

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
 Data File : VU029361.D
 Acq On : 06 Feb 2019 14:41
 Operator : JC/SP
 Sample : VU0206WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

Quant Time: Feb 08 12:09:24 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	50944	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	20111	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21295	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	36923	1.942 ug/l	100
3) Chloromethane	1.33	50	32232	1.855 ug/l	98
4) Vinyl Chloride	1.40	62	38973	1.914 ug/l	100
5) Bromomethane	1.63	94	26631	2.351 ug/l	97
6) Chloroethane	1.70	64	23797	2.000 ug/l	96
7) Trichlorofluoromethane	1.88	101	60193	2.116 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32734	2.180 ug/l	90
9) 1,1-Dichloroethene	2.28	96	30653	2.086 ug/l	72
10) Iodomethane	2.41	142	33808	1.791 ug/l #	77
11) Allyl Chloride	2.59	41	46944	1.905 ug/l	92
12) Acrylonitrile	2.94	53	12438	3.776 ug/l	96
13) Acetone	2.32	43	31449	9.907 ug/l #	83
14) Carbon Disulfide	2.48	76	104032	2.005 ug/l	100
15) Methylene Chloride	2.70	84	33963	1.906 ug/l #	80
16) trans-1,2-Dichloroethene	2.98	96	34387	2.092 ug/l #	74
17) 1,1-Dichloroethane	3.44	63	60647	2.329 ug/l	97
18) 2-Butanone	4.28	43	32048	9.033 ug/l	98
19) Cyclohexane	4.99	56	39158	1.622 ug/l	89
20) Methylcyclohexane	6.41	83	51066	2.014 ug/l #	84
21) 2,2-Dichloropropane	4.22	77	50378	2.090 ug/l #	90
22) cis-1,2-Dichloroethene	4.22	96	32579	2.104 ug/l	76
23) Diethyl Ether	2.10	59	22619	1.917 ug/l	87
24) tert-Butyl Alcohol	2.83	59	25079	20.449 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	81766	1.976 ug/l #	87
26) Bromochloromethane	4.55	128	14641	2.141 ug/l	69
27) Chloroform	4.67	83	50496	1.994 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	47869	2.039 ug/l	95
29) 1,1-Dichloropropene	5.13	75	40809	2.002 ug/l	91
30) Carbon Tetrachloride	5.13	117	44813	2.109 ug/l	96
31) Isopropyl Ether	3.57	45	74459	1.895 ug/l	88
32) Ethyl-t-butyl ether	4.07	59	76675	1.947 ug/l	90
33) Tert-Amyl methyl ether	5.58	73	72936	2.048 ug/l	98
34) Propionitrile	4.33	54	8087	8.671 ug/l #	89
35) Benzene	5.39	78	113733	2.018 ug/l	99
36) 1,2-Dichloroethane	5.41	62	33310	1.954 ug/l #	84
37) Trichloroethene	6.18	130	34306	2.121 ug/l	81
38) 1,2-Dichloropropane	6.43	63	28459	1.941 ug/l	100
39) Methacrylonitrile	4.55	41	8067	1.689 ug/l #	82
40) Methyl acrylate	4.43	55	12482	1.731 ug/l #	84
41) Tetrahydrofuran	4.65	42	9772	4.062 ug/l #	83
42) 1-Chlorobutane	5.06	56	50849	1.862 ug/l	89

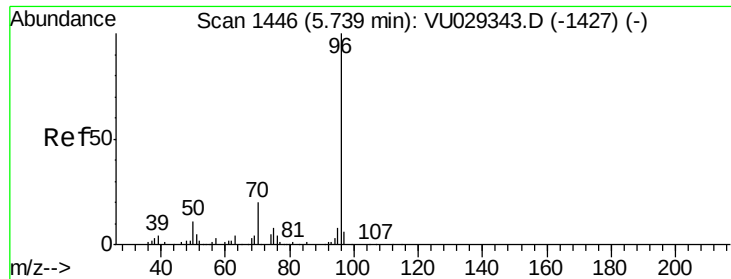
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020619\
 Data File : VU029361.D
 Acq On : 06 Feb 2019 14:41
 Operator : JC/SP
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Quant Time: Feb 08 12:09:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 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)
43) Dibromomethane	6.56	93	15245	1.951	ug/l #	87
44) Bromodichloromethane	6.76	83	40106	2.015	ug/l	93
45) 4-Methyl-2-Pentanone	7.46	43	85515	9.338	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.49	75	16962	3.802	ug/l #	80
47) Methyl methacrylate	6.63	69	27449	3.993	ug/l #	76
48) Ethyl methacrylate	8.02	69	28642	1.942	ug/l	80
49) Toluene	7.63	92	72329	2.006	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	37144	1.904	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	45506	1.963	ug/l #	85
52) 1,1,2-Trichloroethane	8.07	97	21428	2.072	ug/l	99
53) 1,3-Dichloropropane	8.24	76	35223	1.939	ug/l	99
54) 2-Hexanone	8.37	43	60888	9.485	ug/l	87
55) Dibromochloromethane	8.48	129	30445	2.071	ug/l	99
56) 1,2-Dibromoethane	8.59	107	21565	2.032	ug/l	99
58) Tetrachloroethene	8.22	164	32244	2.143	ug/l	93
59) Chlorobenzene	9.12	112	86409	2.127	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	32382	2.157	ug/l	98
61) Pentachloroethane	11.10	117	23842	2.049	ug/l	88
62) Hexachloroethane	12.14	117	26244	2.067	ug/l	99
63) Ethyl Benzene	9.25	91	142600	2.021	ug/l	97
64) m/p-Xylenes	9.37	106	111919	4.082	ug/l	87
65) o-Xylene	9.78	106	54219	2.015	ug/l	91
66) Styrene	9.79	104	92397	2.060	ug/l	93
67) Bromoform	9.96	173	18983	2.076	ug/l	98
69) Isopropylbenzene	10.16	105	148423	2.064	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.46	83	26477	1.997	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	16962	1.863	ug/l #	79
72) Bromobenzene	10.45	156	37643	2.160	ug/l	83
73) n-propylbenzene	10.58	120	42317	2.113	ug/l	77
74) 2-Chlorotoluene	10.66	126	36252	2.126	ug/l	77
75) 1,3,5-Trimethylbenzene	10.77	105	123364	1.990	ug/l	94
76) 4-Chlorotoluene	10.77	126	37581	2.123	ug/l	71
77) tert-Butylbenzene	11.10	119	128057	2.090	ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	126954	2.023	ug/l	94
79) sec-Butylbenzene	11.32	105	162843	2.031	ug/l	94
80) Nitrobenzene	12.87	77	3779	6.398	ug/l	93
81) p-Isopropyltoluene	11.47	119	138628	2.040	ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	72569	2.122	ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	72168	2.119	ug/l	96
84) n-Butylbenzene	11.89	91	124401	1.995	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	67609	2.091	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4685	1.894	ug/l #	64
87) 1,2,4-Trichlorobenzene	13.50	180	50753	2.235	ug/l	98
88) Hexachlorobutadiene	13.69	225	31920	2.427	ug/l	99
89) Naphthalene	13.74	128	81729	2.122	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	46510	2.241	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 96 Resp: 50944

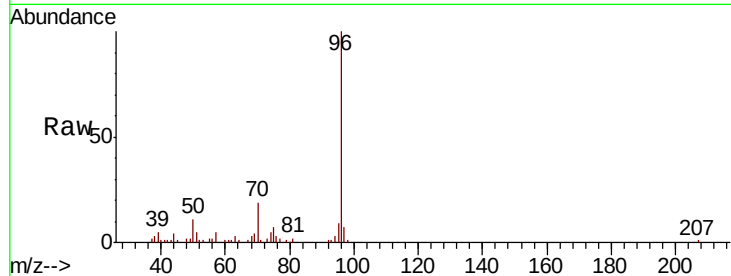
Ion Ratio Lower Upper

96 100

70 20.3 16.2 24.2

95 9.8 7.4 11.2

97 6.2 0.0 0.0#

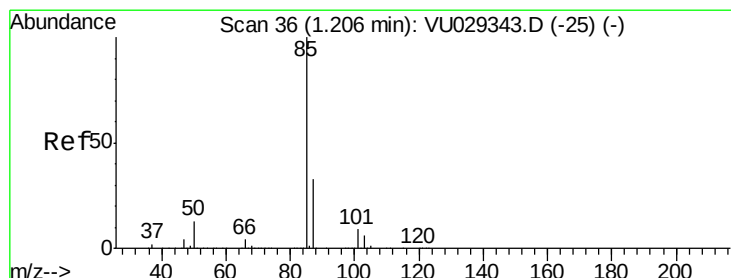
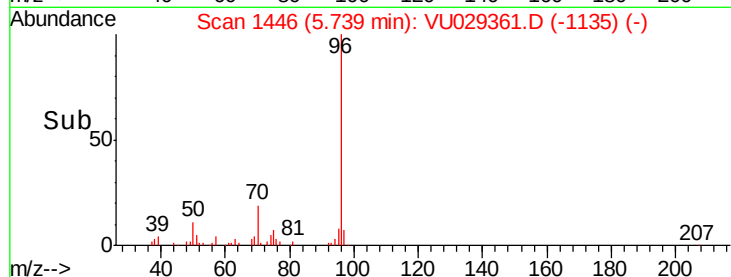
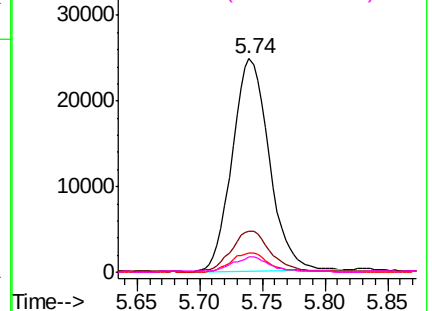


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.942 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029361.D

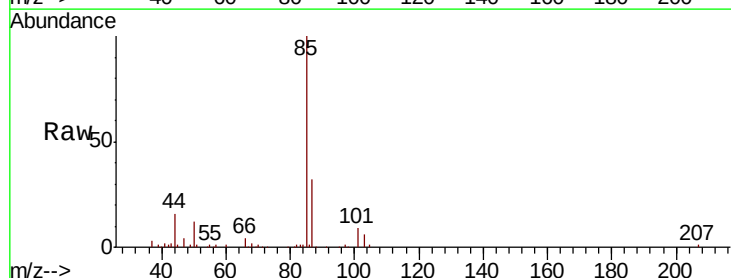
Acq: 06 Feb 2019 14:41

Tgt Ion: 85 Resp: 36923

Ion Ratio Lower Upper

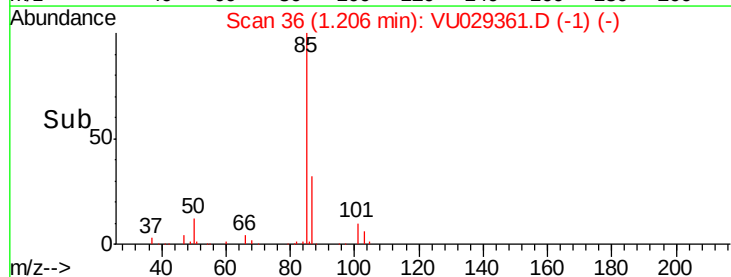
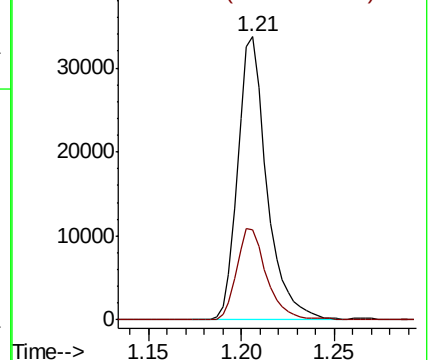
85 100

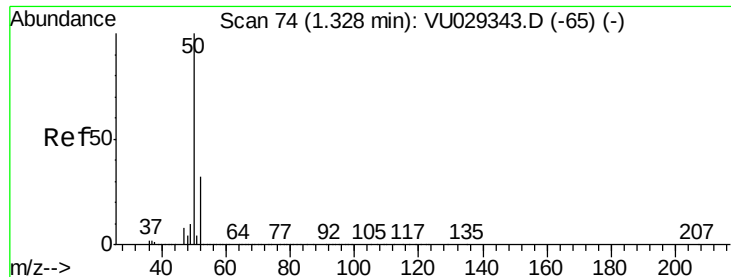
87 32.0 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.855 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

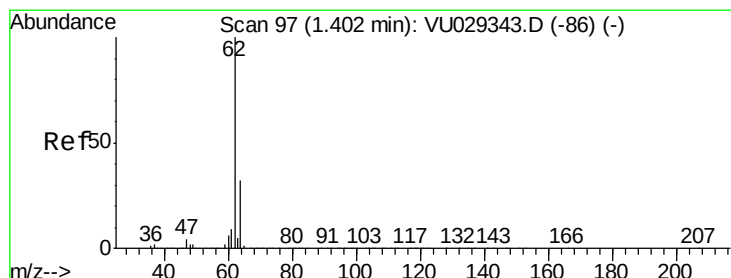
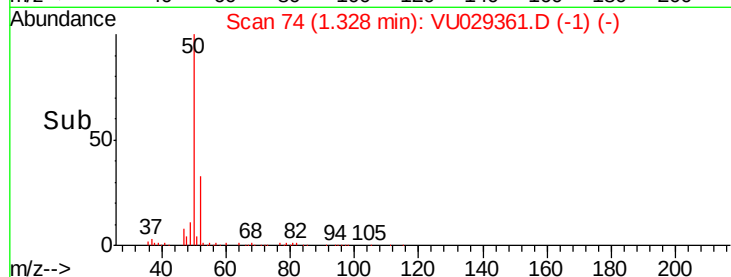
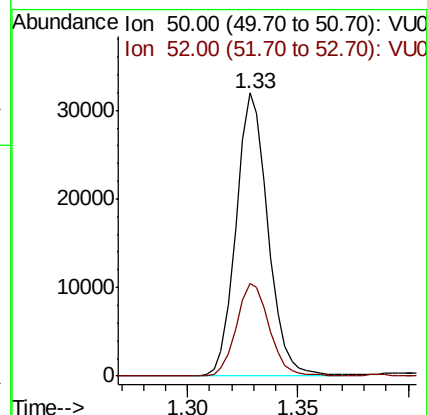
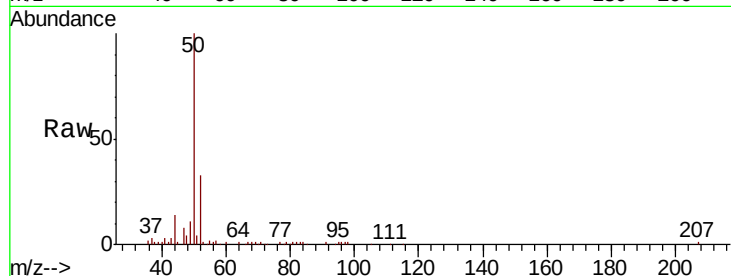
VU0206WBSD01

Tgt Ion: 50 Resp: 32232

Ion Ratio Lower Upper

50 100

52 32.7 27.3 40.9



#4

Vinyl Chloride

Concen: 1.914 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029361.D

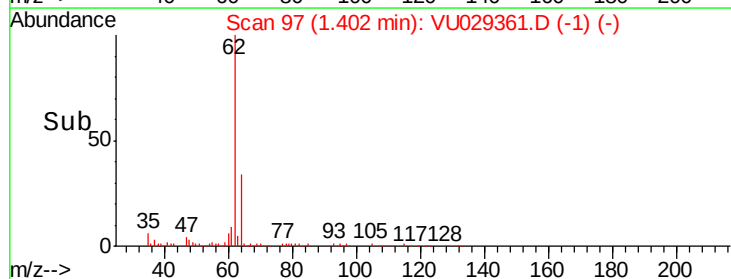
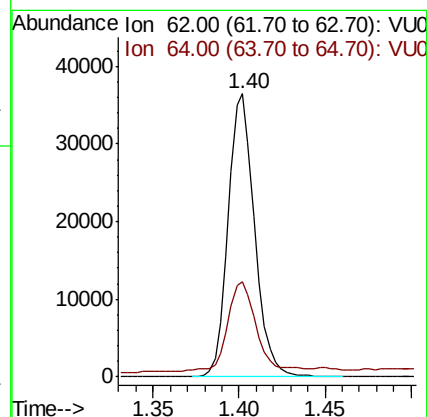
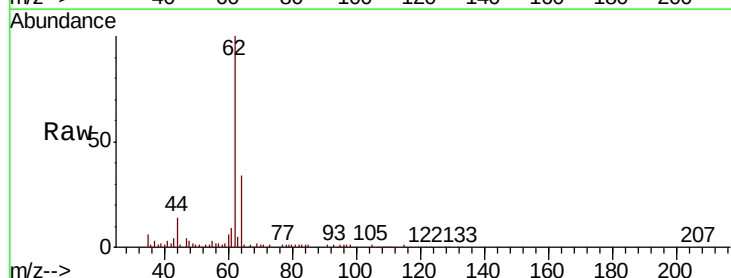
Acq: 06 Feb 2019 14:41

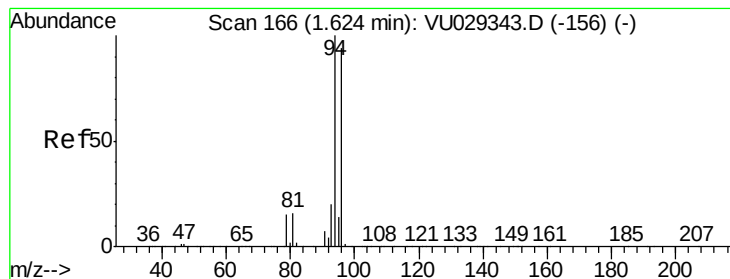
Tgt Ion: 62 Resp: 38973

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 2.351 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

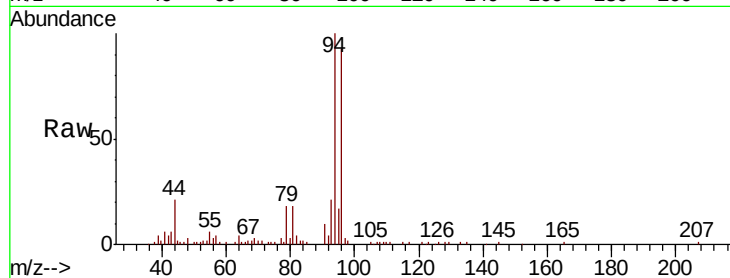
VU0206WBSD01

Tgt Ion: 94 Resp: 26631

Ion Ratio Lower Upper

94 100

96 92.7 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.63

25000

20000

15000

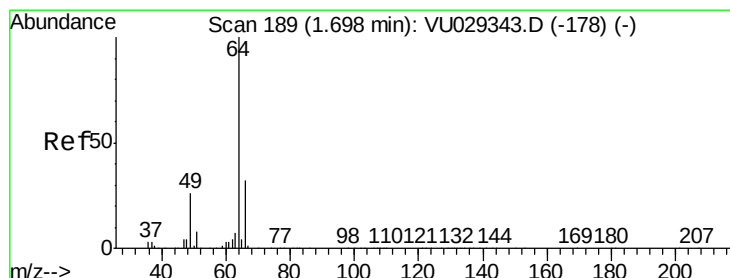
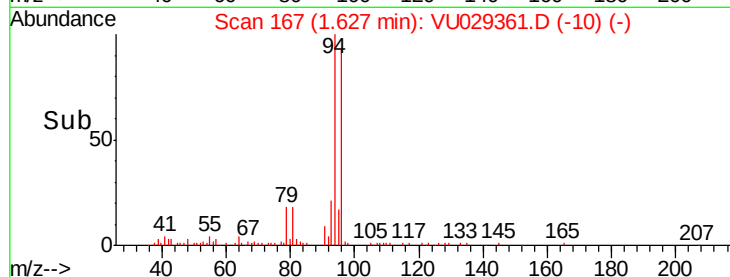
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 2.000 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029361.D

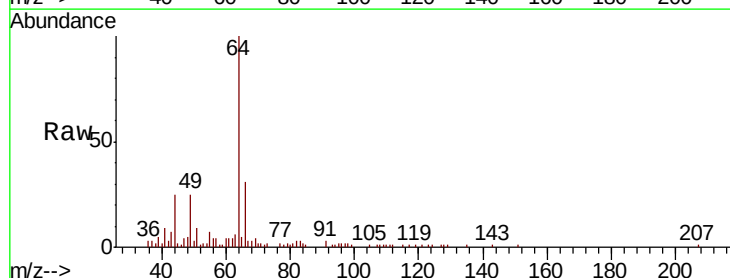
Acq: 06 Feb 2019 14:41

Tgt Ion: 64 Resp: 23797

Ion Ratio Lower Upper

64 100

66 30.5 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.70

20000

15000

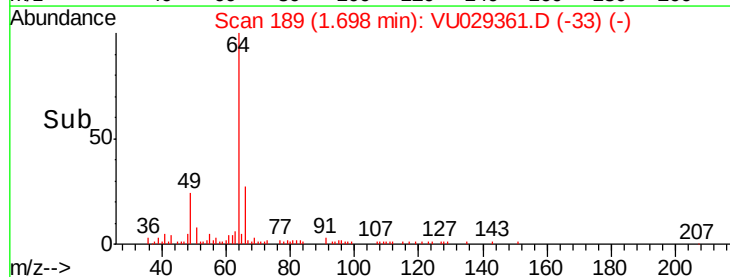
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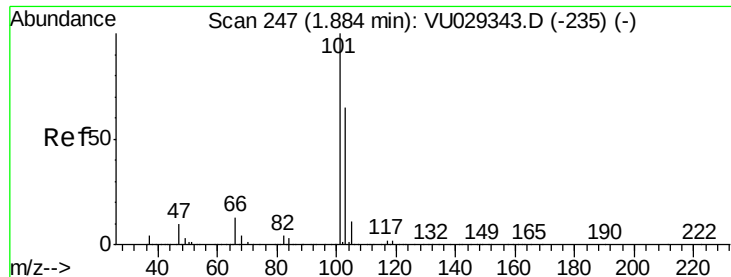
5000

0

Time-->

1.65 1.70 1.75



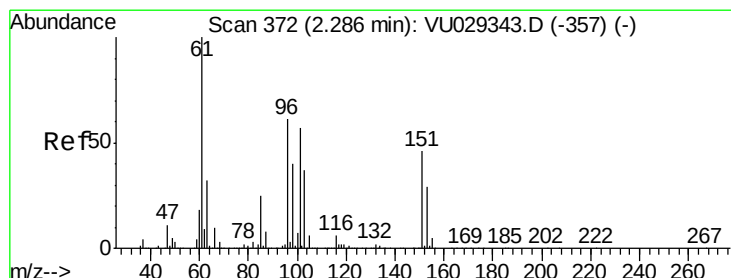
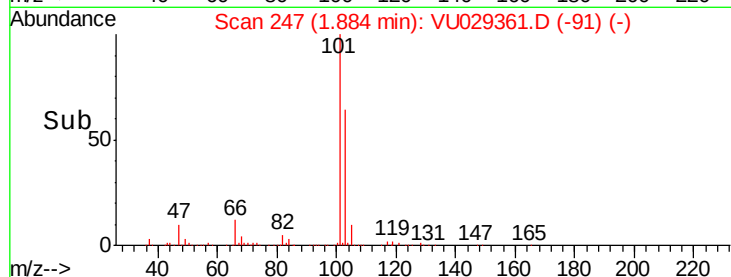
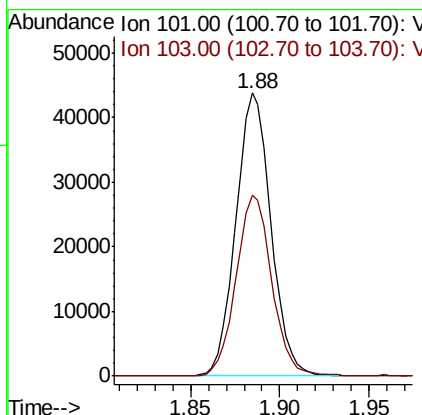
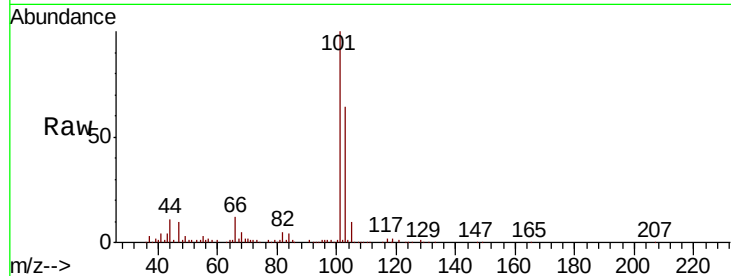


#7

Trichlorofluoromethane
 Concen: 2.116 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

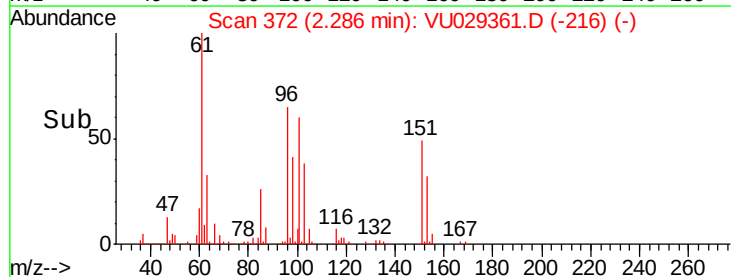
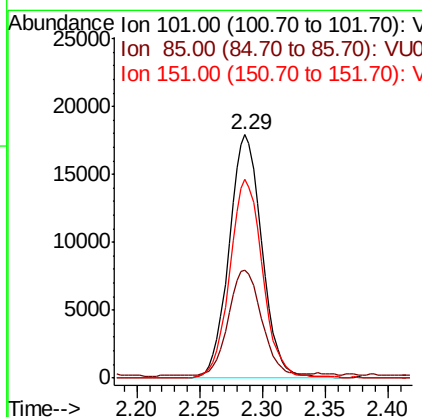
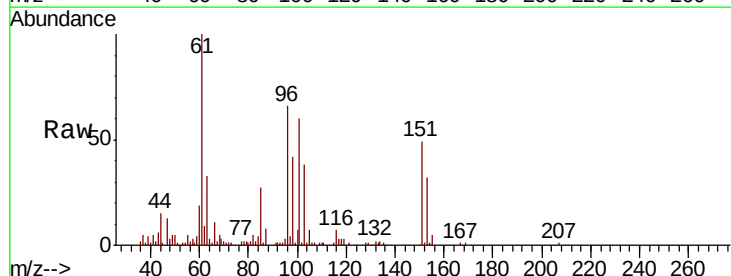
Tgt Ion:101 Resp: 60193
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.9 80.9

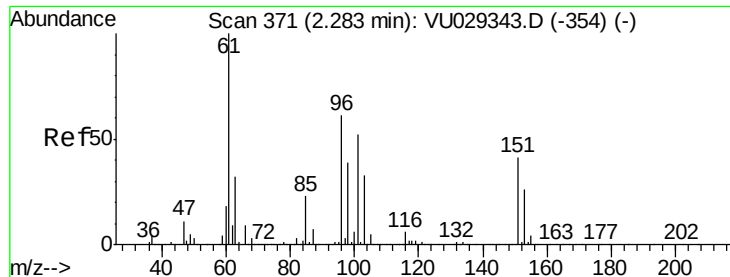


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.180 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion:101 Resp: 32734
 Ion Ratio Lower Upper
 101 100
 85 42.7 40.3 60.5
 151 80.2 58.1 87.1





#9

1,1-Dichloroethene

Concen: 2.086 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

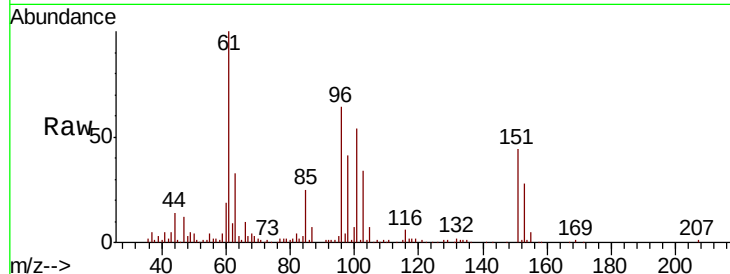
Tgt Ion: 96 Resp: 30653

Ion Ratio Lower Upper

96 100

61 158.1 0.0 641.4

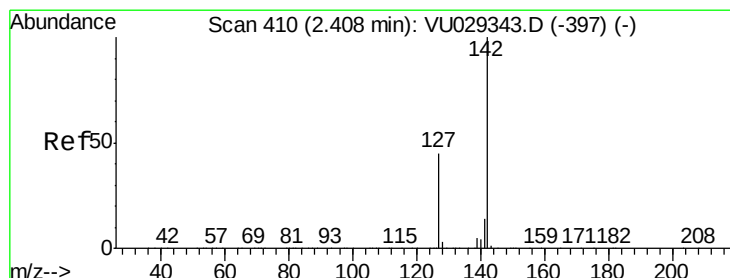
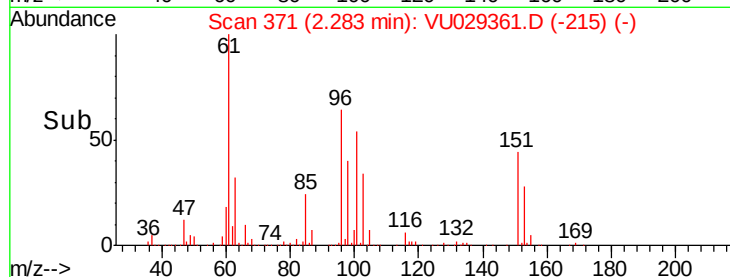
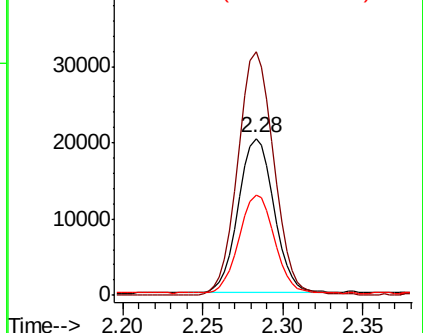
98 63.3 0.0 122.6



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: 1.791 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029361.D

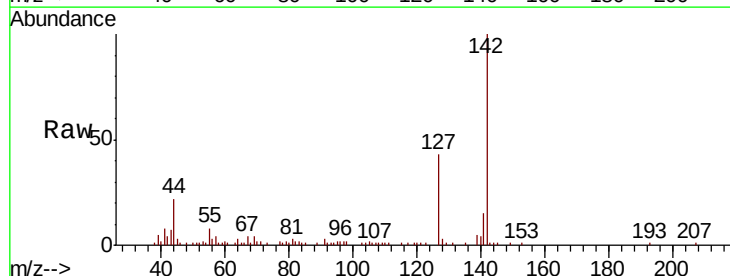
Acq: 06 Feb 2019 14:41

Tgt Ion: 142 Resp: 33808

Ion Ratio Lower Upper

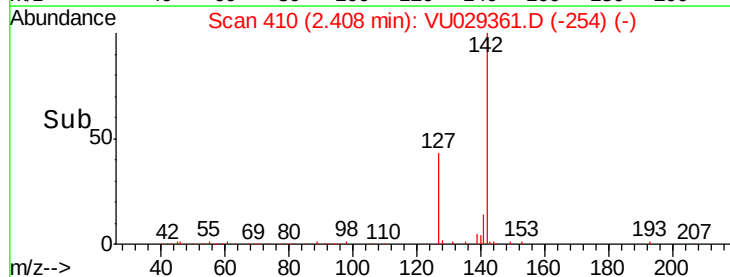
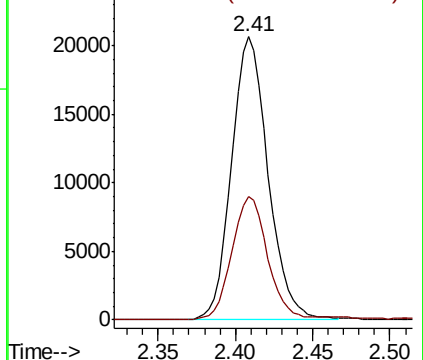
142 100

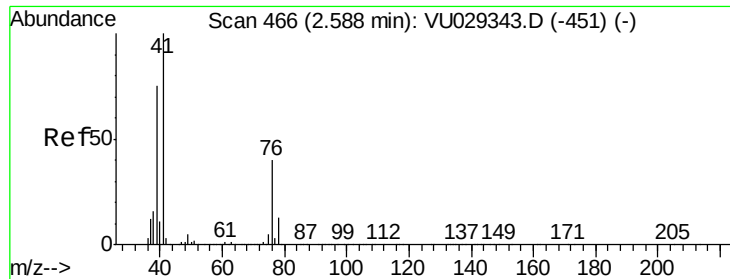
127 42.5 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

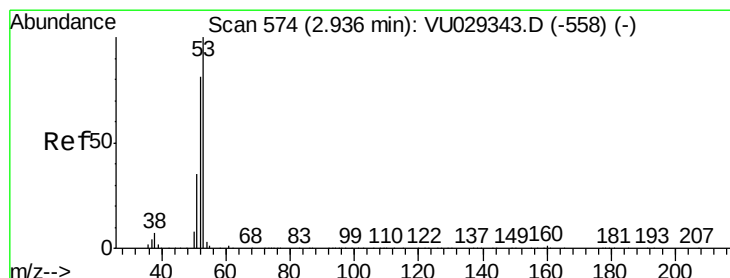
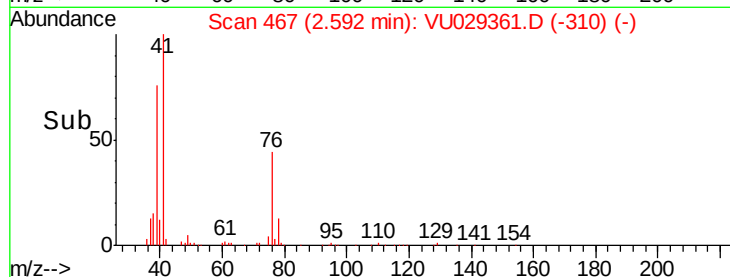
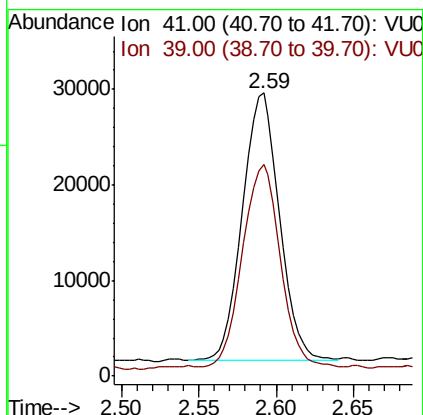
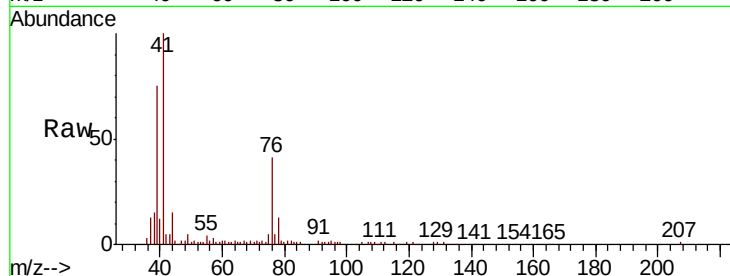




#11
 Allyl Chloride
 Concen: 1.905 ug/l
 RT: 2.59 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

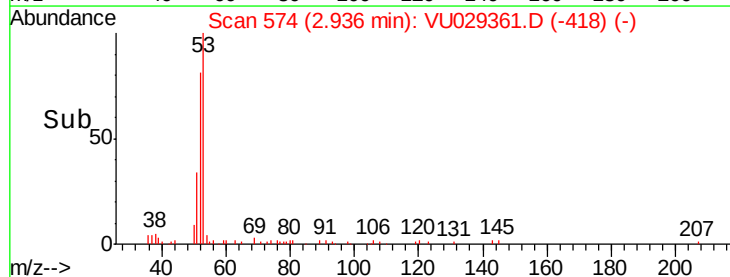
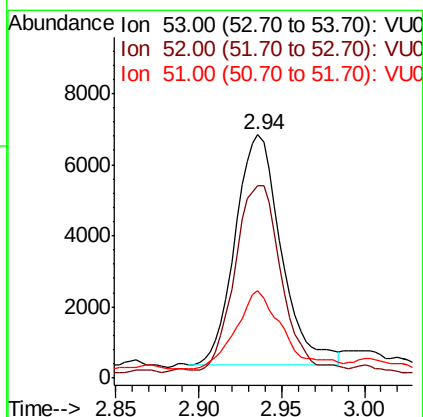
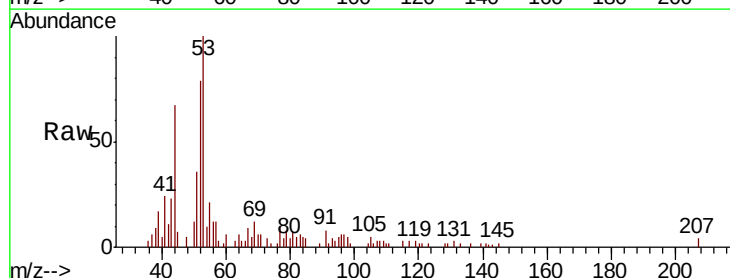
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

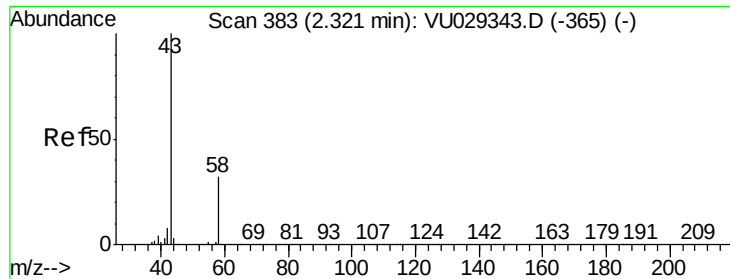
Tgt Ion: 41 Resp: 46944
 Ion Ratio Lower Upper
 41 100
 39 76.9 67.2 100.8



#12
 Acrylonitrile
 Concen: 3.776 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion: 53 Resp: 12438
 Ion Ratio Lower Upper
 53 100
 52 81.9 67.6 101.4
 51 35.2 31.0 46.4





#13

Acetone

Concen: 9.907 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

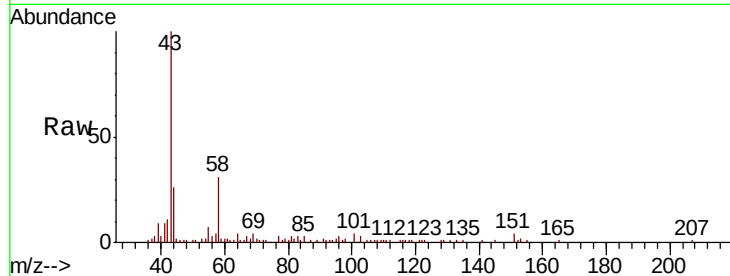
VU0206WBSD01

Tgt Ion: 43 Resp: 31449

Ion Ratio Lower Upper

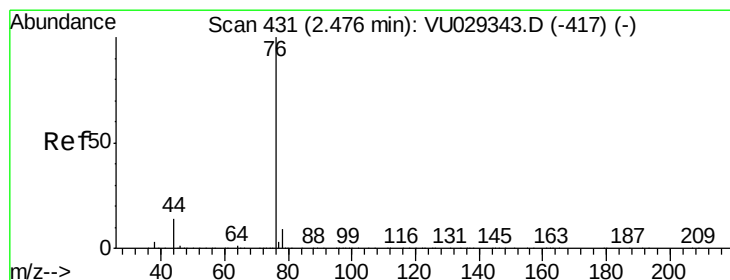
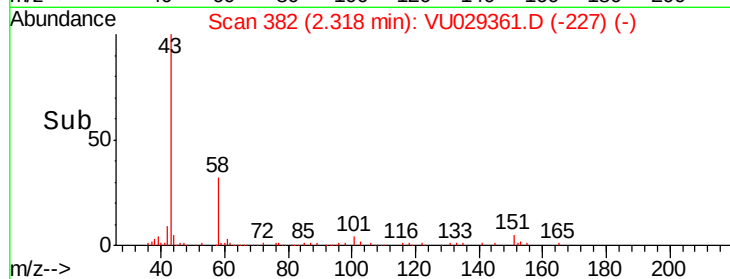
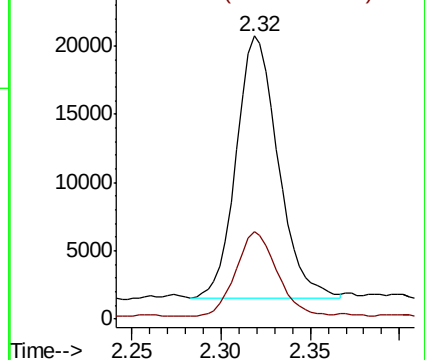
43 100

58 32.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 2.005 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029361.D

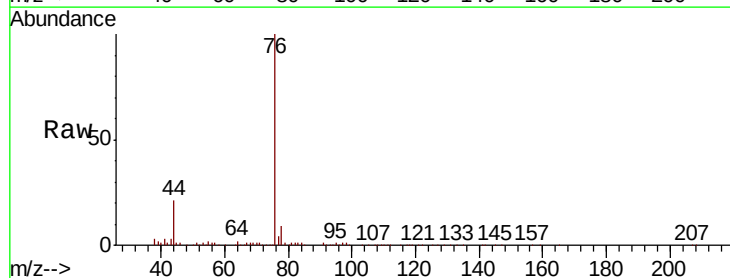
Acq: 06 Feb 2019 14:41

Tgt Ion: 76 Resp: 104032

Ion Ratio Lower Upper

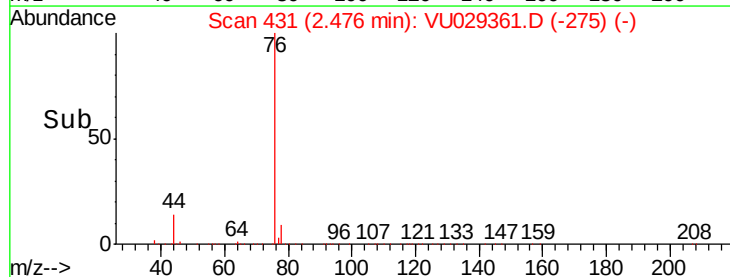
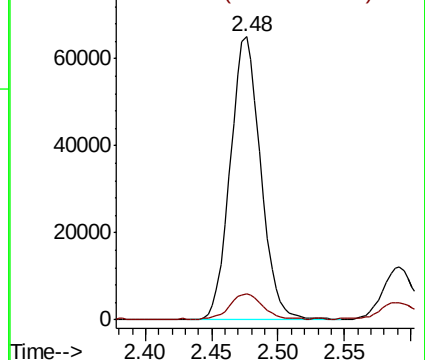
76 100

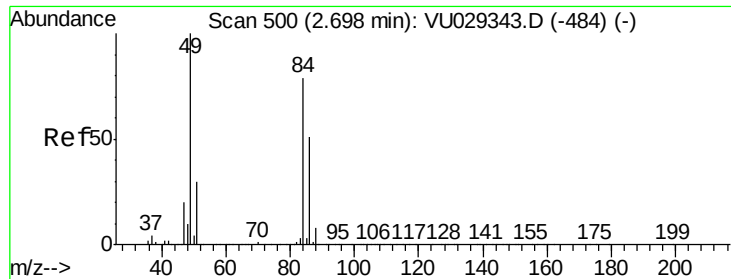
78 8.7 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 1.906 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 84 Resp: 33963

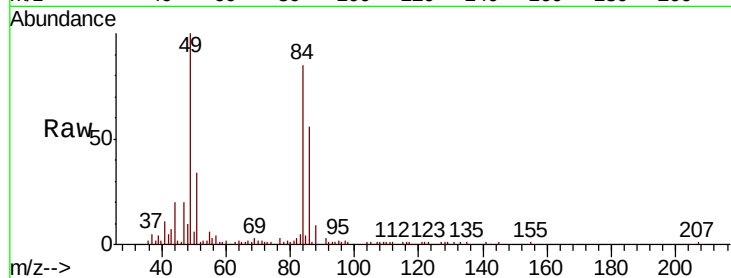
Ion Ratio Lower Upper

84 100

49 119.4 127.0 190.6#

51 39.7 0.0 93.4

86 65.7 50.6 75.8

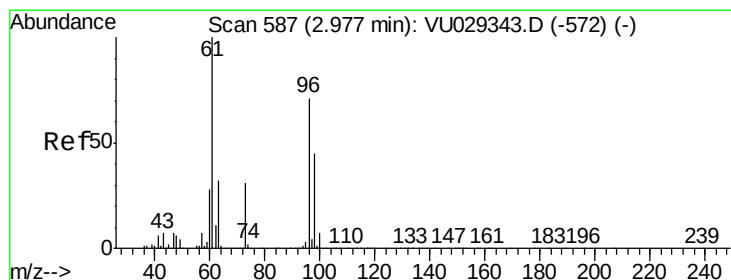
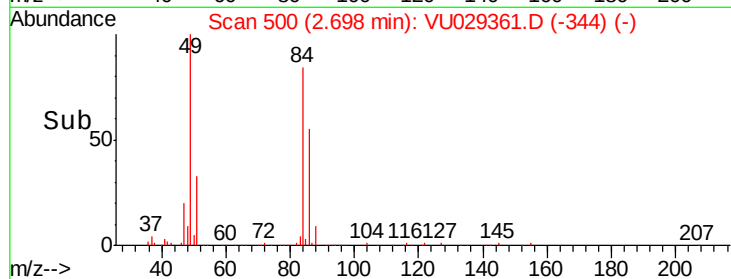
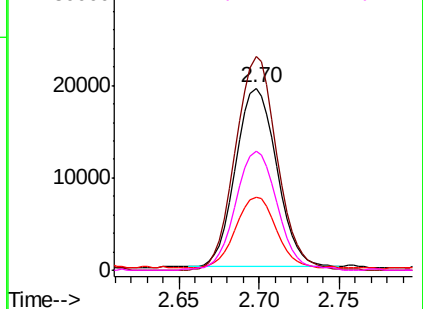


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 2.092 ug/l

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

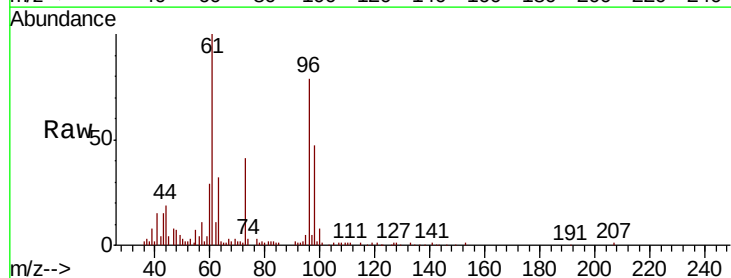
Tgt Ion: 96 Resp: 34387

Ion Ratio Lower Upper

96 100

61 129.0 140.6 210.8#

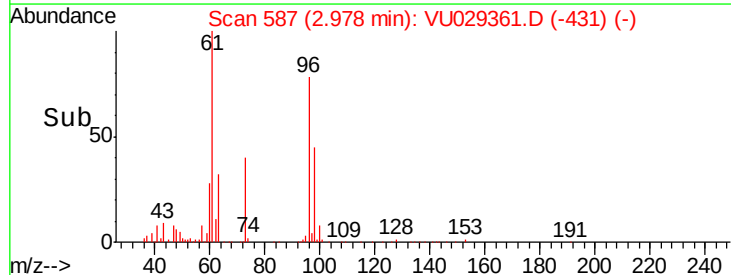
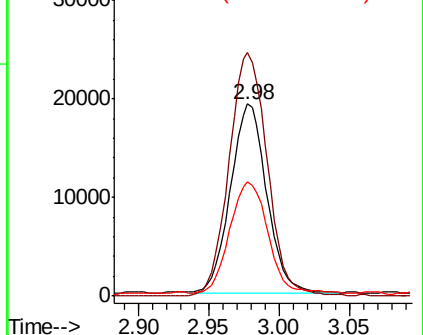
98 58.5 49.3 73.9

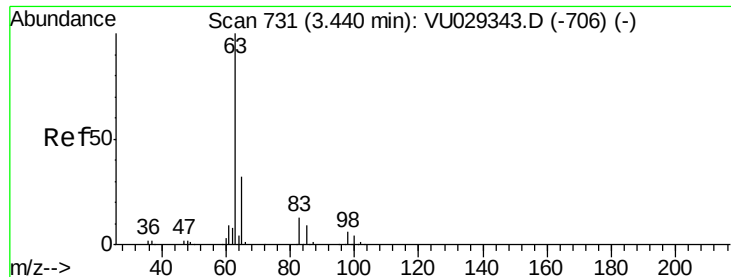


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

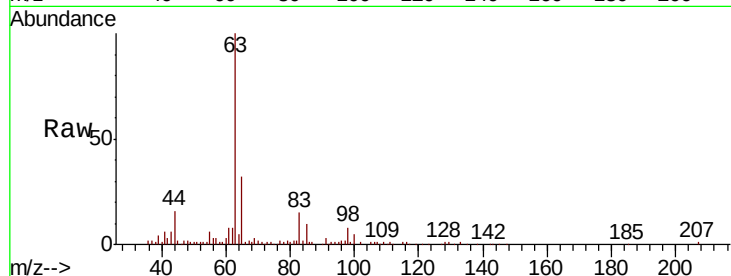




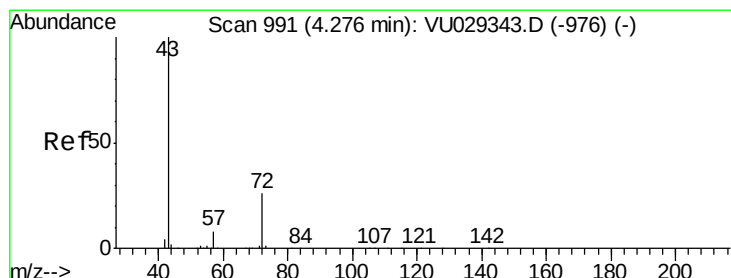
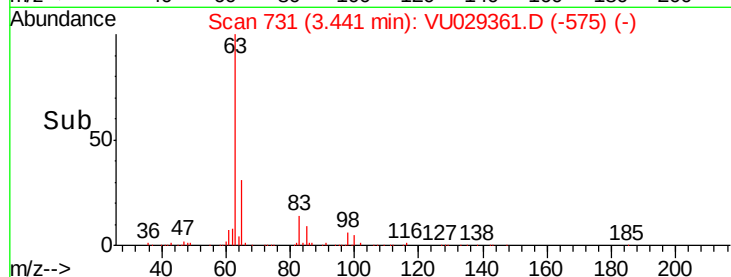
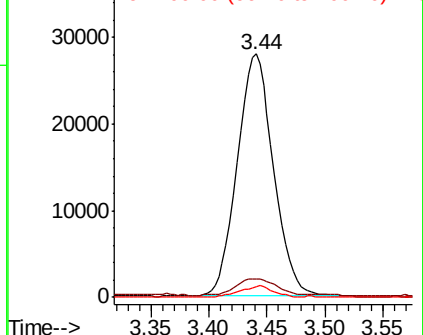
#17
 1,1-Dichloroethane
 Concen: 2.329 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.9	8.8
100	4.6	1.7	5.1

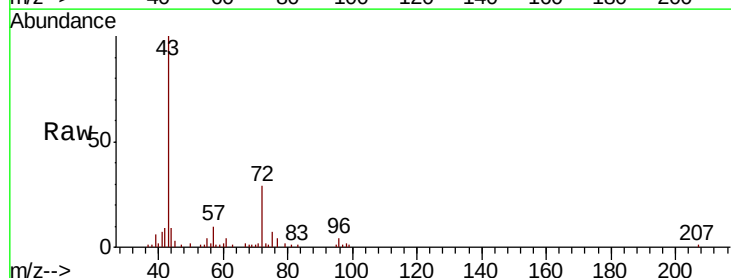


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

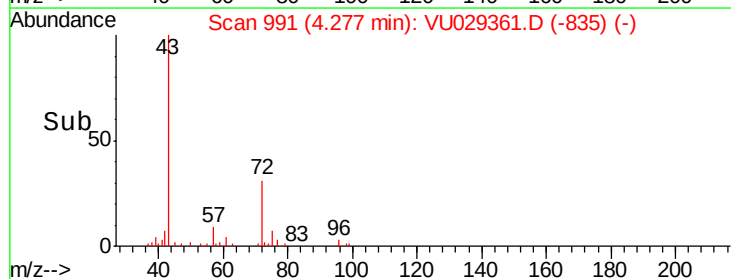
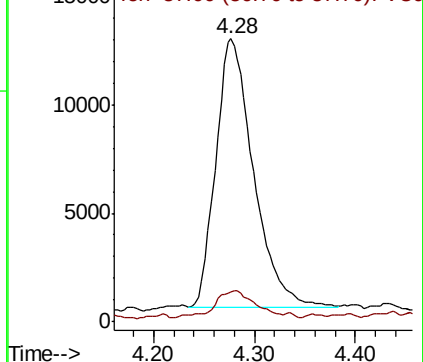


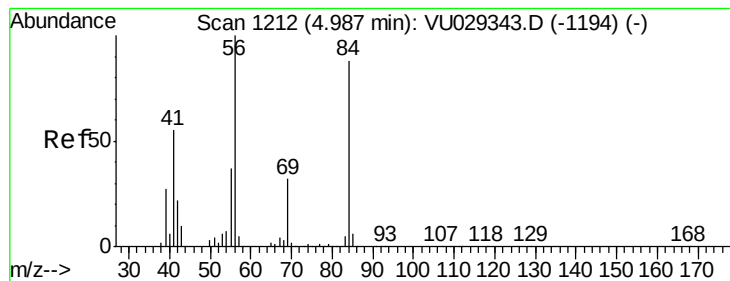
#18
 2-Butanone
 Concen: 9.033 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	0.0	15.8



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





#19

Cyclohexane

Concen: 1.622 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

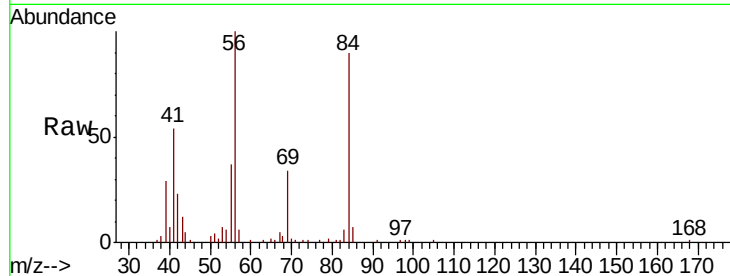
Tgt Ion: 56 Resp: 39158

Ion Ratio Lower Upper

56 100

69 35.4 26.8 40.2

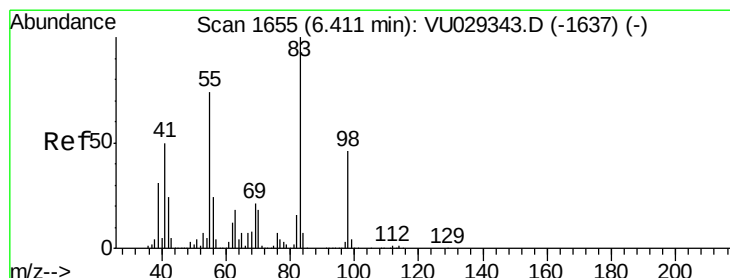
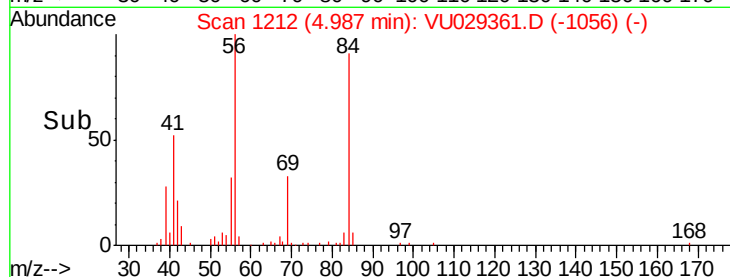
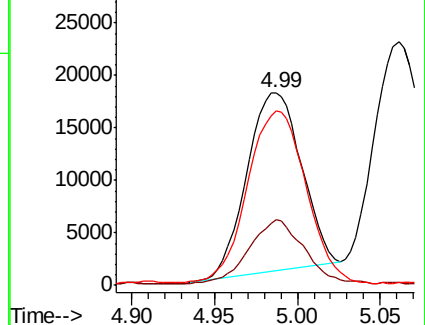
84 102.9 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 2.014 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

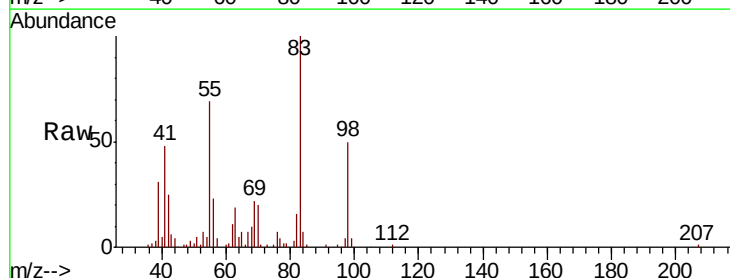
Tgt Ion: 83 Resp: 51066

Ion Ratio Lower Upper

83 100

55 71.0 72.4 108.6#

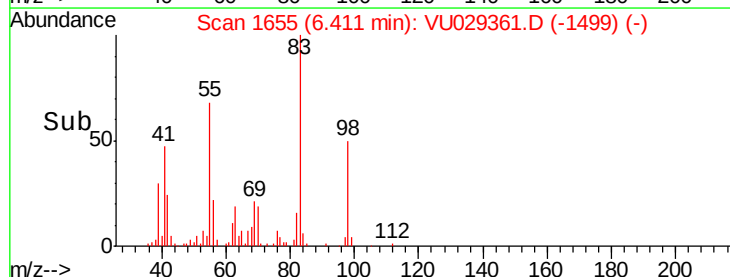
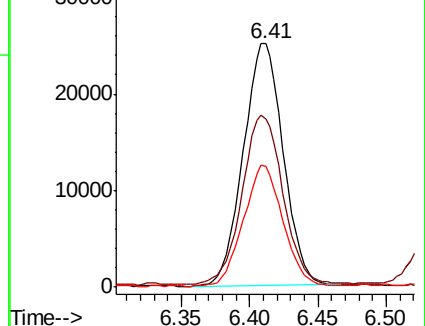
98 49.5 36.6 54.8

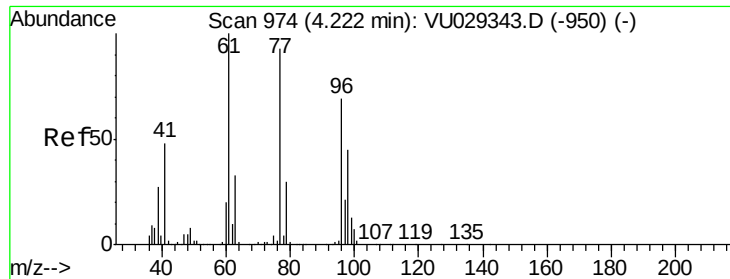


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 2.090 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

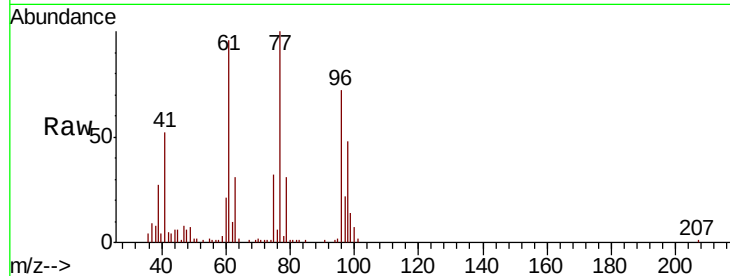
VU0206WBSD01

Tgt Ion: 77 Resp: 50378

Ion Ratio Lower Upper

77 100

97 24.0 15.6 23.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

4.22

20000

15000

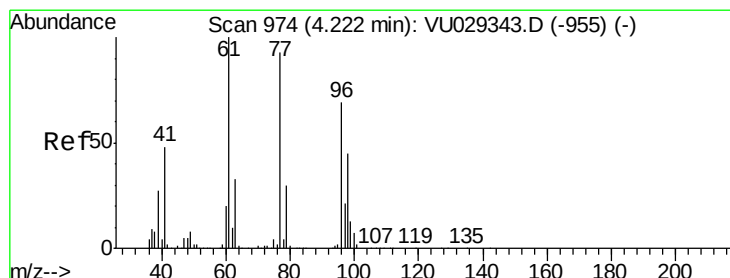
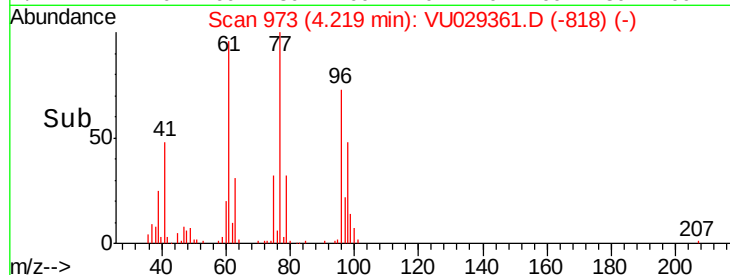
10000

5000

0

4.10 4.20 4.30

Time-->



#22

cis-1,2-Dichloroethene

Concen: 2.104 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

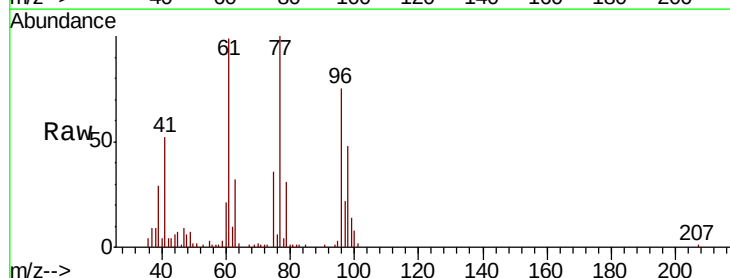
Tgt Ion: 96 Resp: 32579

Ion Ratio Lower Upper

96 100

61 140.4 0.0 460.0

98 69.4 32.6 97.7



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

25000

20000

15000

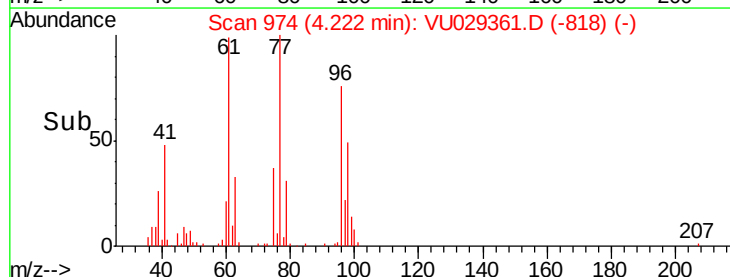
10000

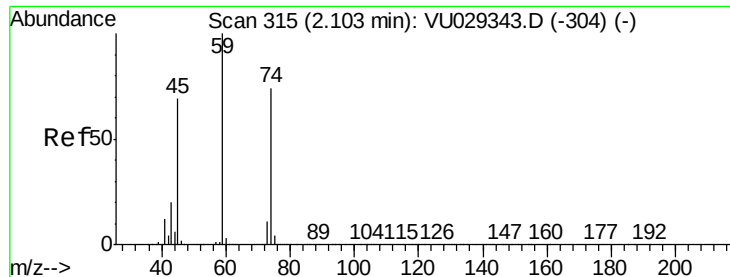
5000

0

4.15 4.20 4.25 4.30

Time-->





#23

Diethyl Ether

Concen: 1.917 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

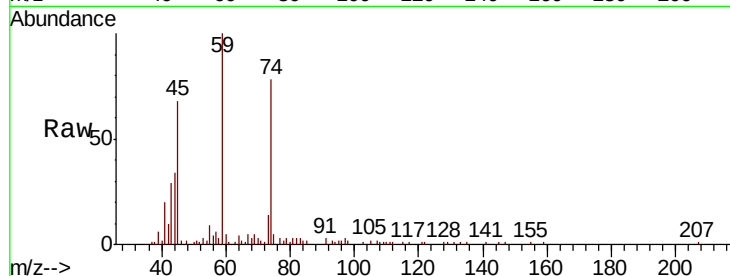
Tgt Ion: 59 Resp: 22619

Ion Ratio Lower Upper

59 100

45 68.1 64.2 96.4

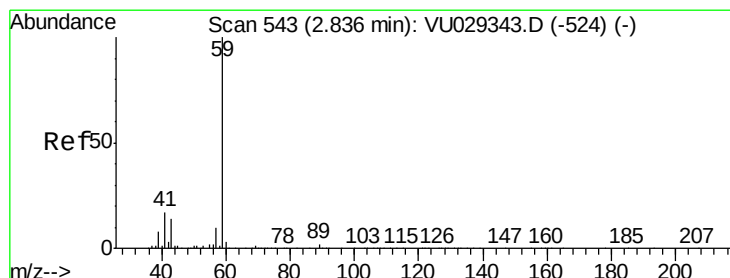
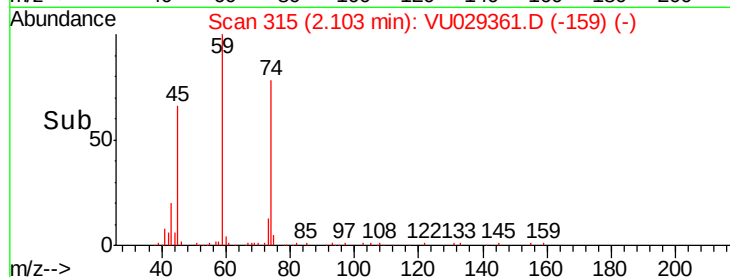
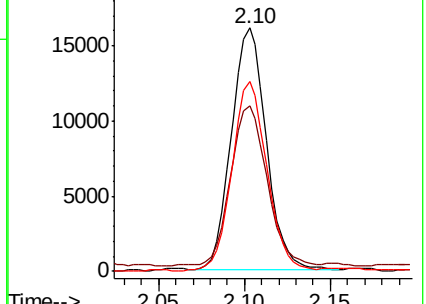
74 79.5 55.3 82.9



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 20.449 ug/l

RT: 2.83 min Scan# 541

Delta R.T. -0.01 min

Lab File: VU029361.D

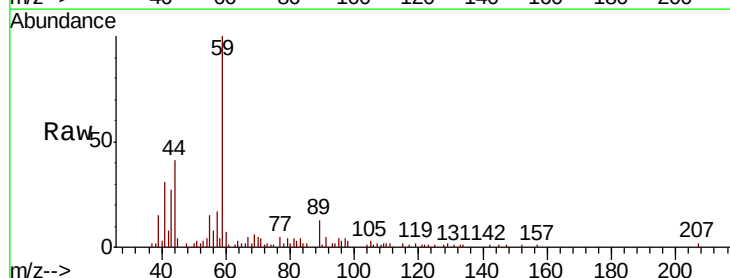
Acq: 06 Feb 2019 14:41

Tgt Ion: 59 Resp: 25079

Ion Ratio Lower Upper

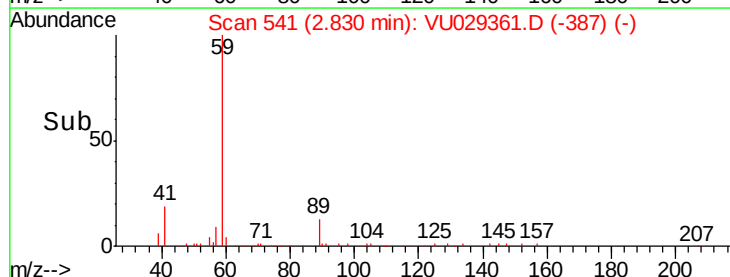
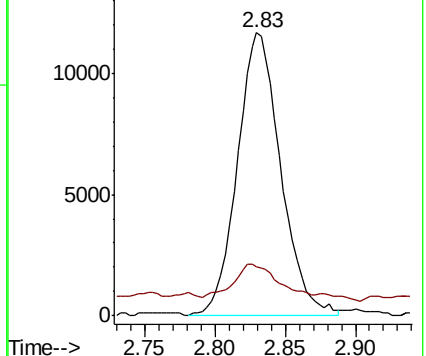
59 100

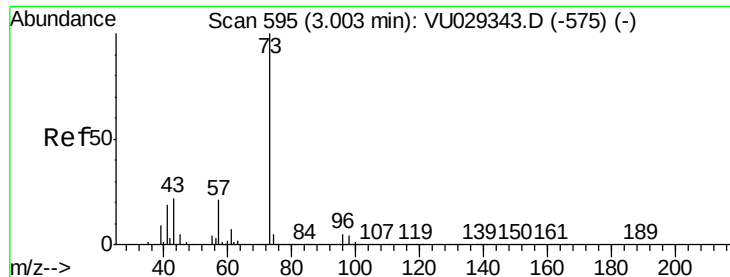
57 11.3 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 1.976 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

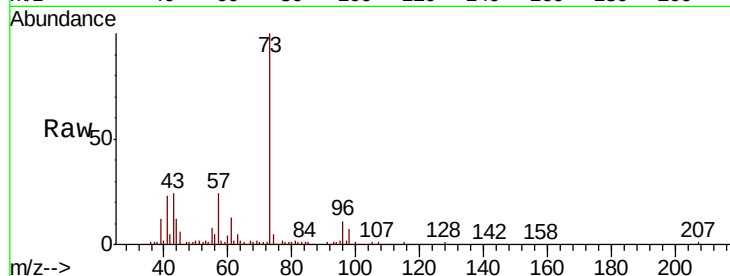
VU0206WBSD01

Tgt Ion: 73 Resp: 81766

Ion Ratio Lower Upper

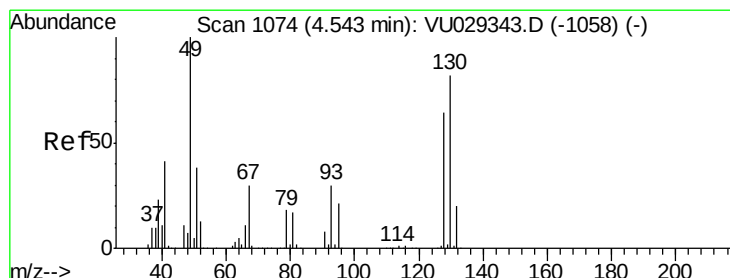
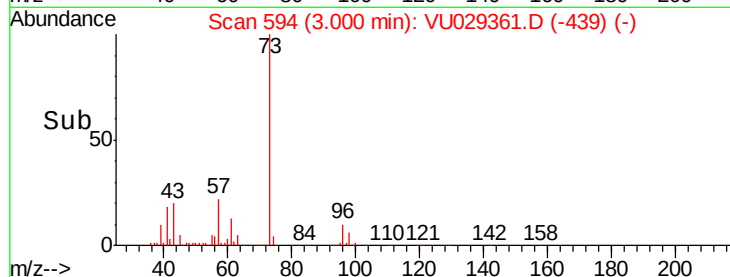
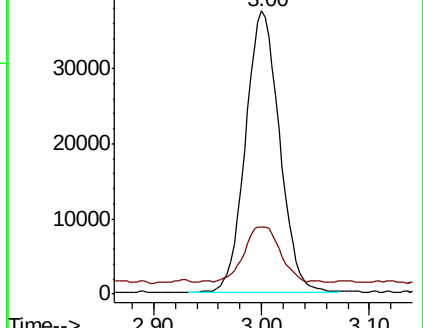
73 100

43 20.6 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU029343.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-575) (-)



#26

Bromochloromethane

Concen: 2.141 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

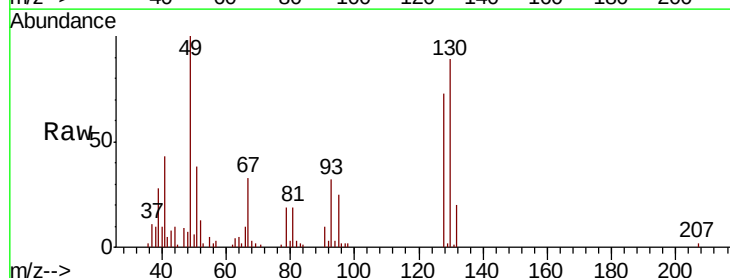
Tgt Ion: 128 Resp: 14641

Ion Ratio Lower Upper

128 100

49 132.7 0.0 401.6

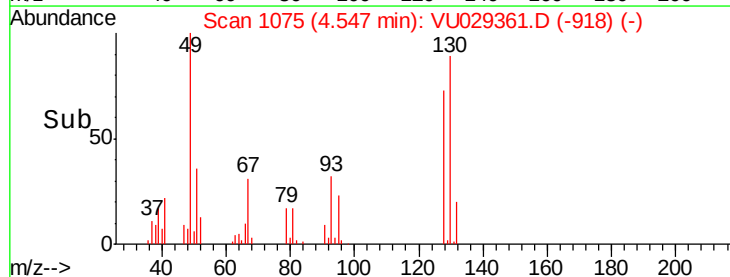
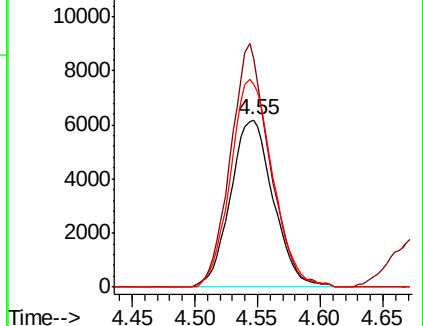
130 122.7 108.0 162.0

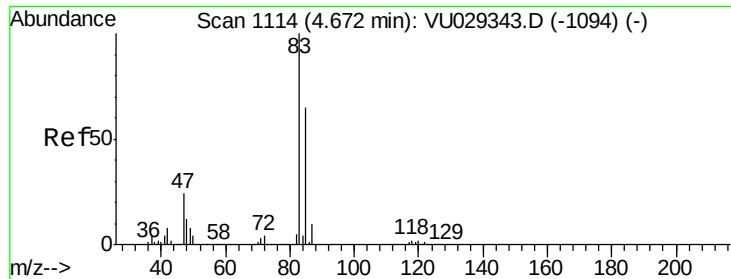


Abundance Ion 128.00 (127.70 to 128.70): VU029343.D (-1058) (-)

Ion 49.00 (48.70 to 49.70): VU029343.D (-1058) (-)

Ion 130.00 (129.70 to 130.70): VU029343.D (-1058) (-)

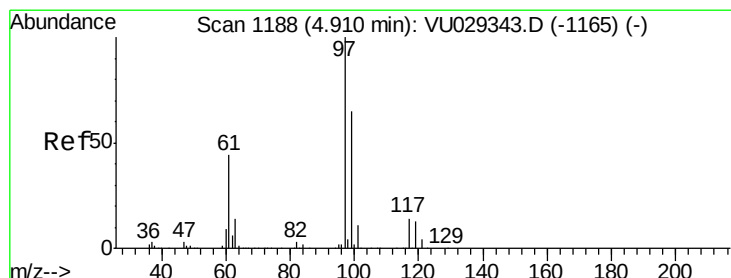
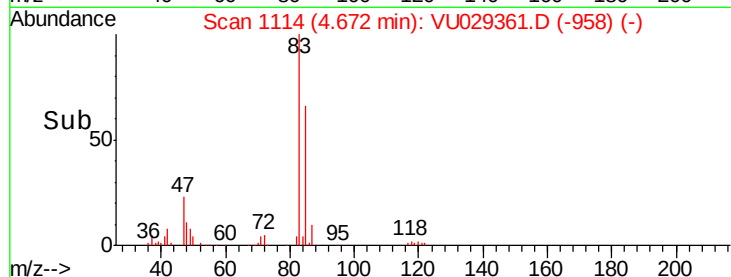
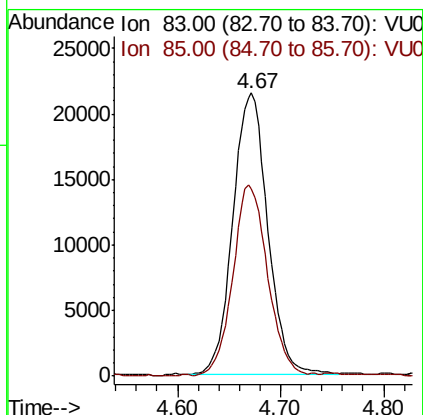
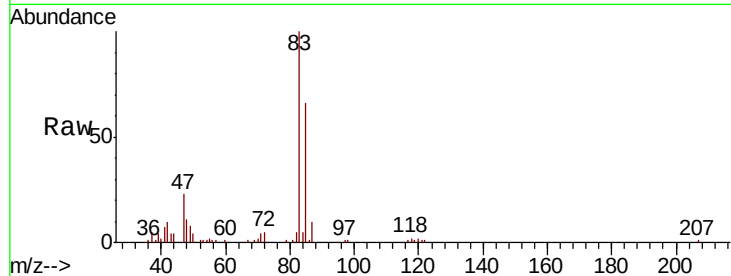




#27
Chloroform
Concen: 1.994 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

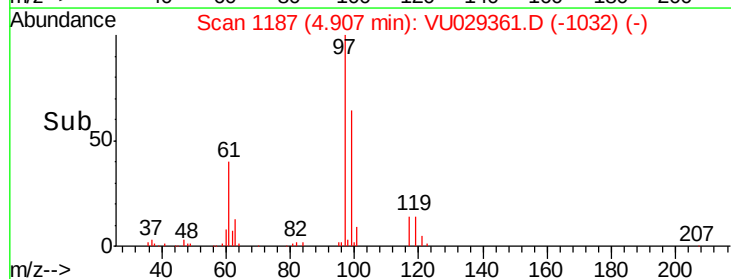
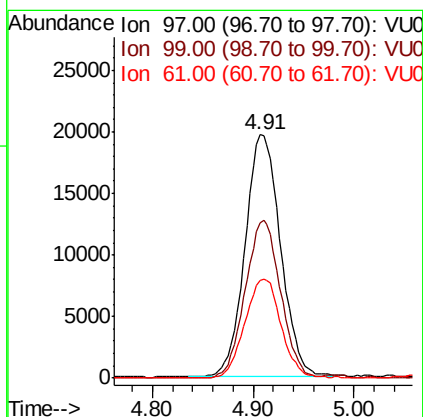
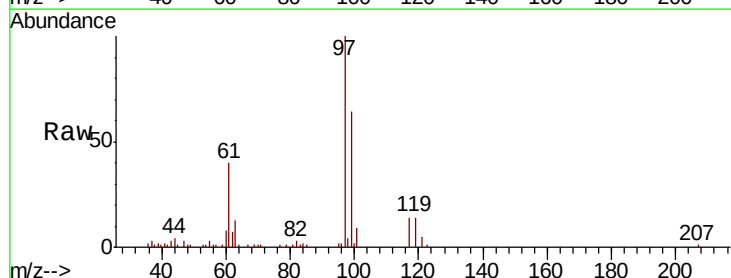
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

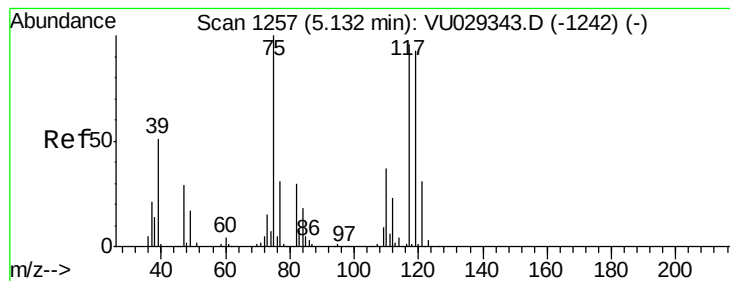
Tgt Ion: 83 Resp: 50496
Ion Ratio Lower Upper
83 100
85 65.8 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 2.039 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion: 97 Resp: 47869
Ion Ratio Lower Upper
97 100
99 65.0 32.4 97.2
61 41.7 24.4 73.2





#29

1,1-Dichloropropene

Concen: 2.002 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

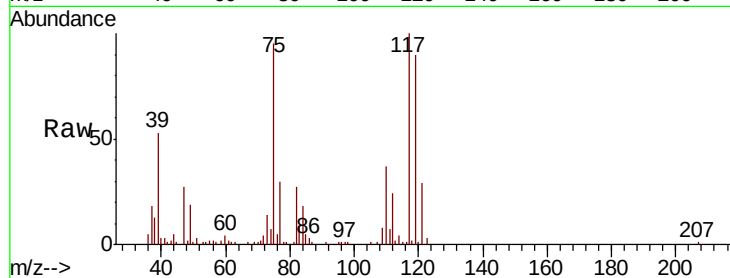
Tgt Ion: 75 Resp: 40809

Ion Ratio Lower Upper

75 100

110 38.2 15.4 46.2

77 32.0 24.1 36.1

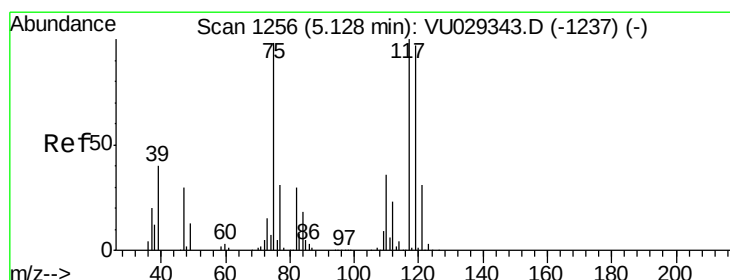
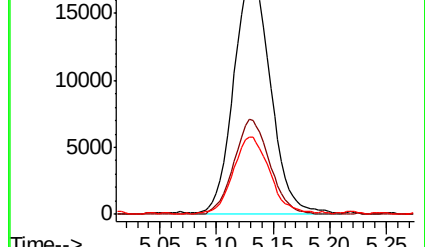
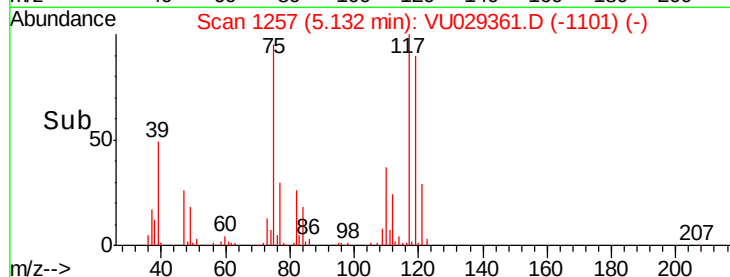


Abundance Ion 75.00 (74.70 to 75.70): VU029343.D (-1242) (-)

Ion 110.00 (109.70 to 110.70): VU029343.D (-1242) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-1242) (-)

Time-->



#30

Carbon Tetrachloride

Concen: 2.109 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

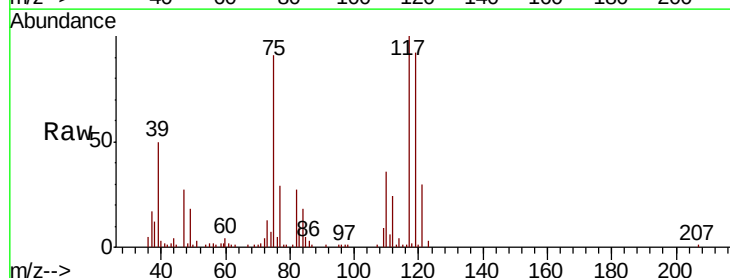
Tgt Ion: 117 Resp: 44813

Ion Ratio Lower Upper

117 100

119 91.9 76.8 115.2

121 29.7 24.4 36.6

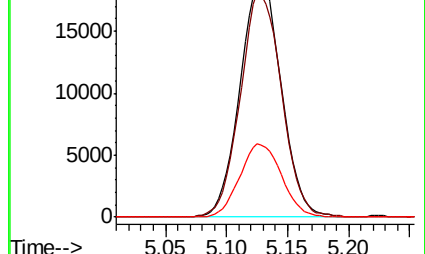
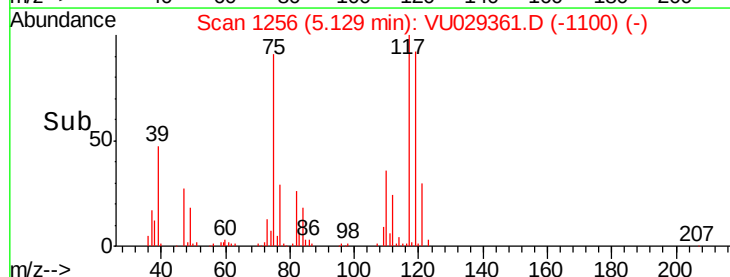


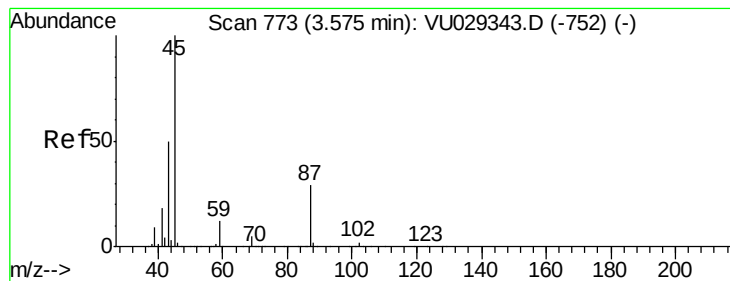
Abundance Ion 117.00 (116.70 to 117.70): VU029343.D (-1237) (-)

Ion 119.00 (118.70 to 119.70): VU029343.D (-1237) (-)

Ion 121.00 (120.70 to 121.70): VU029343.D (-1237) (-)

Time-->





#31

Isopropyl Ether

Concen: 1.895 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

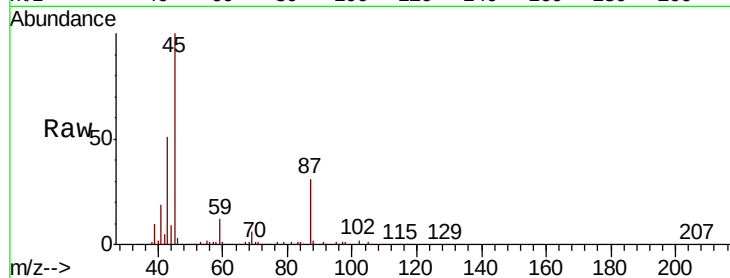
VU0206WBSD01

Tgt Ion: 45 Resp: 74459

Ion Ratio Lower Upper

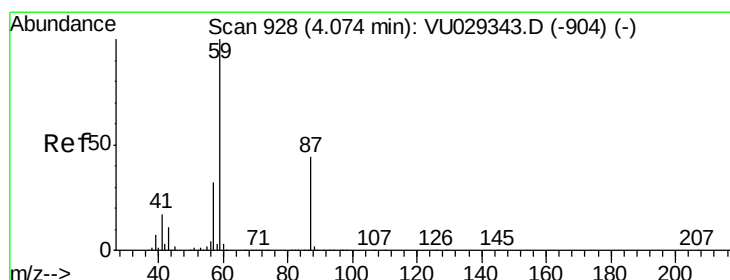
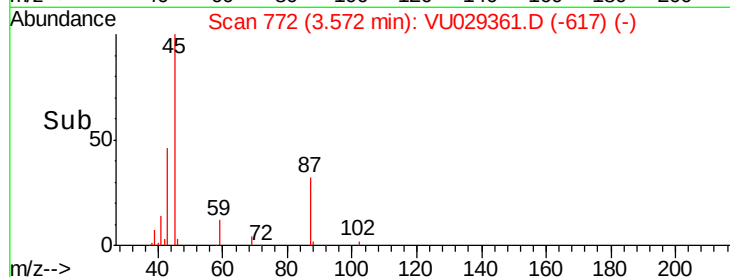
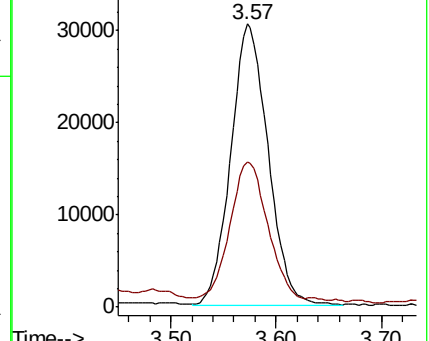
45 100

43 48.3 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU029343.D (-752) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-752) (-)



#32

Ethyl-t-butyl ether

Concen: 1.947 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029361.D

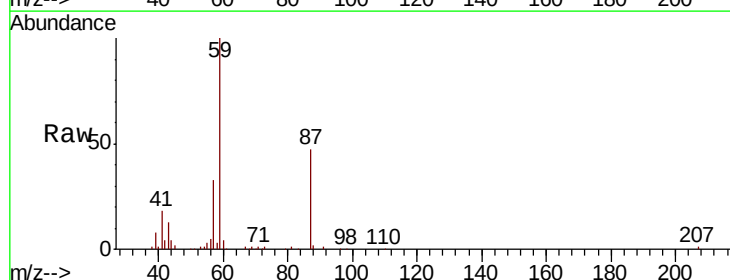
Acq: 06 Feb 2019 14:41

Tgt Ion: 59 Resp: 76675

Ion Ratio Lower Upper

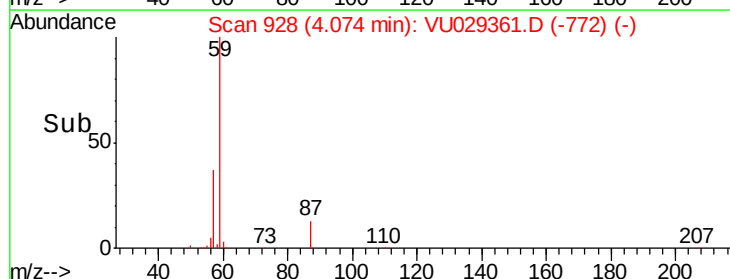
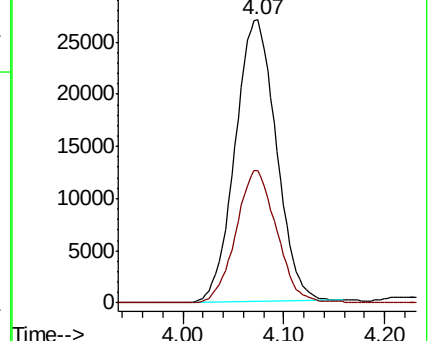
59 100

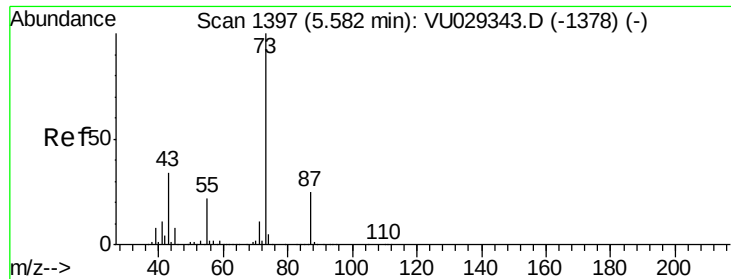
87 45.2 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU029343.D (-904) (-)

Ion 87.00 (86.70 to 87.70): VU029343.D (-904) (-)



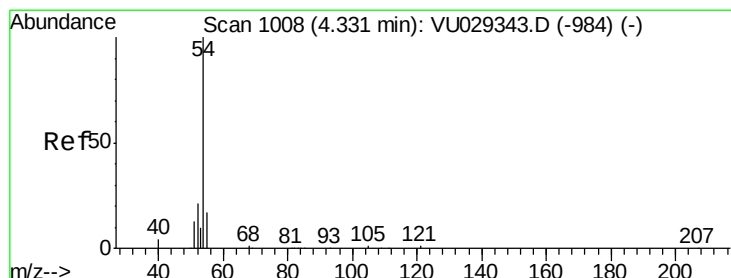
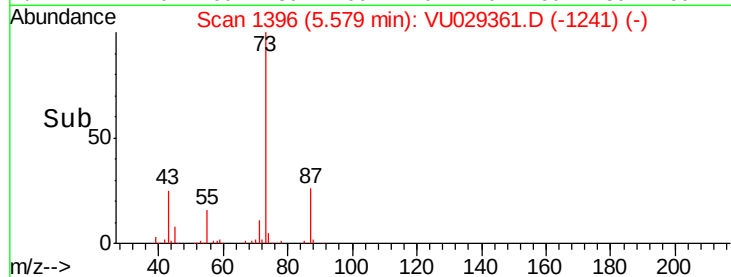
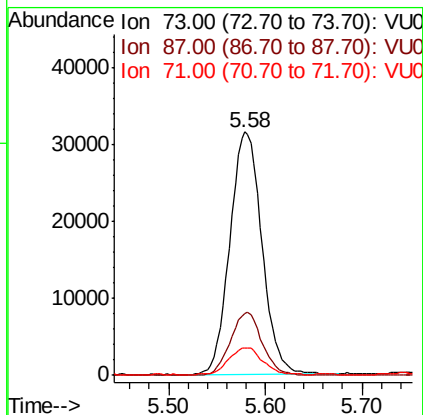
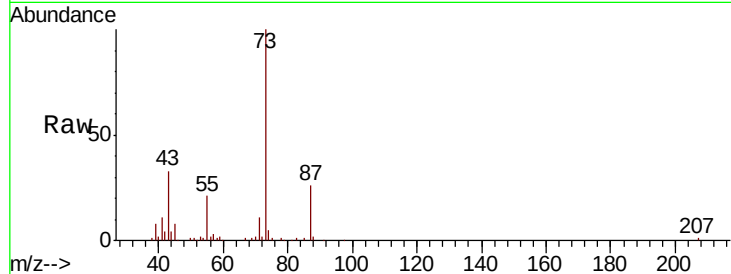


#33

Tert-Amyl methyl ether
 Concen: 2.048 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

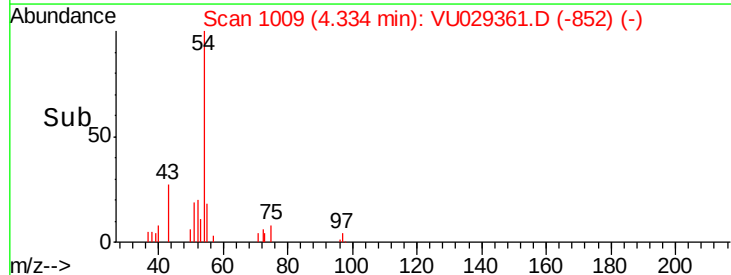
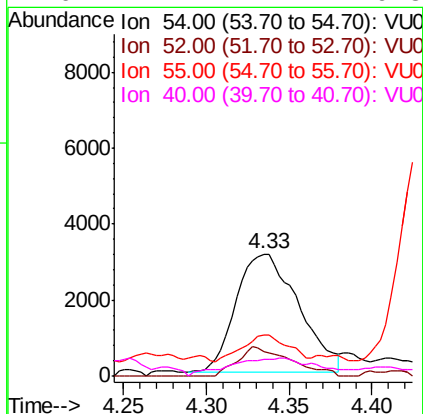
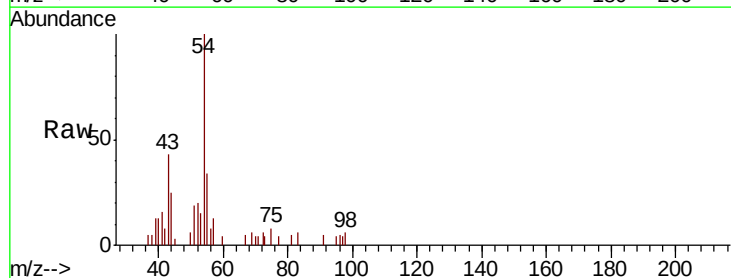
Tgt Ion: 73 Resp: 72936
 Ion Ratio Lower Upper
 73 100
 87 25.5 19.4 29.0
 71 11.8 9.0 13.4

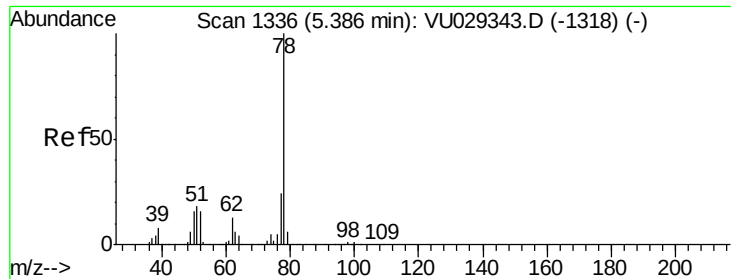


#34

Propionitrile
 Concen: 8.671 ug/l
 RT: 4.33 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion: 54 Resp: 8087
 Ion Ratio Lower Upper
 54 100
 52 20.8 18.9 28.3
 55 16.1 15.1 22.7
 40 21.1 7.2 10.8#





#35

Benzene

Concen: 2.018 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

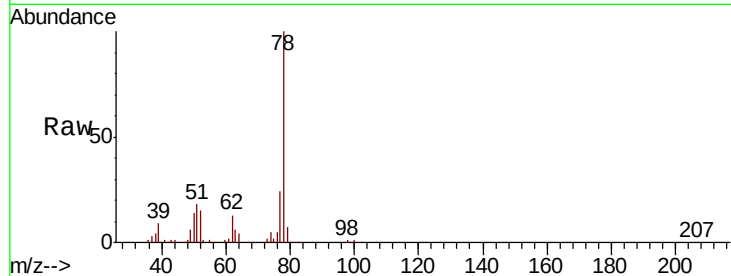
VU0206WBSD01

Tgt Ion: 78 Resp: 113733

Ion Ratio Lower Upper

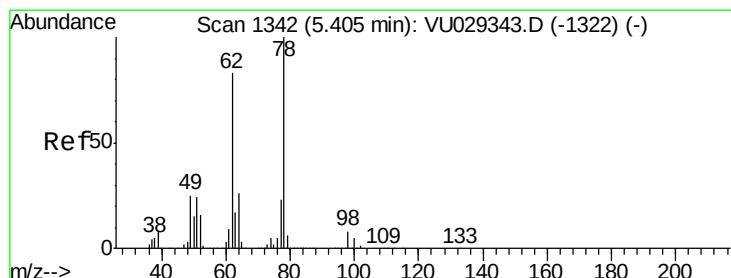
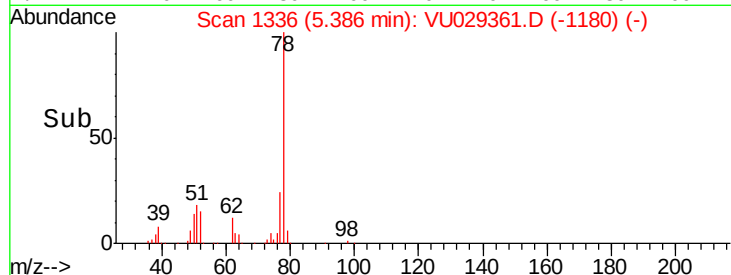
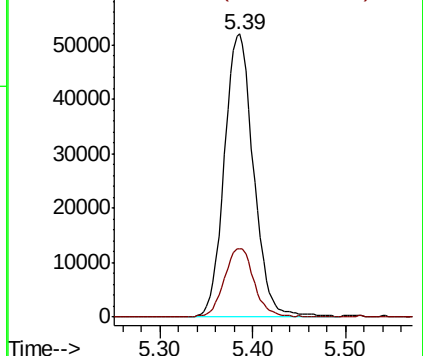
78 100

77 24.4 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.954 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029361.D

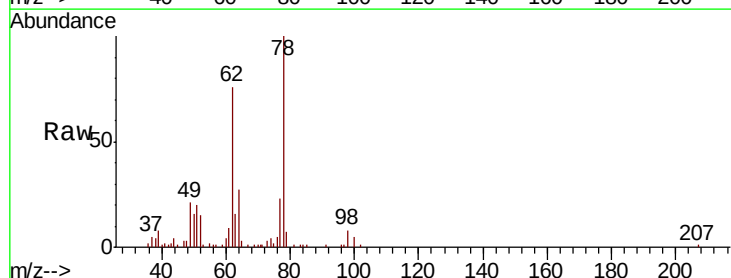
Acq: 06 Feb 2019 14:41

Tgt Ion: 62 Resp: 33310

Ion Ratio Lower Upper

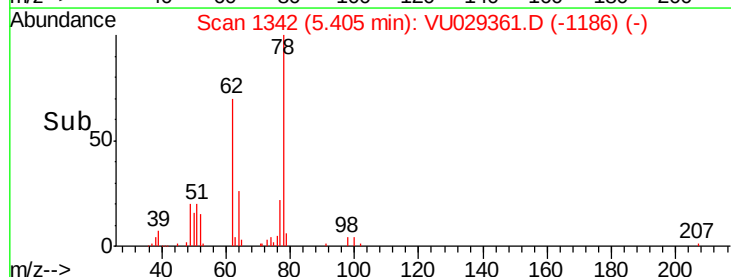
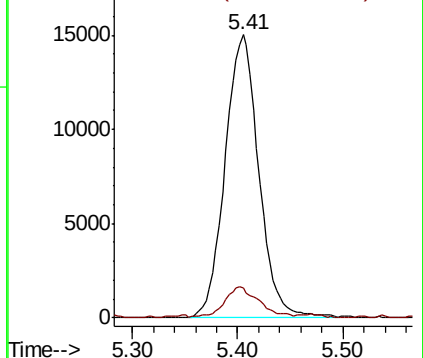
62 100

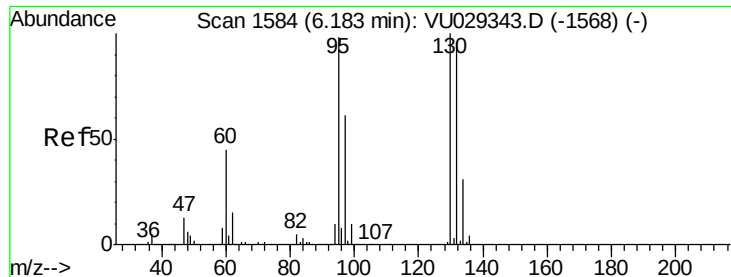
98 11.4 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 2.121 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

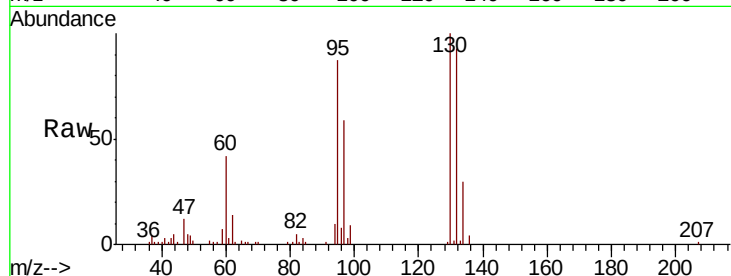
VU0206WBSD01

Tgt Ion:130 Resp: 34306

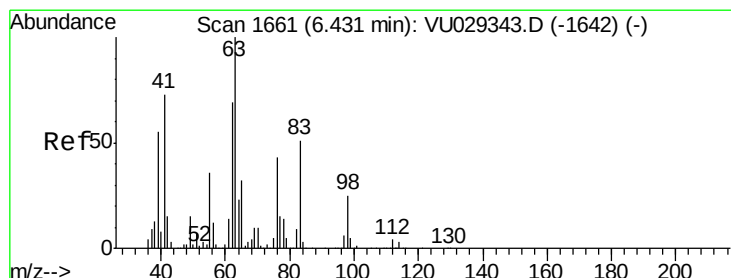
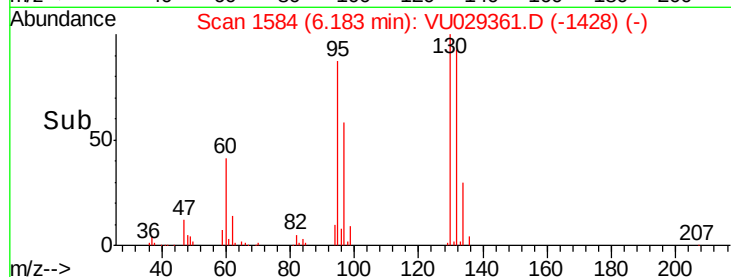
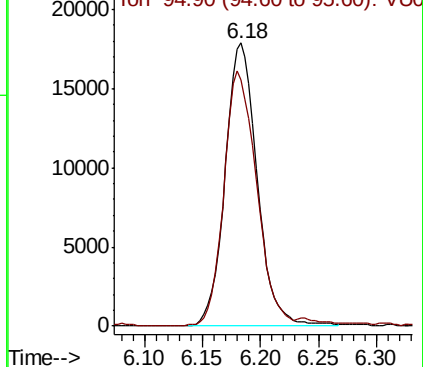
Ion Ratio Lower Upper

130 100

95 86.6 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 1.941 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029361.D

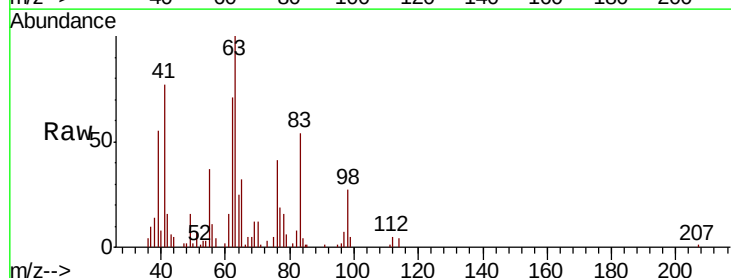
Acq: 06 Feb 2019 14:41

Tgt Ion: 63 Resp: 28459

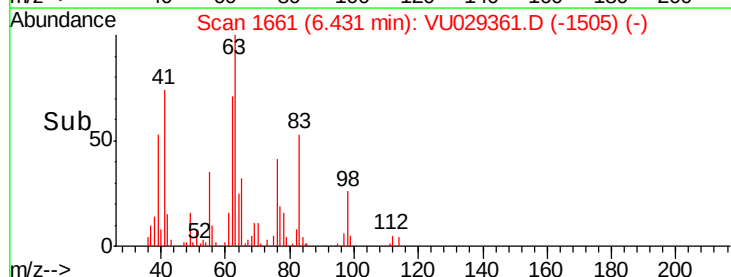
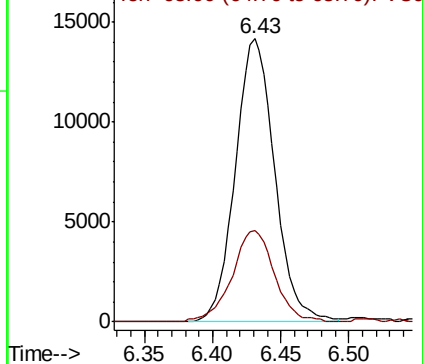
Ion Ratio Lower Upper

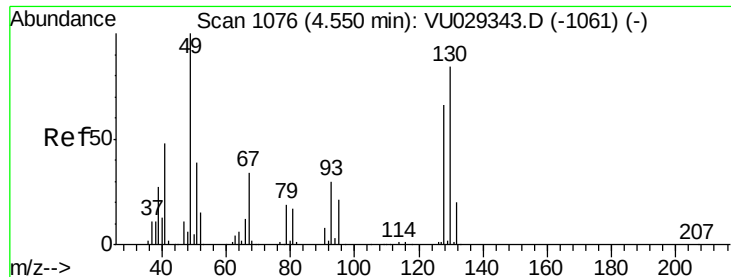
63 100

65 32.1 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-1642) (-)

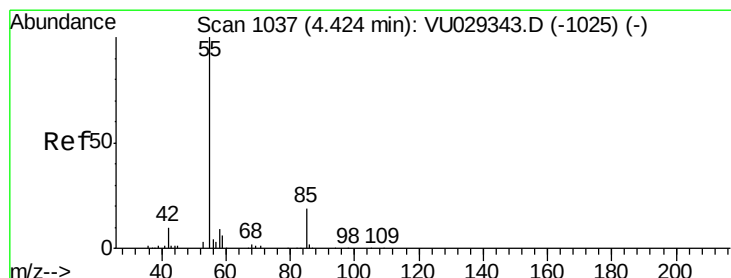
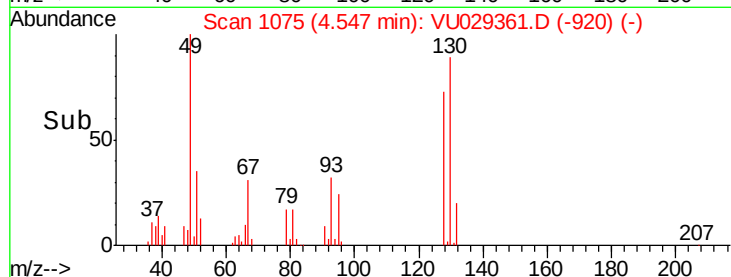
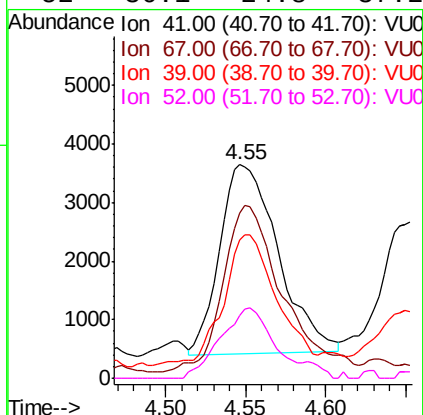
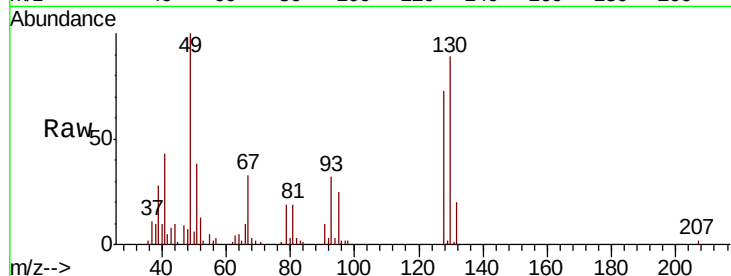




#39
Methacrylonitrile
Concen: 1.689 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

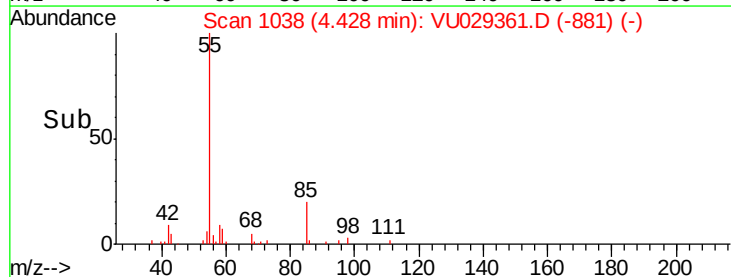
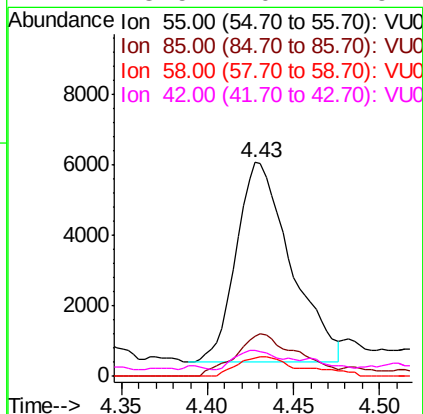
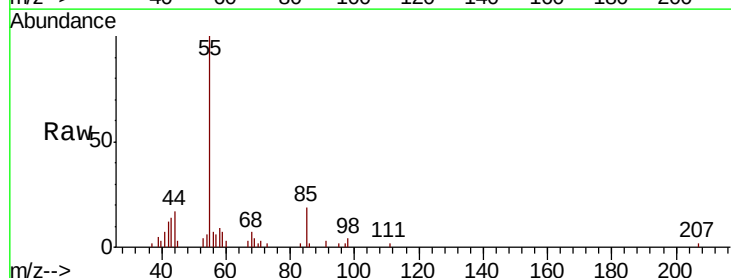
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

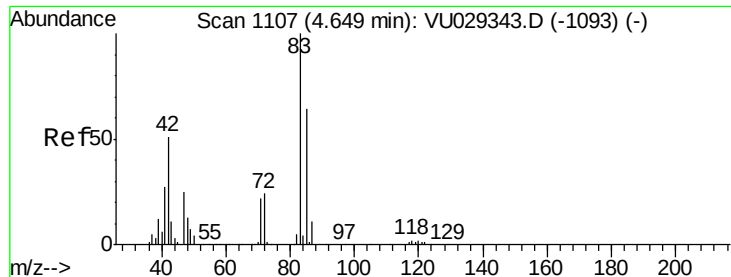
Tgt Ion:	41	Resp:	8067
Ion	Ratio	Lower	Upper
41	100		
67	89.3	50.1	75.1#
39	63.1	47.9	71.9
52	36.1	24.8	37.2



#40
Methyl acrylate
Concen: 1.731 ug/l
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion:	55	Resp:	12482
Ion	Ratio	Lower	Upper
55	100		
85	23.9	11.3	16.9#
58	11.2	6.2	9.4#
42	8.5	10.1	15.1#





#41

Tetrahydrofuran

Concen: 4.062 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

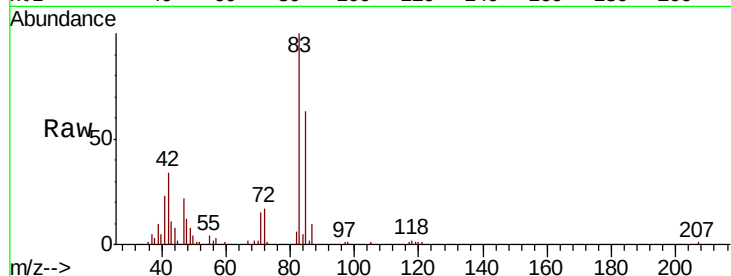
Tgt Ion: 42 Resp: 9772

Ion Ratio Lower Upper

42 100

72 50.0 33.1 49.7#

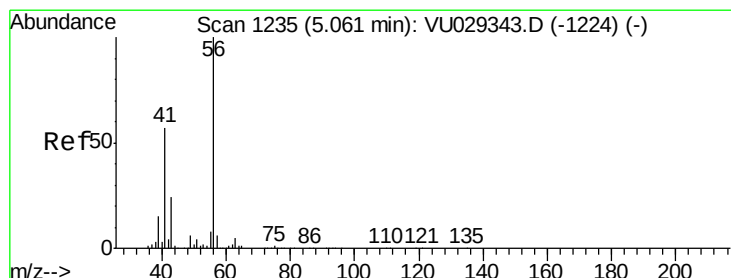
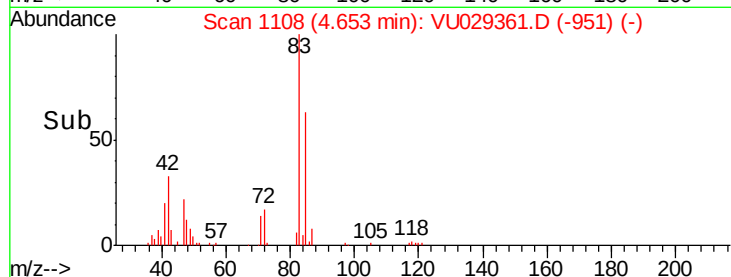
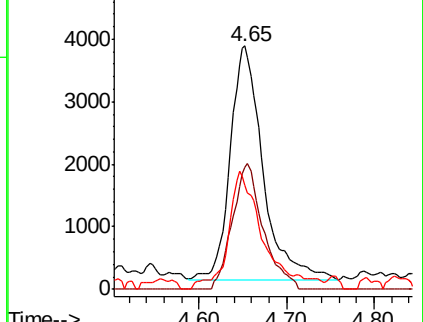
71 49.9 30.2 45.2#



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: 1.862 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU029361.D

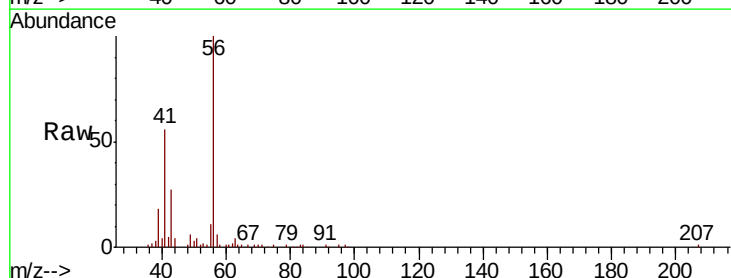
Acq: 06 Feb 2019 14:41

Tgt Ion: 56 Resp: 50849

Ion Ratio Lower Upper

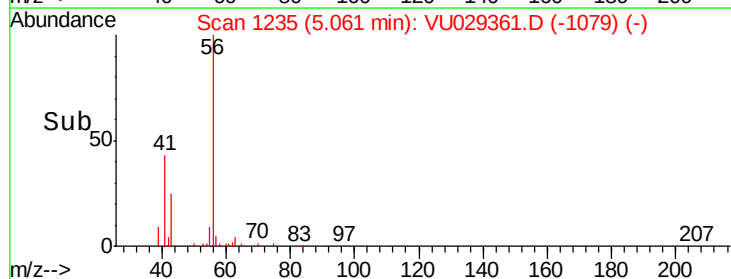
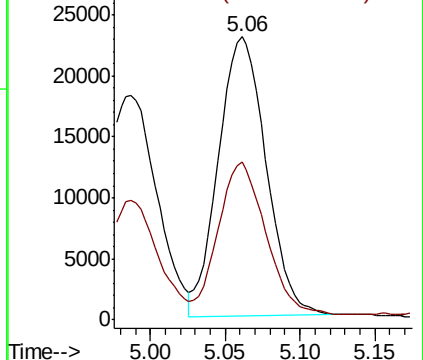
56 100

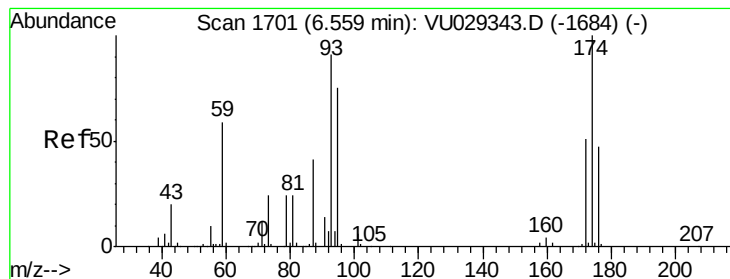
41 53.9 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.951 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

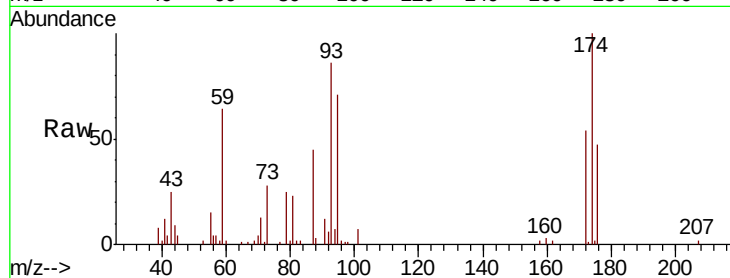
Tgt Ion: 93 Resp: 15245

Ion Ratio Lower Upper

93 100

95 87.9 68.2 102.2

174 118.5 77.6 116.4#

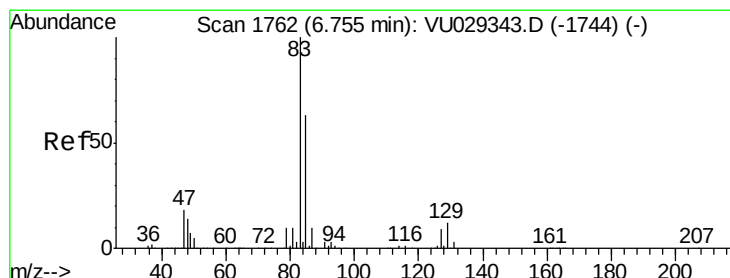
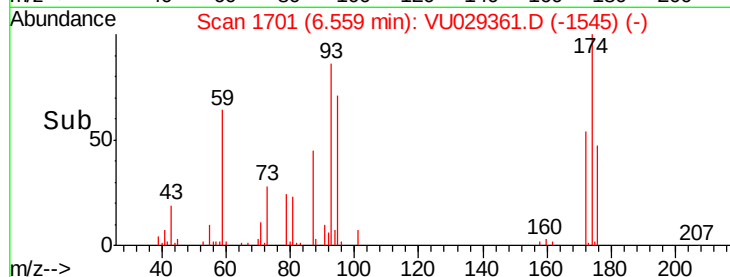
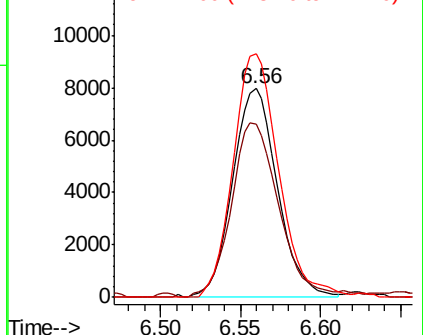


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 2.015 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

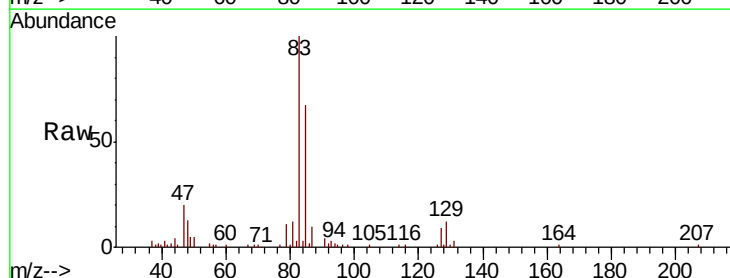
Tgt Ion: 83 Resp: 40106

Ion Ratio Lower Upper

83 100

85 67.2 49.2 73.8

127 9.1 7.0 10.6

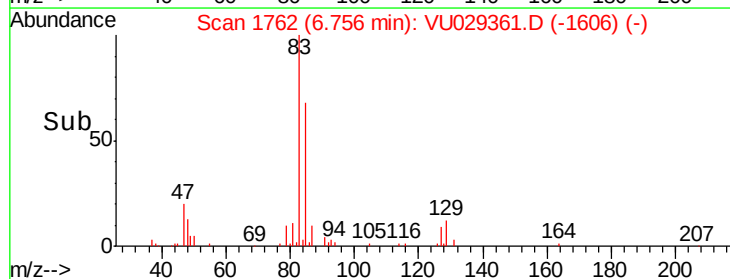
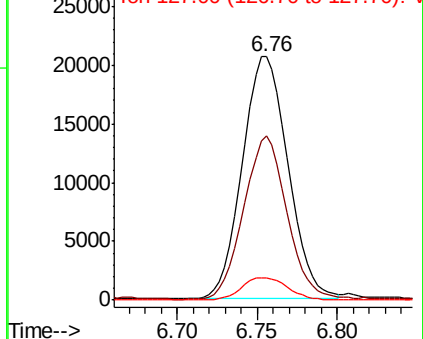


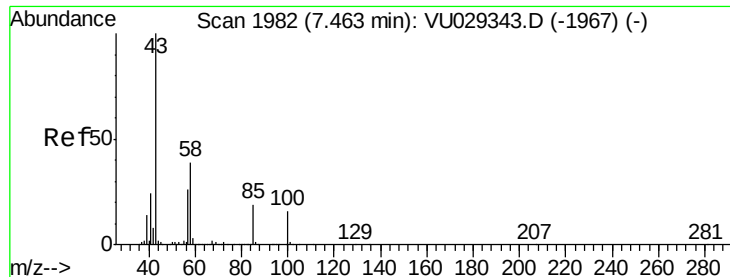
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

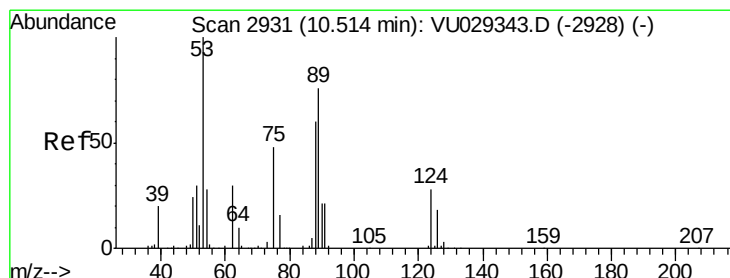
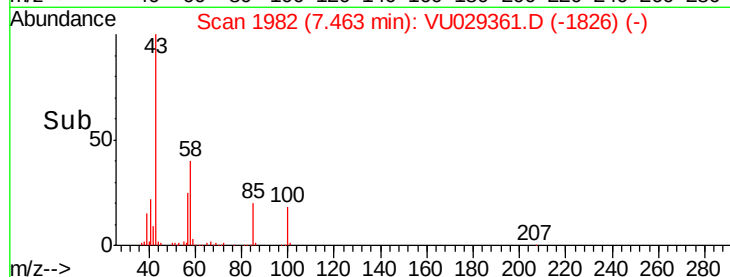
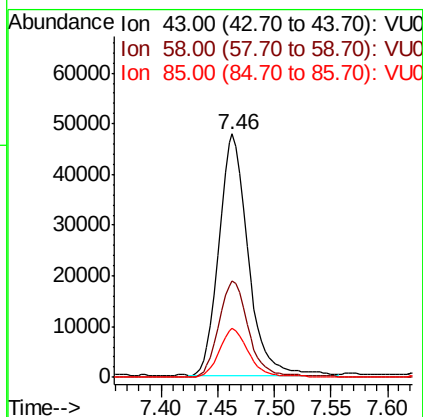
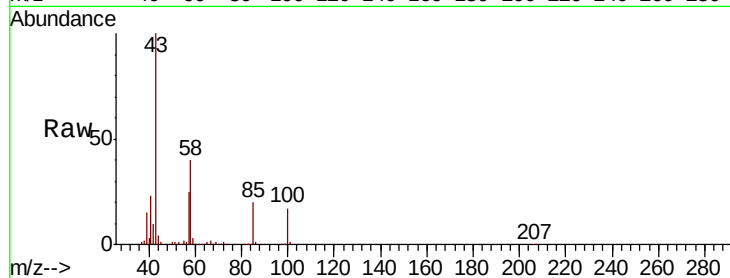




#45
 4-Methyl-2-Pentanone
 Concen: 9.338 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

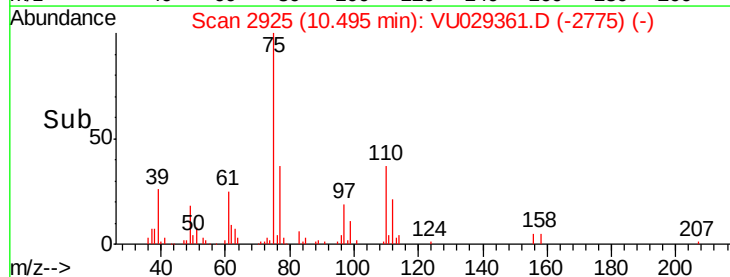
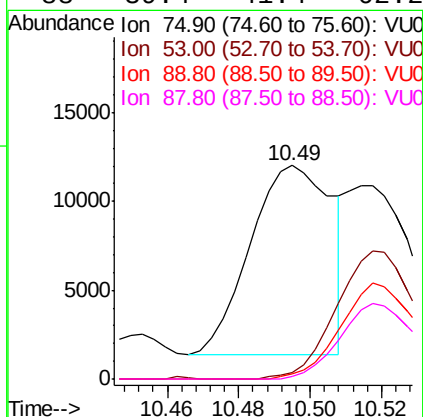
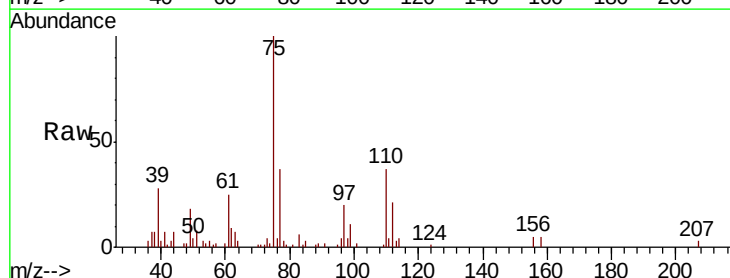
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

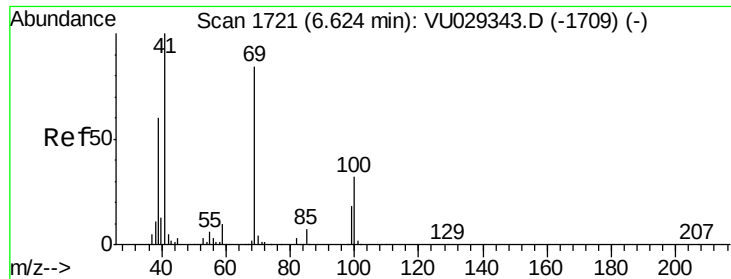
Tgt Ion: 43 Resp: 85515
 Ion Ratio Lower Upper
 43 100
 58 41.3 17.6 52.8
 85 20.6 12.3 18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.802 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion: 75 Resp: 16962
 Ion Ratio Lower Upper
 75 100
 53 70.4 78.2 117.4#
 89 50.2 44.2 66.4
 88 39.4 41.4 62.2#





#47

Methyl methacrylate

Concen: 3.993 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 69 Resp: 27449

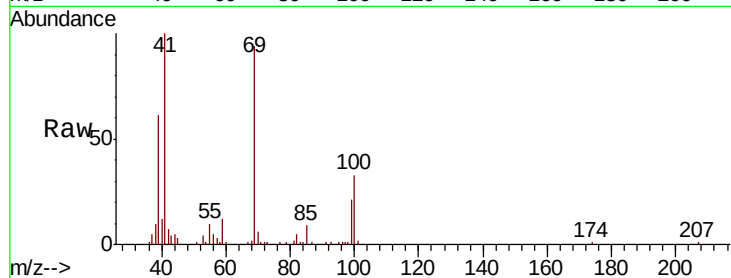
Ion Ratio Lower Upper

69 100

41 109.8 0.0 296.2

39 68.7 71.2 106.8#

100 37.6 28.6 42.8

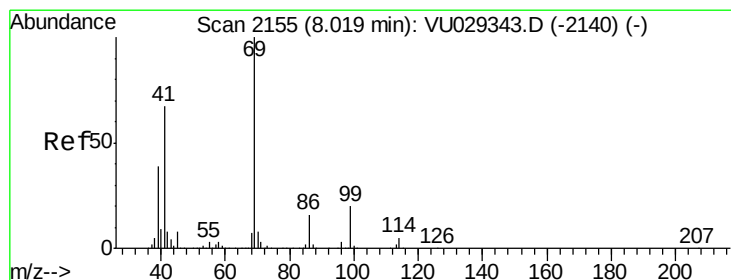
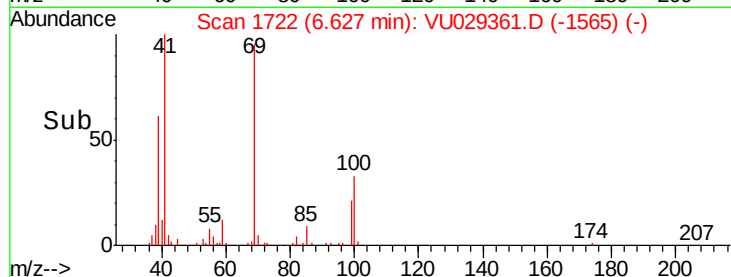
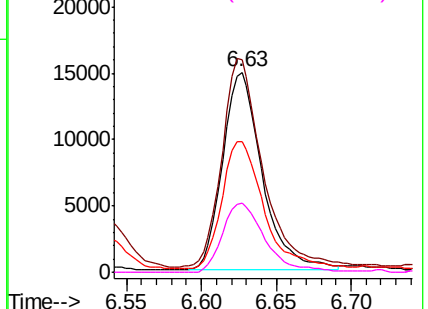


Abundance Ion 69.00 (68.70 to 69.70): VU029343.D (-1709) (-)

Ion 41.00 (40.70 to 41.70): VU029343.D (-1709) (-)

Ion 39.00 (38.70 to 39.70): VU029343.D (-1709) (-)

Ion 100.00 (99.70 to 100.70): VU029343.D (-1709) (-)



#48

Ethyl methacrylate

Concen: 1.942 ug/l

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VU029361.D

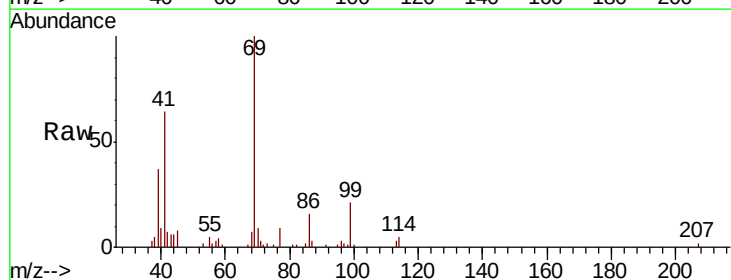
Acq: 06 Feb 2019 14:41

Tgt Ion: 69 Resp: 28642

Ion Ratio Lower Upper

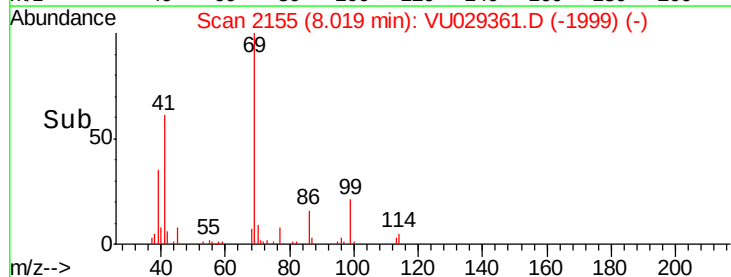
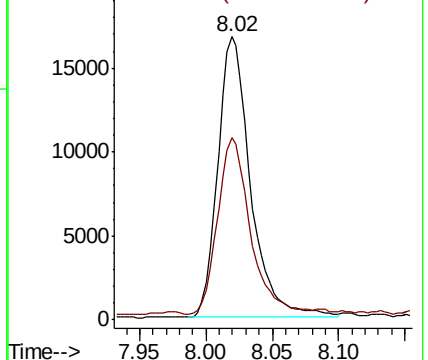
69 100

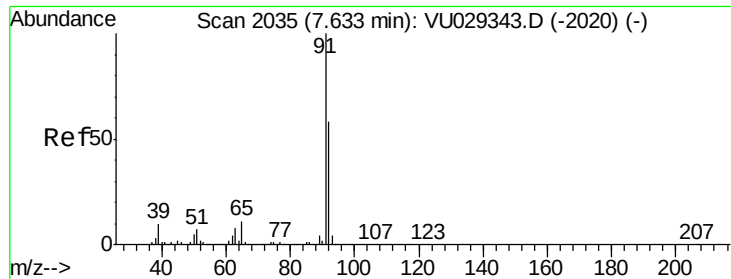
41 62.2 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU029343.D (-2140) (-)

Ion 41.00 (40.70 to 41.70): VU029343.D (-2140) (-)





#49

Toluene

Concen: 2.006 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

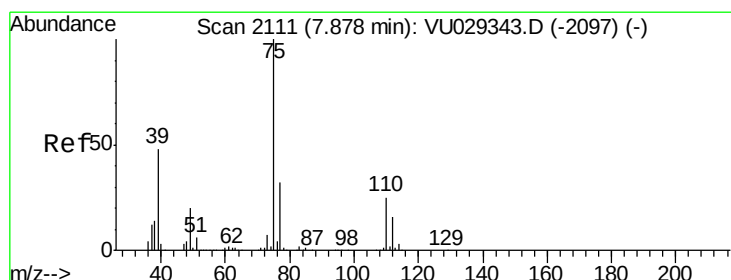
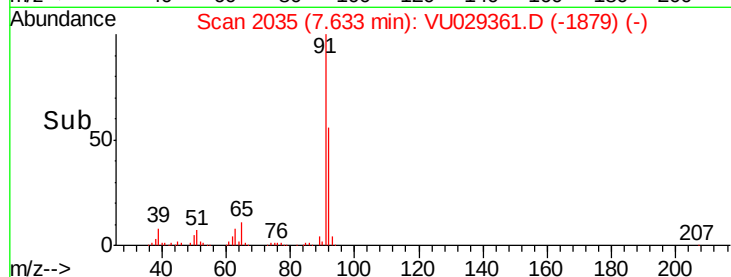
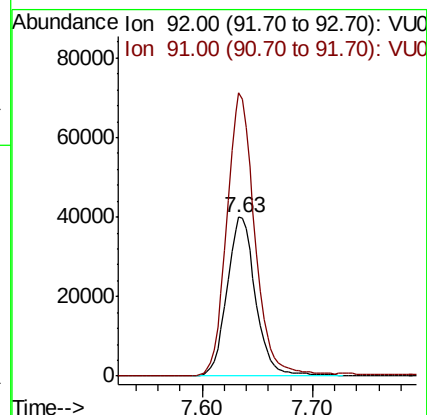
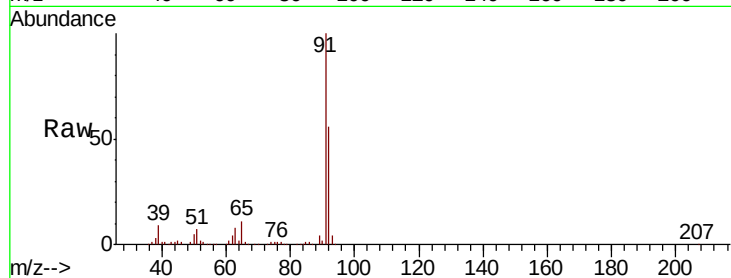
VU0206WBSD01

Tgt Ion: 92 Resp: 72329

Ion Ratio Lower Upper

92 100

91 173.0 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 1.904 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029361.D

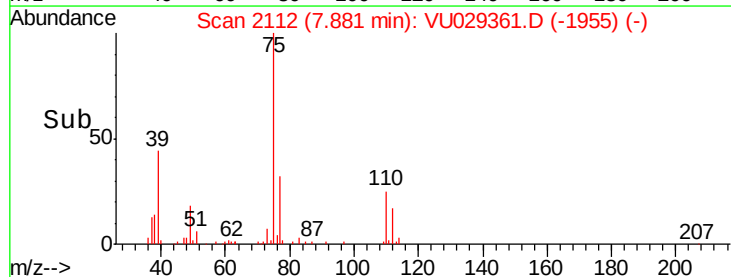
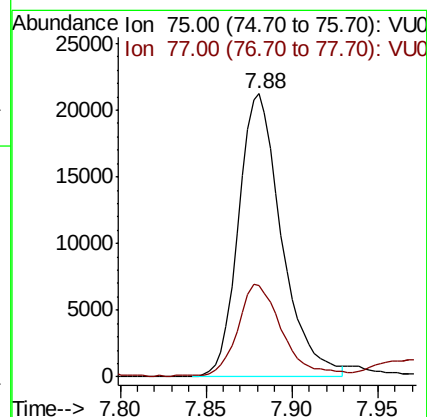
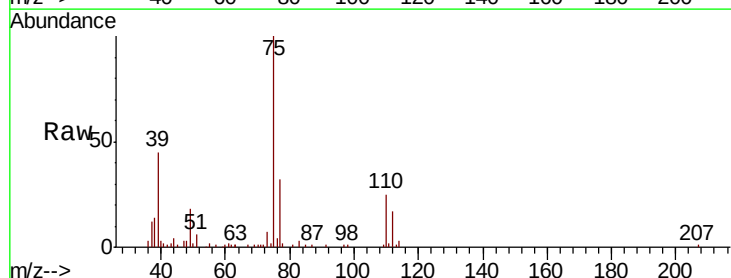
Acq: 06 Feb 2019 14:41

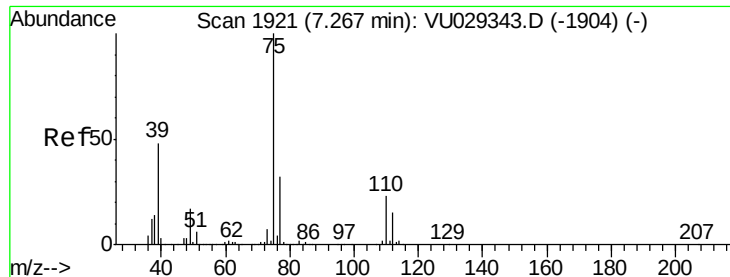
Tgt Ion: 75 Resp: 37144

Ion Ratio Lower Upper

75 100

77 31.4 23.6 35.4





#51

cis-1,3-Dichloropropene

Concen: 1.963 ug/l

RT: 7.27 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

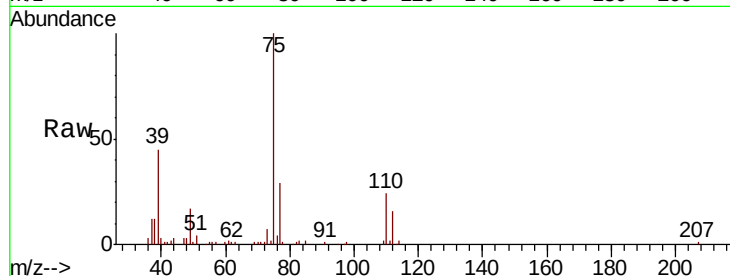
Tgt Ion: 75 Resp: 45506

Ion Ratio Lower Upper

75 100

77 29.3 24.9 37.3

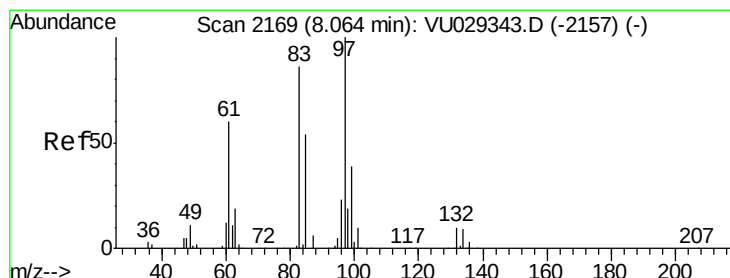
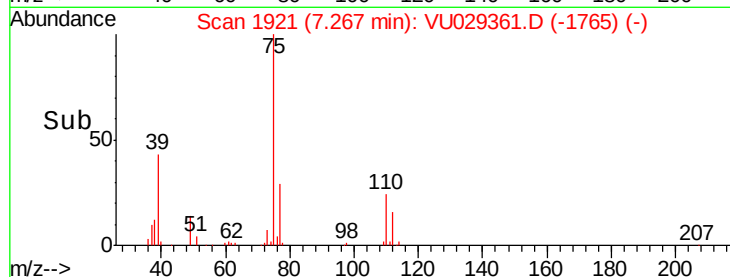
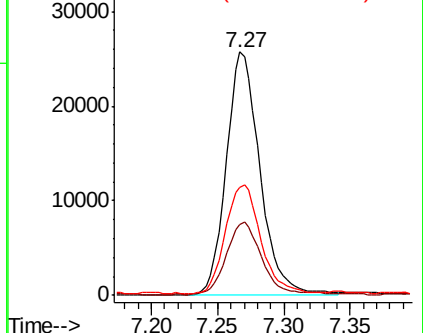
39 43.6 47.2 70.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane

Concen: 2.072 ug/l

RT: 8.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Tgt Ion: 97 Resp: 21428

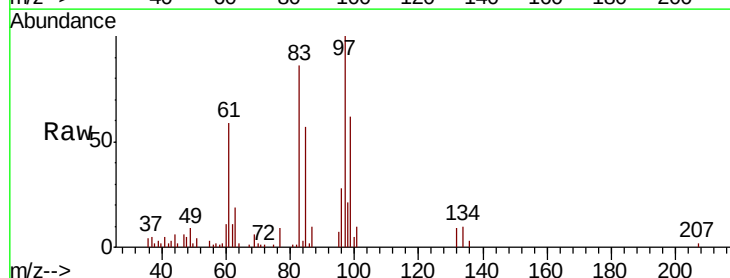
Ion Ratio Lower Upper

97 100

83 87.2 69.9 104.9

85 57.9 45.8 68.6

99 62.1 50.2 75.2

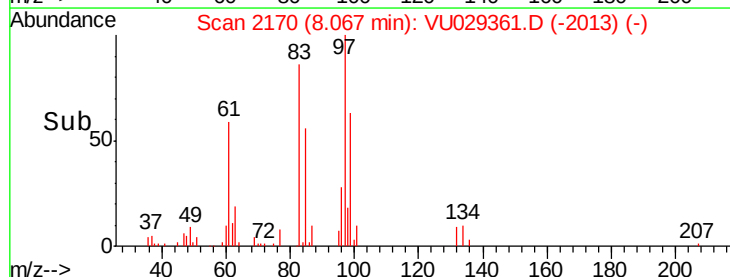
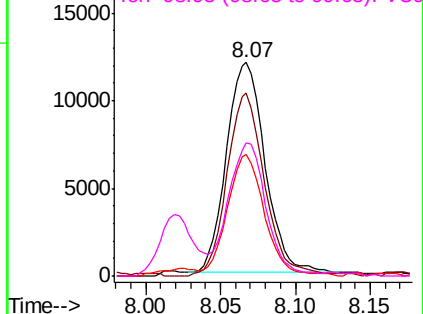


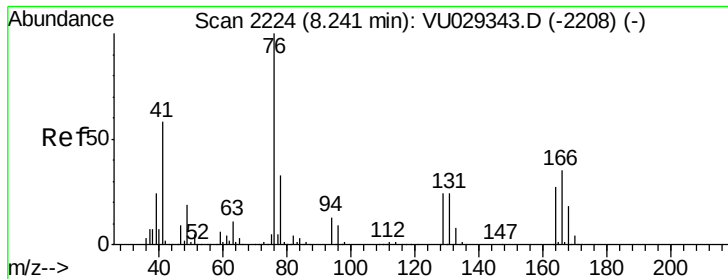
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0

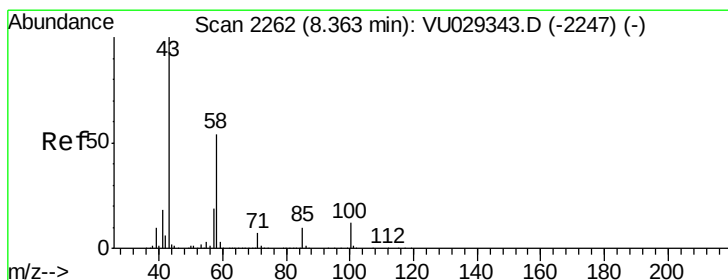
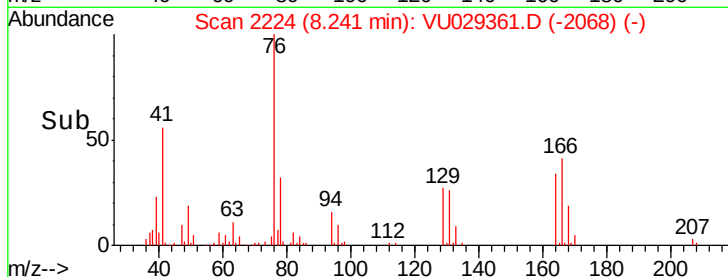
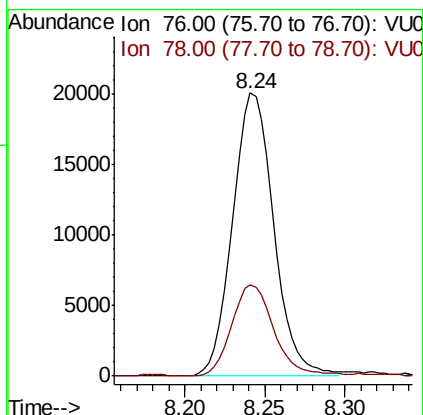
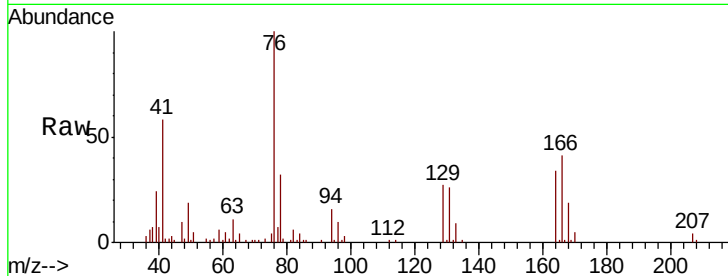




#53
 1,3-Dichloropropane
 Concen: 1.939 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

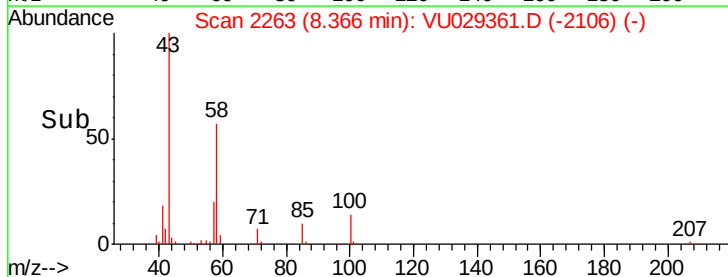
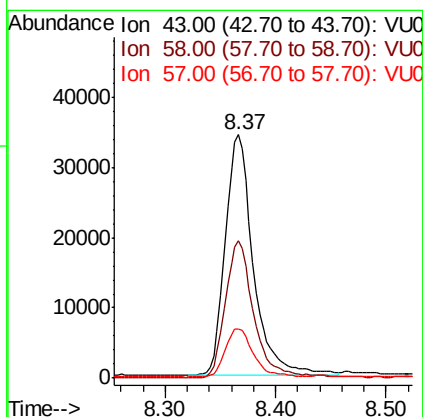
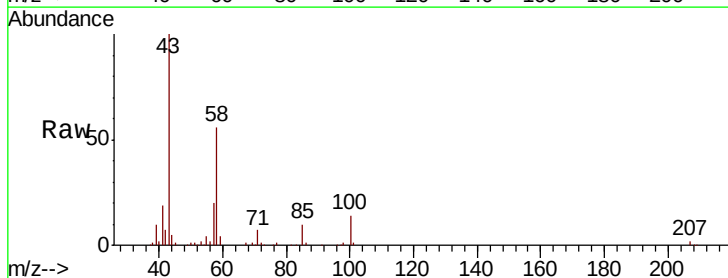
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

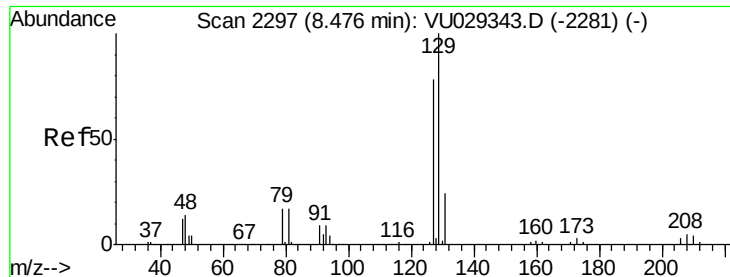
Tgt Ion: 76 Resp: 35223
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.3 39.5



#54
 2-Hexanone
 Concen: 9.485 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion: 43 Resp: 60888
 Ion Ratio Lower Upper
 43 100
 58 57.1 26.0 66.0
 57 19.4 0.0 37.7





#55

Dibromochloromethane

Concen: 2.071 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

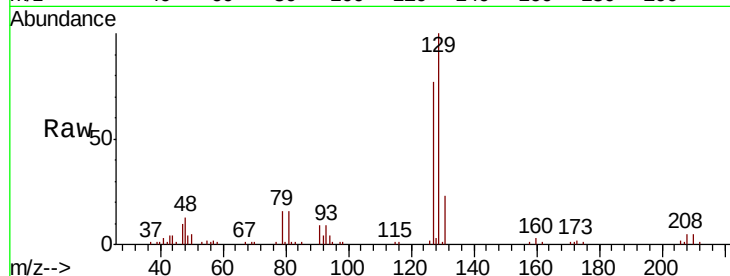
VU0206WBSD01

Tgt Ion:129 Resp: 30445

Ion Ratio Lower Upper

129 100

127 76.0 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.48

20000

15000

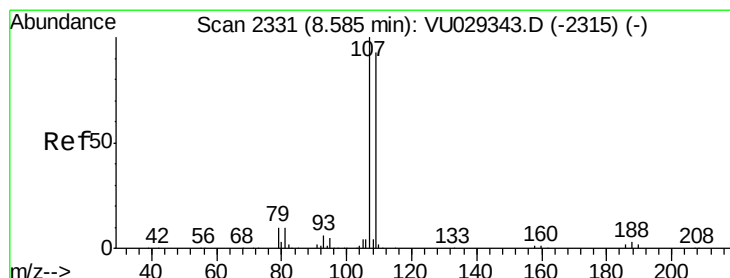
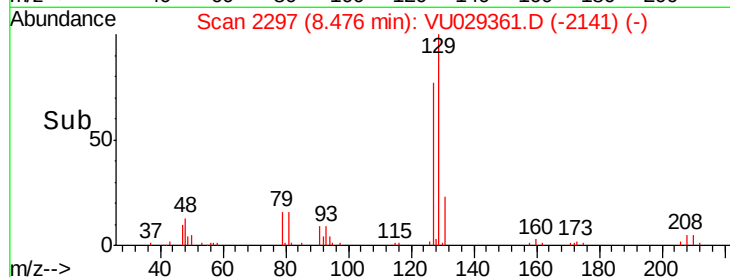
10000

5000

0

Time-->

8.40 8.45 8.50 8.55



#56

1,2-Dibromoethane

Concen: 2.032 ug/l

RT: 8.59 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029361.D

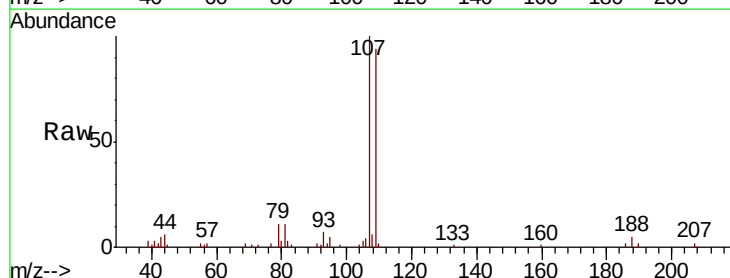
Acq: 06 Feb 2019 14:41

Tgt Ion:107 Resp: 21565

Ion Ratio Lower Upper

107 100

109 95.6 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.59

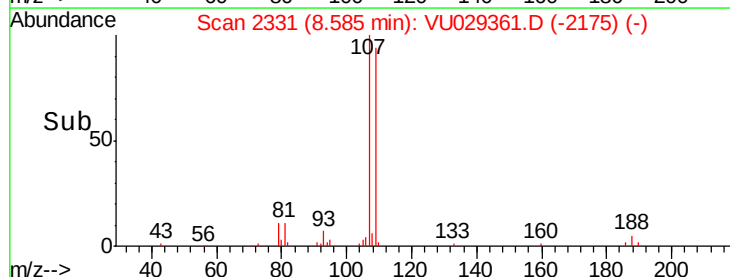
10000

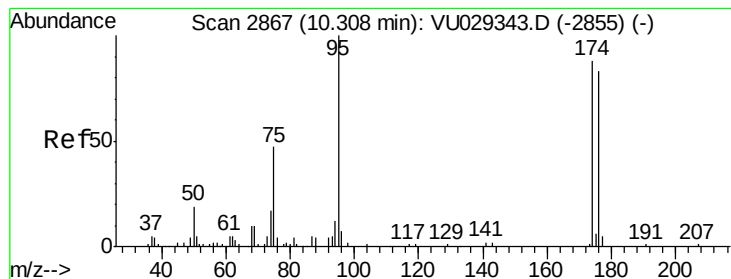
5000

0

Time-->

8.50 8.55 8.60 8.65 8.70





#57

4-Bromofluorobenzene

Concen: 2.032 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

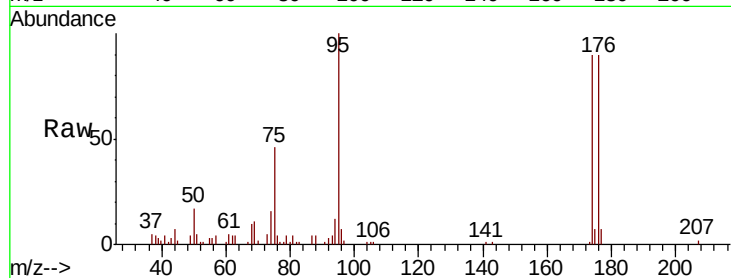
Tgt Ion: 95 Resp: 20111

Ion Ratio Lower Upper

95 100

174 90.0 64.2 96.2

176 88.9 62.3 93.5

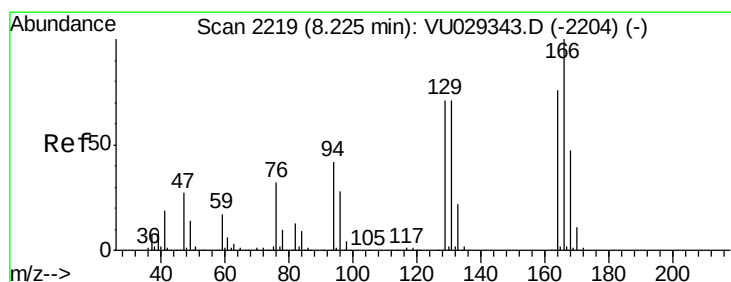
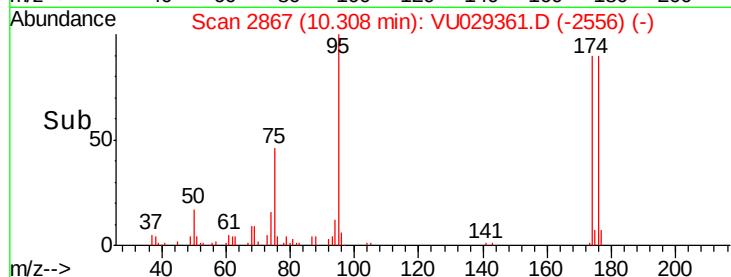
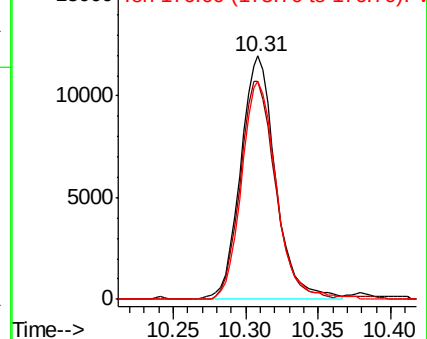


Abundance

Ion 95.00 (94.70 to 95.70): VU029361.D (-2556) (-)

Ion 174.00 (173.70 to 174.70): VU029361.D (-2556) (-)

Ion 176.00 (175.70 to 176.70): VU029361.D (-2556) (-)



#58

Tetrachloroethene

Concen: 2.143 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Tgt Ion: 164 Resp: 32244

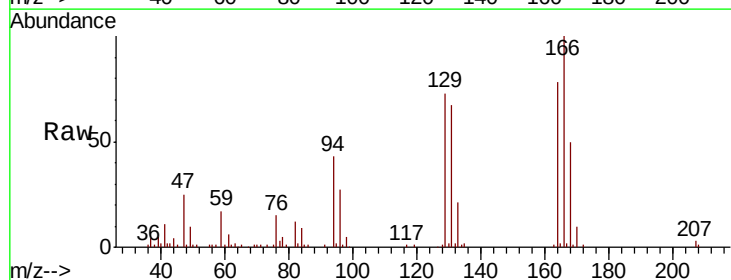
Ion Ratio Lower Upper

164 100

166 127.8 106.6 159.8

129 92.8 79.9 119.9

131 86.1 75.8 113.8



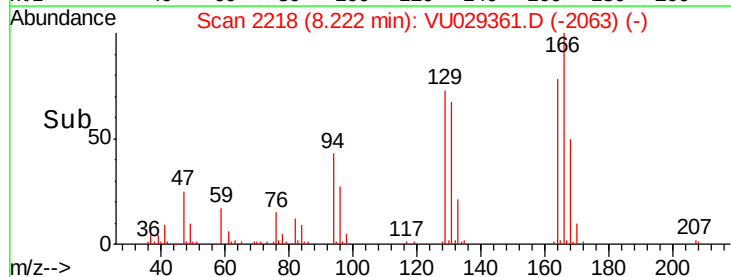
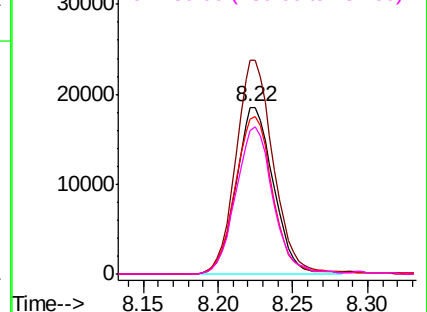
Abundance

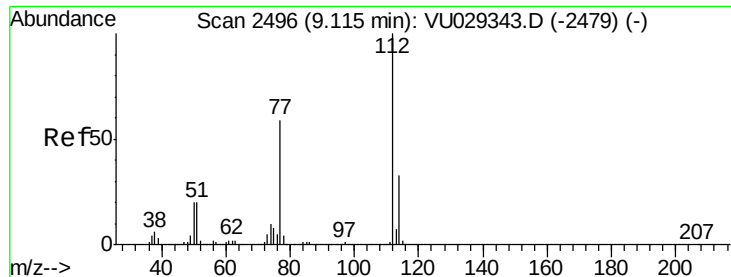
Ion 163.85 (163.55 to 164.55): VU029361.D (-2063) (-)

Ion 165.80 (165.50 to 166.50): VU029361.D (-2063) (-)

Ion 128.90 (128.60 to 129.60): VU029361.D (-2063) (-)

Ion 130.90 (130.60 to 131.60): VU029361.D (-2063) (-)

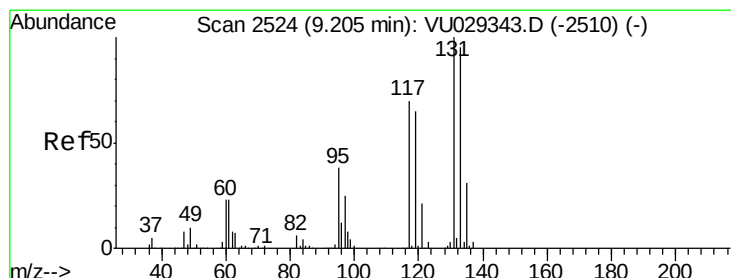
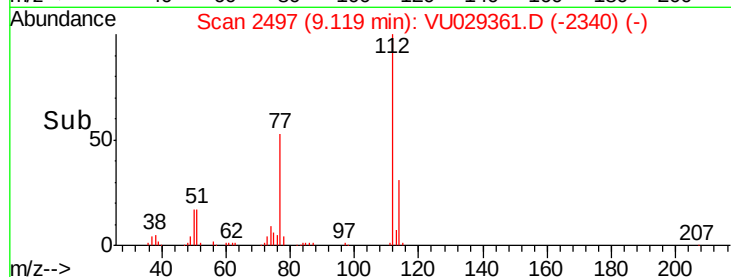
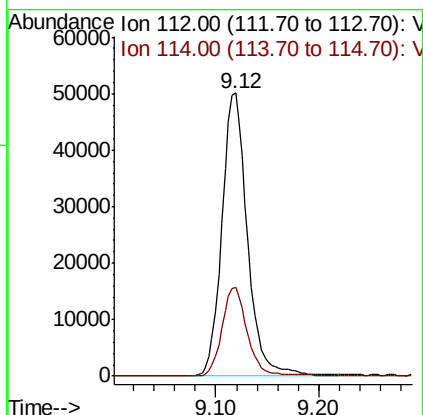
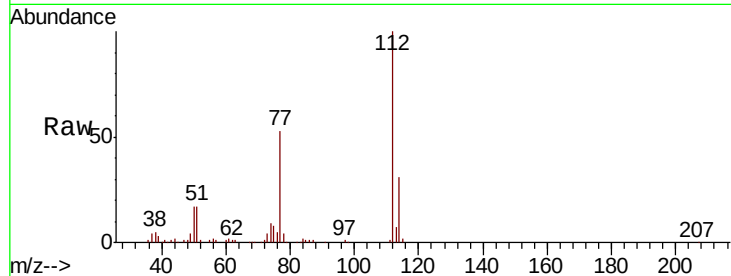




#59
Chlorobenzene
Concen: 2.127 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

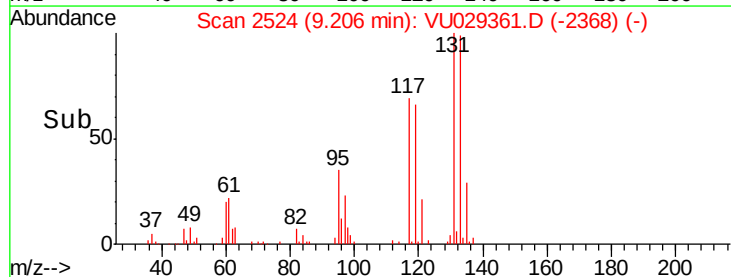
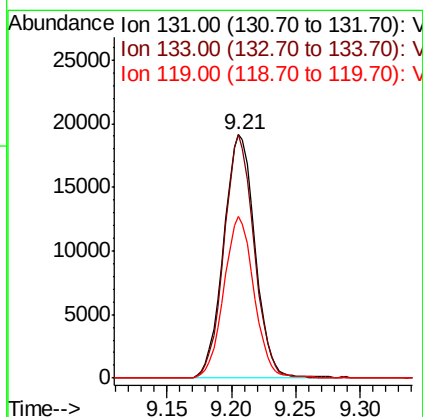
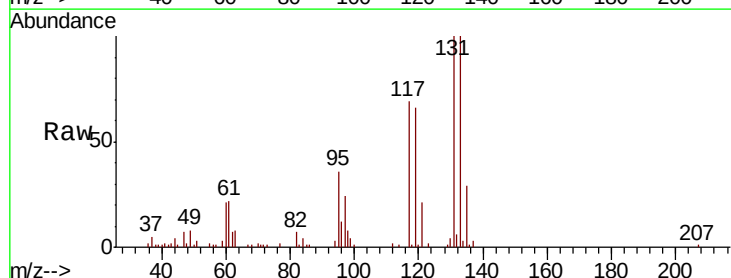
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

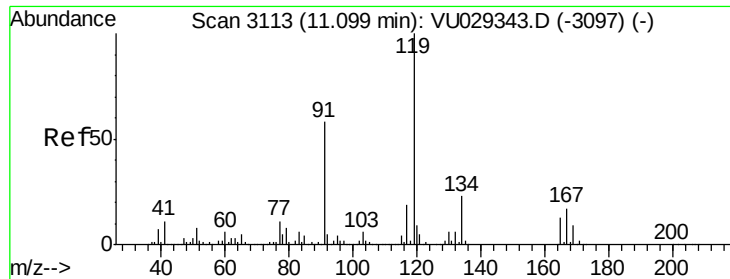
Tgt Ion:112 Resp: 86409
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#60
1,1,1,2-Tetrachloroethane
Concen: 2.157 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion:131 Resp: 32382
Ion Ratio Lower Upper
131 100
133 95.4 77.3 115.9
119 63.3 48.9 73.3

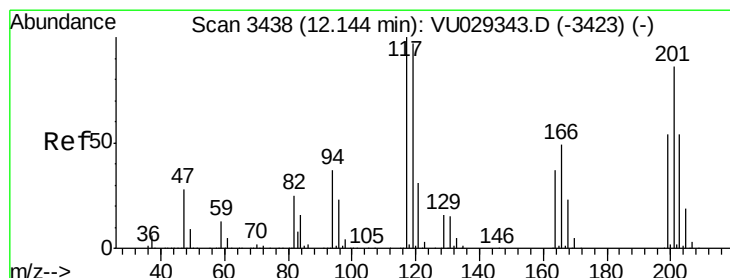
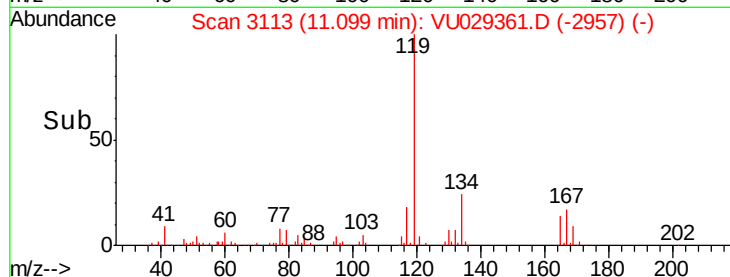
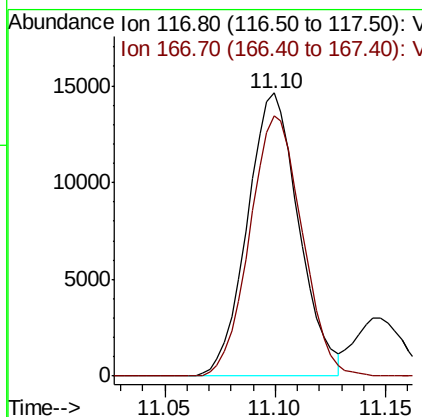
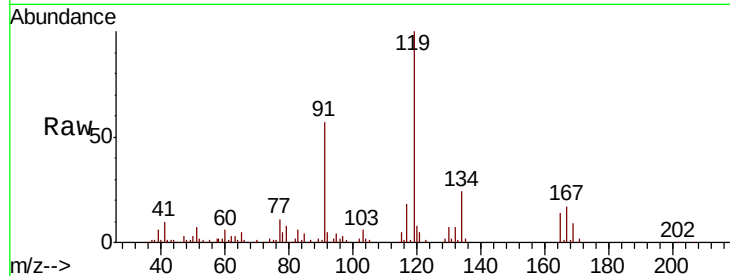




#61
 Pentachloroethane
 Concen: 2.049 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

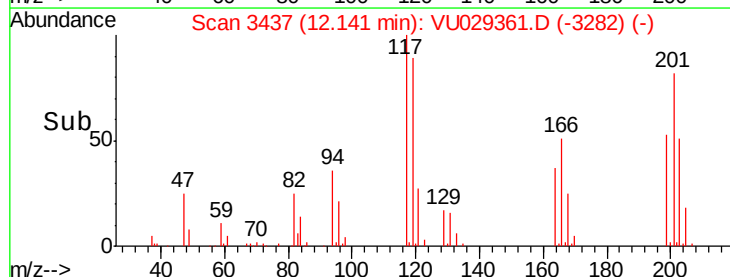
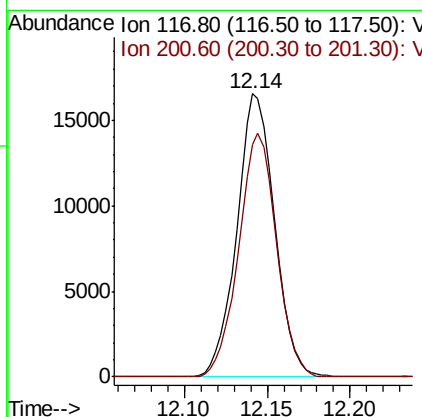
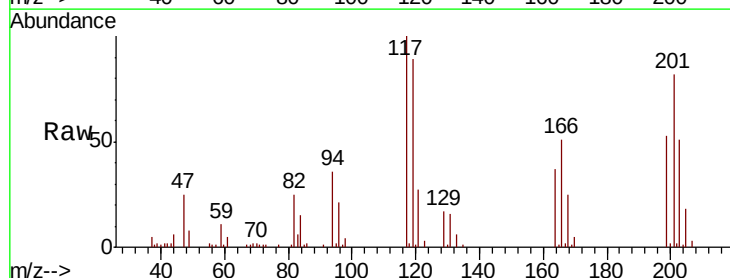
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

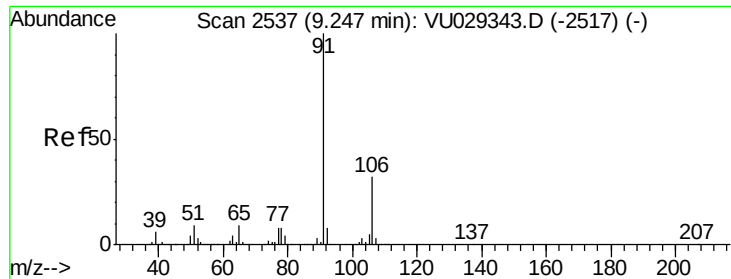
Tgt Ion:117 Resp: 23842
 Ion Ratio Lower Upper
 117 100
 167 93.0 65.9 98.9



#62
 Hexachloroethane
 Concen: 2.067 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion:117 Resp: 26244
 Ion Ratio Lower Upper
 117 100
 201 85.8 68.2 102.2

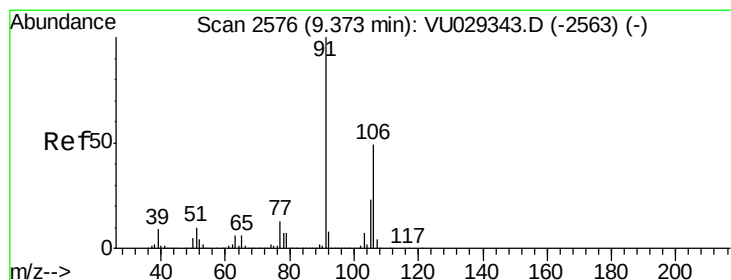
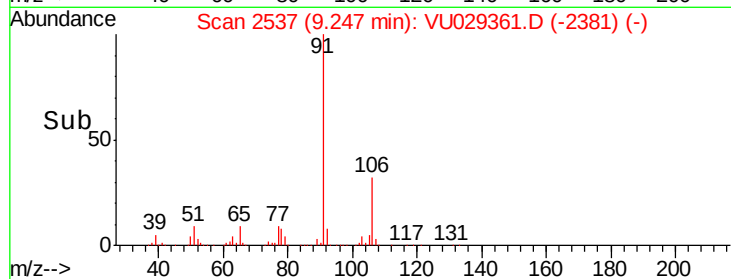
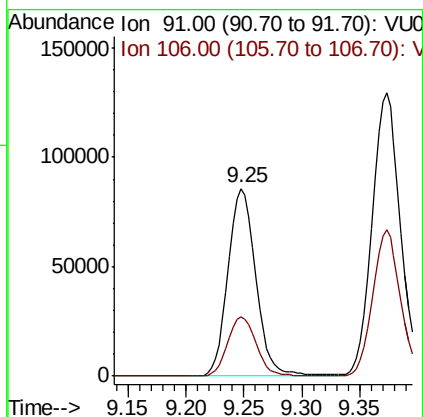
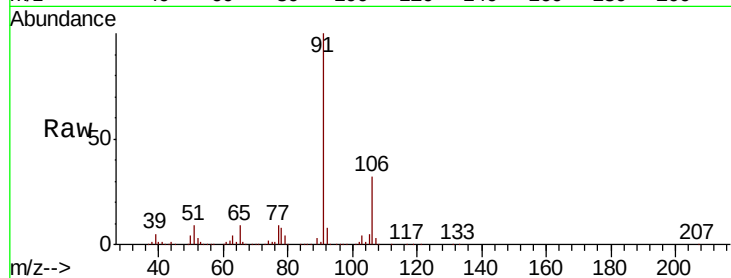




#63
Ethyl Benzene
Concen: 2.021 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

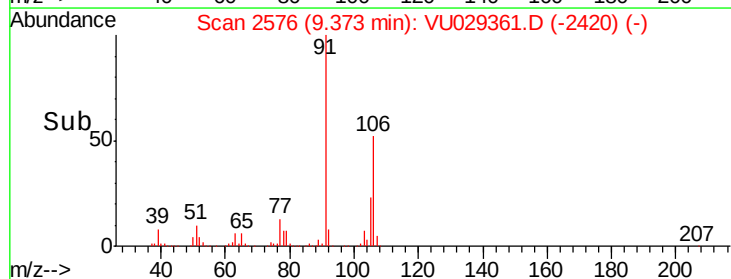
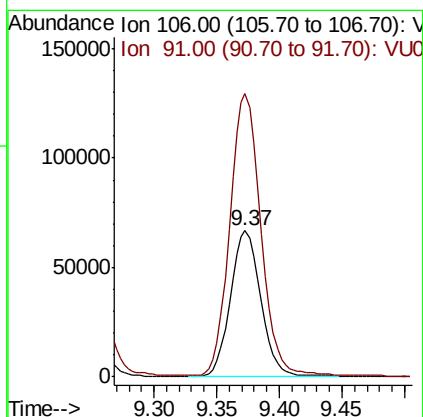
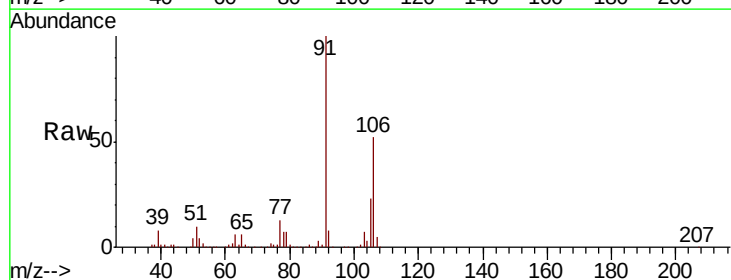
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

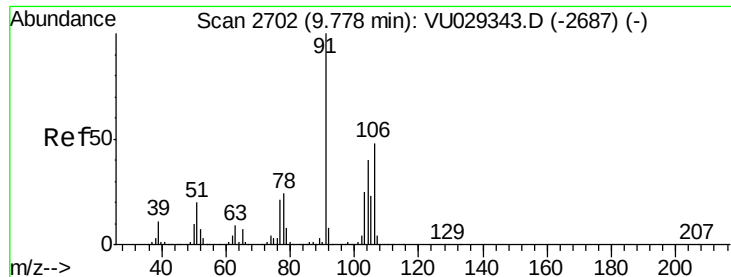
Tgt Ion: 91 Resp: 142600
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6



#64
m/p-Xylenes
Concen: 4.082 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion: 106 Resp: 111919
Ion Ratio Lower Upper
106 100
91 197.0 174.6 261.8





#65

o-Xylene

Concen: 2.015 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

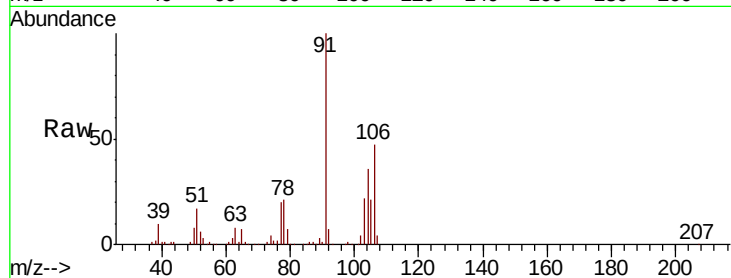
VU0206WBSD01

Tgt Ion:106 Resp: 54219

Ion Ratio Lower Upper

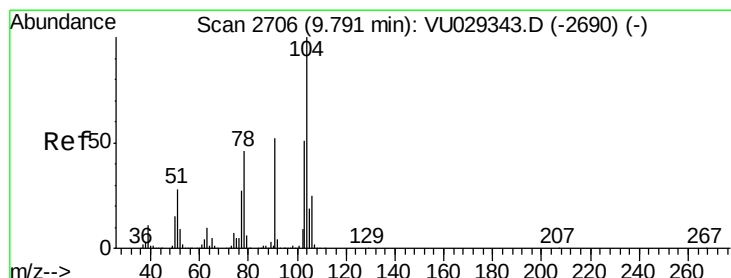
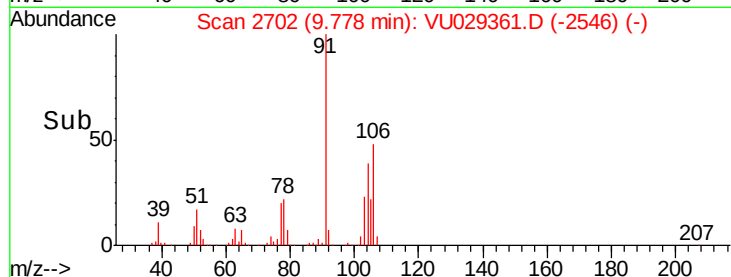
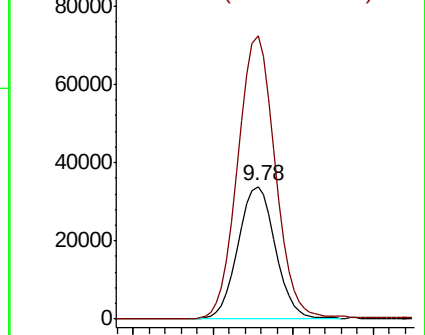
106 100

91 214.0 114.5 343.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 2.060 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

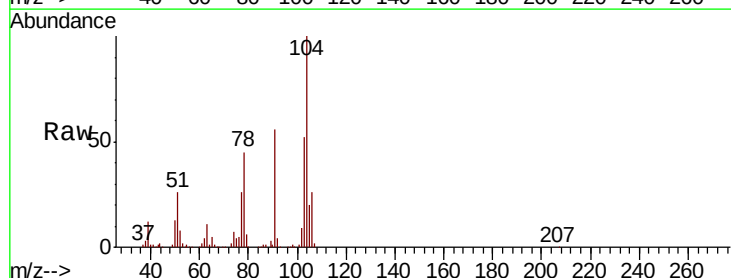
Tgt Ion:104 Resp: 92397

Ion Ratio Lower Upper

104 100

78 49.2 46.5 69.7

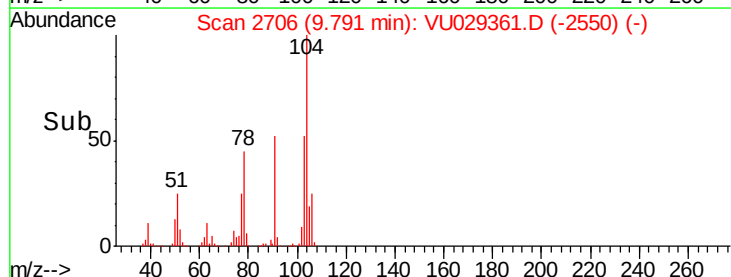
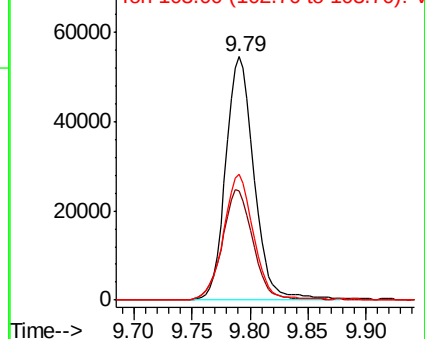
103 54.5 44.7 67.1

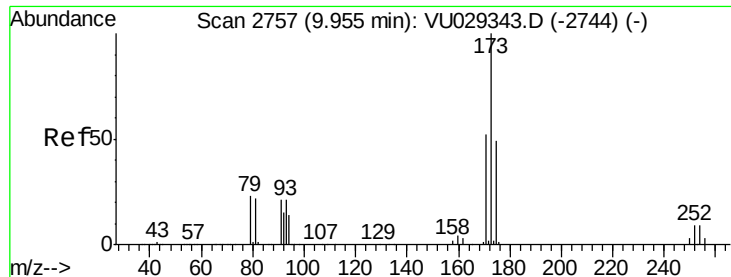


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

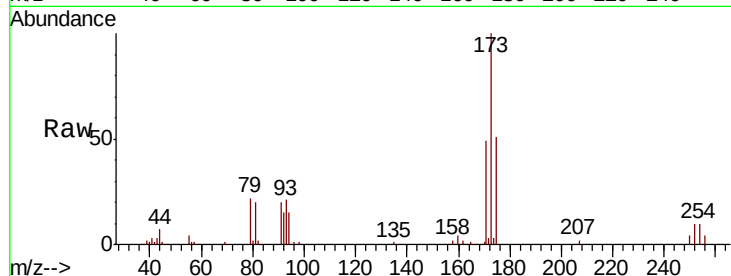




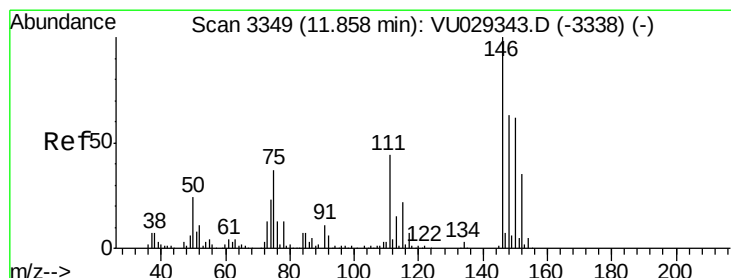
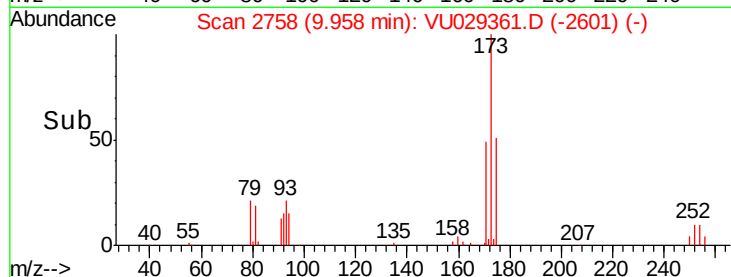
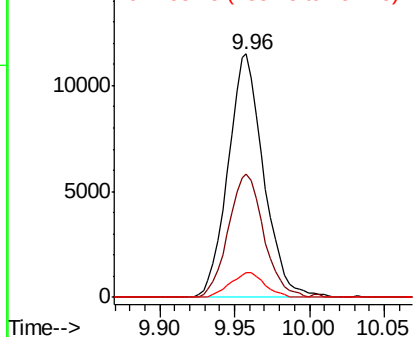
#67
Bromoform
Concen: 2.076 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

Tgt Ion:173 Resp: 18983
Ion Ratio Lower Upper
173 100
175 50.4 38.9 58.3
254 9.8 7.4 11.2

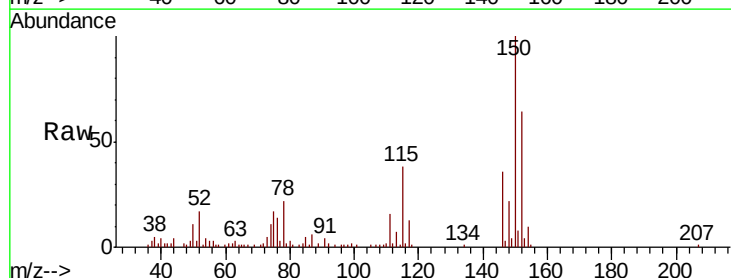


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

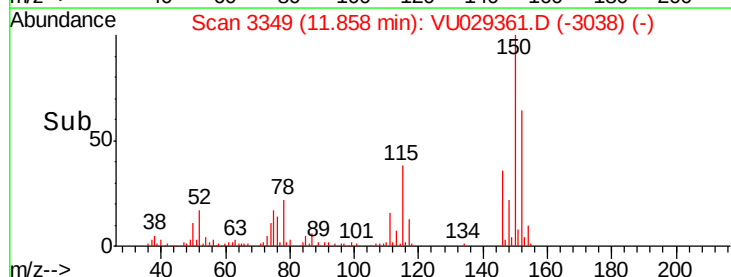
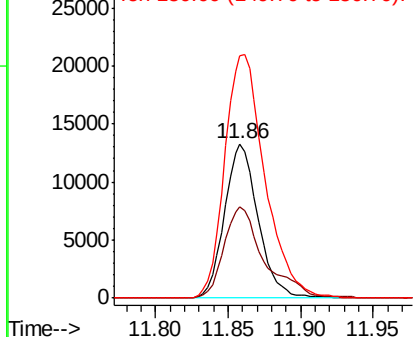


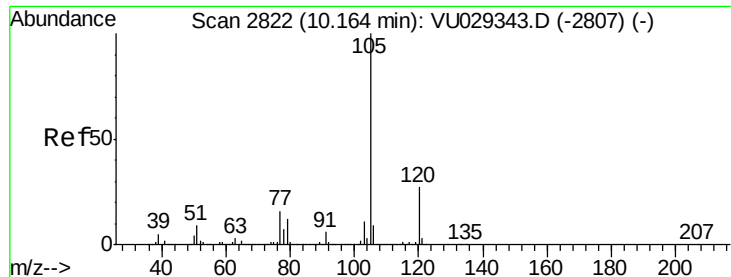
#68
1,2-Dichlorobenzene-d4
Concen: 2.076 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion:152 Resp: 21295
Ion Ratio Lower Upper
152 100
115 71.0 0.0 133.4
150 188.8 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: 2.064 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

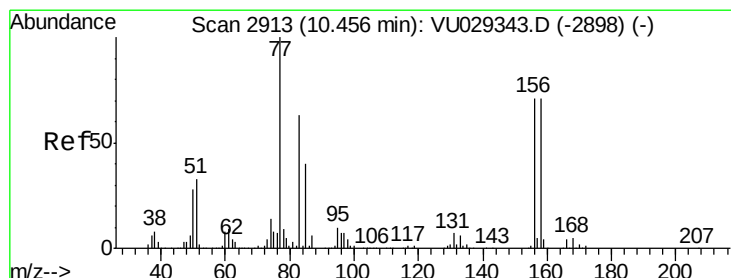
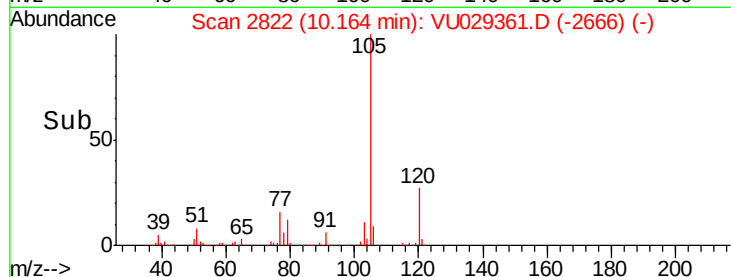
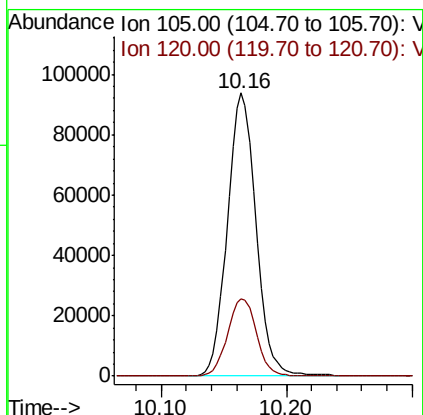
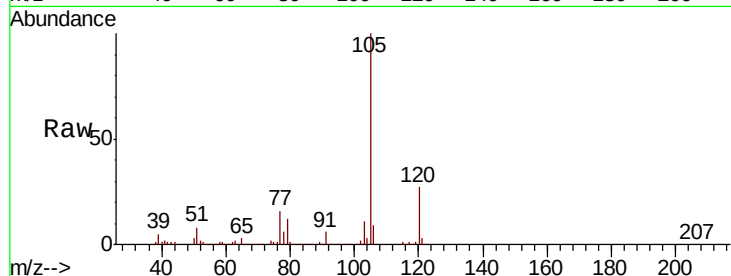
VU0206WBSD01

Tgt Ion:105 Resp: 148423

Ion Ratio Lower Upper

105 100

120 27.6 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.997 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

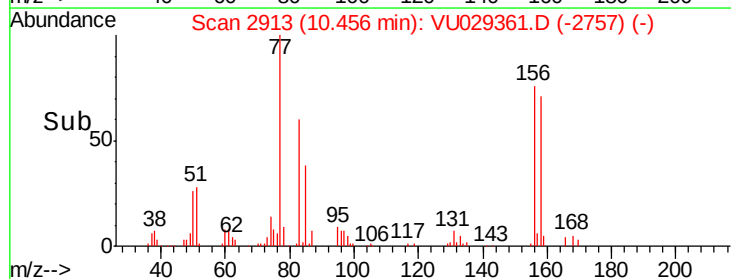
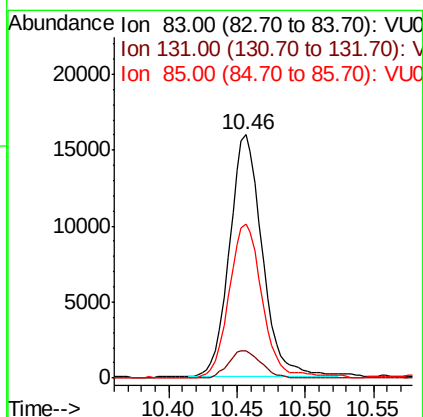
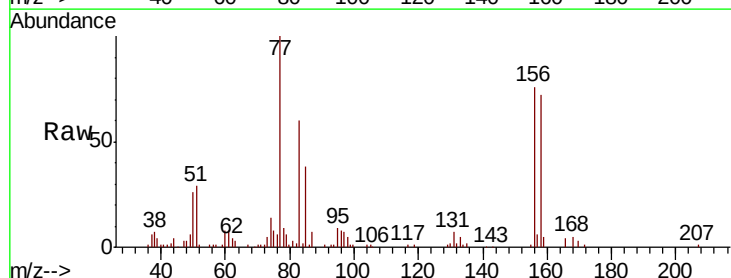
Tgt Ion: 83 Resp: 26477

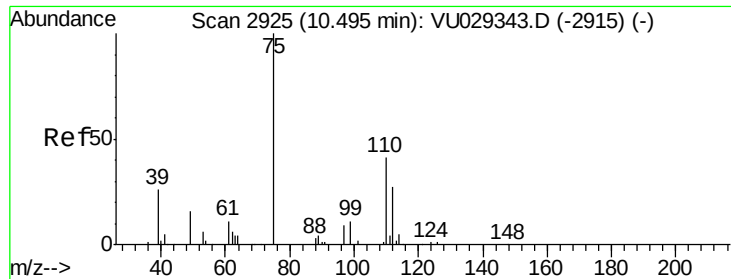
Ion Ratio Lower Upper

83 100

131 11.2 8.1 12.1

85 65.5 50.3 75.5





#71

1,2,3-Trichloropropane

Concen: 1.863 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

Tgt Ion: 75 Resp: 16962

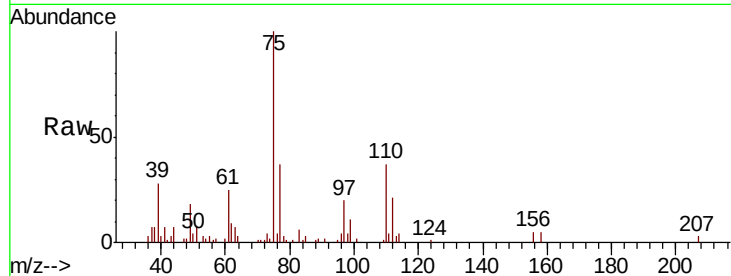
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 43.2 0.0 63.6

97 25.0 0.0 31.4

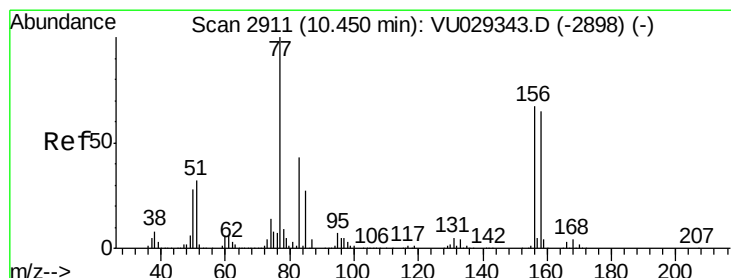
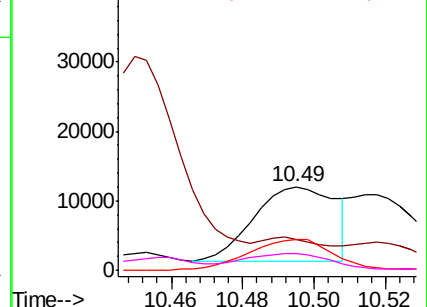
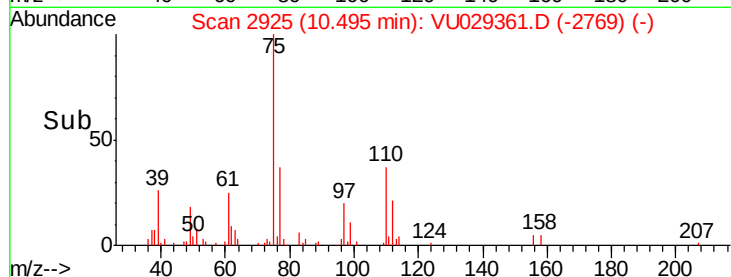


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 2.160 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

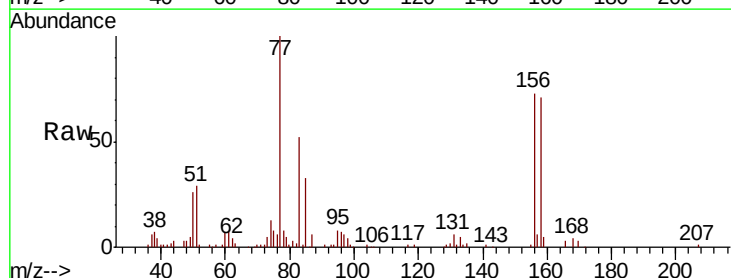
Tgt Ion: 156 Resp: 37643

Ion Ratio Lower Upper

156 100

77 135.5 0.0 343.8

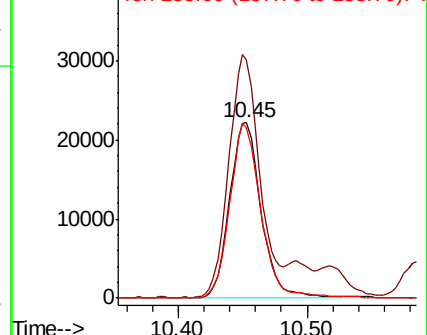
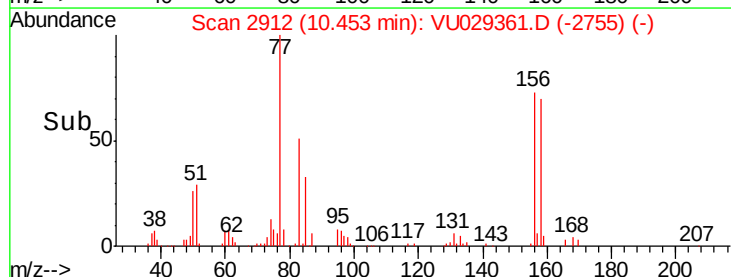
158 98.3 0.0 195.0

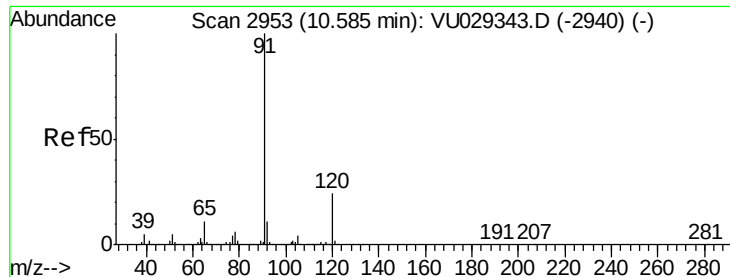


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

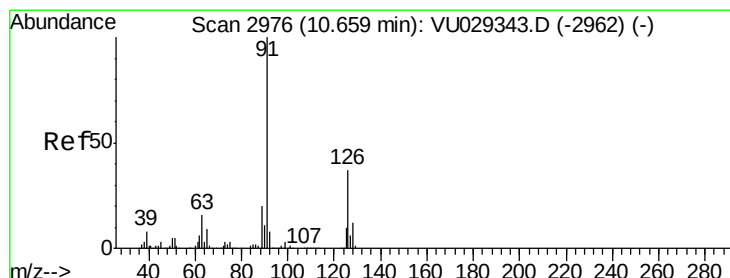
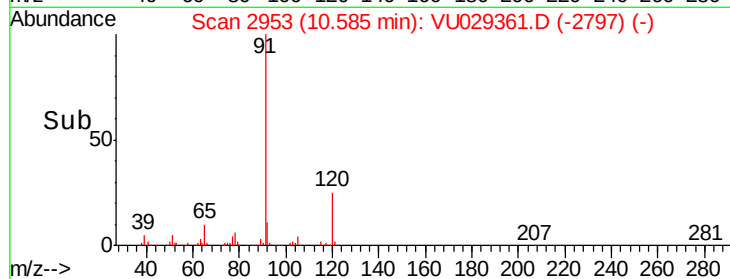
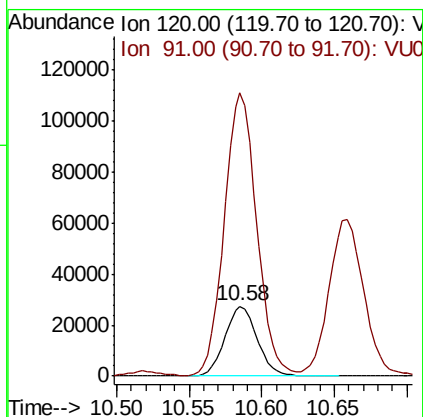
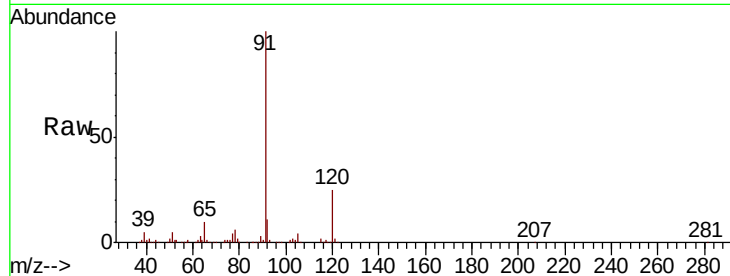




#73
n-propylbenzene
Concen: 2.113 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

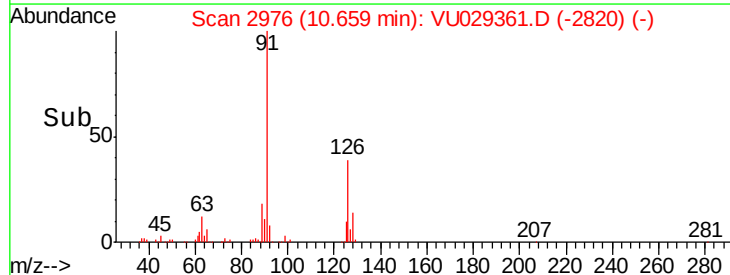
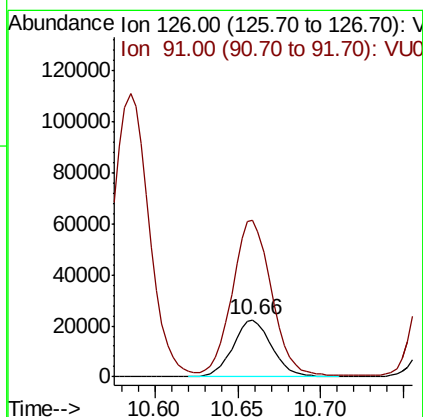
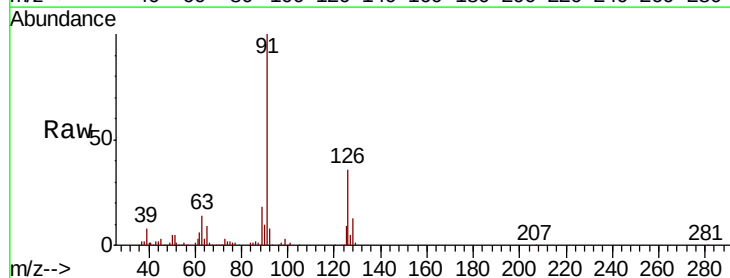
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

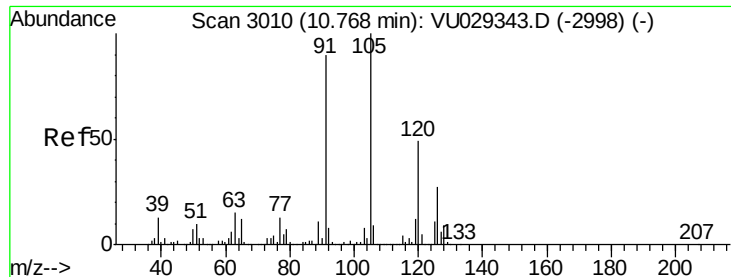
Tgt Ion:120 Resp: 42317
Ion Ratio Lower Upper
120 100
91 402.7 370.0 555.0



#74
2-Chlorotoluene
Concen: 2.126 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion:126 Resp: 36252
Ion Ratio Lower Upper
126 100
91 273.8 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 1.990 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

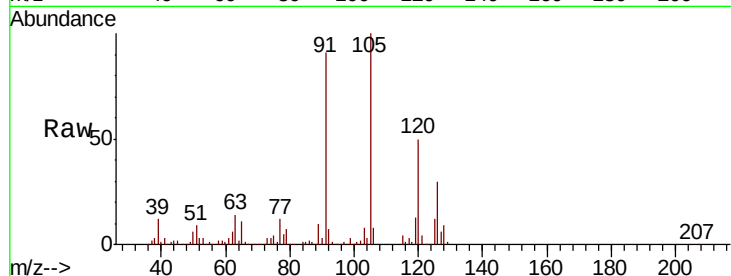
VU0206WBSD01

Tgt Ion:105 Resp: 123364

Ion Ratio Lower Upper

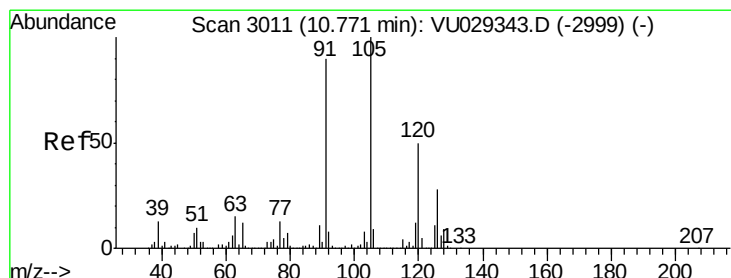
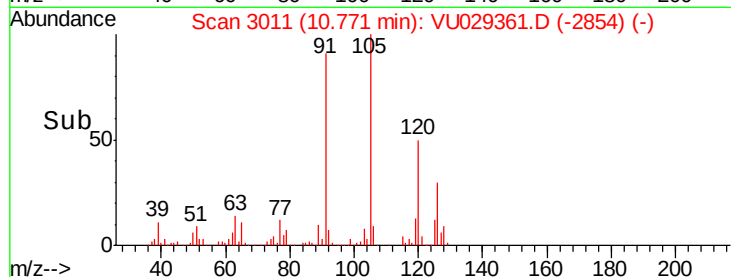
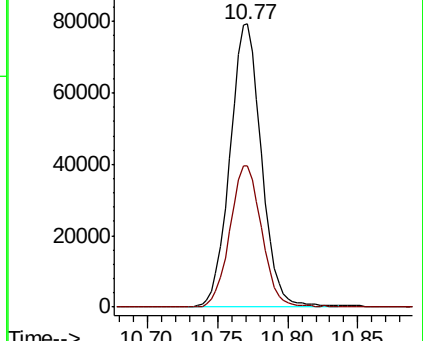
105 100

120 50.9 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.123 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029361.D

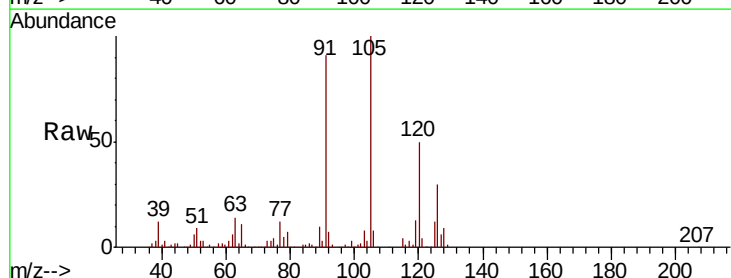
Acq: 06 Feb 2019 14:41

Tgt Ion:126 Resp: 37581

Ion Ratio Lower Upper

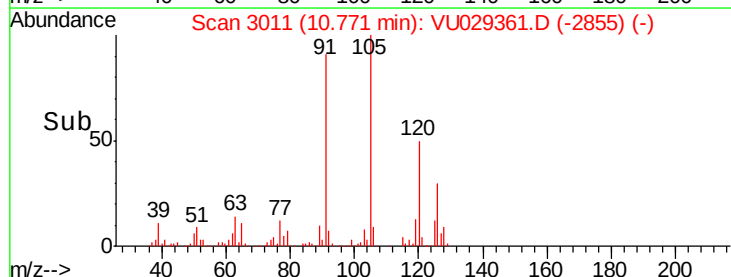
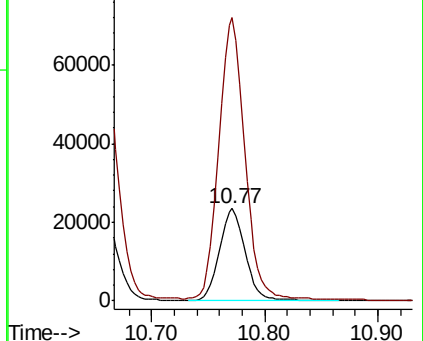
126 100

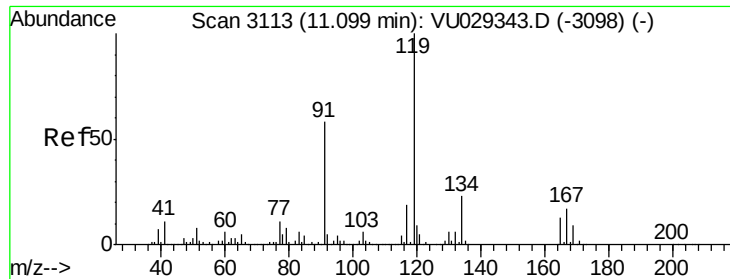
91 298.5 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

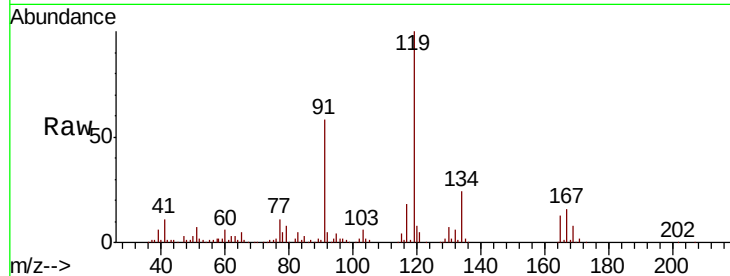




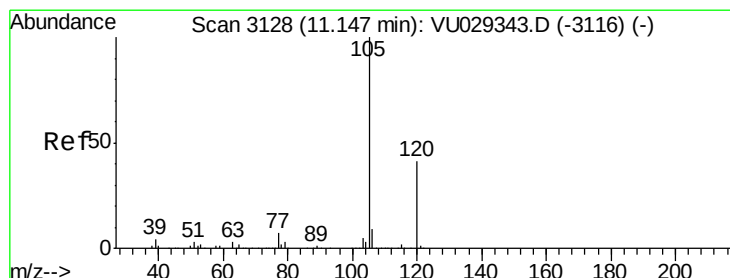
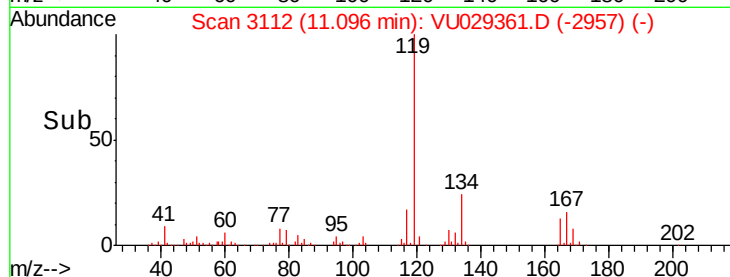
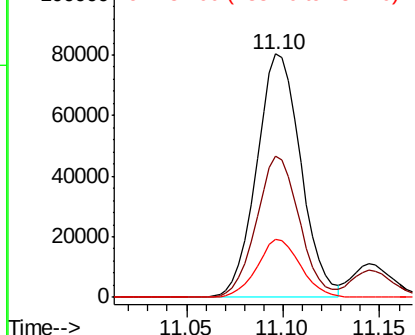
#77
 tert-Butylbenzene
 Concen: 2.090 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

Tgt Ion:119 Resp: 128057
 Ion Ratio Lower Upper
 119 100
 91 55.6 32.2 96.6
 134 23.5 17.6 26.4

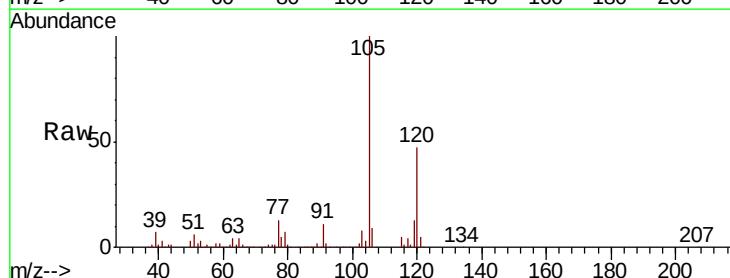


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

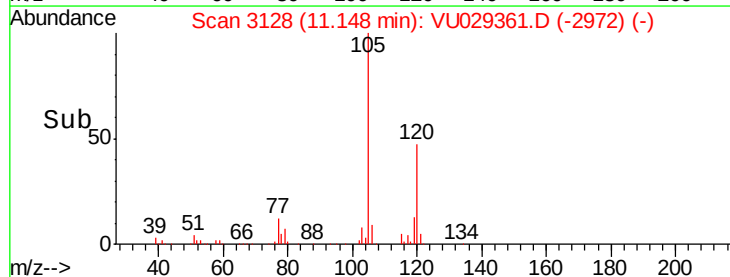
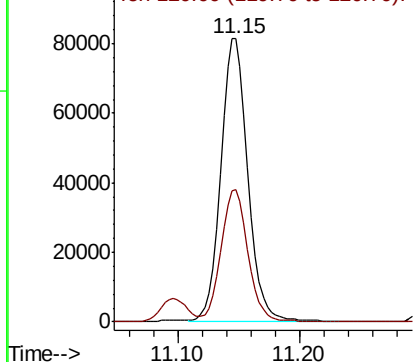


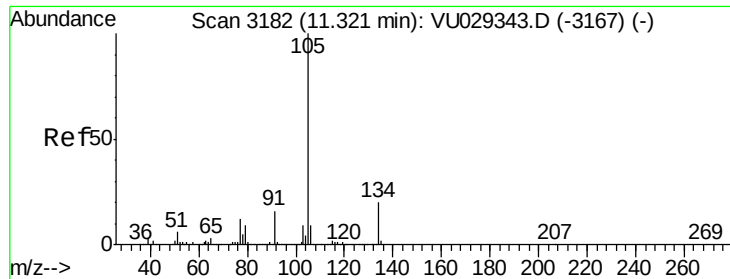
#78
 1,2,4-Trimethylbenzene
 Concen: 2.023 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion:105 Resp: 126954
 Ion Ratio Lower Upper
 105 100
 120 46.7 21.4 64.3



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





#79

sec-Butylbenzene

Concen: 2.031 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

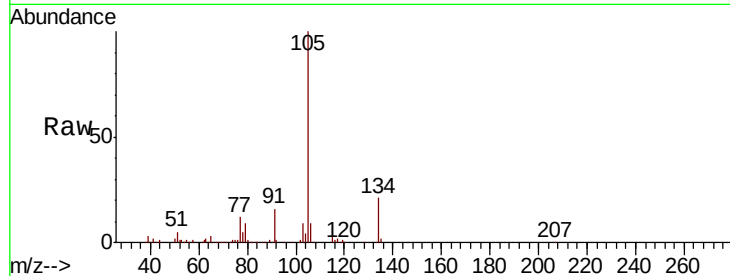
VU0206WBSD01

Tgt Ion:105 Resp: 162843

Ion Ratio Lower Upper

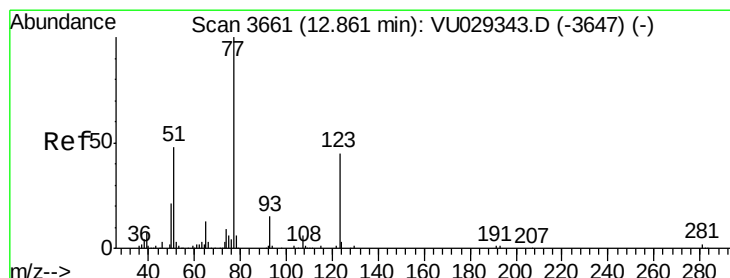
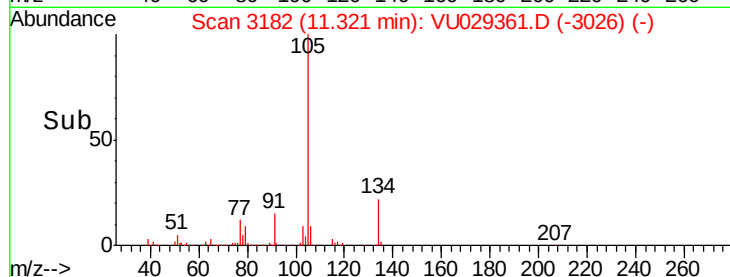
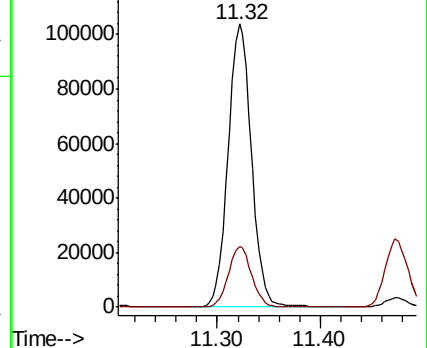
105 100

134 21.3 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 6.398 ug/l

RT: 12.87 min Scan# 3663

Delta R.T. 0.01 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

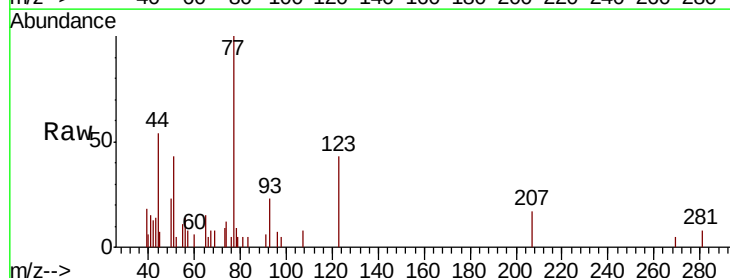
Tgt Ion: 77 Resp: 3779

Ion Ratio Lower Upper

77 100

123 44.5 17.5 61.9

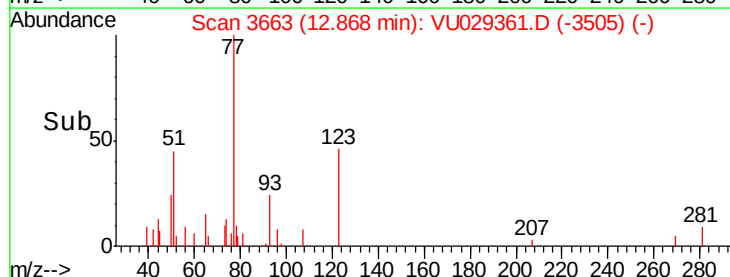
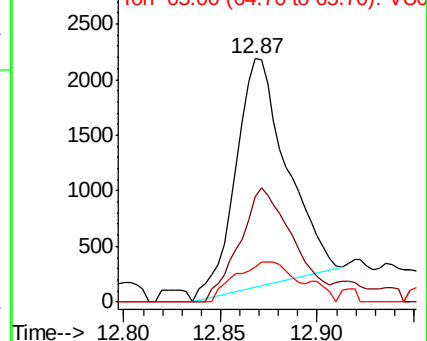
65 13.4 10.8 13.8

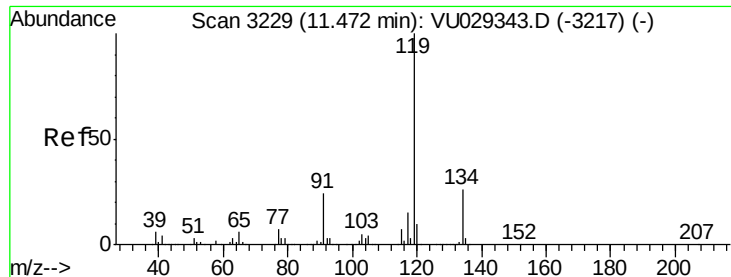


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

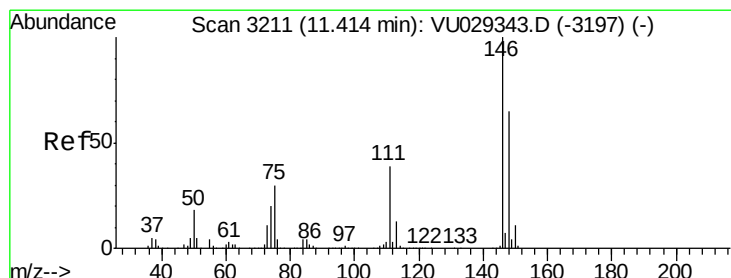
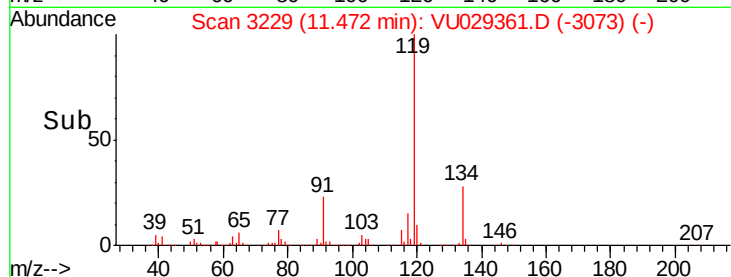
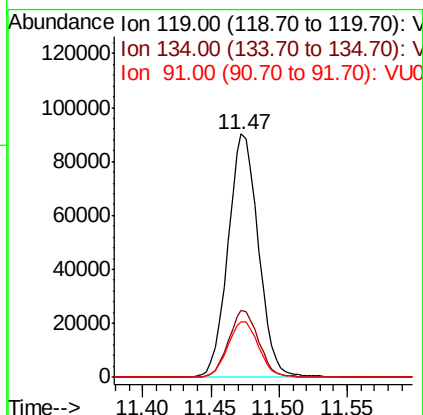
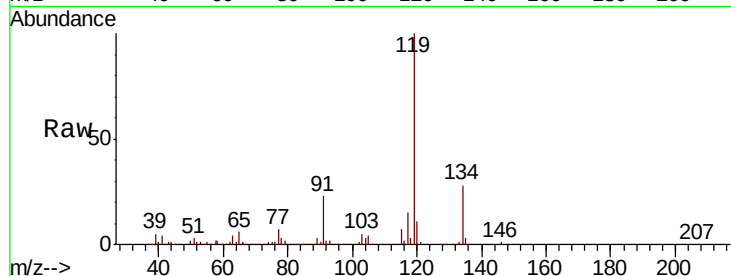




#81
p-Isopropyltoluene
Concen: 2.040 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

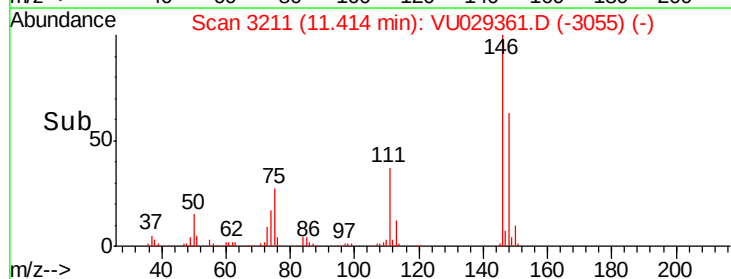
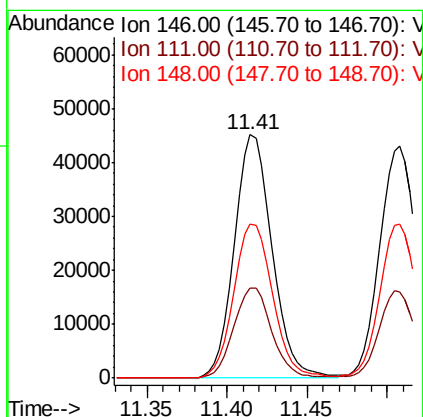
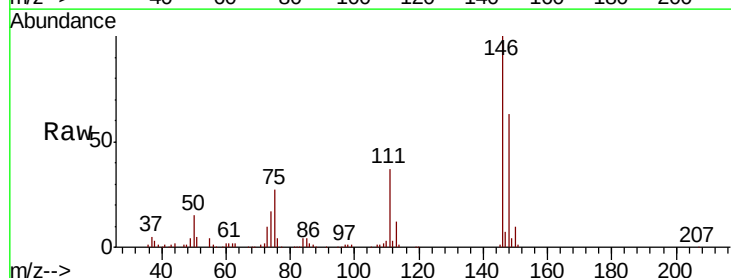
Instrument :
MSVOA_U
ClientSampleId :
VU0206WBSD01

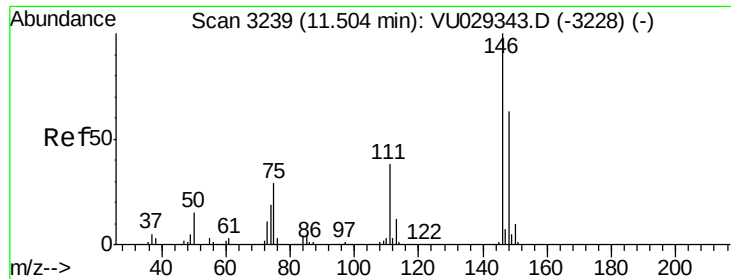
Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	19.8	29.6
91	23.6	21.5	32.3



#82
1,3-Dichlorobenzene
Concen: 2.122 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029361.D
Acq: 06 Feb 2019 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	34.1	51.1
148	65.3	52.3	78.5

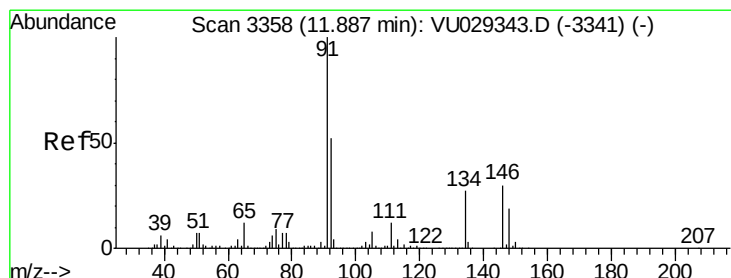
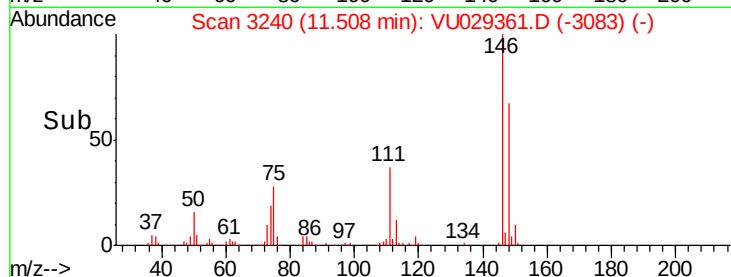
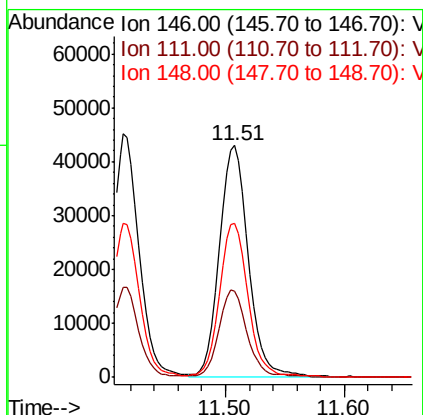
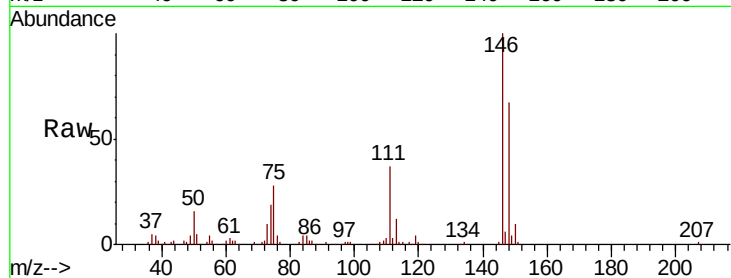




#83
 1,4-Dichlorobenzene
 Concen: 2.119 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

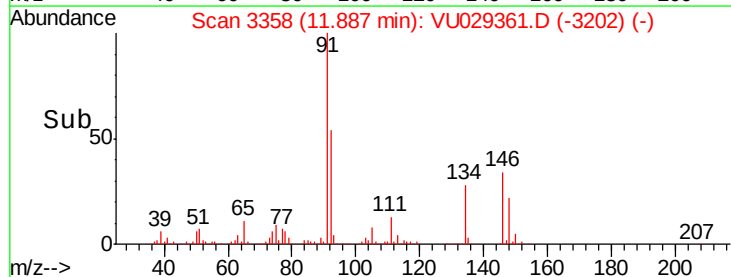
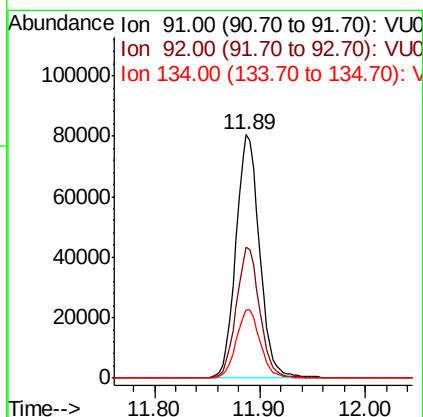
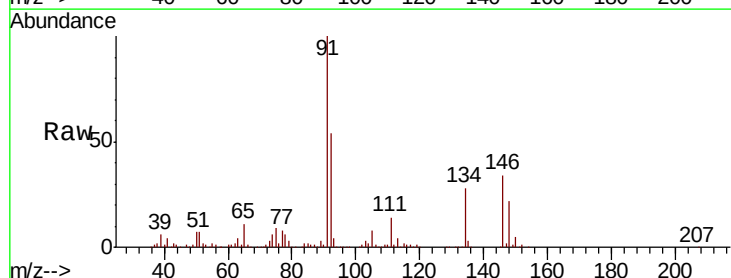
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

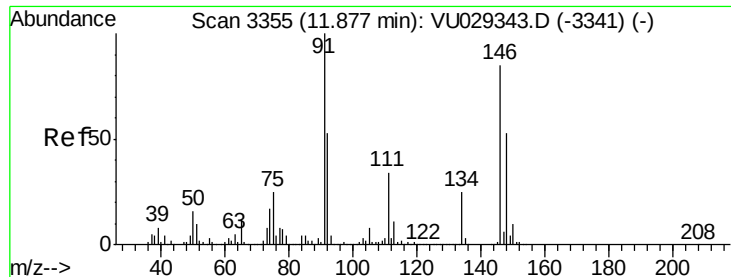
Tgt Ion: 146 Resp: 72168
 Ion Ratio Lower Upper
 146 100
 111 37.4 32.9 49.3
 148 66.3 51.8 77.6



#84
 n-Butylbenzene
 Concen: 1.995 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion: 91 Resp: 124401
 Ion Ratio Lower Upper
 91 100
 92 53.6 41.0 61.6
 134 28.5 19.1 28.7

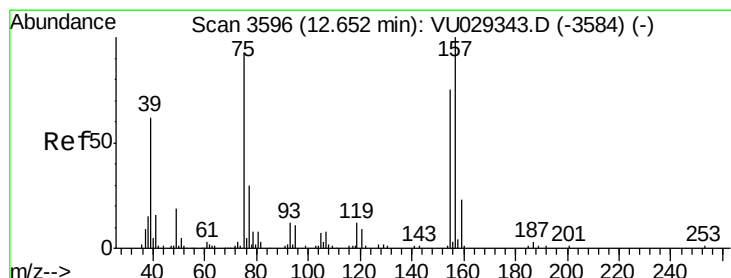
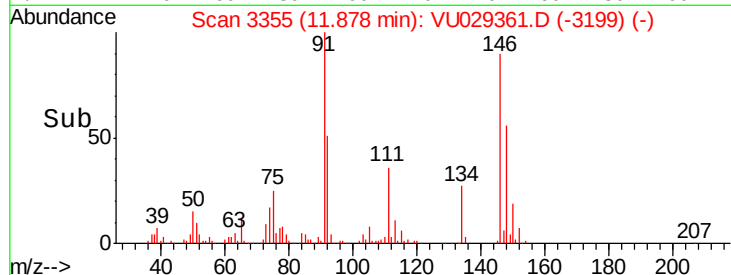
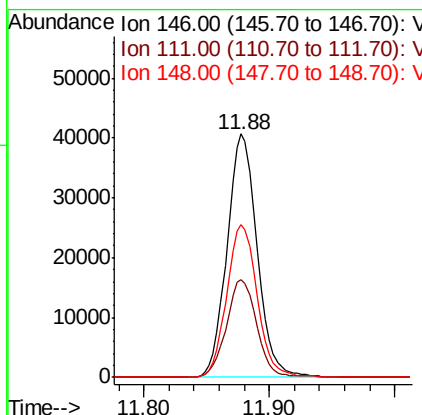
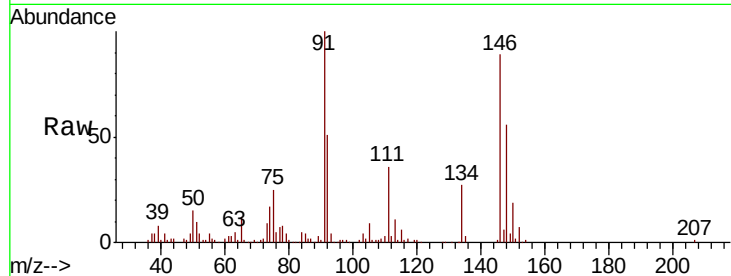




#85
 1,2-Dichlorobenzene
 Concen: 2.091 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

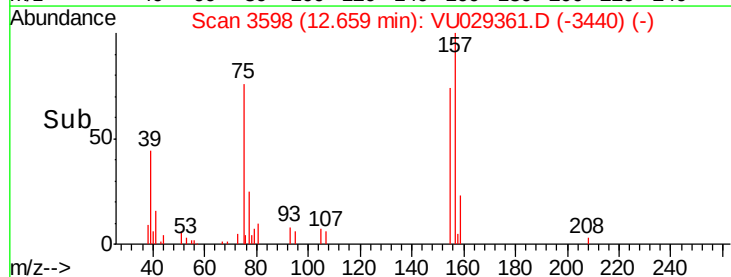
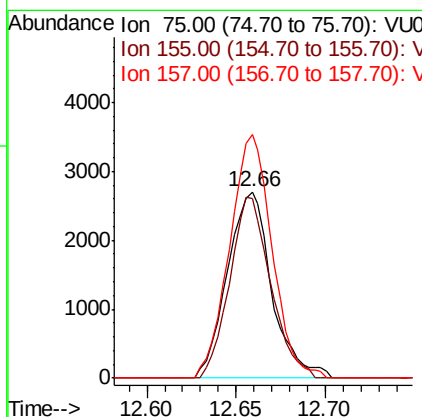
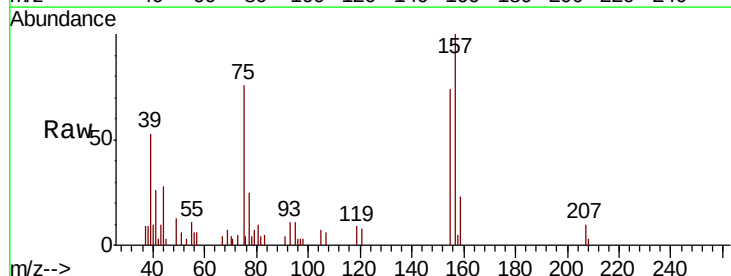
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

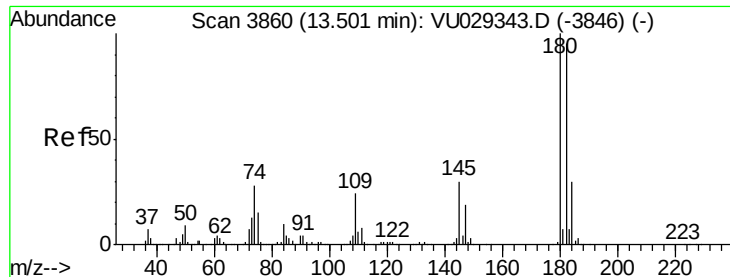
Tgt Ion:146 Resp: 67609
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.9 65.8
 148 63.7 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.894 ug/l
 RT: 12.66 min Scan# 3598
 Delta R.T. 0.01 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion: 75 Resp: 4685
 Ion Ratio Lower Upper
 75 100
 155 89.8 53.8 80.8#
 157 125.0 69.2 103.8#

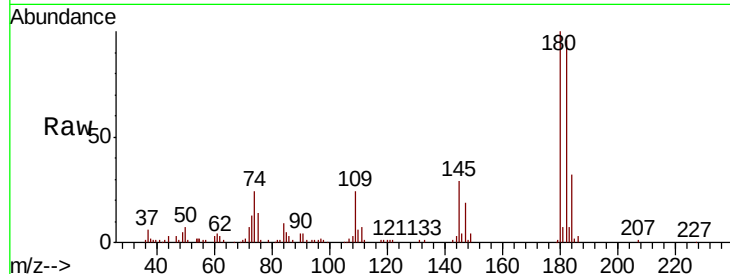




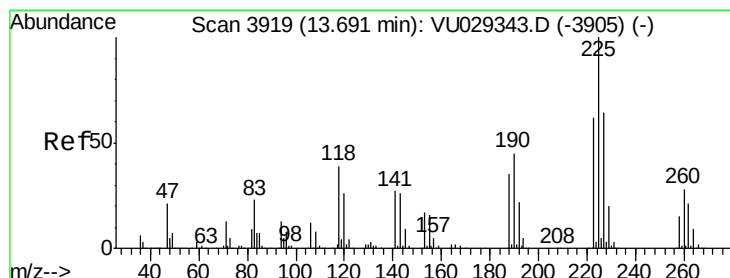
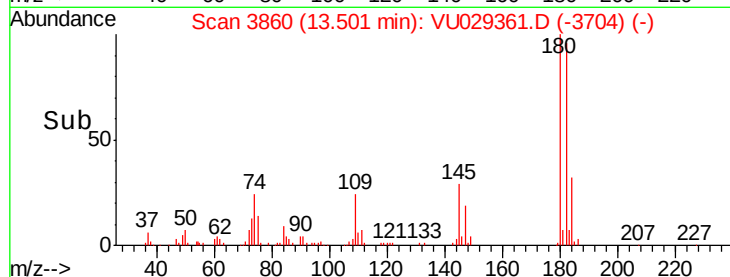
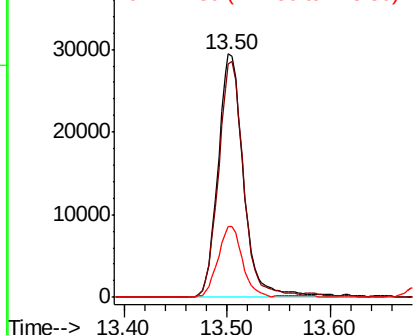
#87
 1,2,4-Trichlorobenzene
 Concen: 2.235 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0206WBSD01

Tgt Ion:180 Resp: 50753
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 145 27.8 24.6 36.8

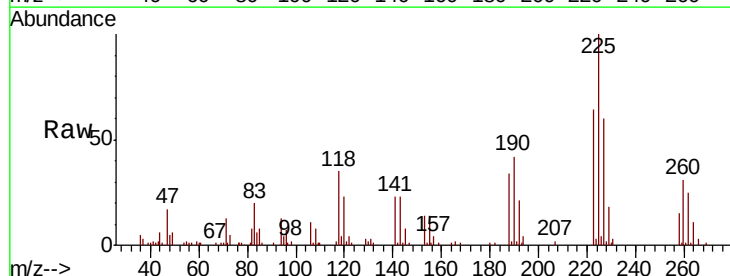


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

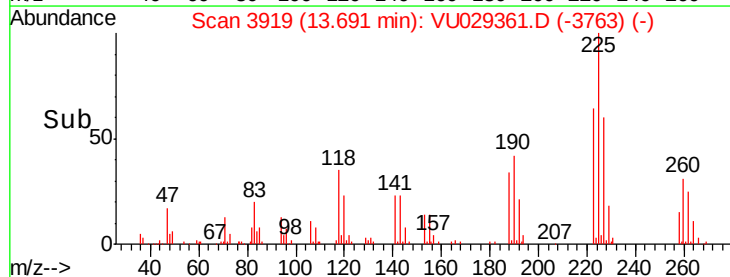
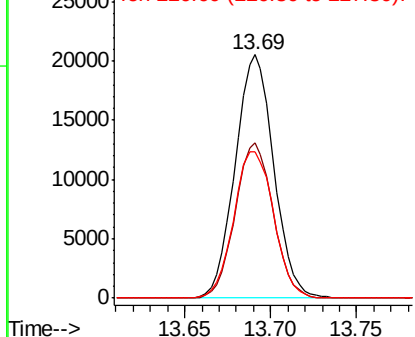


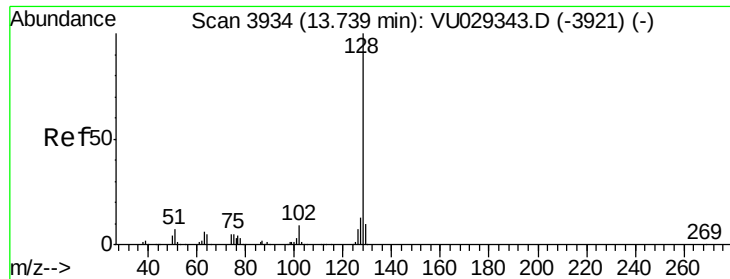
#88
 Hexachlorobutadiene
 Concen: 2.427 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029361.D
 Acq: 06 Feb 2019 14:41

Tgt Ion:225 Resp: 31920
 Ion Ratio Lower Upper
 225 100
 223 62.6 49.5 74.3
 227 62.2 50.4 75.6



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: 2.122 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

VU0206WBSD01

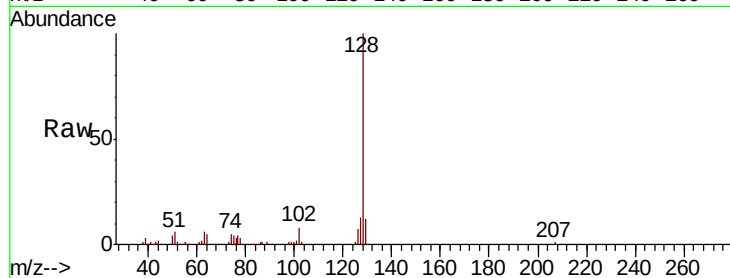
Tgt Ion:128 Resp: 81729

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

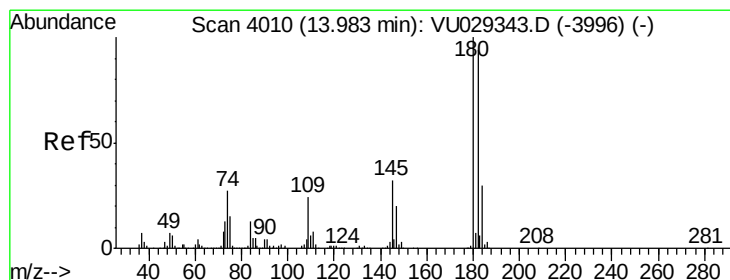
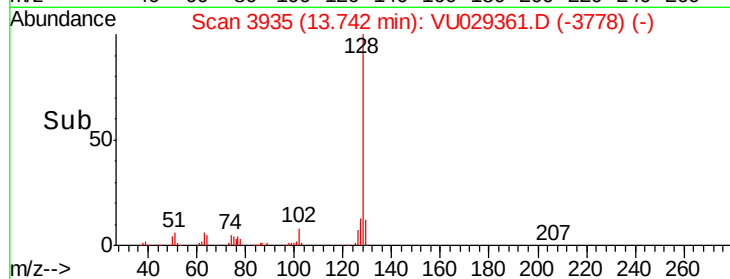
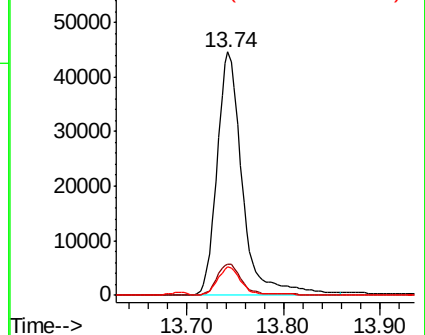
129 10.6 8.2 12.4



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: 2.241 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029361.D

Acq: 06 Feb 2019 14:41

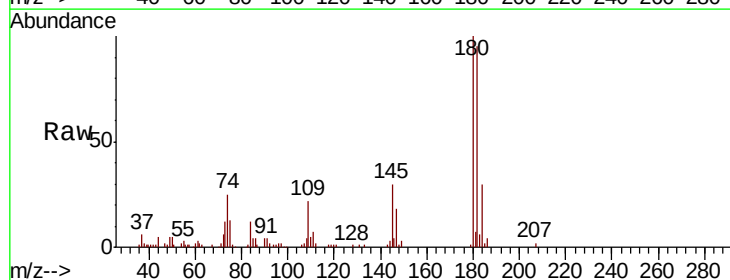
Tgt Ion:180 Resp: 46510

Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 28.4 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

