

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028335.D
 Acq On : 26 Nov 2018 13:43
 Operator : MD/SY
 Sample : VU1126WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Quant Time: Nov 27 01:10:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50734	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18392	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16687	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	34872	1.911 ug/l	99
3) Chloromethane	1.32	50	57016	1.836 ug/l	99
4) Vinyl Chloride	1.40	62	42376	1.993 ug/l	100
5) Bromomethane	1.63	94	15898	1.898 ug/l	99
6) Chloroethane	1.70	64	23833	1.920 ug/l	99
7) Trichlorofluoromethane	1.89	101	44854	1.932 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	26126	1.956 ug/l	99
9) 1,1-Dichloroethene	2.29	96	24901	2.016 ug/l	97
10) Iodomethane	2.41	142	18191	2.178 ug/l	99
11) Allyl Chloride	2.59	41	61271	1.965 ug/l	99
12) Acrylonitrile	2.95	53	15772	4.009 ug/l	95
13) Acetone	2.34	43	35699	9.791 ug/l	97
14) Carbon Disulfide	2.48	76	92206	1.965 ug/l	99
15) Methylene Chloride	2.70	84	31210	2.072 ug/l	93
16) trans-1,2-Dichloroethene	2.98	96	27332	1.977 ug/l	99
17) 1,1-Dichloroethane	3.44	63	61386	1.992 ug/l	98
18) 2-Butanone	4.29	43	50554	9.279 ug/l	98
19) Cyclohexane	4.99	56	49805	1.862 ug/l	96
20) Methylcyclohexane	6.41	83	48322	1.845 ug/l	97
21) 2,2-Dichloropropane	4.22	77	47825	1.934 ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	31852	1.969 ug/l	98
23) Diethyl Ether	2.10	59	25069	2.025 ug/l	98
24) tert-Butyl Alcohol	2.88	59	25051	20.156 ug/l #	89
25) Methyl tert-Butyl Ether	3.00	73	72204	1.968 ug/l	100
26) Bromochloromethane	4.55	128	12422	2.014 ug/l	97
27) Chloroform	4.67	83	57125	1.922 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	44341	1.911 ug/l	99
29) 1,1-Dichloropropene	5.13	75	43356	1.947 ug/l	98
30) Carbon Tetrachloride	5.13	117	35683	1.904 ug/l	97
31) Isopropyl Ether	3.58	45	107055	1.940 ug/l	100
32) Ethyl-t-butyl ether	4.08	59	87648	1.928 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	72622	1.926 ug/l	99
34) Propionitrile	4.36	54	13712	10.018 ug/l #	79
35) Benzene	5.39	78	126741	1.934 ug/l	99
36) 1,2-Dichloroethane	5.41	62	37192	1.897 ug/l	99
37) Trichloroethene	6.19	130	27148	1.902 ug/l	99
38) 1,2-Dichloropropane	6.43	63	37407	2.001 ug/l	98
39) Methacrylonitrile	4.56	41	13751	1.876 ug/l	94
40) Methyl acrylate	4.43	55	17683	1.753 ug/l #	97
41) Tetrahydrofuran	4.67	42	14357	3.896 ug/l	98
42) 1-Chlorobutane	5.06	56	68072	1.923 ug/l	100

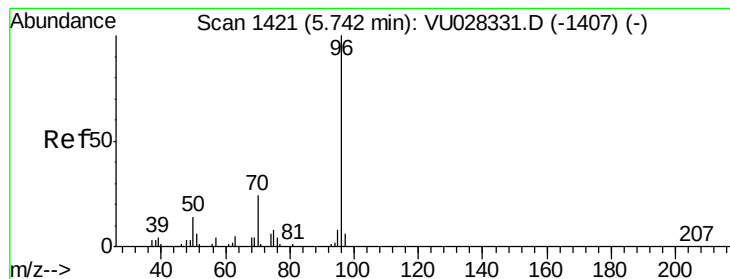
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
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Quant Time: Nov 27 01:10:16 2018
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	16270	2.045	ug/l	96
44) Bromodichloromethane	6.76	83	39717	1.890	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	120975	9.465	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	20276	4.337	ug/l	91
47) Methyl methacrylate	6.63	69	30337	3.735	ug/l	99
48) Ethyl methacrylate	8.02	69	30185	1.858	ug/l	98
49) Toluene	7.64	92	69655	1.914	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	37759	1.871	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	47095	1.890	ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	20472	1.833	ug/l	93
53) 1,3-Dichloropropane	8.24	76	38580	1.849	ug/l	98
54) 2-Hexanone	8.37	43	86621	9.421	ug/l	98
55) Dibromochloromethane	8.48	129	23277	1.959	ug/l	96
56) 1,2-Dibromoethane	8.58	107	19139	1.881	ug/l	98
58) Tetrachloroethene	8.22	164	24860	1.902	ug/l	98
59) Chlorobenzene	9.12	112	73107	1.930	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	24123	1.879	ug/l	96
61) Pentachloroethane	11.10	117	18196	1.822	ug/l	99
62) Hexachloroethane	12.14	117	17870	1.909	ug/l	94
63) Ethyl Benzene	9.25	91	132237	1.892	ug/l	100
64) m/p-Xylenes	9.37	106	95966	3.794	ug/l	99
65) o-Xylene	9.78	106	46118	1.890	ug/l	96
66) Styrene	9.79	104	78436	1.874	ug/l	98
67) Bromoform	9.96	173	12396	1.861	ug/l	98
69) Isopropylbenzene	10.16	105	124911	1.911	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	28181	1.881	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	20276	1.941	ug/l #	97
72) Bromobenzene	10.45	156	27567	1.900	ug/l	96
73) n-propylbenzene	10.58	120	31674	1.869	ug/l	98
74) 2-Chlorotoluene	10.66	126	27365	1.842	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	101861	1.852	ug/l	97
76) 4-Chlorotoluene	10.77	126	27866	1.851	ug/l	97
77) tert-Butylbenzene	11.10	119	98169	1.896	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	108348	1.922	ug/l	97
79) sec-Butylbenzene	11.32	105	134698	1.866	ug/l	99
80) Nitrobenzene	12.87	77	5610	8.310	ug/l #	91
81) p-Isopropyltoluene	11.48	119	105048	1.831	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	54157	1.864	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	54635	1.889	ug/l	98
84) n-Butylbenzene	11.89	91	110740	1.839	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	52137	1.885	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4376	1.815	ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	35030	1.802	ug/l	99
88) Hexachlorobutadiene	13.69	225	19276	1.832	ug/l	98
89) Naphthalene	13.74	128	68346	1.779	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	32024	1.747	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1421

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 96 Resp: 50734

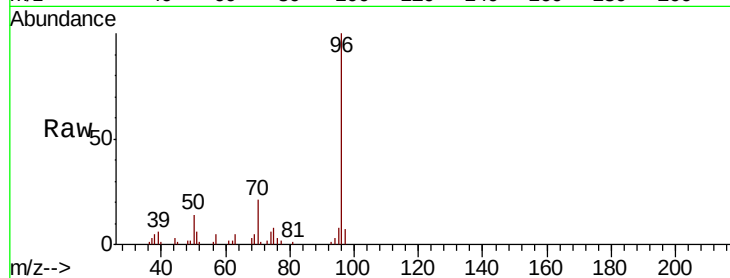
Ion Ratio Lower Upper

96 100

70 22.1 17.8 26.8

95 9.4 7.6 11.4

97 6.7 0.0 0.0#

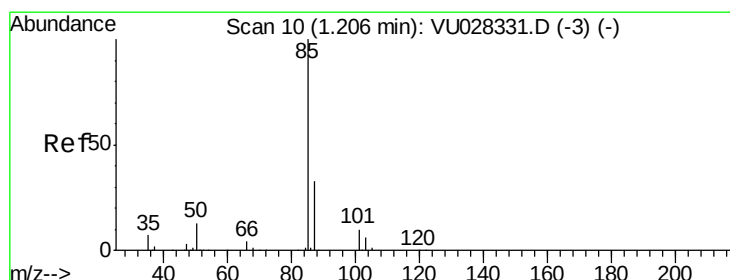
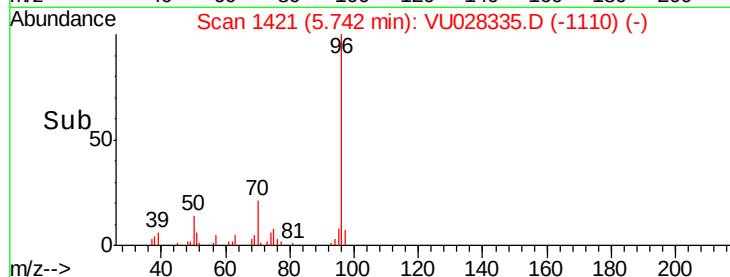
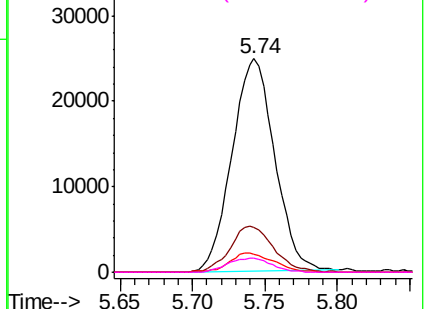


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.911 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028335.D

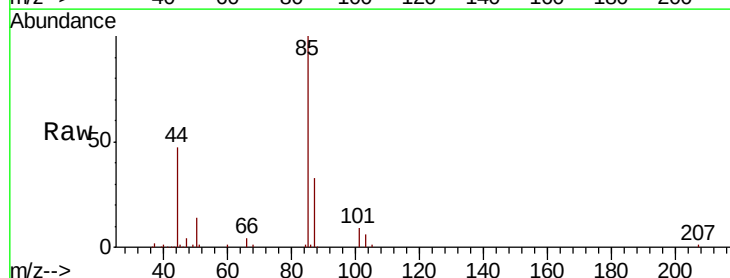
Acq: 26 Nov 2018 13:43

Tgt Ion: 85 Resp: 34872

Ion Ratio Lower Upper

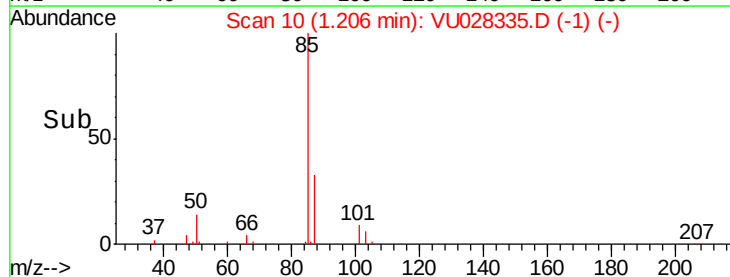
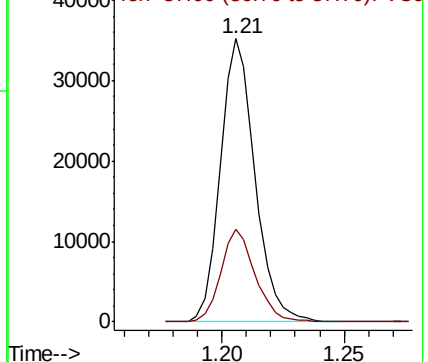
85 100

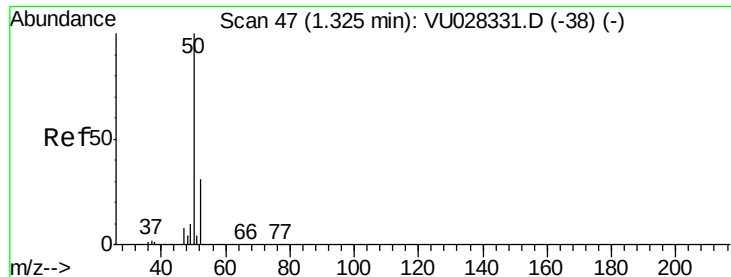
87 32.9 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.836 ug/l

RT: 1.32 min Scan# 47

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

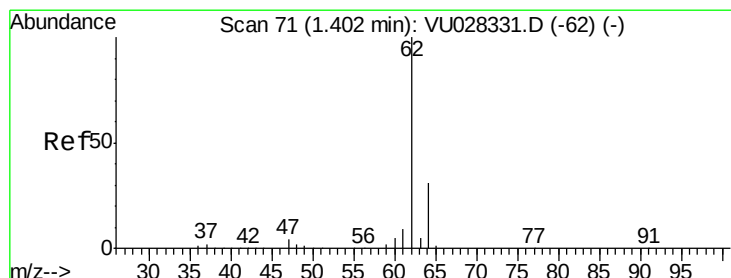
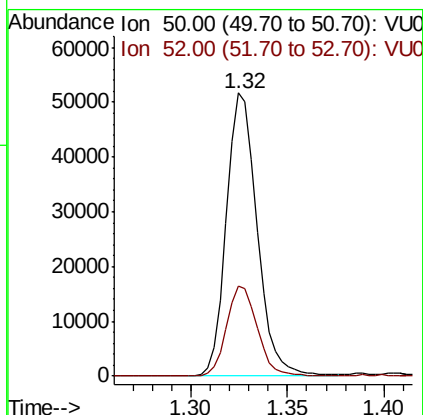
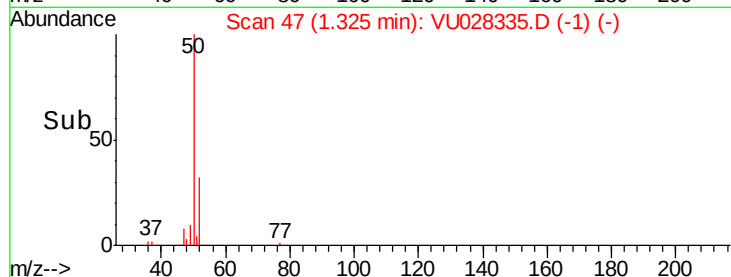
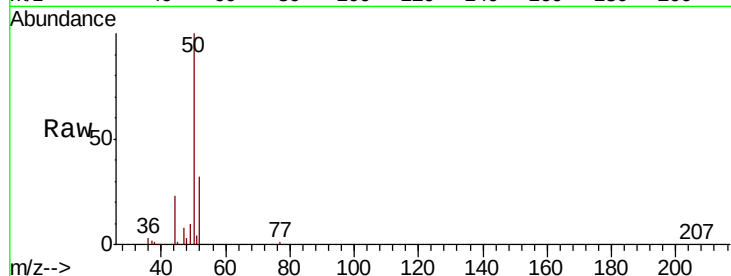
VU1126WBS01

Tgt Ion: 50 Resp: 57016

Ion Ratio Lower Upper

50 100

52 31.8 25.1 37.7



#4

Vinyl Chloride

Concen: 1.993 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028335.D

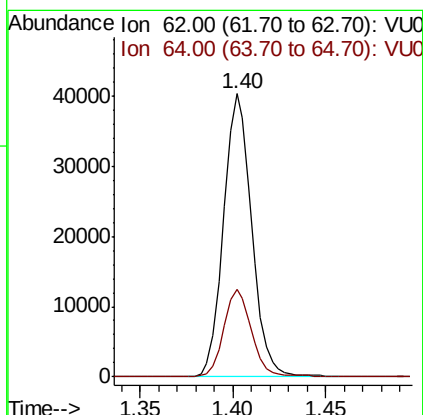
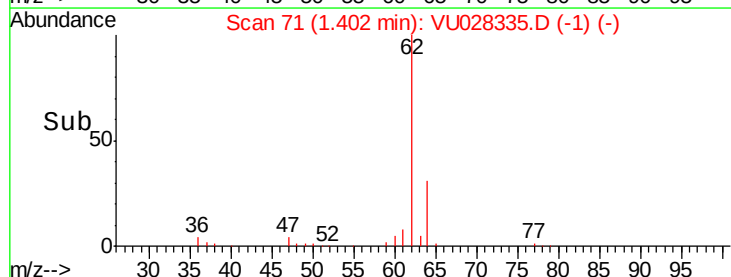
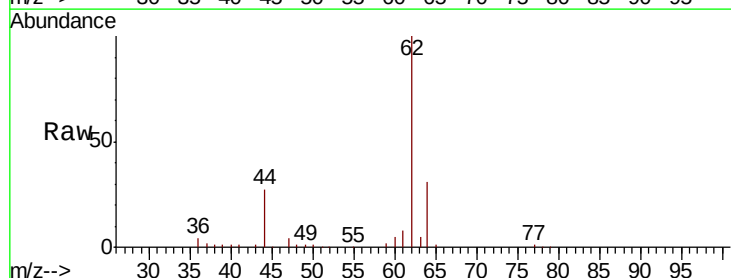
Acq: 26 Nov 2018 13:43

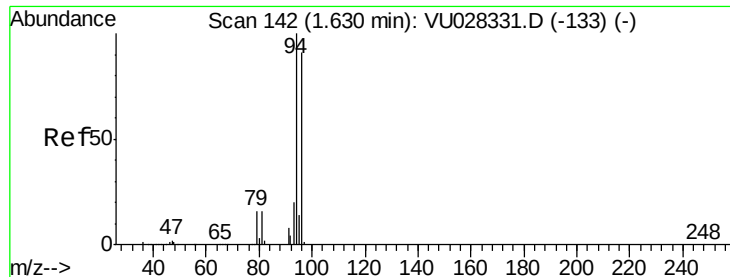
Tgt Ion: 62 Resp: 42376

Ion Ratio Lower Upper

62 100

64 30.8 24.7 37.1





#5

Bromomethane

Concen: 1.898 ug/l

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

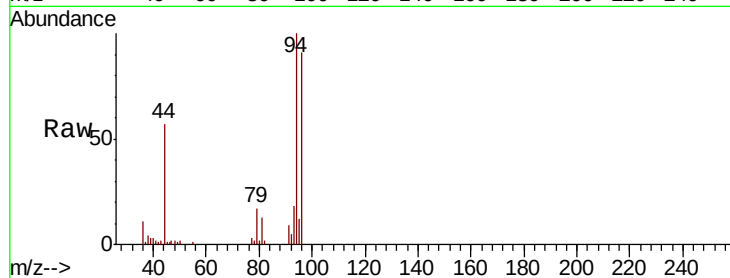
VU1126WBS01

Tgt Ion: 94 Resp: 15898

Ion Ratio Lower Upper

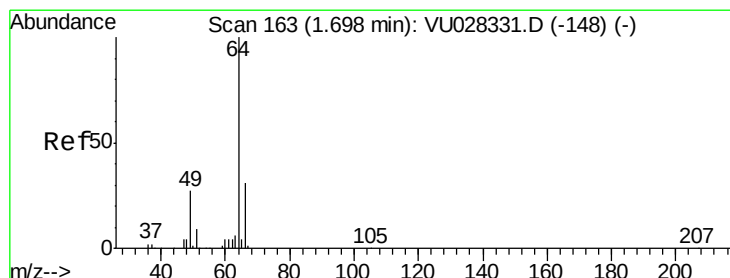
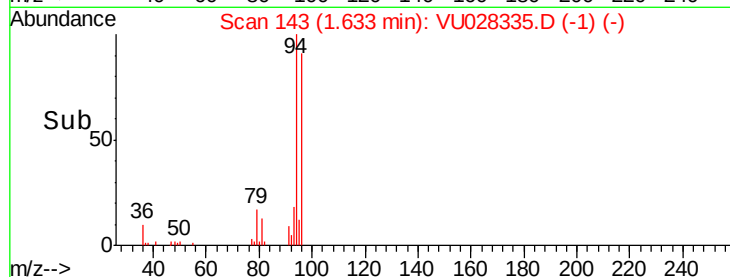
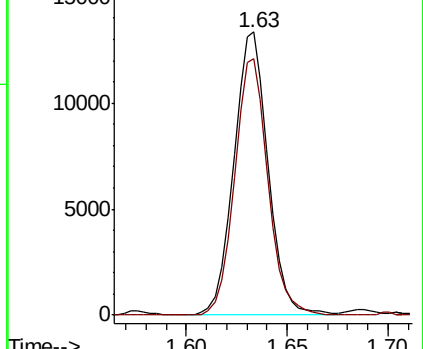
94 100

96 90.7 73.1 109.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.920 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028335.D

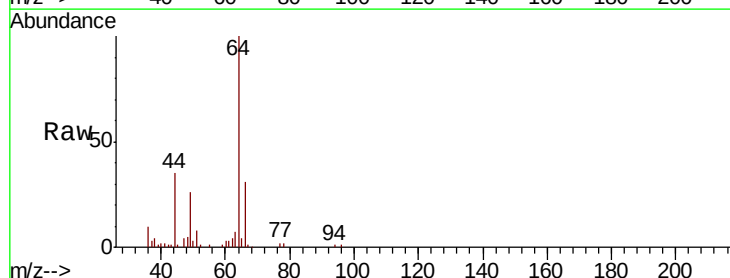
Acq: 26 Nov 2018 13:43

Tgt Ion: 64 Resp: 23833

Ion Ratio Lower Upper

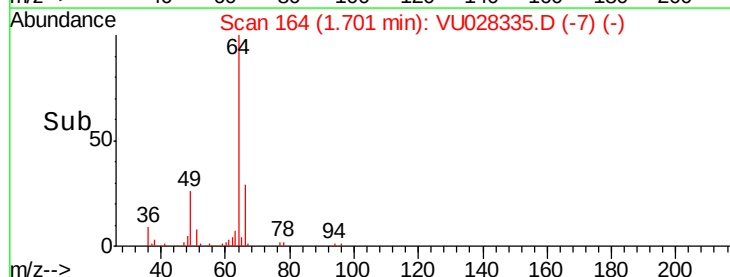
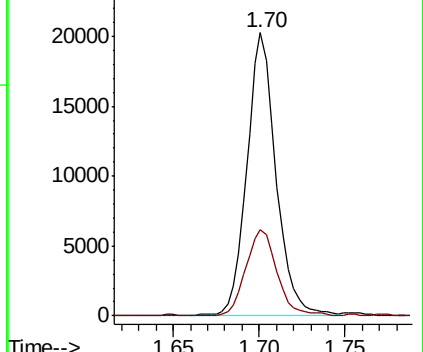
64 100

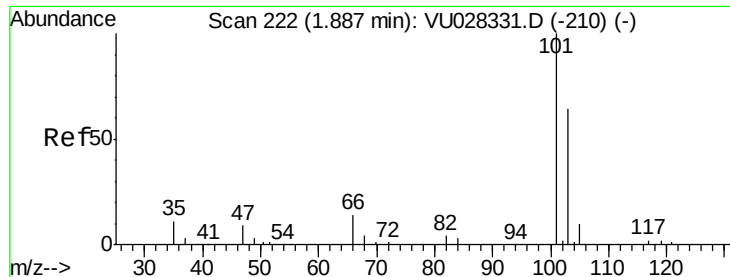
66 30.6 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 1.932 ug/l

RT: 1.89 min Scan# 222

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

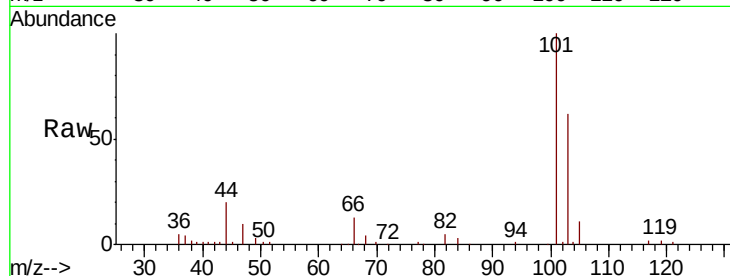
VU1126WBS01

Tgt Ion:101 Resp: 44854

Ion Ratio Lower Upper

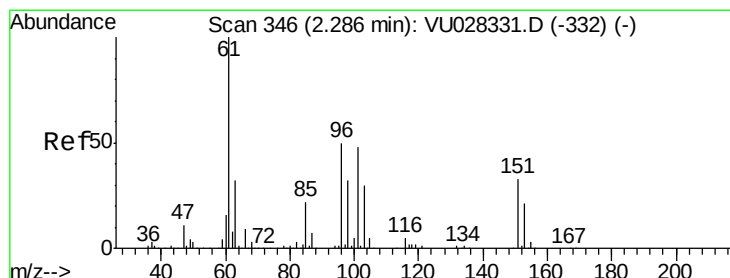
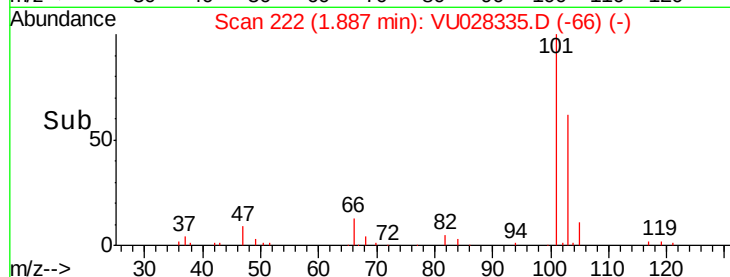
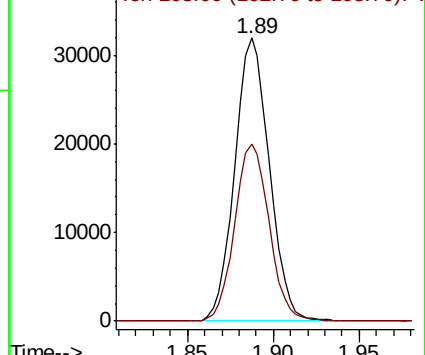
101 100

103 62.4 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 1.956 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

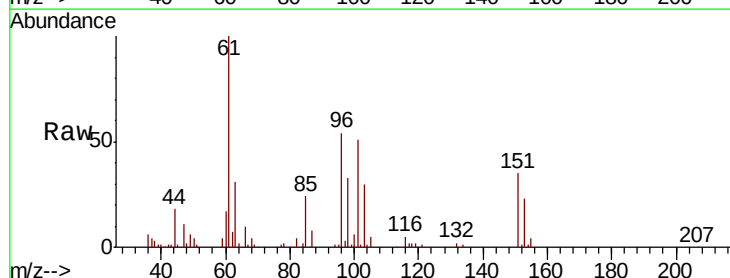
Tgt Ion:101 Resp: 26126

Ion Ratio Lower Upper

101 100

85 46.3 36.7 55.1

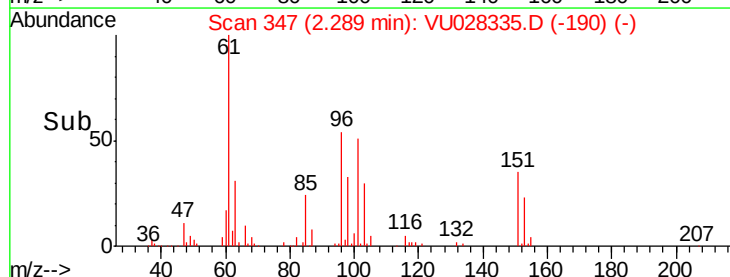
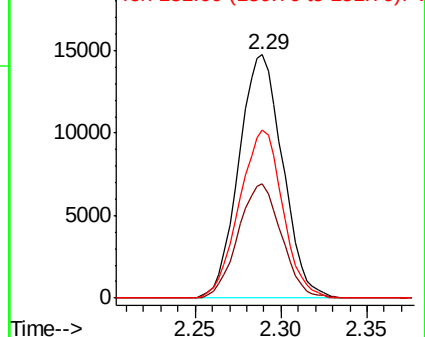
151 68.4 55.8 83.6

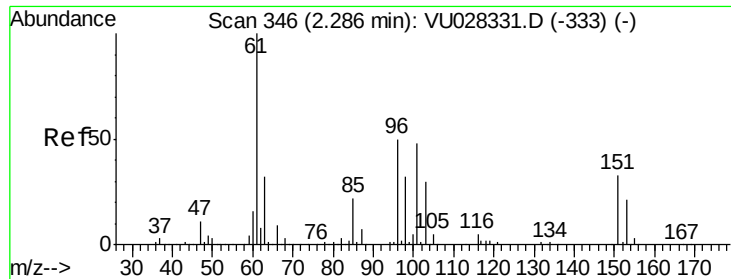


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.016 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

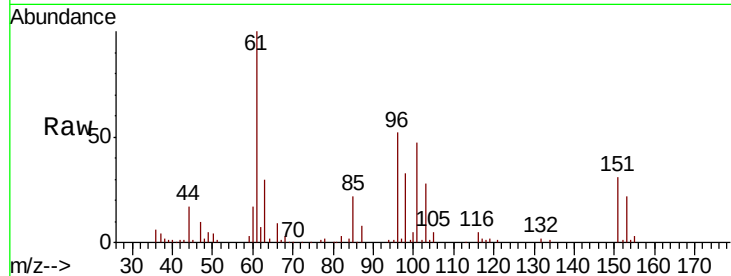
Tgt Ion: 96 Resp: 24901

Ion Ratio Lower Upper

96 100

61 193.8 0.0 597.6

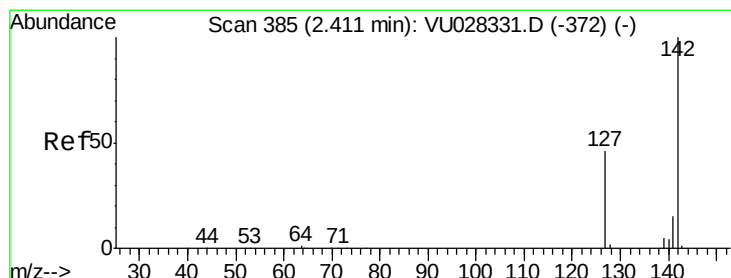
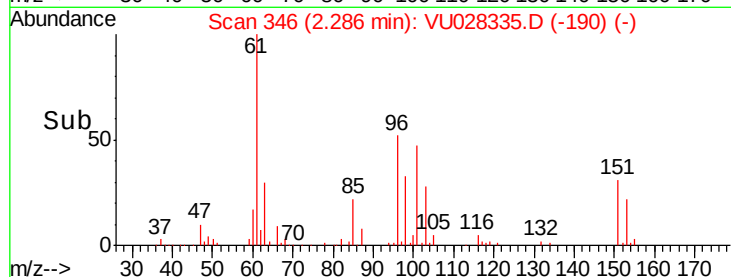
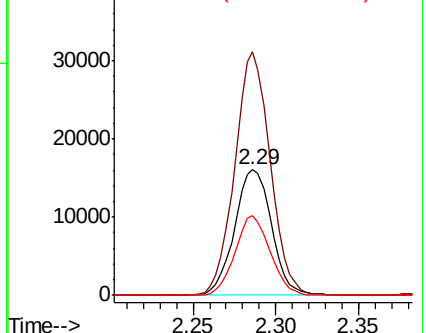
98 63.9 0.0 127.6



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: 2.178 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU028335.D

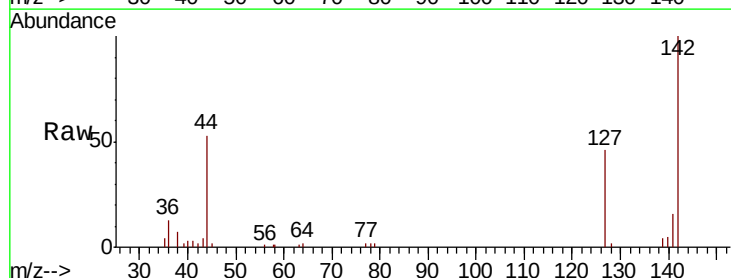
Acq: 26 Nov 2018 13:43

Tgt Ion: 142 Resp: 18191

Ion Ratio Lower Upper

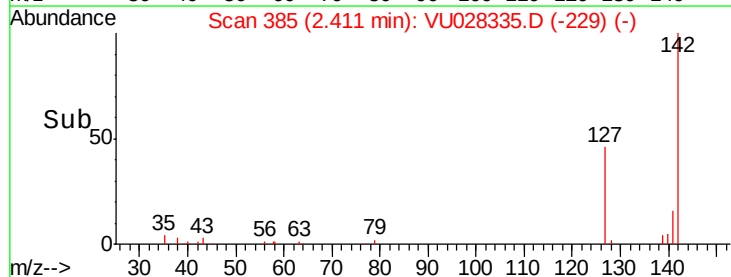
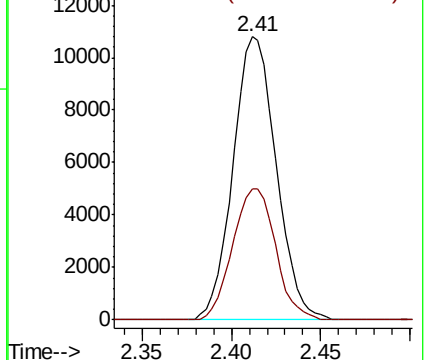
142 100

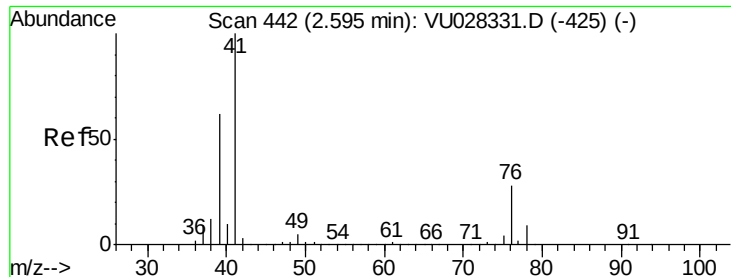
127 45.9 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

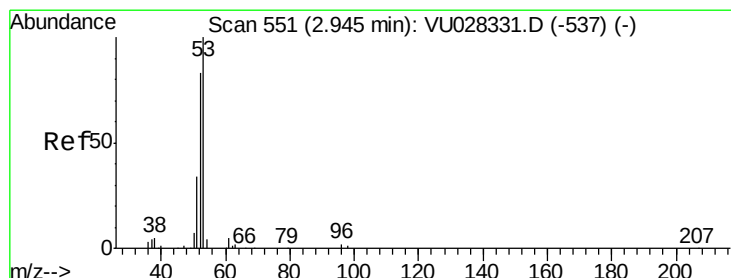
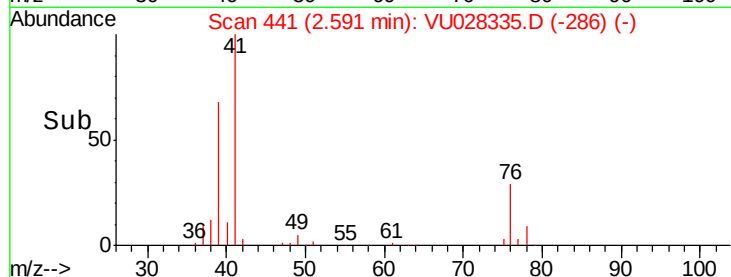
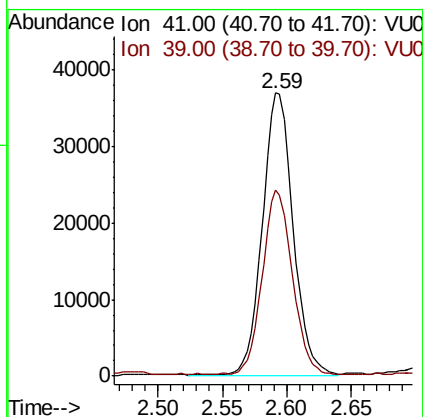
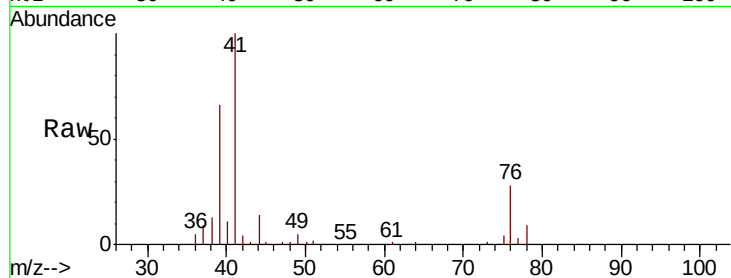




#11
 Allyl Chloride
 Concen: 1.965 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

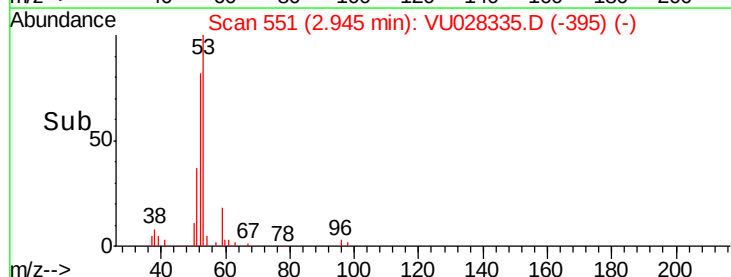
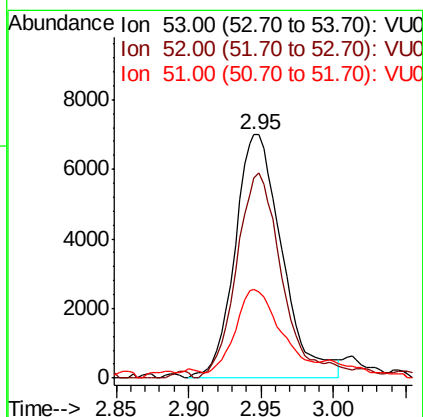
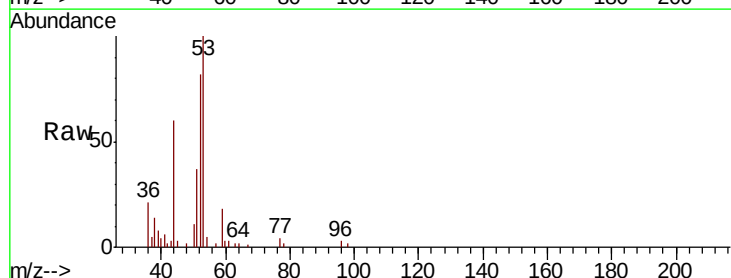
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

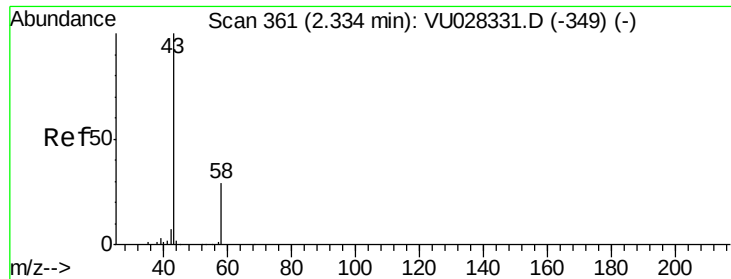
Tgt Ion: 41 Resp: 61271
 Ion Ratio Lower Upper
 41 100
 39 64.4 50.8 76.2



#12
 Acrylonitrile
 Concen: 4.009 ug/l
 RT: 2.95 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 53 Resp: 15772
 Ion Ratio Lower Upper
 53 100
 52 82.2 69.3 103.9
 51 32.2 27.8 41.8





#13

Acetone

Concen: 9.791 ug/l

RT: 2.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

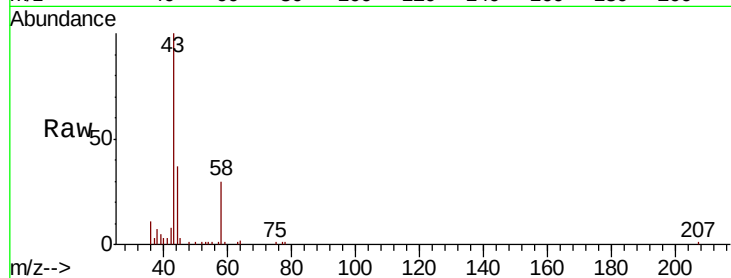
VU1126WBS01

Tgt Ion: 43 Resp: 35699

Ion Ratio Lower Upper

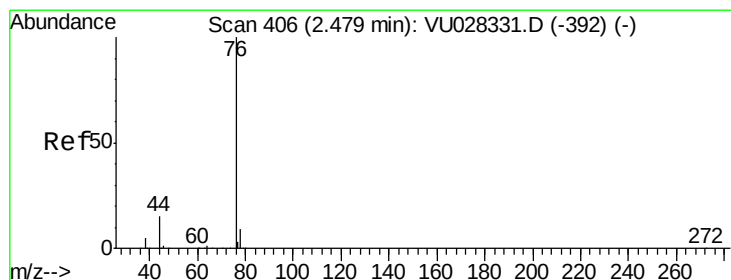
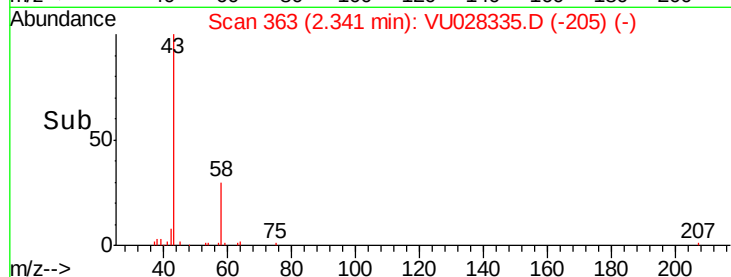
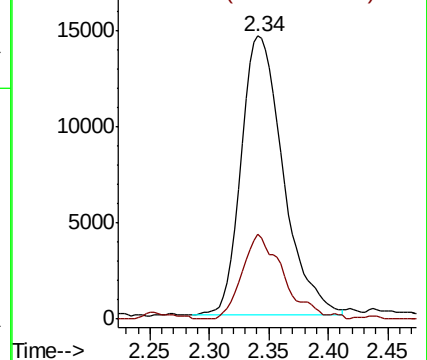
43 100

58 30.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.965 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028335.D

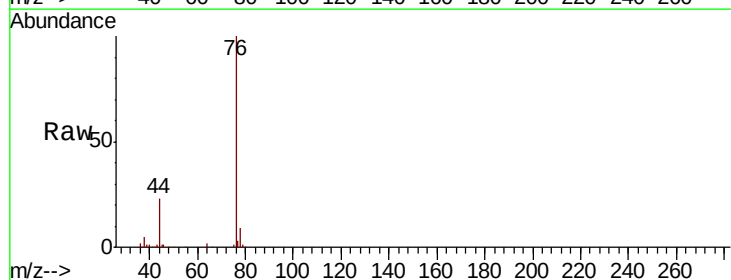
Acq: 26 Nov 2018 13:43

Tgt Ion: 76 Resp: 92206

Ion Ratio Lower Upper

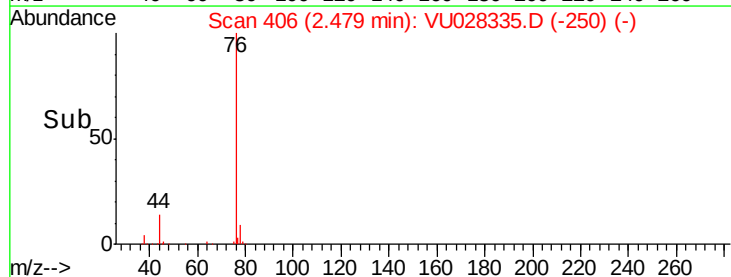
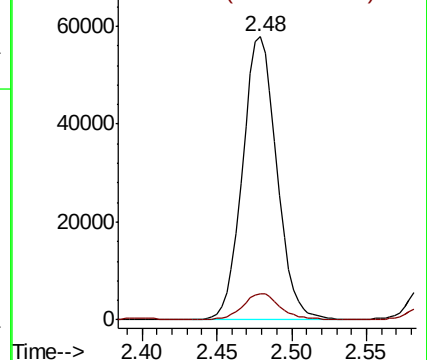
76 100

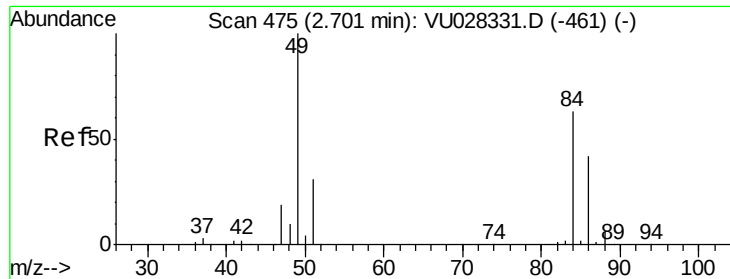
78 8.9 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

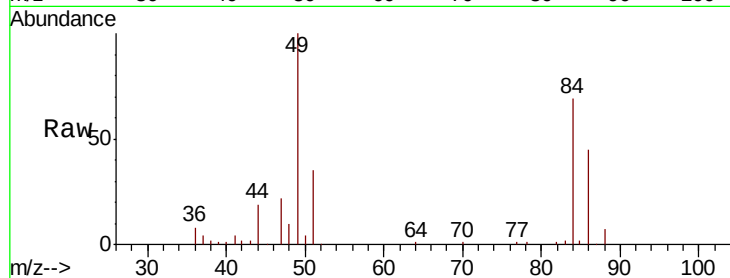




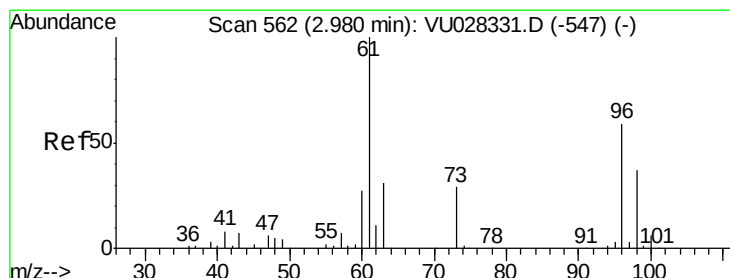
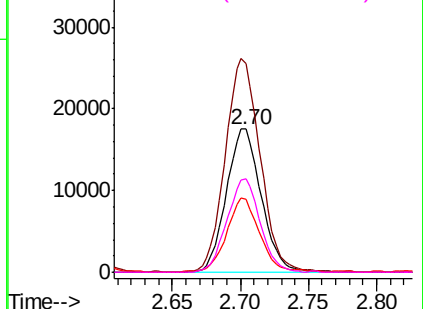
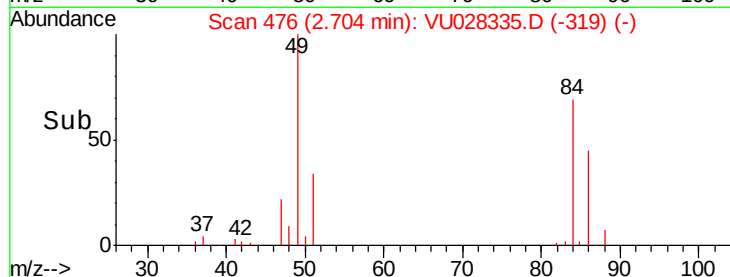
#15
Methylene Chloride
Concen: 2.072 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion: 84 Resp: 31210
Ion Ratio Lower Upper
84 100
49 145.4 127.7 191.5
51 50.0 0.0 98.2
86 65.6 53.1 79.7

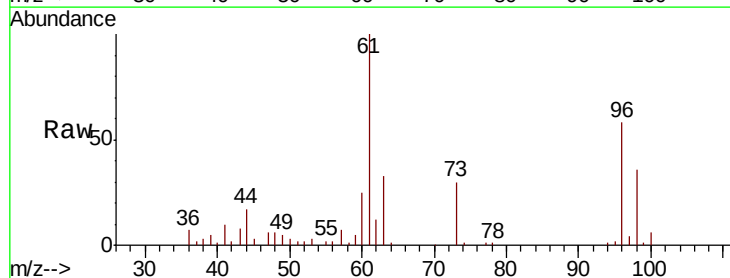


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

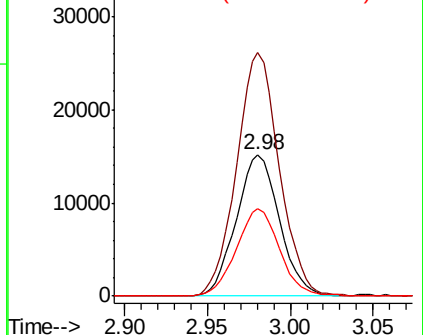
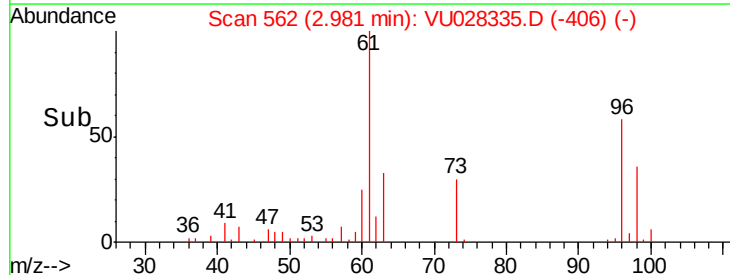


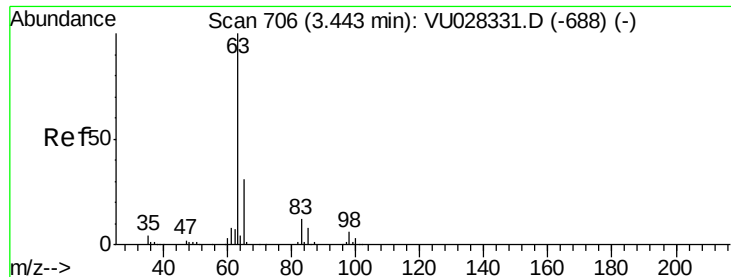
#16
trans-1,2-Dichloroethene
Concen: 1.977 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 96 Resp: 27332
Ion Ratio Lower Upper
96 100
61 172.2 136.4 204.6
98 62.3 49.8 74.8



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

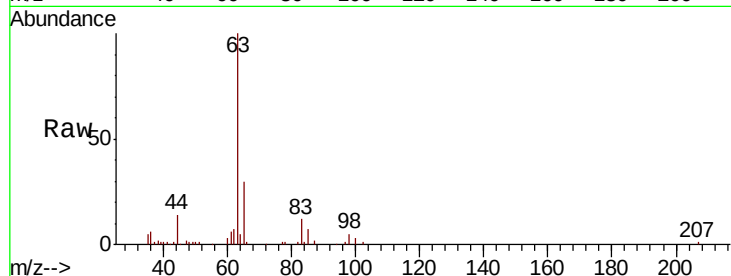




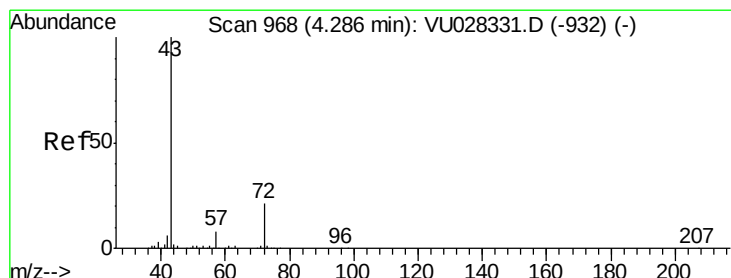
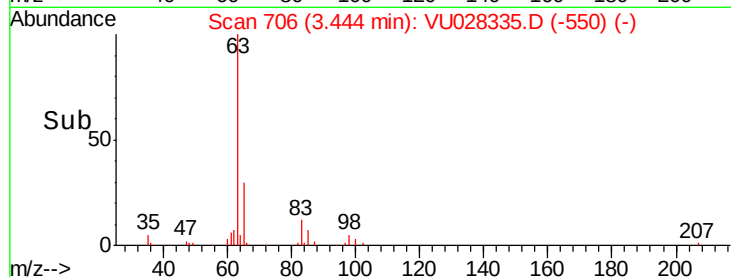
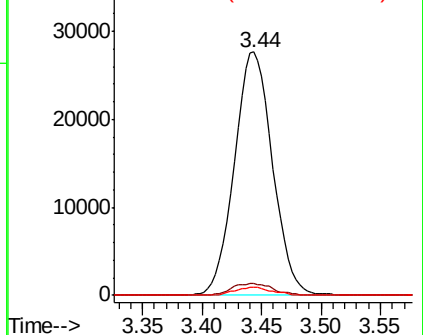
#17
 1,1-Dichloroethane
 Concen: 1.992 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion: 63 Resp: 61386
 Ion Ratio Lower Upper
 63 100
 98 4.8 3.0 9.0
 100 3.3 1.8 5.3

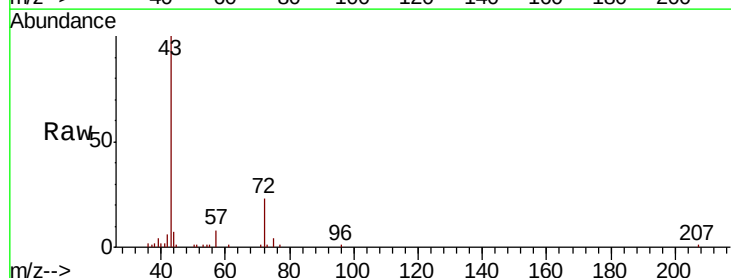


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

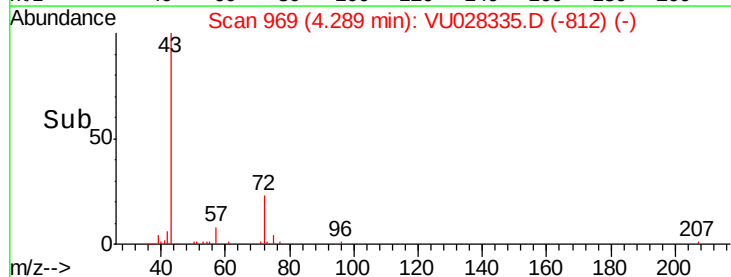
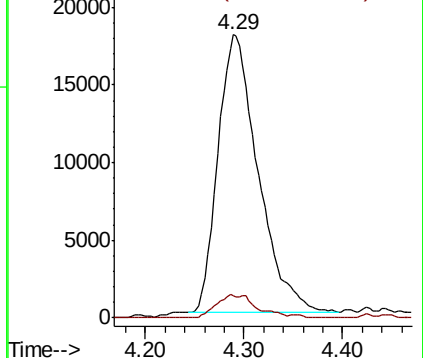


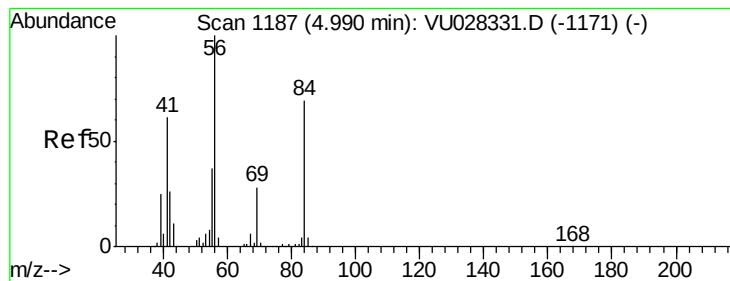
#18
 2-Butanone
 Concen: 9.279 ug/l
 RT: 4.29 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 43 Resp: 50554
 Ion Ratio Lower Upper
 43 100
 57 8.2 0.0 15.0



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





#19

Cyclohexane

Concen: 1.862 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

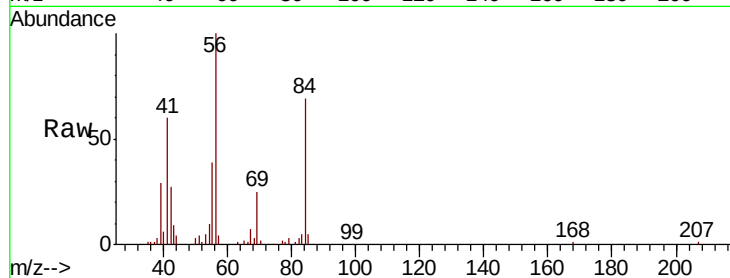
Tgt Ion: 56 Resp: 49805

Ion Ratio Lower Upper

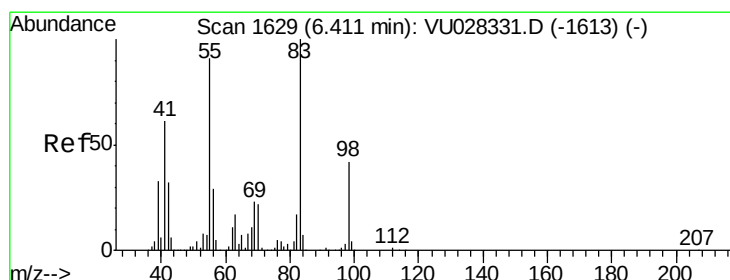
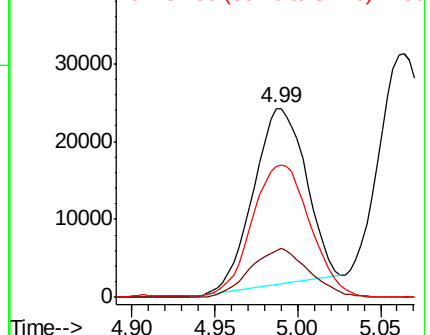
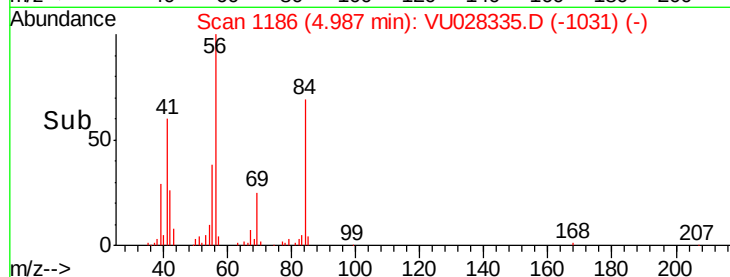
56 100

69 31.3 25.0 37.6

84 83.0 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VU028335.D (-1031) (-)



#20

Methylcyclohexane

Concen: 1.845 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

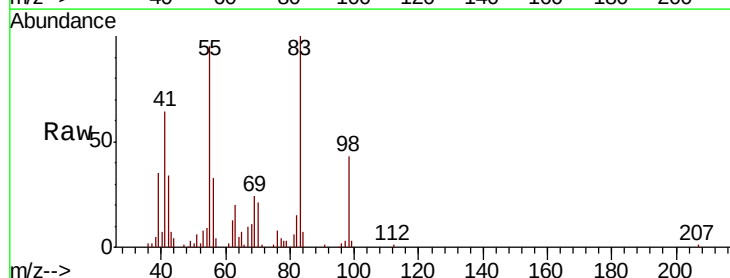
Tgt Ion: 83 Resp: 48322

Ion Ratio Lower Upper

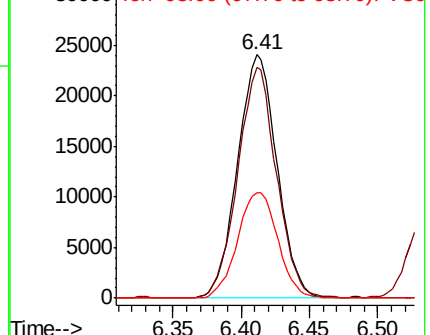
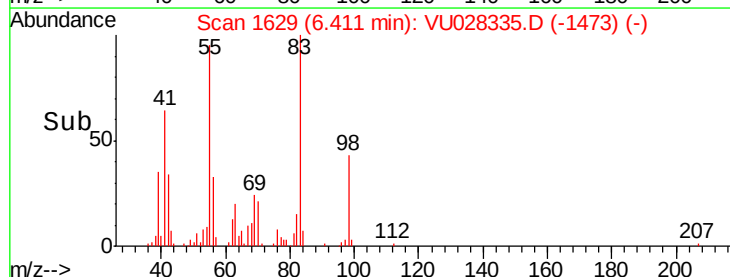
83 100

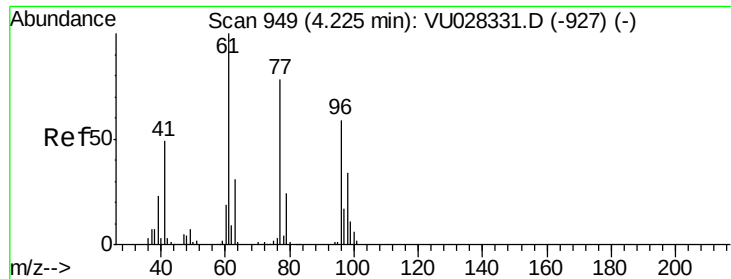
55 93.3 72.6 108.8

98 44.1 33.8 50.8



Abundance Ion 83.00 (82.70 to 83.70): VU028335.D (-1473) (-)

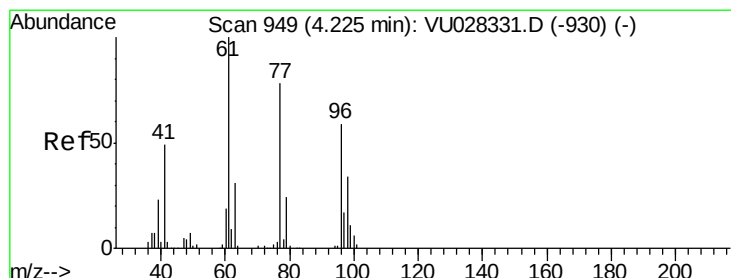
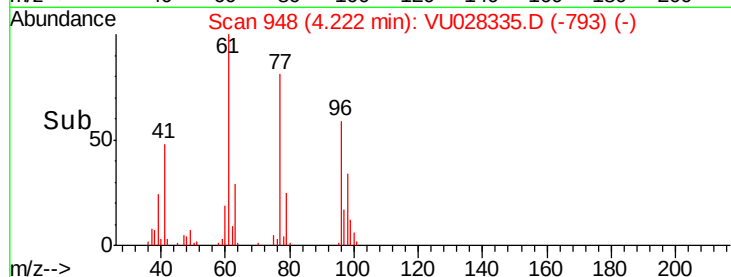
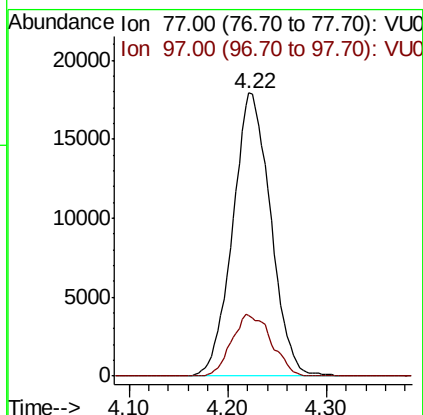
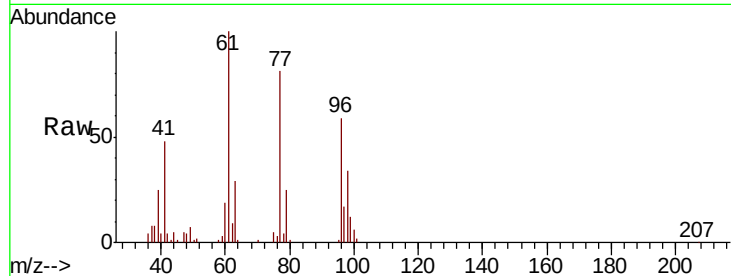




#21
 2,2-Dichloropropane
 Concen: 1.934 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

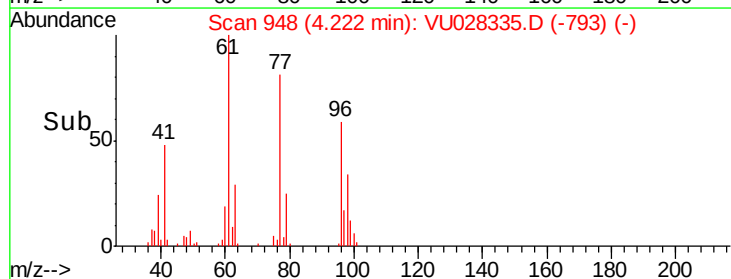
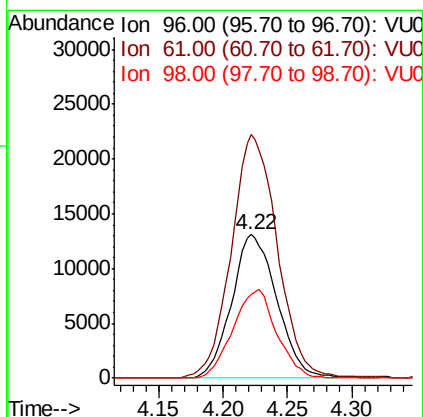
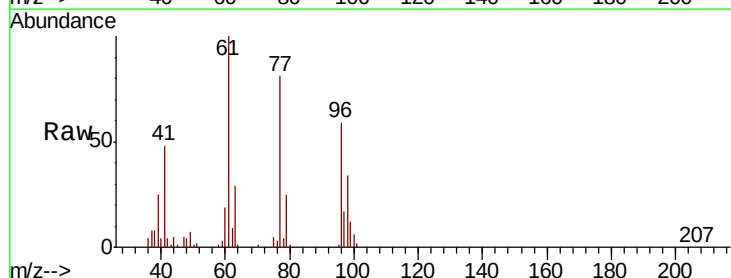
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

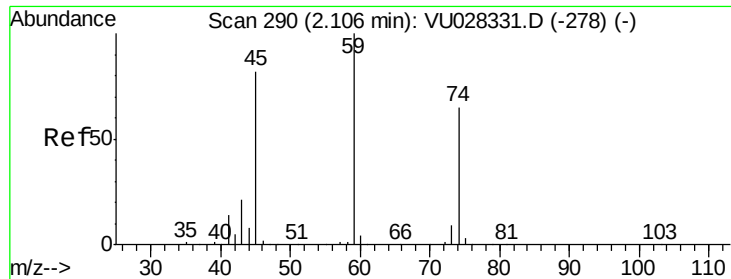
Tgt Ion: 77 Resp: 47825
 Ion Ratio Lower Upper
 77 100
 97 22.7 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.969 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 96 Resp: 31852
 Ion Ratio Lower Upper
 96 100
 61 172.3 0.0 423.0
 98 59.4 30.3 91.0

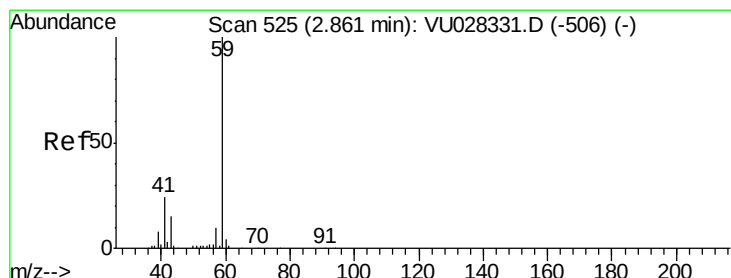
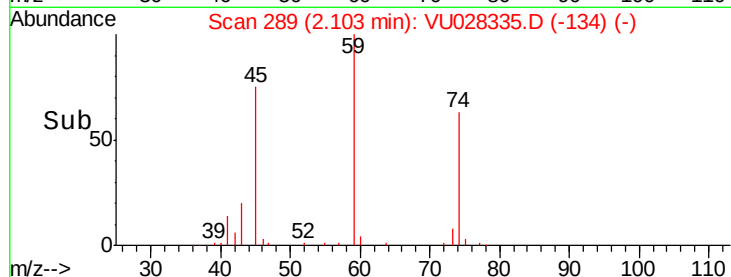
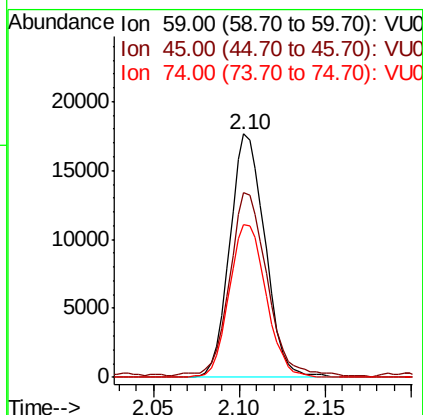
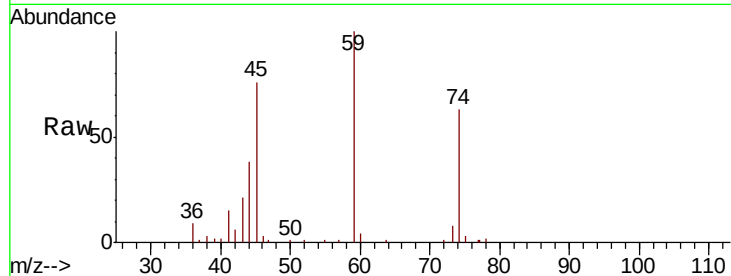




#23
Diethyl Ether
Concen: 2.025 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

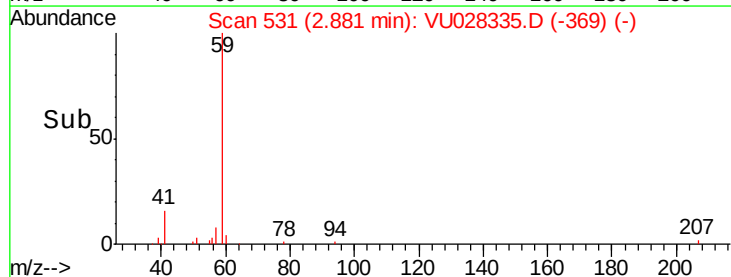
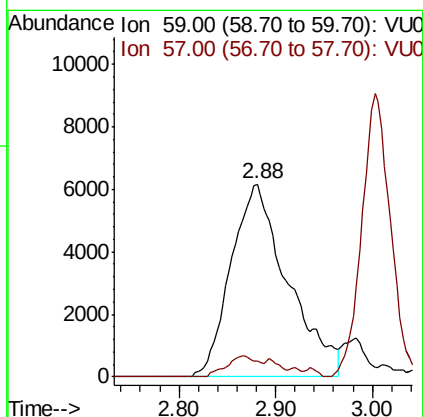
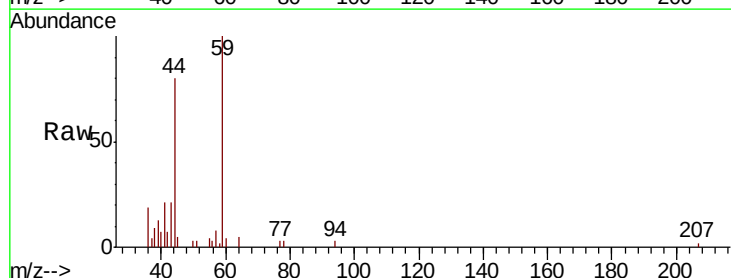
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

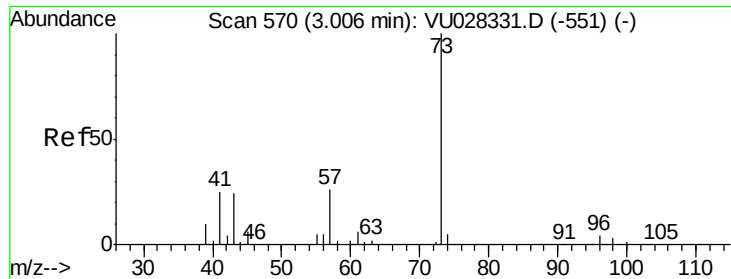
Tgt Ion: 59 Resp: 25069
Ion Ratio Lower Upper
59 100
45 79.6 66.4 99.6
74 65.6 52.2 78.4



#24
tert-Butyl Alcohol
Concen: 20.156 ug/l
RT: 2.88 min Scan# 531
Delta R.T. 0.02 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 59 Resp: 25051
Ion Ratio Lower Upper
59 100
57 6.1 8.2 12.4#



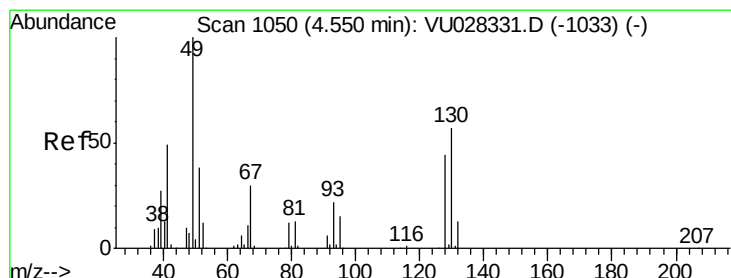
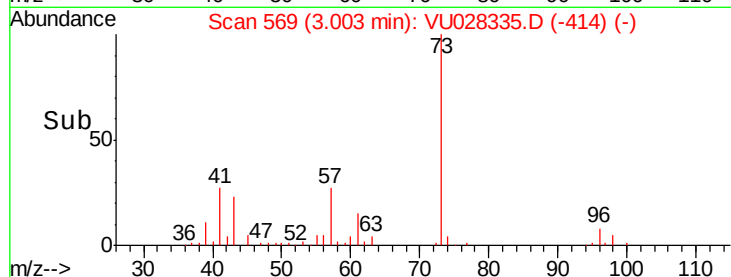
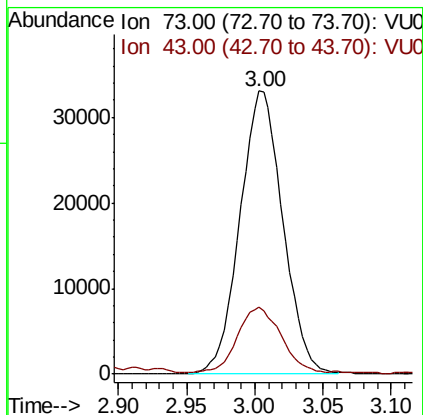
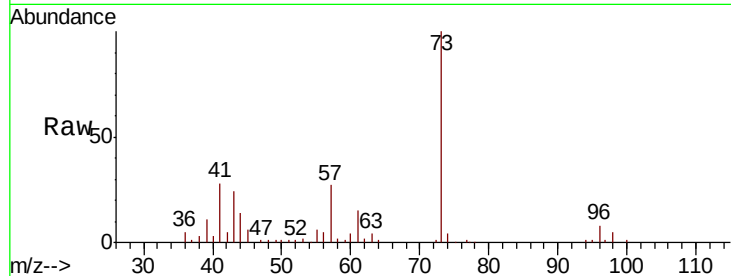


#25

Methyl tert-Butyl Ether
Concen: 1.968 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

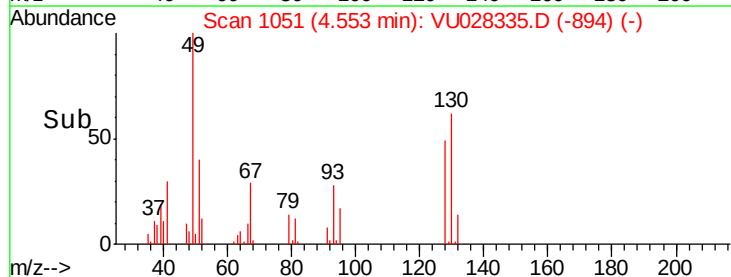
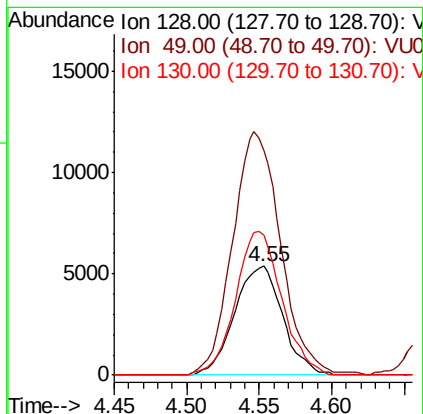
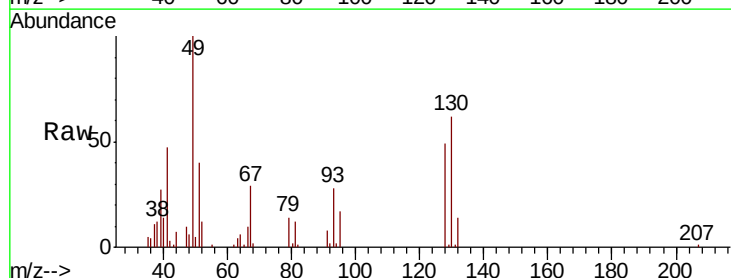
Tgt Ion: 73 Resp: 72204
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7

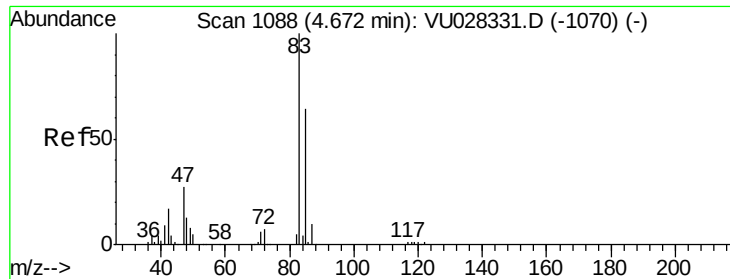


#26

Bromochloromethane
Concen: 2.014 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 128 Resp: 12422
Ion Ratio Lower Upper
128 100
49 222.3 0.0 457.6
130 126.2 101.4 152.2

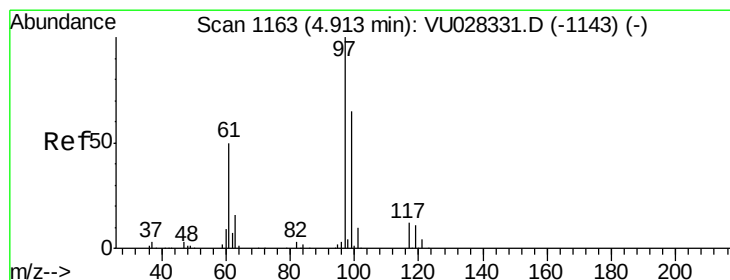
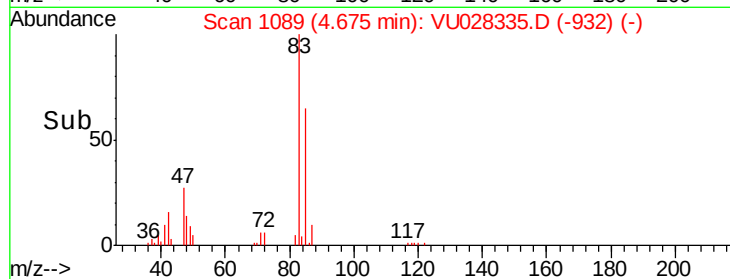
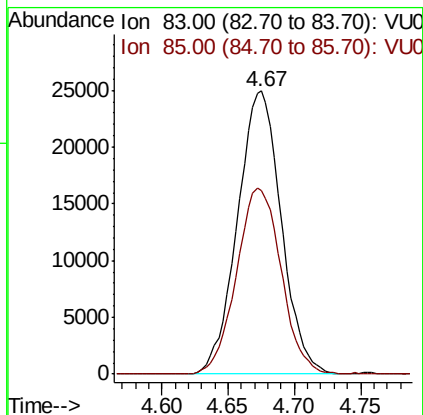
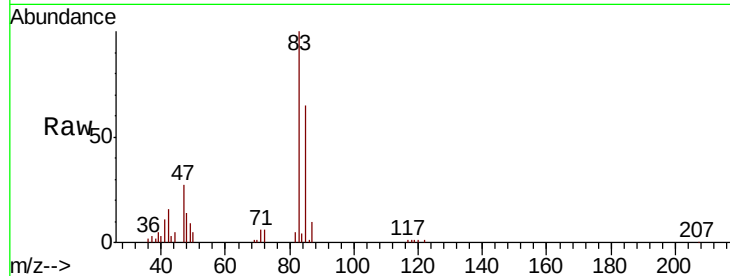




#27
Chloroform
Concen: 1.922 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

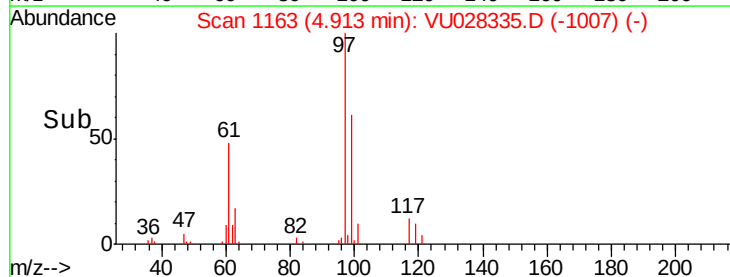
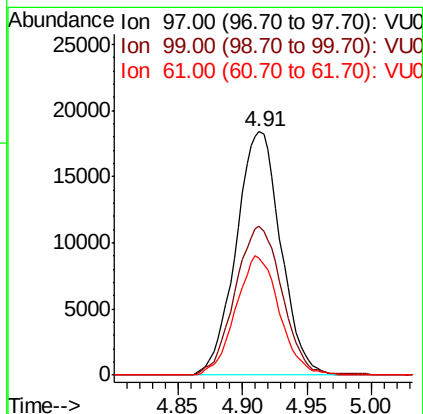
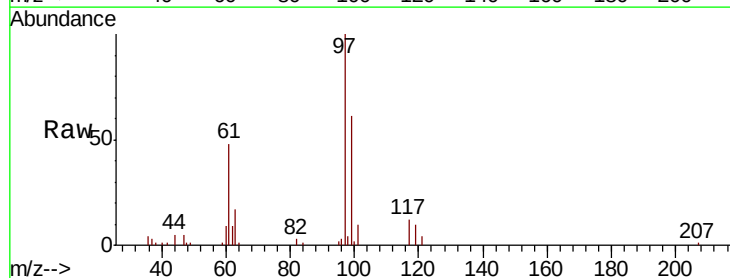
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

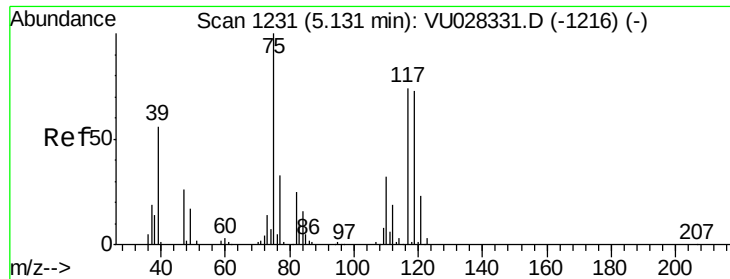
Tgt Ion: 83 Resp: 57125
Ion Ratio Lower Upper
83 100
85 64.7 0.0 128.0



#28
1,1,1-Trichloroethane
Concen: 1.911 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 97 Resp: 44341
Ion Ratio Lower Upper
97 100
99 64.3 32.2 96.6
61 48.0 24.9 74.7

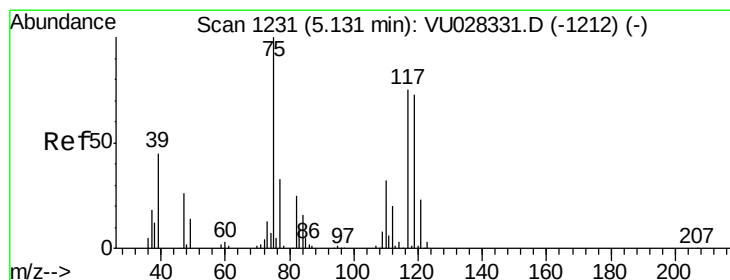
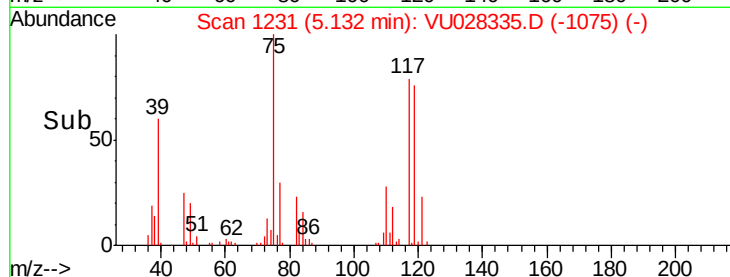
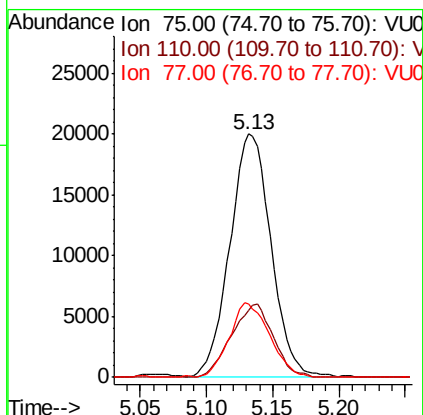
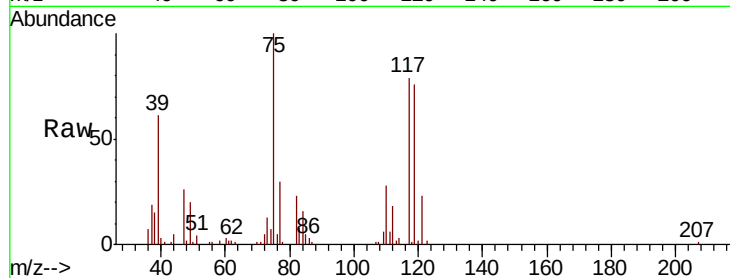




#29
 1,1-Dichloropropene
 Concen: 1.947 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

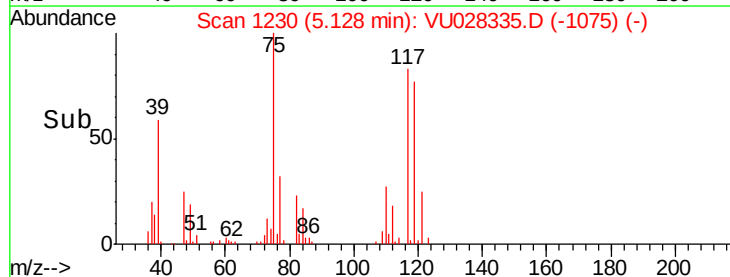
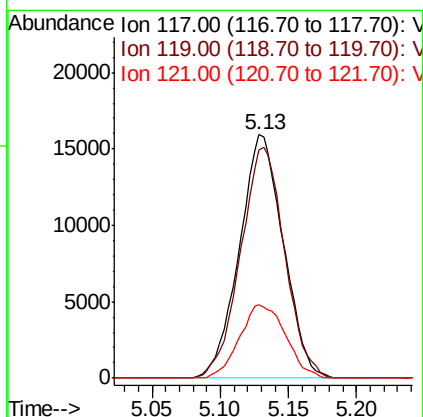
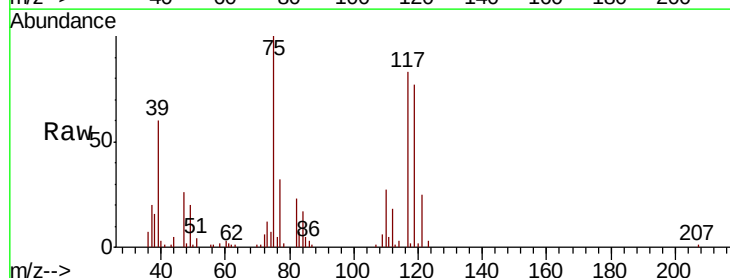
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

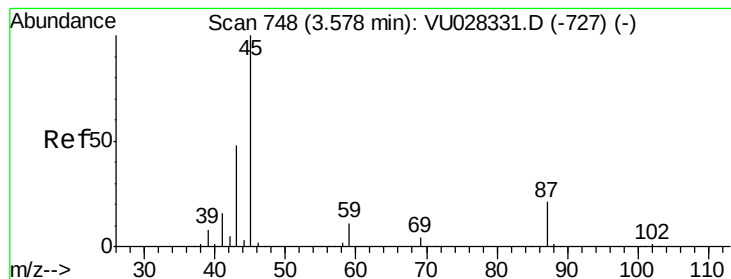
Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.8	47.3
77	30.0	25.4	38.0



#30
 Carbon Tetrachloride
 Concen: 1.904 ug/l
 RT: 5.13 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.2	117.4
121	30.3	24.7	37.1





#31

Isopropyl Ether

Concen: 1.940 ug/l

RT: 3.58 min Scan# 748

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

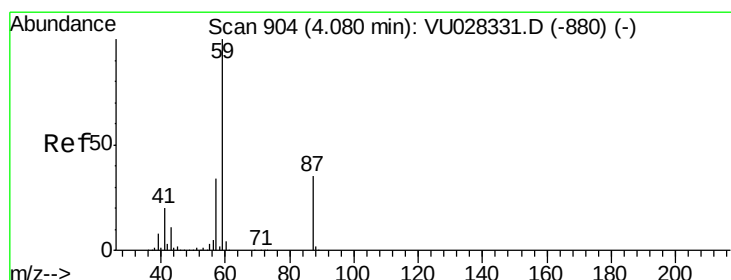
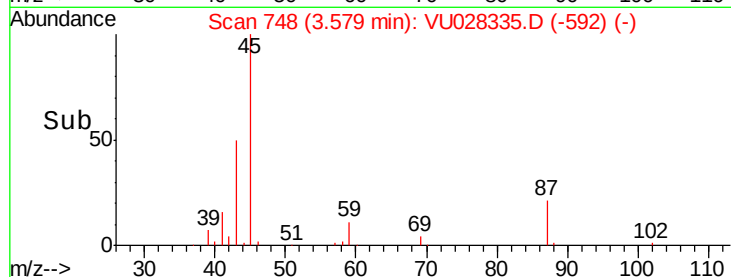
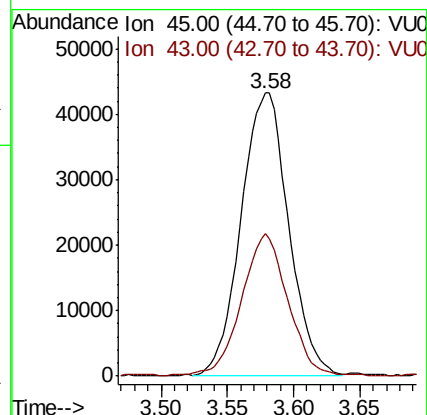
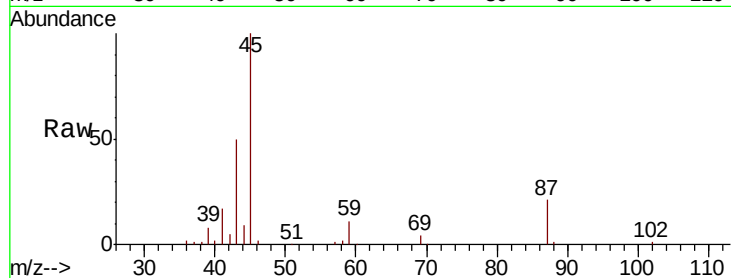
VU1126WBS01

Tgt Ion: 45 Resp: 107055

Ion Ratio Lower Upper

45 100

43 48.6 24.2 72.6



#32

Ethyl-t-butyl ether

Concen: 1.928 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028335.D

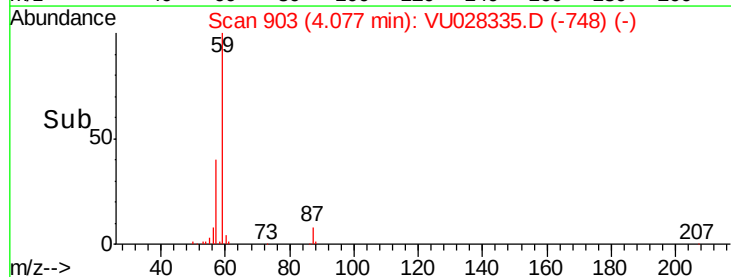
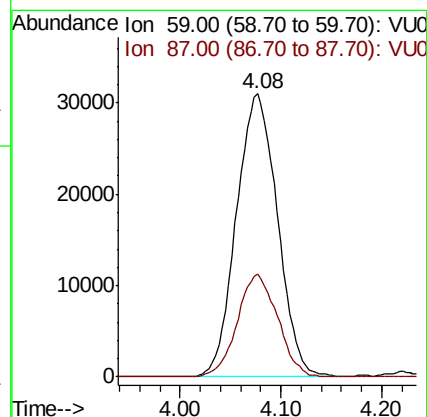
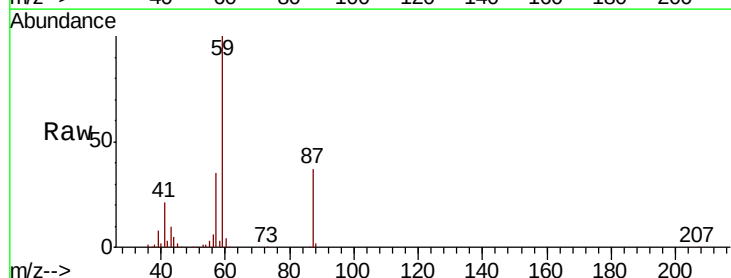
Acq: 26 Nov 2018 13:43

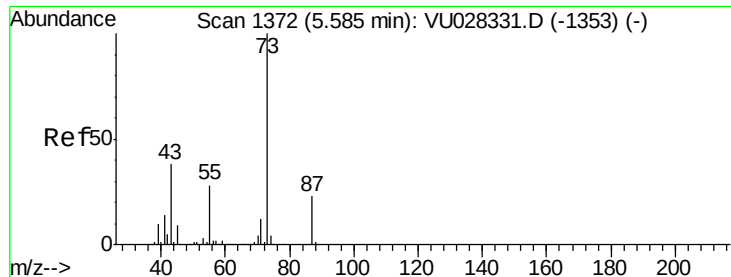
Tgt Ion: 59 Resp: 87648

Ion Ratio Lower Upper

59 100

87 35.6 28.2 42.4

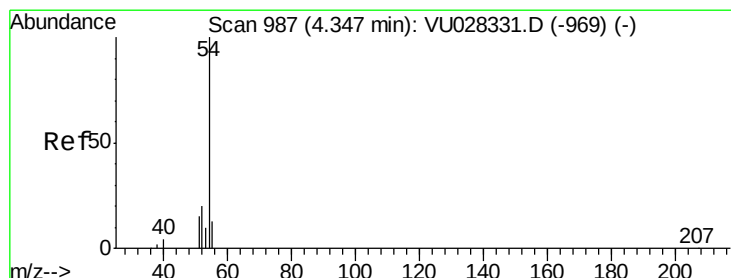
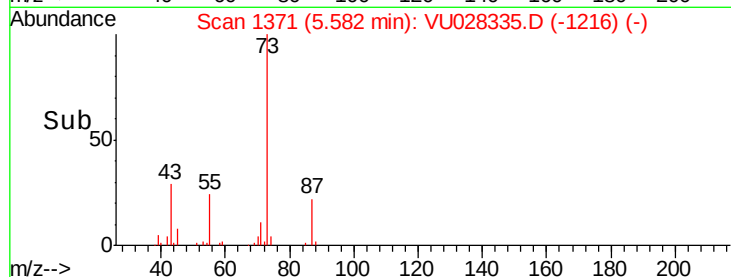
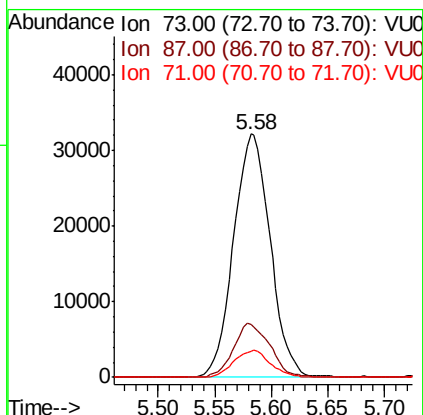
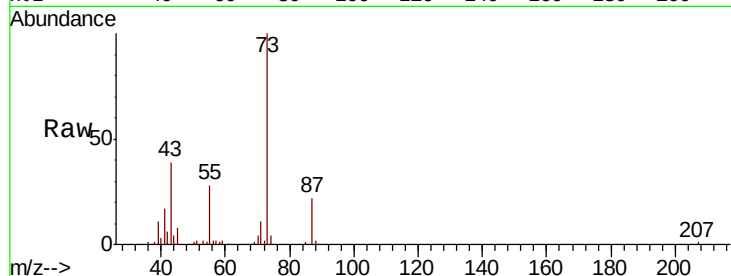




#33
Tert-Amyl methyl ether
Concen: 1.926 ug/l
RT: 5.58 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

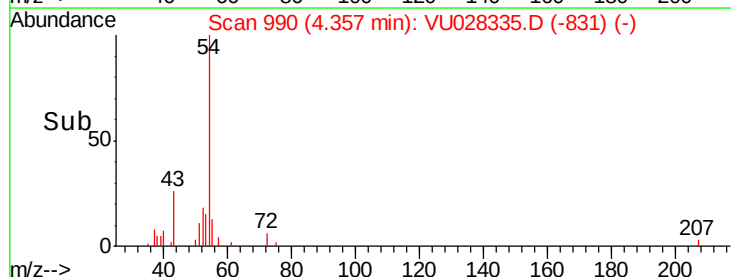
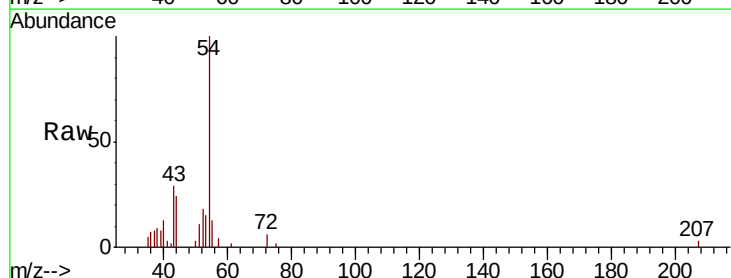
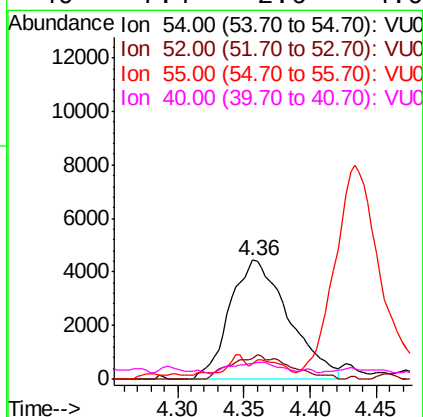
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

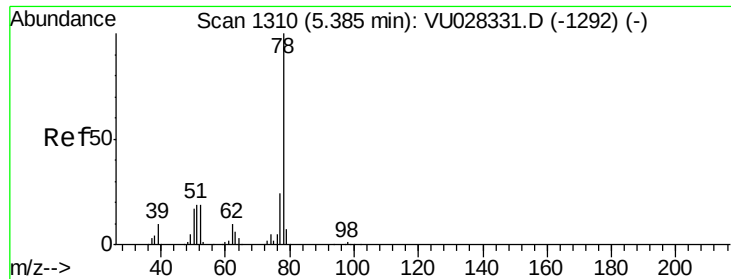
Tgt Ion: 73 Resp: 72622
Ion Ratio Lower Upper
73 100
87 21.9 17.6 26.4
71 10.9 9.2 13.8



#34
Propionitrile
Concen: 10.018 ug/l
RT: 4.36 min Scan# 990
Delta R.T. 0.01 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion: 54 Resp: 13712
Ion Ratio Lower Upper
54 100
52 12.6 16.6 25.0#
55 4.8 12.9 19.3#
40 7.4 2.6 4.0#





#35

Benzene

Concen: 1.934 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

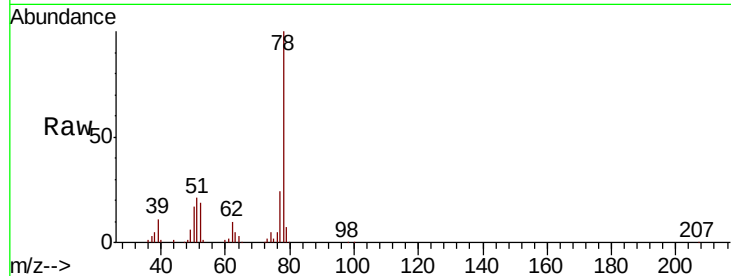
VU1126WBS01

Tgt Ion: 78 Resp: 126741

Ion Ratio Lower Upper

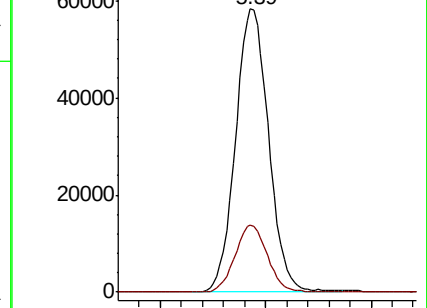
78 100

77 23.8 19.5 29.3

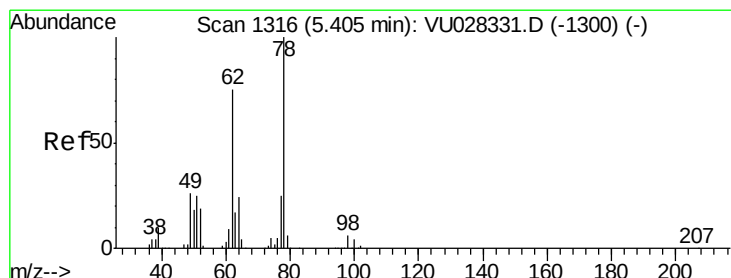
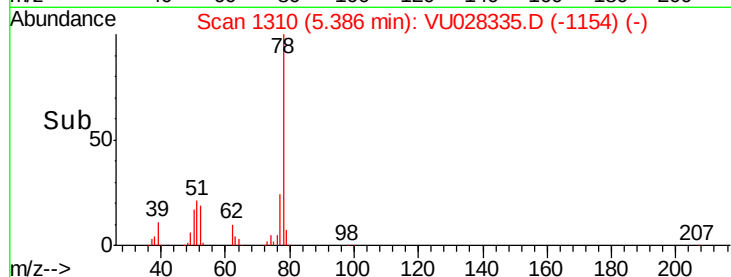


Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#36

1,2-Dichloroethane

Concen: 1.897 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU028335.D

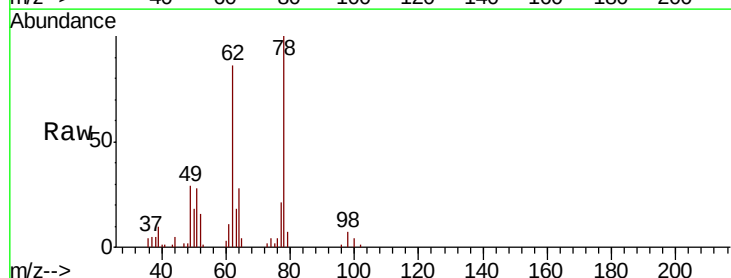
Acq: 26 Nov 2018 13:43

Tgt Ion: 62 Resp: 37192

Ion Ratio Lower Upper

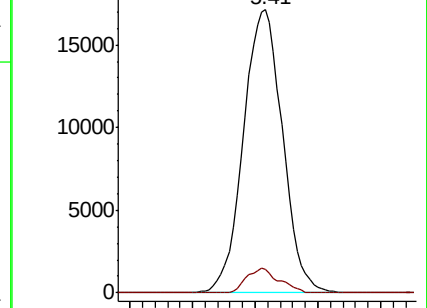
62 100

98 7.2 6.0 9.0

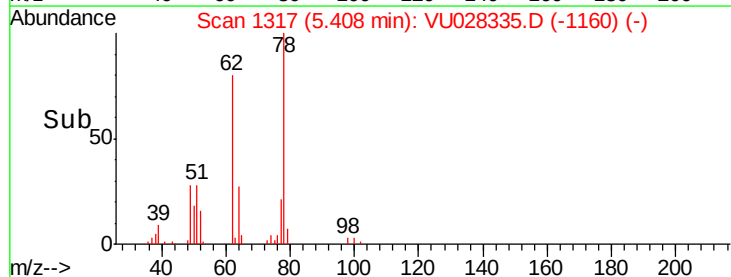


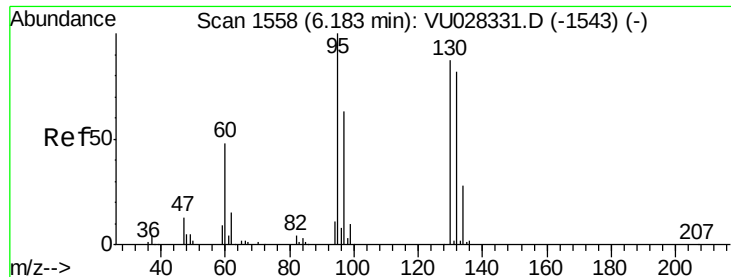
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



Time-->

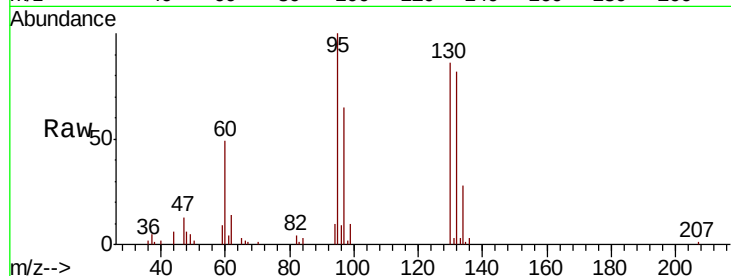




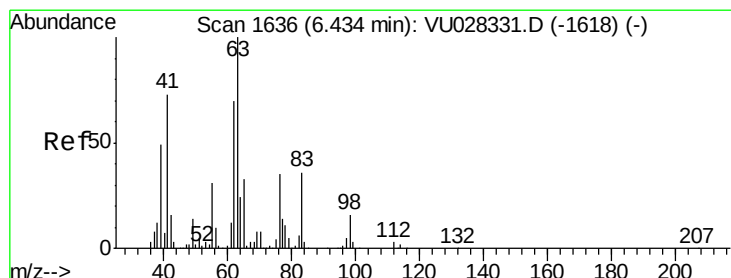
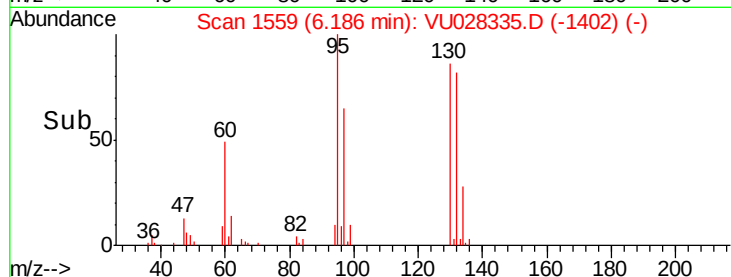
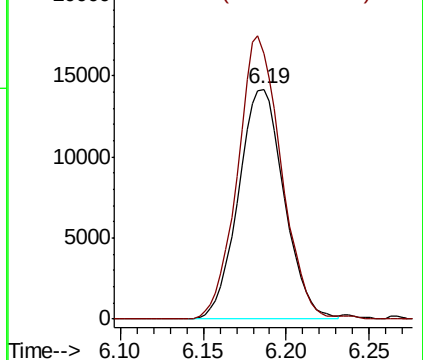
#37
 Trichloroethene
 Concen: 1.902 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion: 130 Resp: 27148
 Ion Ratio Lower Upper
 130 100
 95 115.7 91.5 137.3

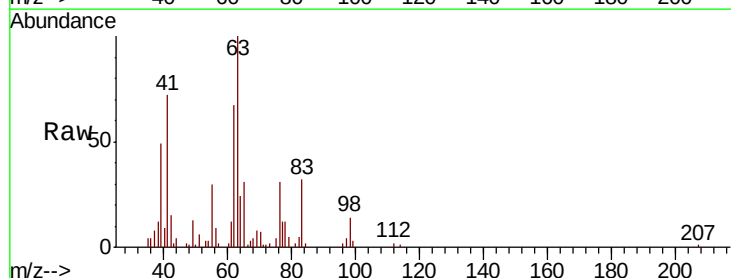


Abundance Ion 129.90 (129.60 to 130.60): VU028335.D (-1402) (-)
 Ion 94.90 (94.60 to 95.60): VU028335.D (-1402) (-)

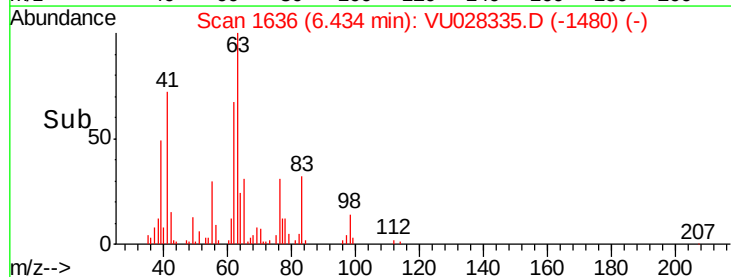
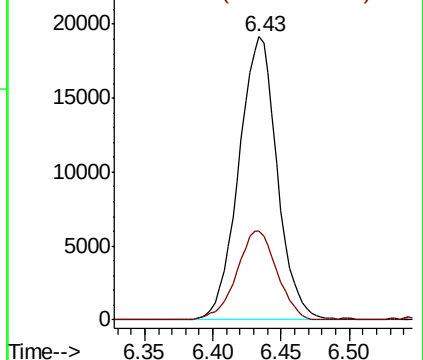


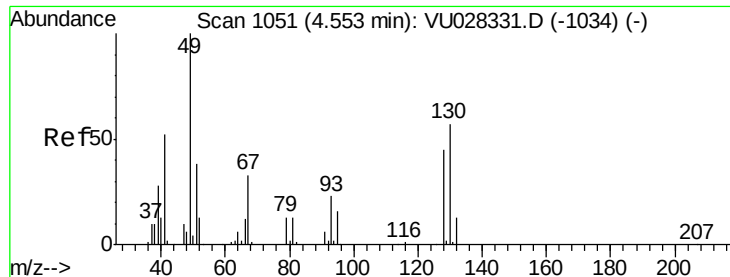
#38
 1,2-Dichloropropane
 Concen: 2.001 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 63 Resp: 37407
 Ion Ratio Lower Upper
 63 100
 65 31.5 26.2 39.4



Abundance Ion 63.00 (62.70 to 63.70): VU028335.D (-1480) (-)
 Ion 65.00 (64.70 to 65.70): VU028335.D (-1480) (-)

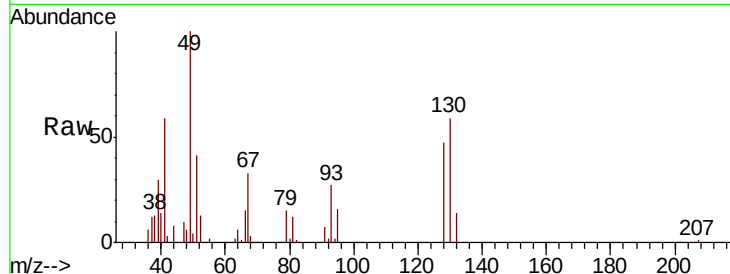




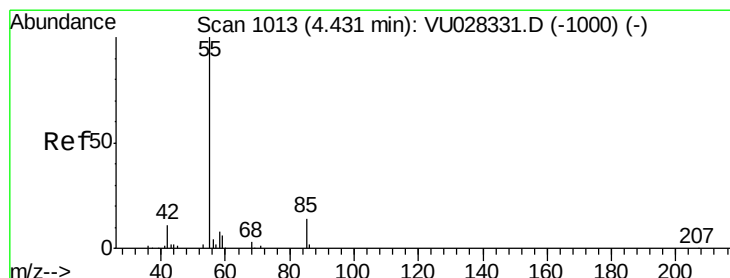
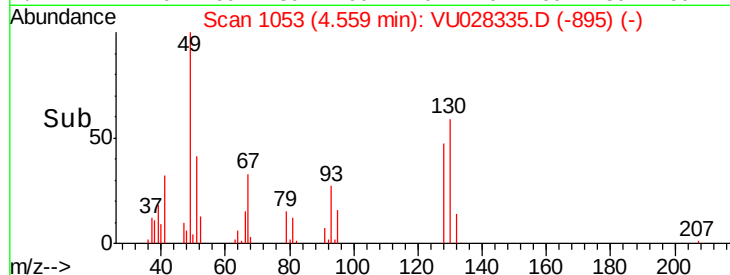
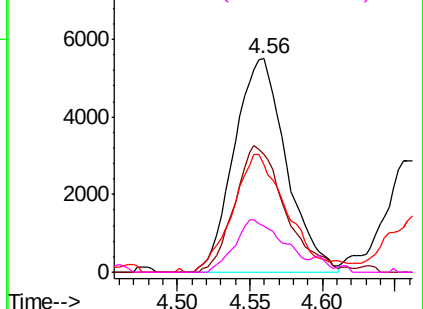
#39
Methacrylonitrile
Concen: 1.876 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion:	41	Resp:	13751
Ion	Ratio	Lower	Upper
41	100		
67	57.8	48.2	72.4
39	58.7	42.9	64.3
52	22.6	21.4	32.0

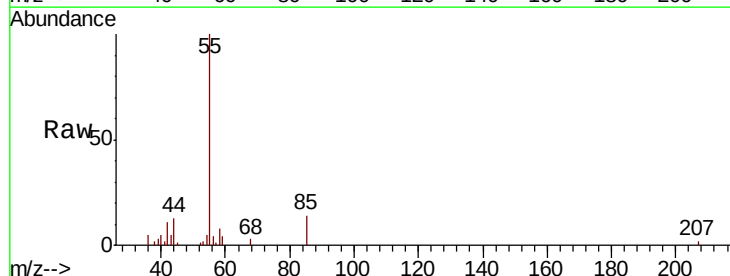


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

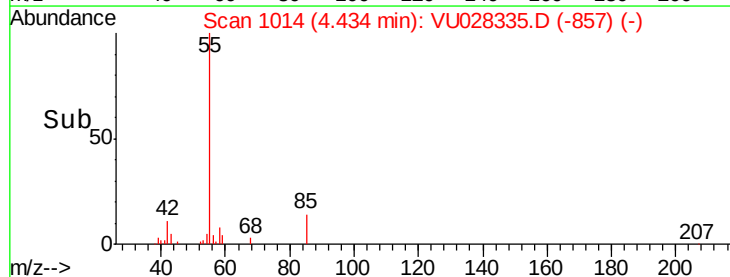
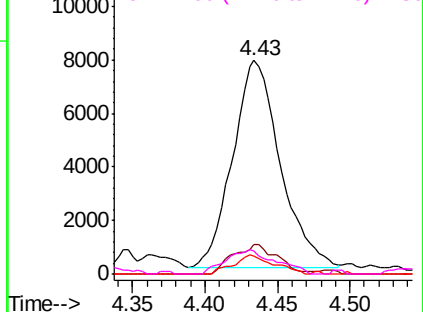


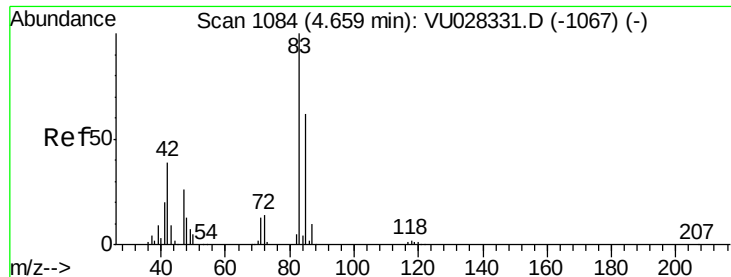
#40
Methyl acrylate
Concen: 1.753 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion:	55	Resp:	17683
Ion	Ratio	Lower	Upper
55	100		
85	13.5	10.9	16.3
58	7.8	6.4	9.6
42	12.0	7.5	11.3#



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.896 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

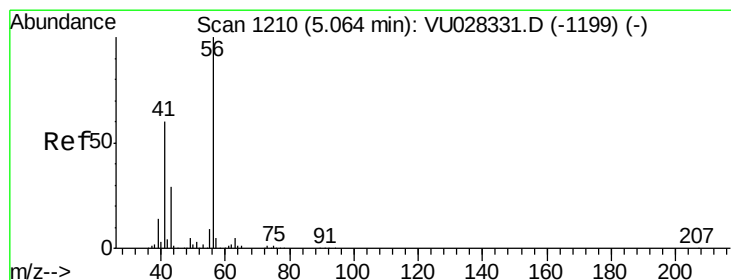
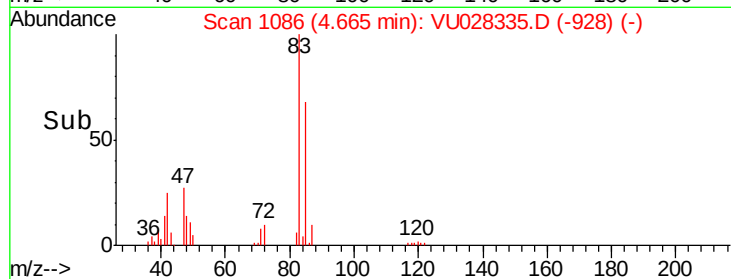
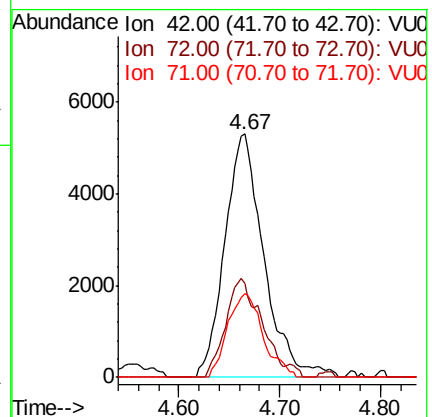
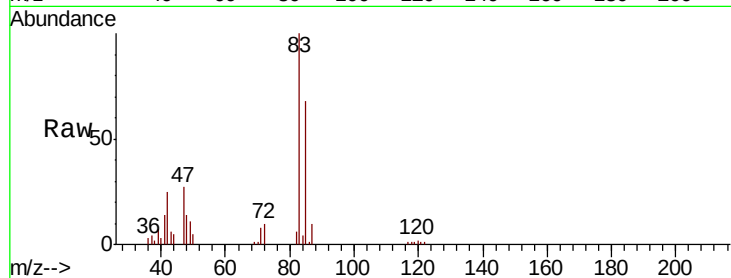
Tgt Ion: 42 Resp: 14357

Ion Ratio Lower Upper

42 100

72 36.7 29.8 44.6

71 31.0 25.9 38.9



#42

1-Chlorobutane

Concen: 1.923 ug/l

RT: 5.06 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VU028335.D

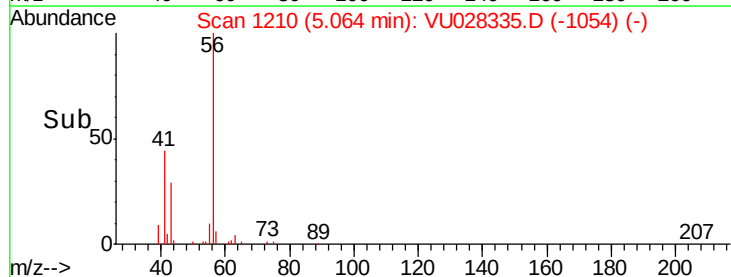
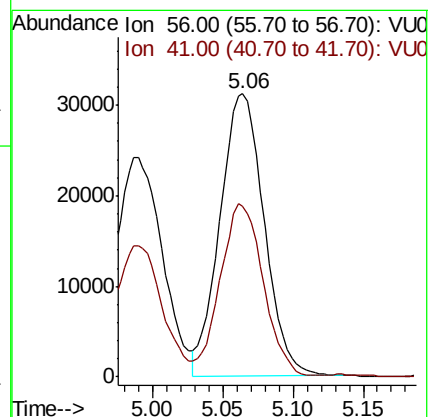
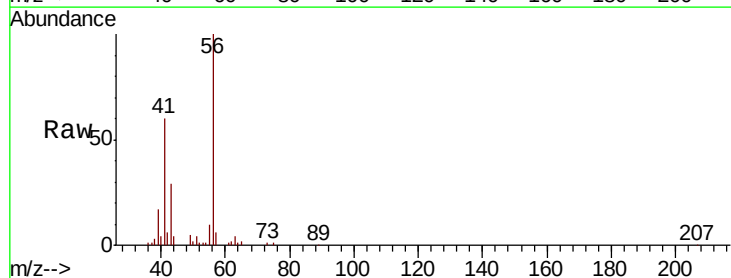
Acq: 26 Nov 2018 13:43

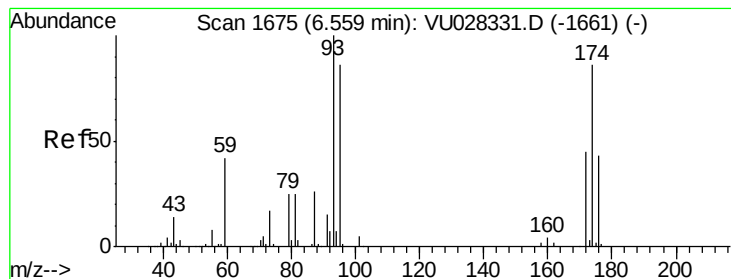
Tgt Ion: 56 Resp: 68072

Ion Ratio Lower Upper

56 100

41 59.3 29.8 89.3





#43

Dibromomethane

Concen: 2.045 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

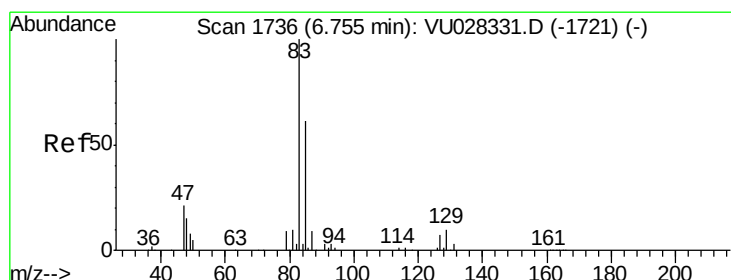
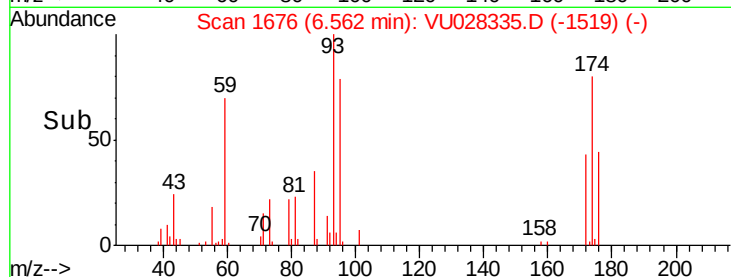
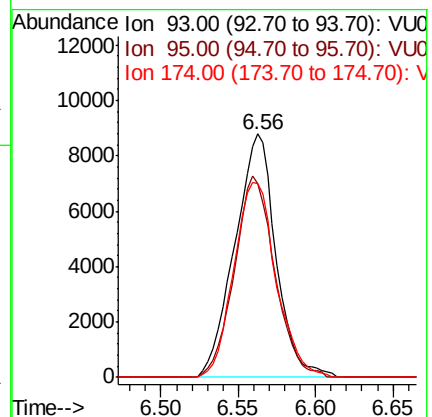
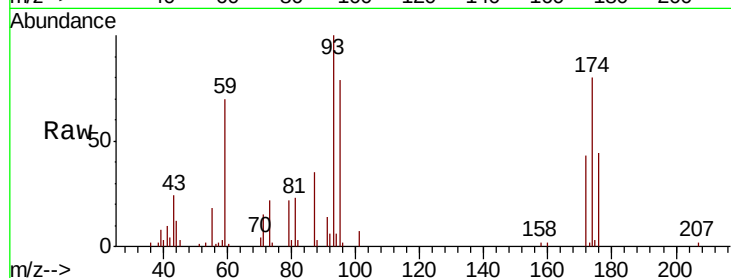
Tgt Ion: 93 Resp: 16270

Ion Ratio Lower Upper

93 100

95 80.8 66.6 99.8

174 82.0 69.4 104.2



#44

Bromodichloromethane

Concen: 1.890 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

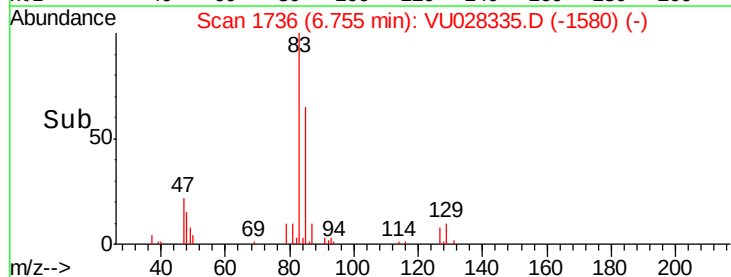
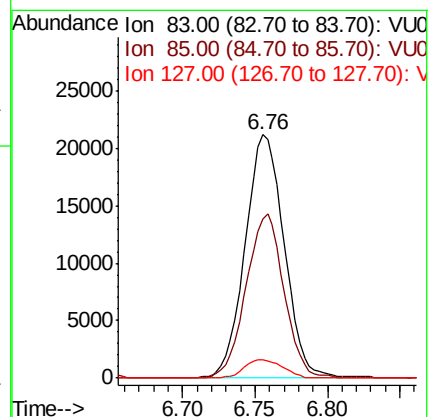
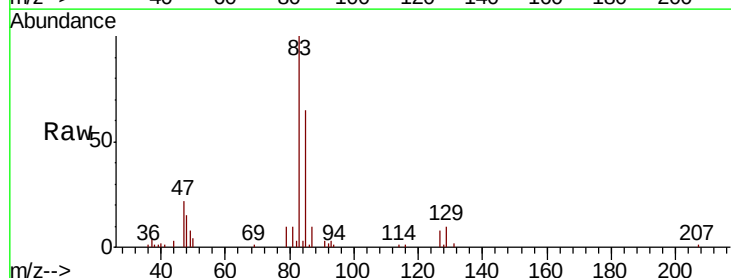
Tgt Ion: 83 Resp: 39717

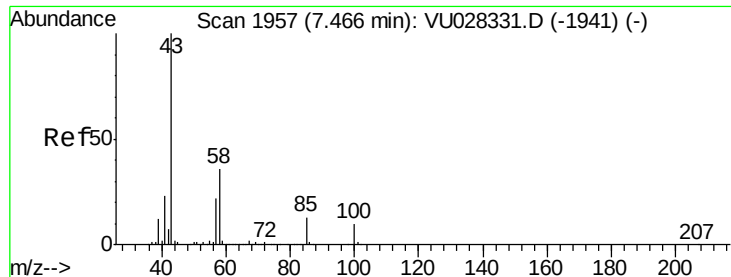
Ion Ratio Lower Upper

83 100

85 65.4 49.0 73.6

127 7.7 5.7 8.5

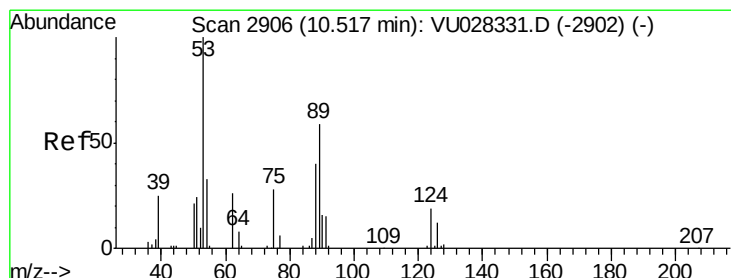
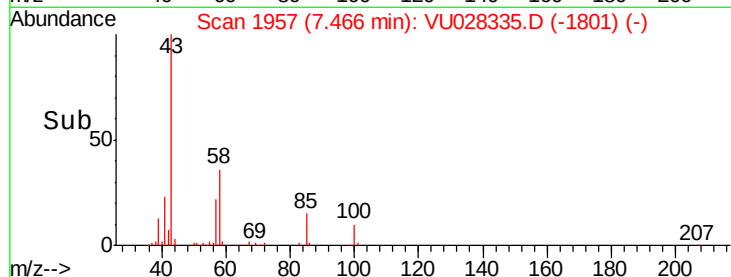
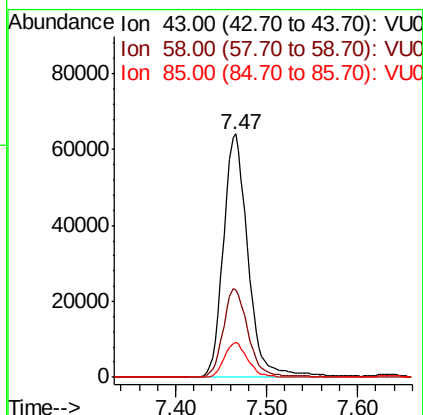
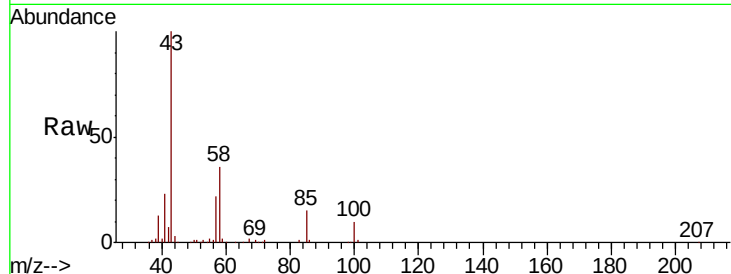




#45
4-Methyl-2-Pentanone
Concen: 9.465 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

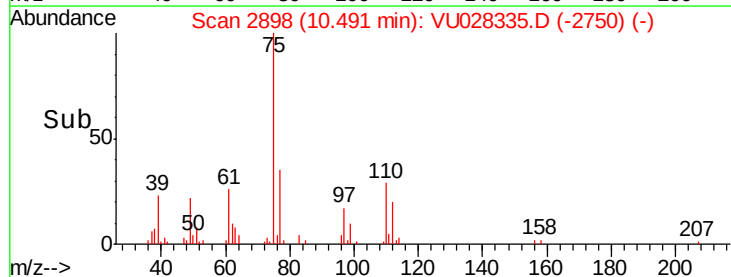
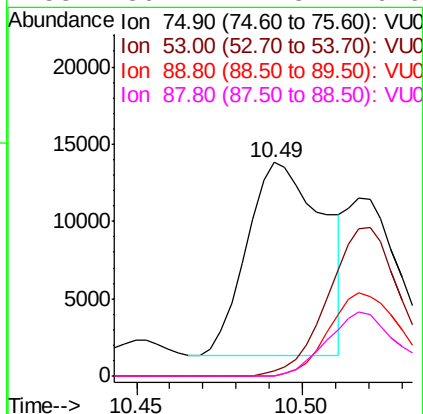
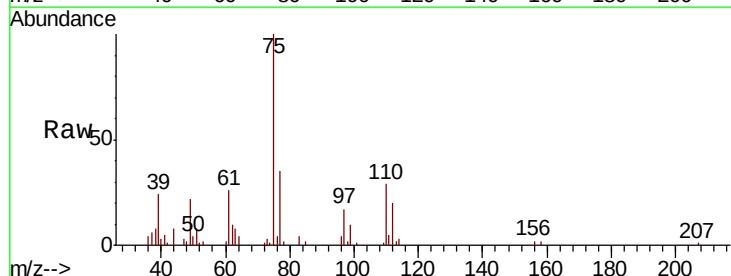
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

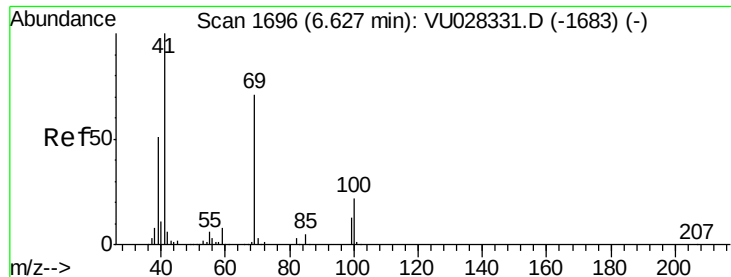
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	17.9	53.7
85	13.7	10.8	16.2



#46
t-1,4-Dichloro-2-butene
Concen: 4.337 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.03 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
53	73.1	65.0	97.6
89	41.2	38.6	58.0
88	30.7	27.3	40.9





#47

Methyl methacrylate

Concen: 3.735 ug/l

RT: 6.63 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 69 Resp: 30337

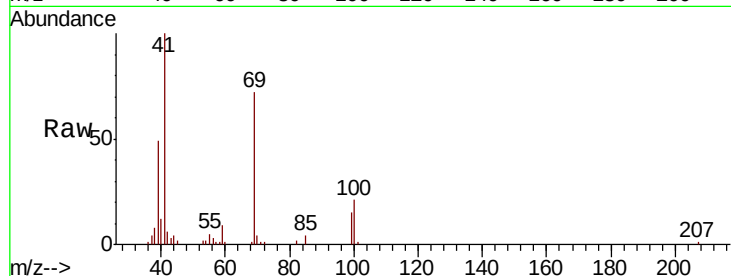
Ion Ratio Lower Upper

69 100

41 138.8 0.0 277.2

39 70.0 57.6 86.4

100 29.8 24.4 36.6

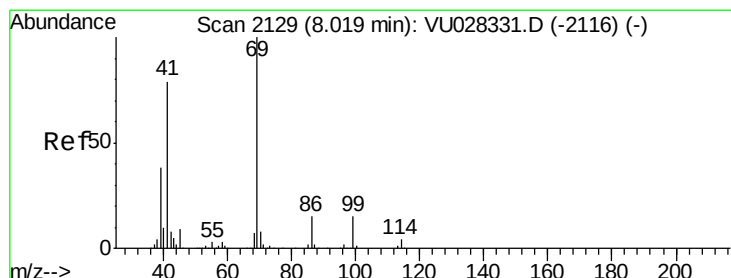
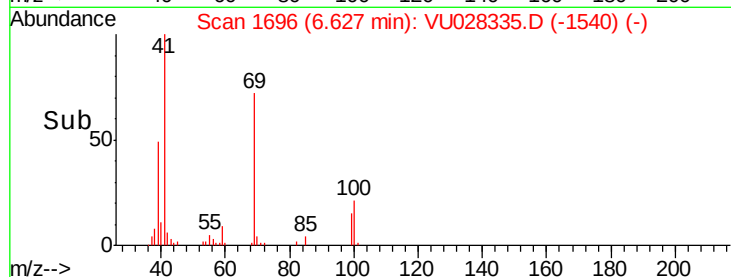
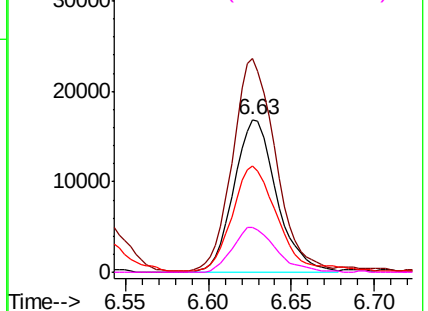


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.858 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU028335.D

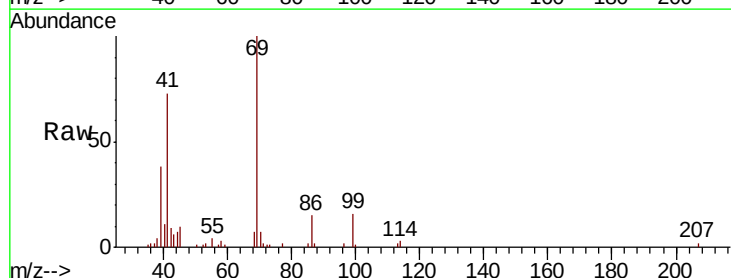
Acq: 26 Nov 2018 13:43

Tgt Ion: 69 Resp: 30185

Ion Ratio Lower Upper

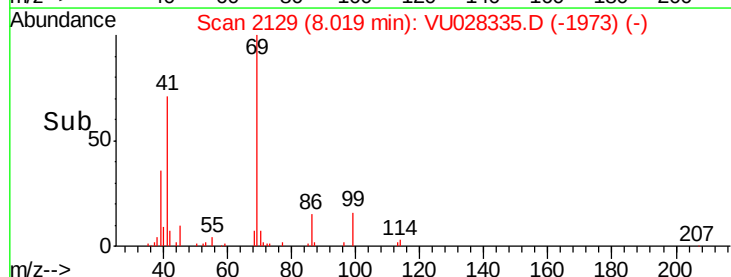
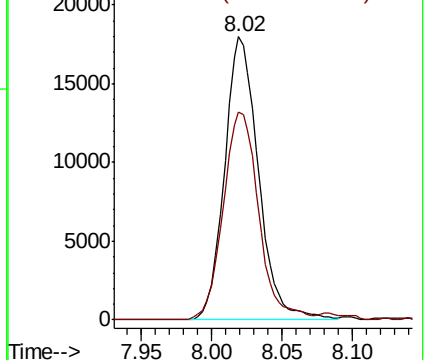
69 100

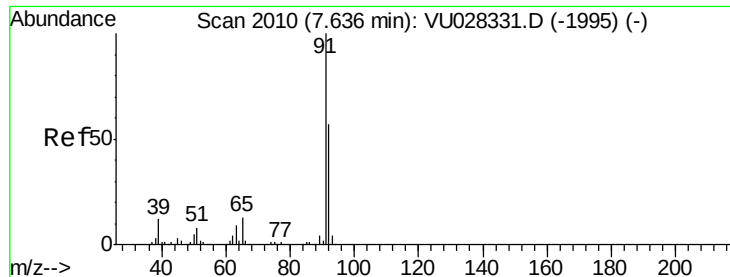
41 76.8 39.4 118.2



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.914 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

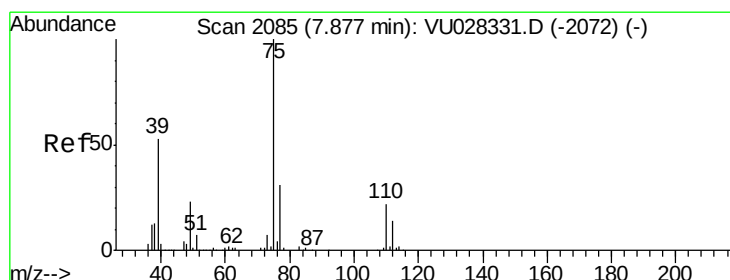
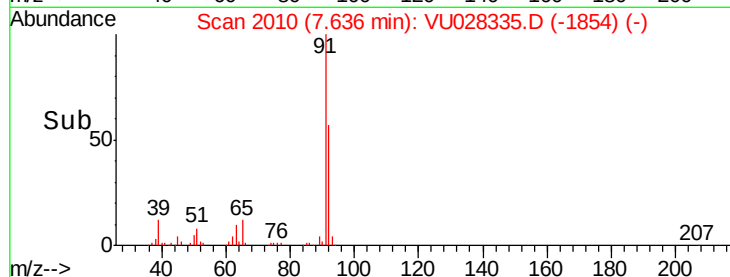
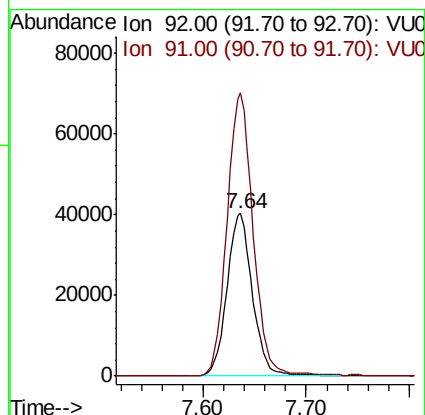
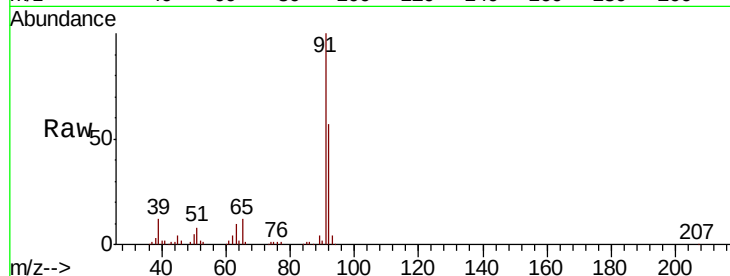
VU1126WBS01

Tgt Ion: 92 Resp: 69655

Ion Ratio Lower Upper

92 100

91 177.2 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 1.871 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU028335.D

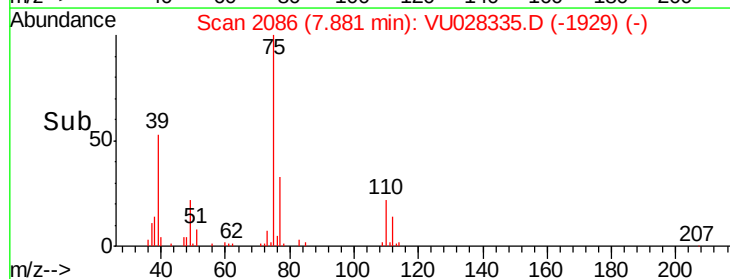
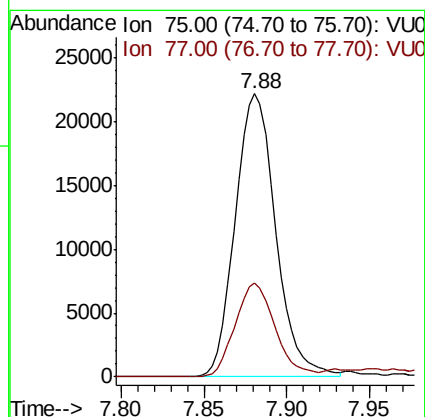
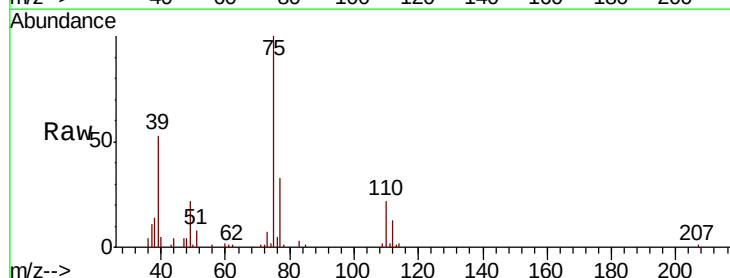
Acq: 26 Nov 2018 13:43

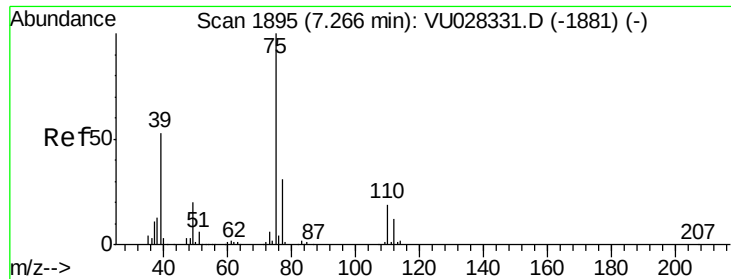
Tgt Ion: 75 Resp: 37759

Ion Ratio Lower Upper

75 100

77 33.2 24.7 37.1

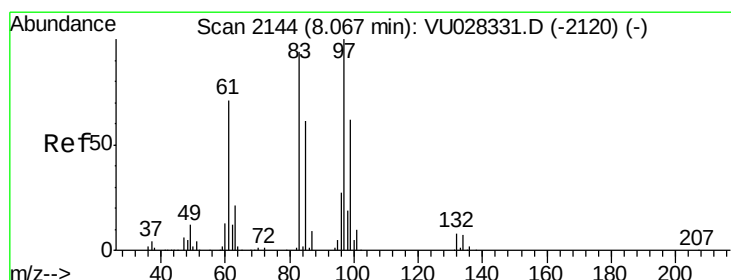
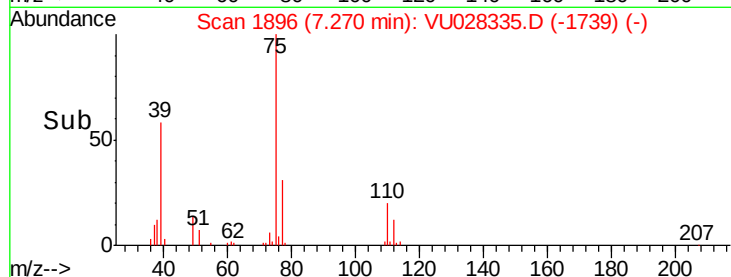
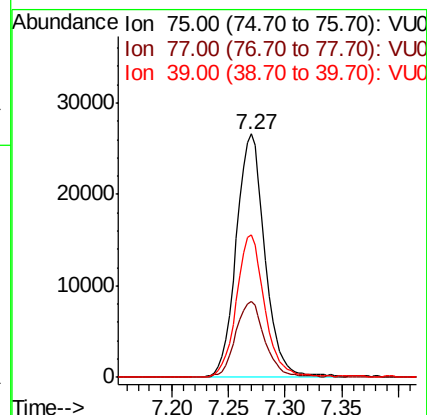
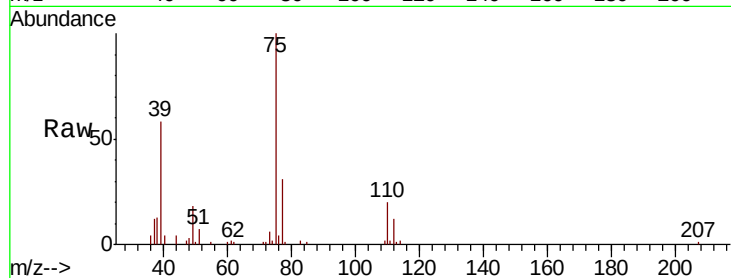




#51
 cis-1,3-Dichloropropene
 Concen: 1.890 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

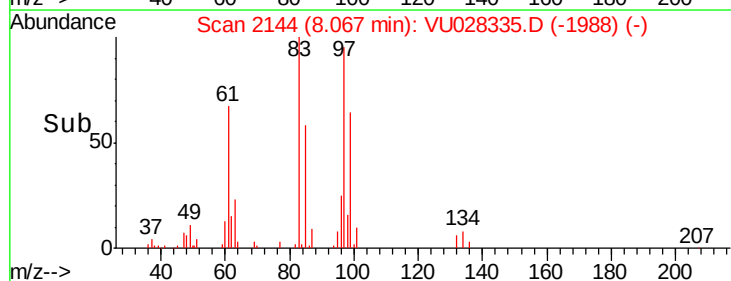
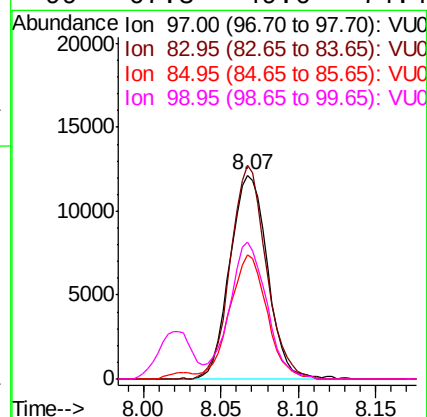
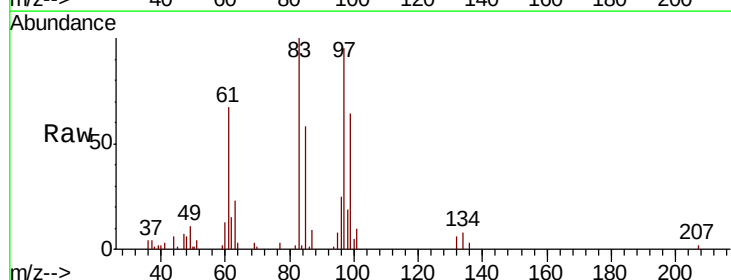
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

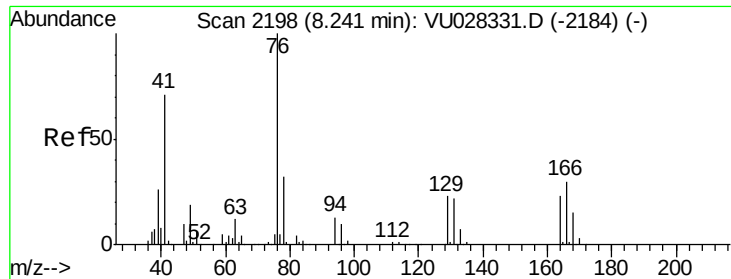
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.4	36.6
39	58.3	42.8	64.2



#52
 1,1,2-Trichloroethane
 Concen: 1.833 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	104.9	75.1	112.7
85	61.1	48.7	73.1
99	67.3	49.6	74.4





#53

1,3-Dichloropropane

Concen: 1.849 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

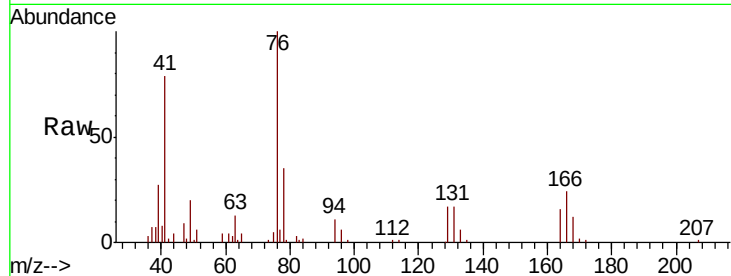
VU1126WBS01

Tgt Ion: 76 Resp: 38580

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.0



Abundance Ion 76.00 (75.70 to 76.70): VU028335.D (-2042) (-)

Ion 78.00 (77.70 to 78.70): VU028335.D (-2042) (-)

8.24

25000

20000

15000

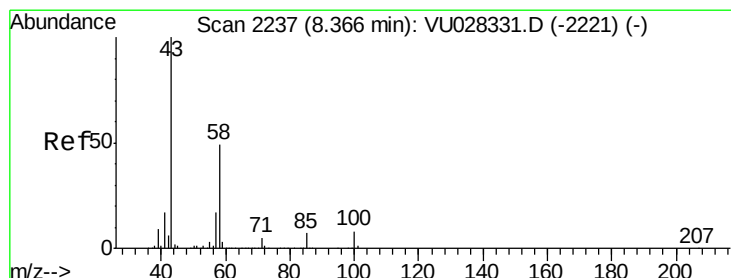
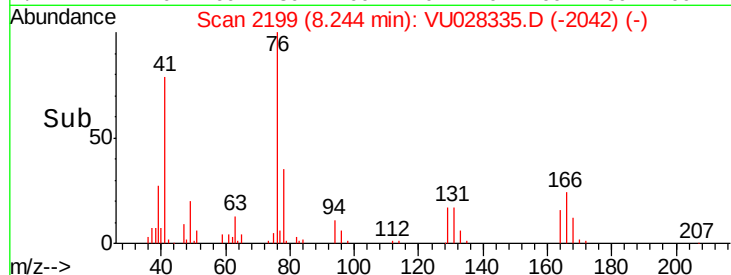
10000

5000

0

8.15 8.20 8.25 8.30 8.35

Time-->



#54

2-Hexanone

Concen: 9.421 ug/l

RT: 8.37 min Scan# 2237

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

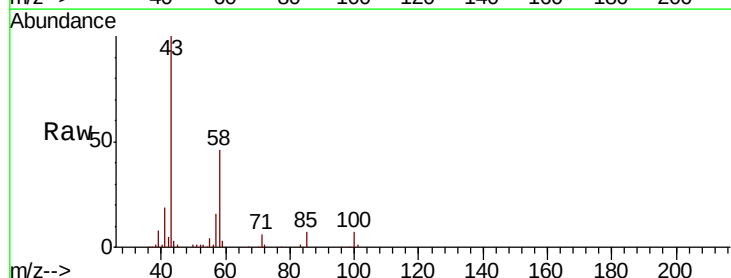
Tgt Ion: 43 Resp: 86621

Ion Ratio Lower Upper

43 100

58 47.8 29.3 69.3

57 16.1 0.0 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU028335.D (-2081) (-)

Ion 58.00 (57.70 to 58.70): VU028335.D (-2081) (-)

Ion 57.00 (56.70 to 57.70): VU028335.D (-2081) (-)

8.37

60000

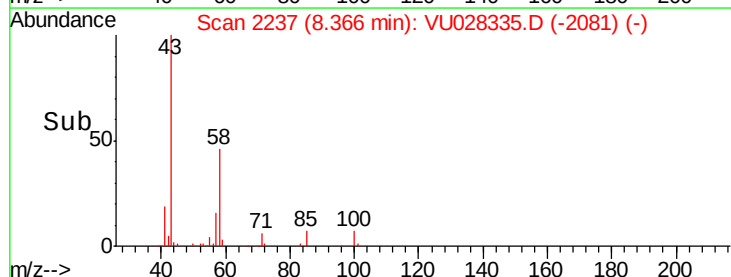
40000

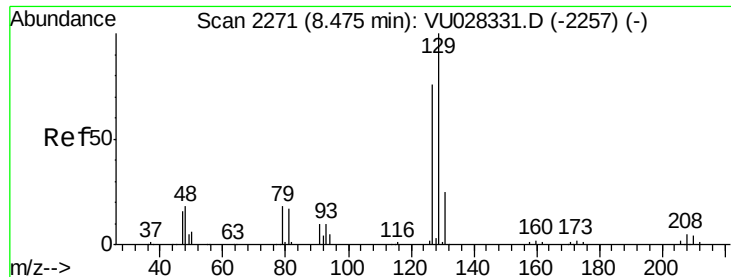
20000

0

8.30 8.35 8.40 8.45

Time-->





#55

Dibromochloromethane

Concen: 1.959 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

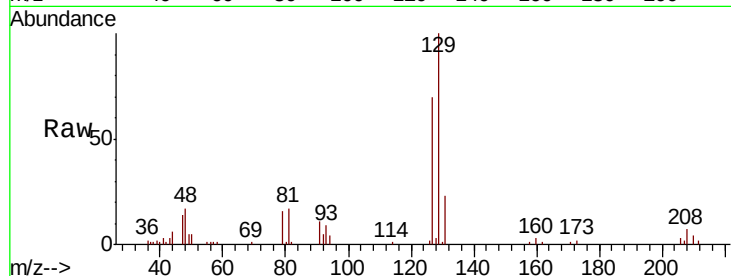
VU1126WBS01

Tgt Ion:129 Resp: 23277

Ion Ratio Lower Upper

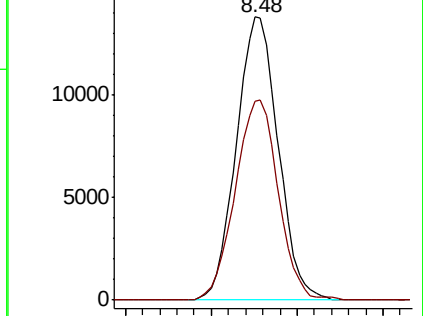
129 100

127 72.8 61.0 91.4

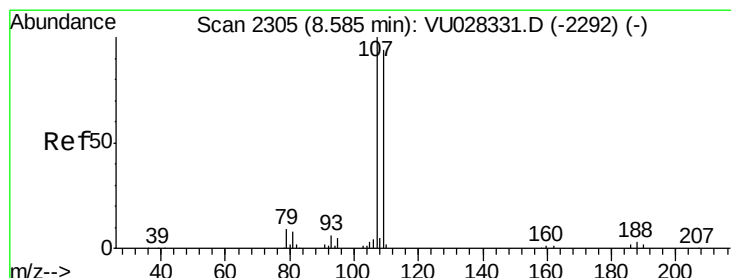
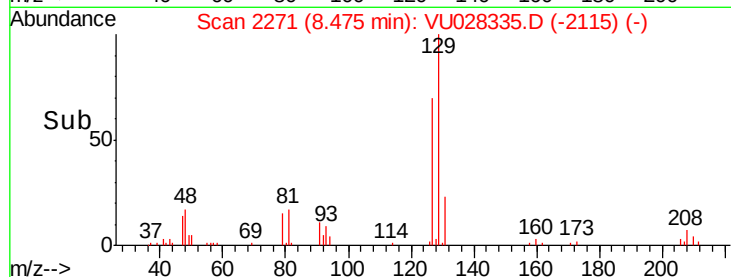


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time--> 8.40 8.45 8.50 8.55



#56

1,2-Dibromoethane

Concen: 1.881 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028335.D

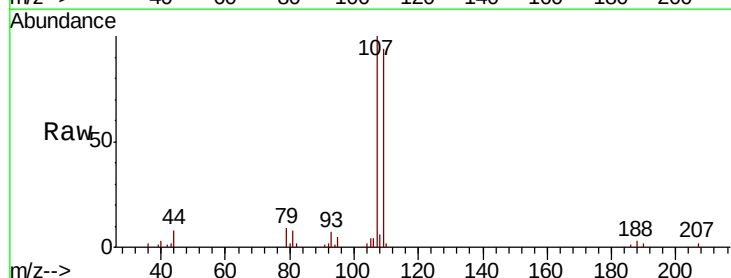
Acq: 26 Nov 2018 13:43

Tgt Ion:107 Resp: 19139

Ion Ratio Lower Upper

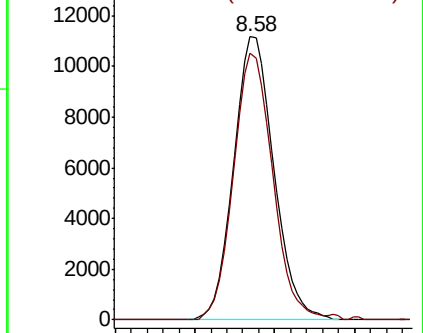
107 100

109 91.7 0.0 187.8

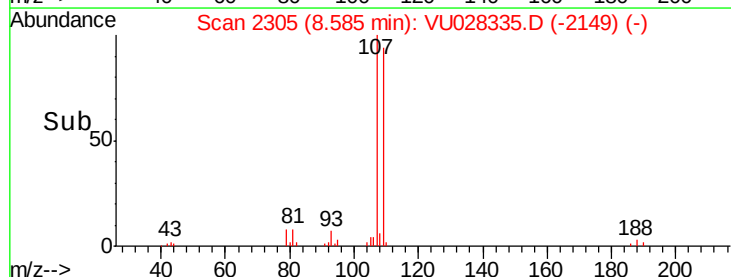


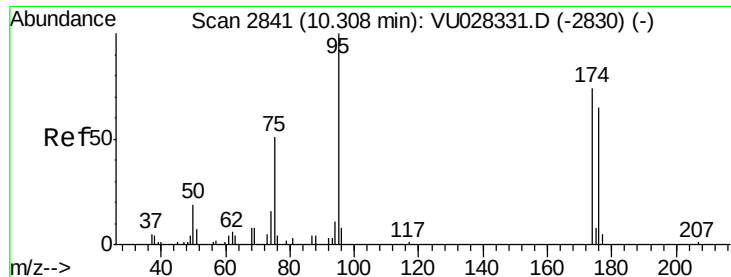
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time--> 8.50 8.55 8.60 8.65





#57

4-Bromofluorobenzene

Concen: 1.881 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

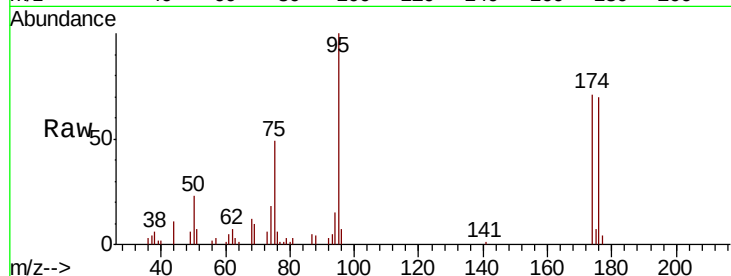
Tgt Ion: 95 Resp: 18392

Ion Ratio Lower Upper

95 100

174 72.1 59.3 88.9

176 69.7 54.3 81.5

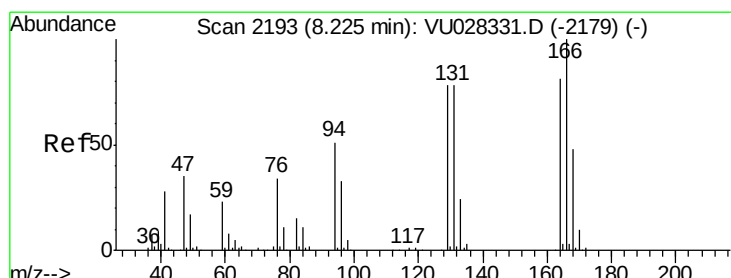
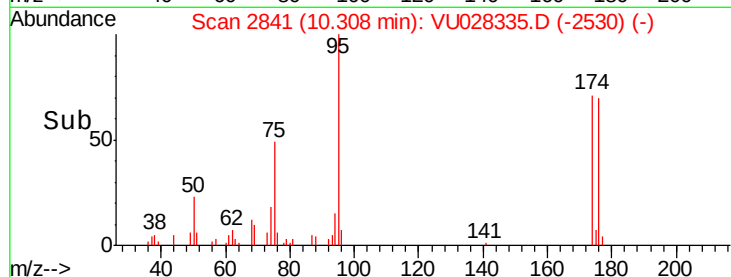
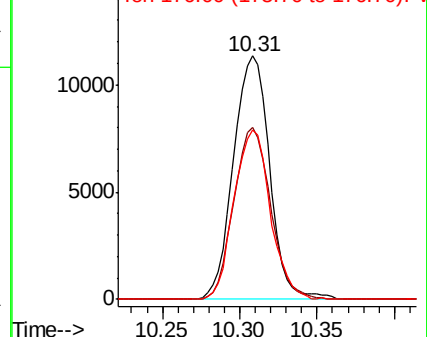


Abundance

Ion 95.00 (94.70 to 95.70): VU028335.D (-2530) (-)

Ion 174.00 (173.70 to 174.70): VU028335.D (-2530) (-)

Ion 176.00 (175.70 to 176.70): VU028335.D (-2530) (-)



#58

Tetrachloroethene

Concen: 1.902 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Tgt Ion: 164 Resp: 24860

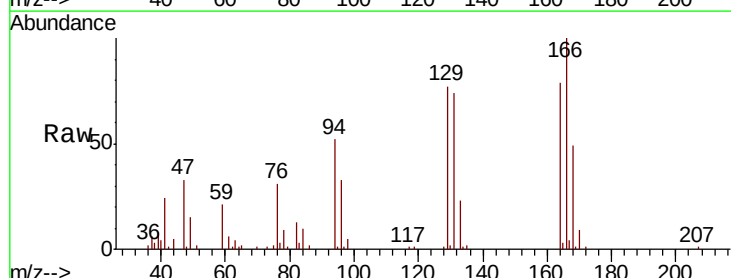
Ion Ratio Lower Upper

164 100

166 126.3 98.6 148.0

129 97.4 77.0 115.4

131 93.4 77.0 115.4



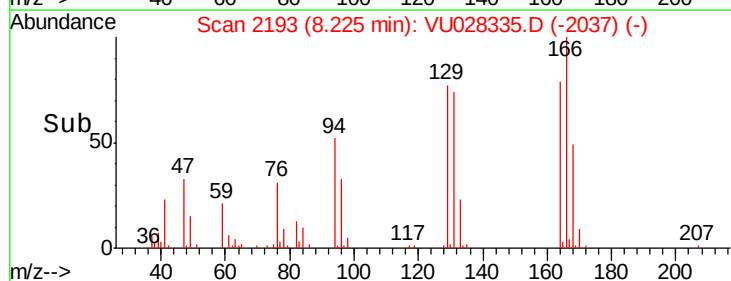
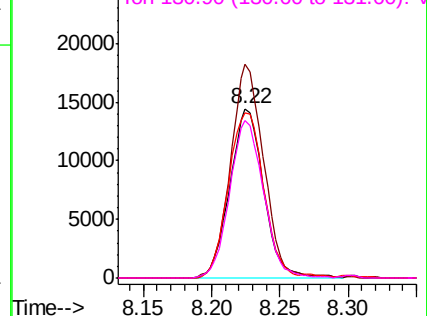
Abundance

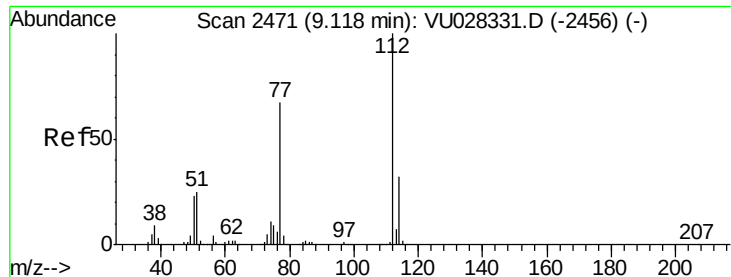
Ion 163.85 (163.55 to 164.55): VU028335.D (-2037) (-)

Ion 165.80 (165.50 to 166.50): VU028335.D (-2037) (-)

Ion 128.90 (128.60 to 129.60): VU028335.D (-2037) (-)

Ion 130.90 (130.60 to 131.60): VU028335.D (-2037) (-)

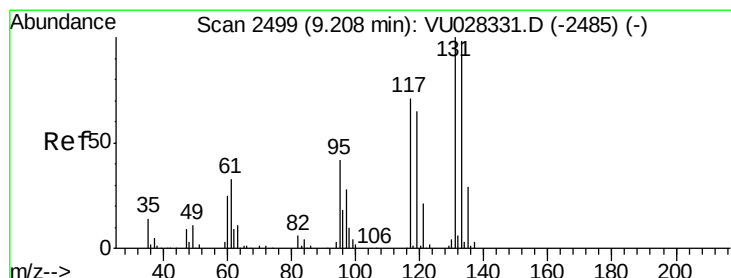
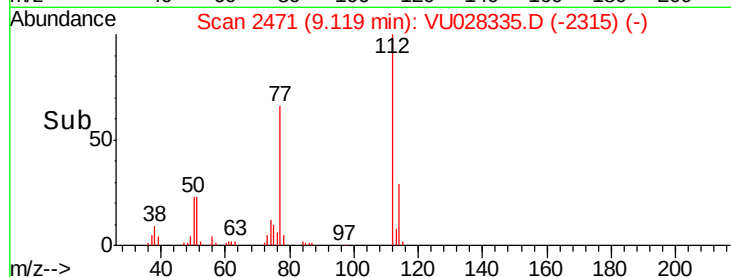
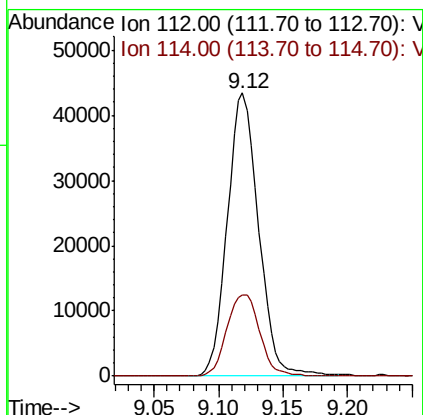
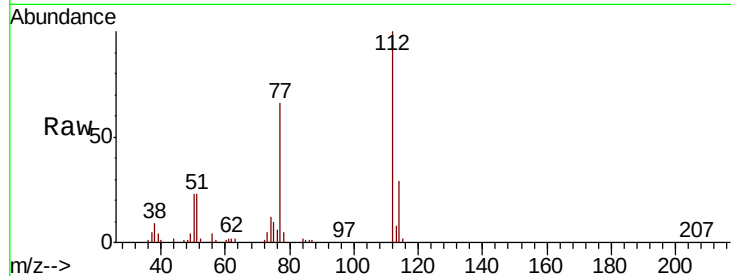




#59
Chlorobenzene
Concen: 1.930 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

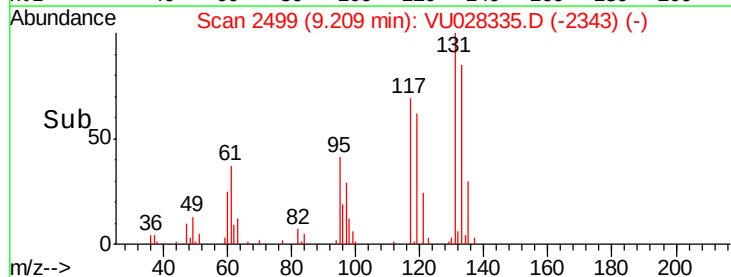
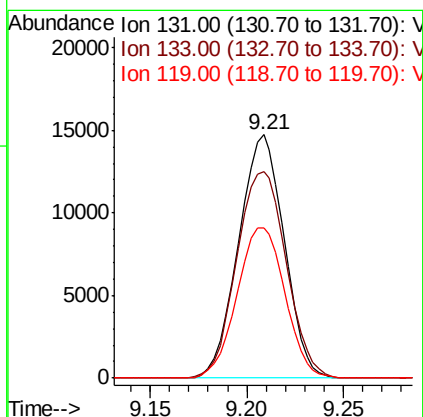
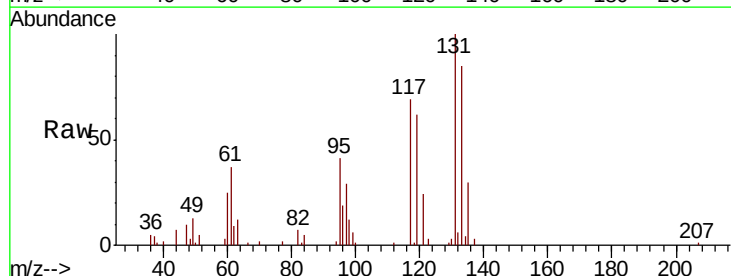
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

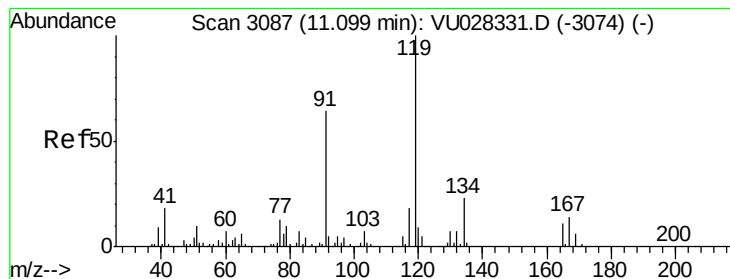
Tgt Ion:112 Resp: 73107
Ion Ratio Lower Upper
112 100
114 28.8 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 1.879 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion:131 Resp: 24123
Ion Ratio Lower Upper
131 100
133 92.5 77.7 116.5
119 65.0 54.3 81.5





#61

Pentachloroethane

Concen: 1.822 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

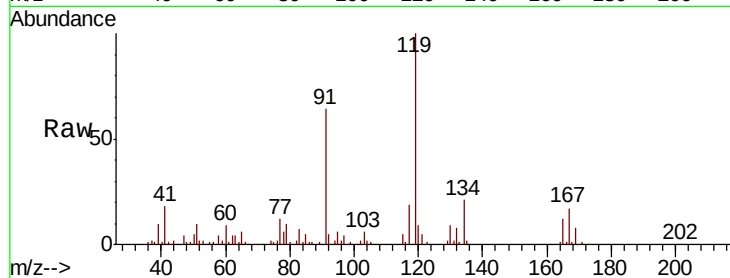
VU1126WBS01

Tgt Ion:117 Resp: 18196

Ion Ratio Lower Upper

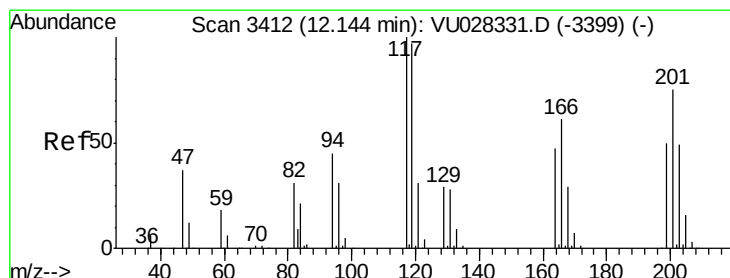
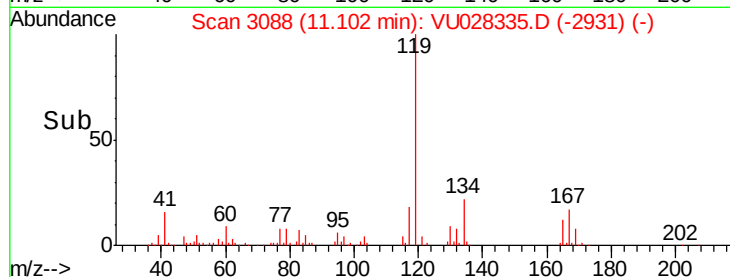
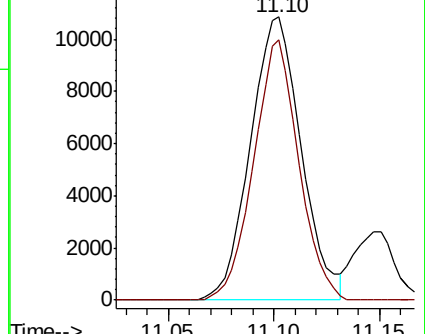
117 100

167 81.4 64.2 96.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.909 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU028335.D

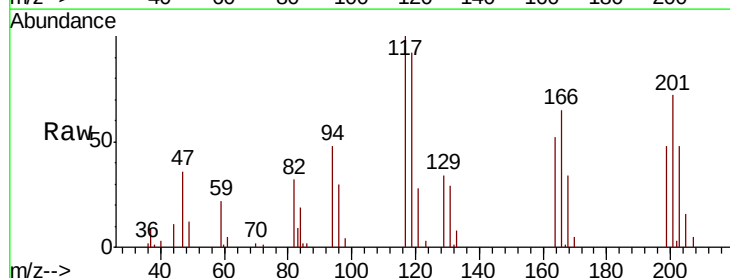
Acq: 26 Nov 2018 13:43

Tgt Ion:117 Resp: 17870

Ion Ratio Lower Upper

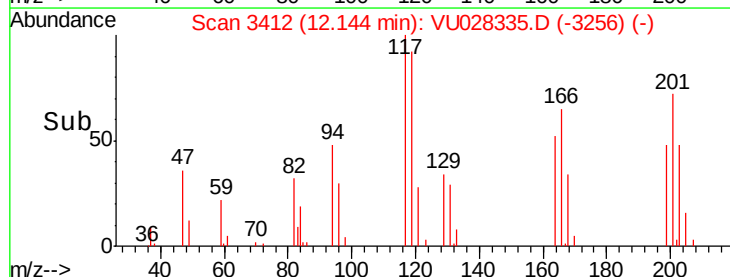
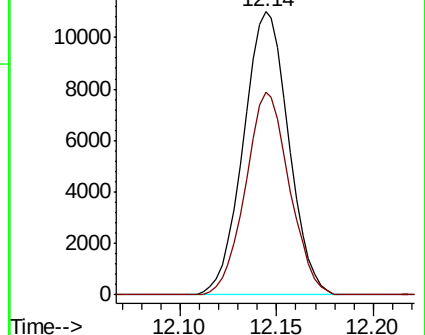
117 100

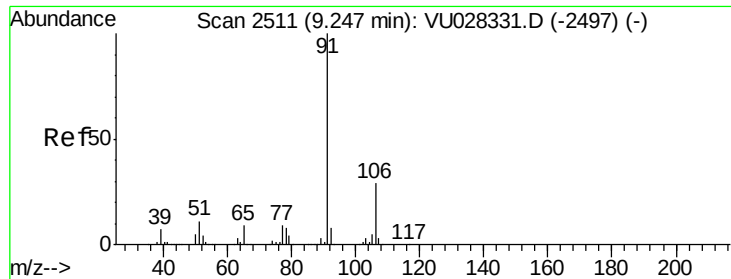
201 69.6 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.892 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

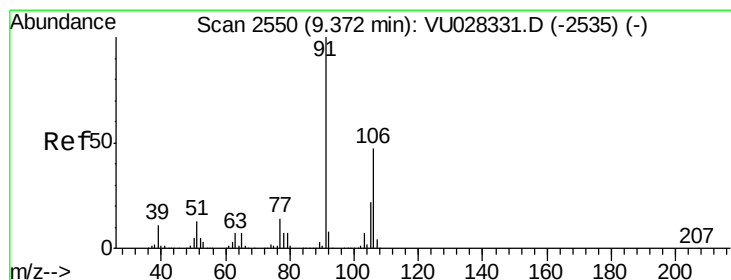
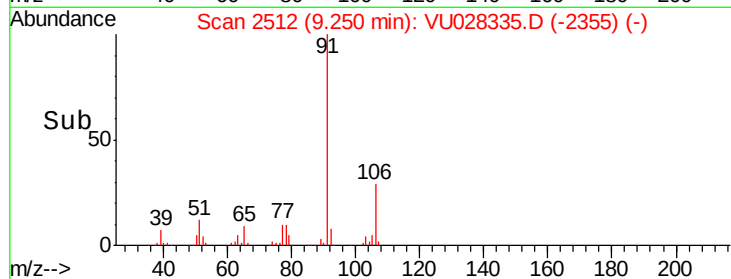
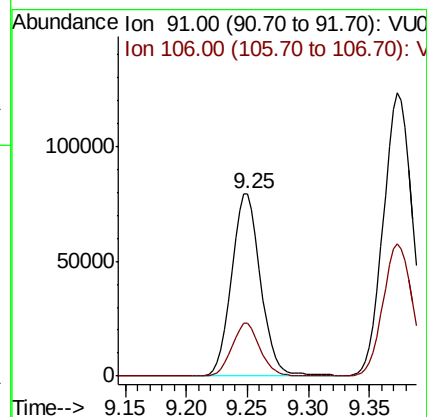
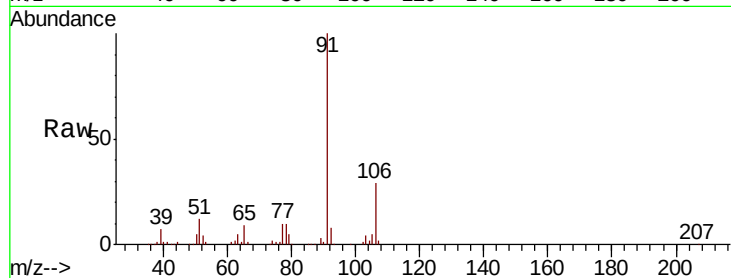
VU1126WBS01

Tgt Ion: 91 Resp: 132237

Ion Ratio Lower Upper

91 100

106 29.1 23.4 35.2



#64

m/p-Xylenes

Concen: 3.794 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU028335.D

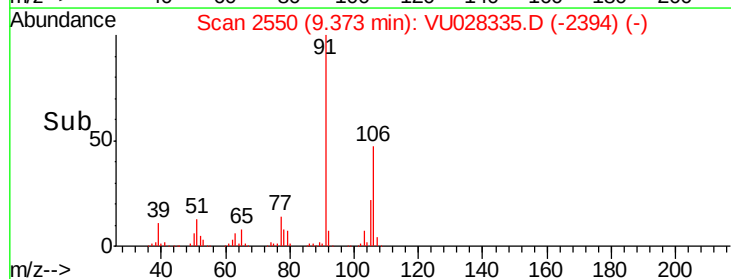
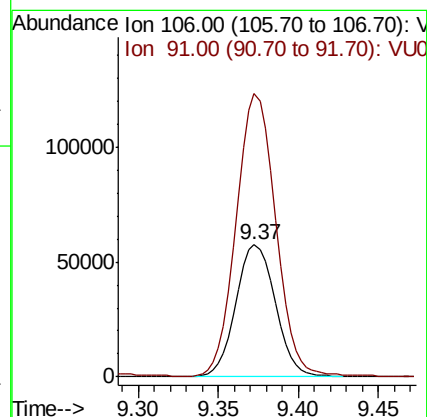
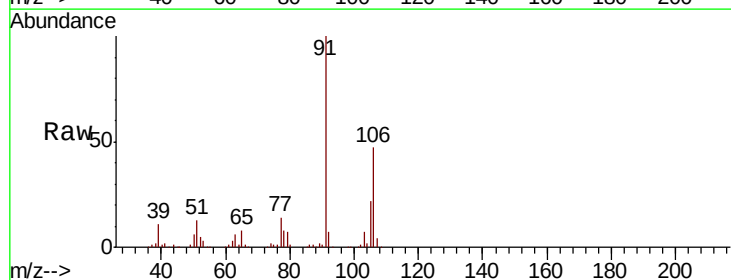
Acq: 26 Nov 2018 13:43

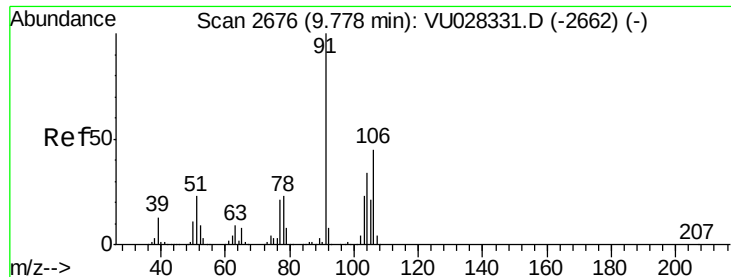
Tgt Ion: 106 Resp: 95966

Ion Ratio Lower Upper

106 100

91 214.6 170.6 256.0

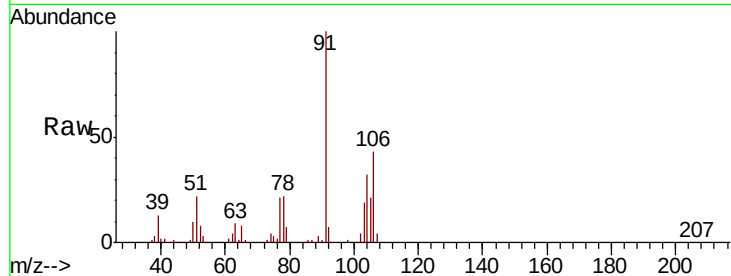




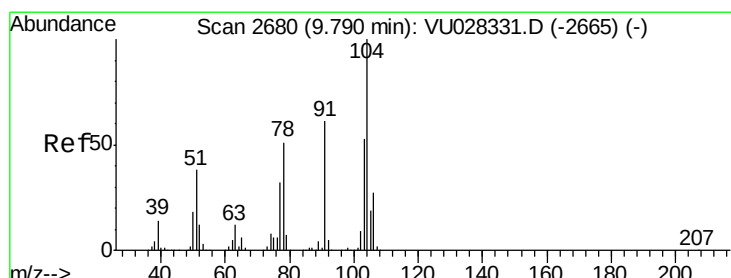
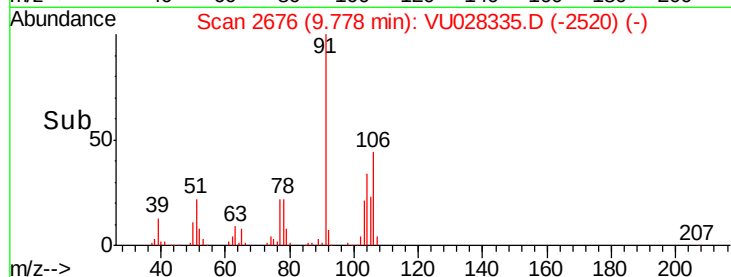
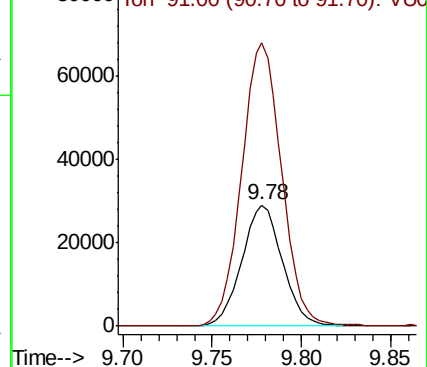
#65
o-Xylene
Concen: 1.890 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

Tgt Ion:106 Resp: 46118
Ion Ratio Lower Upper
106 100
91 231.7 112.3 337.0

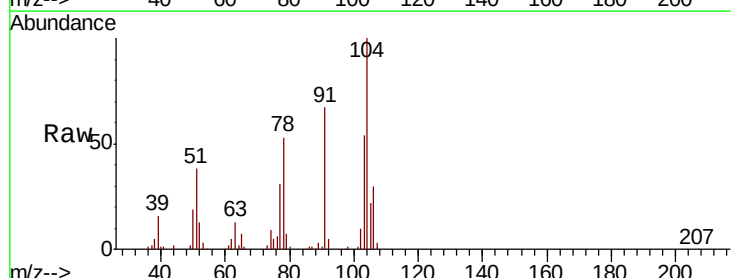


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

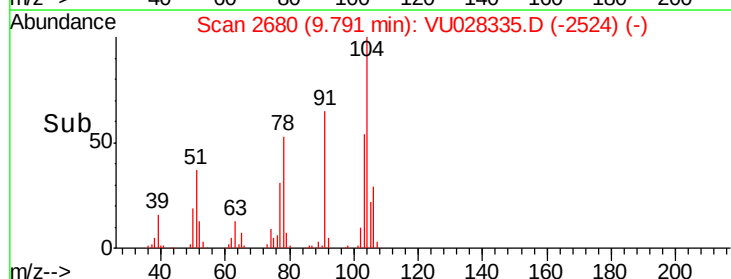
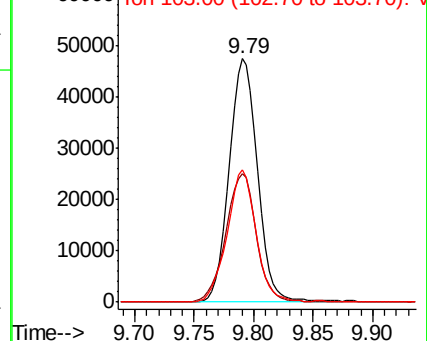


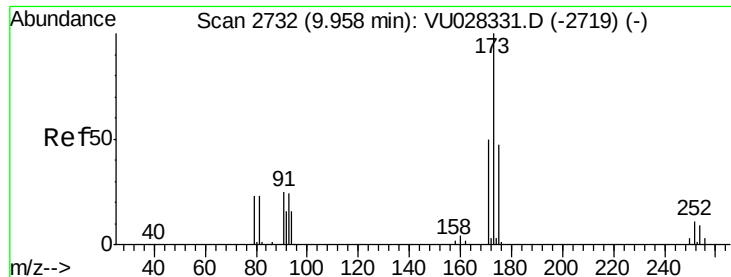
#66
Styrene
Concen: 1.874 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion:104 Resp: 78436
Ion Ratio Lower Upper
104 100
78 56.4 44.0 66.0
103 55.2 45.2 67.8



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

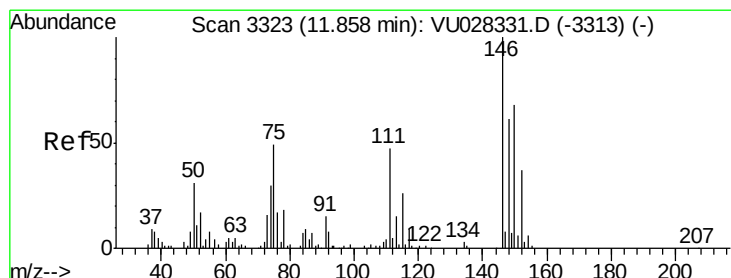
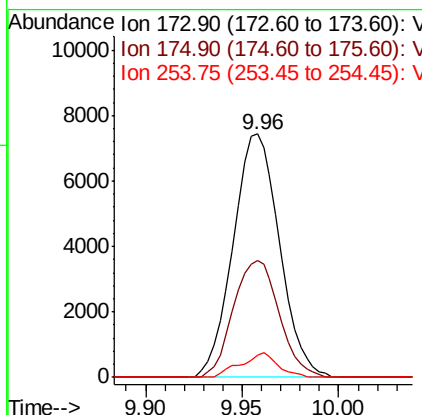
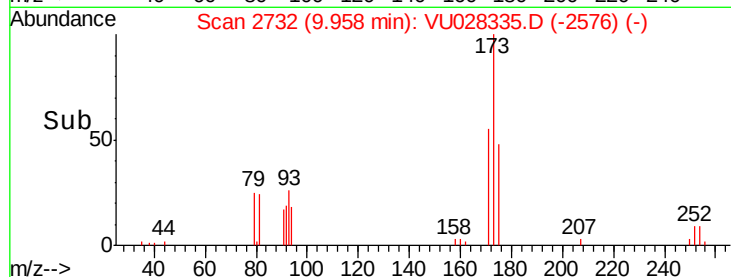
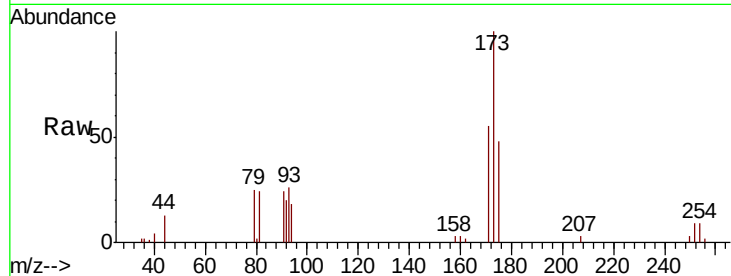




#67
 Bromoform
 Concen: 1.861 ug/l
 RT: 9.96 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

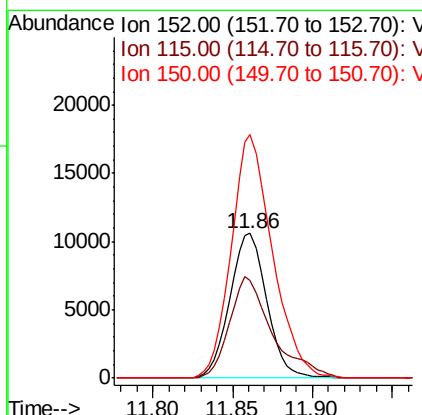
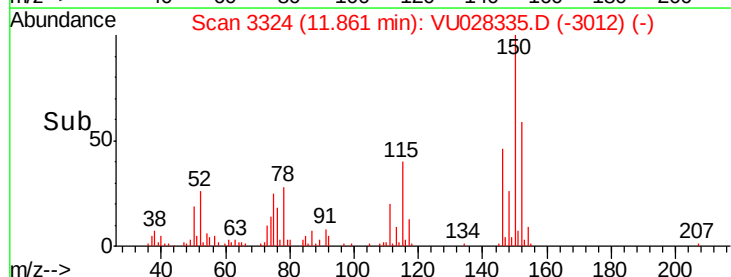
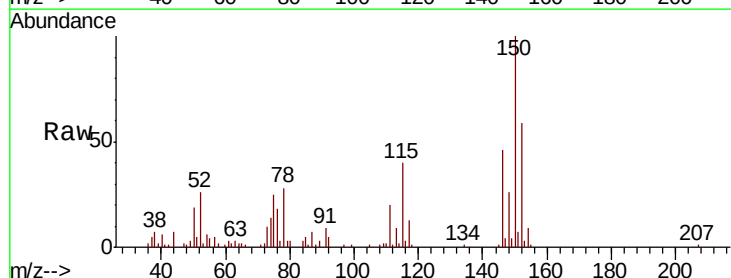
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

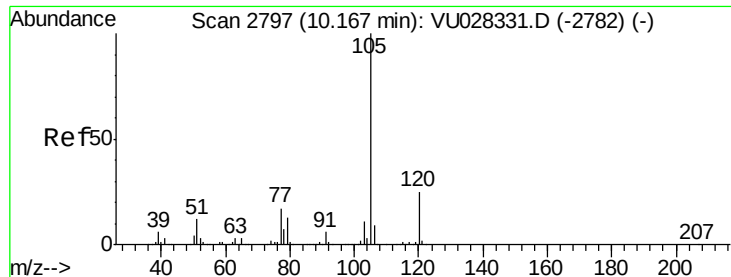
Tgt Ion:173 Resp: 12396
 Ion Ratio Lower Upper
 173 100
 175 47.5 39.0 58.6
 254 8.0 6.8 10.2



#68
 1,2-Dichlorobenzene-d4
 Concen: 1.861 ug/l
 RT: 11.86 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion:152 Resp: 16687
 Ion Ratio Lower Upper
 152 100
 115 80.6 0.0 146.8
 150 187.0 0.0 653.2





#69

Isopropylbenzene

Concen: 1.911 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

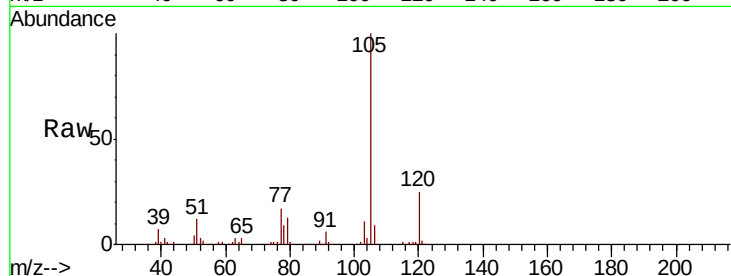
VU1126WBS01

Tgt Ion:105 Resp: 124911

Ion Ratio Lower Upper

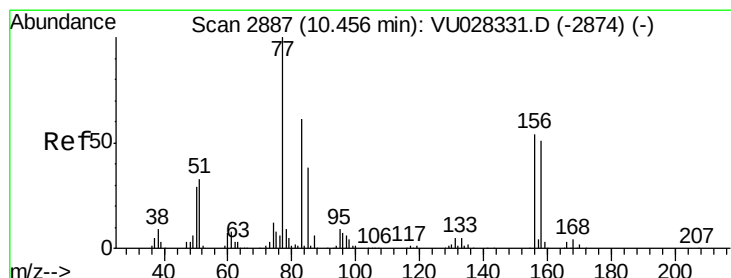
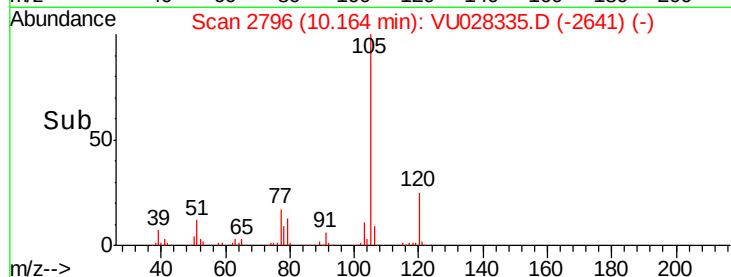
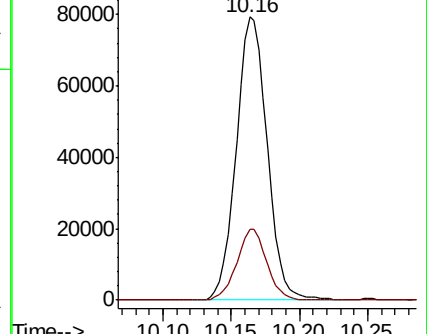
105 100

120 24.2 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.881 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

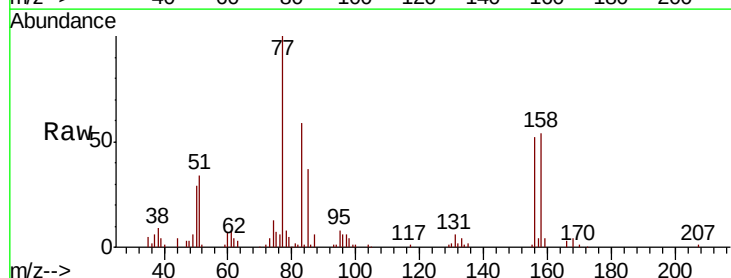
Tgt Ion: 83 Resp: 28181

Ion Ratio Lower Upper

83 100

131 8.5 6.6 9.8

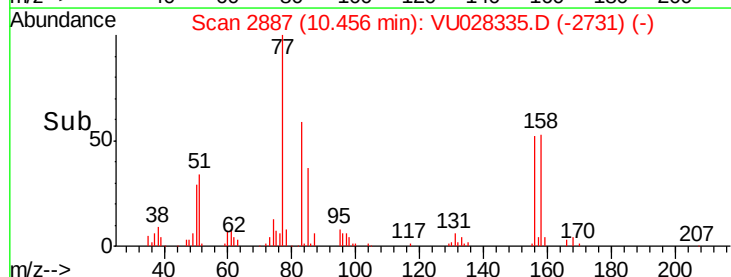
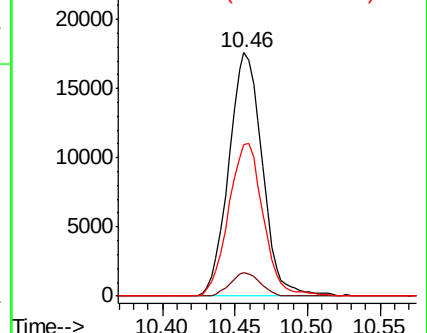
85 64.7 50.5 75.7

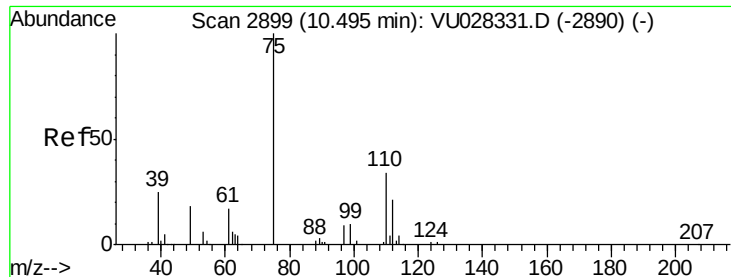


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 1.941 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

Tgt Ion: 75 Resp: 20276

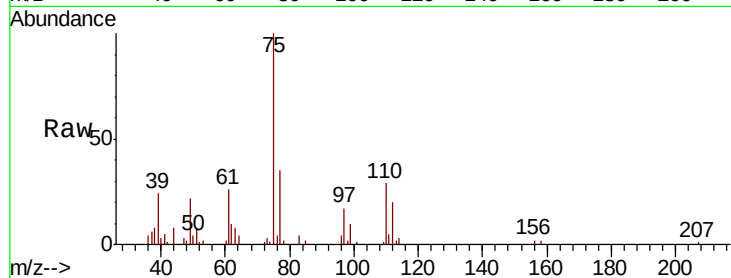
Ion Ratio Lower Upper

75 100

77 11.5 0.0 0.0#

110 32.1 0.0 67.6

97 18.8 0.0 35.8

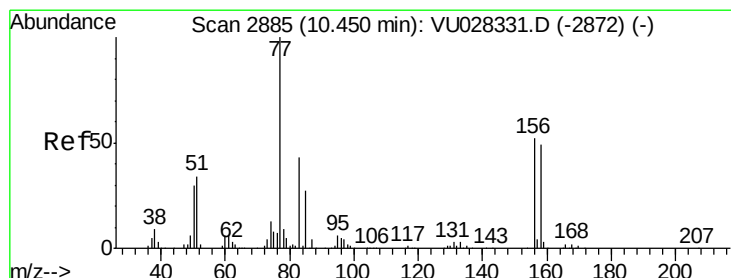
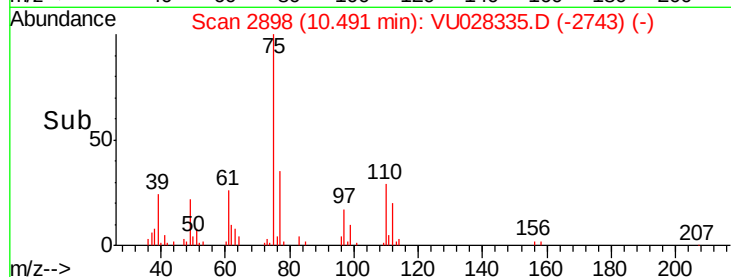
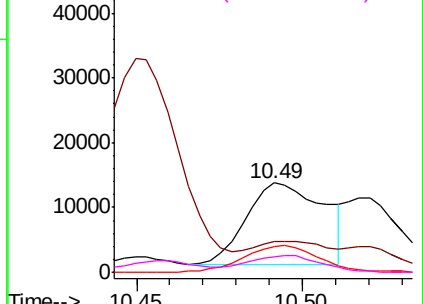


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 1.900 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

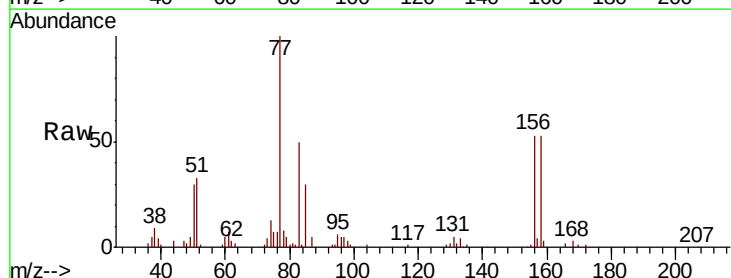
Tgt Ion: 156 Resp: 27567

Ion Ratio Lower Upper

156 100

77 195.1 0.0 380.4

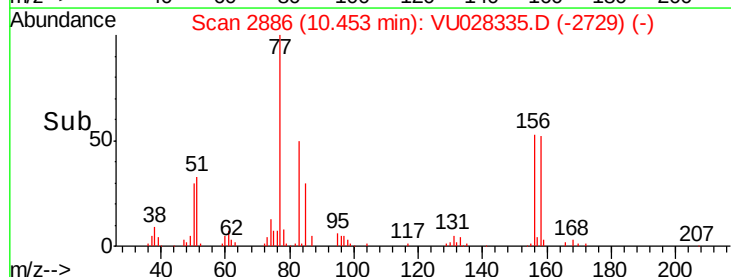
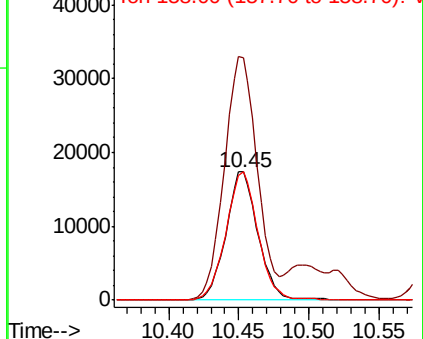
158 100.0 0.0 191.2

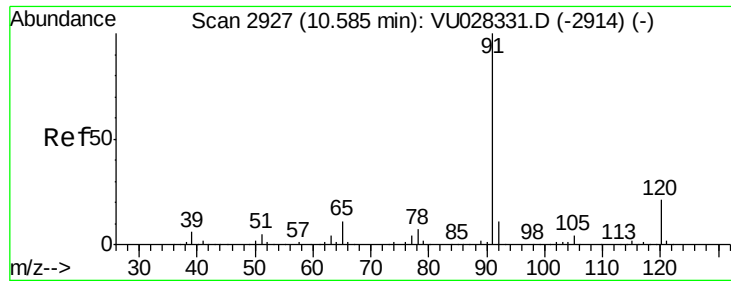


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

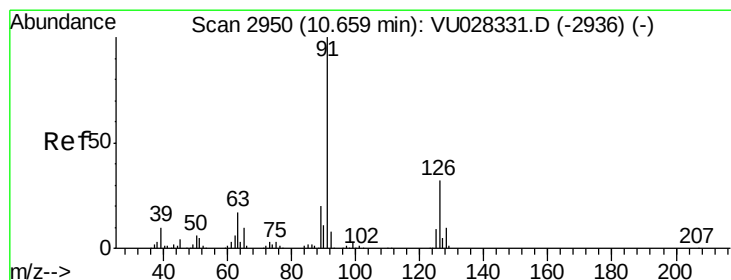
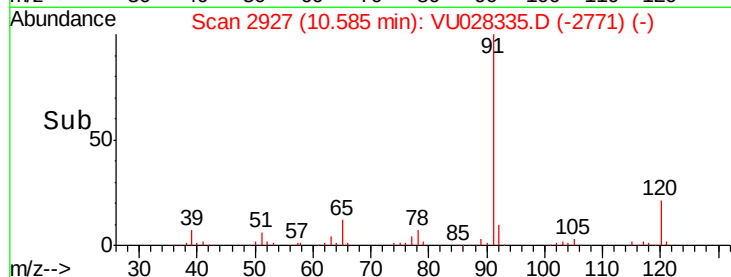
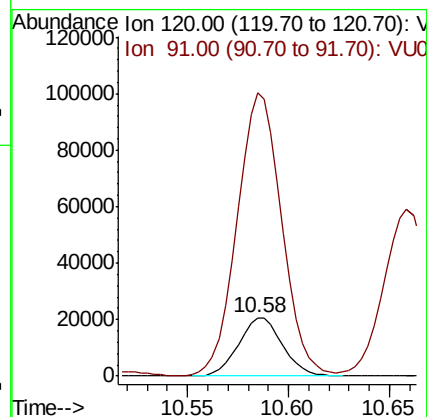
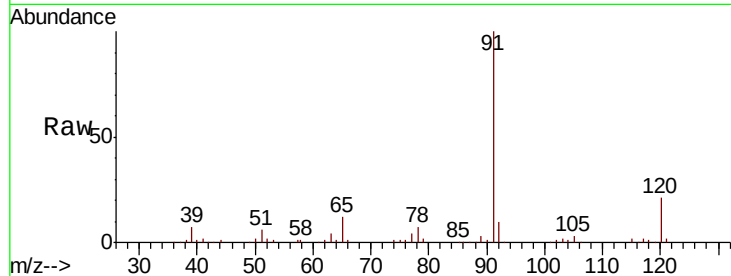




#73
n-propylbenzene
Concen: 1.869 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

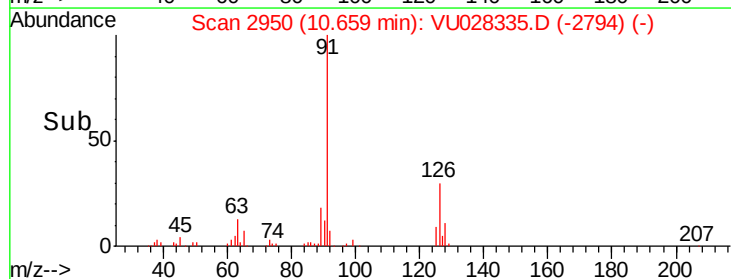
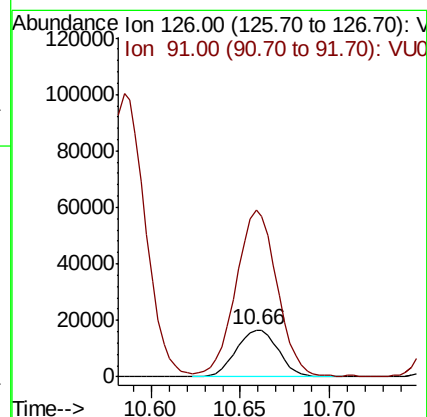
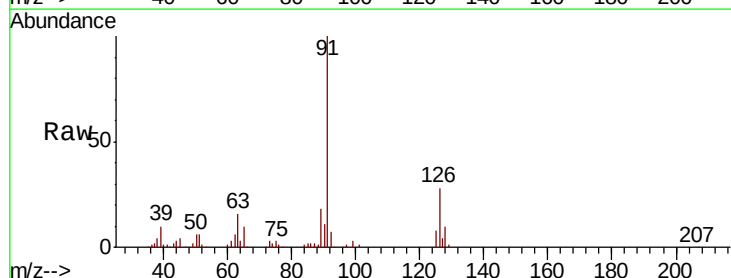
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBS01

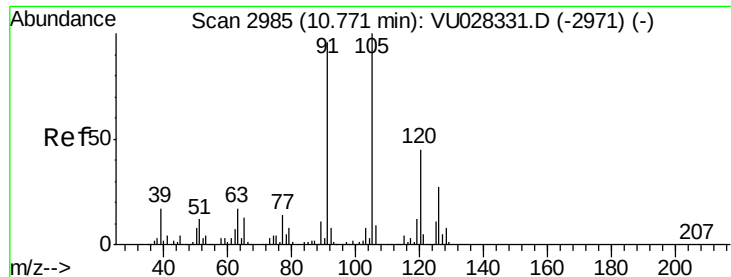
Tgt Ion:120 Resp: 31674
Ion Ratio Lower Upper
120 100
91 489.2 388.1 582.1



#74
2-Chlorotoluene
Concen: 1.842 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU028335.D
Acq: 26 Nov 2018 13:43

Tgt Ion:126 Resp: 27365
Ion Ratio Lower Upper
126 100
91 341.8 0.0 661.0





#75

1,3,5-Trimethylbenzene

Concen: 1.852 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

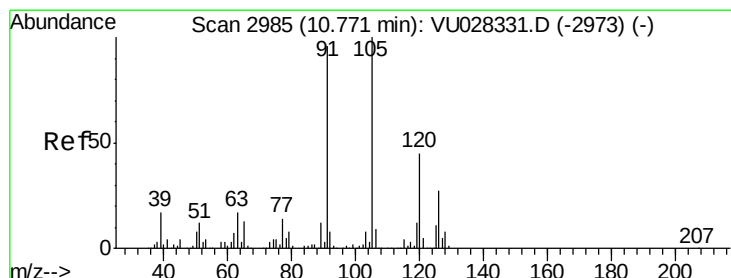
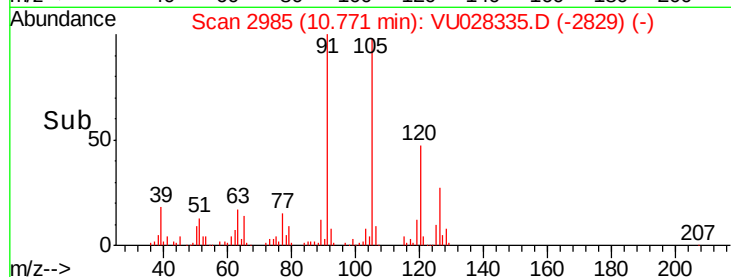
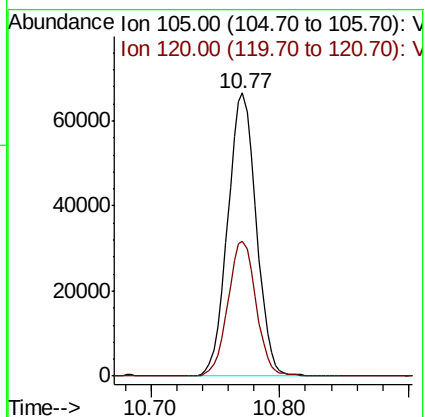
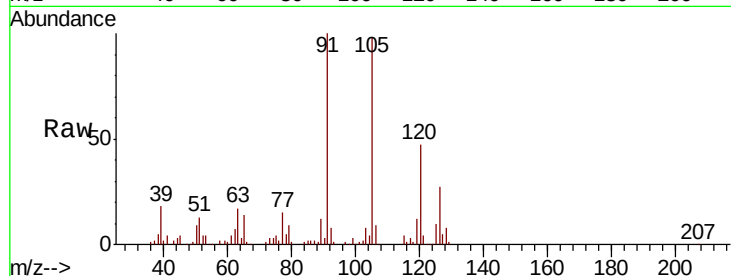
VU1126WBS01

Tgt Ion:105 Resp: 101861

Ion Ratio Lower Upper

105 100

120 47.3 36.3 54.5



#76

4-Chlorotoluene

Concen: 1.851 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028335.D

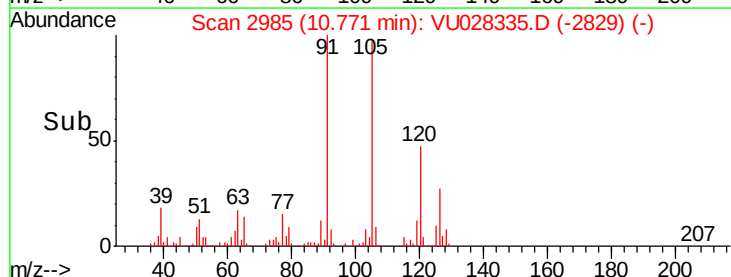
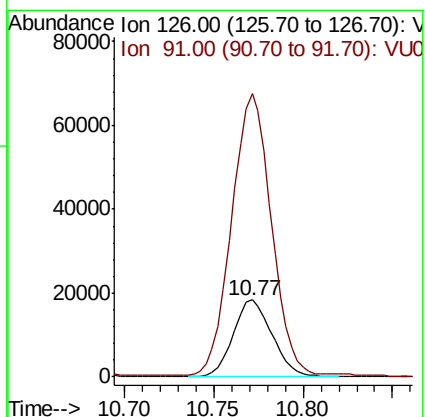
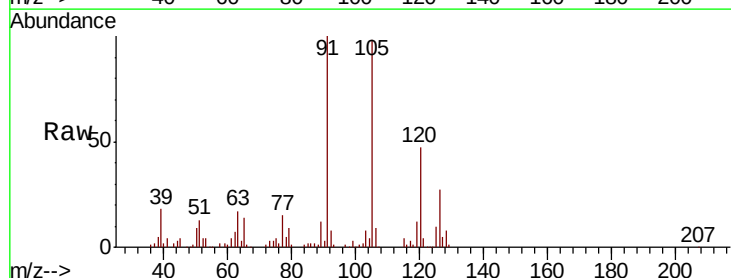
Acq: 26 Nov 2018 13:43

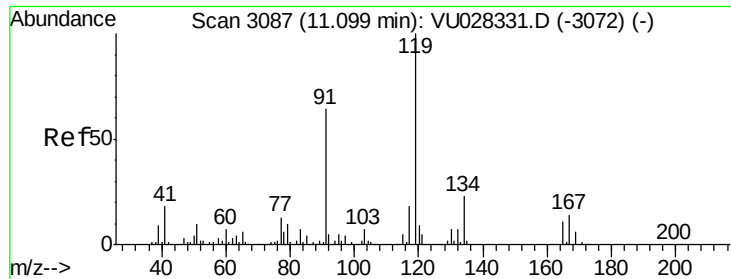
Tgt Ion:126 Resp: 27866

Ion Ratio Lower Upper

126 100

91 371.5 0.0 731.2

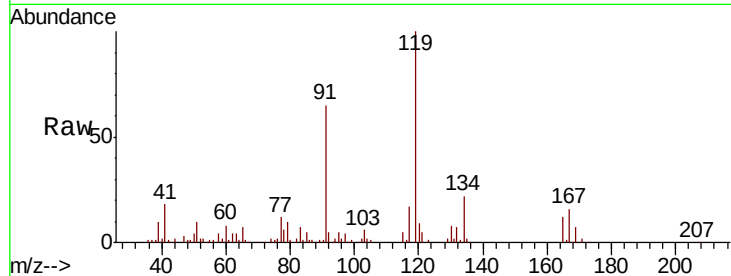




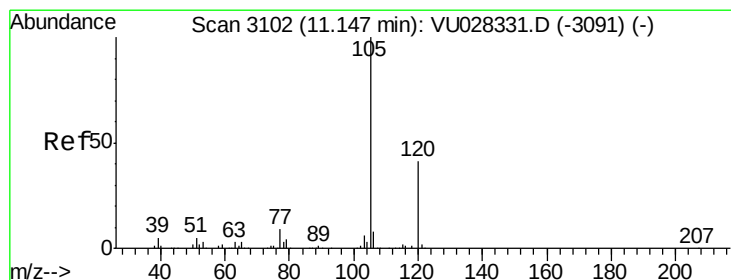
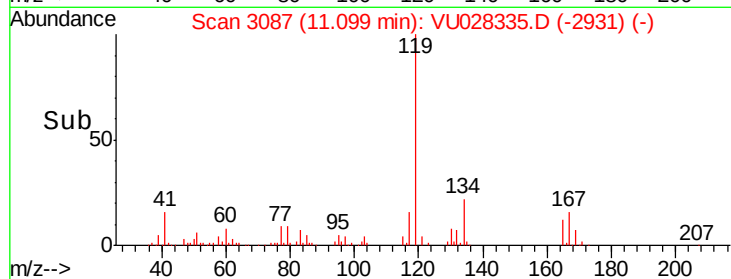
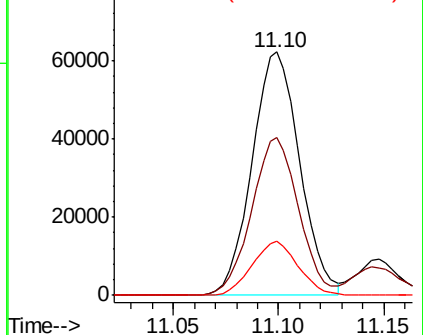
#77
 tert-Butylbenzene
 Concen: 1.896 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion:119 Resp: 98169
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.0 96.0
 134 21.4 17.9 26.9

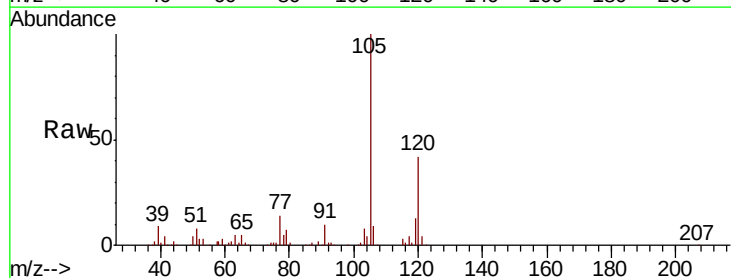


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

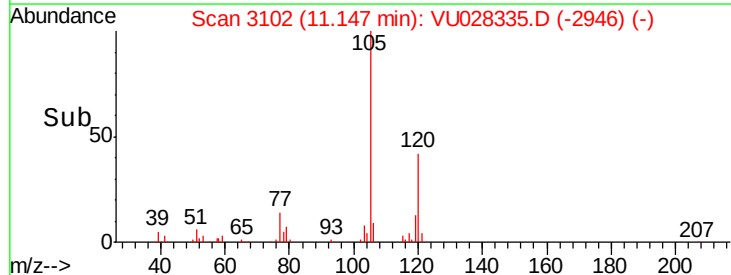
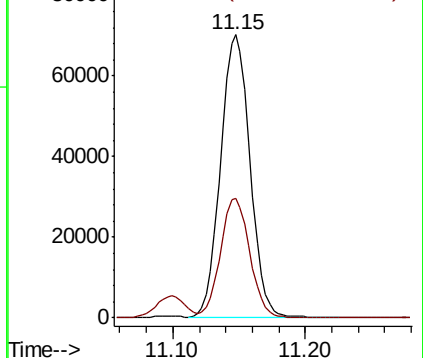


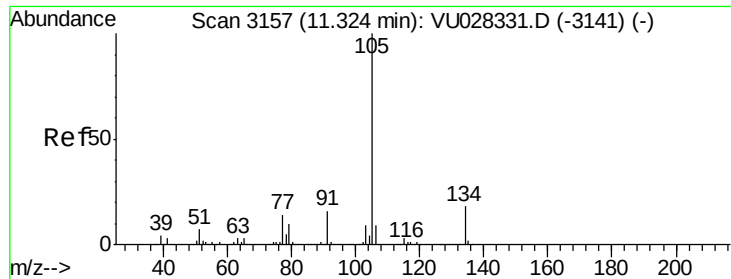
#78
 1,2,4-Trimethylbenzene
 Concen: 1.922 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion:105 Resp: 108348
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.9 65.8



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





#79

sec-Butylbenzene

Concen: 1.866 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

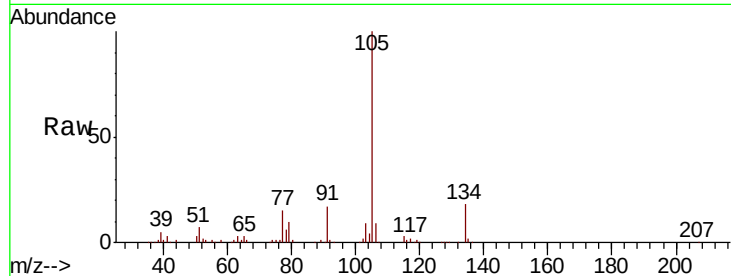
VU1126WBS01

Tgt Ion:105 Resp: 134698

Ion Ratio Lower Upper

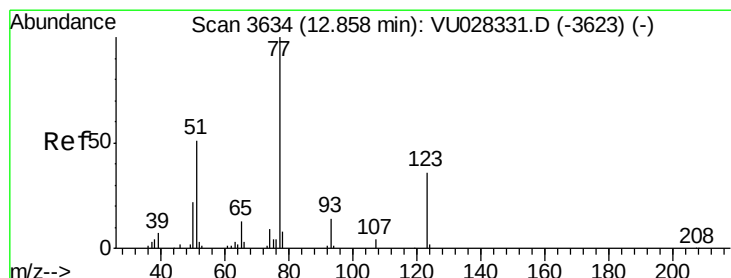
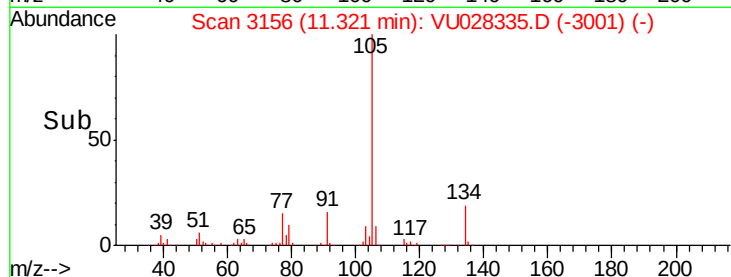
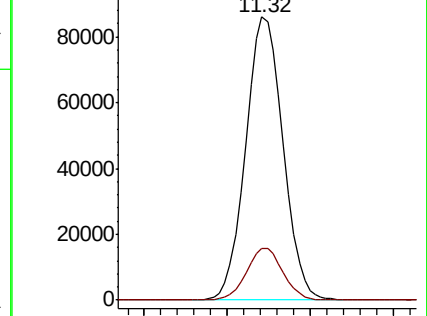
105 100

134 17.9 14.6 22.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 8.310 ug/l

RT: 12.87 min Scan# 3637

Delta R.T. 0.01 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

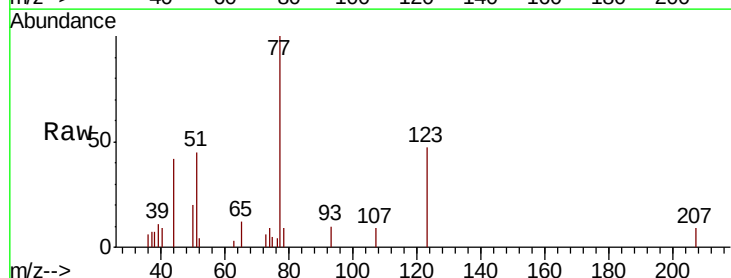
Tgt Ion: 77 Resp: 5610

Ion Ratio Lower Upper

77 100

123 43.8 16.5 58.3

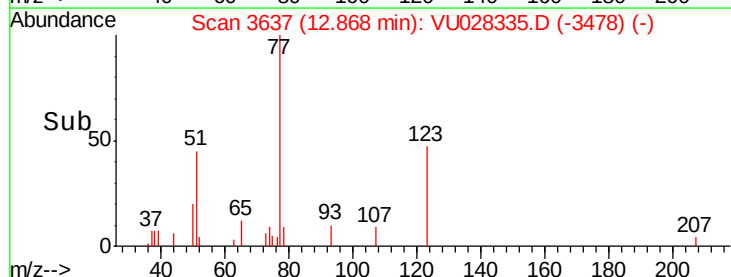
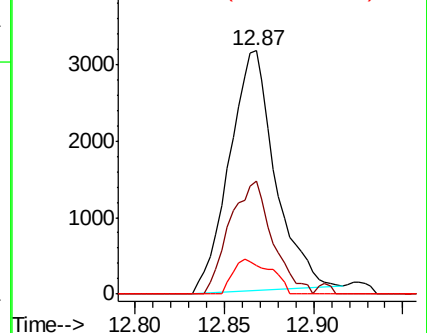
65 12.0 12.1 15.3#

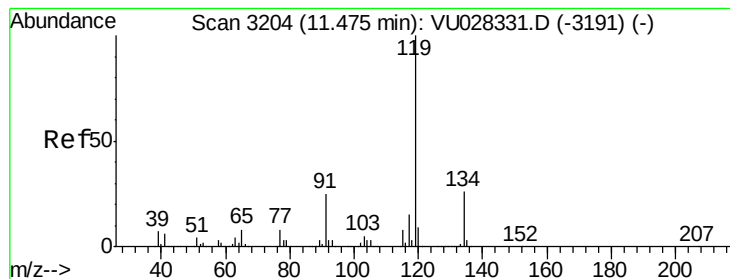


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 1.831 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

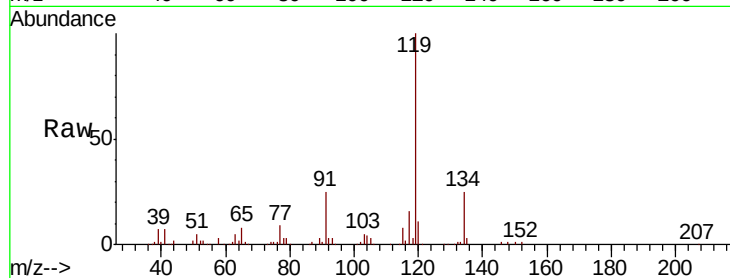
Tgt Ion:119 Resp: 105048

Ion Ratio Lower Upper

119 100

134 25.9 20.3 30.5

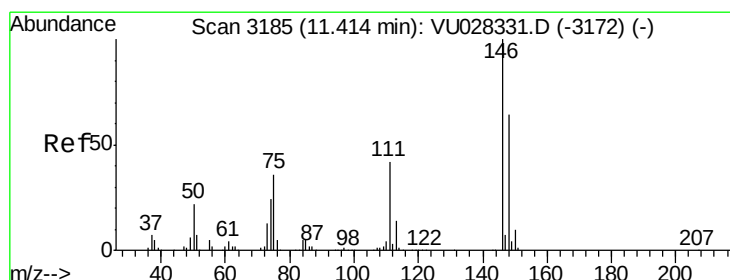
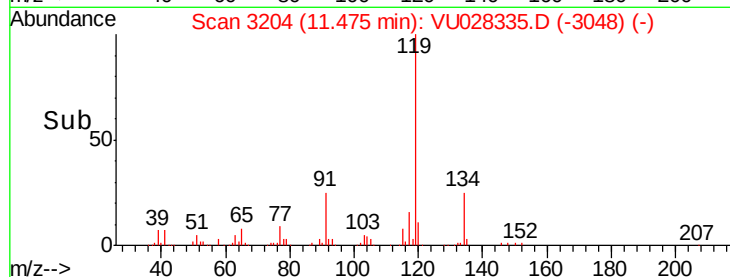
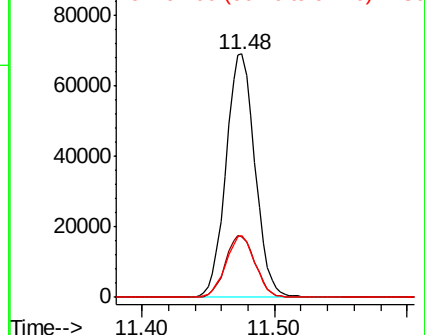
91 25.3 20.0 30.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU



#82

1,3-Dichlorobenzene

Concen: 1.864 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

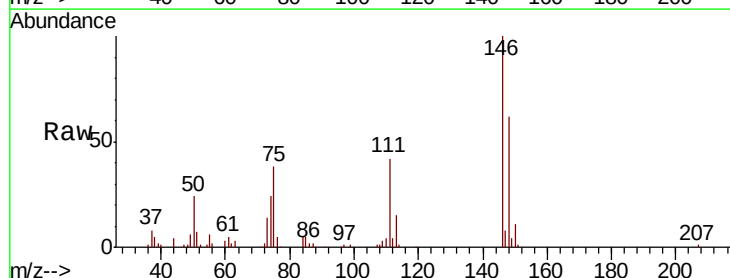
Tgt Ion:146 Resp: 54157

Ion Ratio Lower Upper

146 100

111 42.9 33.4 50.2

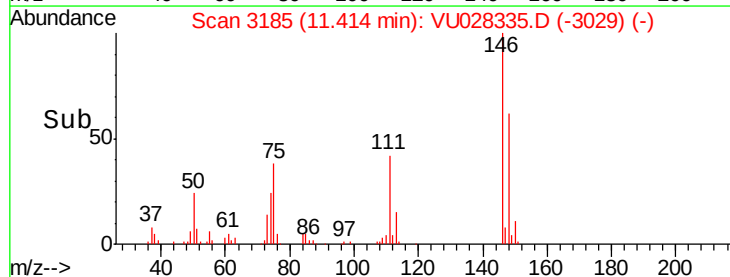
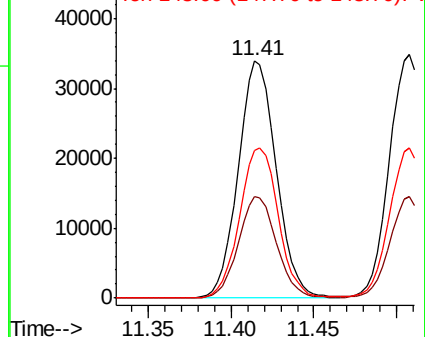
148 64.3 51.2 76.8

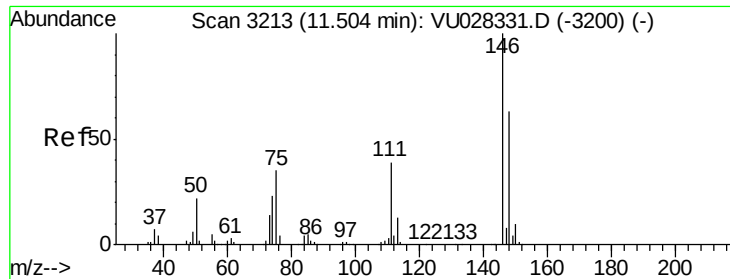


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

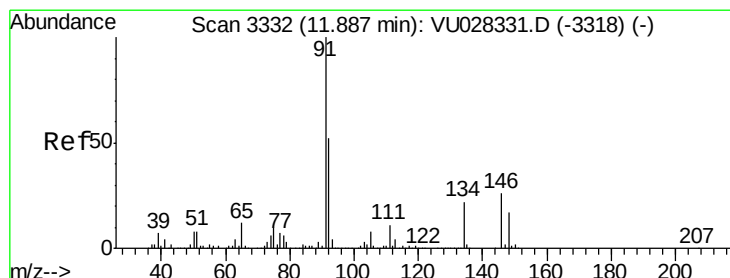
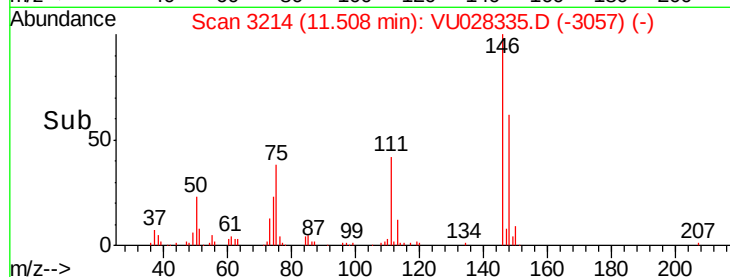
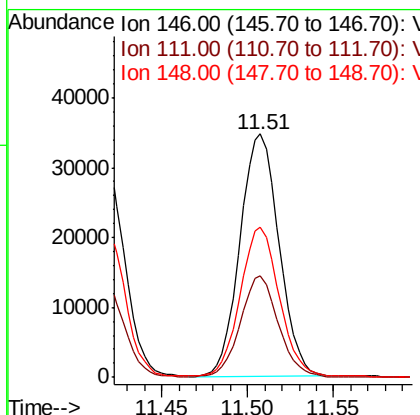
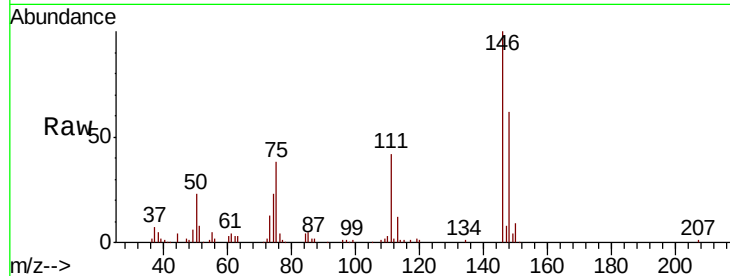




#83
 1,4-Dichlorobenzene
 Concen: 1.889 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

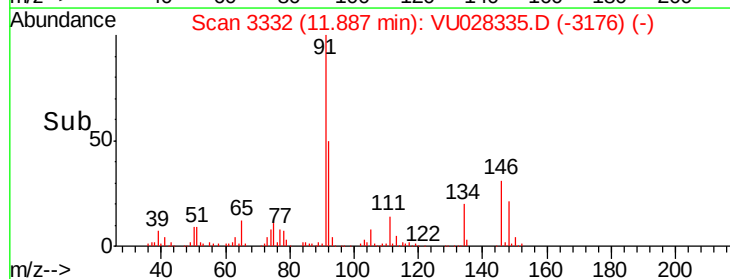
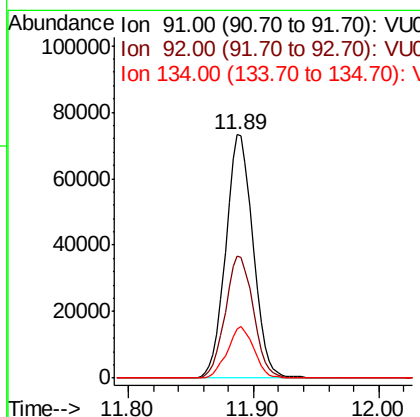
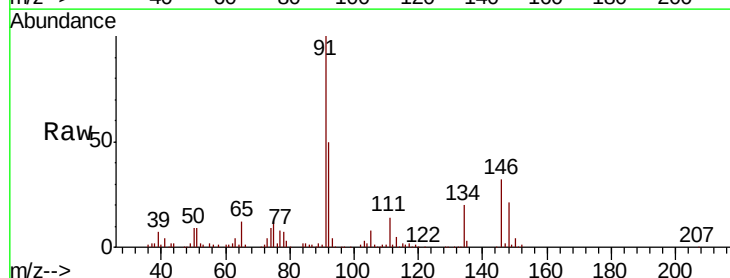
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

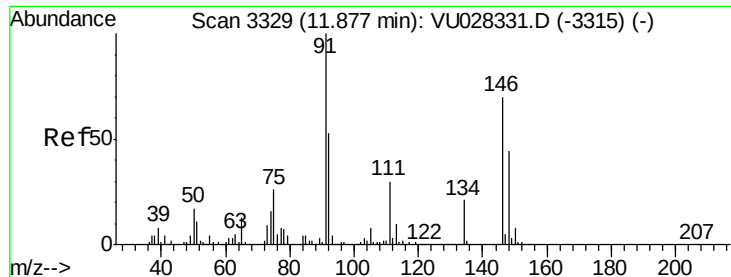
Tgt Ion: 146 Resp: 54635
 Ion Ratio Lower Upper
 146 100
 111 40.9 31.4 47.2
 148 61.6 50.7 76.1



#84
 n-Butylbenzene
 Concen: 1.839 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 91 Resp: 110740
 Ion Ratio Lower Upper
 91 100
 92 51.3 41.6 62.4
 134 20.5 17.8 26.6

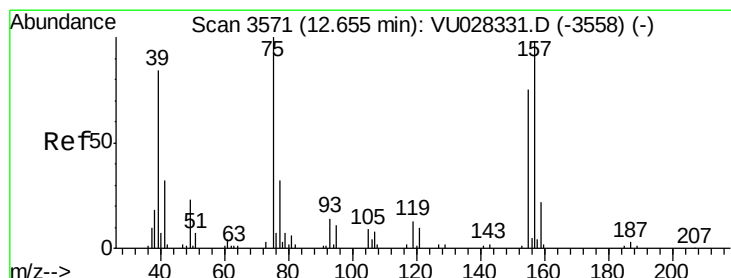
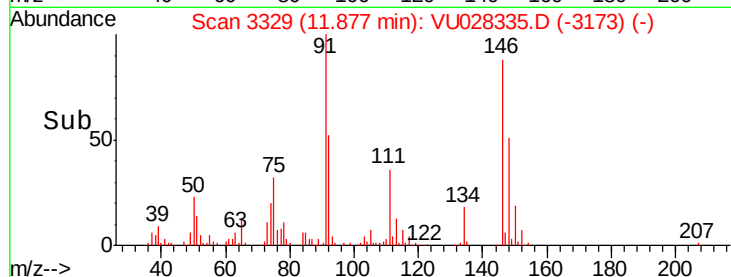
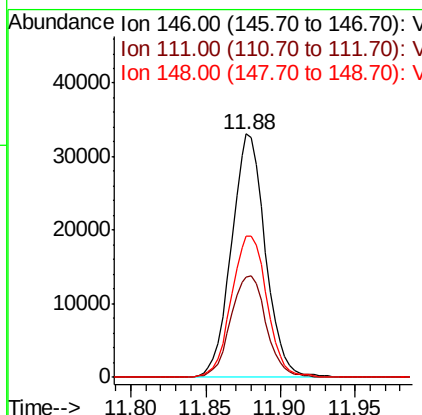
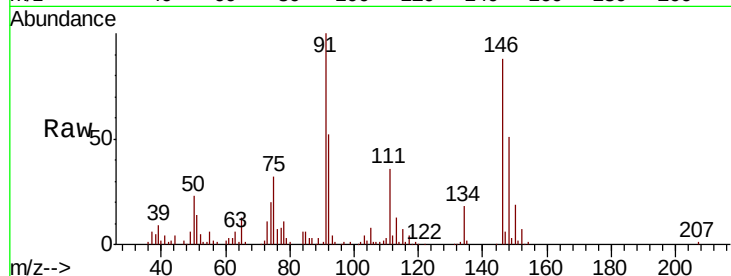




#85
 1,2-Dichlorobenzene
 Concen: 1.885 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

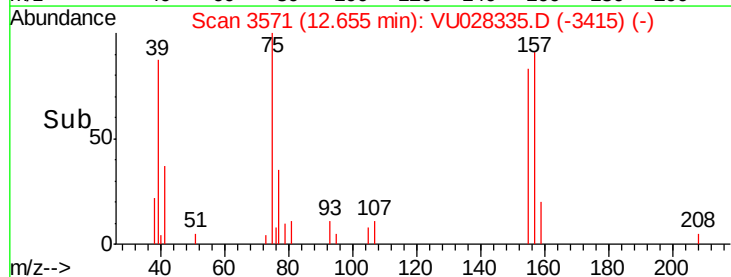
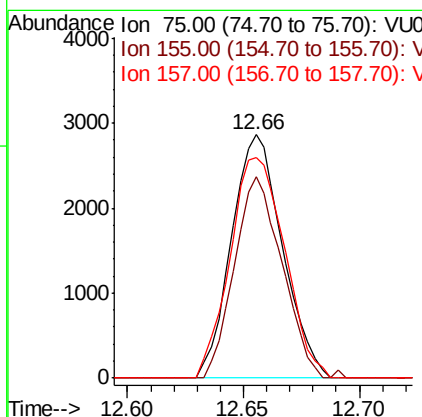
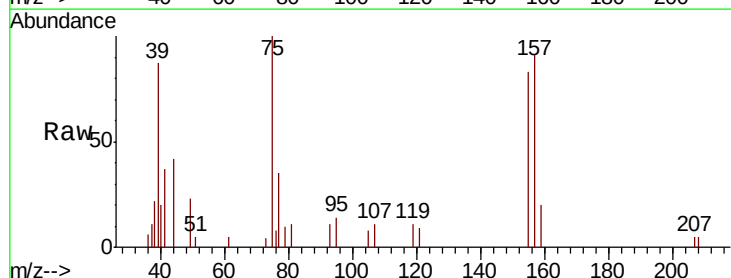
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

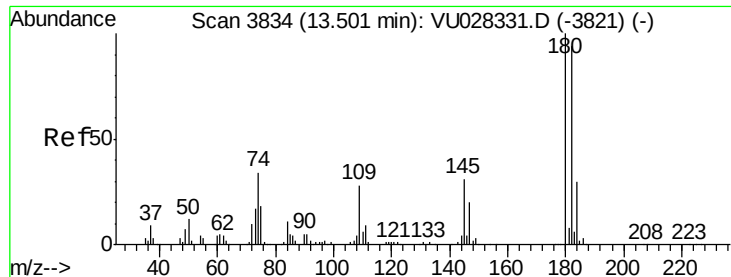
Tgt Ion:146 Resp: 52137
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.4 64.3
 148 61.1 31.4 94.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.815 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion: 75 Resp: 4376
 Ion Ratio Lower Upper
 75 100
 155 77.0 57.0 85.4
 157 97.3 75.4 113.2

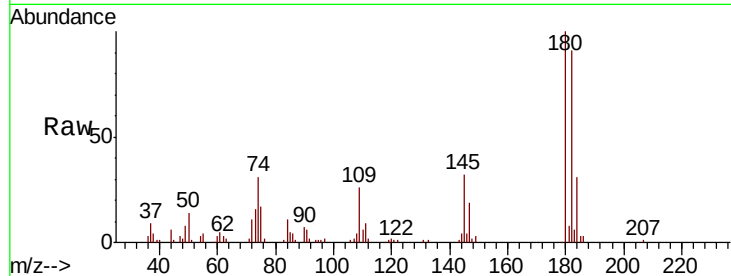




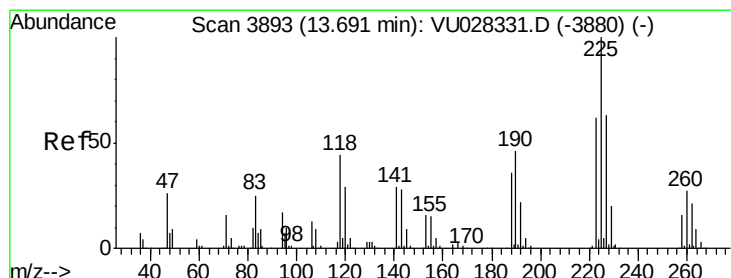
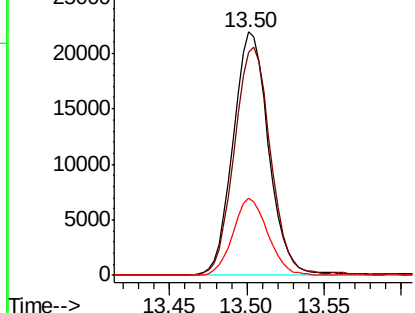
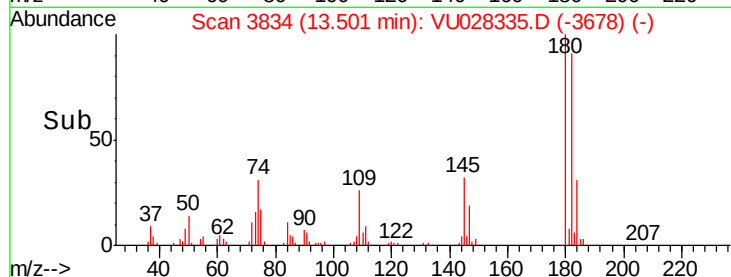
#87
 1,2,4-Trichlorobenzene
 Concen: 1.802 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBS01

Tgt Ion:180 Resp: 35030
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 145 30.9 24.4 36.6

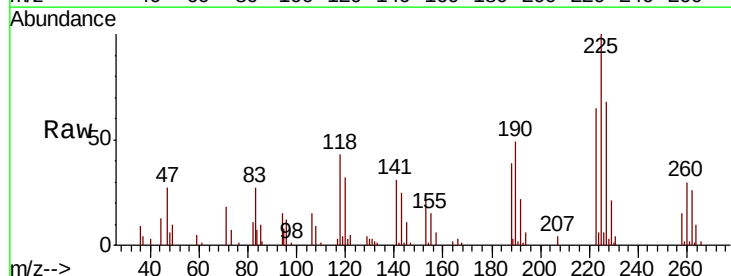


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

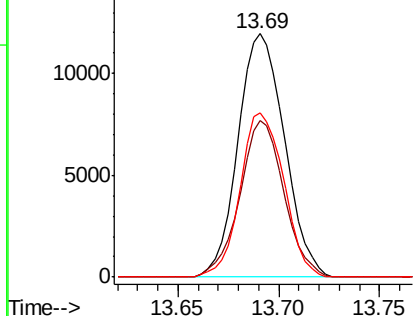
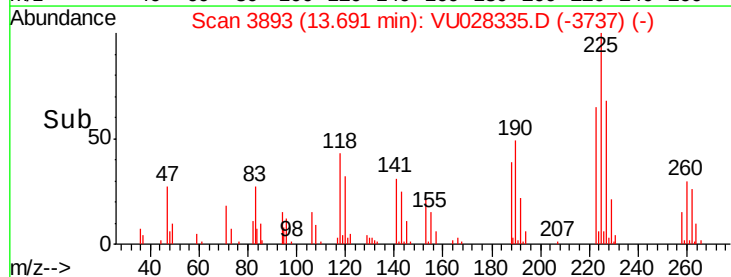


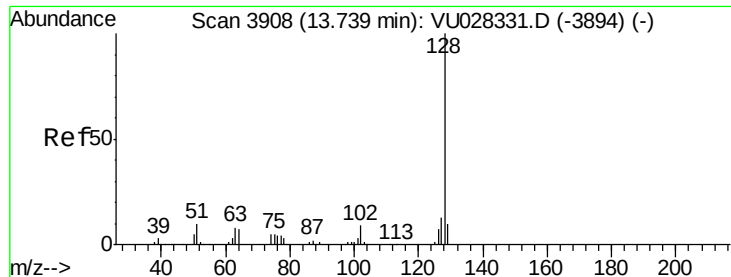
#88
 Hexachlorobutadiene
 Concen: 1.832 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028335.D
 Acq: 26 Nov 2018 13:43

Tgt Ion:225 Resp: 19276
 Ion Ratio Lower Upper
 225 100
 223 61.0 50.6 76.0
 227 63.4 50.8 76.2



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: 1.779 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBS01

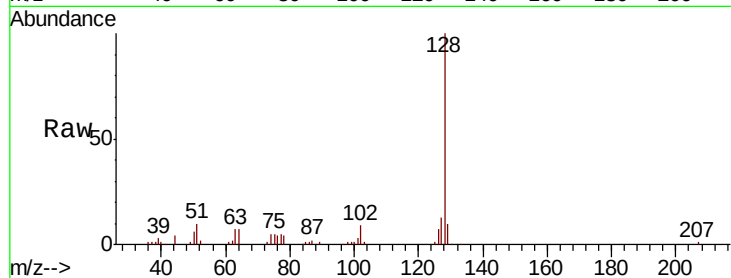
Tgt Ion:128 Resp: 68346

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

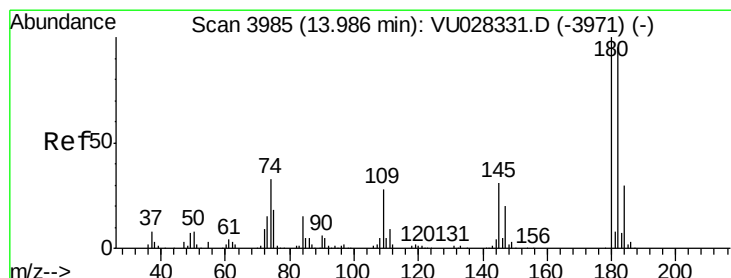
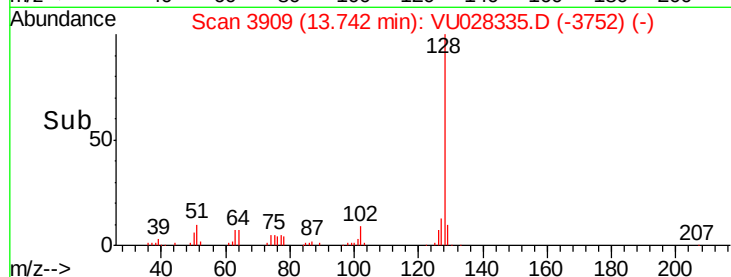
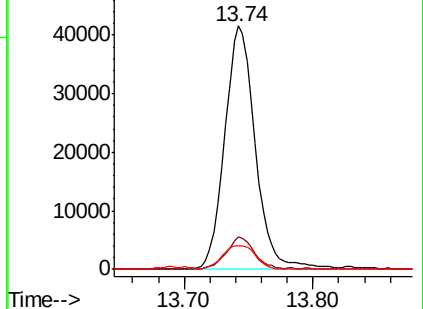
129 10.7 8.2 12.4



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: 1.747 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU028335.D

Acq: 26 Nov 2018 13:43

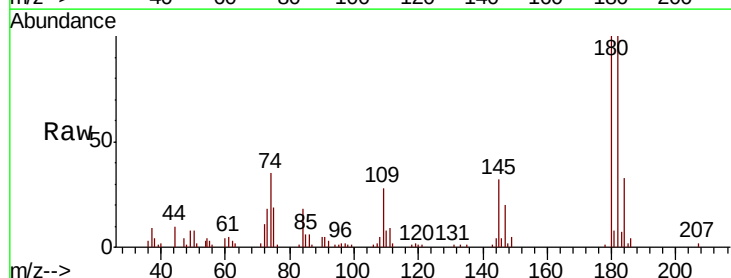
Tgt Ion:180 Resp: 32024

Ion Ratio Lower Upper

180 100

182 98.6 76.1 114.1

145 32.9 26.0 39.0



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

