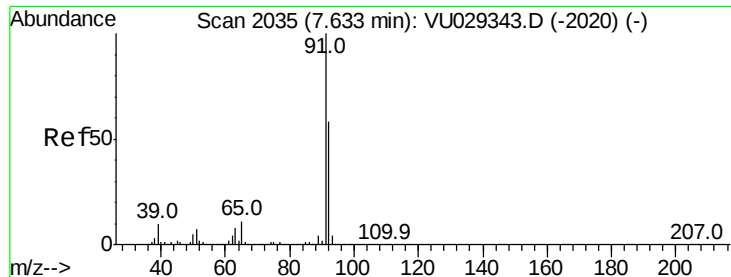
Tot Ion: 69 Resp: 269
Ion Ratio Lower Upper
69 100
41 0.0 0.0 296.2
39 0.0 71.2 106.8#
100 0.0 28.6 42.8#



#48
Ethyl methacrylate
Concen: 0.005 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 69 Resp: 74
Ion Ratio Lower Upper
69 100
41 87.8 39.9 119.7





#49

Toluene

Concen: 0.006 ug/l

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

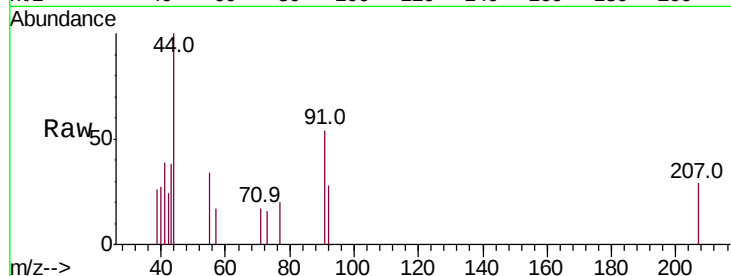
ClientSampled :

Tot Ion: 92 Resp: 228

Ion Ratio Lower Upper

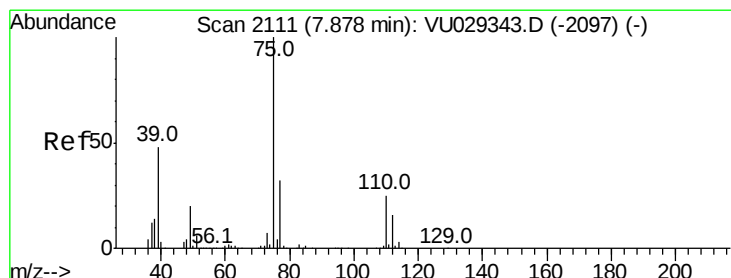
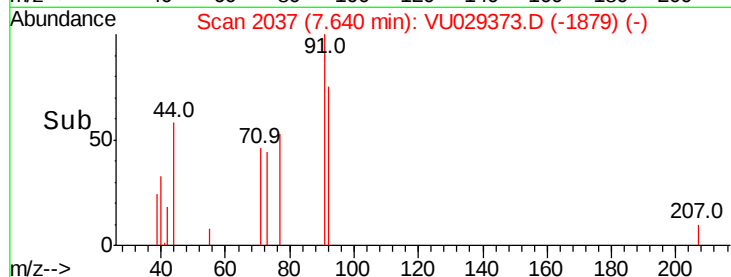
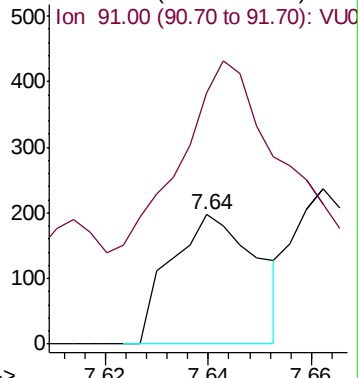
92 100

91 351.8 140.7 211.1#



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 0.006 ug/l

RT: 7.90 min Scan# 2118

Delta R.T. 0.02 min

Lab File: VU029373.D

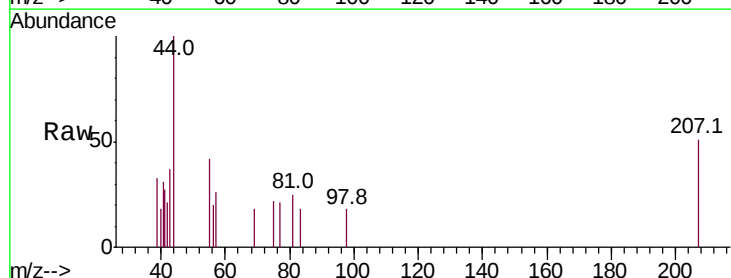
Acq: 08 Feb 2019 11:09

Tgt Ion: 75 Resp: 123

Ion Ratio Lower Upper

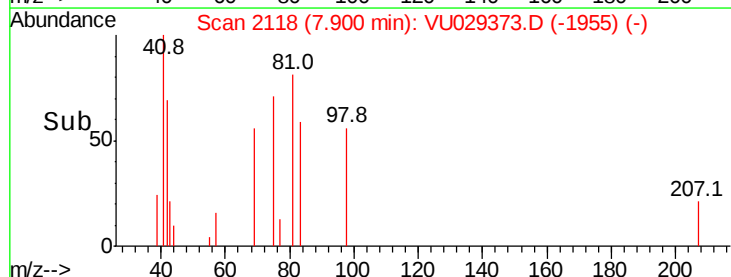
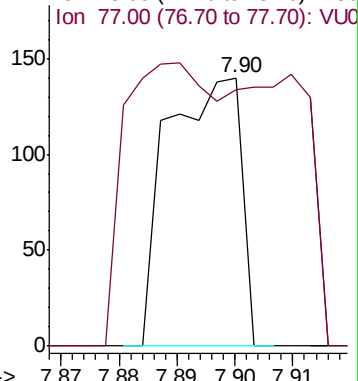
75 100

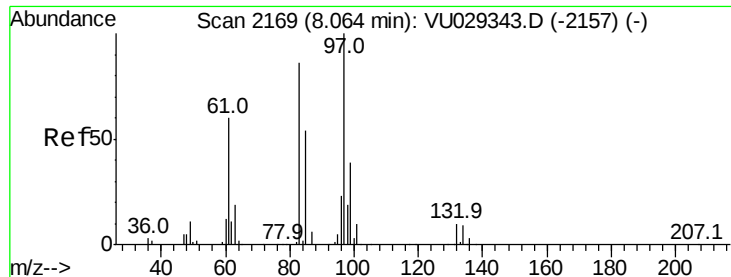
77 5.7 23.6 35.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

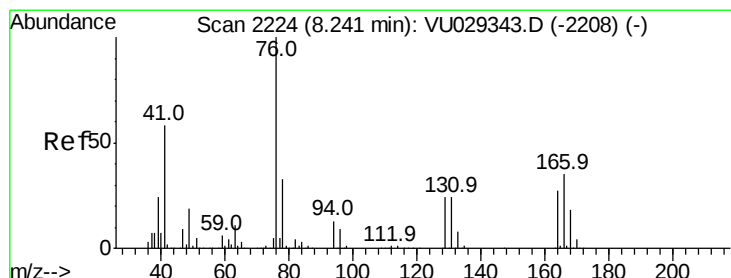
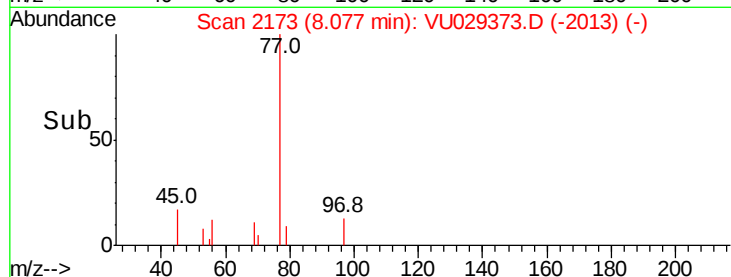
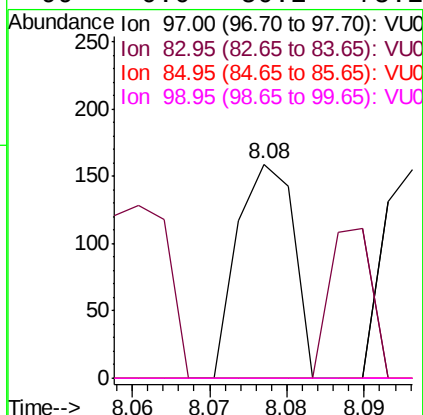
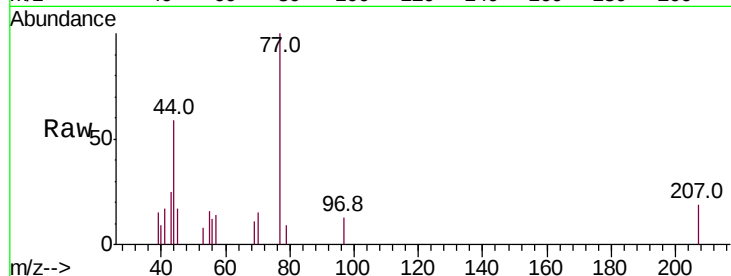




#52
 1,1,2-Trichloroethane
 Concen: 0.007 ug/l
 RT: 8.08 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

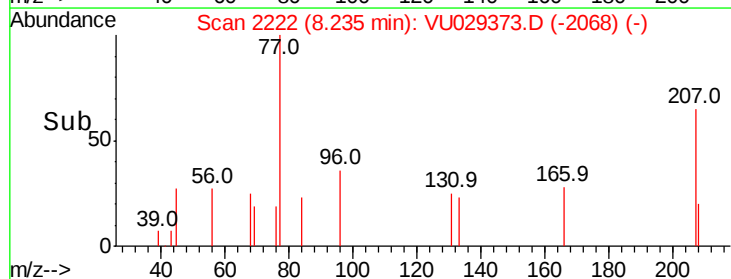
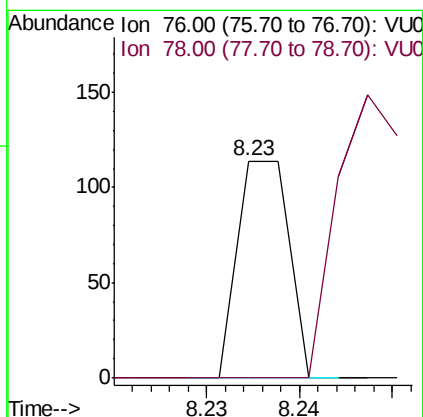
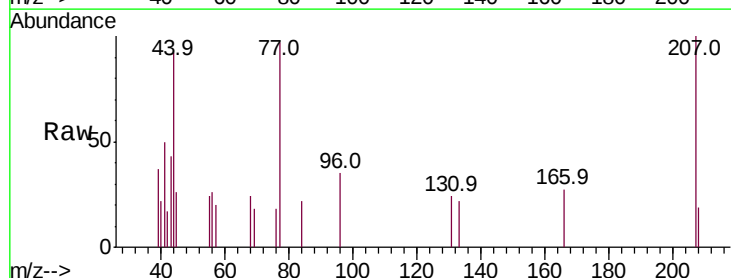
Instrument :
 MSVOA_U
 ClientSampleId :

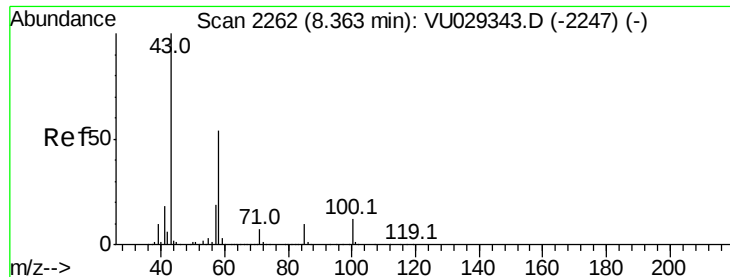
Tot Ion: 97 Resp: 81
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.9 104.9#
 85 0.0 45.8 68.6#
 99 0.0 50.2 75.2#



#53
 1,3-Dichloropropane
 Concen: 0.002 ug/l
 RT: 8.23 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

Tgt Ion: 76 Resp: 44
 Ion Ratio Lower Upper
 76 100
 78 168.2 26.3 39.5#

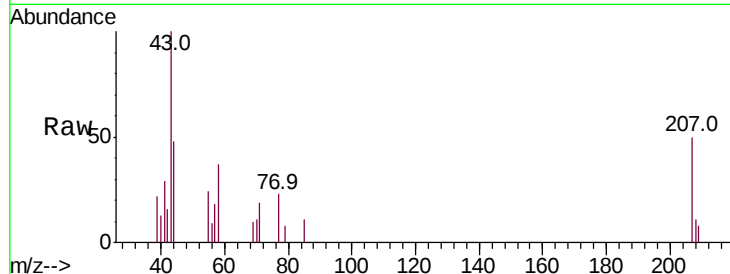




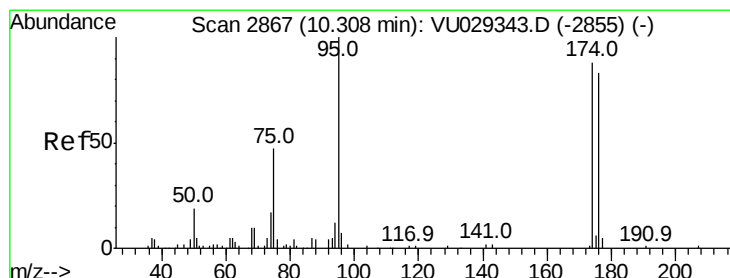
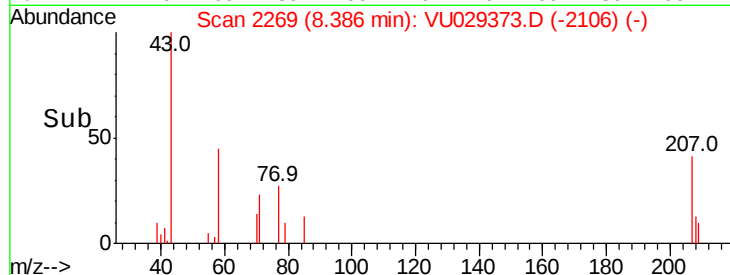
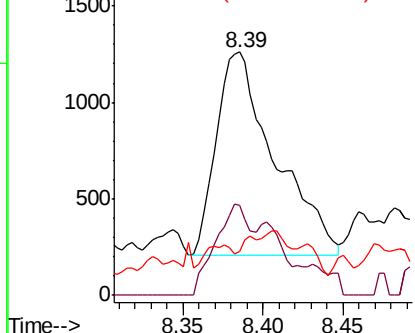
#54
2-Hexanone
Concen: 0.386 ug/l
RT: 8.39 min Scan# 2269
Delta R.T. 0.02 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
58 27.4 26.0 66.0
57 1.9 0.0 37.7

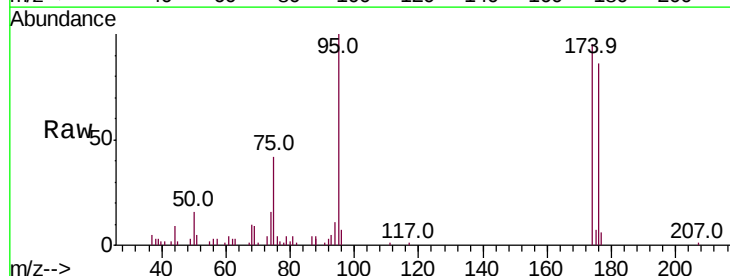


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

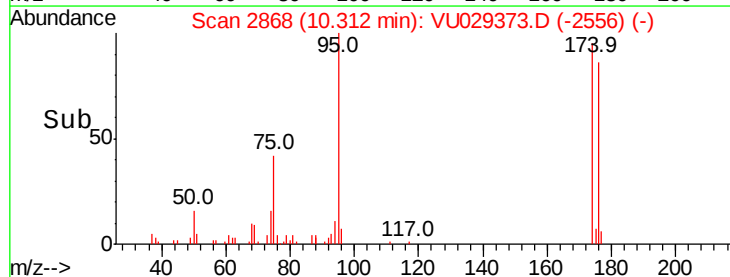
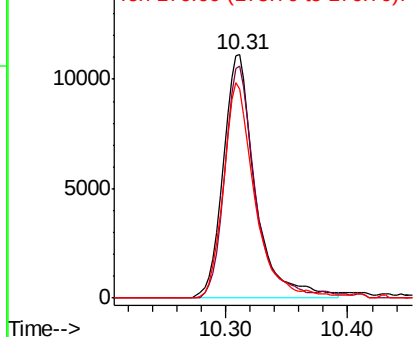


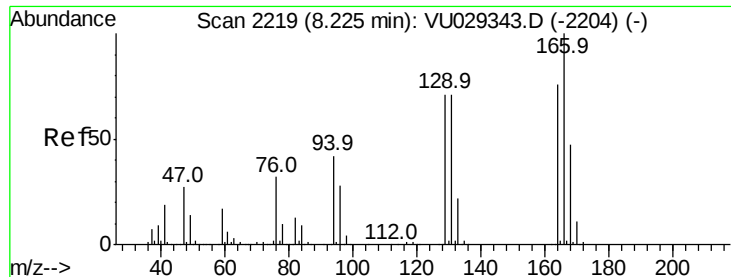
#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2868
Delta R.T. 0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 95 Resp: 20590
Ion Ratio Lower Upper
95 100
174 89.7 64.2 96.2
176 86.0 62.3 93.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

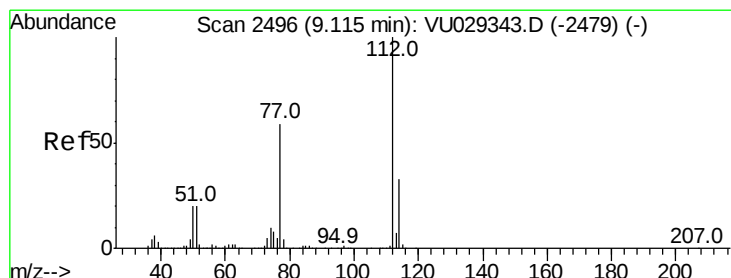
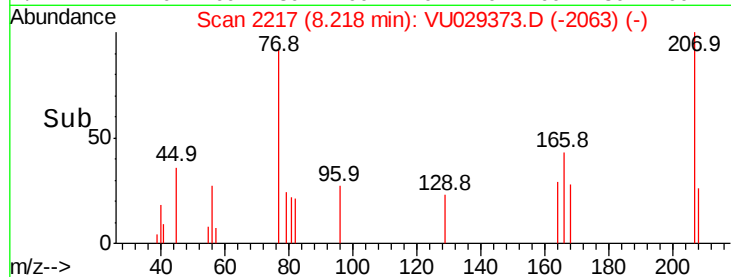
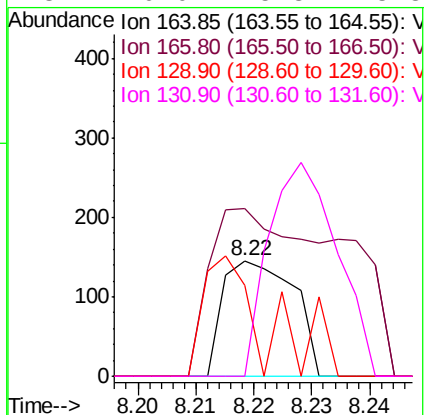
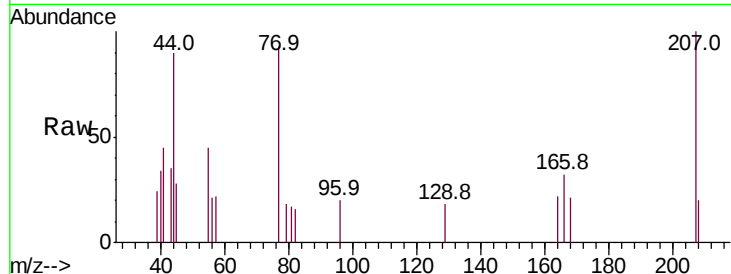




#58
Tetrachloroethene
Concen: 0.008 ug/l
RT: 8.22 min Scan# 2217
Delta R.T. -0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

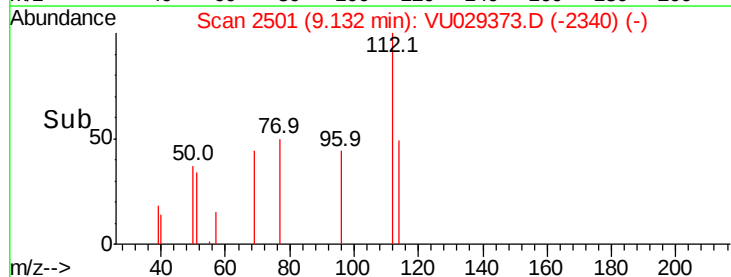
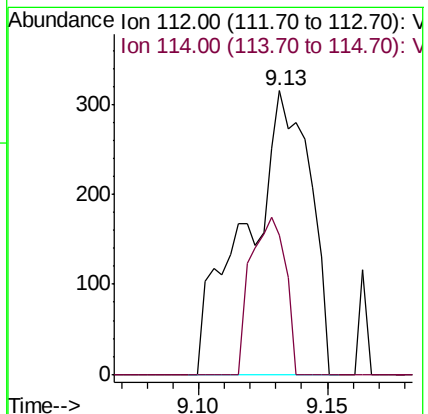
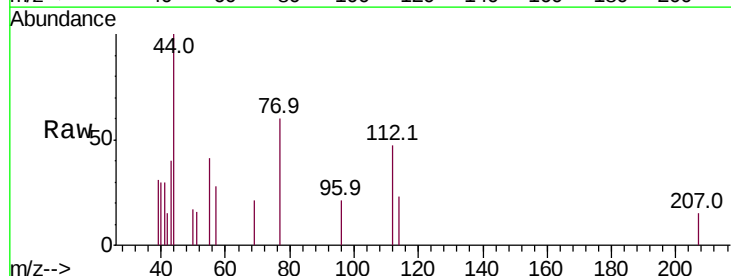
Instrument :
MSVOA_U
ClientSampleId :

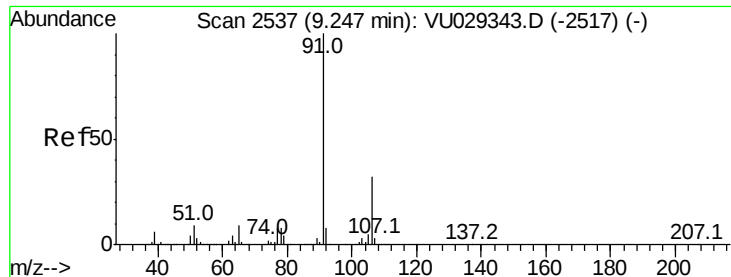
Tot Ion:164 Resp: 123
Ion Ratio Lower Upper
164 100
166 145.5 106.6 159.8
129 78.6 79.9 119.9#
131 0.0 75.8 113.8#



#59
Chlorobenzene
Concen: 0.012 ug/l
RT: 9.13 min Scan# 2501
Delta R.T. 0.02 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion:112 Resp: 544
Ion Ratio Lower Upper
112 100
114 49.2 26.2 39.4#





#63

Ethyl Benzene

Concen: 0.013 ug/l

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

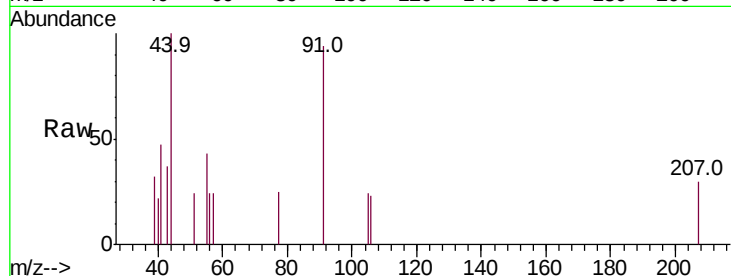
ClientSampleId :

Tot Ion: 91 Resp: 1022

Ion Ratio Lower Upper

91 100

106 24.2 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

9.25

600

500

400

300

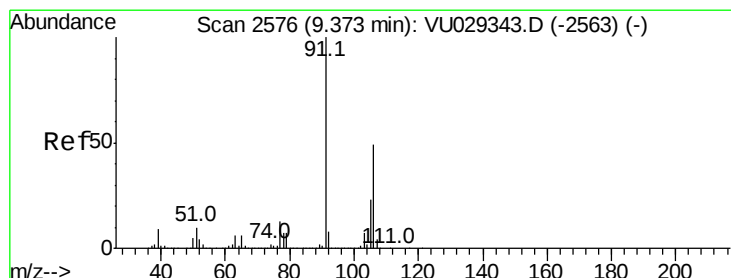
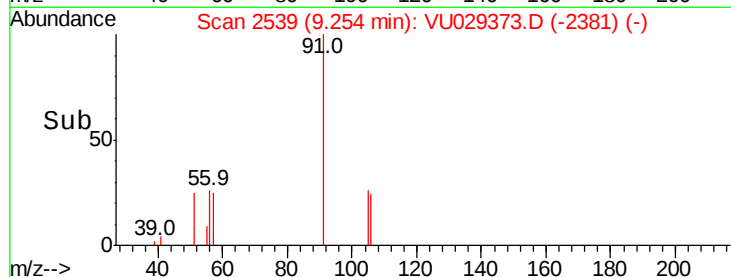
200

100

0

9.20 9.25 9.30

Time-->



#64

m/p-Xylenes

Concen: 0.014 ug/l

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU029373.D

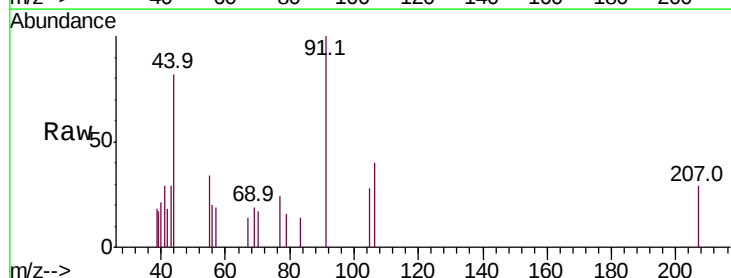
Acq: 08 Feb 2019 11:09

Tgt Ion: 106 Resp: 410

Ion Ratio Lower Upper

106 100

91 355.4 174.6 261.8#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

9.38

800

600

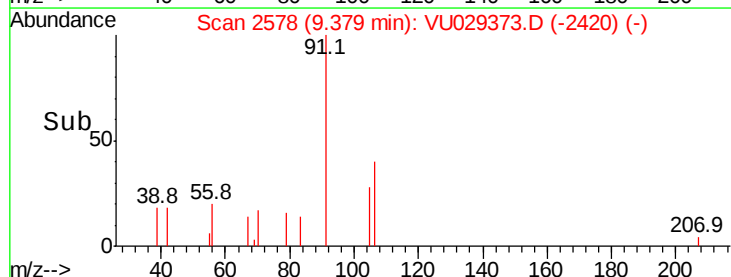
400

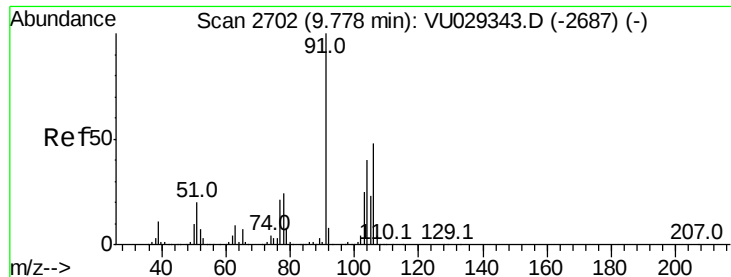
200

0

9.34 9.36 9.38 9.40

Time-->





#65

o-Xylene

Concen: 0.009 ug/l

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

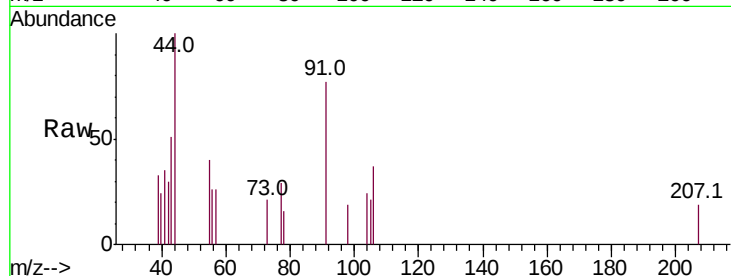
ClientSampled :

Tot Ion:106 Resp: 263

Ion Ratio Lower Upper

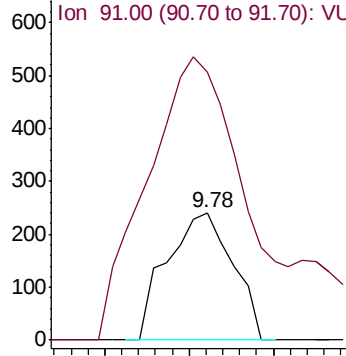
106 100

91 322.1 114.5 343.4

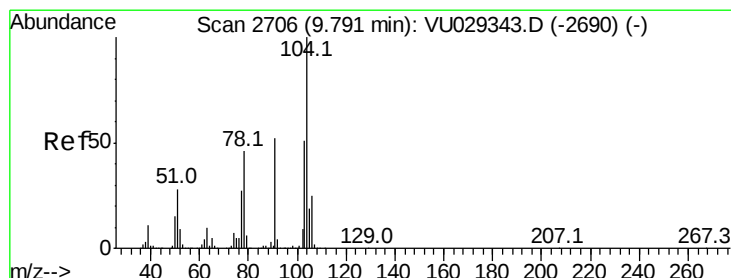
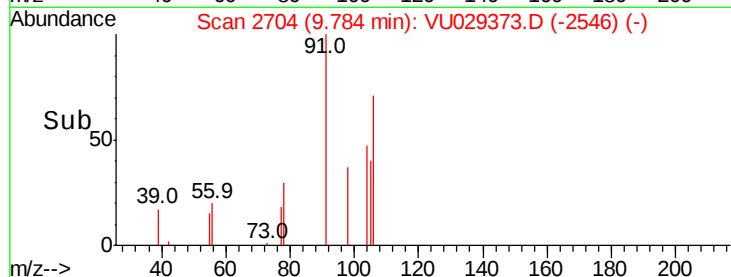


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#66

Styrene

Concen: 0.014 ug/l

RT: 9.81 min Scan# 2711

Delta R.T. 0.02 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

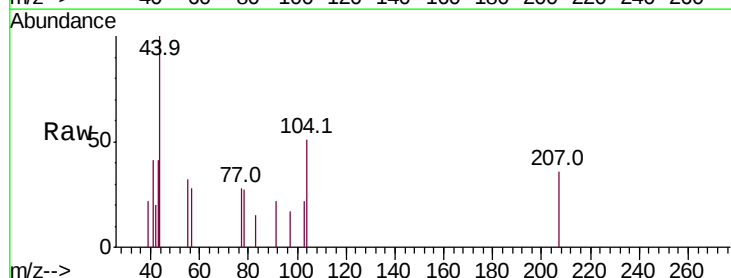
Tgt Ion:104 Resp: 681

Ion Ratio Lower Upper

104 100

78 14.0 46.5 69.7#

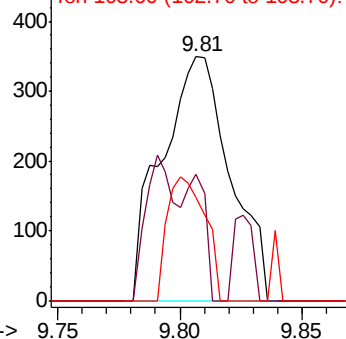
103 28.0 44.7 67.1#



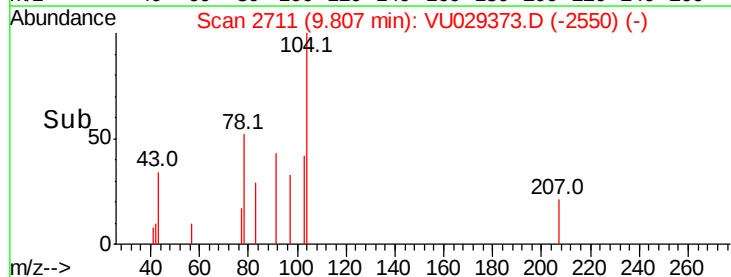
Abundance Ion 104.00 (103.70 to 104.70): V

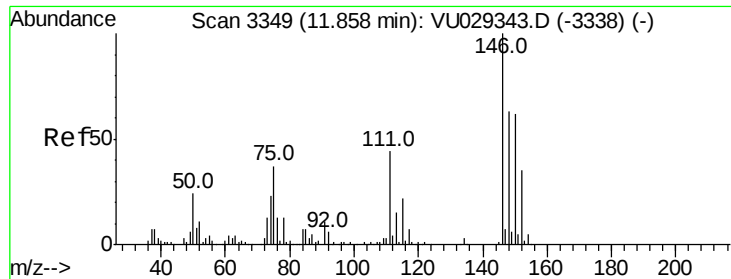
Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



Time-->





#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampled :

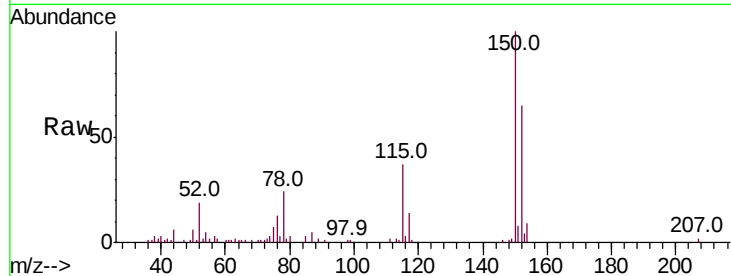
Tot Ion:152 Resp: 21057

Ion Ratio Lower Upper

152 100

115 61.2 0.0 133.4

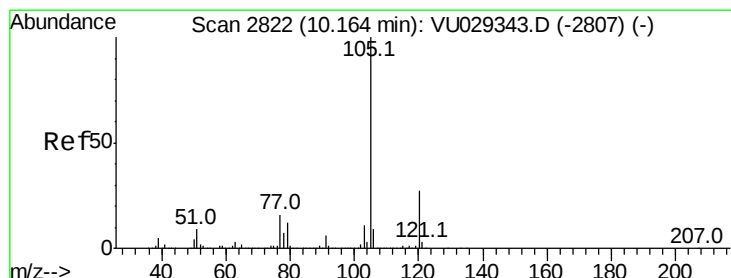
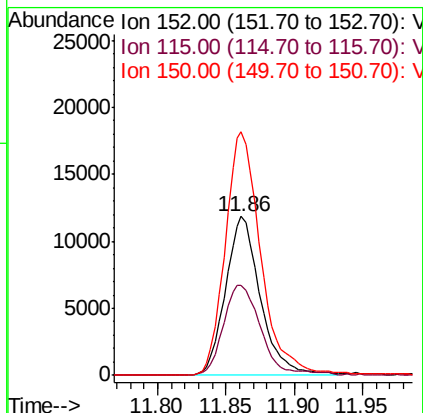
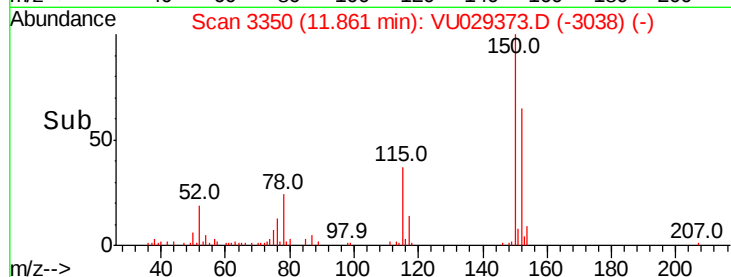
150 157.0 0.0 670.8



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: 0.011 ug/l

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU029373.D

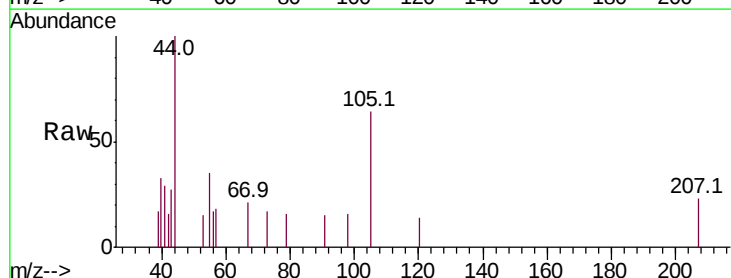
Acq: 08 Feb 2019 11:09

Tgt Ion:105 Resp: 839

Ion Ratio Lower Upper

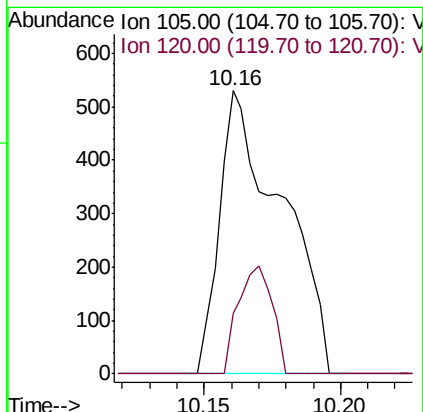
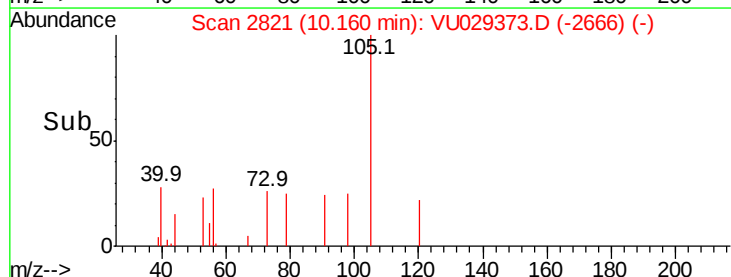
105 100

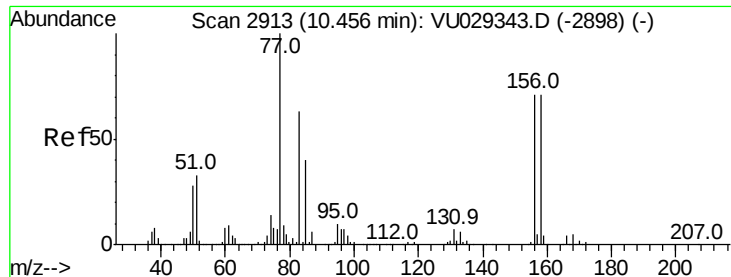
120 20.9 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 0.015 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampled :

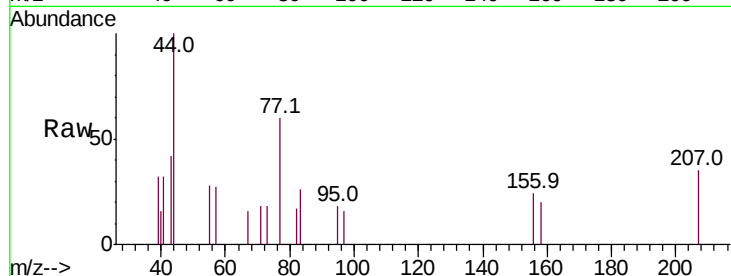
Tot Ion: 83 Resp: 208

Ion Ratio Lower Upper

83 100

131 0.0 8.1 12.1#

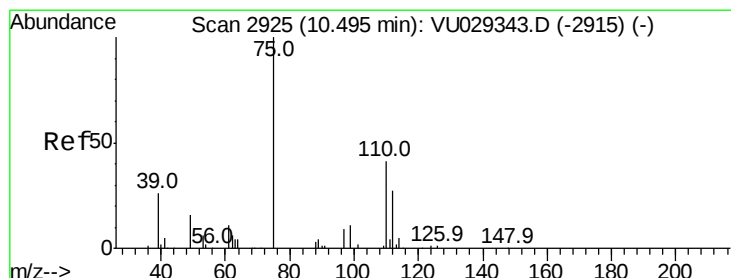
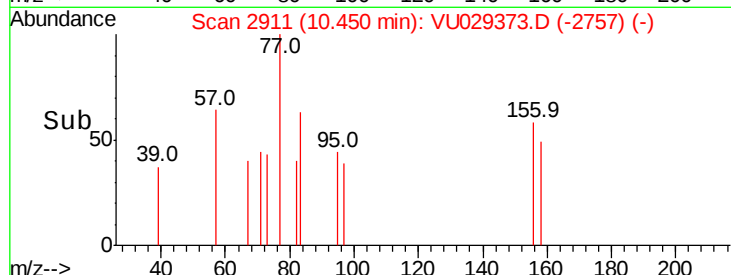
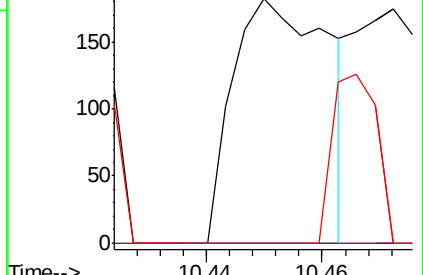
85 32.2 50.3 75.5#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0



#71

1,2,3-Trichloropropane

Concen: 0.982 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.19 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Tgt Ion: 75 Resp: 9639

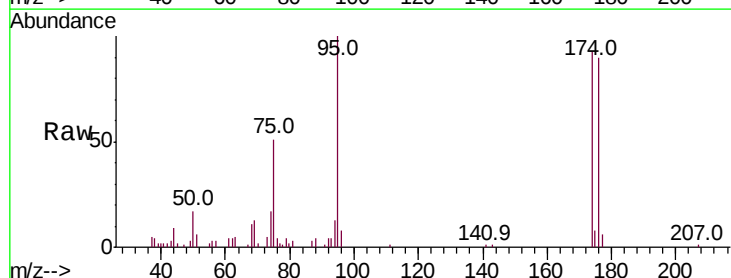
Ion Ratio Lower Upper

75 100

77 3.2 0.0 0.0#

110 0.0 0.0 63.6

97 0.0 0.0 31.4

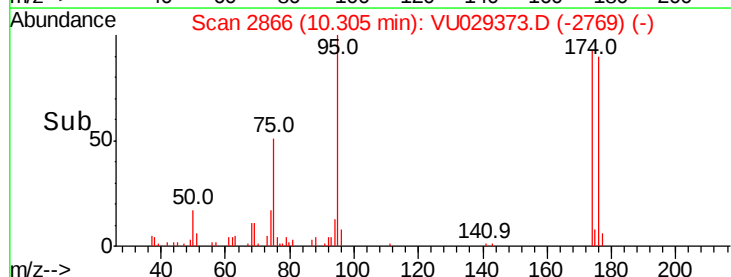
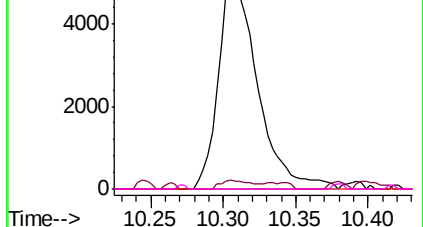


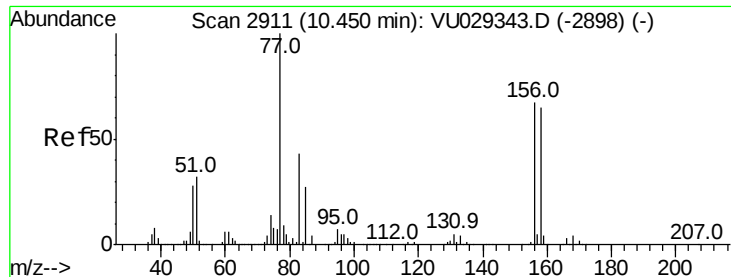
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0





#72

Bromobenzene

Concen: 0.022 ug/l

RT: 10.46 min Scan# 2915

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

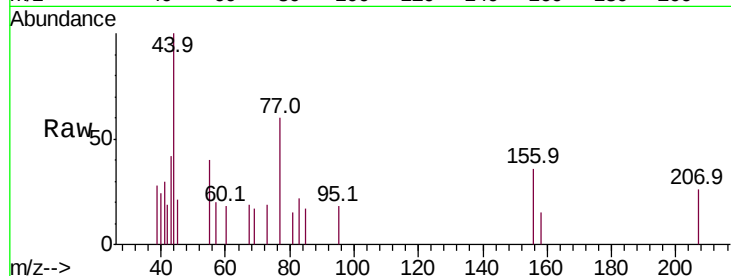
Tot Ion:156 Resp: 417

Ion Ratio Lower Upper

156 100

77 40.3 0.0 343.8

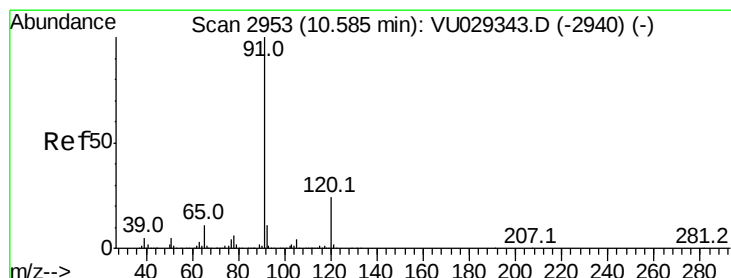
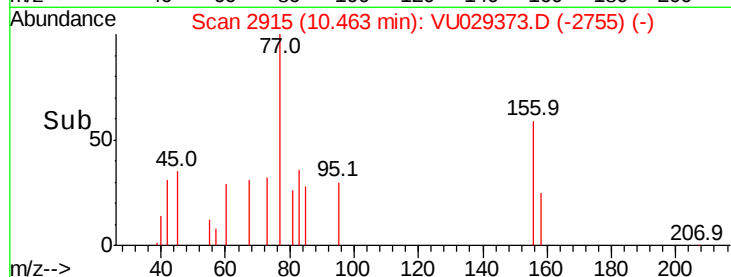
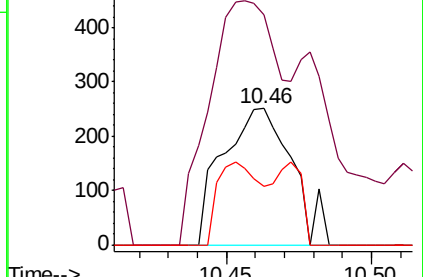
158 19.4 0.0 195.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 0.016 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU029373.D

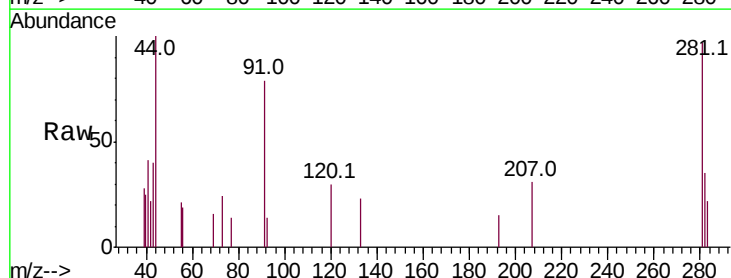
Acq: 08 Feb 2019 11:09

Tgt Ion:120 Resp: 355

Ion Ratio Lower Upper

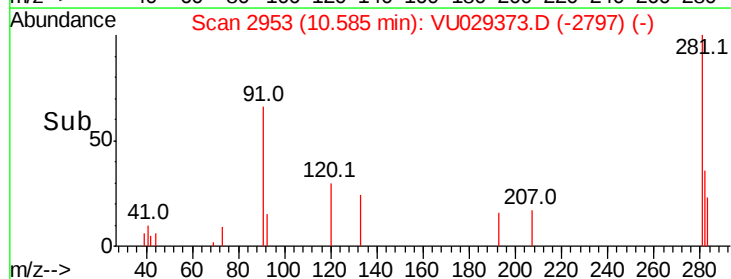
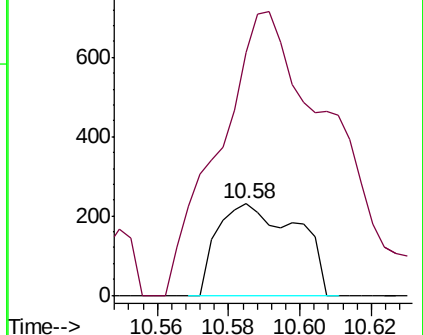
120 100

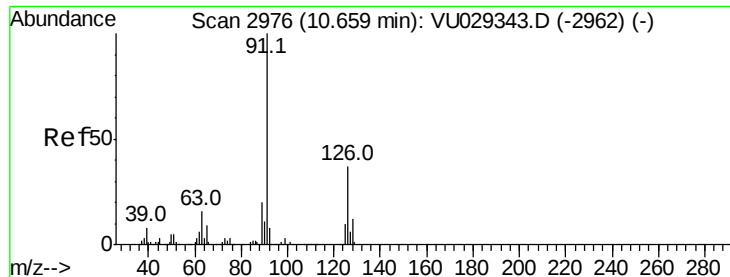
91 439.4 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 0.010 ug/l

RT: 10.66 min Scan# 2977

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

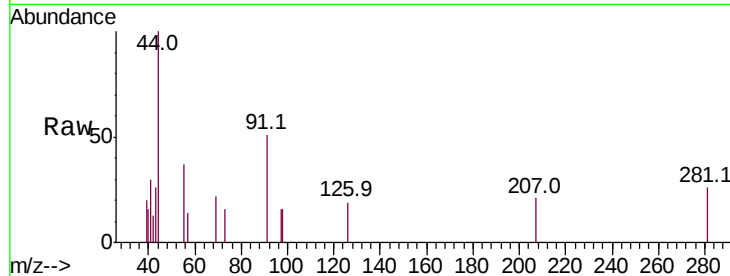
ClientSampleId :

Tot Ion:126 Resp: 184

Ion Ratio Lower Upper

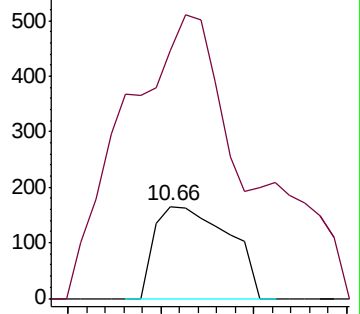
126 100

91 525.0 0.0 643.0

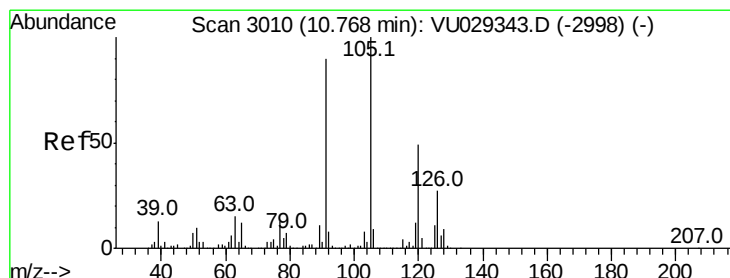
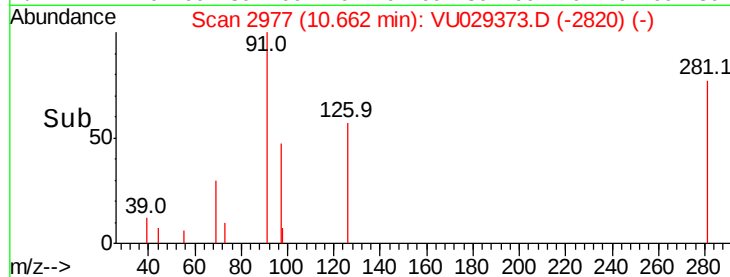


Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#75

1,3,5-Trimethylbenzene

Concen: 0.015 ug/l

RT: 10.78 min Scan# 3014

Delta R.T. 0.01 min

Lab File: VU029373.D

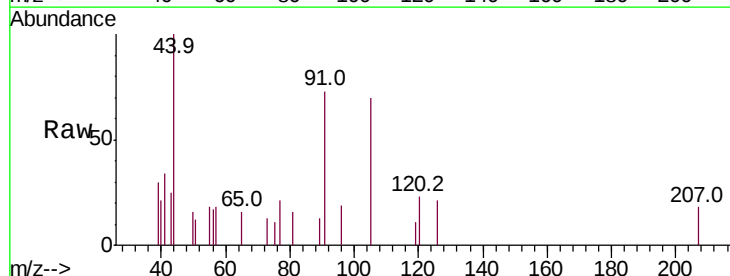
Acq: 08 Feb 2019 11:09

Tgt Ion:105 Resp: 1021

Ion Ratio Lower Upper

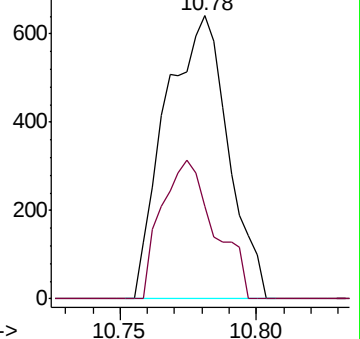
105 100

120 42.0 37.3 55.9

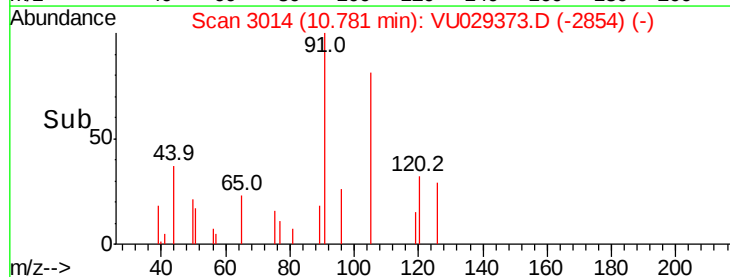


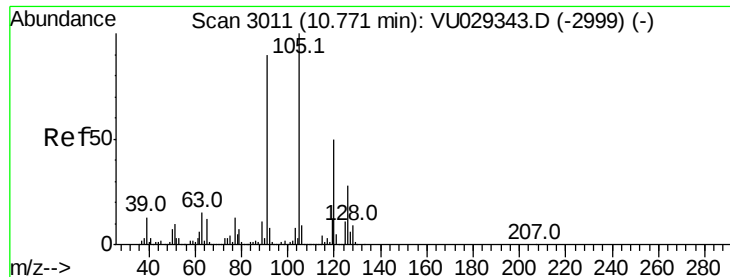
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#76

4-Chlorotoluene

Concen: 0.010 ug/l

RT: 10.66 min Scan# 2977

Delta R.T. -0.11 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

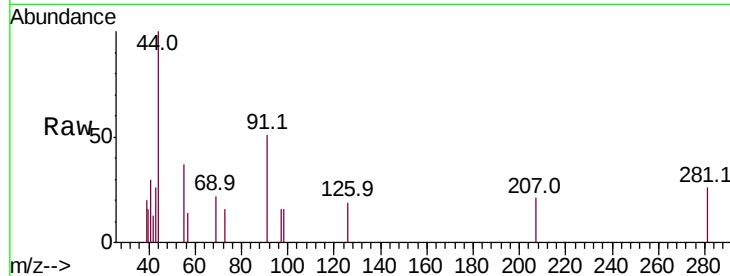
ClientSampleId :

Tot Ion:126 Resp: 184

Ion Ratio Lower Upper

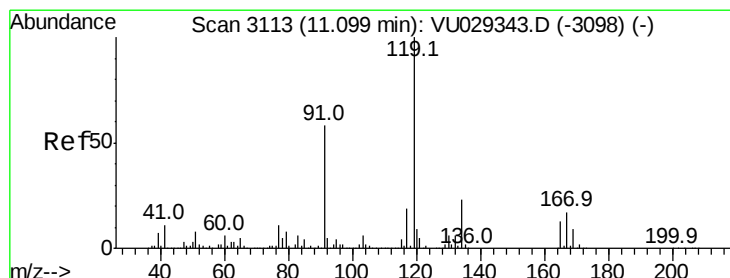
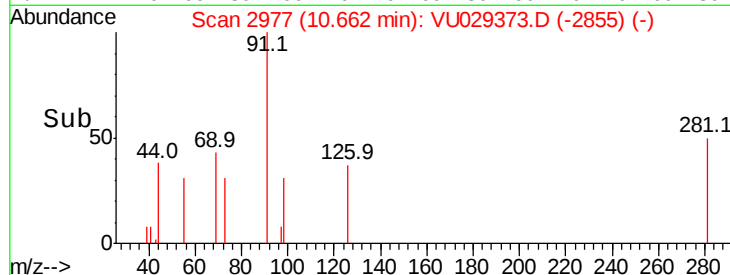
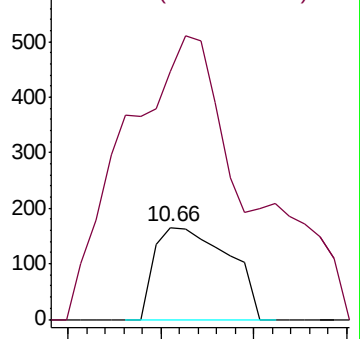
126 100

91 525.0 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 0.014 ug/l

RT: 11.10 min Scan# 3114

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

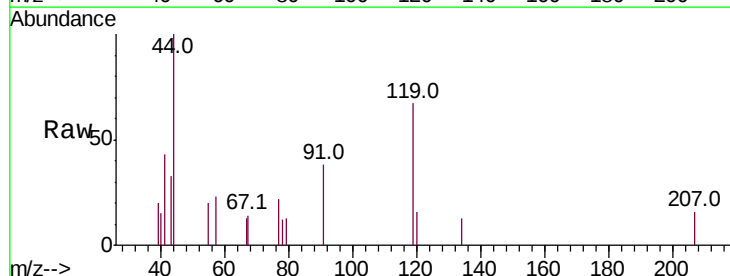
Tgt Ion:119 Resp: 912

Ion Ratio Lower Upper

119 100

91 85.3 32.2 96.6

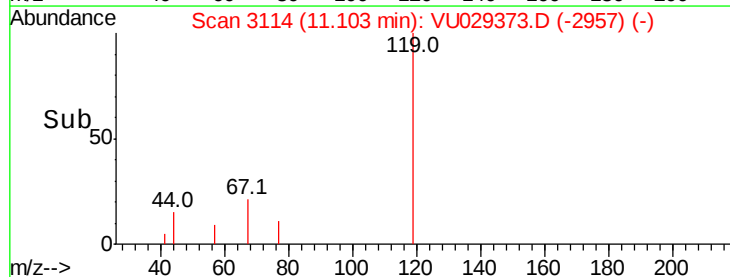
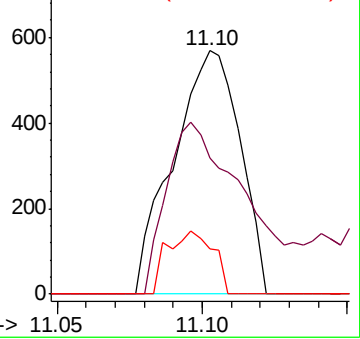
134 17.8 17.6 26.4

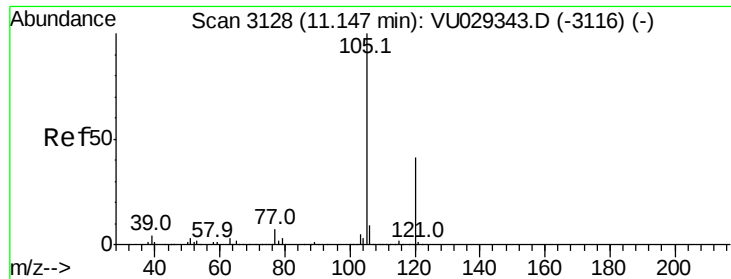


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

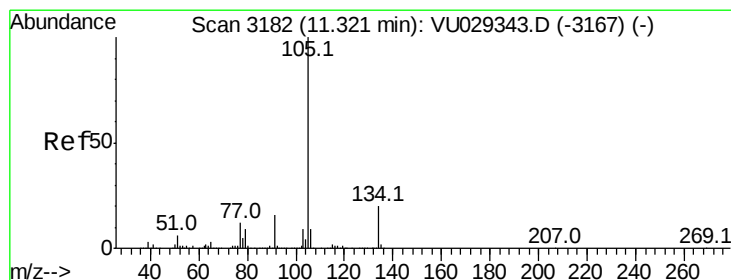
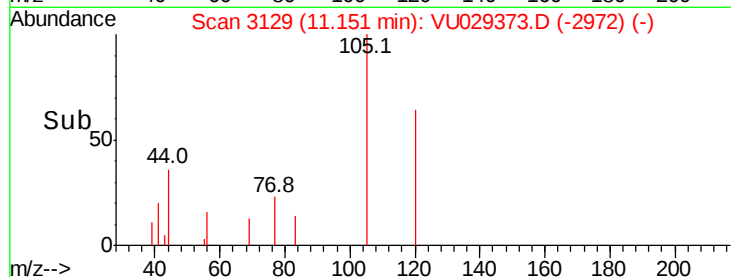
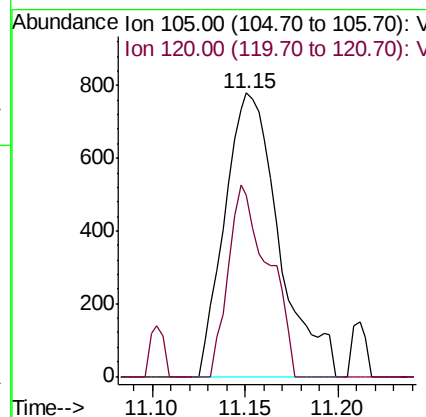
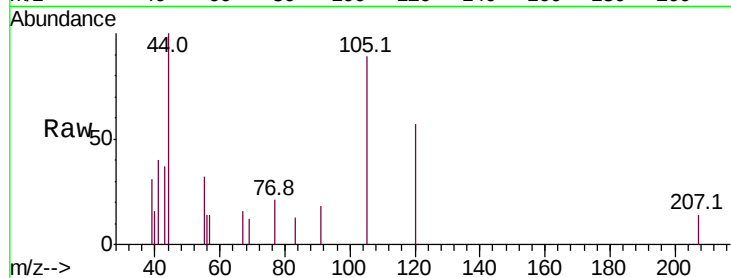




#78
 1,2,4-Trimethylbenzene
 Concen: 0.023 ug/l
 RT: 11.15 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

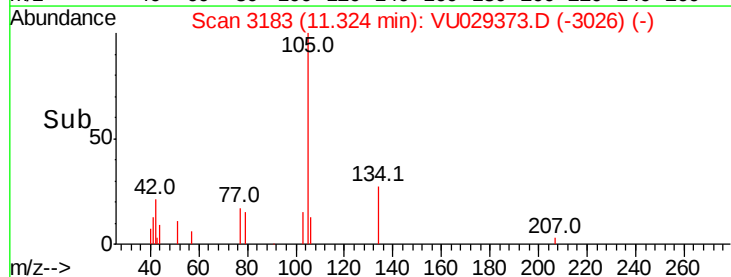
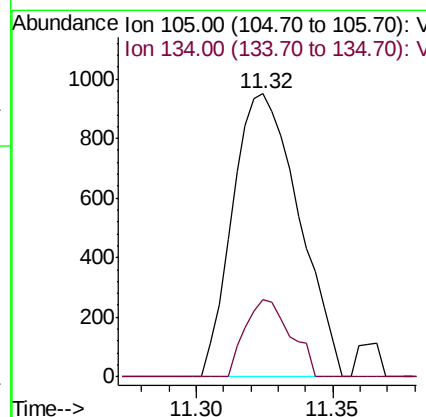
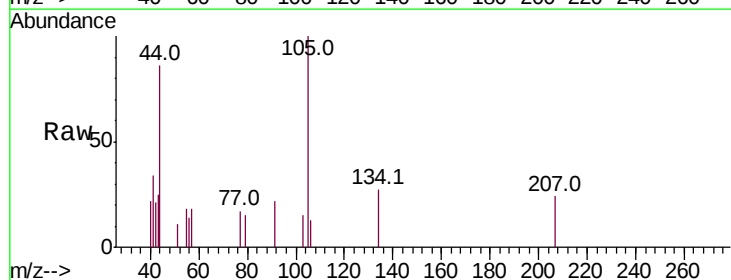
Instrument :
 MSVOA_U
 ClientSampleId :

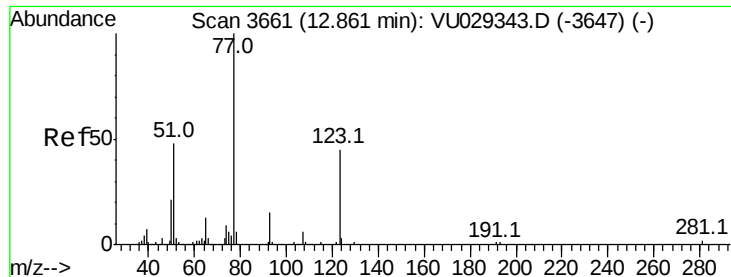
Tot Ion:105 Resp: 1585
 Ion Ratio Lower Upper
 105 100
 120 49.6 21.4 64.3



#79
 sec-Butylbenzene
 Concen: 0.019 ug/l
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

Tgt Ion:105 Resp: 1601
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.6





#80

Nitrobenzene

Concen: 0.273 ug/l

RT: 12.88 min Scan# 3667

Delta R.T. 0.02 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

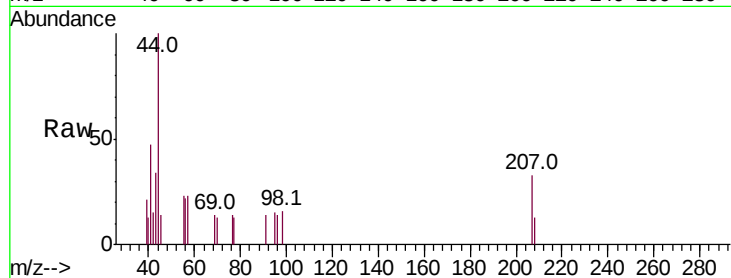
Tot Ion: 77 Resp: 174

Ion Ratio Lower Upper

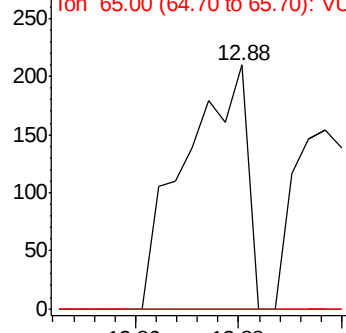
77 100

123 0.0 17.5 61.9#

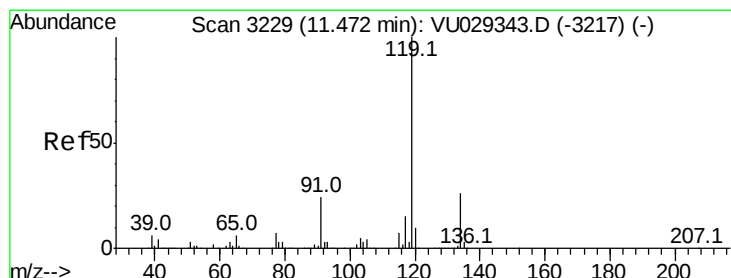
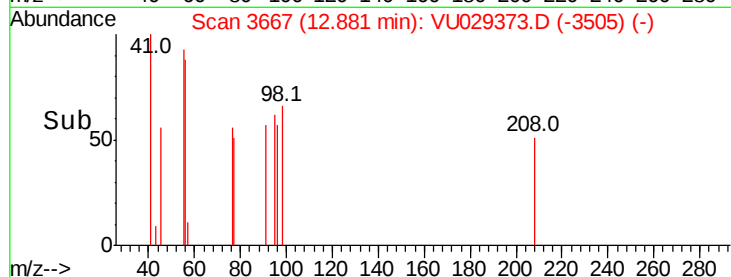
65 0.0 10.8 13.8#



Abundance Ion 77.00 (76.70 to 77.70): VU029343.D (-3647) (-)



Time-->



#81

p-Isopropyltoluene

Concen: 0.023 ug/l

RT: 11.48 min Scan# 3230

Delta R.T. 0.00 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

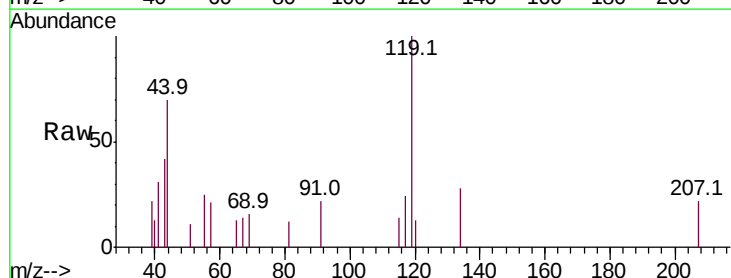
Tgt Ion: 119 Resp: 1685

Ion Ratio Lower Upper

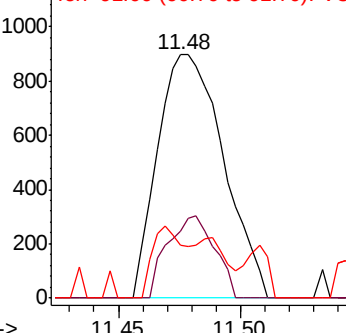
119 100

134 24.1 19.8 29.6

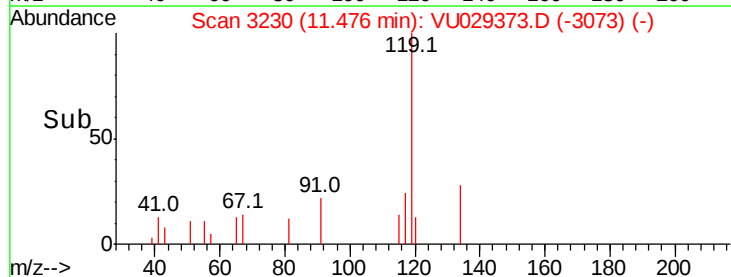
91 14.5 21.5 32.3#

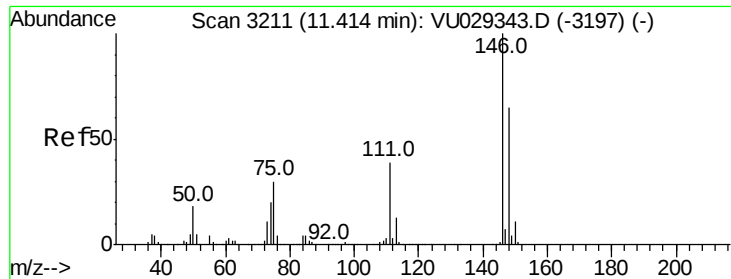


Abundance Ion 119.00 (118.70 to 119.70): VU029343.D (-3217) (-)



Time-->

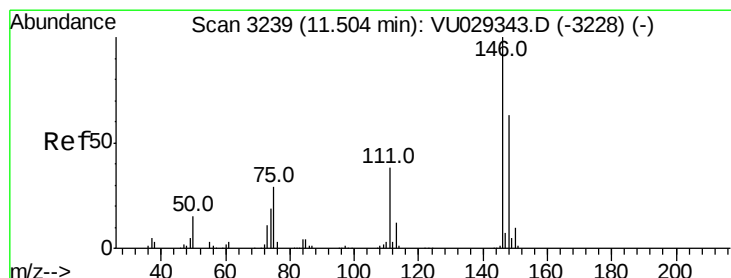
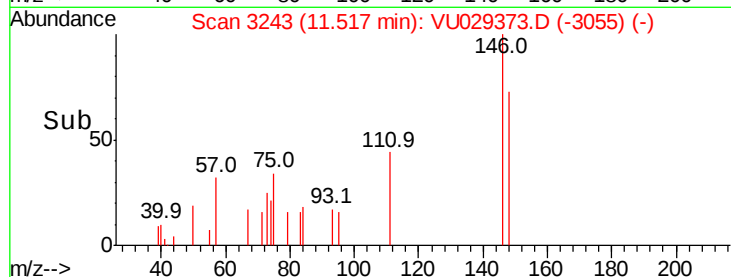
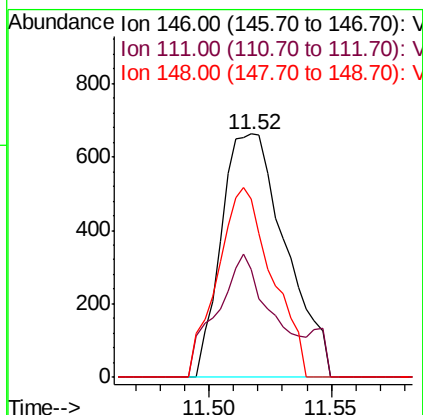
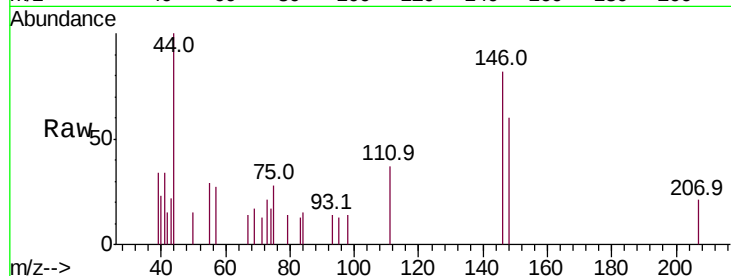




#82
 1,3-Dichlorobenzene
 Concen: 0.033 ug/l
 RT: 11.52 min Scan# 3243
 Delta R.T. 0.10 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

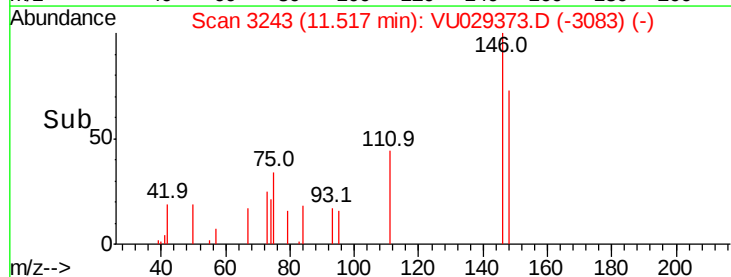
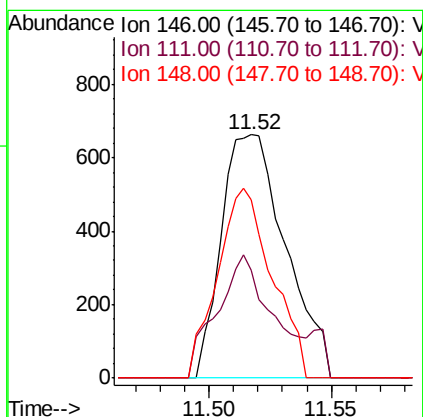
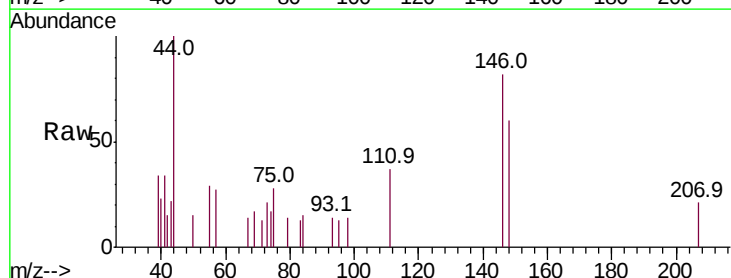
Instrument :
 MSVOA_U
 ClientSampleId :

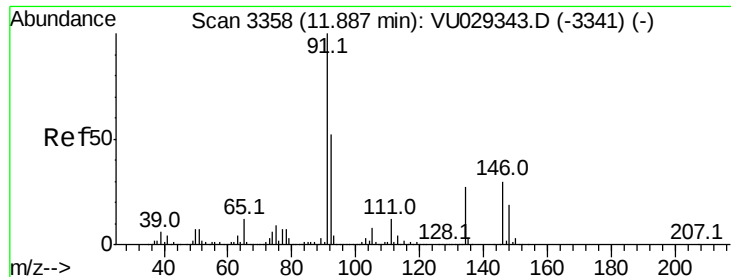
Tot Ion:146 Resp: 1213
 Ion Ratio Lower Upper
 146 100
 111 44.8 34.1 51.1
 148 66.1 52.3 78.5



#83
 1,4-Dichlorobenzene
 Concen: 0.033 ug/l
 RT: 11.52 min Scan# 3243
 Delta R.T. 0.01 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

Tgt Ion:146 Resp: 1213
 Ion Ratio Lower Upper
 146 100
 111 44.8 32.9 49.3
 148 66.1 51.8 77.6

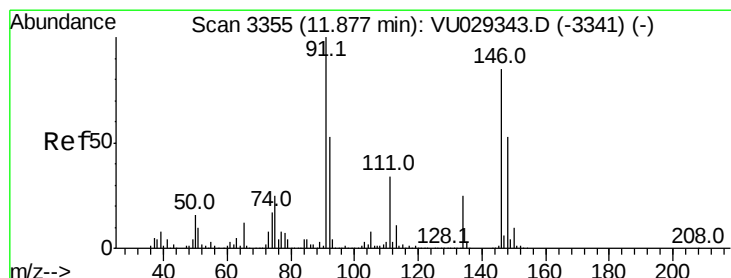
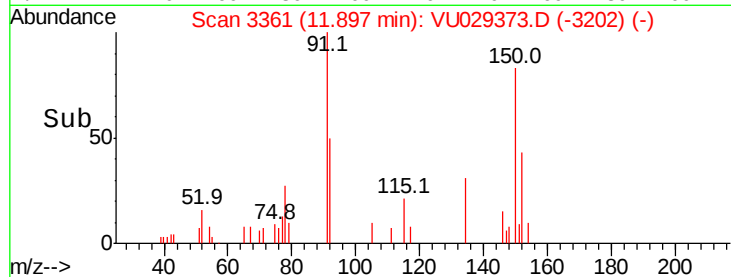
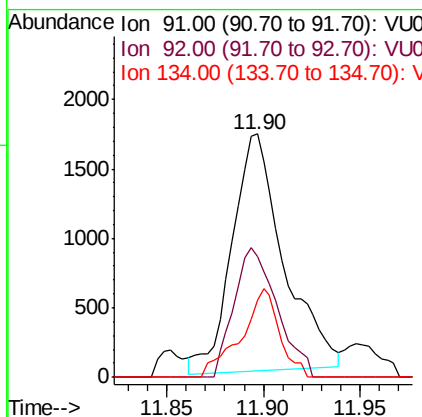
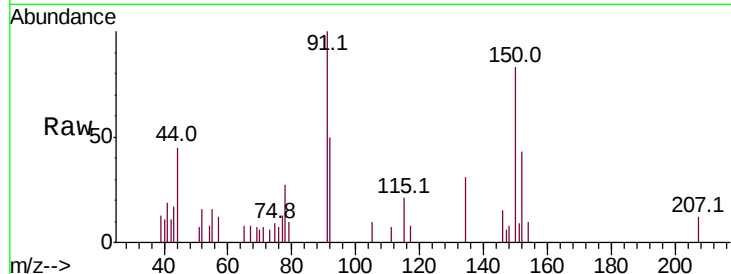




#84
n-Butylbenzene
Concen: 0.047 ug/l
RT: 11.90 min Scan# 3361
Delta R.T. 0.01 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

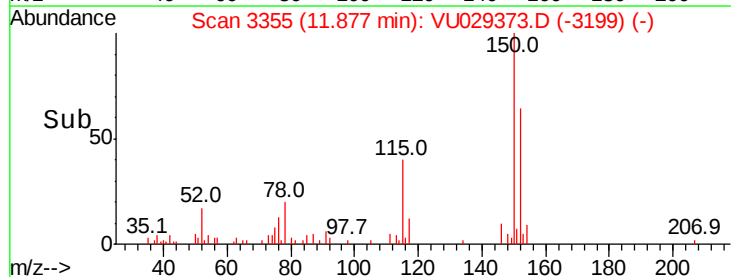
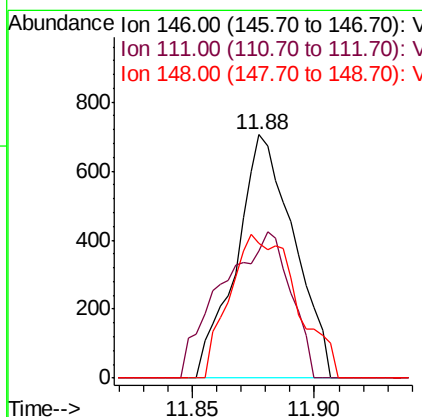
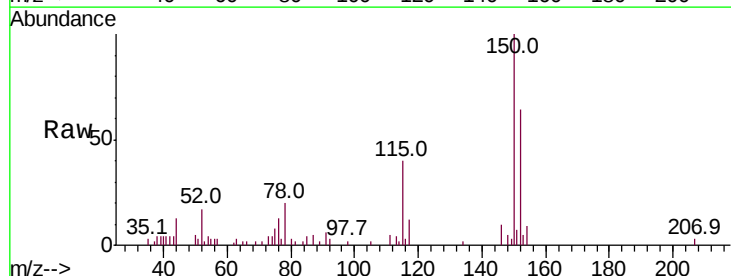
Instrument :
MSVOA_U
ClientSampleId :

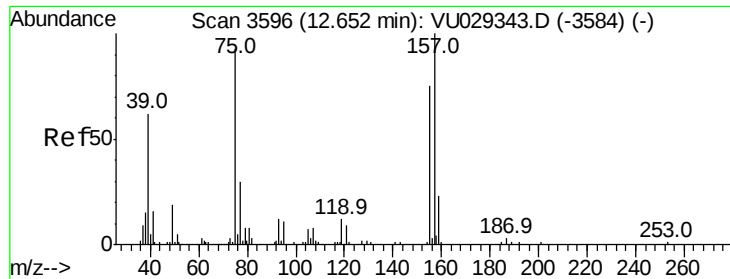
Tot Ion: 91 Resp: 3187
Ion Ratio Lower Upper
91 100
92 45.3 41.0 61.6
134 27.8 19.1 28.7



#85
1,2-Dichlorobenzene
Concen: 0.033 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU029373.D
Acq: 08 Feb 2019 11:09

Tgt Ion: 146 Resp: 1151
Ion Ratio Lower Upper
146 100
111 72.4 21.9 65.8#
148 69.0 31.8 95.3





#86

1,2-Dibromo-3-Chloropropane

Concen: 0.156 ug/l

RT: 12.48 min Scan# 3543

Delta R.T. -0.17 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampled :

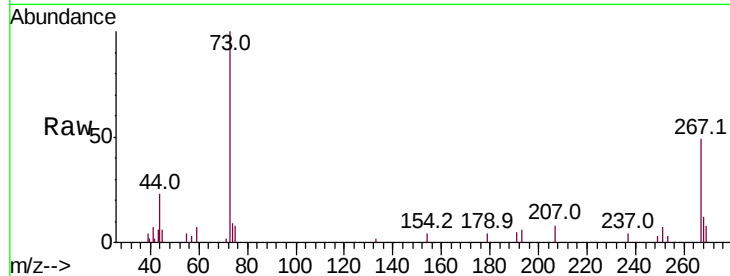
Tot Ion: 75 Resp: 416

Ion Ratio Lower Upper

75 100

155 0.0 53.8 80.8#

157 0.0 69.2 103.8#



Abundance Ion 75.00 (74.70 to 75.70): VU029373.D (-3584) (-)

Ion 155.00 (154.70 to 155.70): VU029373.D (-3584) (-)

Ion 157.00 (156.70 to 157.70): VU029373.D (-3584) (-)

12.48

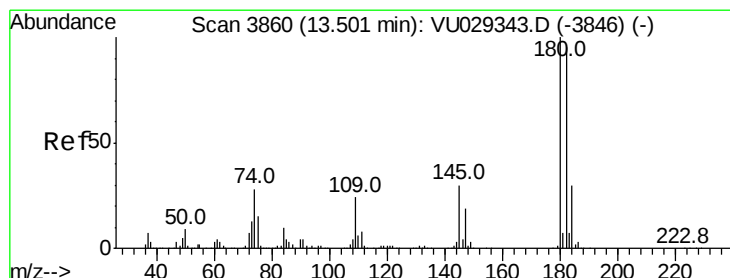
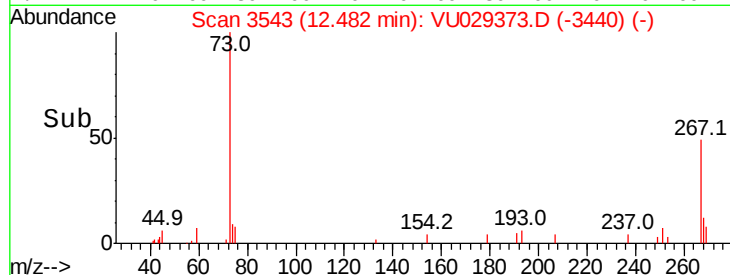
300

200

100

0

Time--> 12.44 12.46 12.48 12.50



#87

1,2,4-Trichlorobenzene

Concen: 0.082 ug/l

RT: 13.51 min Scan# 3863

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

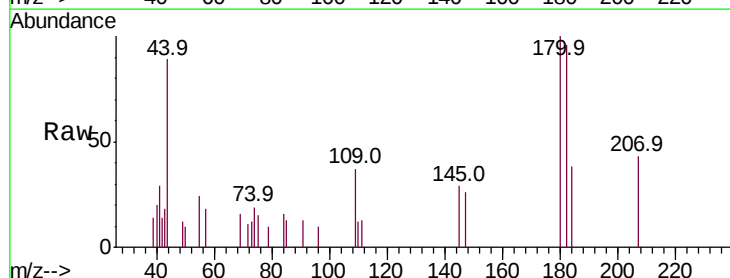
Tgt Ion: 180 Resp: 2019

Ion Ratio Lower Upper

180 100

182 100.6 76.6 114.8

145 20.2 24.6 36.8#



Abundance Ion 179.70 (179.40 to 180.40): VU029373.D (-3846) (-)

Ion 181.80 (181.50 to 182.50): VU029373.D (-3846) (-)

Ion 144.80 (144.50 to 145.50): VU029373.D (-3846) (-)

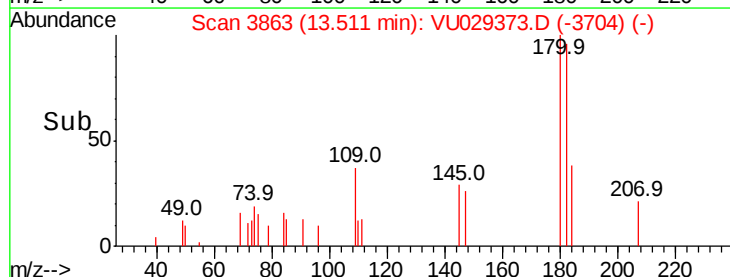
13.51

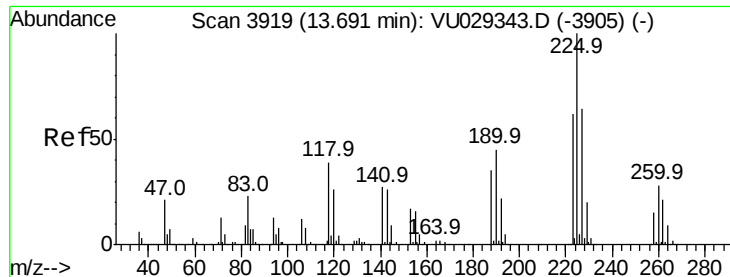
1000

500

0

Time--> 13.50 13.51 13.52 13.53 13.54 13.55

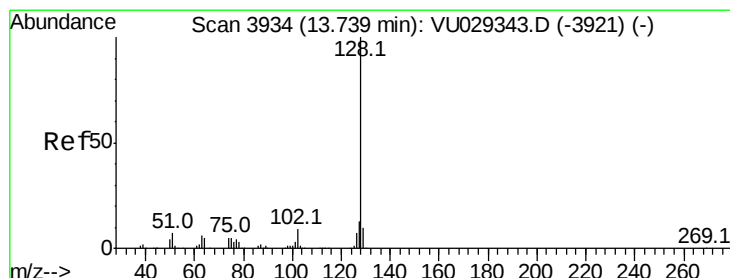
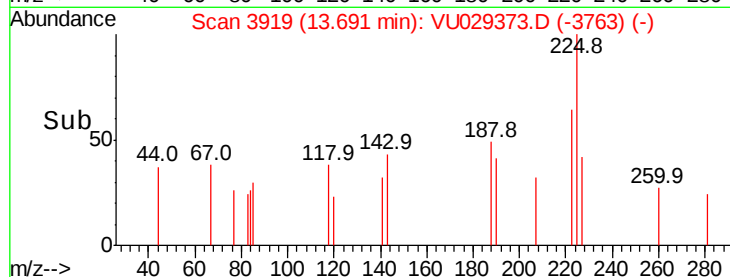
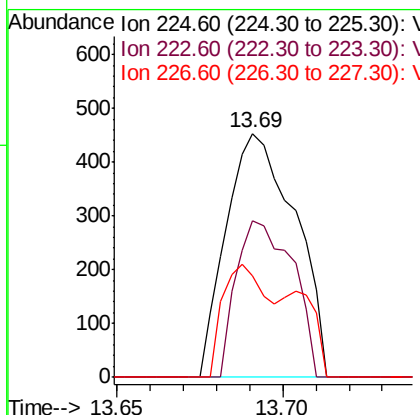
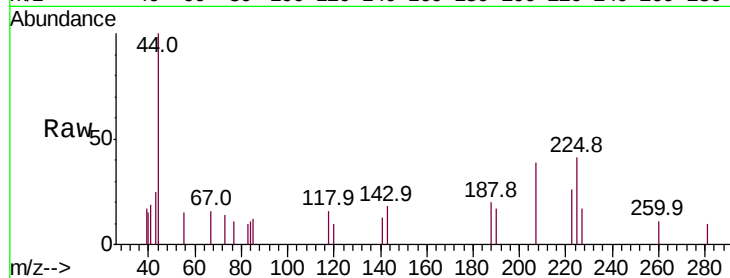




#88
 Hexachlorobutadiene
 Concen: 0.046 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

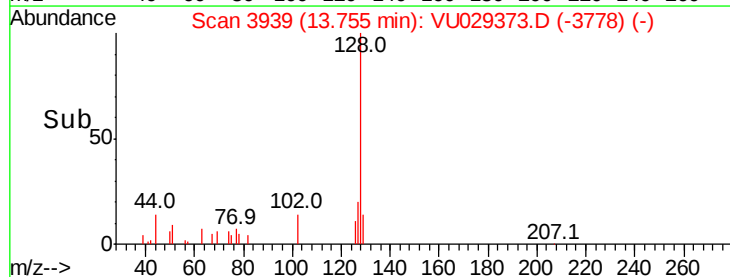
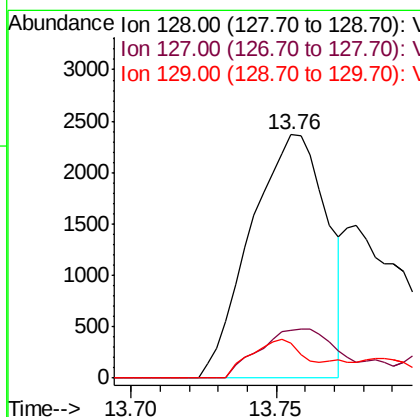
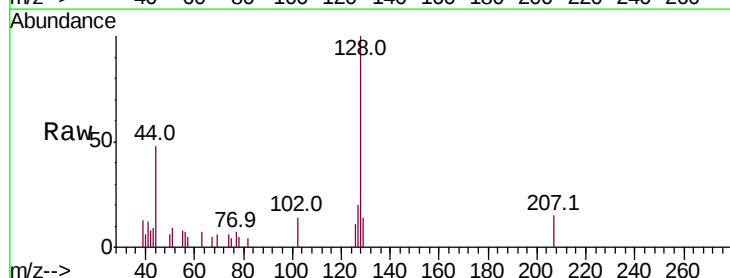
Instrument :
 MSVOA_U
 ClientSampleId :

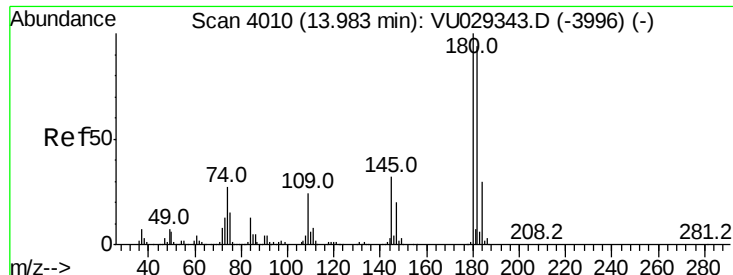
Tot Ion	Ratio	Lower	Upper
225	100		
223	52.4	49.5	74.3
227	29.9	50.4	75.6



#89
 Naphthalene
 Concen: 0.104 ug/l
 RT: 13.76 min Scan# 3939
 Delta R.T. 0.02 min
 Lab File: VU029373.D
 Acq: 08 Feb 2019 11:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	23.0	10.7	16.1
129	11.3	8.2	12.4





#90

1,2,3-Trichlorobenzene

Concen: 0.116 ug/l

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU029373.D

Acq: 08 Feb 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

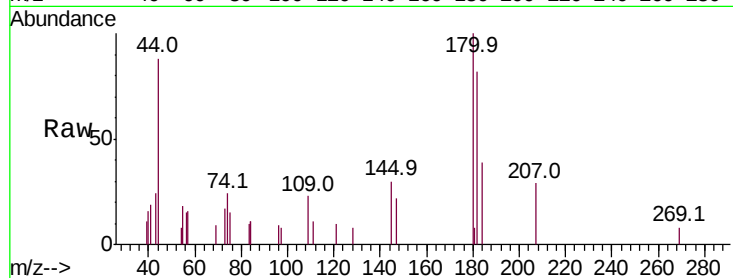
Tot Ion:180 Resp: 2591

Ion Ratio Lower Upper

180 100

182 100.8 78.0 117.0

145 26.1 26.6 39.8#



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

