

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027436.D
 Acq On : 05 Oct 2018 02:13
 Operator : MD/SY
 Sample : J5165-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Quant Time: Oct 05 03:20:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	123975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	220778	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	207101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105012	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	94931	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	4.88	113	69802	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	7.57	98	266752	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	10.31	95	100237	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	86716	48.516	ug/l	98
3) Chloromethane	1.33	50	109819	45.383	ug/l	98
4) Vinyl Chloride	1.40	62	107650	47.325	ug/l #	70
5) Bromomethane	1.62	94	62240	63.234	ug/l	99
6) Chloroethane	1.70	64	73925	54.083	ug/l	100
7) Trichlorofluoromethane	1.88	101	113202	49.047	ug/l	99
8) Diethyl Ether	2.11	74	52876	49.733	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	67146	50.095	ug/l	98
10) Methyl Iodide	2.41	142	63317	53.320	ug/l	98
11) Tert butyl alcohol	2.83	59	111477	255.715	ug/l	99
12) 1,1-Dichloroethene	2.28	96	64594	49.325	ug/l	98
14) Allyl chloride	2.59	41	139881	44.982	ug/l	99
15) Acrylonitrile	2.94	53	284236	250.507	ug/l	99
16) Acetone	2.32	43	341141	278.944	ug/l	98
17) Carbon Disulfide	2.48	76	217127	45.972	ug/l	100
18) Methyl Acetate	2.62	43	139554	50.021	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	264175	50.346	ug/l	98
20) Methylene Chloride	2.70	84	81376	47.769	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	70861	48.197	ug/l	99
22) Diisopropyl ether	3.58	45	310844	49.180	ug/l	99
23) Vinyl Acetate	3.53	43	1257589	227.832	ug/l	99
24) 1,1-Dichloroethane	3.45	63	160015	49.246	ug/l	99
25) 2-Butanone	4.26	43	431908	258.982	ug/l	98
26) 2,2-Dichloropropane	4.23	77	95733	35.856	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	83255	49.517	ug/l	96
28) Bromochloromethane	4.55	49	80708	51.484	ug/l	96
29) Tetrahydrofuran	4.64	42	267158	254.190	ug/l	97
30) Chloroform	4.67	83	144439	50.033	ug/l	99
31) Cyclohexane	5.00	56	147449	44.383	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	119512	49.155	ug/l	99
36) 1,1-Dichloropropene	5.14	75	110164	45.956	ug/l	99
37) Ethyl Acetate	4.38	43	144324	46.585	ug/l	99
38) Carbon Tetrachloride	5.14	117	99994	46.179	ug/l	97
39) Methylcyclohexane	6.42	83	129022	46.044	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	5.39	78	327843	46.951	ug/l	99
41) Methacrylonitrile	4.54	41	83859	47.890	ug/l	99
42) 1,2-Dichloroethane	5.41	62	120326	46.424	ug/l	99
43) Isopropyl Acetate	5.55	43	224704	46.700	ug/l	99
44) Trichloroethene	6.19	130	74640	47.938	ug/l	99
45) 1,2-Dichloropropane	6.43	63	96093	47.712	ug/l	98
46) Dibromomethane	6.56	93	55999	49.230	ug/l	99
47) Bromodichloromethane	6.76	83	112323	47.589	ug/l	99
48) Methyl methacrylate	6.62	41	115521	48.279	ug/l	98
49) 1,4-Dioxane	6.61	88	40045	972.687	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	785898	251.353	ug/l	99
52) Toluene	7.64	92	197089	47.687	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	128705	46.508	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	132002	44.370	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	83025	50.667	ug/l	98
56) Ethyl methacrylate	8.02	69	138788	44.490	ug/l	97
57) 1,3-Dichloropropane	8.24	76	150651	47.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	582	8.557	ug/l #	52
59) 2-Hexanone	8.36	43	605133	249.495	ug/l	98
60) Dibromochloromethane	8.48	129	80986	49.277	ug/l	99
61) 1,2-Dibromoethane	8.59	107	84721	48.627	ug/l	99
64) Tetrachloroethene	8.23	164	59315	46.008	ug/l	98
65) Chlorobenzene	9.12	112	209706	48.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	72523	48.191	ug/l	100
67) Ethyl Benzene	9.25	91	376011	48.684	ug/l	100
68) m/p-Xylenes	9.38	106	277222	98.127	ug/l	100
69) o-Xylene	9.78	106	147892	55.087	ug/l	98
70) Styrene	9.79	104	216369	43.431	ug/l	99
71) Bromoform	9.96	173	59899	49.471	ug/l #	100
73) Isopropylbenzene	10.17	105	624789	81.919	ug/l	99
74) N-amyl acetate	10.02	43	205992	47.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	146197	48.818	ug/l	97
76) 1,2,3-Trichloropropane	10.49	75	163205	59.954	ug/l	85
77) Bromobenzene	10.45	156	83181	46.928	ug/l	98
78) n-propylbenzene	10.59	91	993165	108.369	ug/l	100
79) 2-Chlorotoluene	10.66	91	247894	44.799	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	546666	88.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	163205	156.907	ug/l #	100
82) 4-Chlorotoluene	10.77	91	324720	51.711	ug/l	98
83) tert-Butylbenzene	11.10	119	345421	57.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	5615613	885.340	ug/l	99
85) sec-Butylbenzene	11.32	105	616052	81.451	ug/l	99
86) p-Isopropyltoluene	11.48	119	577471	89.173	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	156637	46.669	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	158756	46.288	ug/l	100
89) n-Butylbenzene	11.89	91	517313	74.292	ug/l #	81
90) Hexachloroethane	12.15	117	92443	75.732	ug/l	64
91) 1,2-Dichlorobenzene	11.88	146	157168	48.107	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	34852	52.511	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	121439	57.446	ug/l	98

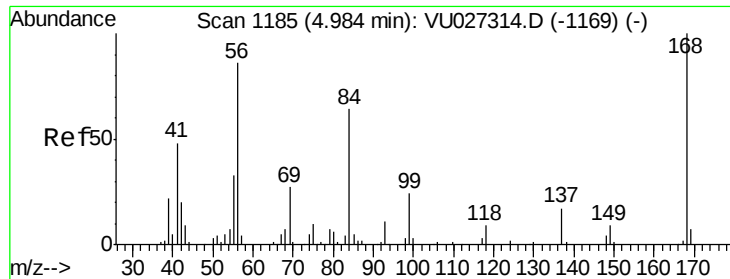
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	53521	50.111	ug/l	98
95) Naphthalene	13.74	128	449380	56.383	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	119251	54.147	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

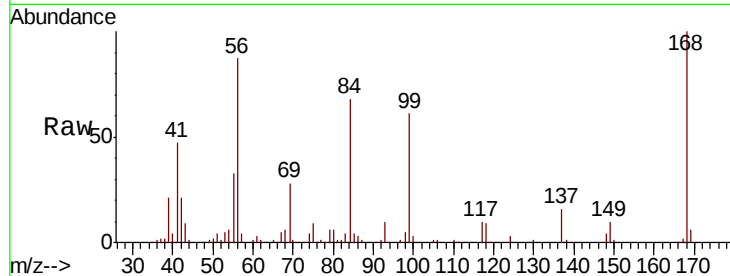
EP-MW-H-092718MS

Tgt Ion:168 Resp: 123975

Ion Ratio Lower Upper

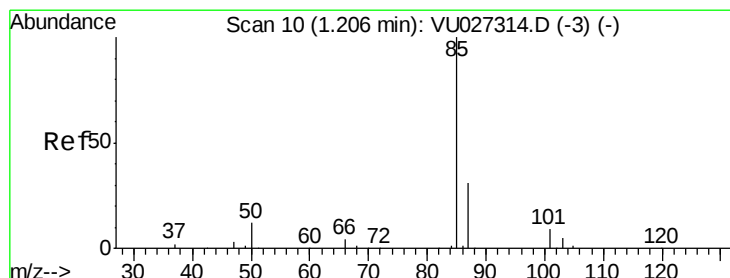
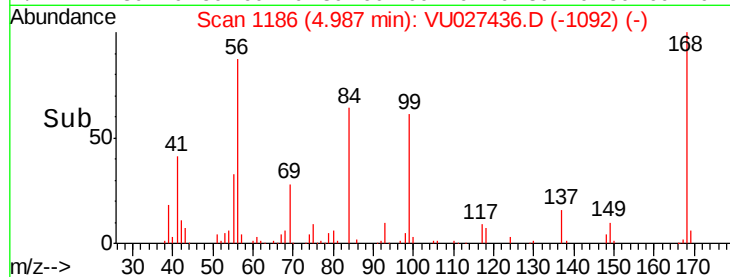
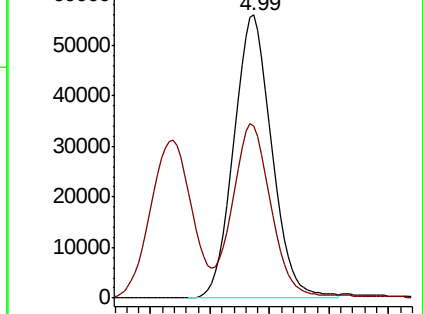
168 100

99 59.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 48.516 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027436.D

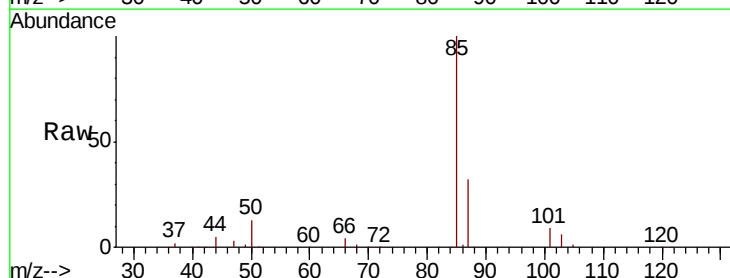
Acq: 05 Oct 2018 02:13

Tgt Ion: 85 Resp: 86716

Ion Ratio Lower Upper

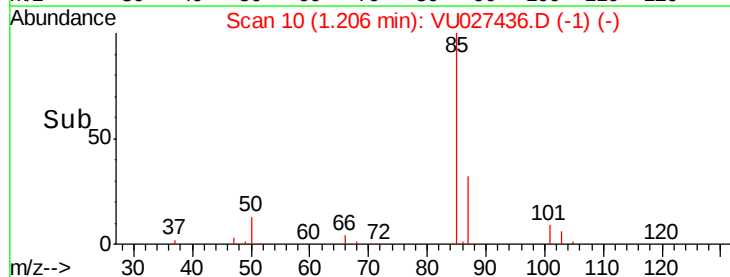
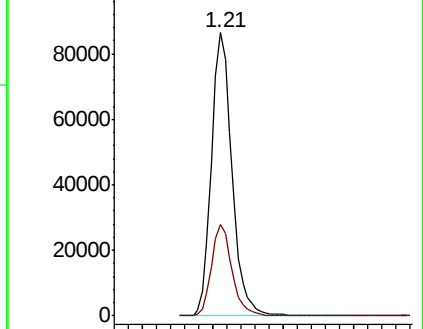
85 100

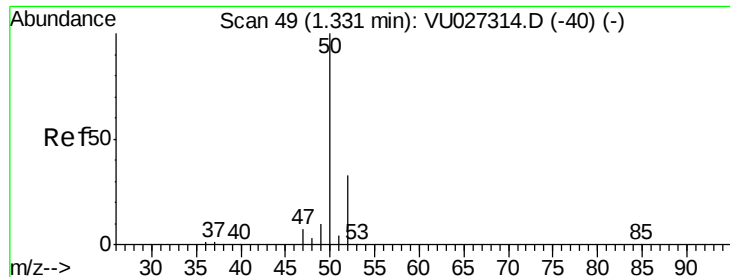
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)





#3

Chloromethane

Concen: 45.383 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

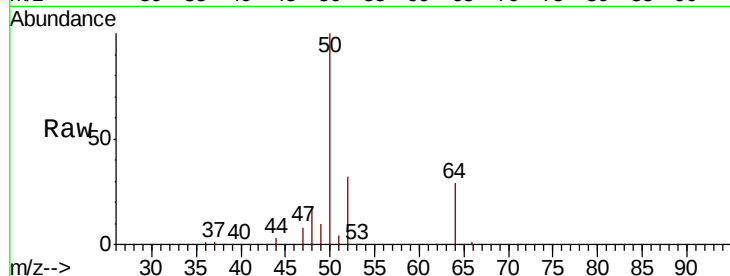
EP-MW-H-092718MS

Tgt Ion: 50 Resp: 109819

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU027314.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027436.D (-1) (-)

120000

100000

80000

60000

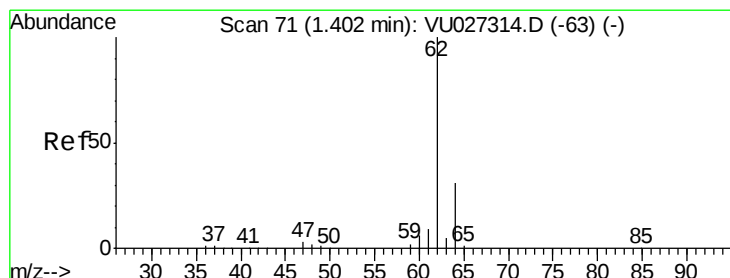
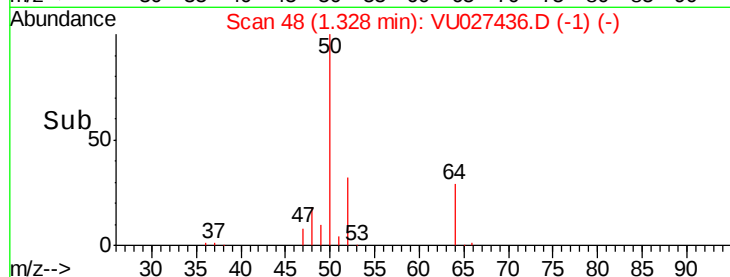
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 47.325 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027436.D

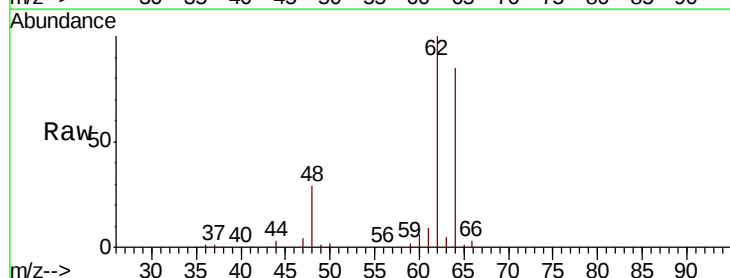
Acq: 05 Oct 2018 02:13

Tgt Ion: 62 Resp: 107650

Ion Ratio Lower Upper

62 100

64 47.7 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VU027314.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027436.D (-1) (-)

120000

100000

80000

60000

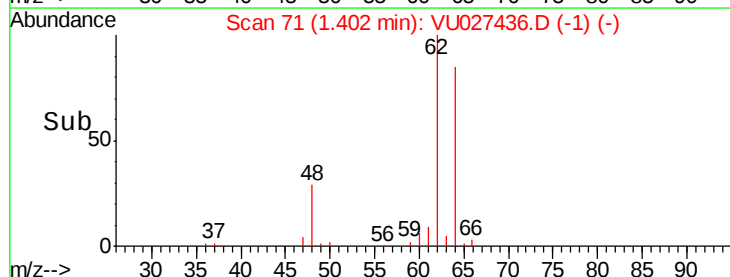
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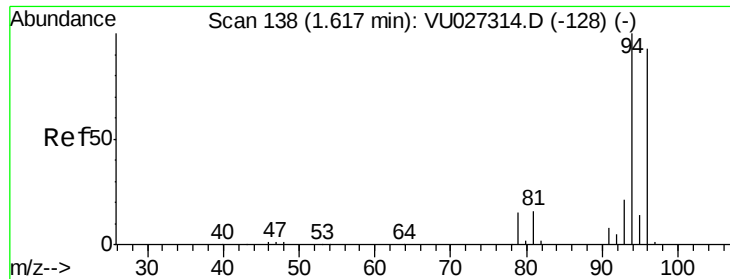
20000

0

1.40 1.50

Time-->





#5

Bromomethane

Concen: 63.234 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

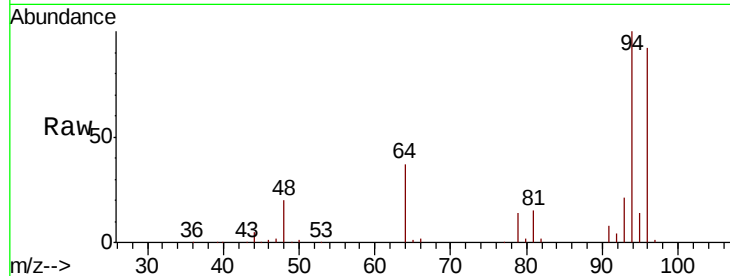
EP-MW-H-092718MS

Tgt Ion: 94 Resp: 62240

Ion Ratio Lower Upper

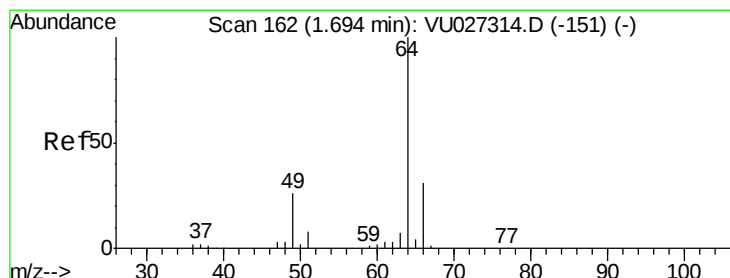
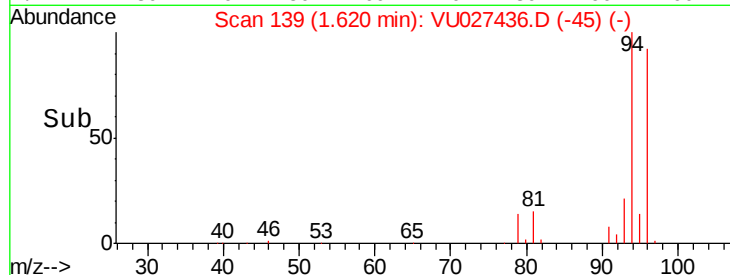
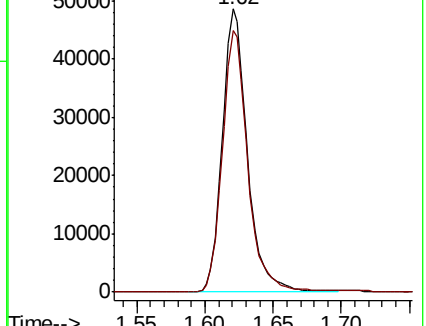
94 100

96 92.4 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 54.083 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027436.D

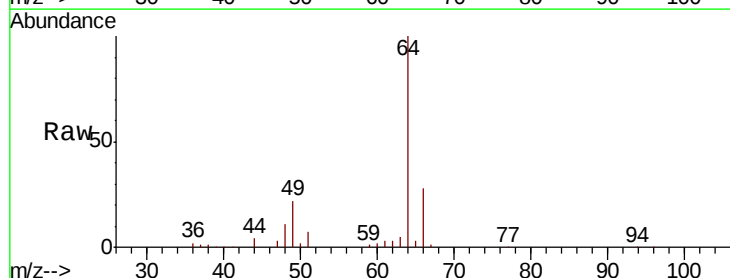
Acq: 05 Oct 2018 02:13

Tgt Ion: 64 Resp: 73925

Ion Ratio Lower Upper

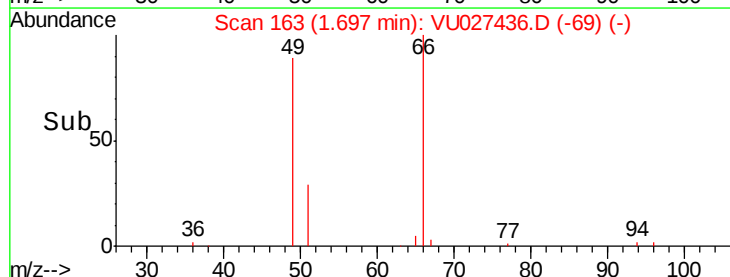
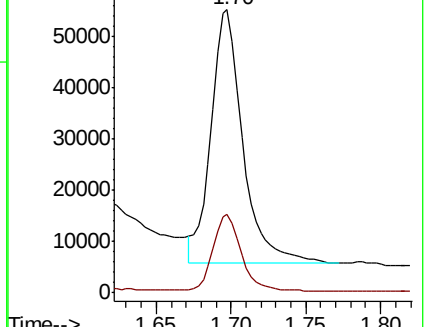
64 100

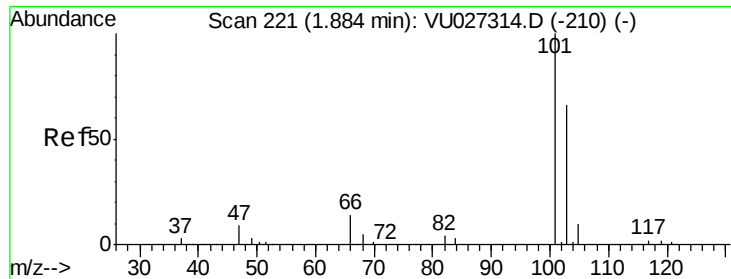
66 30.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



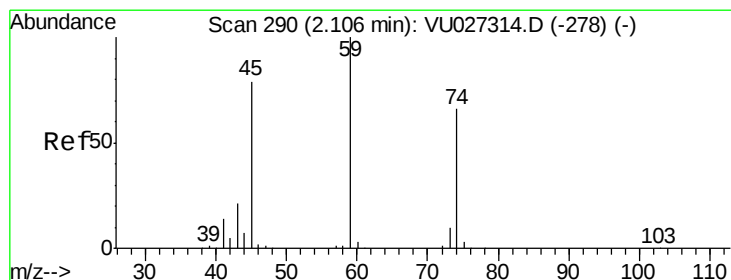
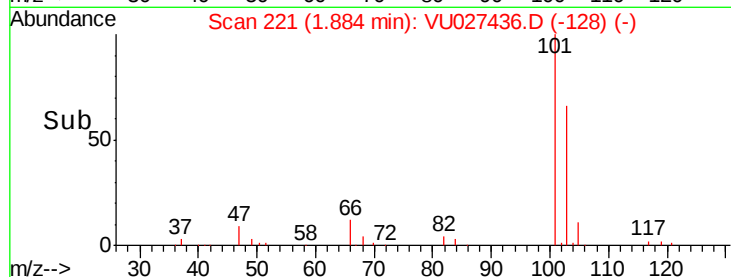
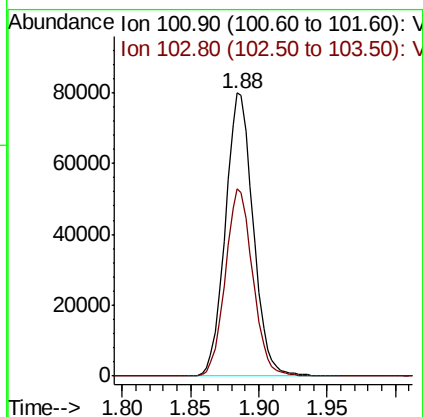
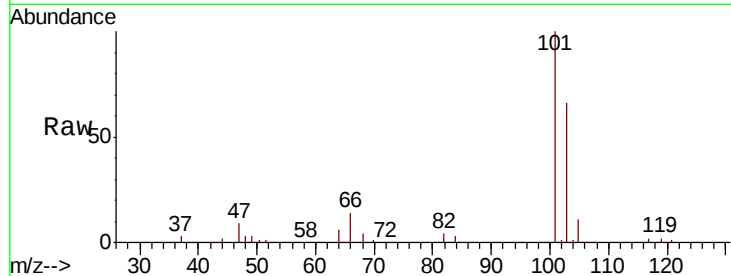


#7

Trichlorofluoromethane
 Concen: 49.047 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
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 EP-MW-H-092718MS

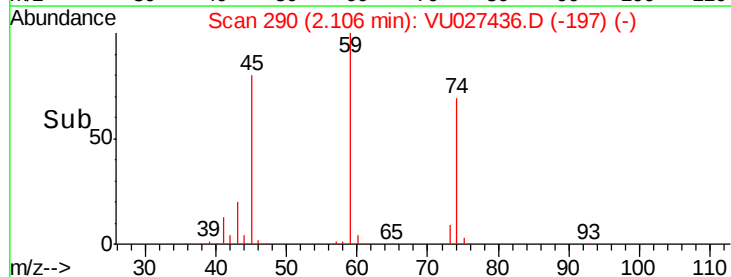
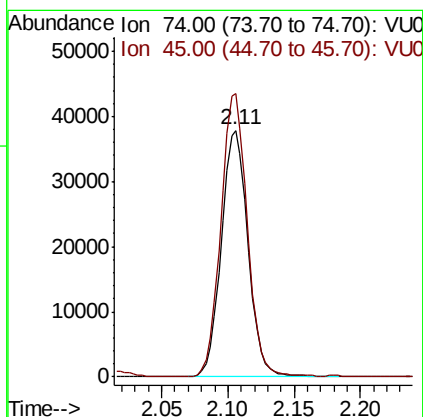
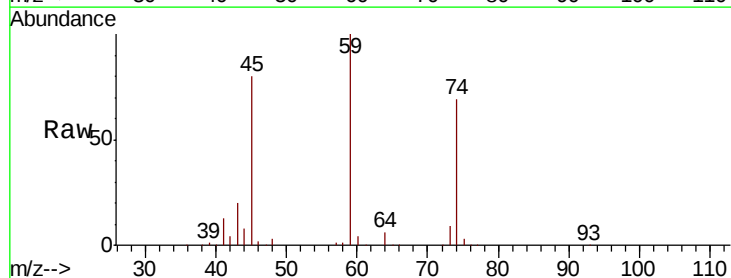
Tgt Ion: 101 Resp: 113202
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.6 78.8

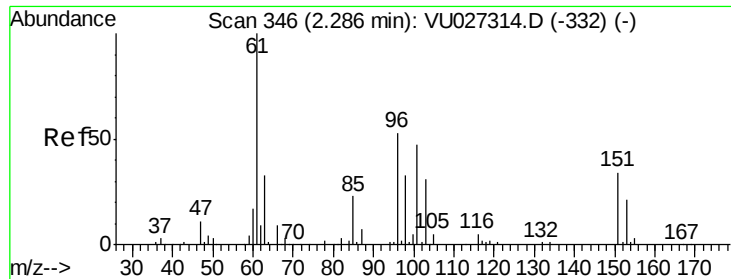


#8

Diethyl Ether
 Concen: 49.733 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 74 Resp: 52876
 Ion Ratio Lower Upper
 74 100
 45 114.3 60.4 181.1

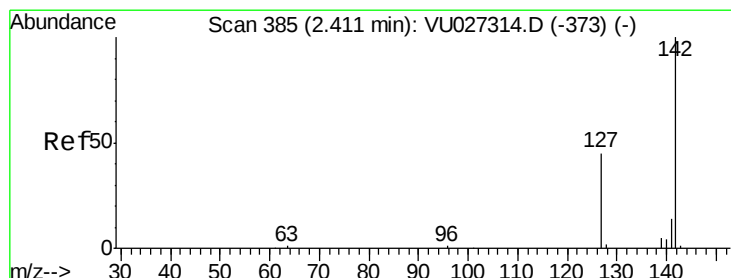
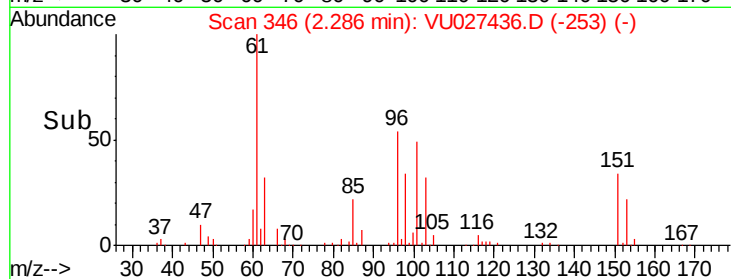
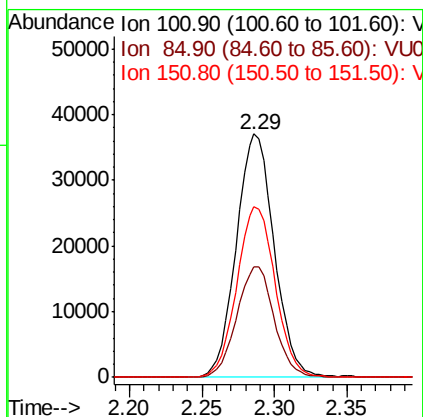
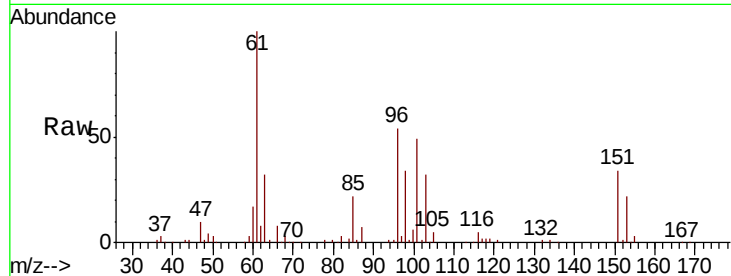




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.095 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

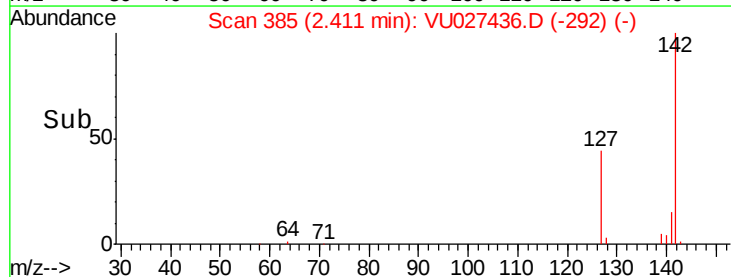
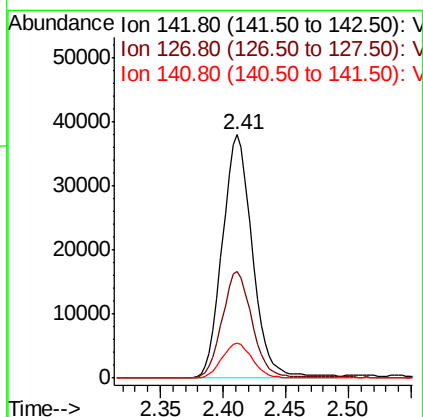
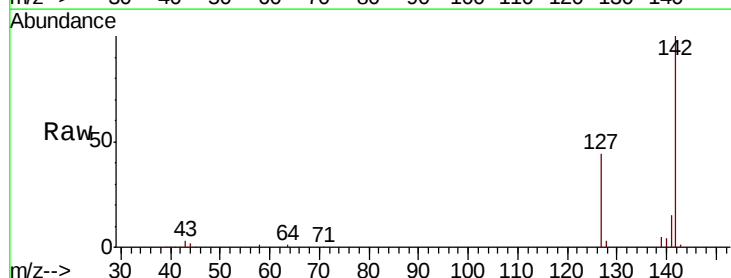
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

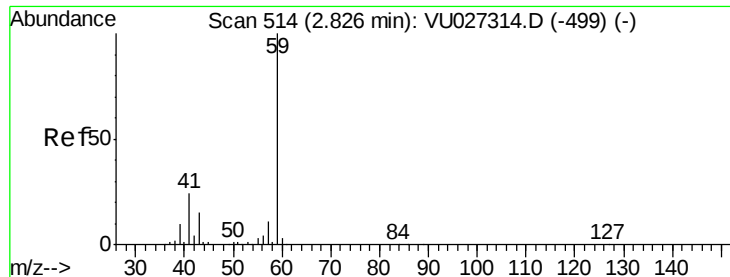
Tgt Ion:101 Resp: 67146
 Ion Ratio Lower Upper
 101 100
 85 44.9 37.5 56.3
 151 71.0 55.6 83.4



#10
 Methyl Iodide
 Concen: 53.320 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion:142 Resp: 63317
 Ion Ratio Lower Upper
 142 100
 127 43.6 36.3 54.5
 141 14.4 11.6 17.4



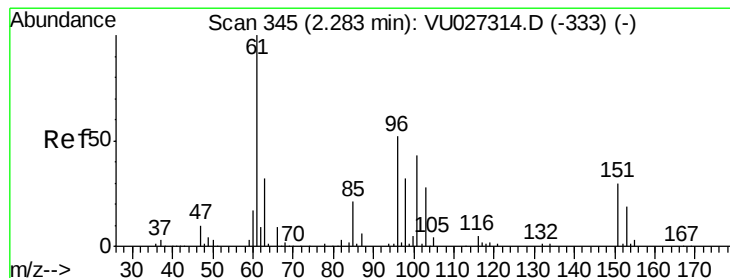
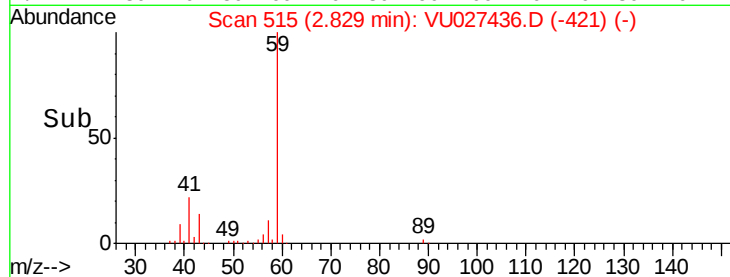
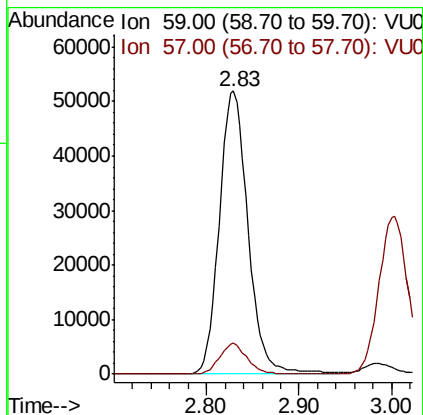
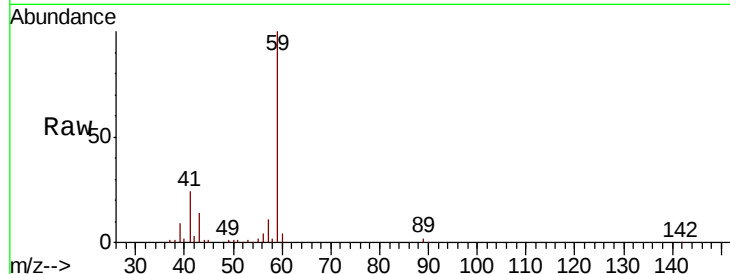


#11

Tert butyl alcohol
 Concen: 255.715 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

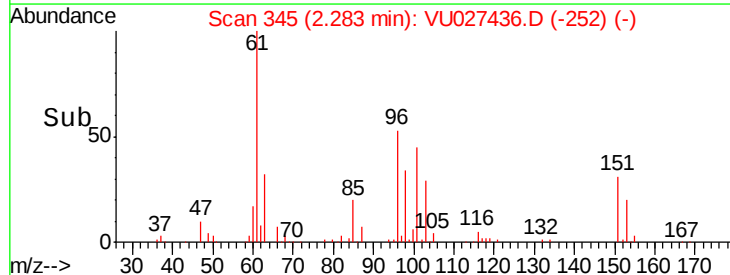
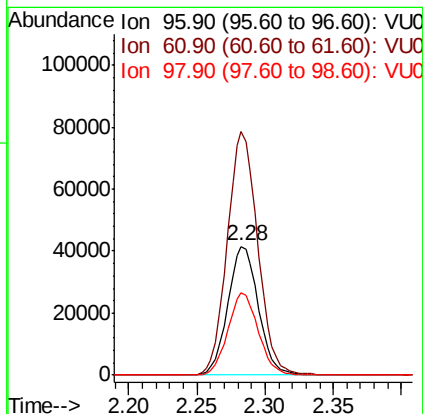
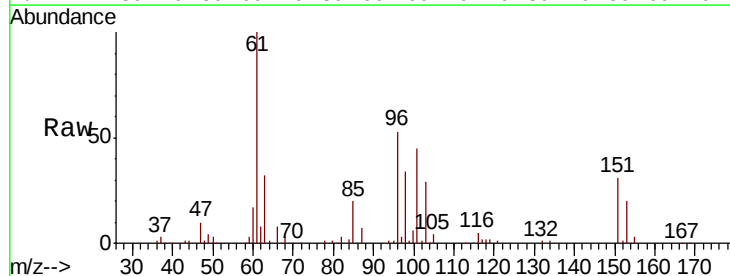
Tgt Ion: 59 Resp: 111477
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

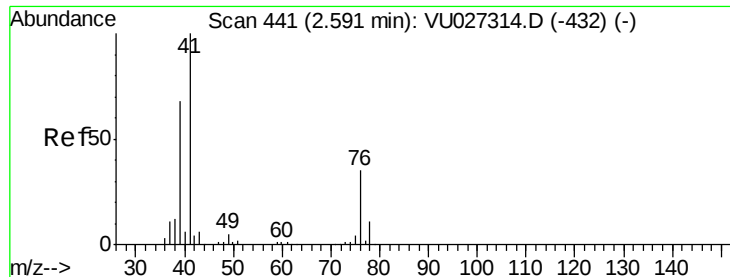


#12

1,1-Dichloroethene
 Concen: 49.325 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 96 Resp: 64594
 Ion Ratio Lower Upper
 96 100
 61 188.7 153.0 229.6
 98 63.8 49.3 73.9

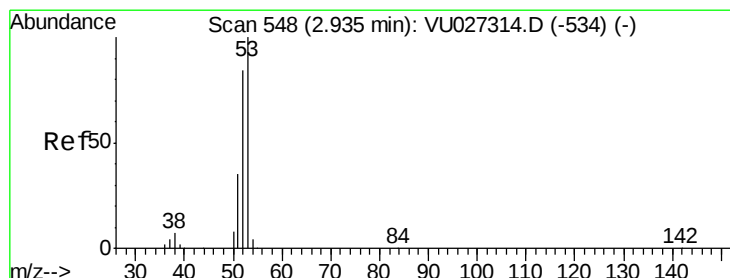
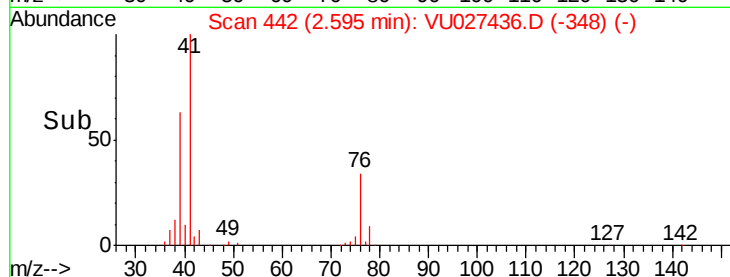
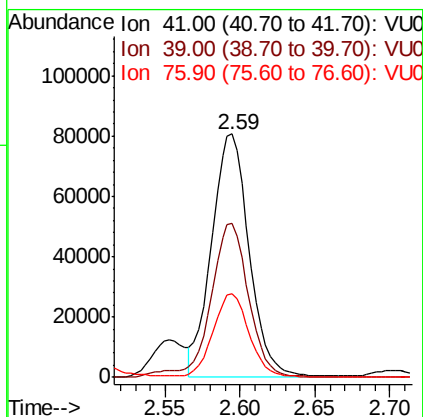
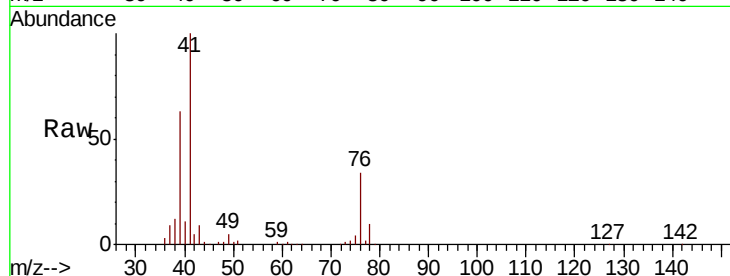




#14
 Allyl chloride
 Concen: 44.982 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

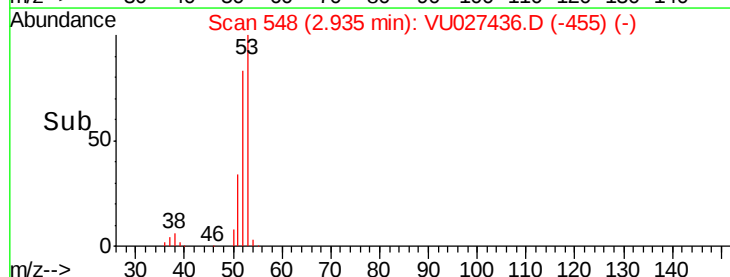
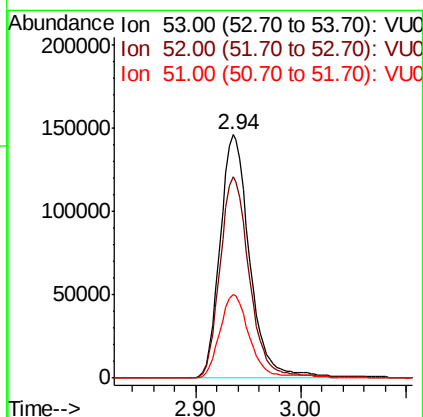
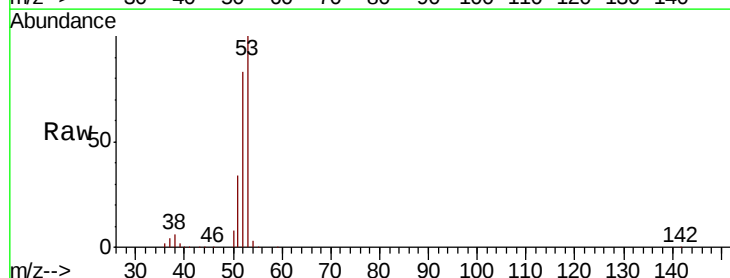
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

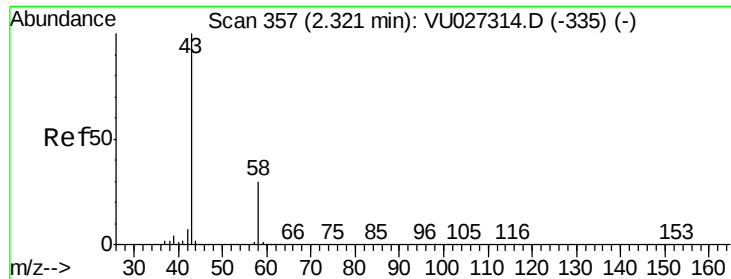
Tgt Ion: 41 Resp: 139881
 Ion Ratio Lower Upper
 41 100
 39 65.1 51.8 77.8
 76 33.1 25.9 38.9



#15
 Acrylonitrile
 Concen: 250.507 ug/l
 RT: 2.94 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 53 Resp: 284236
 Ion Ratio Lower Upper
 53 100
 52 82.2 66.5 99.7
 51 35.0 27.6 41.4





#16

Acetone

Concen: 278.944 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

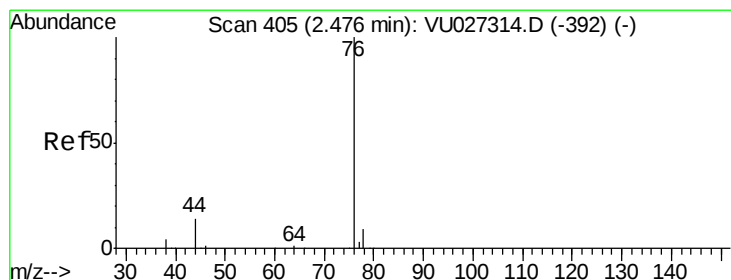
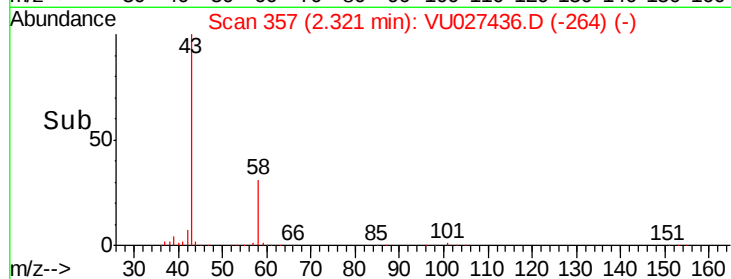
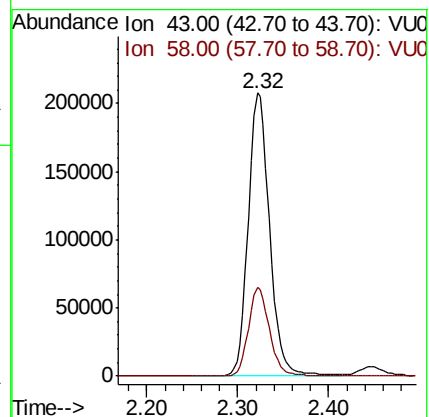
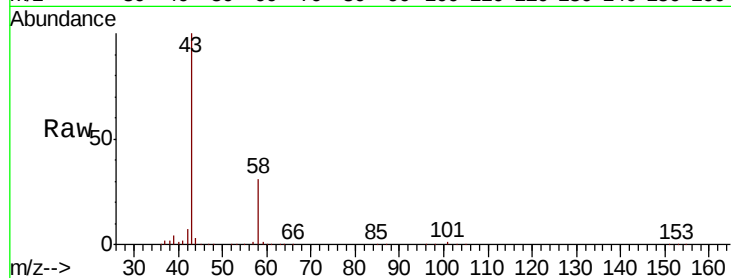
EP-MW-H-092718MS

Tgt Ion: 43 Resp: 341141

Ion Ratio Lower Upper

43 100

58 31.1 24.2 36.4



#17

Carbon Disulfide

Concen: 45.972 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027436.D

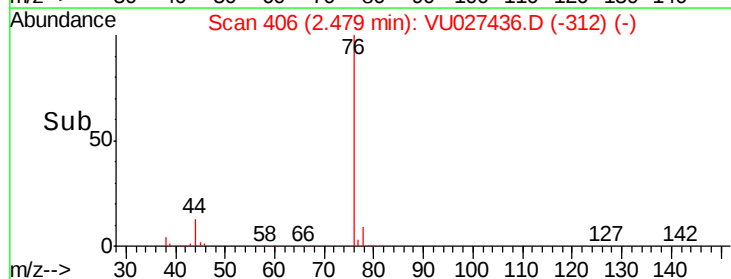
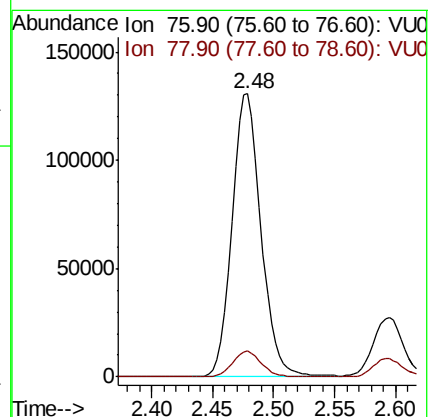
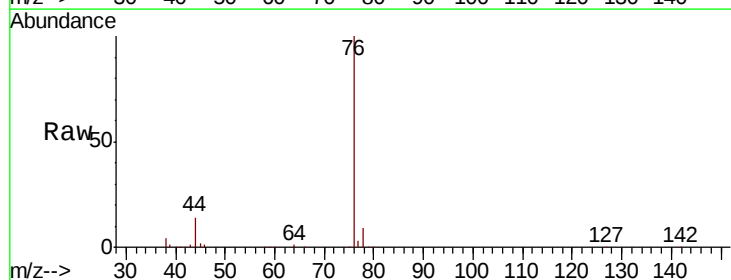
Acq: 05 Oct 2018 02:13

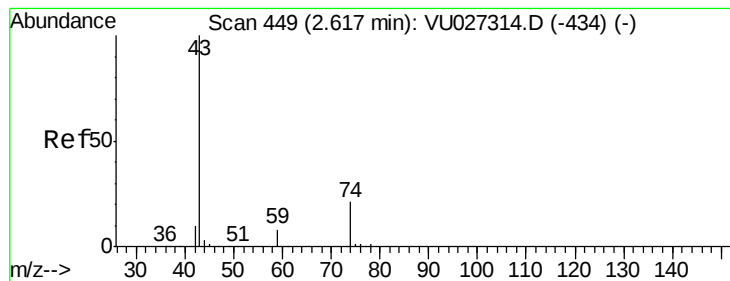
Tgt Ion: 76 Resp: 217127

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#18

Methyl Acetate

Concen: 50.021 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

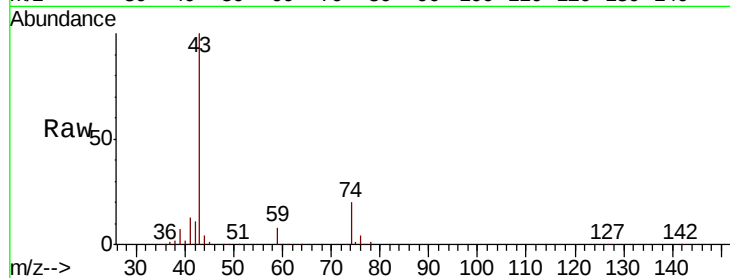
EP-MW-H-092718MS

Tgt Ion: 43 Resp: 139554

Ion Ratio Lower Upper

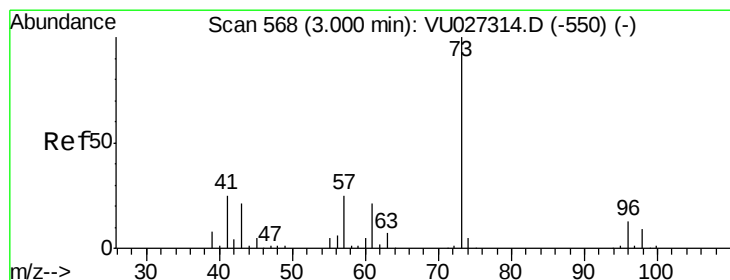
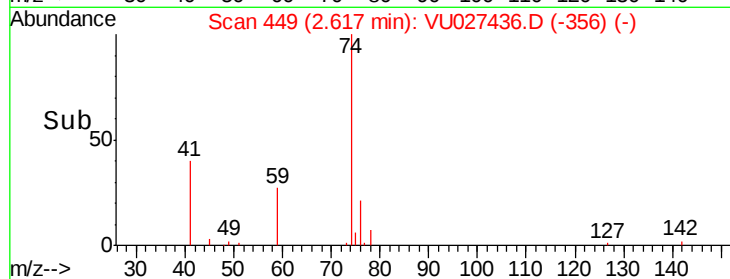
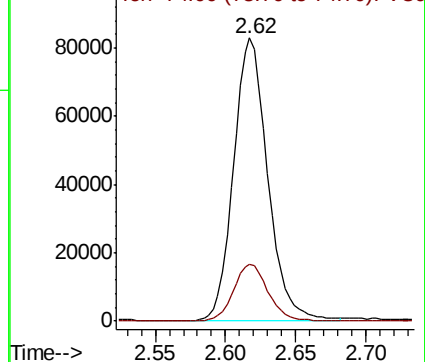
43 100

74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#19

Methyl tert-butyl Ether

Concen: 50.346 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU027436.D

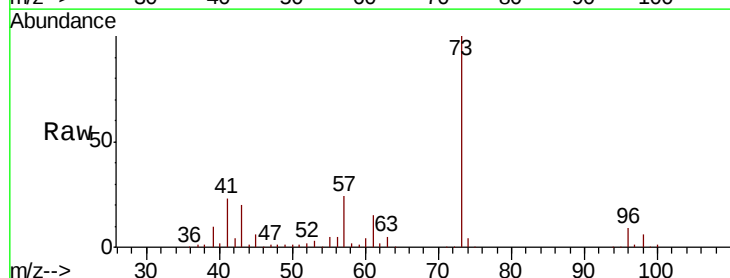
Acq: 05 Oct 2018 02:13

Tgt Ion: 73 Resp: 264175

Ion Ratio Lower Upper

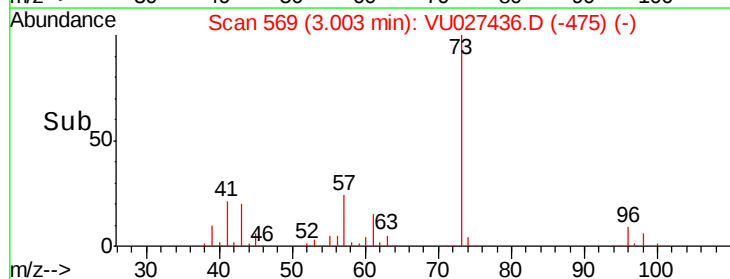
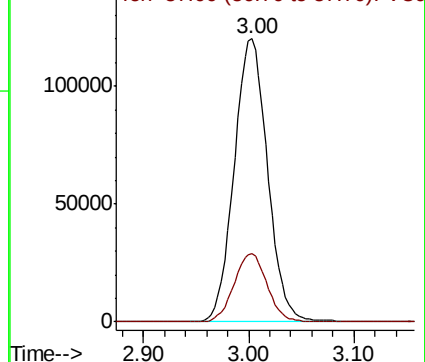
73 100

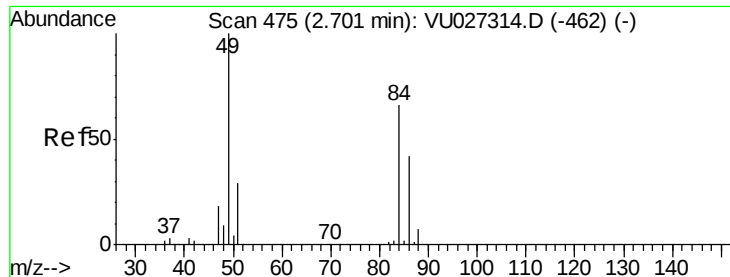
57 24.1 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

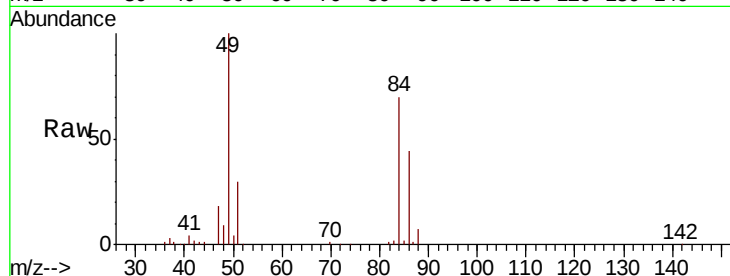




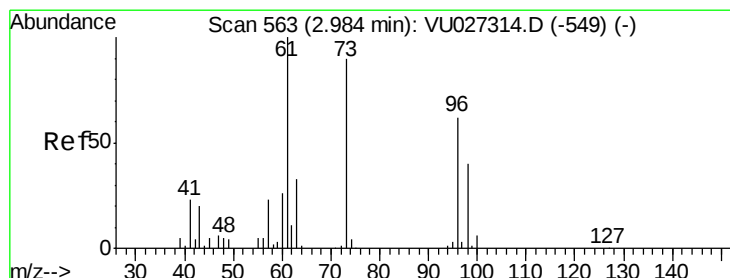
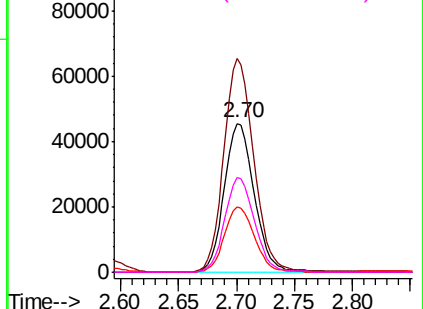
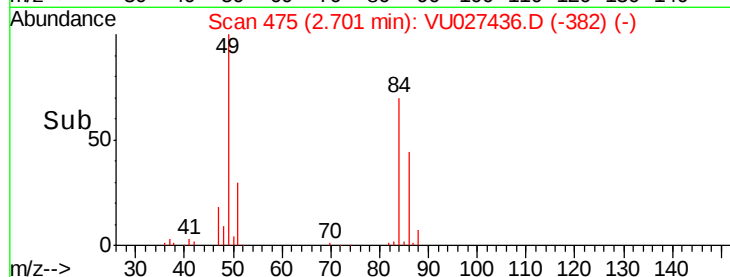
#20
Methylene Chloride
Concen: 47.769 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

Tgt Ion: 84 Resp: 81376
Ion Ratio Lower Upper
84 100
49 143.7 120.5 180.7
51 43.8 35.1 52.7
86 63.5 50.5 75.7

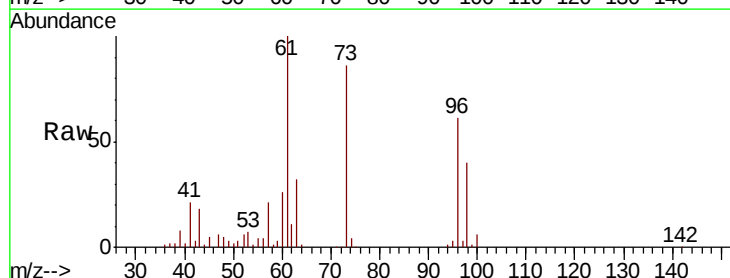


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

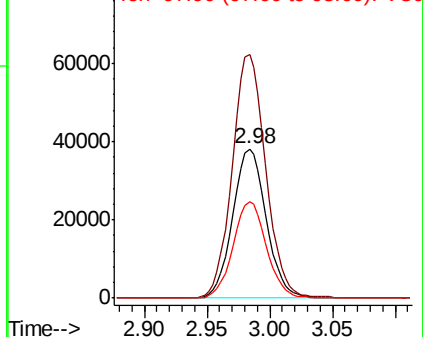
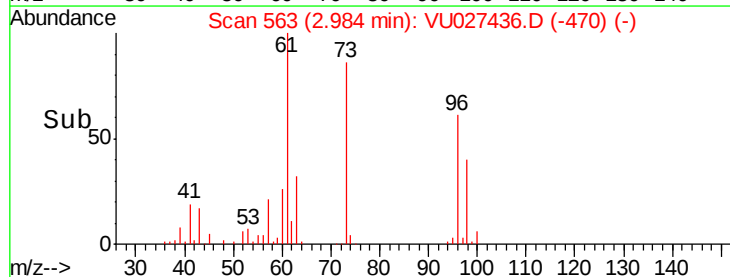


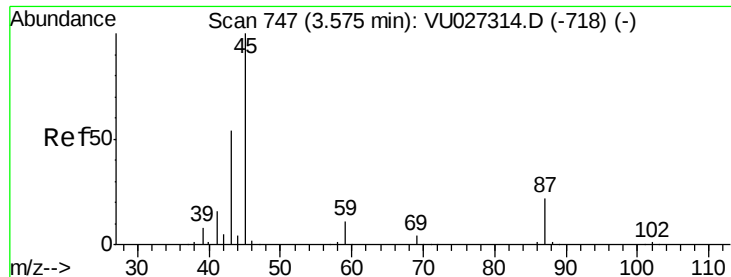
#21
trans-1,2-Dichloroethene
Concen: 48.197 ug/l
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 96 Resp: 70861
Ion Ratio Lower Upper
96 100
61 162.8 129.4 194.2
98 64.7 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#22

Diisopropyl ether

Concen: 49.180 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

Tgt Ion: 45 Resp: 310844

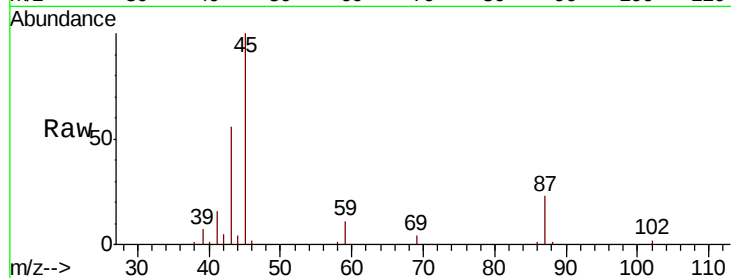
Ion Ratio Lower Upper

45 100

43 54.8 43.4 65.2

87 22.7 17.5 26.3

59 11.0 8.6 13.0

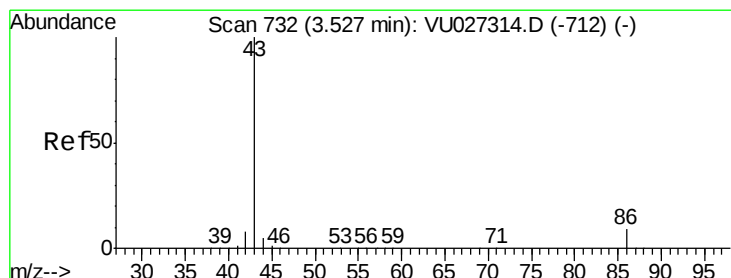
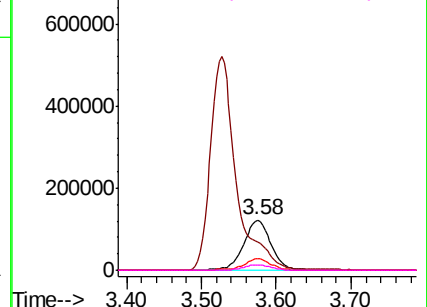
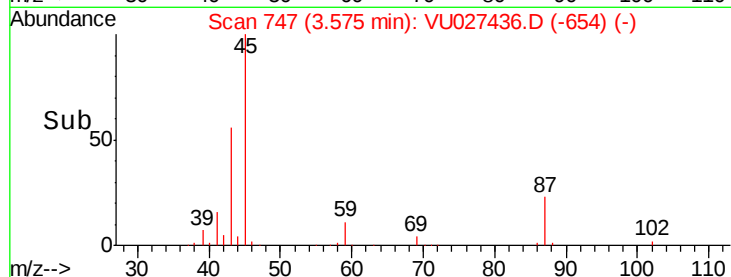


Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0



#23

Vinyl Acetate

Concen: 227.832 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027436.D

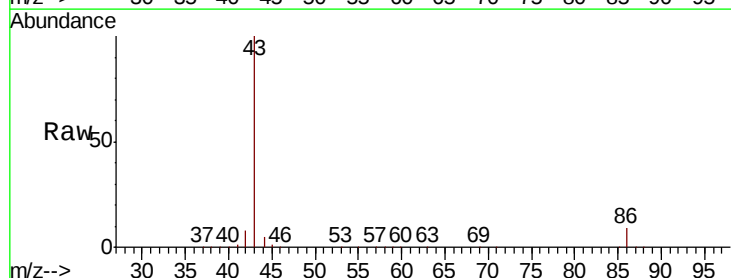
Acq: 05 Oct 2018 02:13

Tgt Ion: 43 Resp: 1257589

Ion Ratio Lower Upper

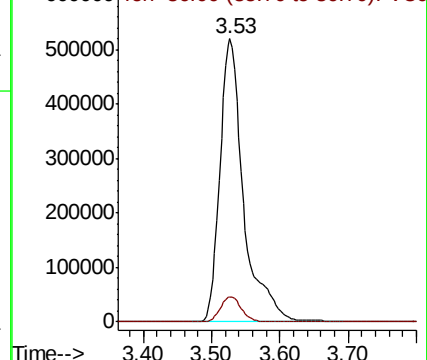
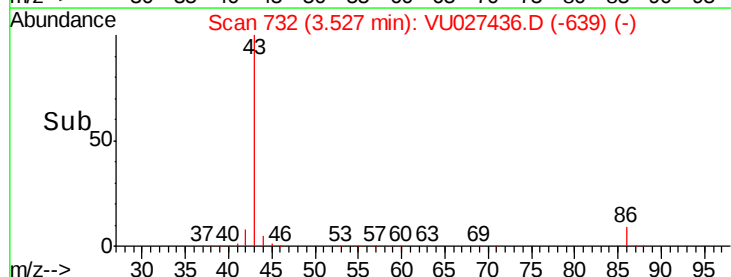
43 100

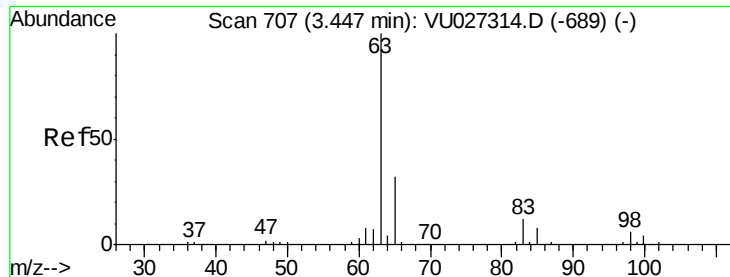
86 9.0 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

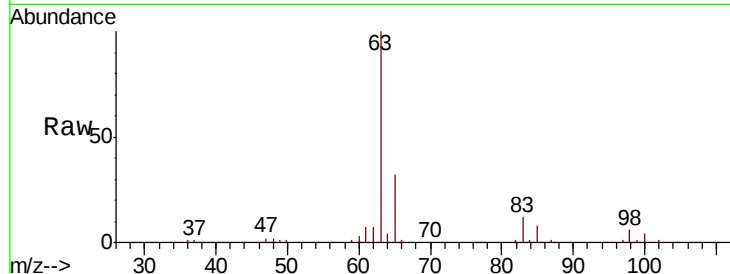




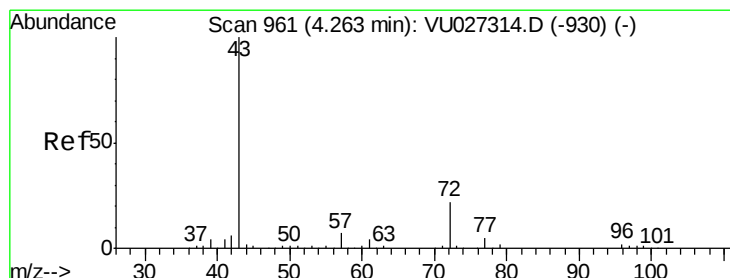
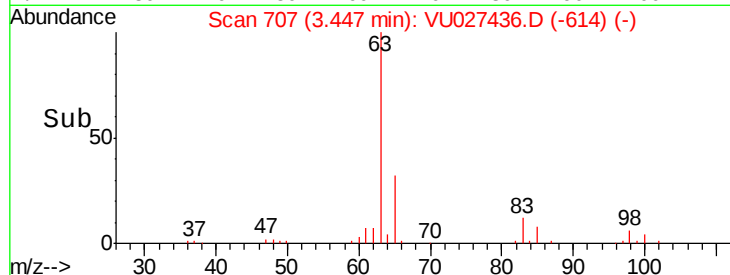
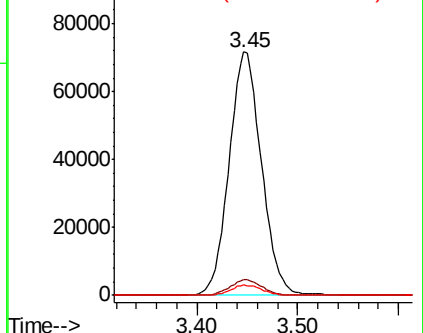
#24
 1,1-Dichloroethane
 Concen: 49.246 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	4.1	1.8	5.5

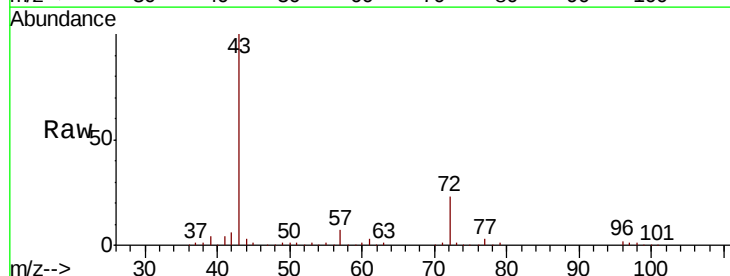


Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0
 Ion 99.90 (99.60 to 100.60): VU0

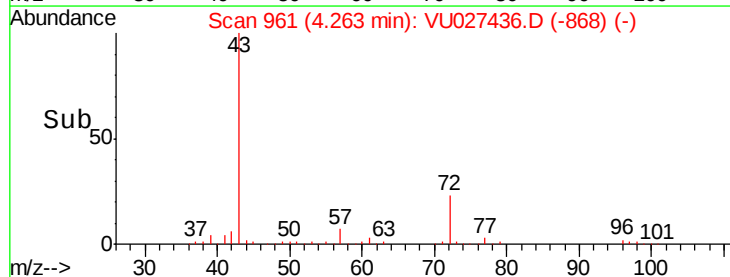
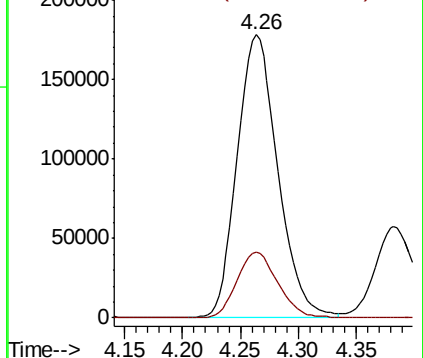


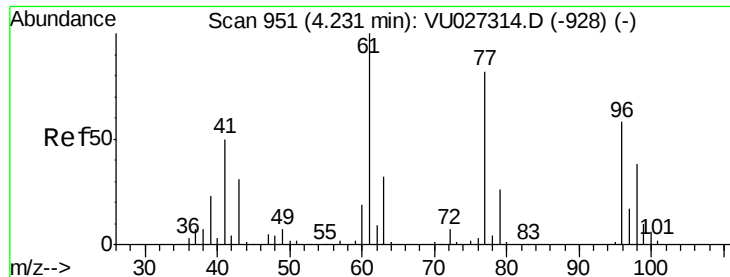
#25
 2-Butanone
 Concen: 258.982 ug/l
 RT: 4.26 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.8	26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0

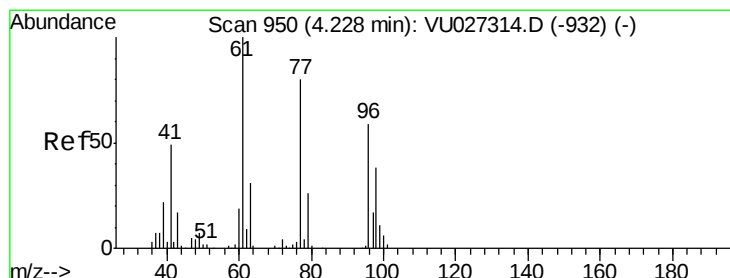
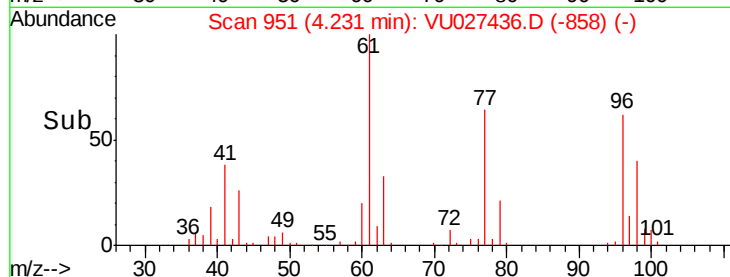
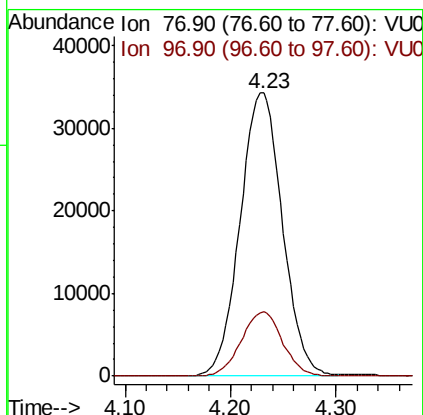
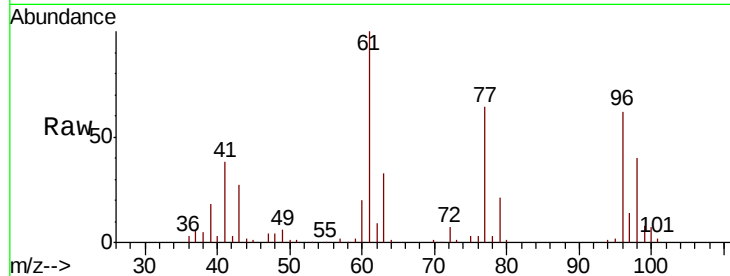




#26
 2,2-Dichloropropane
 Concen: 35.856 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

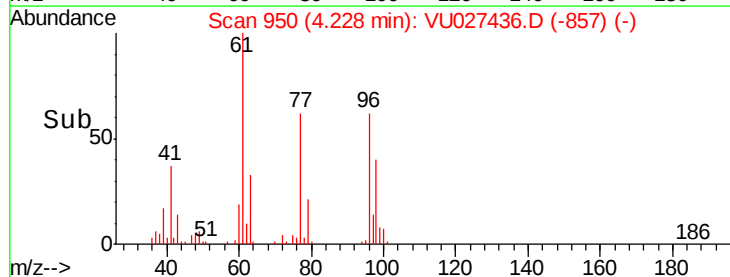
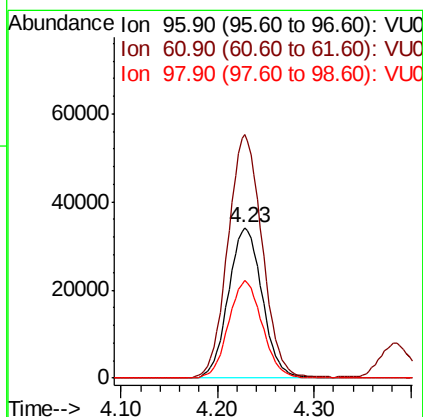
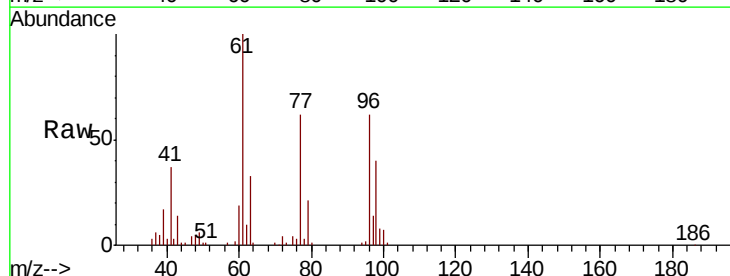
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

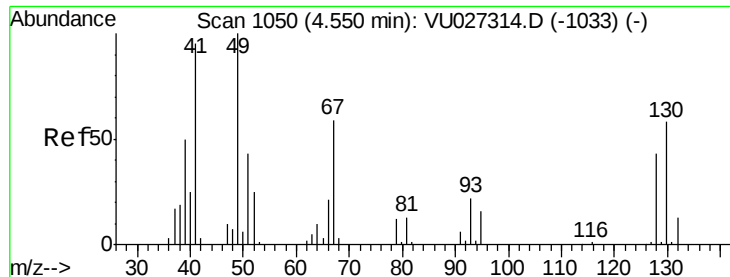
Tgt Ion: 77 Resp: 95733
 Ion Ratio Lower Upper
 77 100
 97 22.1 10.4 31.1



#27
 cis-1,2-Dichloroethene
 Concen: 49.517 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 96 Resp: 83255
 Ion Ratio Lower Upper
 96 100
 61 163.7 0.0 343.8
 98 64.1 0.0 129.0





#28

Bromochloromethane

Concen: 51.484 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

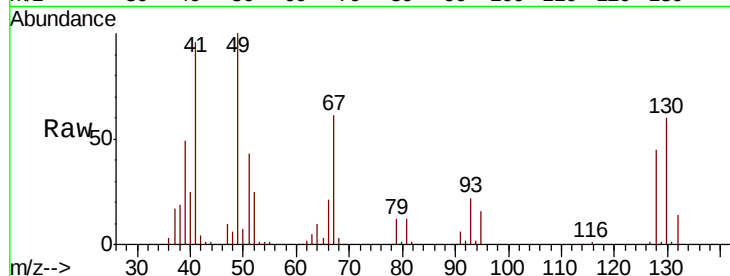
Tgt Ion: 49 Resp: 80708

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.0

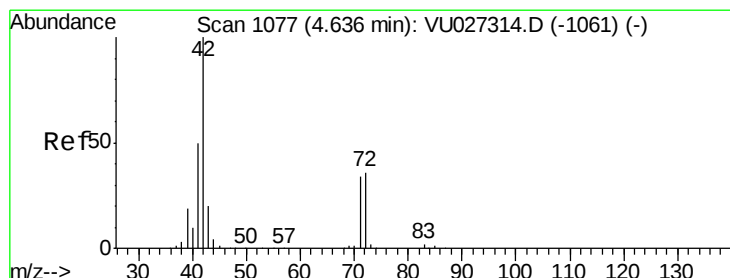
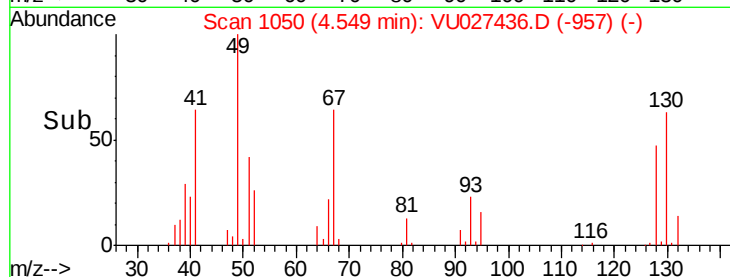
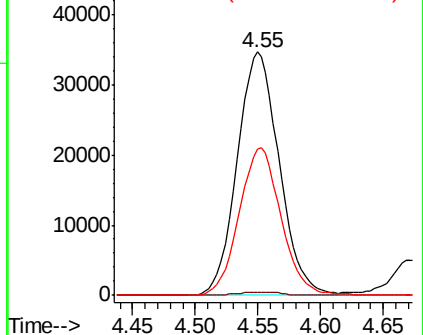
130 60.5 46.1 69.1



Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 254.190 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

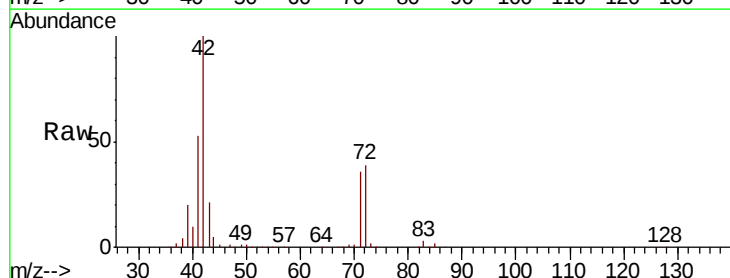
Tgt Ion: 42 Resp: 267158

Ion Ratio Lower Upper

42 100

72 38.9 30.1 45.1

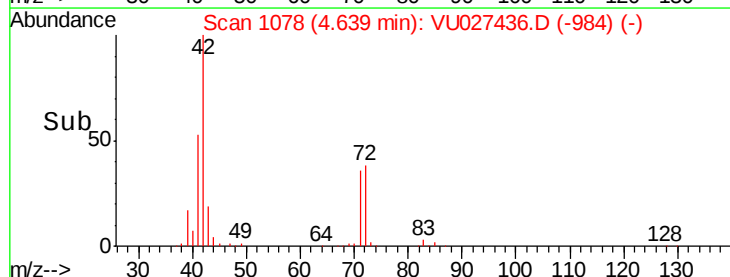
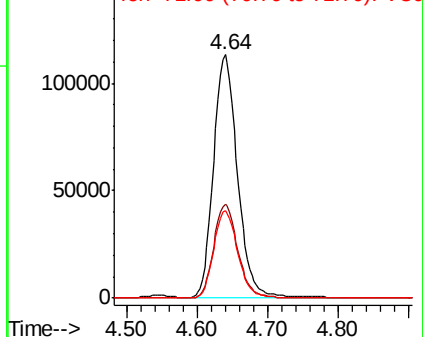
71 36.3 27.7 41.5

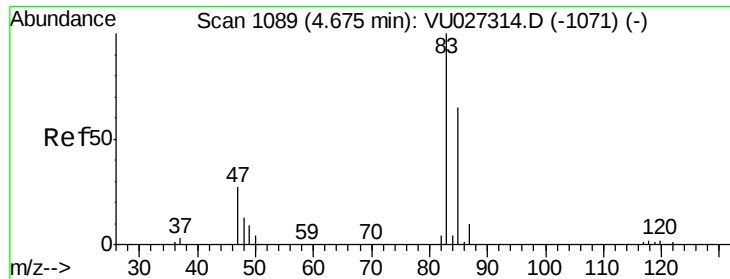


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

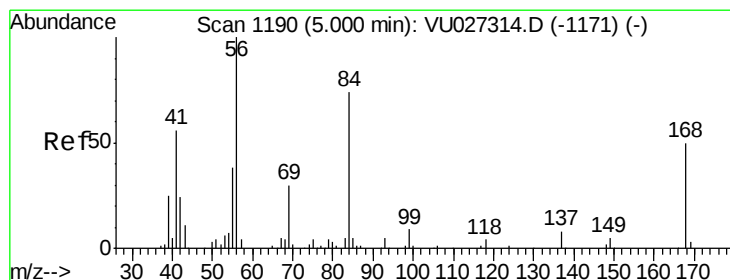
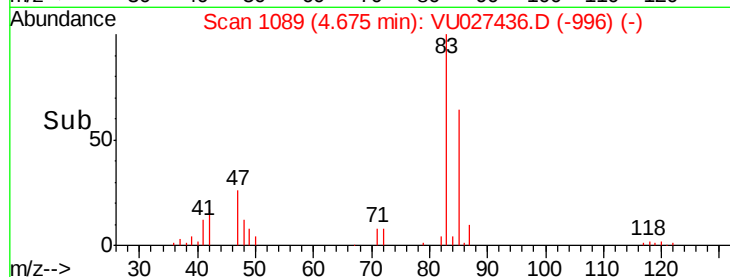
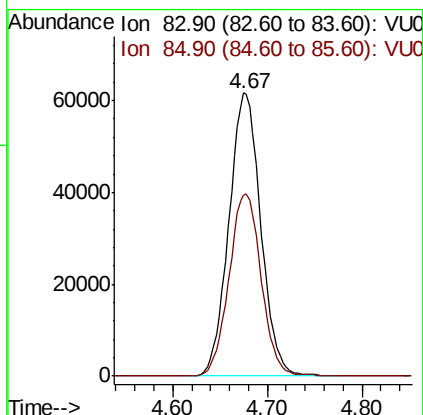
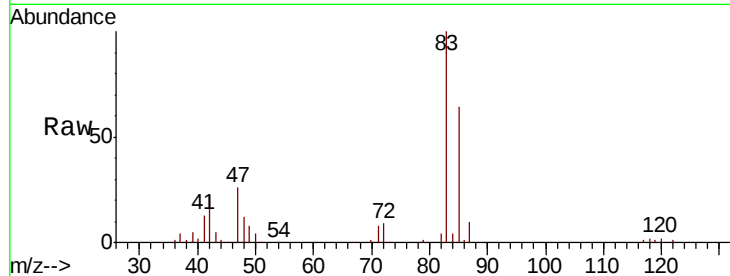




#30
Chloroform
Concen: 50.033 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

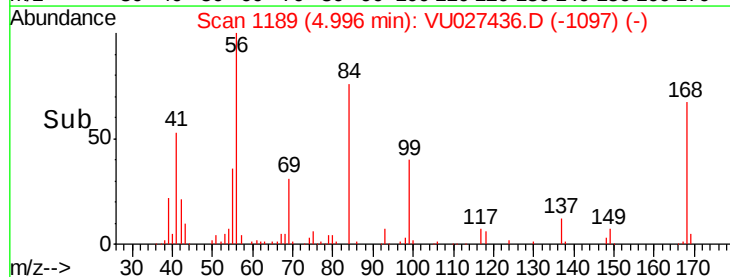
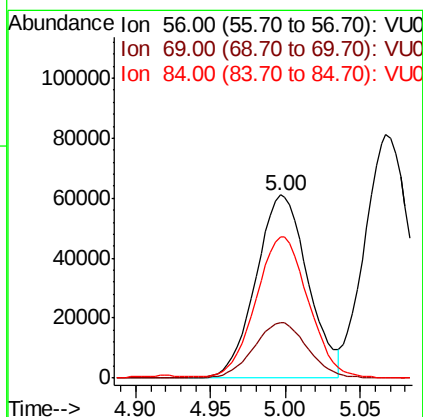
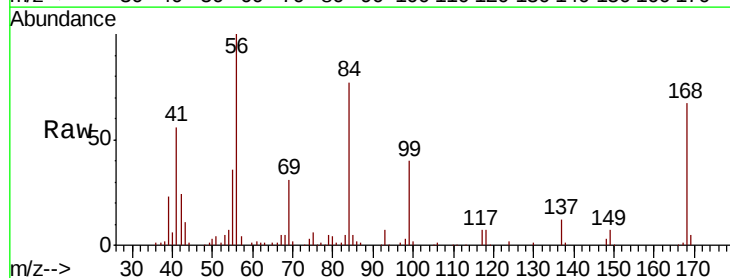
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

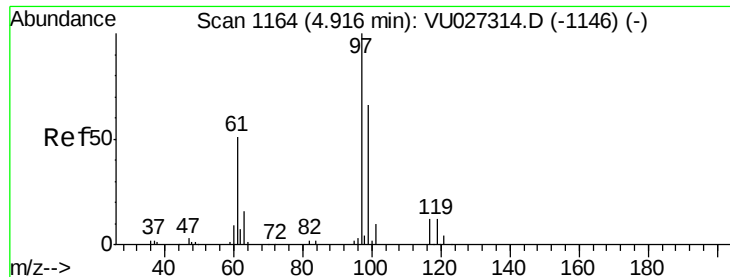
Tgt Ion: 83 Resp: 144439
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6



#31
Cyclohexane
Concen: 44.383 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 56 Resp: 147449
Ion Ratio Lower Upper
56 100
69 30.6 24.1 36.1
84 76.5 59.1 88.7

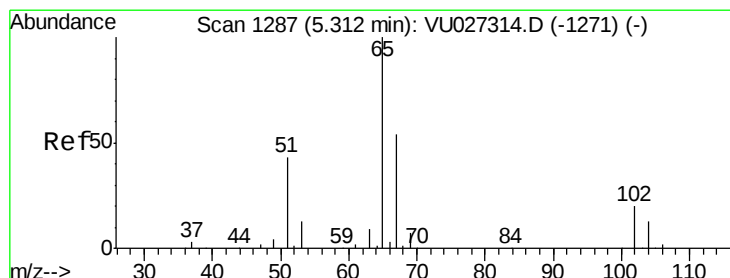
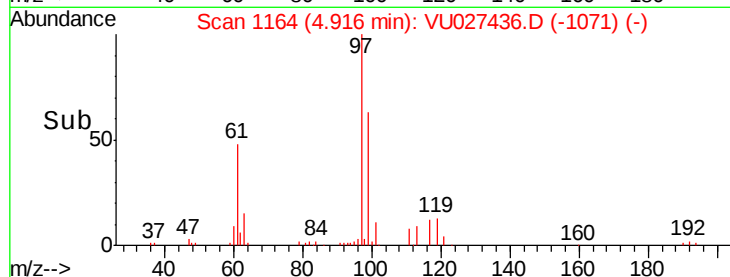
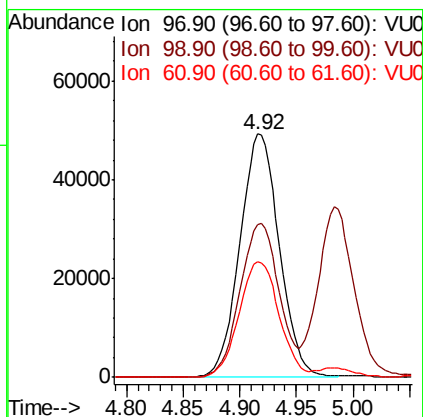
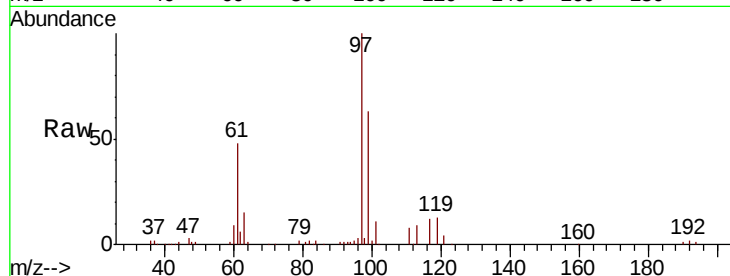




#32
 1,1,1-Trichloroethane
 Concen: 49.155 ug/l
 RT: 4.92 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

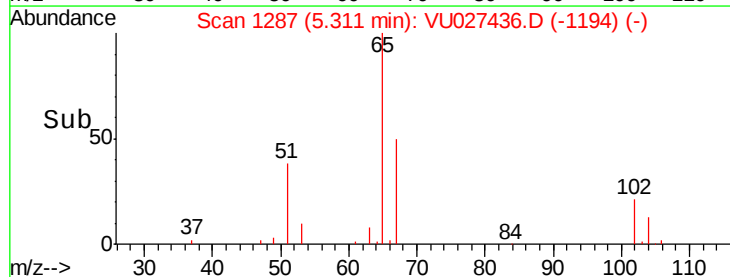
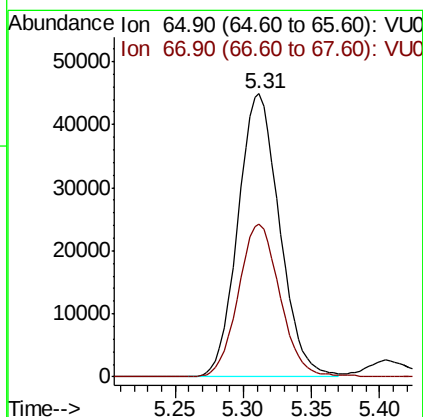
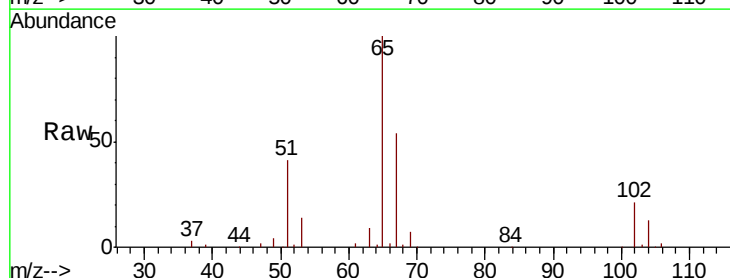
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

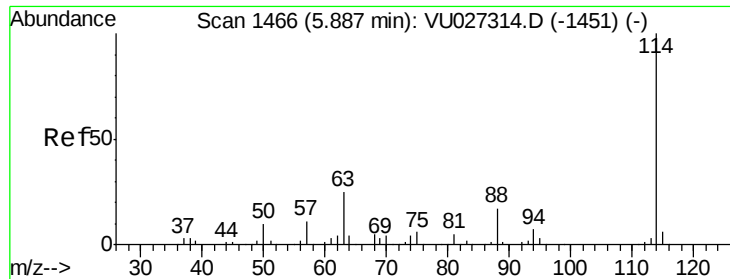
Tgt Ion: 97 Resp: 119512
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.1 76.7
 61 48.3 39.6 59.4



#33
 1,2-Dichloroethane-d4
 Concen: 45.857 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 65 Resp: 94931
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8

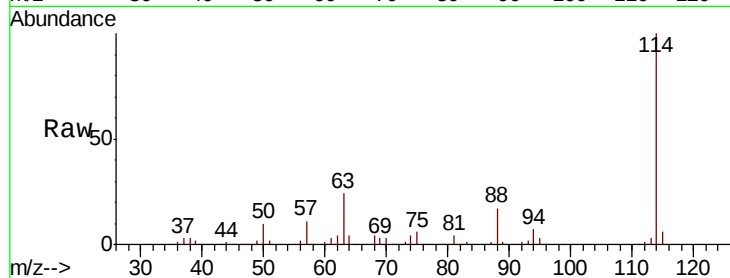




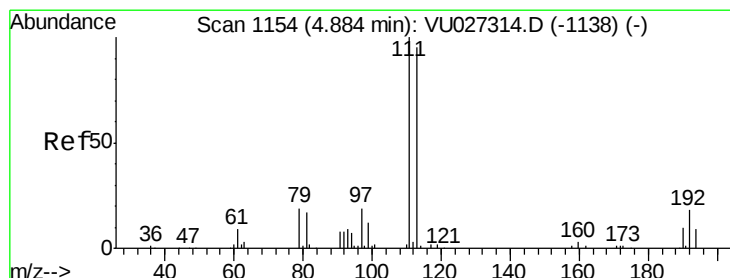
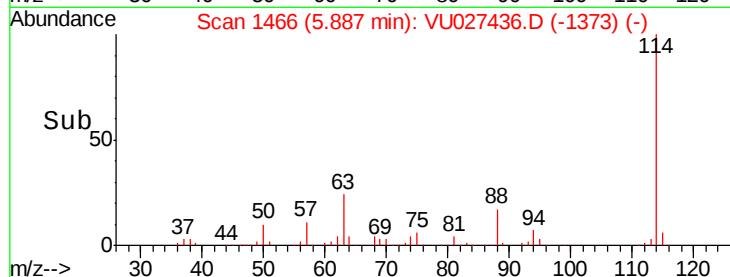
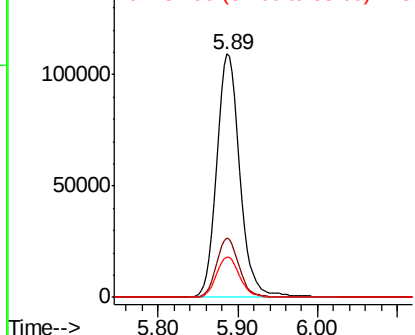
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Tgt Ion:114 Resp: 220778
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 16.7 0.0 33.8

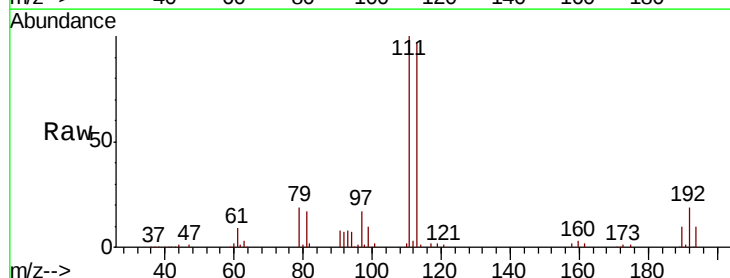


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

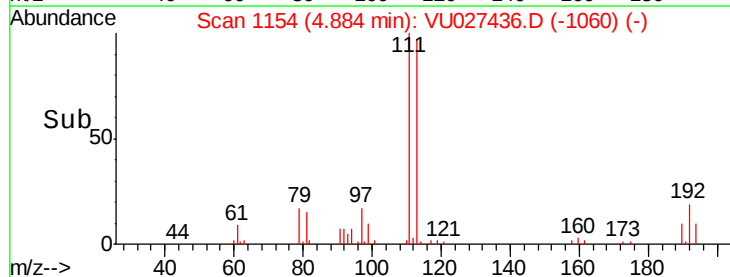
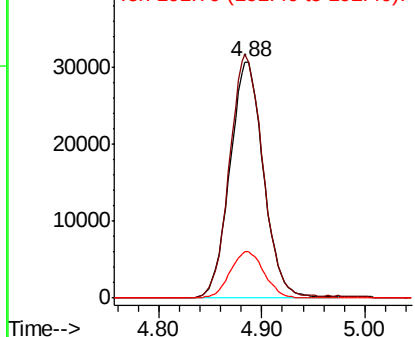


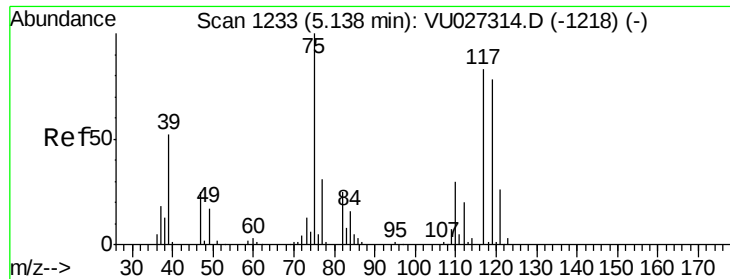
#35
 Dibromofluoromethane
 Concen: 46.133 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion:113 Resp: 69802
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 19.7 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 45.956 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

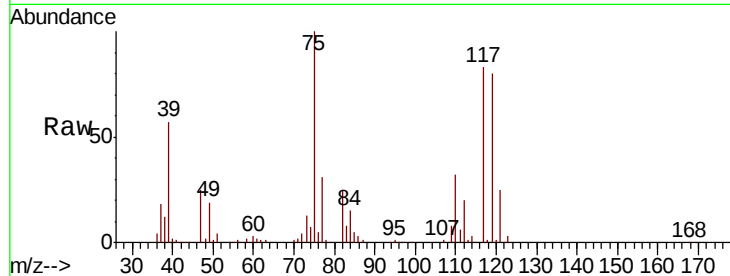
Tgt Ion: 75 Resp: 110164

Ion Ratio Lower Upper

75 100

110 31.9 15.5 46.5

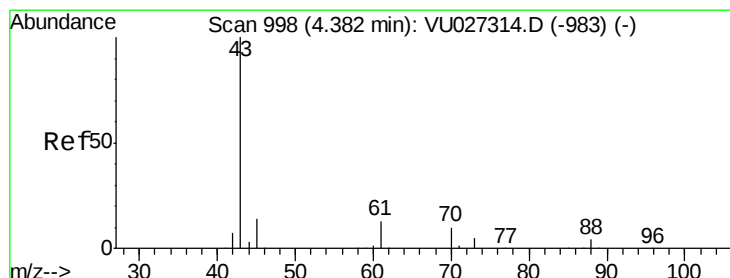
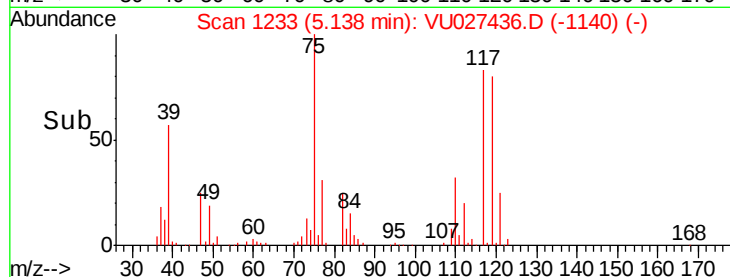
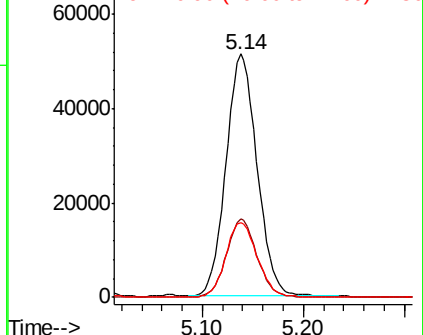
77 31.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#37

Ethyl Acetate

Concen: 46.585 ug/l

RT: 4.38 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

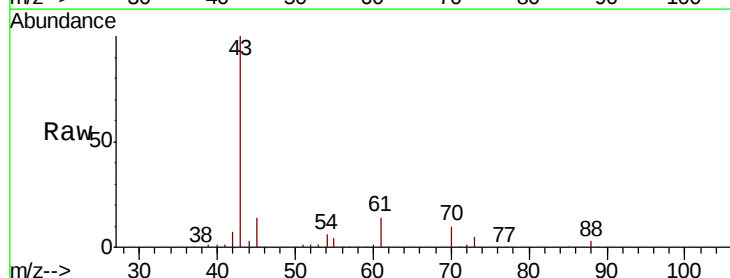
Tgt Ion: 43 Resp: 144324

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

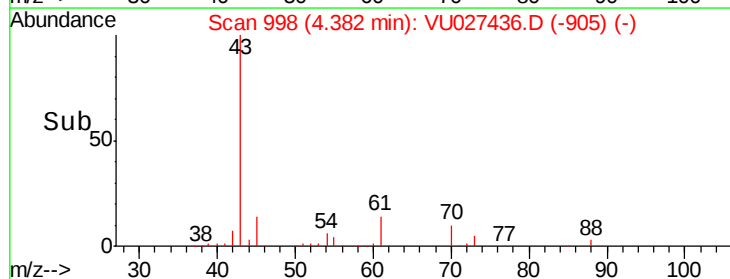
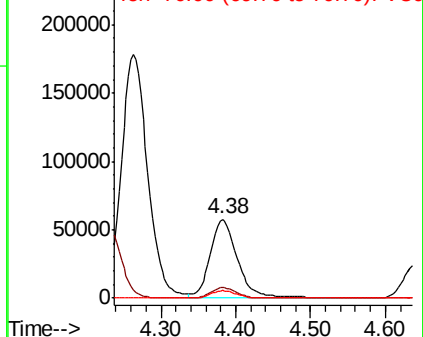
70 9.1 7.4 11.2

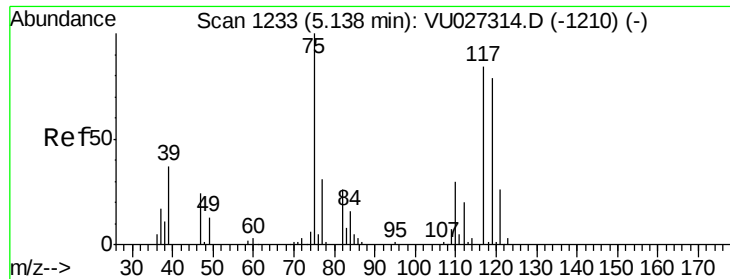


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 46.179 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

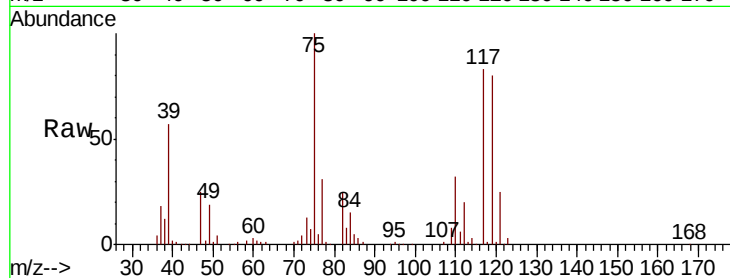
Tgt Ion:117 Resp: 99994

Ion Ratio Lower Upper

117 100

119 96.3 74.5 111.7

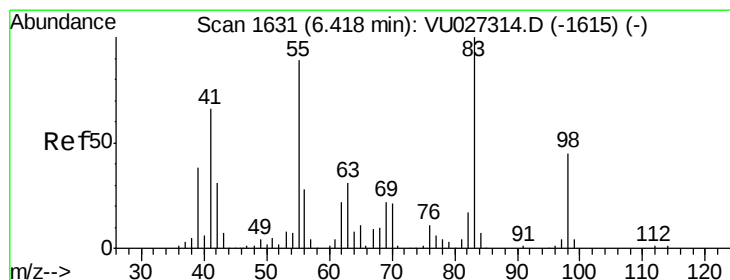
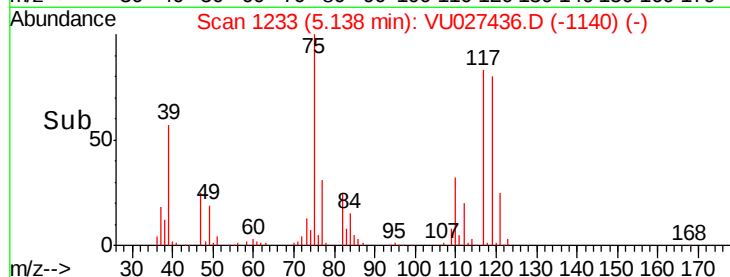
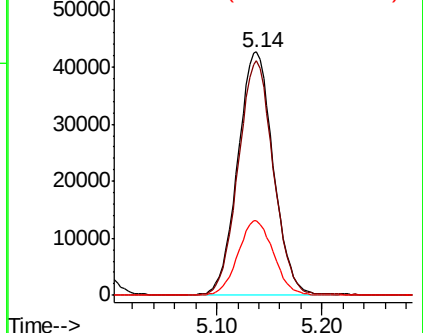
121 30.6 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 46.044 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

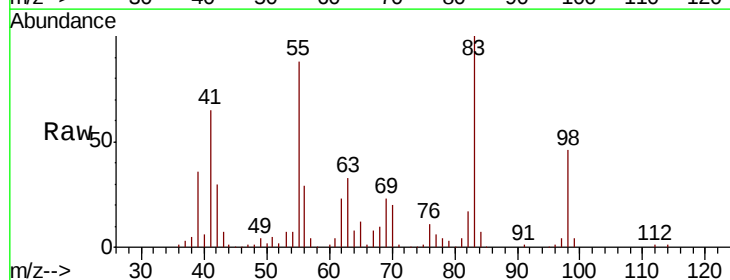
Tgt Ion: 83 Resp: 129022

Ion Ratio Lower Upper

83 100

55 87.7 71.1 106.7

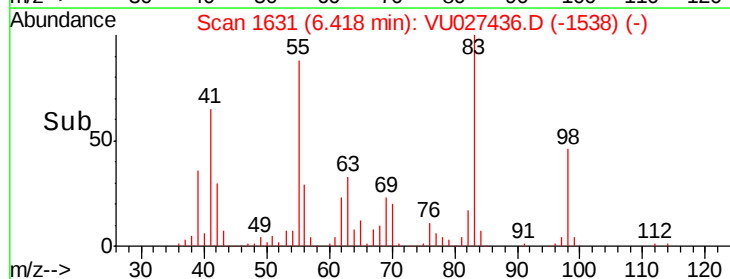
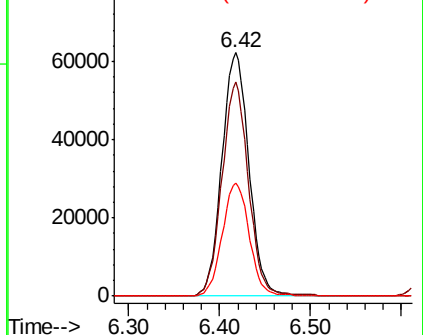
98 46.2 36.3 54.5

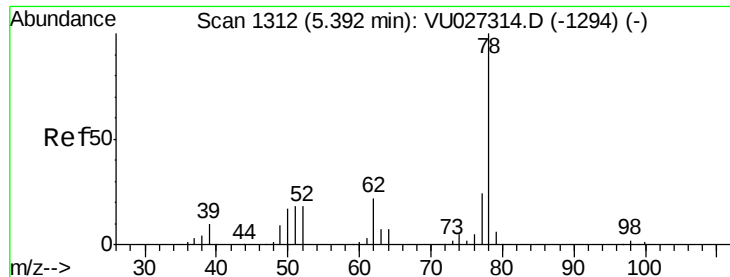


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 46.951 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

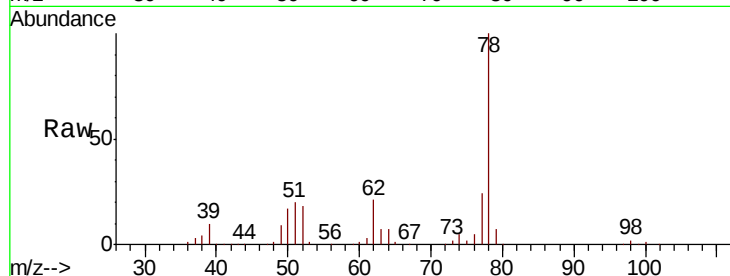
EP-MW-H-092718MS

Tgt Ion: 78 Resp: 327843

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

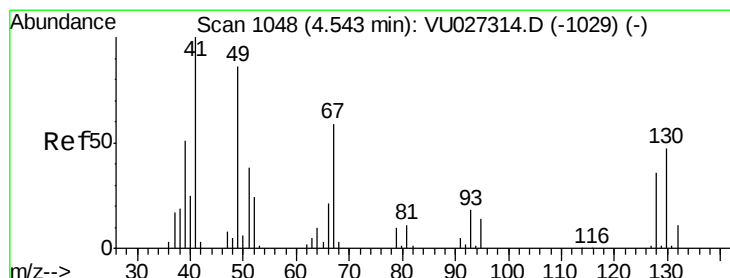
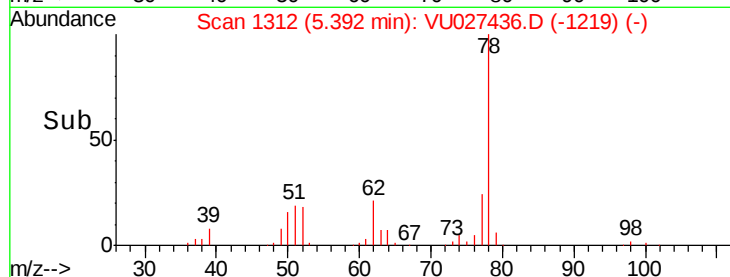
150000

100000

50000

0

Time-->



#41

Methacrylonitrile

Concen: 47.890 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Tgt Ion: 41 Resp: 83859

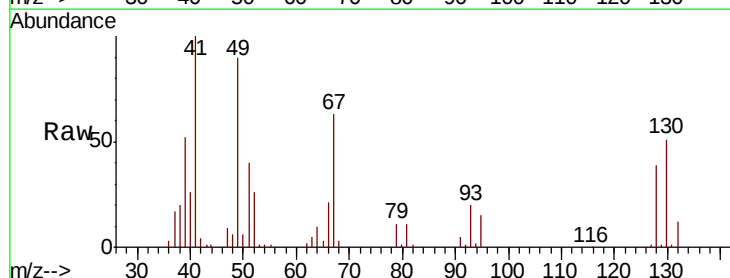
Ion Ratio Lower Upper

41 100

39 51.9 41.1 61.7

67 64.1 50.4 75.6

52 25.4 20.3 30.5



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

80000

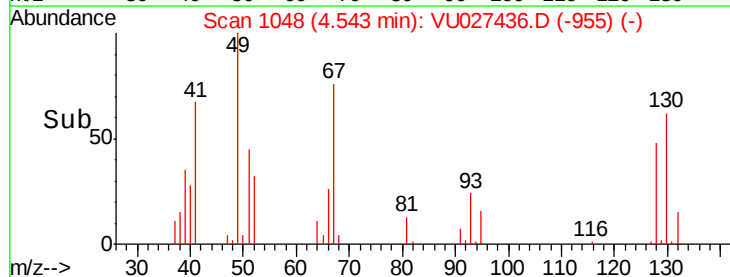
60000

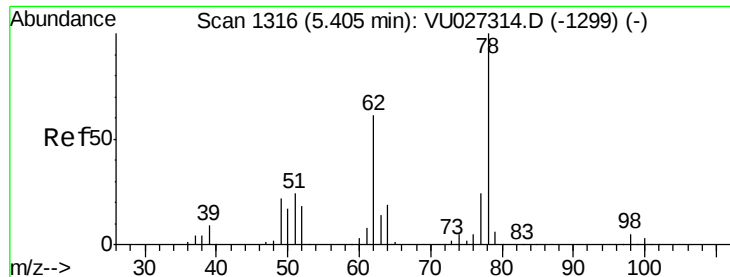
40000

20000

0

Time-->

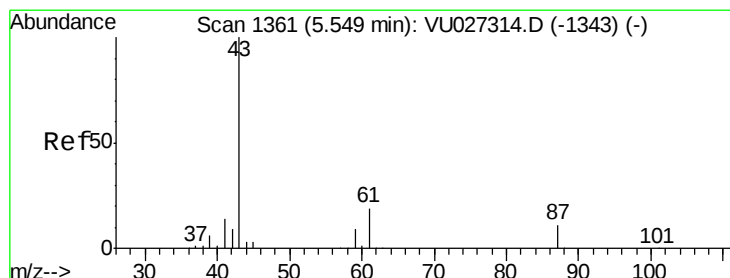
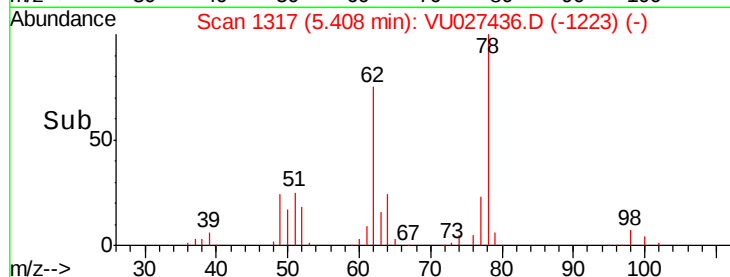
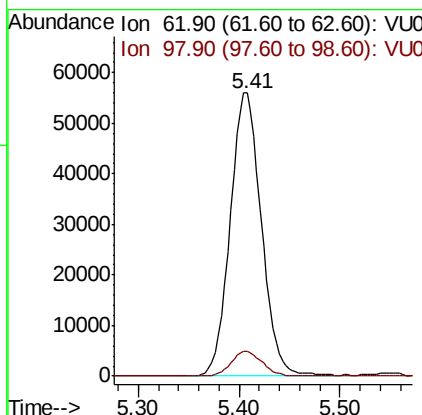
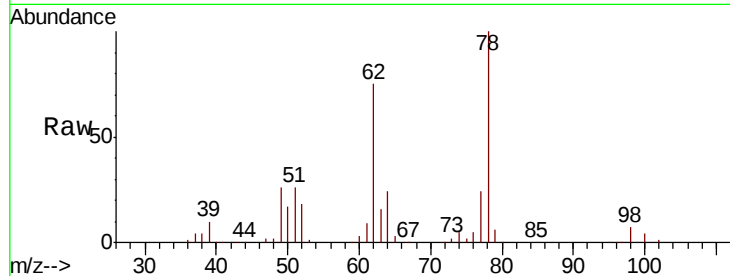




#42
 1,2-Dichloroethane
 Concen: 46.424 ug/l
 RT: 5.41 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

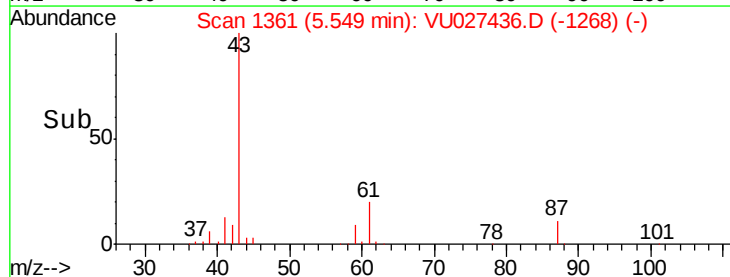
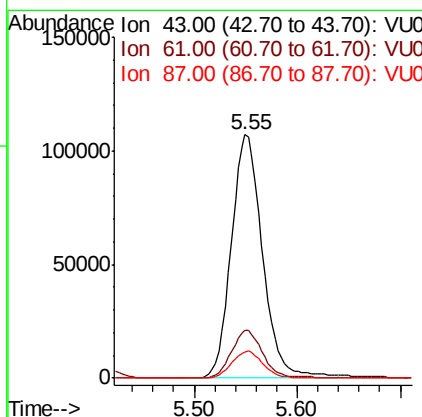
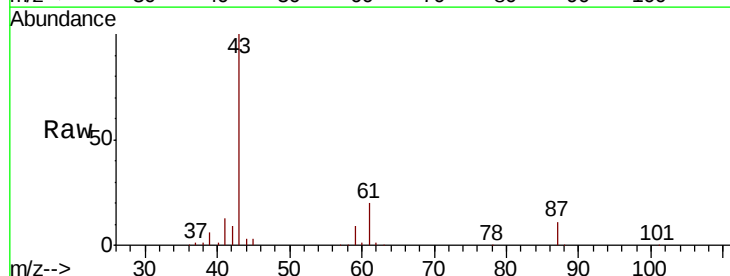
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

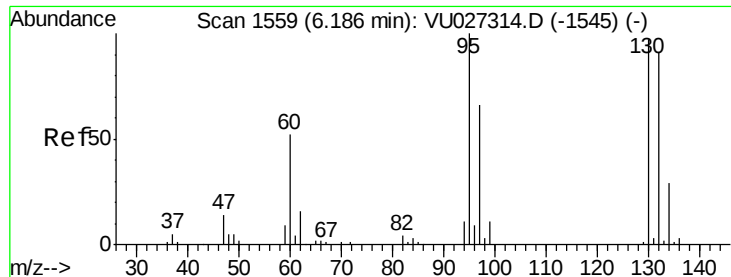
Tgt Ion: 62 Resp: 120326
 Ion Ratio Lower Upper
 62 100
 98 8.7 0.0 16.8



#43
 Isopropyl Acetate
 Concen: 46.700 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 43 Resp: 224704
 Ion Ratio Lower Upper
 43 100
 61 19.7 15.3 22.9
 87 11.2 8.6 13.0

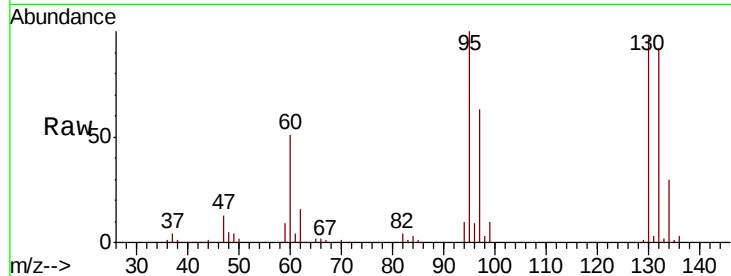




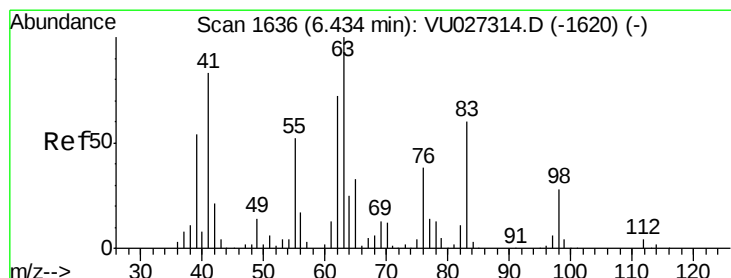
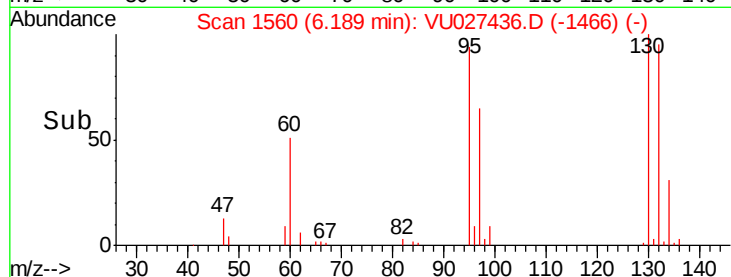
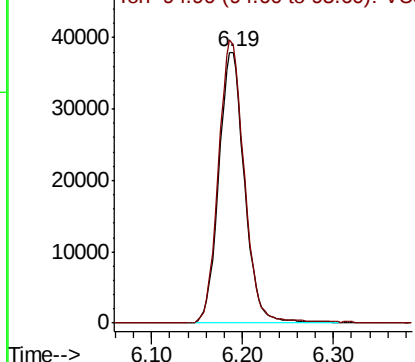
#44
 Trichloroethene
 Concen: 47.938 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Tgt Ion:130 Resp: 74640
 Ion Ratio Lower Upper
 130 100
 95 102.7 0.0 207.0

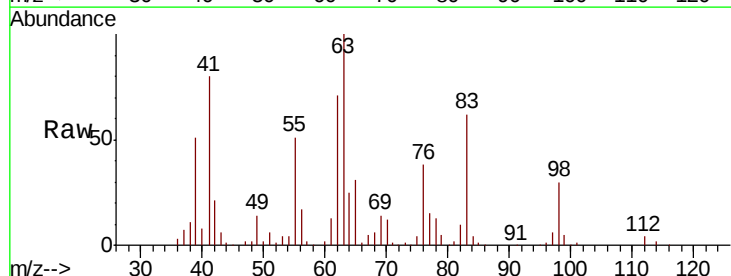


Abundance Ion 129.80 (129.50 to 130.50): VU027314.D (-1545) (-)
 Ion 94.90 (94.60 to 95.60): VU027436.D (-1466) (-)

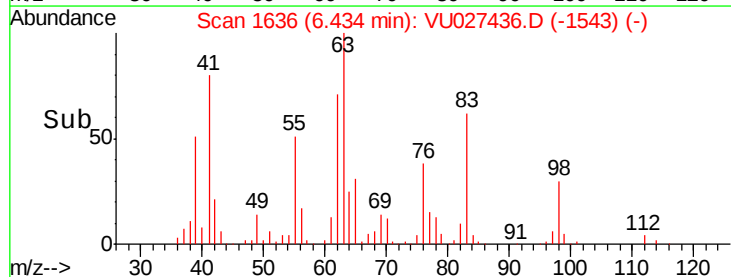
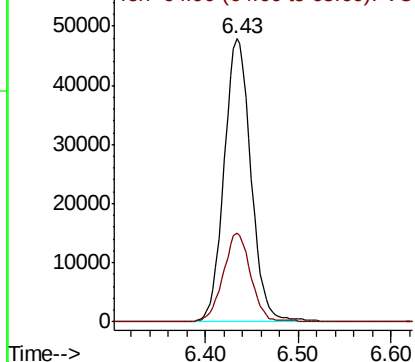


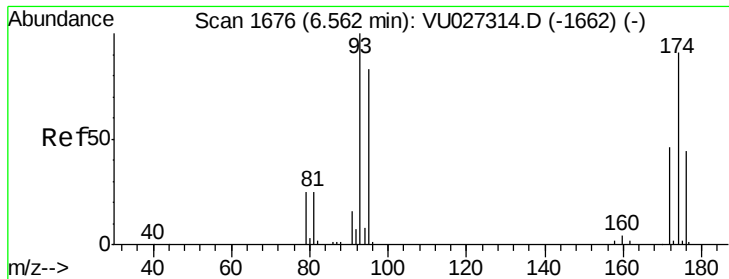
#45
 1,2-Dichloropropane
 Concen: 47.712 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 63 Resp: 96093
 Ion Ratio Lower Upper
 63 100
 65 31.2 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU027314.D (-1620) (-)
 Ion 64.90 (64.60 to 65.60): VU027436.D (-1543) (-)

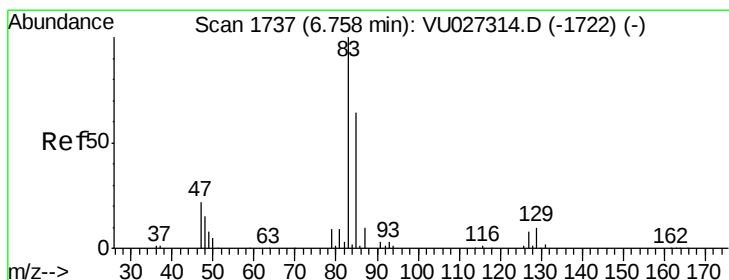
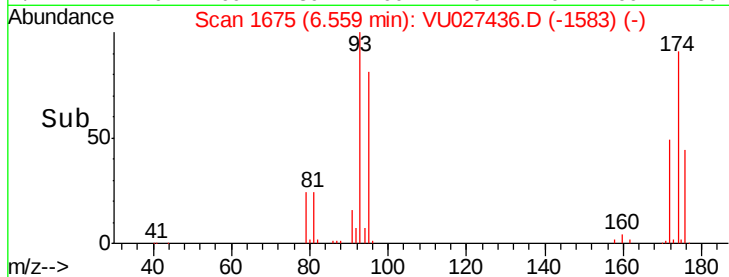
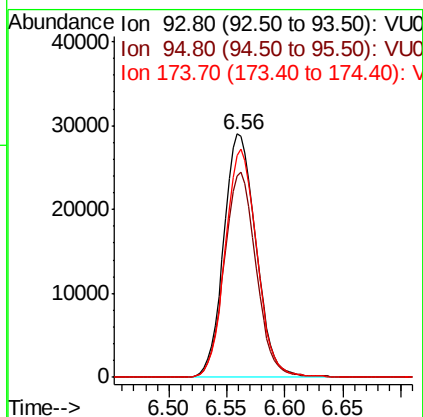
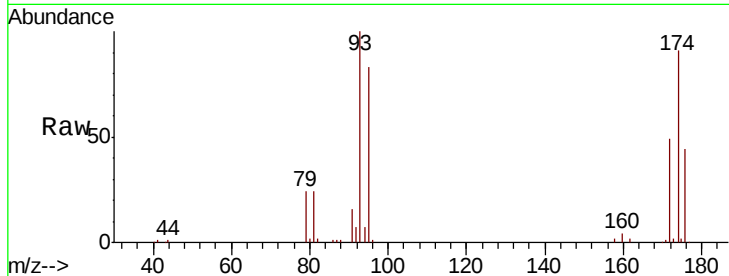




#46
Dibromomethane
Concen: 49.230 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

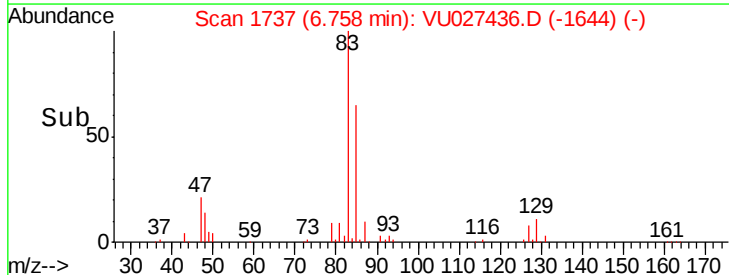
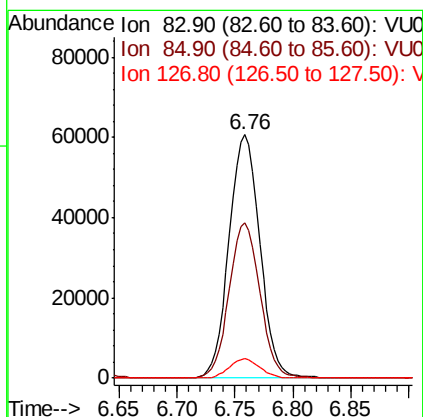
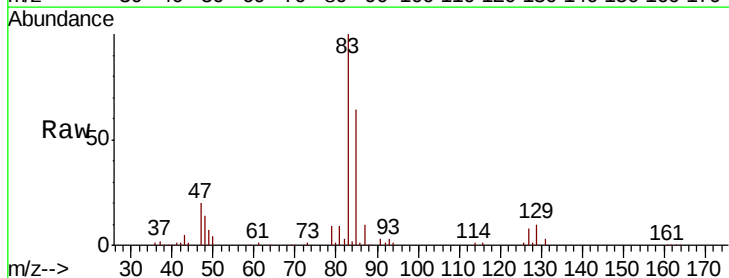
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

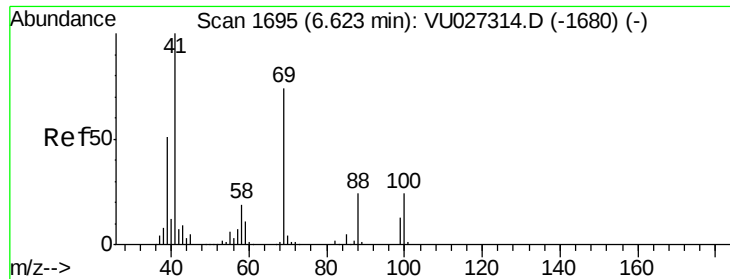
Tgt Ion: 93 Resp: 55999
Ion Ratio Lower Upper
93 100
95 83.1 66.5 99.7
174 91.7 72.5 108.7



#47
Bromodichloromethane
Concen: 47.589 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 83 Resp: 112323
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.0 6.3 9.5

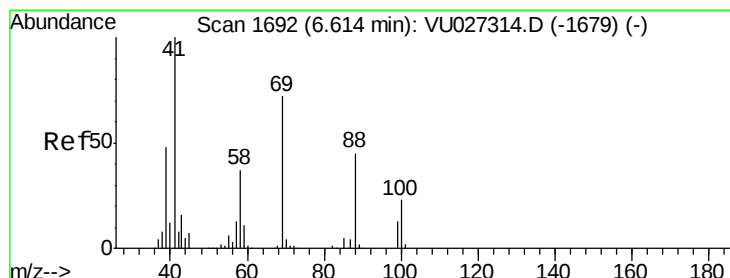
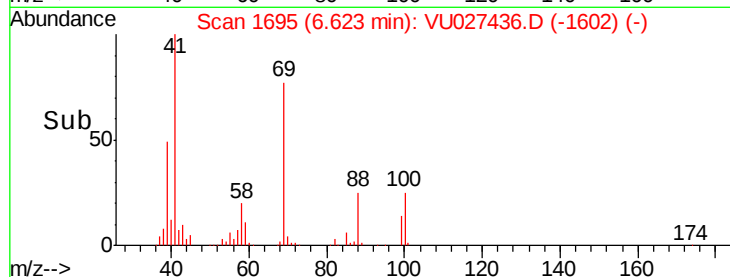
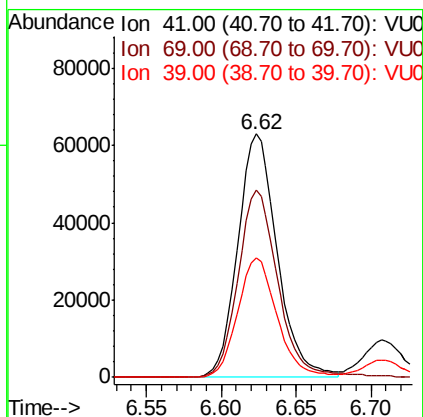
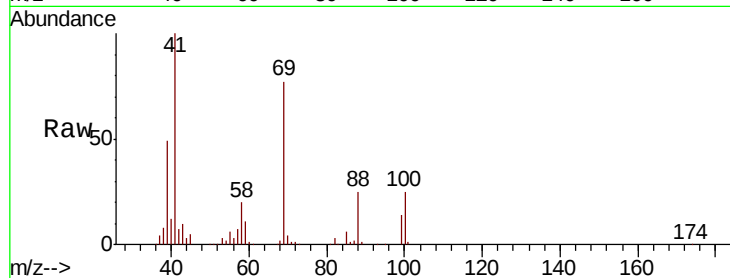




#48
Methyl methacrylate
Concen: 48.279 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

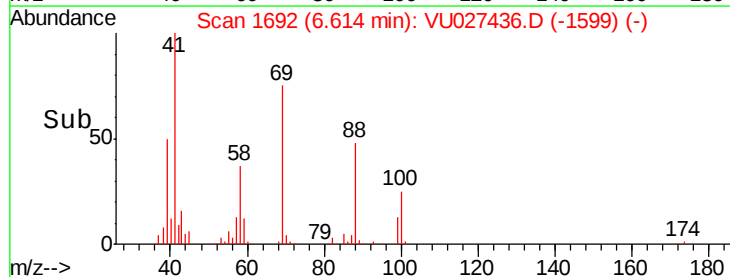
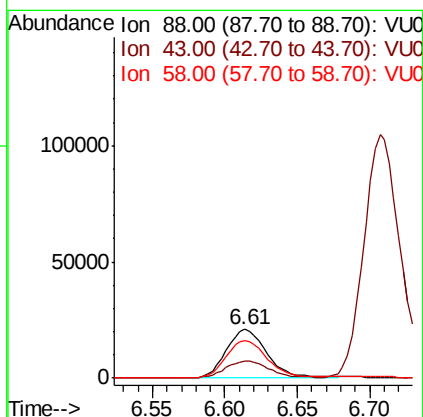
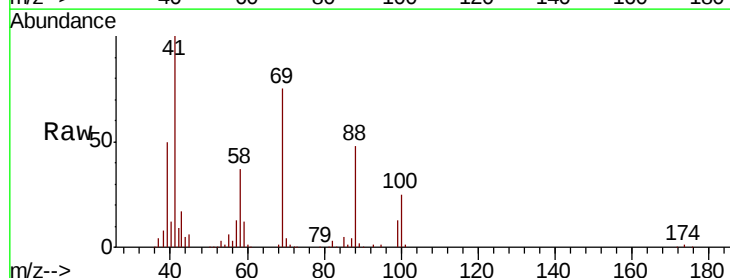
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

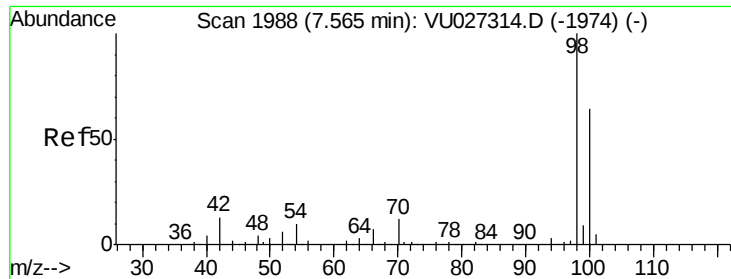
Tgt Ion: 41 Resp: 11521
Ion Ratio Lower Upper
41 100
69 78.0 61.0 91.4
39 49.1 39.9 59.9



#49
1,4-Dioxane
Concen: 972.687 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 88 Resp: 40045
Ion Ratio Lower Upper
88 100
43 38.3 30.8 46.2
58 80.9 67.0 100.6





#50

Toluene-d8

Concen: 47.105 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

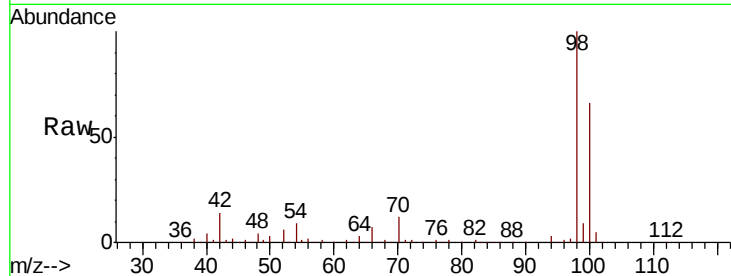
EP-MW-H-092718MS

Tgt Ion: 98 Resp: 266752

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

150000

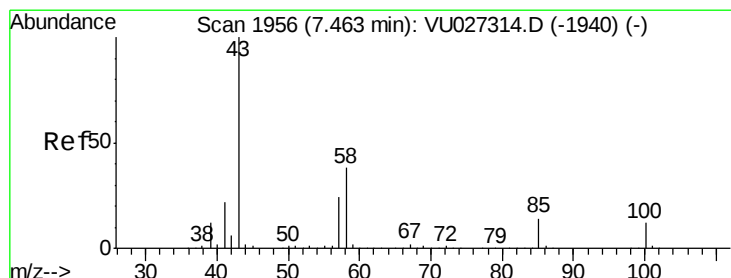
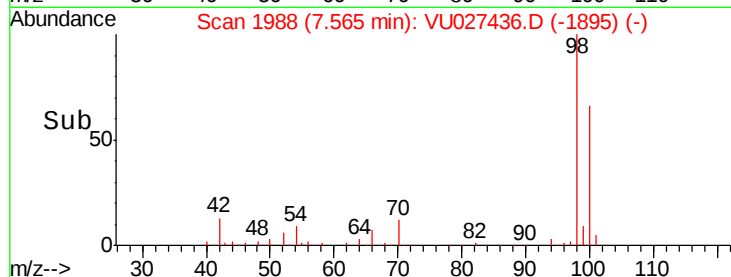
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 251.353 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027436.D

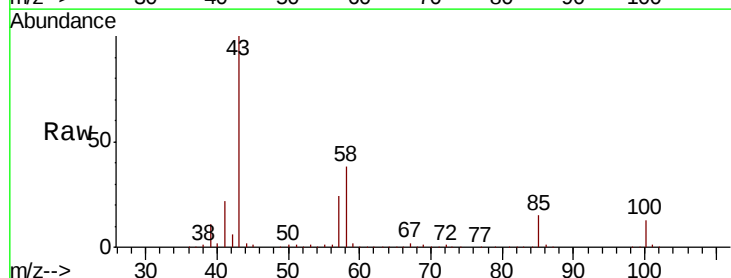
Acq: 05 Oct 2018 02:13

Tgt Ion: 43 Resp: 785898

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.46

500000

400000

300000

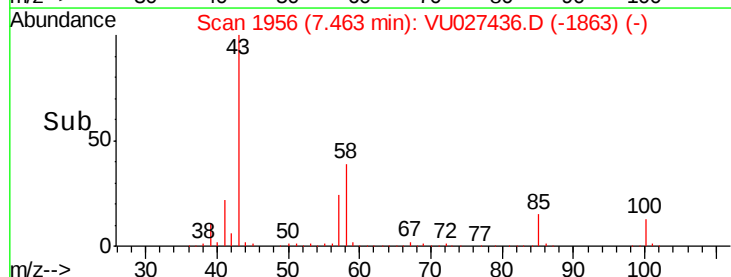
200000

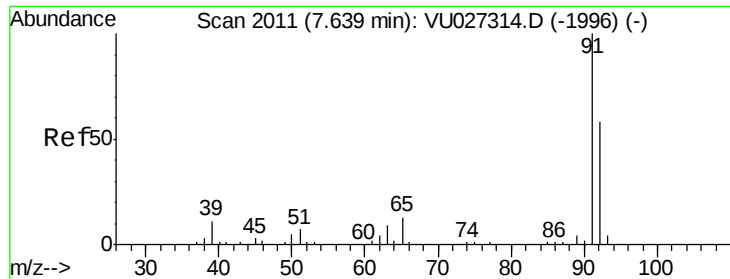
100000

0

7.40 7.50 7.60

Time-->





#52

Toluene

Concen: 47.687 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

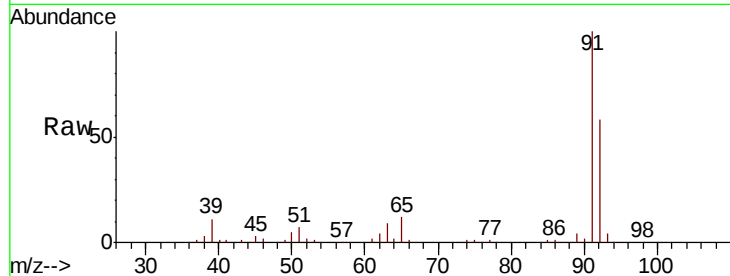
EP-MW-H-092718MS

Tgt Ion: 92 Resp: 197089

Ion Ratio Lower Upper

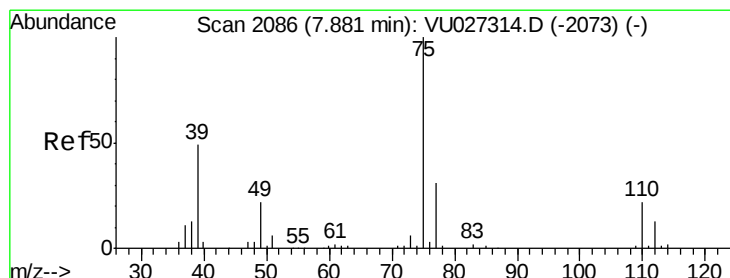
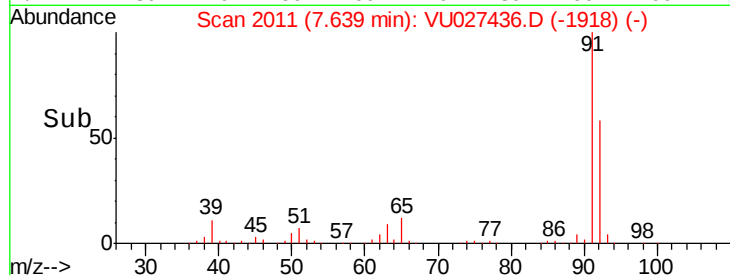
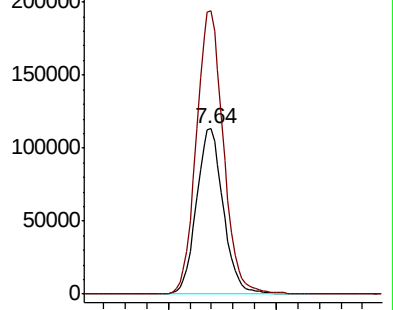
92 100

91 172.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#53

t-1,3-Dichloropropene

Concen: 46.508 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. -0.00 min

Lab File: VU027436.D

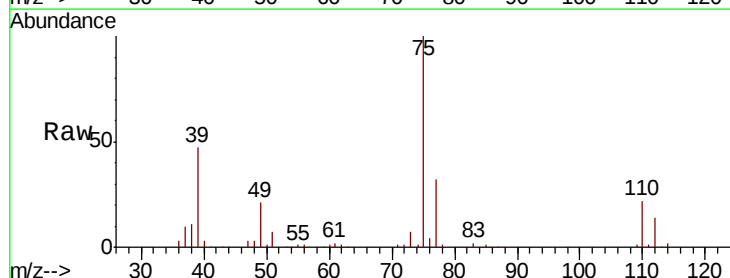
Acq: 05 Oct 2018 02:13

Tgt Ion: 75 Resp: 128705

Ion Ratio Lower Upper

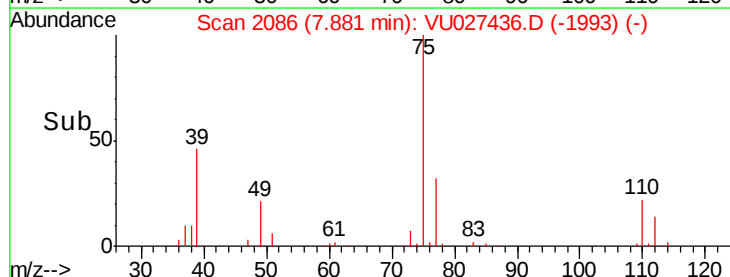
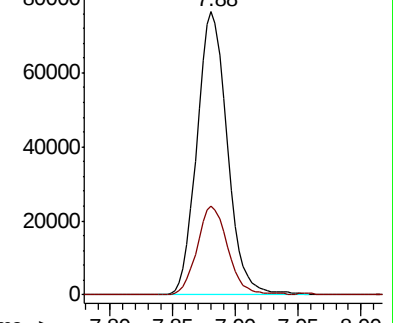
75 100

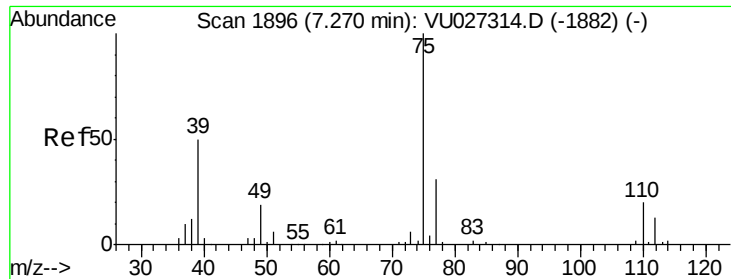
77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



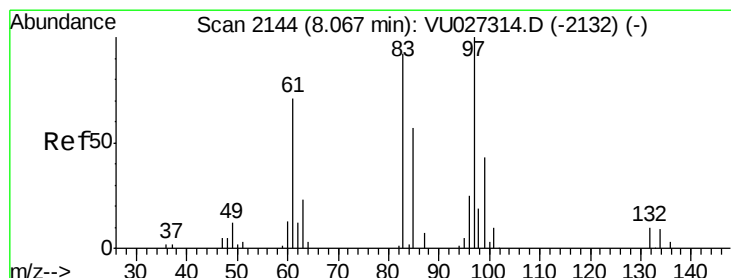
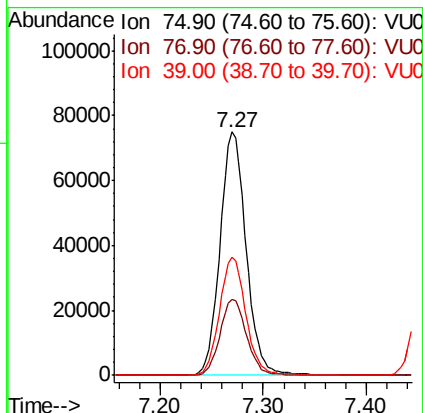
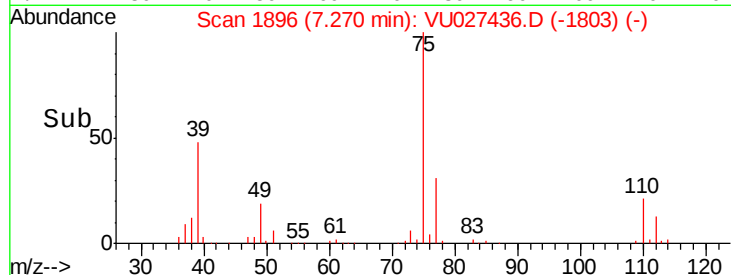
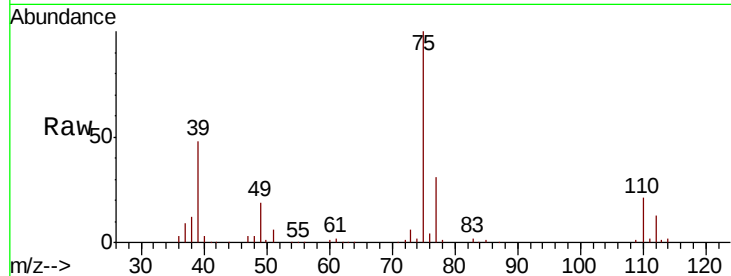


#54

cis-1,3-Dichloropropene
Concen: 44.370 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

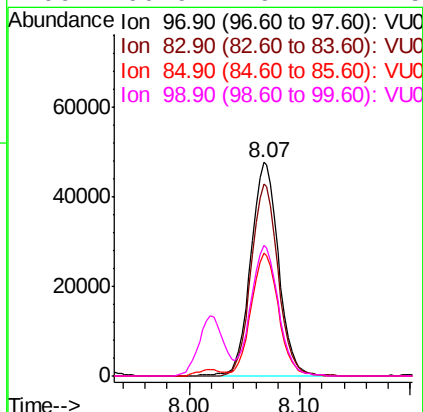
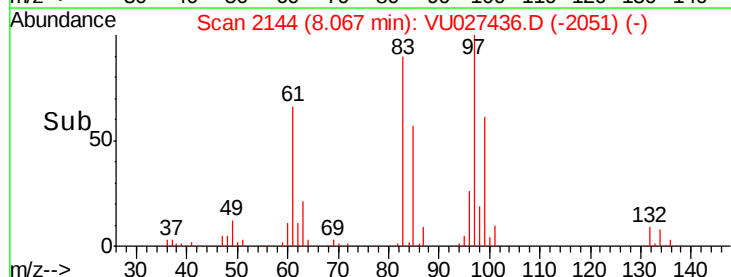
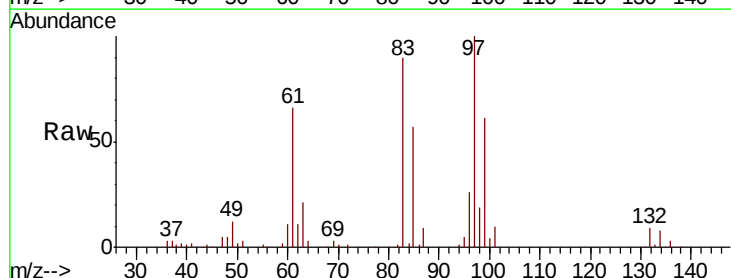
Tgt Ion: 75 Resp: 132002
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 48.3 40.1 60.1

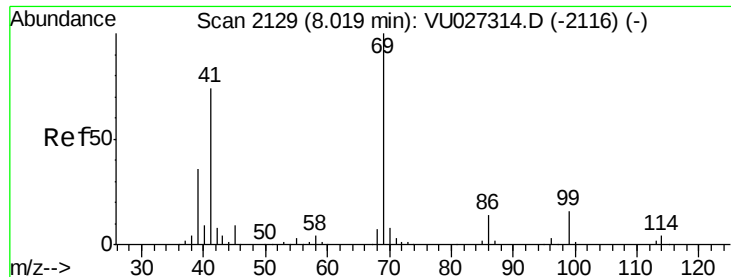


#55

1,1,2-Trichloroethane
Concen: 50.667 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 97 Resp: 83025
Ion Ratio Lower Upper
97 100
83 90.0 73.0 109.6
85 57.1 47.3 70.9
99 60.9 49.7 74.5

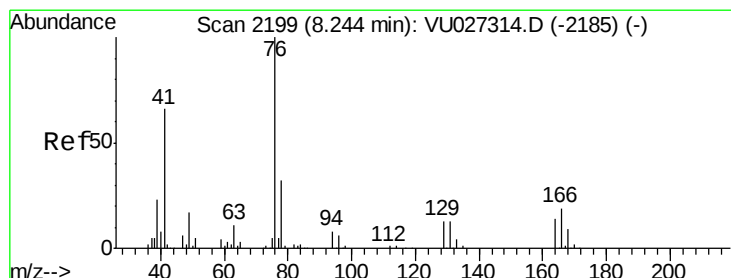
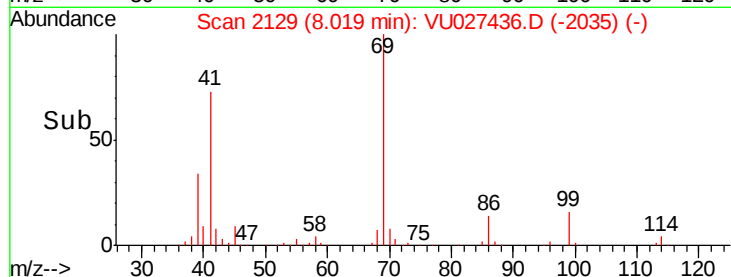
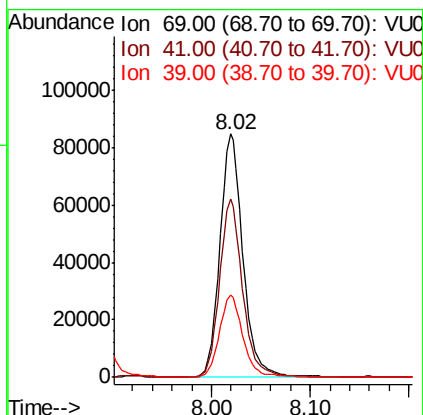
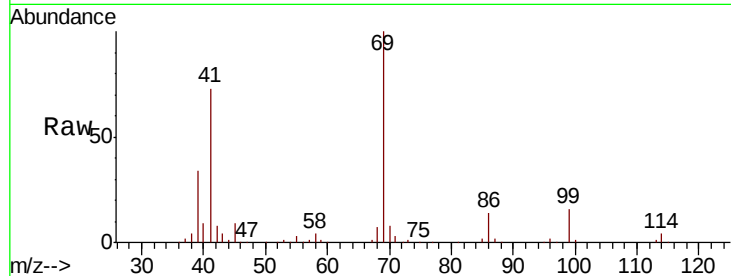




#56
Ethyl methacrylate
Concen: 44.490 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

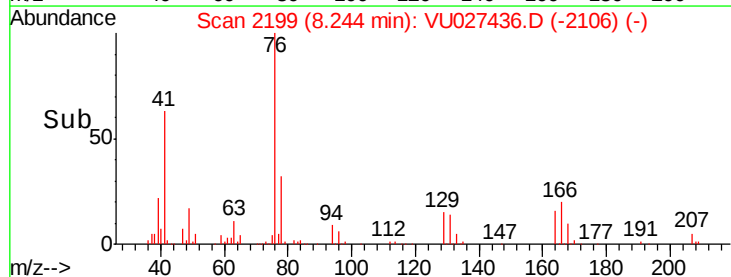
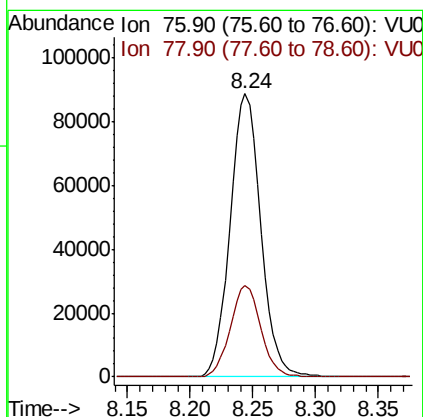
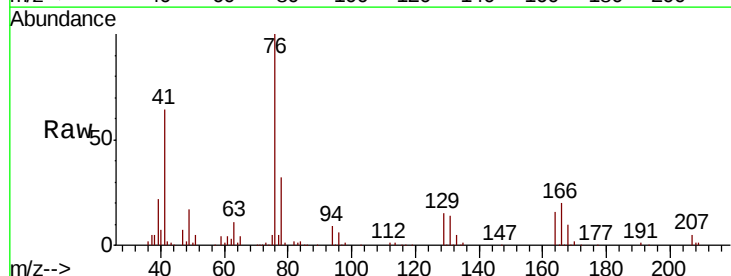
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

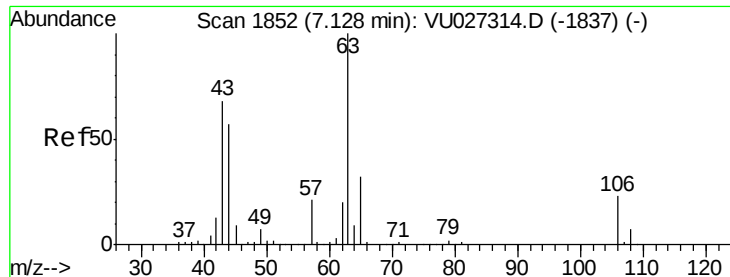
Tgt Ion: 69 Resp: 138788
Ion Ratio Lower Upper
69 100
41 73.6 60.0 90.0
39 34.1 29.5 44.3



#57
1,3-Dichloropropane
Concen: 47.359 ug/l
RT: 8.24 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 76 Resp: 150651
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

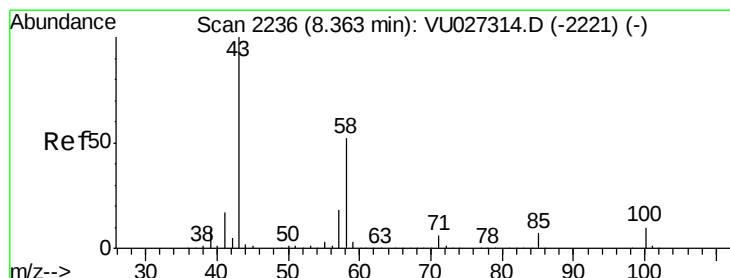
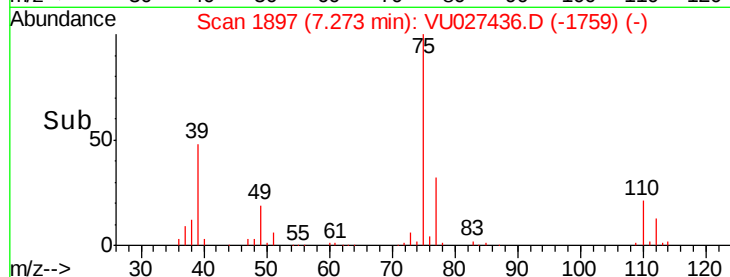
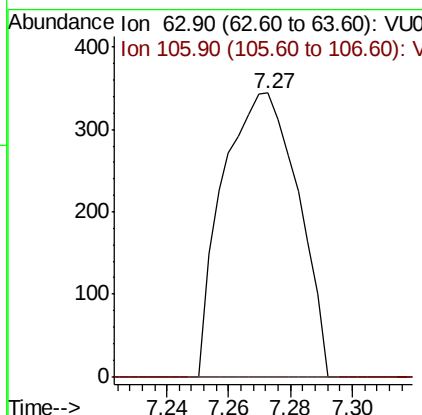
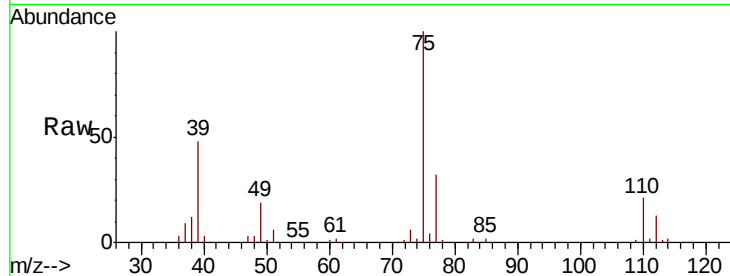




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.557 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.14 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

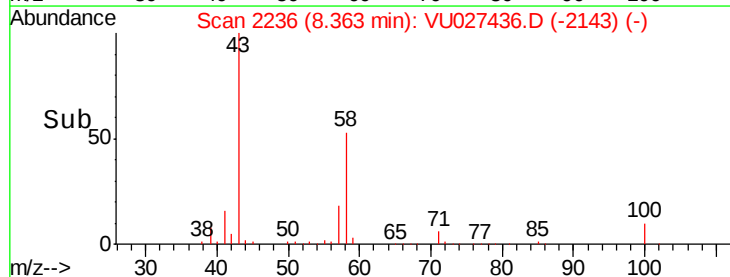
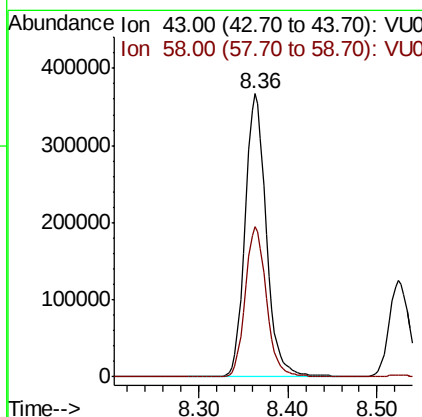
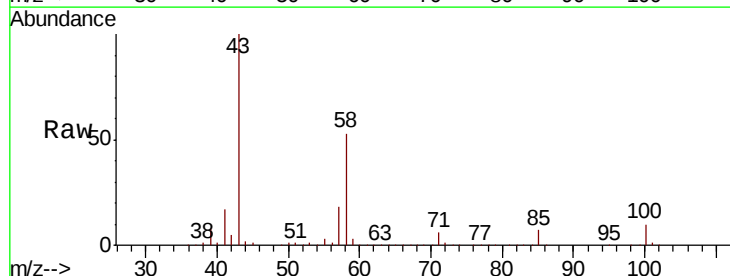
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

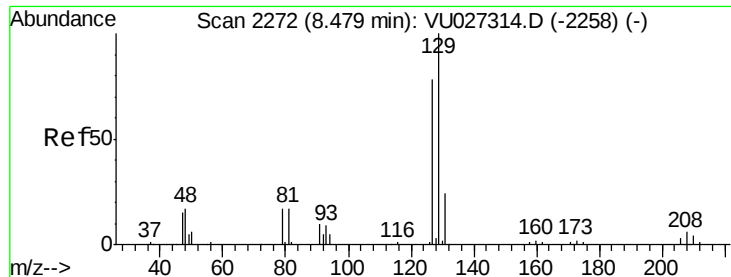
Tgt Ion: 63 Resp: 582
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.5 27.7#



#59
 2-Hexanone
 Concen: 249.495 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 43 Resp: 605133
 Ion Ratio Lower Upper
 43 100
 58 53.4 26.1 78.3





#60

Dibromochloromethane

Concen: 49.277 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

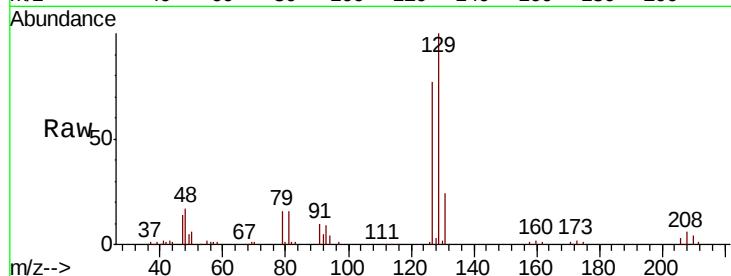
EP-MW-H-092718MS

Tgt Ion:129 Resp: 80986

Ion Ratio Lower Upper

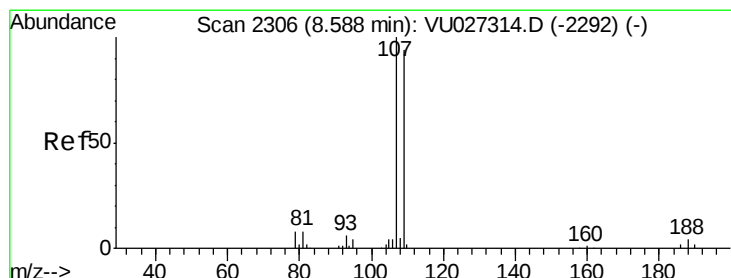
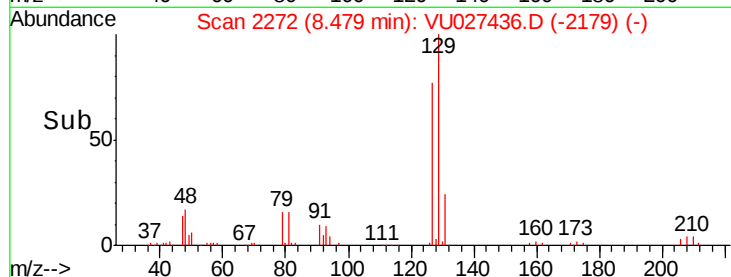
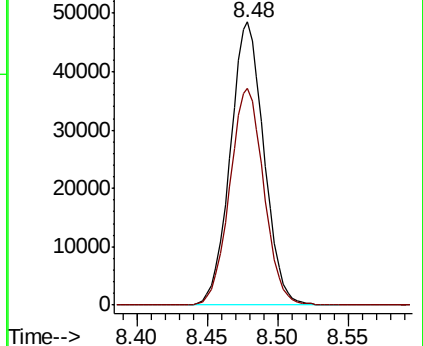
129 100

127 77.4 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.627 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027436.D

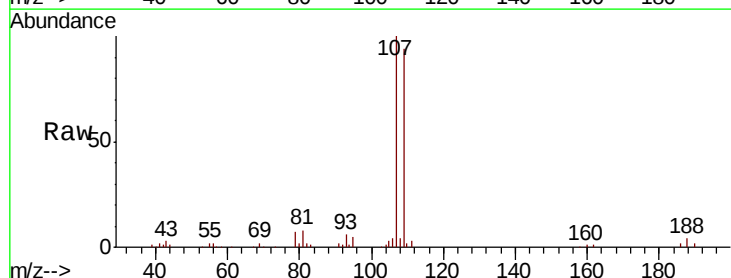
Acq: 05 Oct 2018 02:13

Tgt Ion:107 Resp: 84721

Ion Ratio Lower Upper

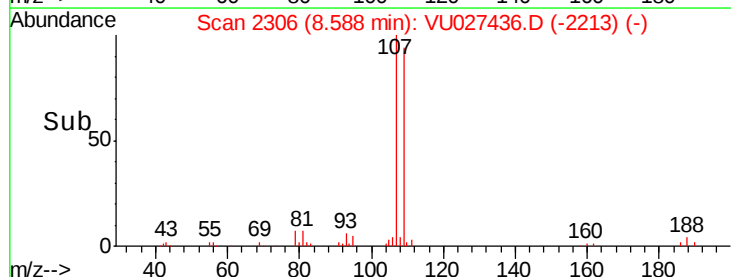
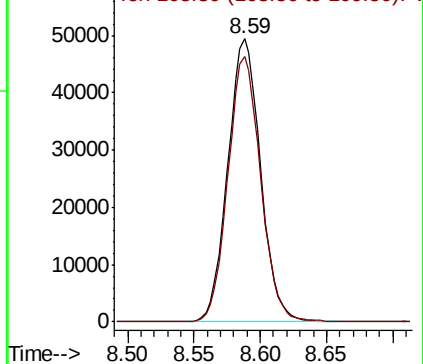
107 100

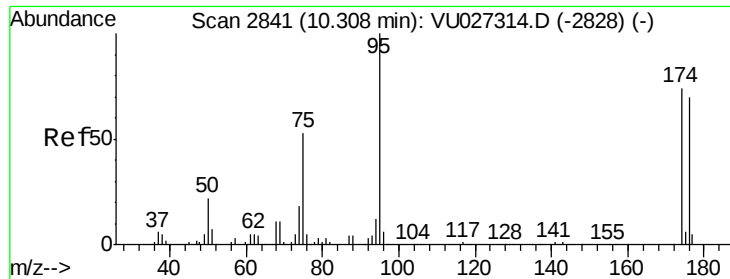
109 93.7 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

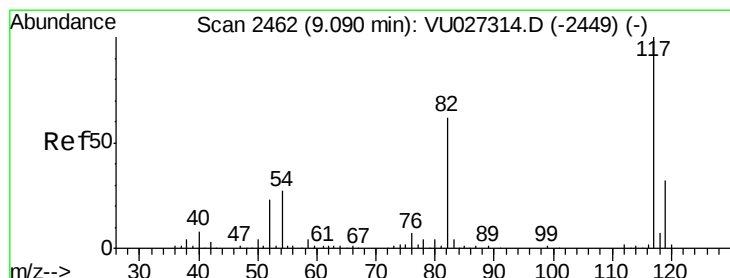
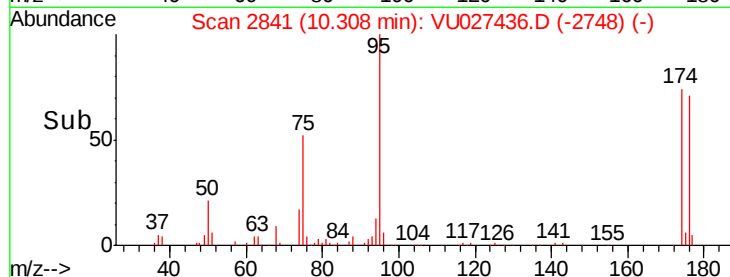
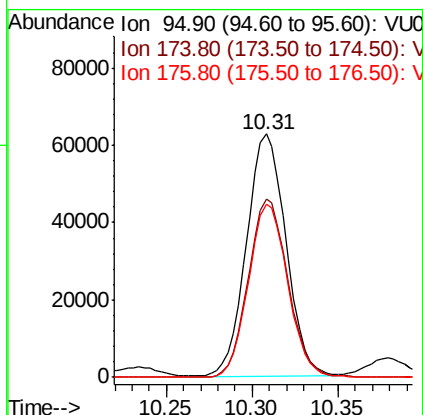
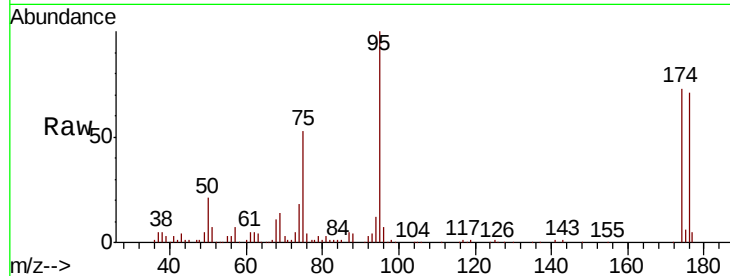




#62
 4-Bromofluorobenzene
 Concen: 47.629 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

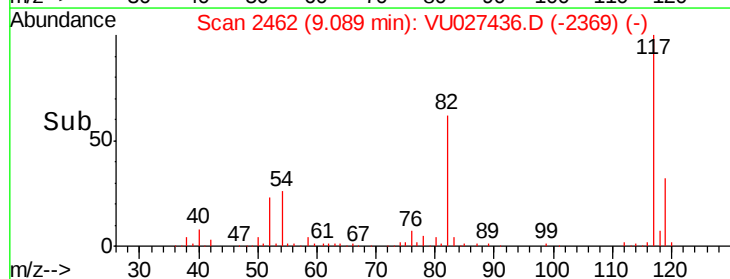
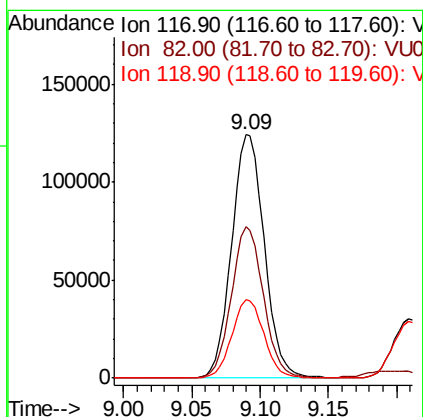
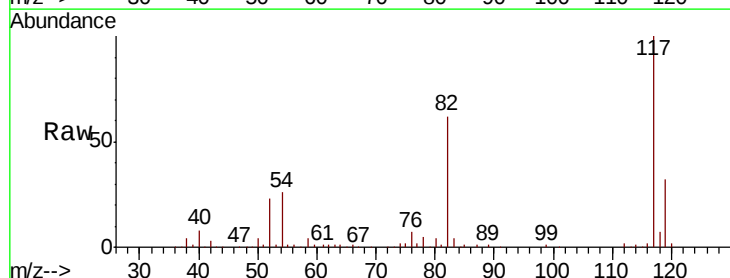
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

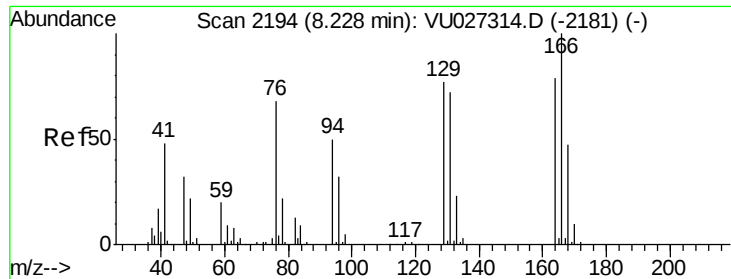
Tgt Ion: 95 Resp: 100237
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 147.8
 176 70.9 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 117 Resp: 207101
 Ion Ratio Lower Upper
 117 100
 82 61.8 49.2 73.8
 119 32.2 25.7 38.5





#64

Tetrachloroethene

Concen: 46.008 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

Tgt Ion:164 Resp: 59315

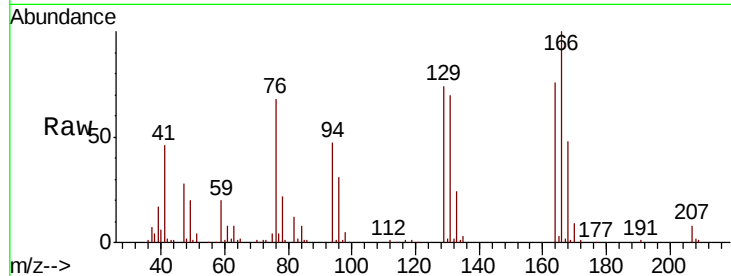
Ion Ratio Lower Upper

164 100

166 131.1 101.0 151.6

129 96.4 78.0 117.0

131 92.2 72.6 109.0

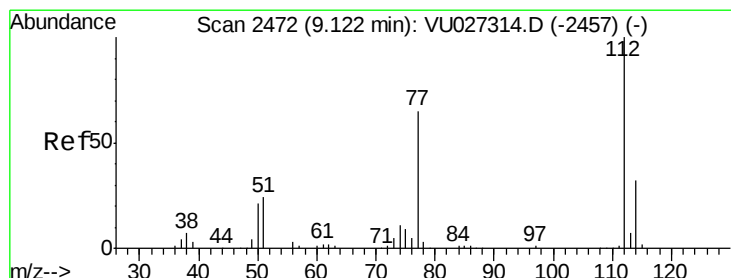
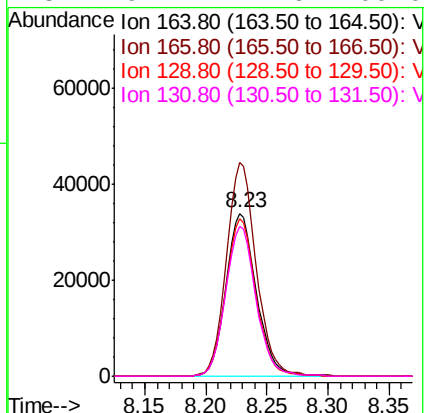
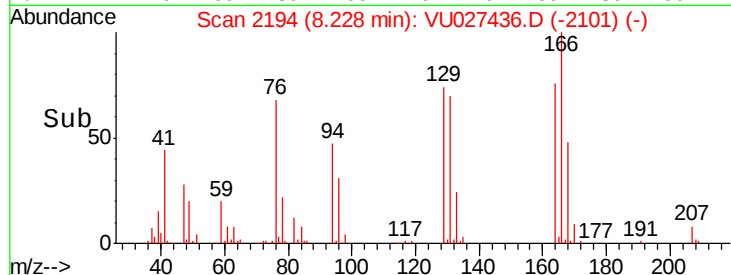


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.105 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027436.D

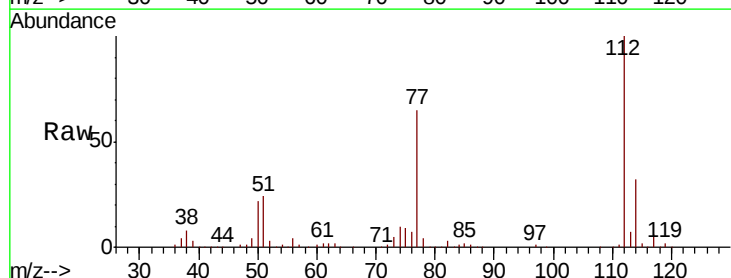
Acq: 05 Oct 2018 02:13

Tgt Ion:112 Resp: 209706

Ion Ratio Lower Upper

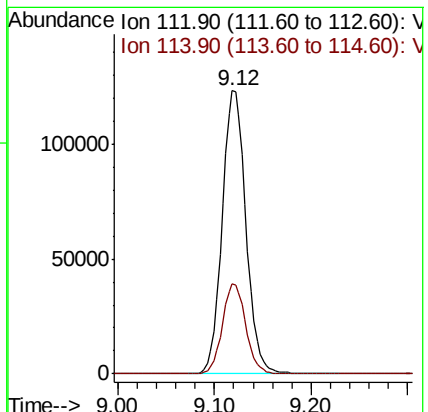
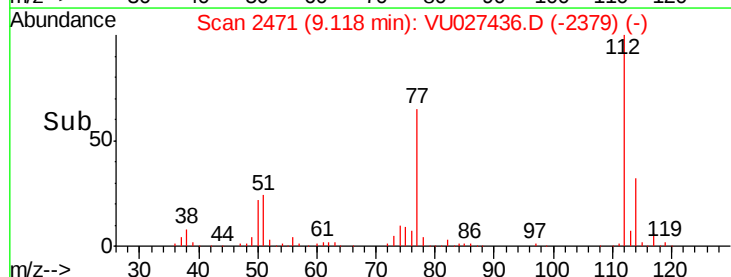
112 100

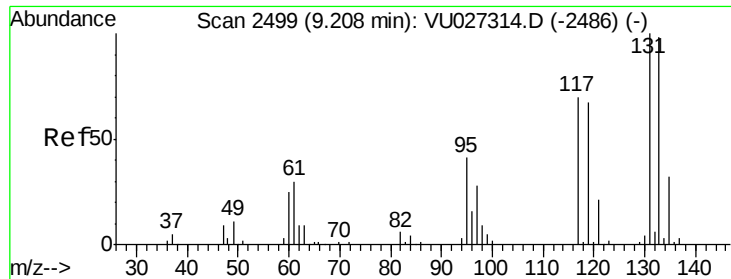
114 31.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

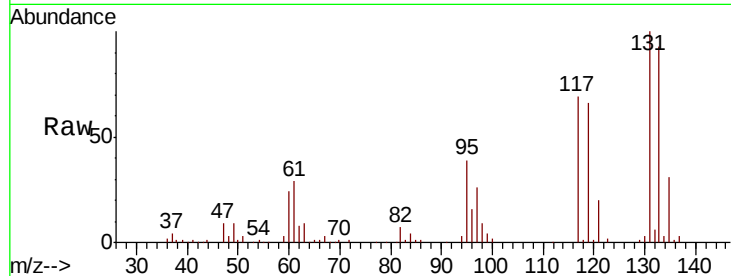




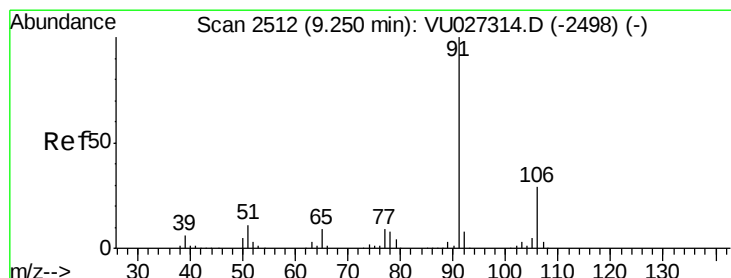
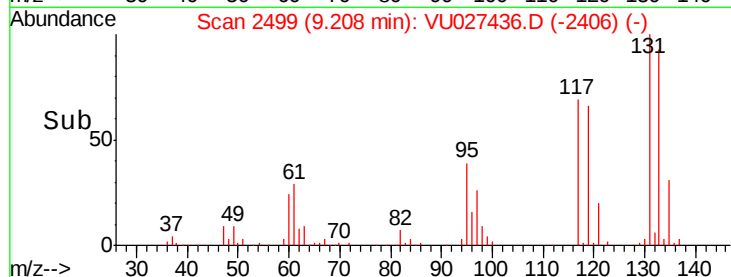
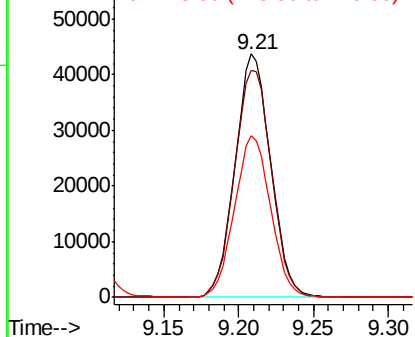
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.191 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Tgt Ion:131 Resp: 72523
 Ion Ratio Lower Upper
 131 100
 133 96.6 48.5 145.6
 119 67.1 33.5 100.4

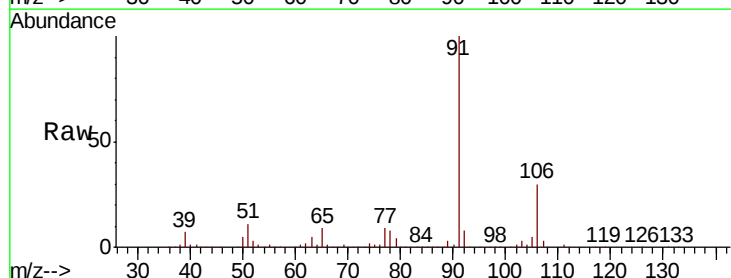


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

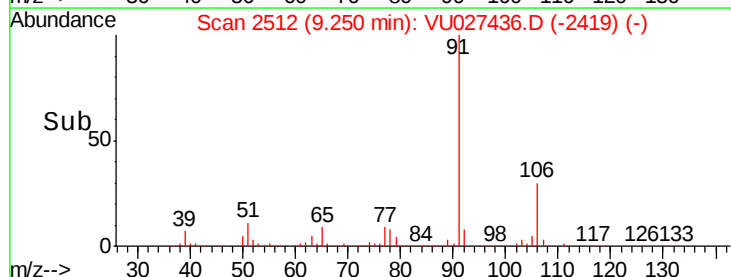
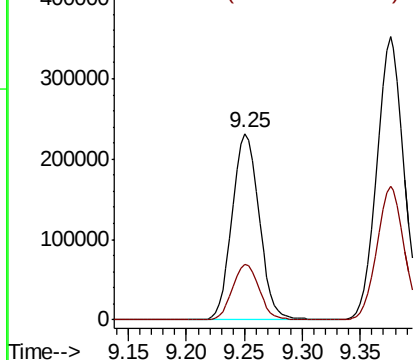


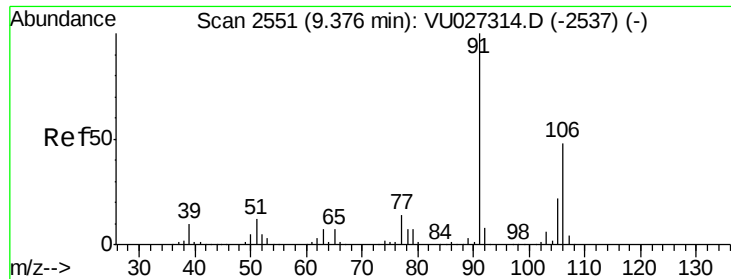
#67
 Ethyl Benzene
 Concen: 48.684 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 91 Resp: 376011
 Ion Ratio Lower Upper
 91 100
 106 29.7 23.6 35.4



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

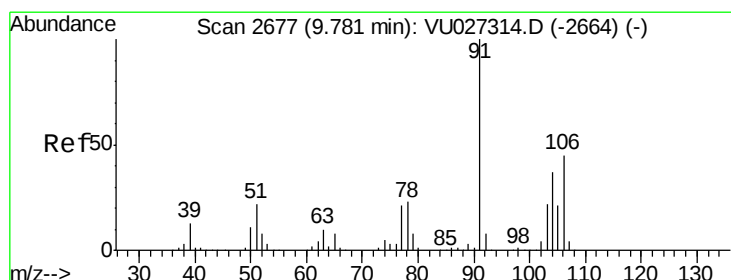
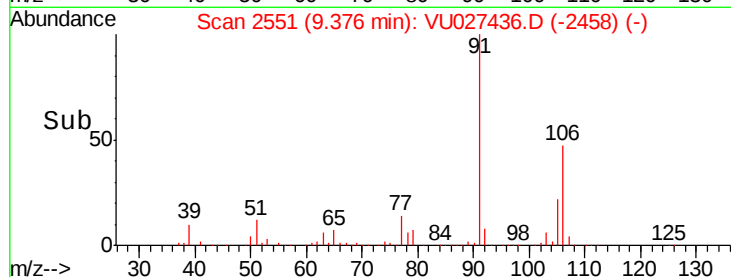
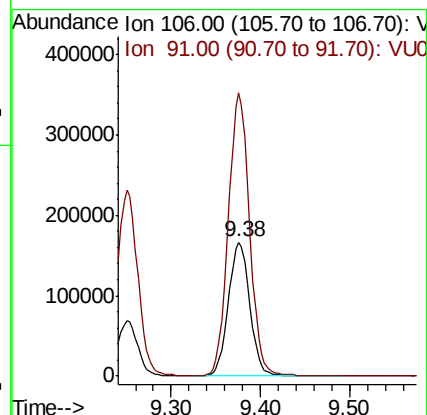
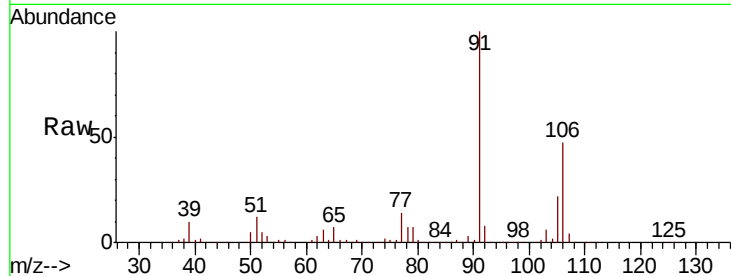




#68
m/p-Xylenes
Concen: 98.127 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

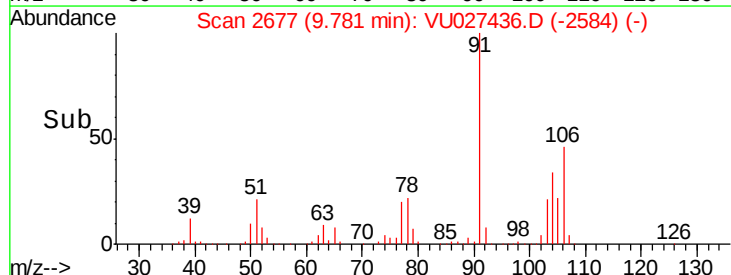
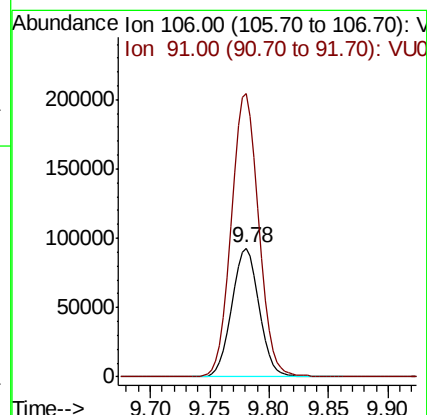
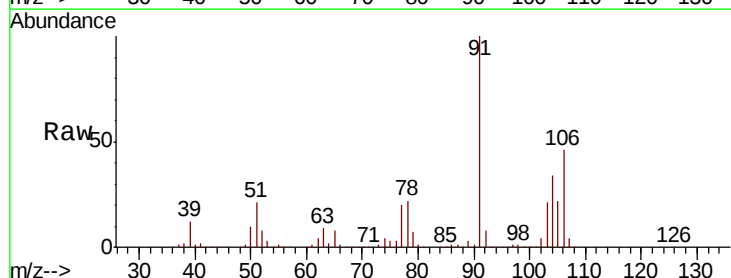
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

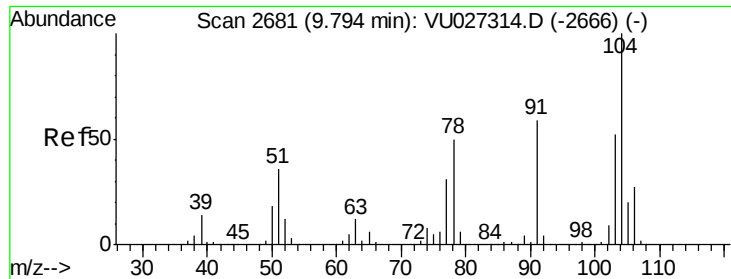
Tgt Ion:106 Resp: 277222
Ion Ratio Lower Upper
106 100
91 209.4 168.1 252.1



#69
o-Xylene
Concen: 55.087 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion:106 Resp: 147892
Ion Ratio Lower Upper
106 100
91 220.4 111.7 334.9

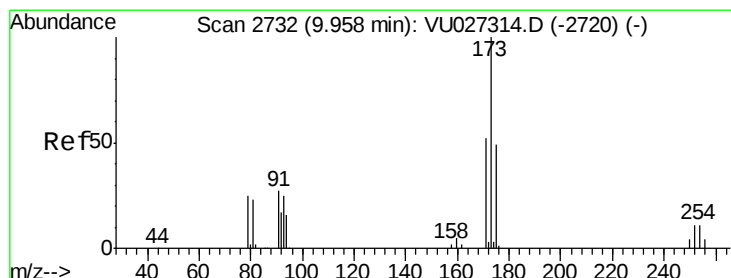
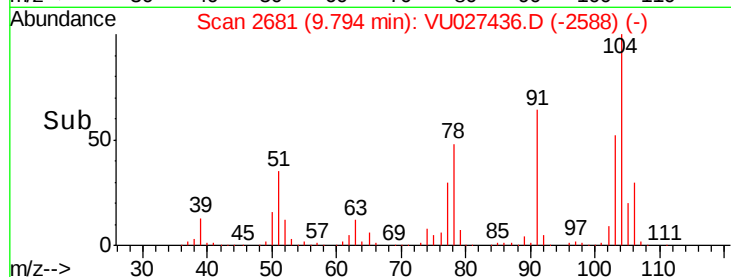
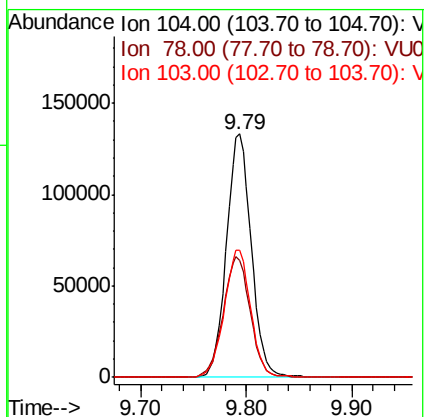
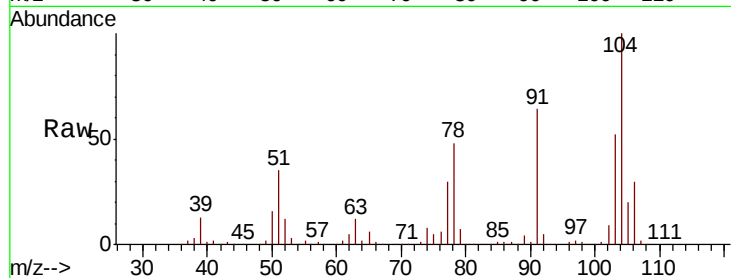




#70
Styrene
Concen: 43.431 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

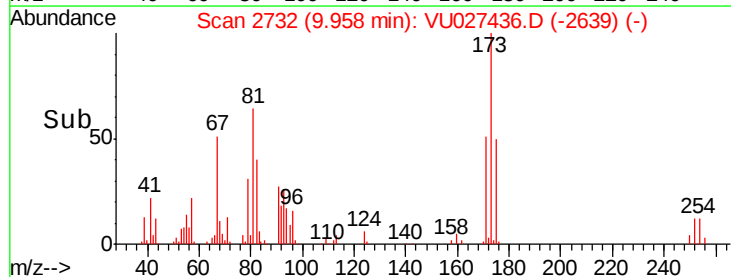
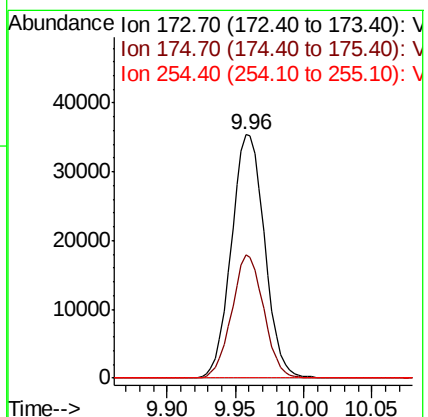
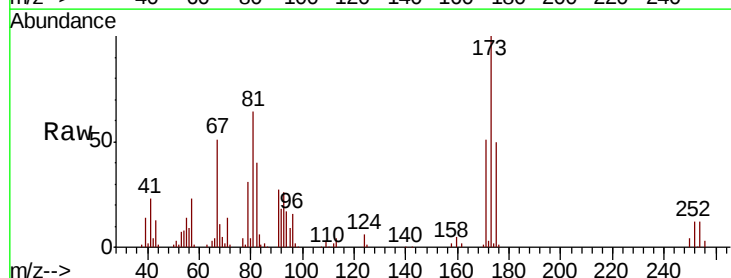
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

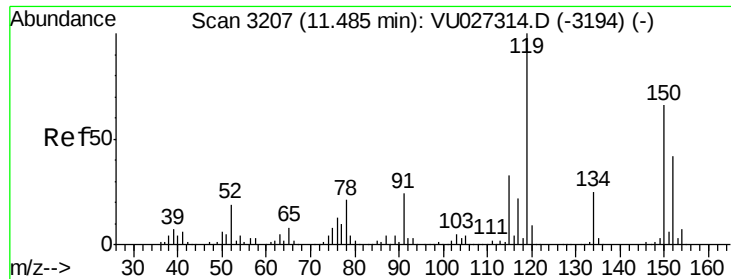
Tgt Ion:104 Resp: 216369
Ion Ratio Lower Upper
104 100
78 54.0 42.9 64.3
103 55.7 43.9 65.9



#71
Bromoform
Concen: 49.471 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion:173 Resp: 59899
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0



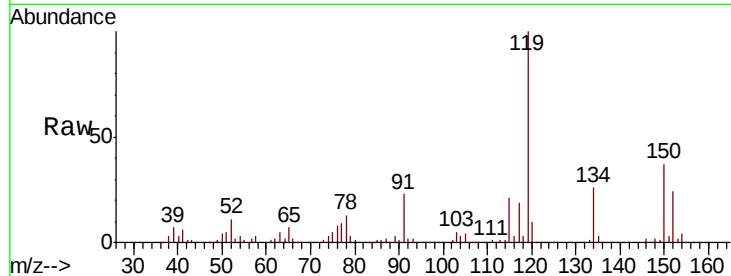


#72

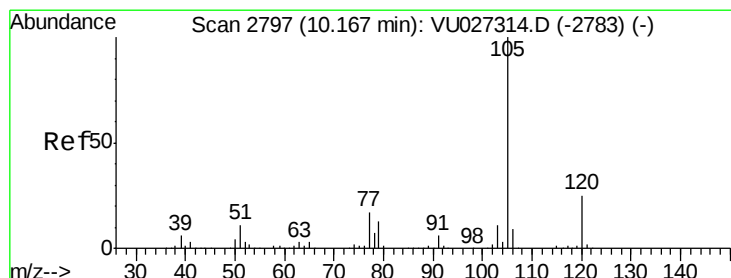
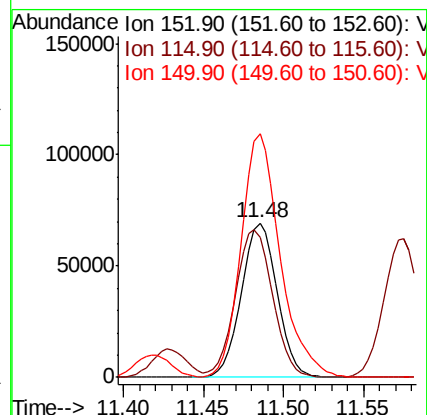
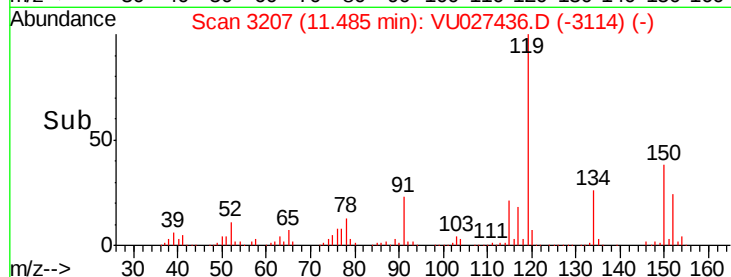
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

Tgt Ion:152 Resp: 105012
Ion Ratio Lower Upper
152 100
115 99.9 43.4 130.2
150 172.8 0.0 349.2



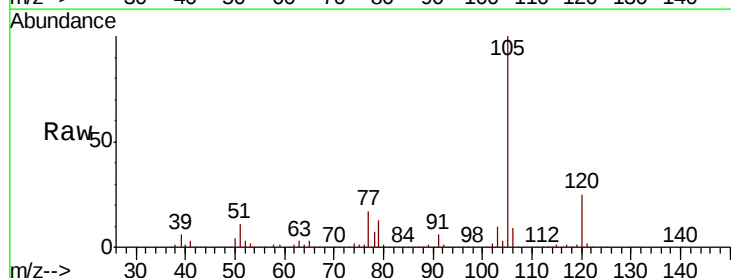
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



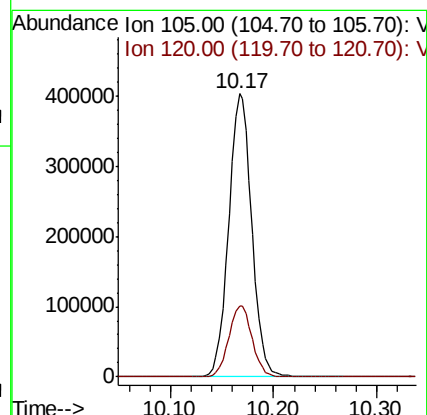
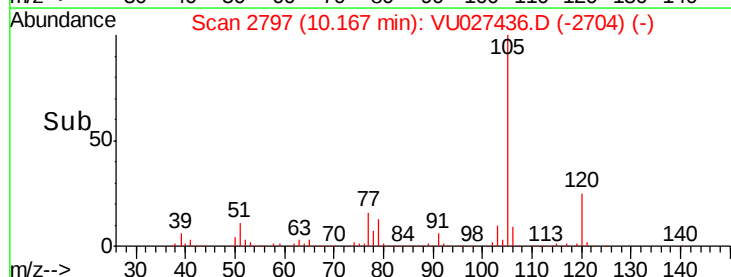
#73

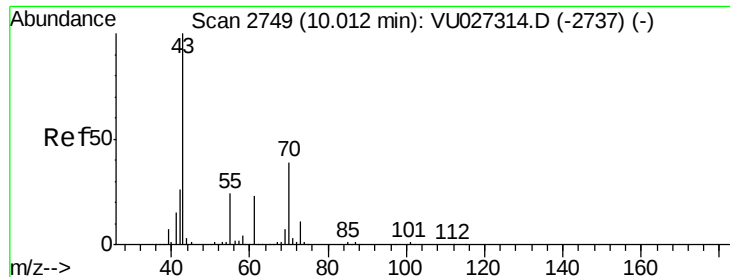
Isopropylbenzene
Concen: 81.919 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion:105 Resp: 624789
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8



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





#74

N-ethyl acetate

Concen: 47.178 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

Tgt Ion: 43 Resp: 205992

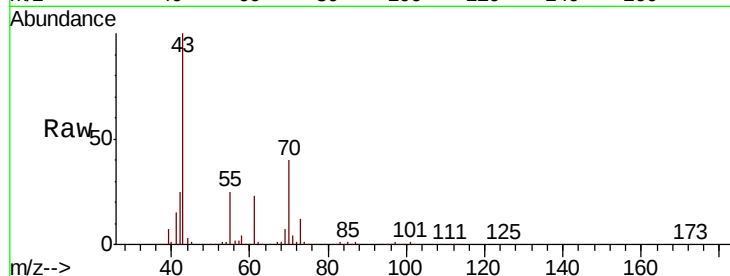
Ion Ratio Lower Upper

43 100

70 41.3 31.3 46.9

55 25.1 19.0 28.6

61 22.9 18.5 27.7

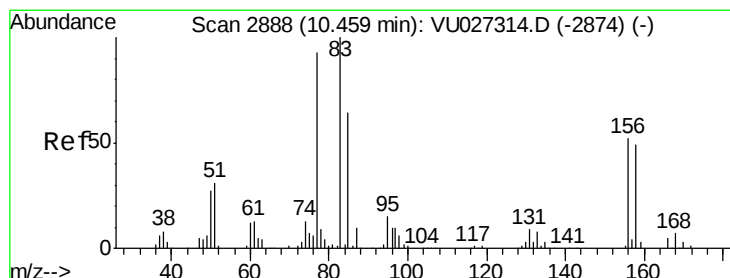
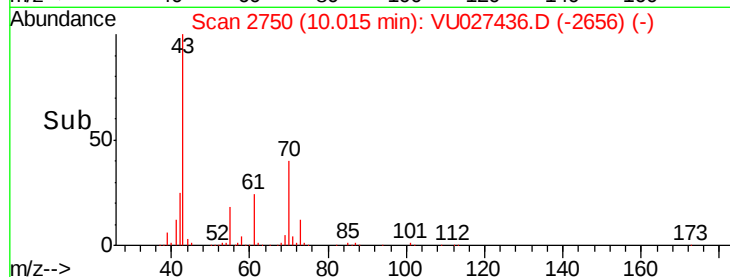
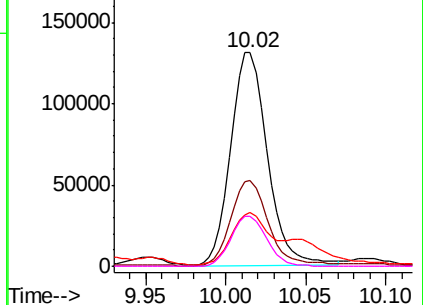


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.818 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

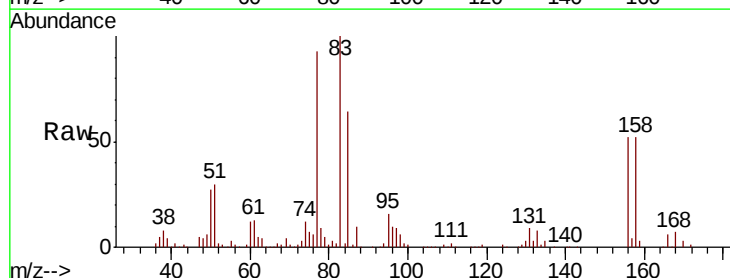
Tgt Ion: 83 Resp: 146197

Ion Ratio Lower Upper

83 100

131 8.2 4.4 13.2

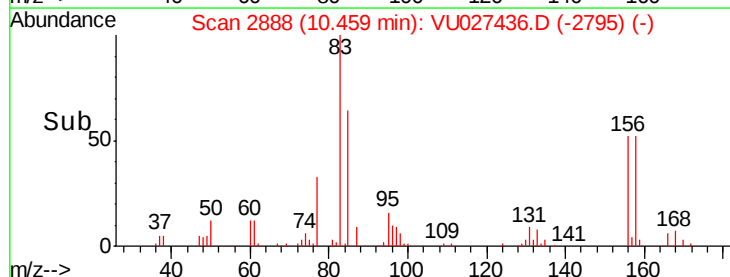
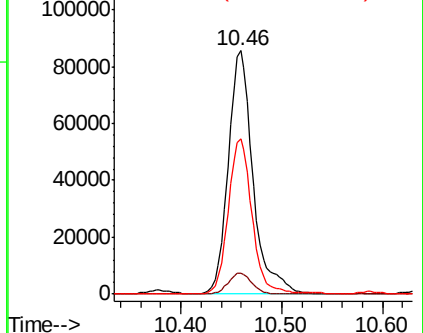
85 61.3 32.0 96.0

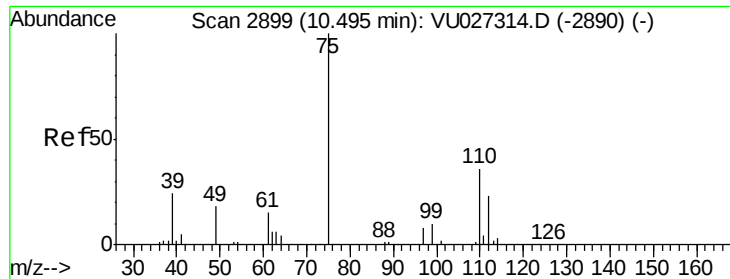


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0

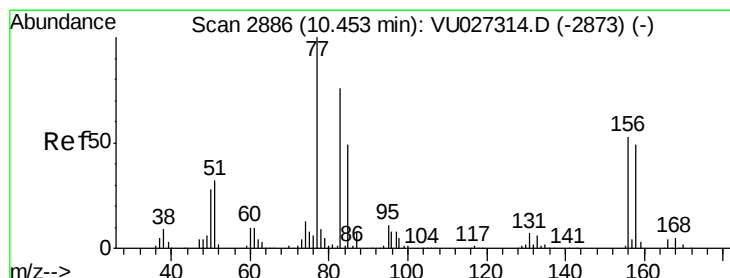
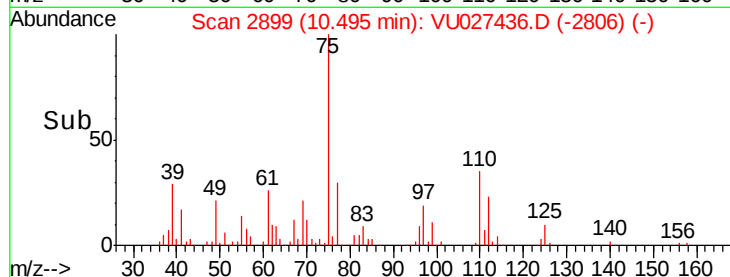
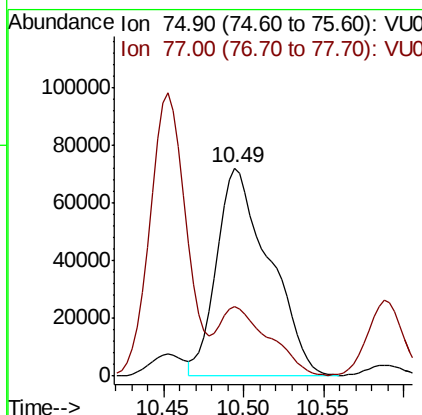
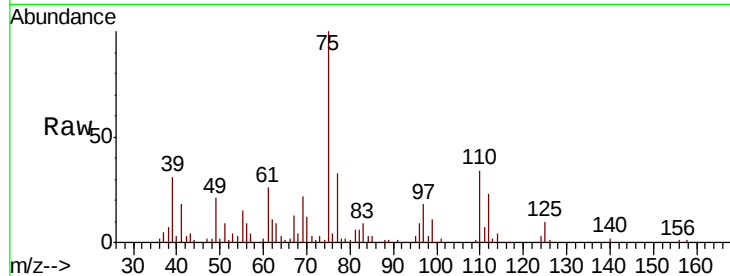




#76
 1,2,3-Trichloropropane
 Concen: 59.954 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

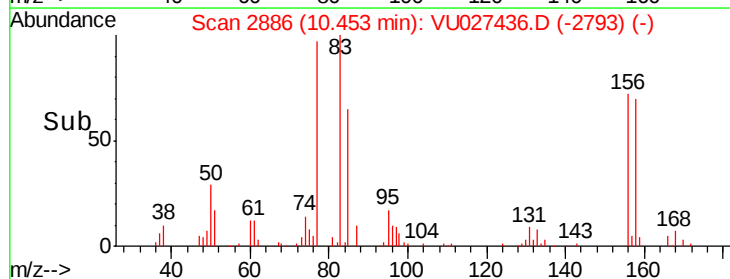
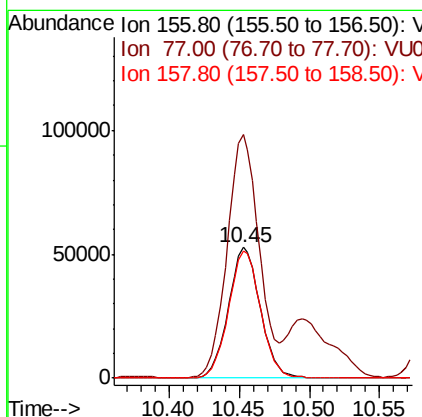
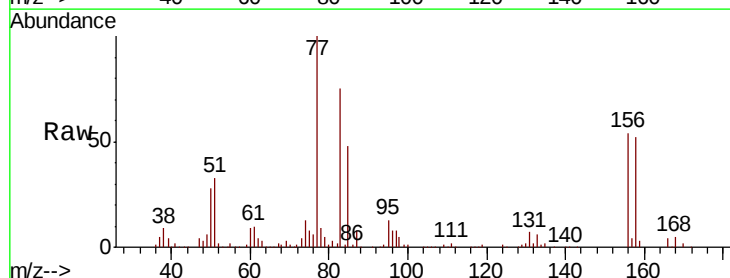
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

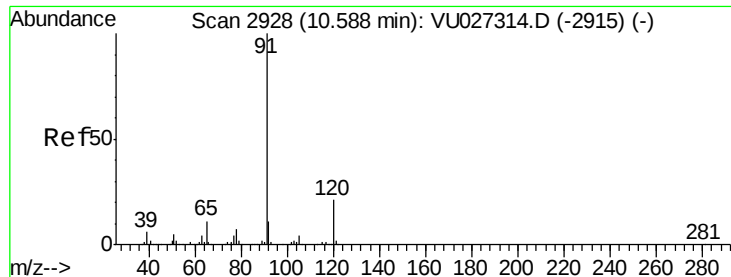
Tgt Ion: 75 Resp: 163205
 Ion Ratio Lower Upper
 75 100
 77 31.5 20.3 60.9



#77
 Bromobenzene
 Concen: 46.928 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 156 Resp: 83181
 Ion Ratio Lower Upper
 156 100
 77 187.3 94.8 284.4
 158 97.9 47.4 142.3

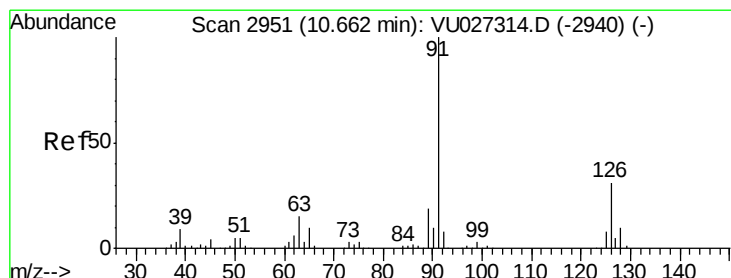
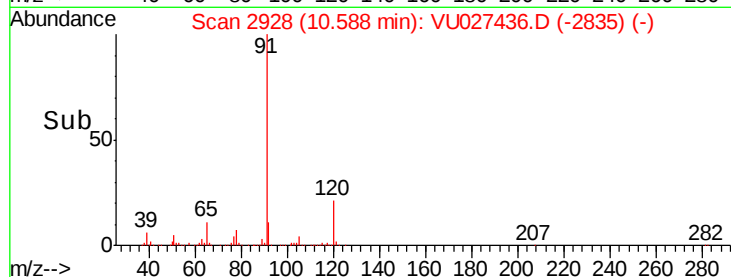
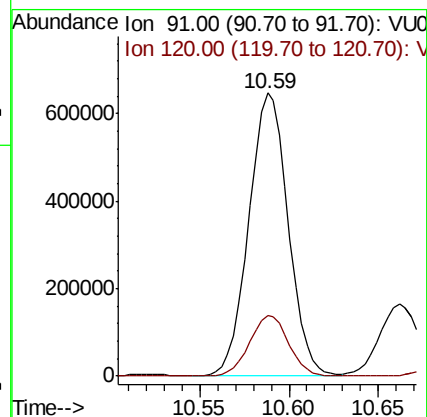
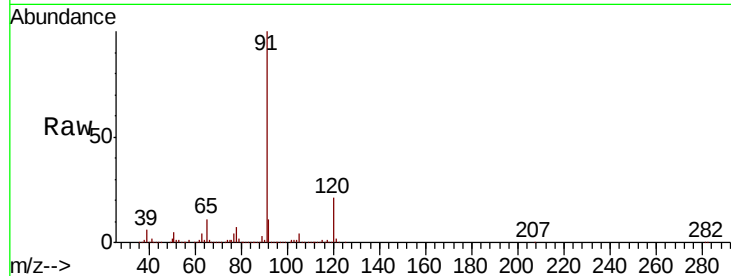




#78
n-propylbenzene
Concen: 108.369 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

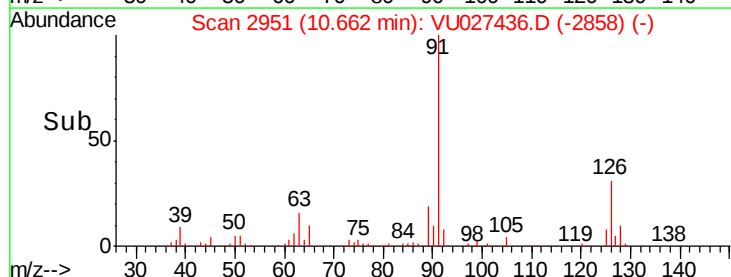
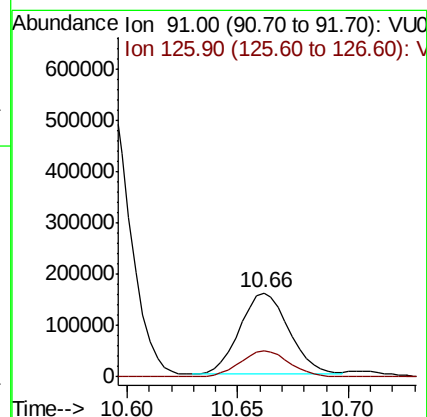
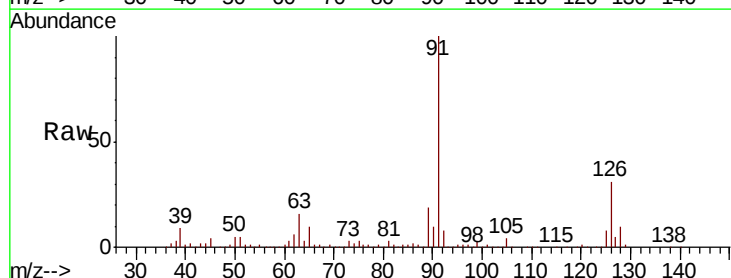
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

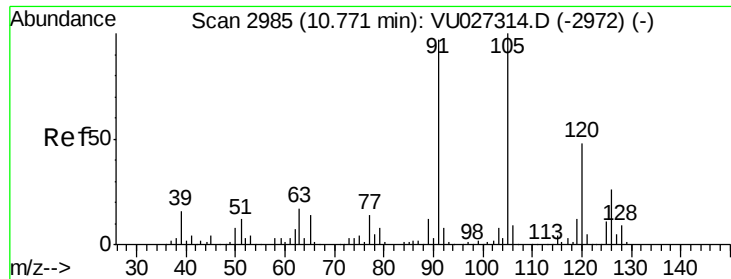
Tgt Ion: 91 Resp: 993165
Ion Ratio Lower Upper
91 100
120 21.3 10.6 31.8



#79
2-Chlorotoluene
Concen: 44.799 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 91 Resp: 247894
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1

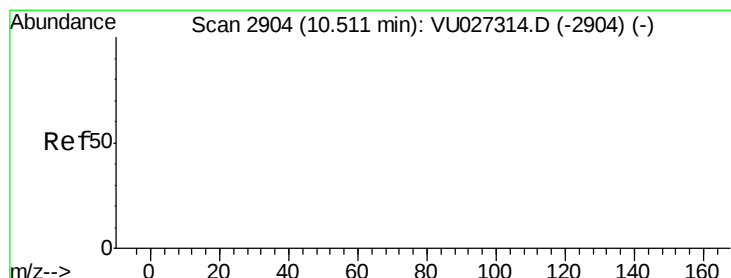
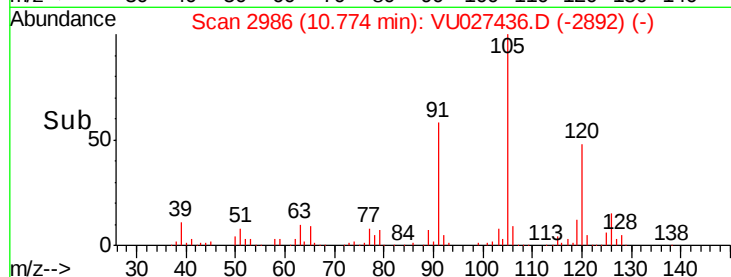
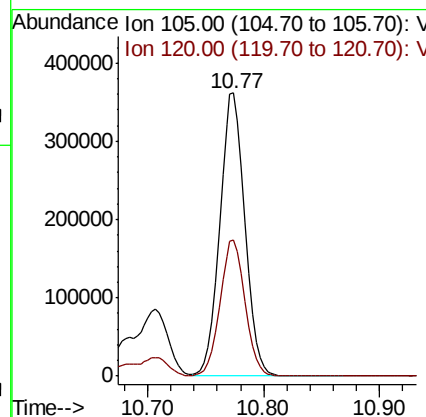
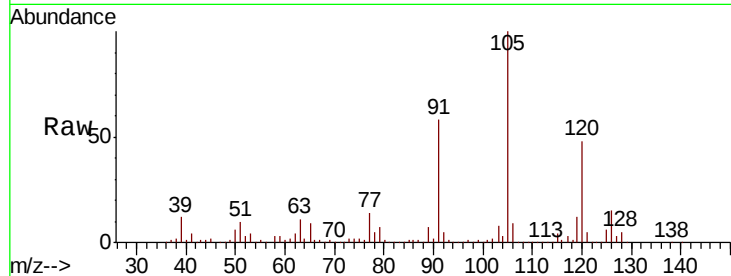




#80
 1,3,5-Trimethylbenzene
 Concen: 88.038 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

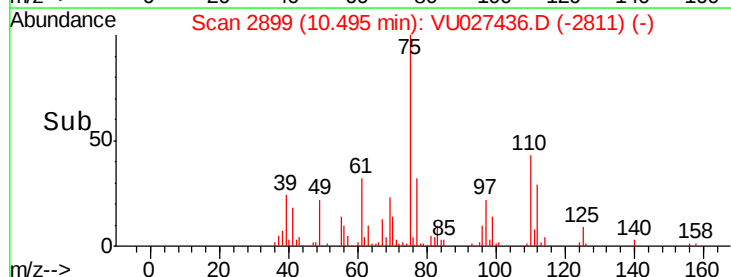
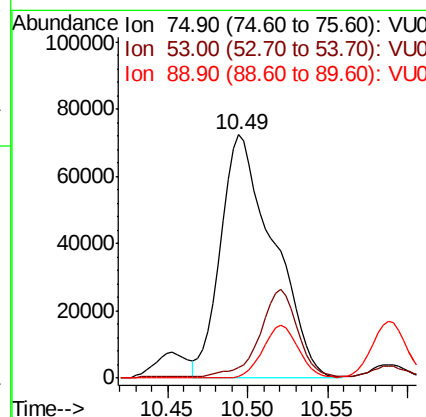
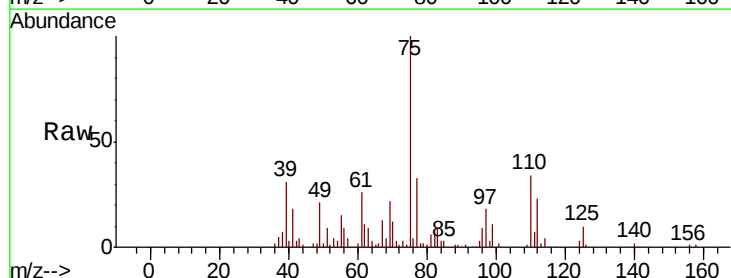
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

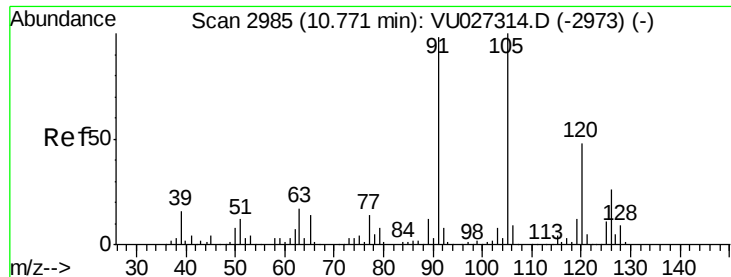
Tgt Ion: 105 Resp: 546666
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.907 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.02 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 75 Resp: 163205
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

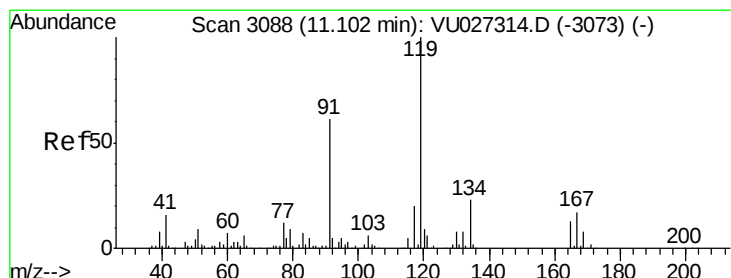
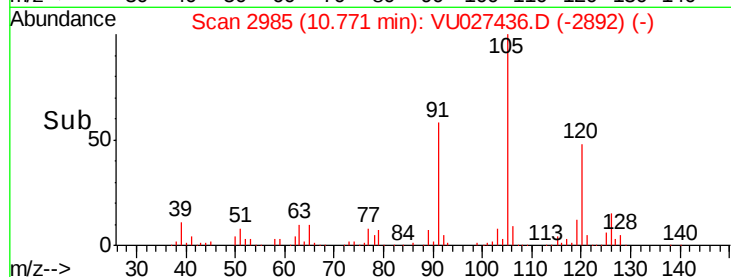
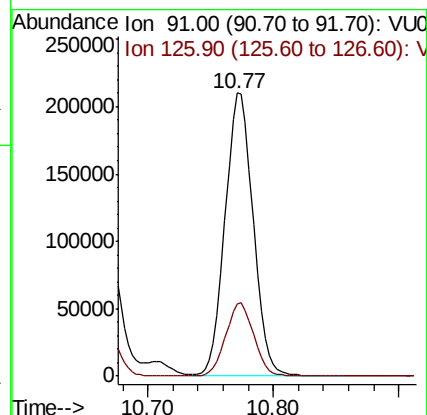
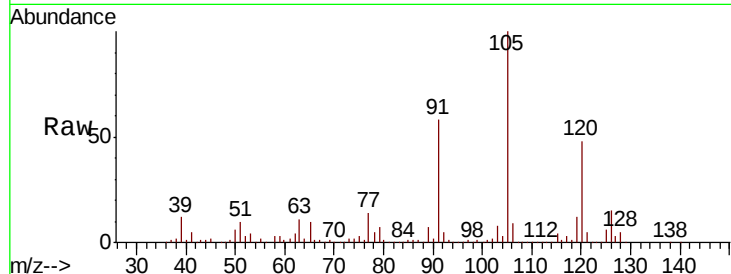




#82
4-Chlorotoluene
Concen: 51.711 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

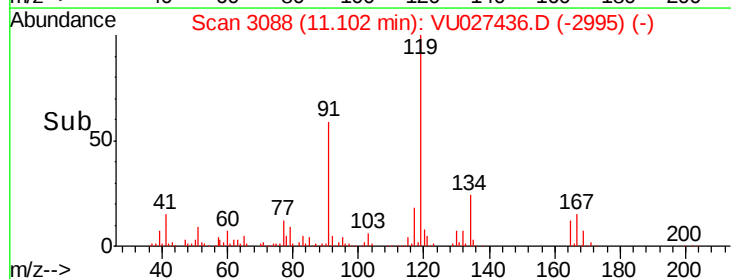
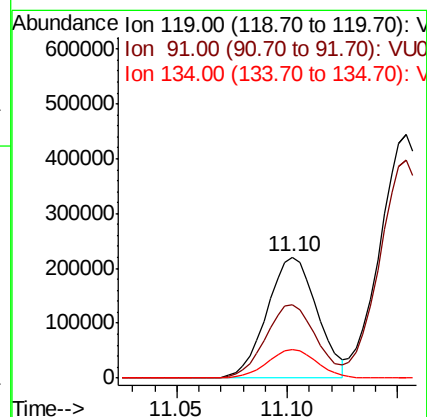
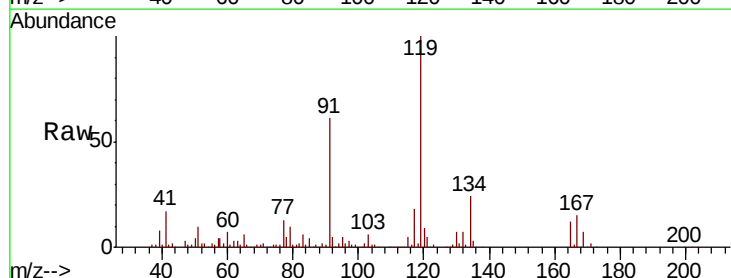
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

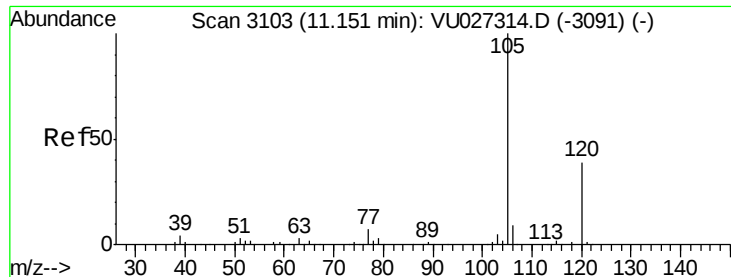
Tgt Ion: 91 Resp: 324720
Ion Ratio Lower Upper
91 100
126 26.0 13.6 40.8



#83
tert-Butylbenzene
Concen: 57.543 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion: 119 Resp: 345421
Ion Ratio Lower Upper
119 100
91 61.6 30.3 91.0
134 23.6 11.5 34.4

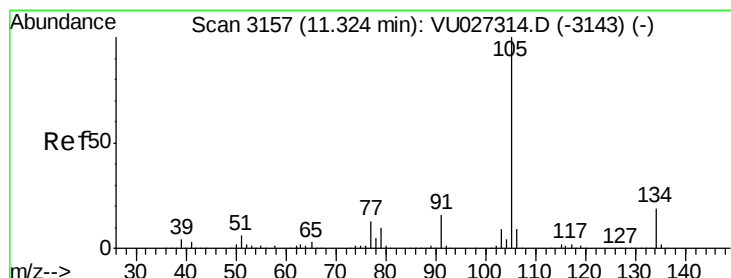
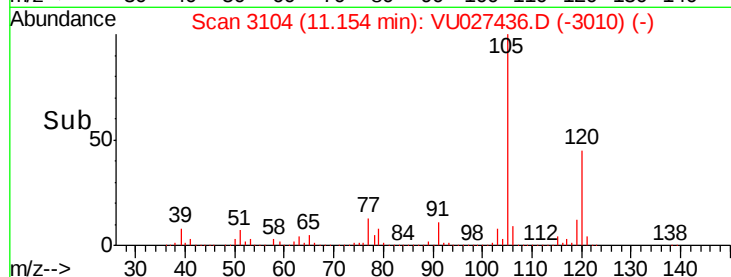
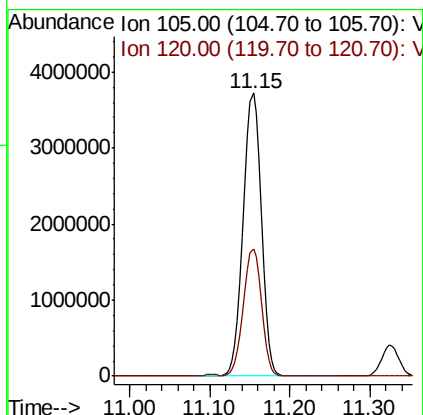
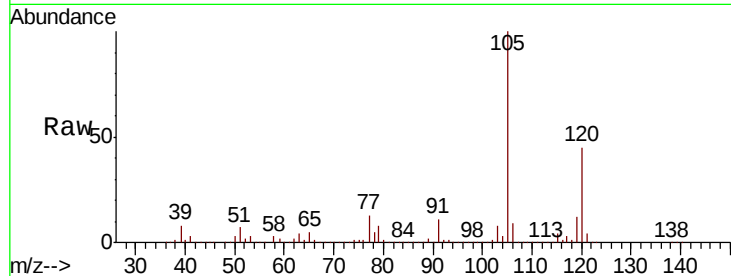




#84
 1,2,4-Trimethylbenzene
 Concen: 885.340 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

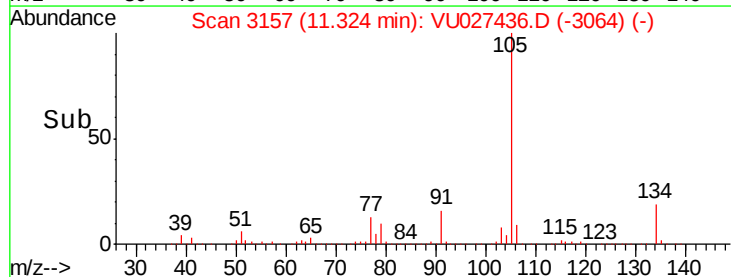
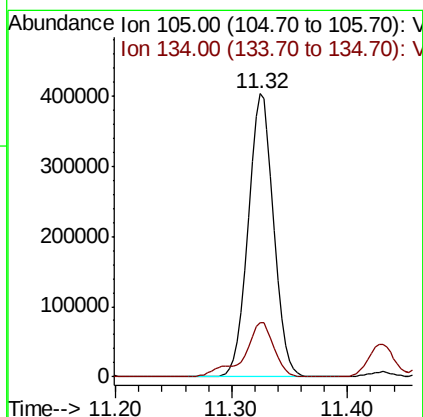
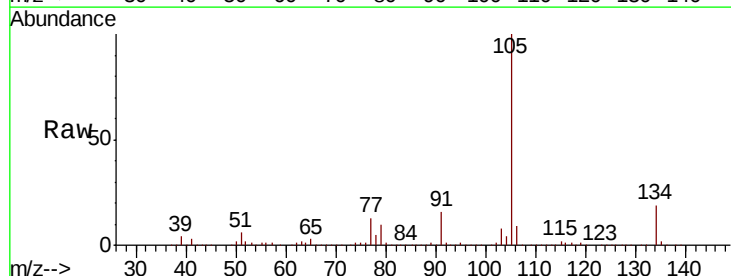
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

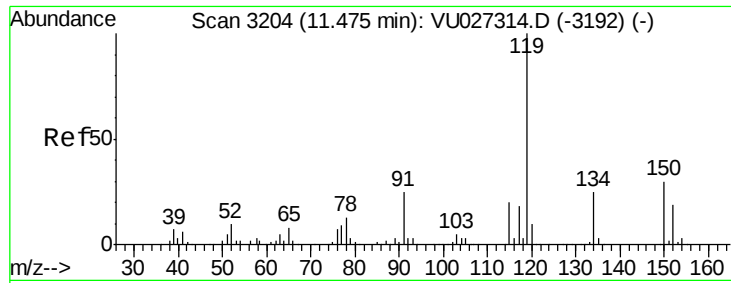
Tgt Ion:105 Resp: 5615613
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 81.451 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion:105 Resp: 616052
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6

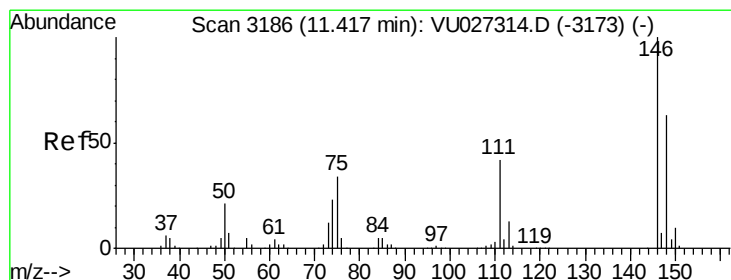
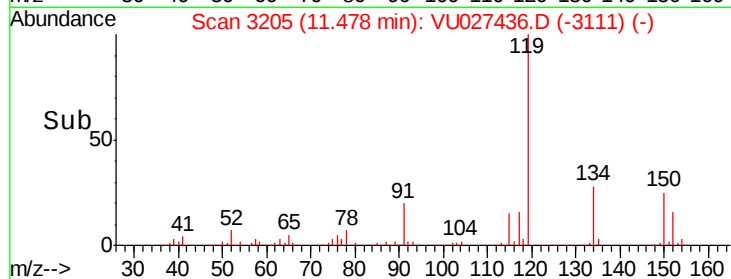
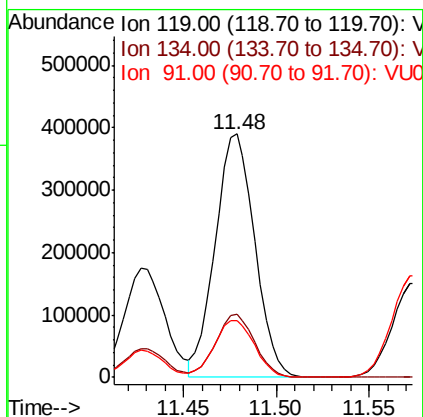
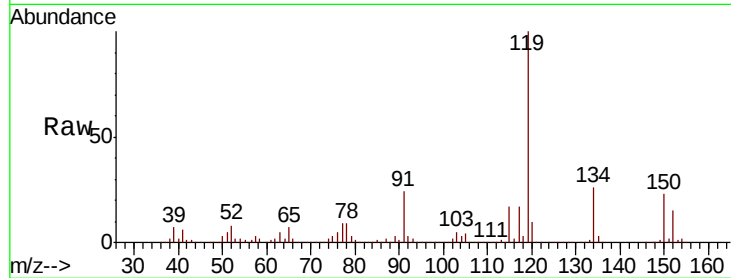




#86
p-Isopropyltoluene
Concen: 89.173 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

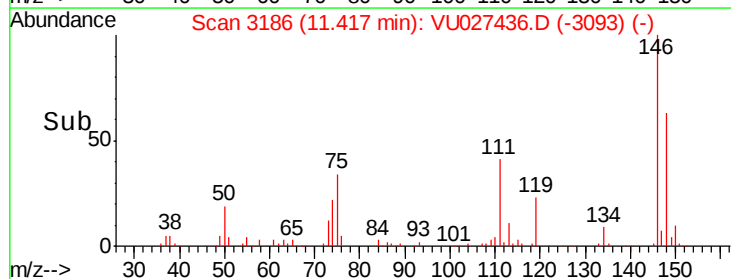
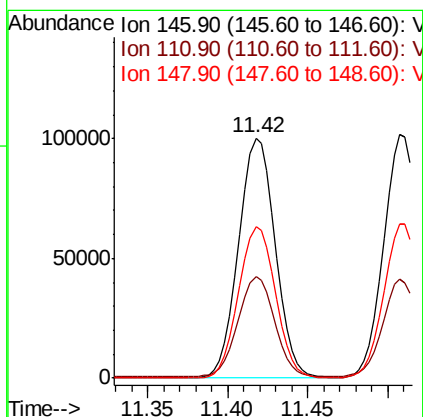
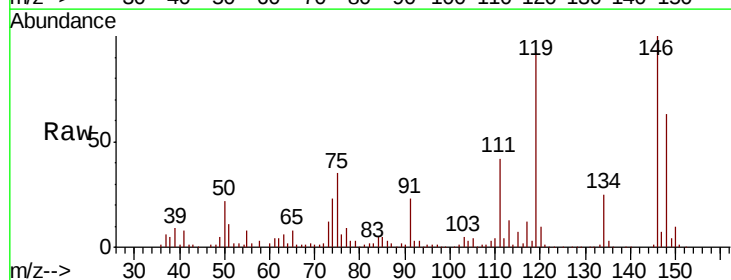
Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

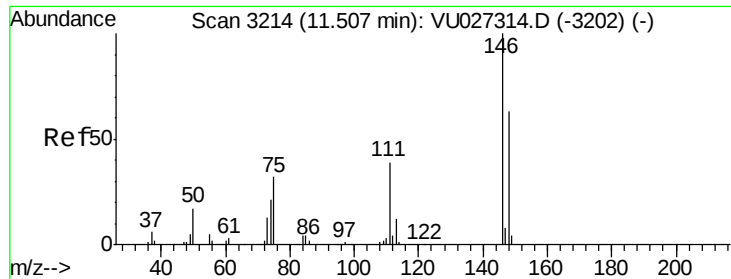
Tgt Ion:119 Resp: 577471
Ion Ratio Lower Upper
119 100
134 25.6 12.7 38.1
91 24.0 12.2 36.4



#87
1,3-Dichlorobenzene
Concen: 46.669 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion:146 Resp: 156637
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.5
148 63.7 31.6 94.8

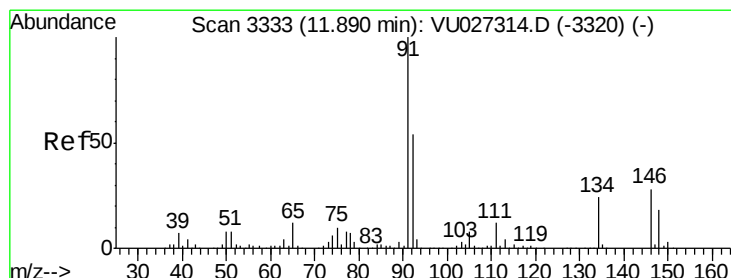
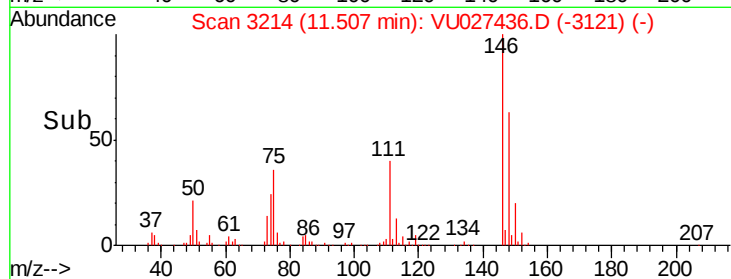
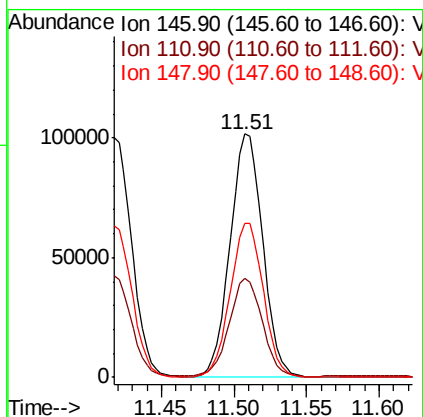
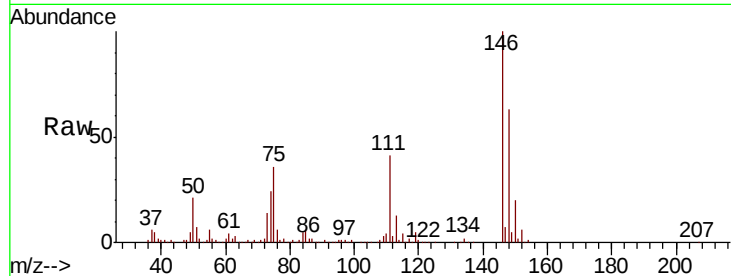




#88
 1,4-Dichlorobenzene
 Concen: 46.288 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

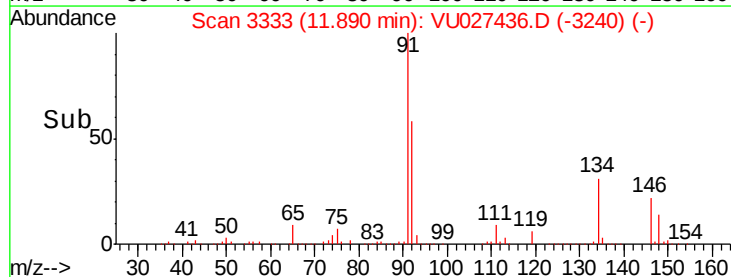
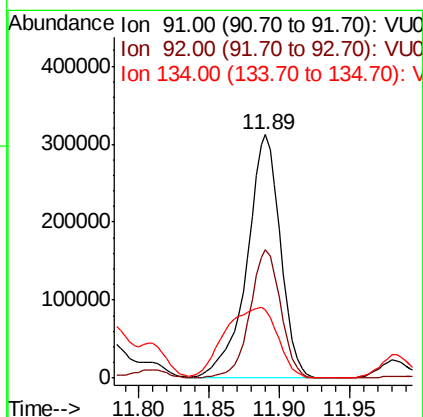
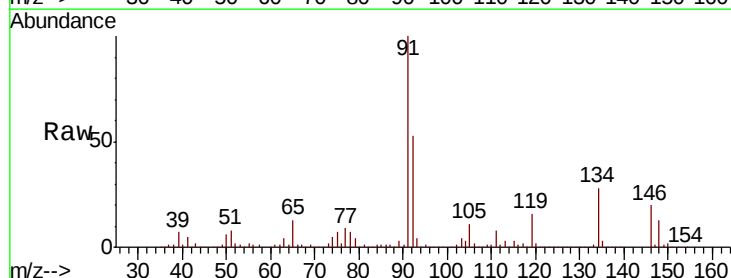
Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

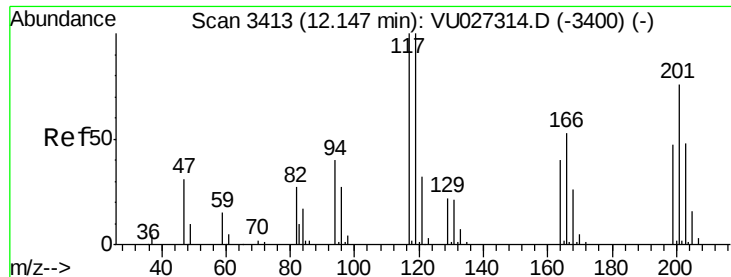
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	64.0	31.9	95.5



#89
 n-Butylbenzene
 Concen: 74.292 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.6	27.0	81.0
134	46.0	11.7	35.1

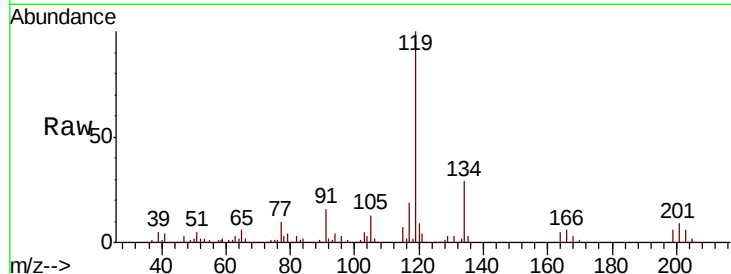




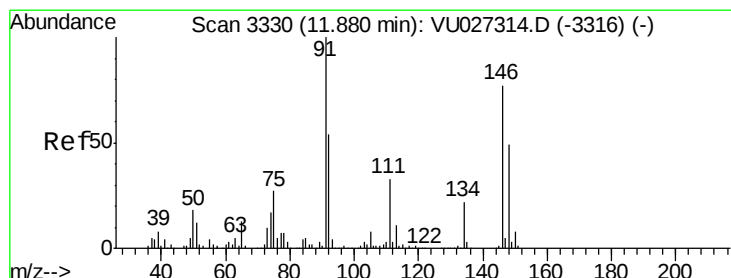
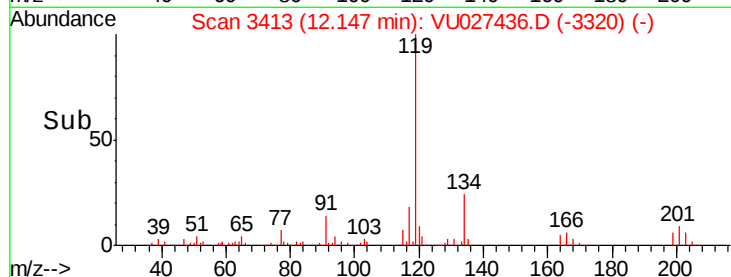
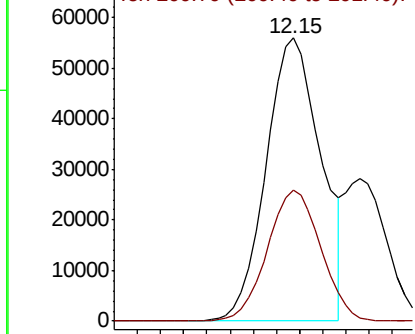
#90
Hexachloroethane
Concen: 75.732 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Instrument :
MSVOA_U
ClientSampleId :
EP-MW-H-092718MS

Tgt Ion:117 Resp: 92443
Ion Ratio Lower Upper
117 100
201 45.0 37.9 113.6

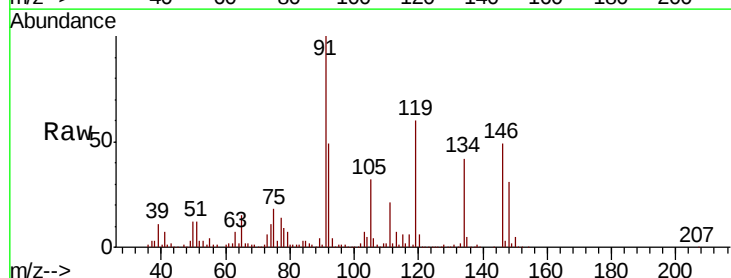


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

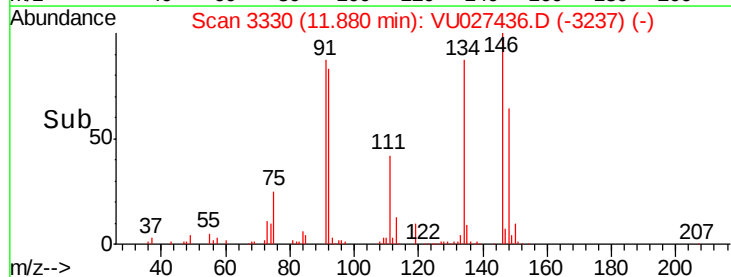
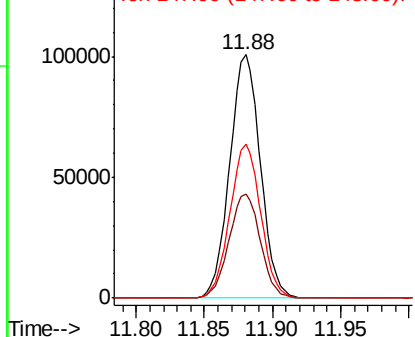


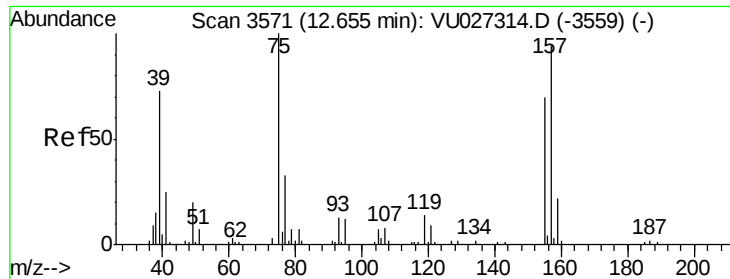
#91
1,2-Dichlorobenzene
Concen: 48.107 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027436.D
Acq: 05 Oct 2018 02:13

Tgt Ion:146 Resp: 157168
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.4
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

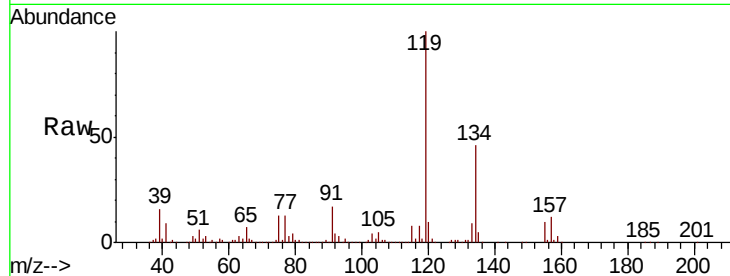




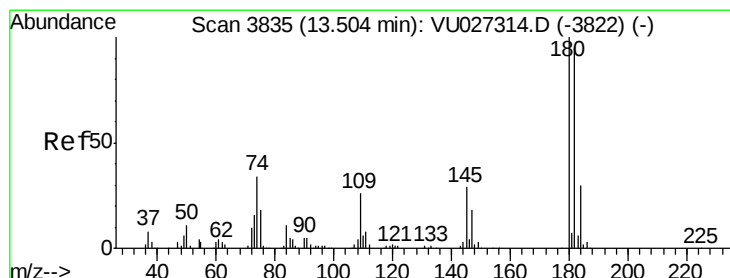
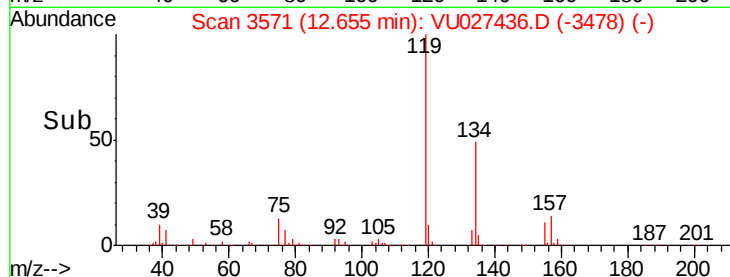
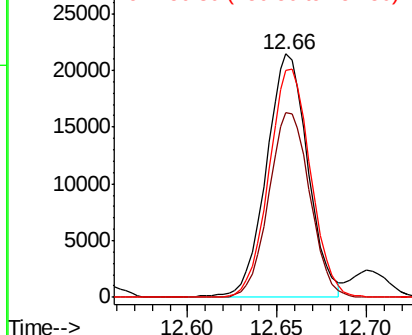
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.511 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Tgt Ion: 75 Resp: 34852
 Ion Ratio Lower Upper
 75 100
 155 74.9 35.9 107.8
 157 94.3 46.9 140.6

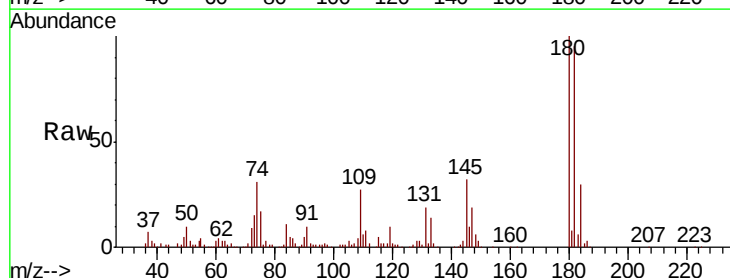


Abundance Ion 74.90 (74.60 to 75.60): VU027436.D (-3478) (-)
 Ion 154.80 (154.50 to 155.50): VU027436.D (-3478) (-)
 Ion 156.80 (156.50 to 157.50): VU027436.D (-3478) (-)

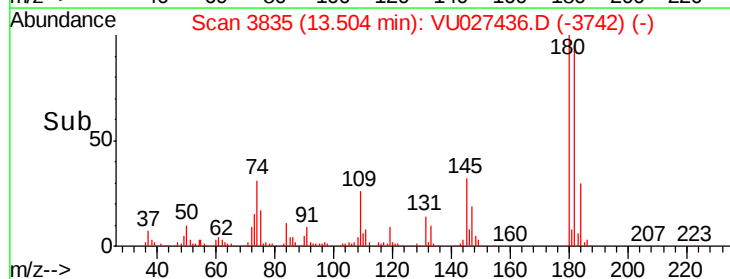
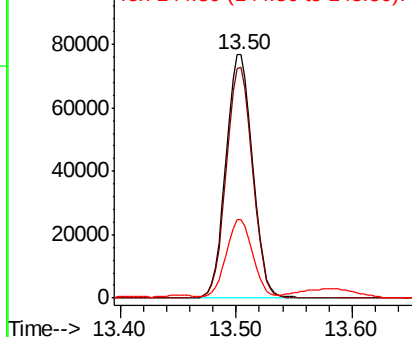


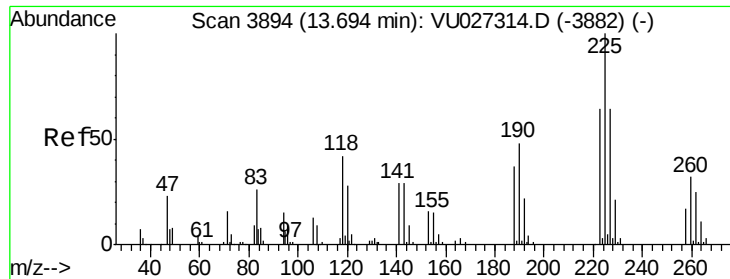
#93
 1,2,4-Trichlorobenzene
 Concen: 57.446 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Tgt Ion: 180 Resp: 121439
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.4 142.3
 145 31.7 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): VU027436.D (-3742) (-)
 Ion 181.80 (181.50 to 182.50): VU027436.D (-3742) (-)
 Ion 144.80 (144.50 to 145.50): VU027436.D (-3742) (-)





#94

Hexachlorobutadiene

Concen: 50.111 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

Instrument :

MSVOA_U

ClientSampleId :

EP-MW-H-092718MS

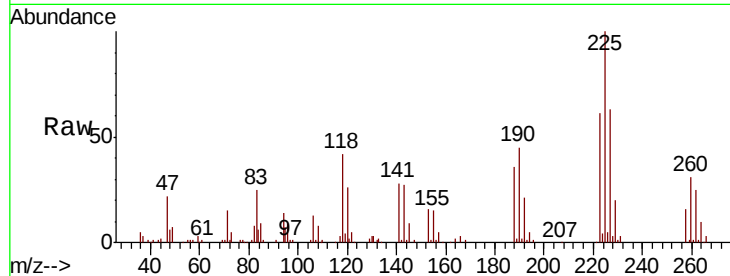
Tgt Ion:225 Resp: 53521

Ion Ratio Lower Upper

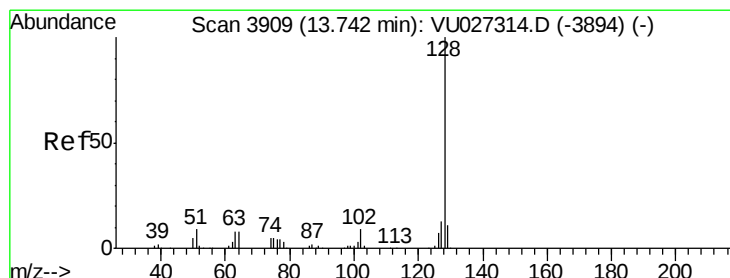
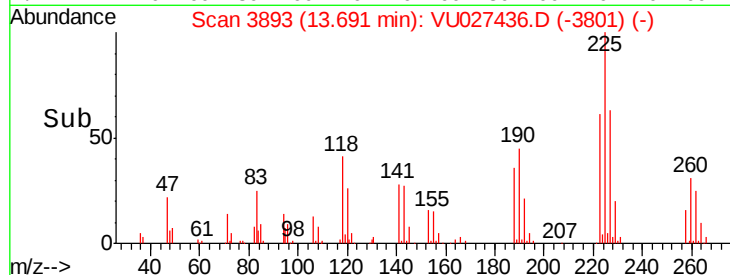
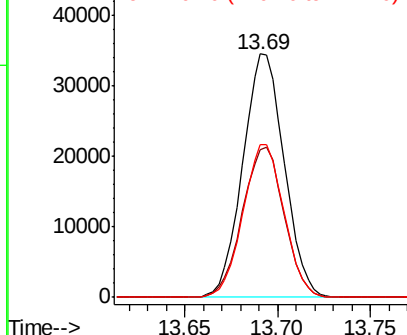
225 100

223 62.0 31.8 95.3

227 62.2 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 56.383 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027436.D

Acq: 05 Oct 2018 02:13

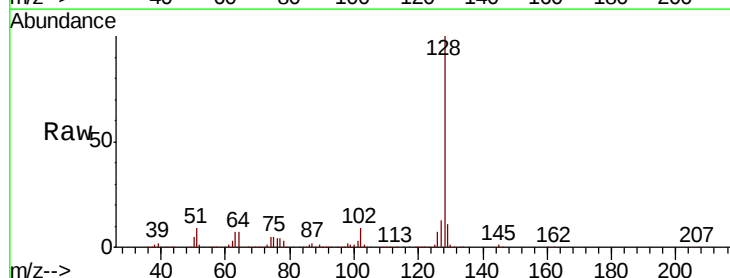
Tgt Ion:128 Resp: 449380

Ion Ratio Lower Upper

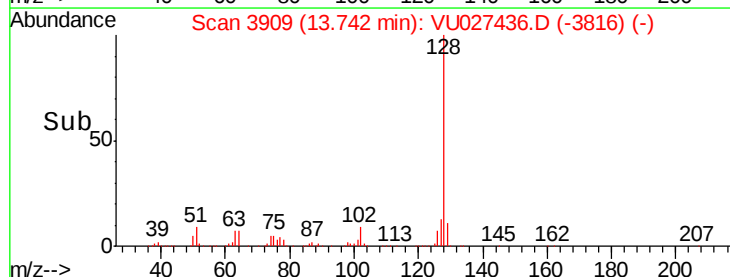
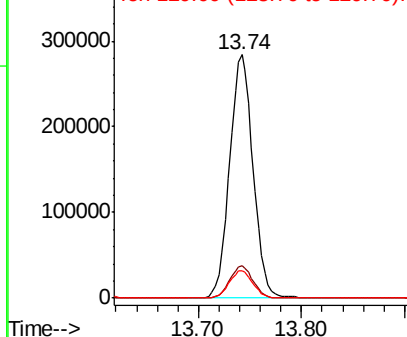
128 100

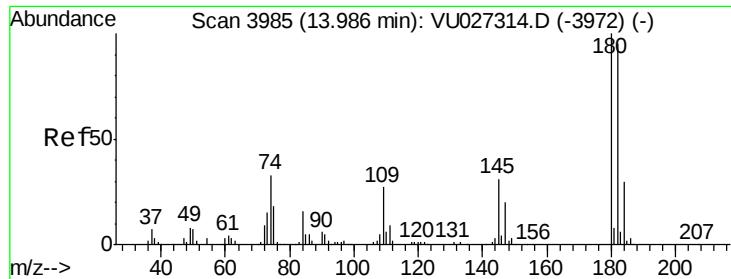
127 13.1 10.5 15.7

129 11.1 8.6 12.8



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





#96
 1,2,3-Trichlorobenzene
 Concen: 54.147 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027436.D
 Acq: 05 Oct 2018 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Tgt Ion	Resp	Lower	Upper
180	119251		
182	96.2	47.4	142.2
145	33.4	15.9	47.7

