

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027324.D
 Acq On : 01 Oct 2018 17:35
 Operator : MD/SY
 Sample : VU1001WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

Quant Time: Oct 02 07:23:10 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	117260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199992	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88057	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	93518	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
35) Dibromofluoromethane	4.88	113	65958	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	7.57	98	257844	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	10.31	95	90765	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	34989	20.697	ug/l	99
3) Chloromethane	1.33	50	44268	19.341	ug/l	97
4) Vinyl Chloride	1.40	62	42538	19.771	ug/l	98
5) Bromomethane	1.62	94	19062	20.476	ug/l	98
6) Chloroethane	1.69	64	24195	18.715	ug/l	100
7) Trichlorofluoromethane	1.88	101	43664	20.002	ug/l	98
8) Diethyl Ether	2.10	74	20133	20.021	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	26030	20.532	ug/l	98
10) Methyl Iodide	2.41	142	11094	16.663	ug/l	98
11) Tert butyl alcohol	2.83	59	42850	103.922	ug/l	99
12) 1,1-Dichloroethene	2.28	96	24482	19.766	ug/l	99
13) Acrolein	2.20	56	28401	82.087	ug/l	100
14) Allyl chloride	2.59	41	57256	19.466	ug/l	98
15) Acrylonitrile	2.94	53	107293	99.976	ug/l	98
16) Acetone	2.32	43	103580	89.545	ug/l	100
17) Carbon Disulfide	2.48	76	83296	18.646	ug/l	99
18) Methyl Acetate	2.62	43	51824	19.639	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	97671	19.680	ug/l	98
20) Methylene Chloride	2.70	84	31121	19.315	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	27818	20.004	ug/l	98
22) Diisopropyl ether	3.58	45	120486	20.154	ug/l	98
23) Vinyl Acetate	3.53	43	522242	100.031	ug/l	100
24) 1,1-Dichloroethane	3.45	63	61902	20.142	ug/l	100
25) 2-Butanone	4.27	43	158274	100.339	ug/l	100
26) 2,2-Dichloropropane	4.23	77	48163	19.072	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	30800	19.368	ug/l	98
28) Bromochloromethane	4.55	49	28915	19.501	ug/l	99
29) Tetrahydrofuran	4.64	42	102988	103.600	ug/l	99
30) Chloroform	4.68	83	55431	20.301	ug/l	98
31) Cyclohexane	5.00	56	61340	19.387	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	46148	20.067	ug/l	98
36) 1,1-Dichloropropene	5.14	75	41787	19.244	ug/l	99
37) Ethyl Acetate	4.39	43	56141	20.005	ug/l	99
38) Carbon Tetrachloride	5.14	117	38558	19.657	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	48302	19.029	ug/l	96
40) Benzene	5.39	78	125206	19.795	ug/l	98
41) Methacrylonitrile	4.55	41	31414	19.804	ug/l	98
42) 1,2-Dichloroethane	5.41	62	47751	20.338	ug/l	99
43) Isopropyl Acetate	5.55	43	88063	20.204	ug/l	99
44) Trichloroethene	6.19	130	27035	19.168	ug/l	99
45) 1,2-Dichloropropane	6.44	63	36703	20.118	ug/l	99
46) Dibromomethane	6.56	93	21398	20.767	ug/l	97
47) Bromodichloromethane	6.76	83	42043	19.664	ug/l	99
48) Methyl methacrylate	6.62	41	43433	20.038	ug/l	97
49) 1,4-Dioxane	6.61	88	16996	455.737	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	289824	102.328	ug/l	100
52) Toluene	7.64	92	74833	19.988	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	49196	19.625	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	53320	19.785	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	29788	20.068	ug/l	97
56) Ethyl methacrylate	8.02	69	49294	18.825	ug/l	98
57) 1,3-Dichloropropane	8.24	76	56746	19.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	141310	95.774	ug/l	100
59) 2-Hexanone	8.36	43	223131	101.558	ug/l	99
60) Dibromochloromethane	8.48	129	29337	19.706	ug/l	99
61) 1,2-Dibromoethane	8.59	107	31485	19.950	ug/l	100
64) Tetrachloroethene	8.23	164	23029	19.668	ug/l	98
65) Chlorobenzene	9.12	112	76215	19.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	27341	20.004	ug/l	97
67) Ethyl Benzene	9.25	91	136117	19.405	ug/l	100
68) m/p-Xylenes	9.38	106	101581	39.590	ug/l	99
69) o-Xylene	9.78	106	48720	19.981	ug/l	99
70) Styrene	9.79	104	79992	19.043	ug/l	100
71) Bromoform	9.96	173	20894	19.000	ug/l #	99
73) Isopropylbenzene	10.17	105	131919	20.627	ug/l	100
74) N-amyl acetate	10.02	43	73894	20.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	51665	20.574	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	59307	25.982	ug/l	84
77) Bromobenzene	10.45	156	30644	20.617	ug/l	97
78) n-propylbenzene	10.59	91	157091	20.441	ug/l	100
79) 2-Chlorotoluene	10.66	91	93653	20.183	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	108518	20.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	59307	67.997	ug/l #	100
82) 4-Chlorotoluene	10.77	91	108643	20.633	ug/l	100
83) tert-Butylbenzene	11.10	119	103668	20.595	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	112822	21.212	ug/l	99
85) sec-Butylbenzene	11.32	105	131714	20.768	ug/l	99
86) p-Isopropyltoluene	11.48	119	111117	20.462	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	56574	20.101	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	57808	20.100	ug/l	98
89) n-Butylbenzene	11.89	91	99946	18.617	ug/l	99
90) Hexachloroethane	12.15	117	19876	19.418	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	55993	20.439	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11399	20.481	ug/l	97

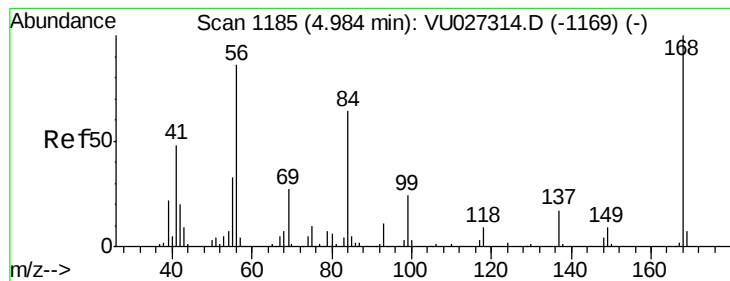
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	37647	21.238	ug/l	98
94) Hexachlorobutadiene	13.69	225	19195	21.432	ug/l	98
95) Naphthalene	13.74	128	130596	20.625	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	36704	19.875	ug/l	99

(#) = 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: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

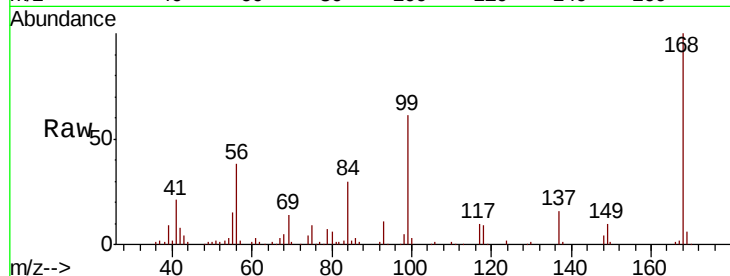
VU1001WBSD01

Tot Ion:168 Resp: 117260

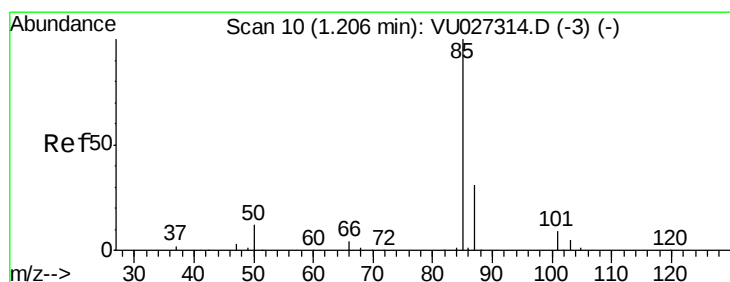
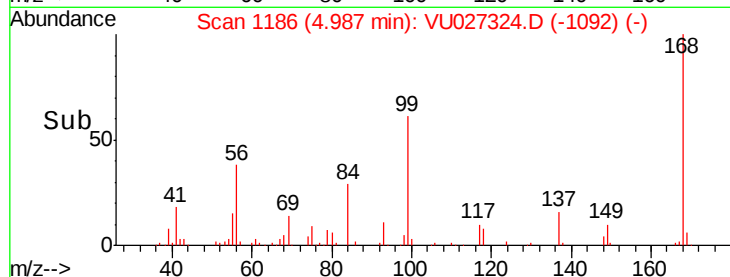
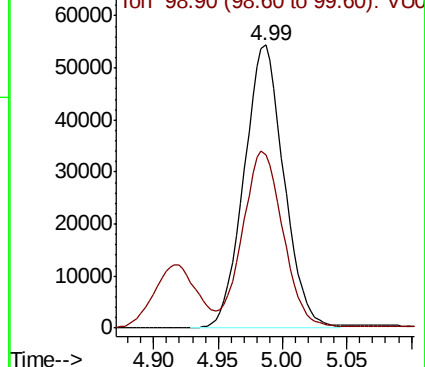
Ion Ratio Lower Upper

168 100

99 60.6 50.8 76.2



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



#2

Dichlorodifluoromethane

Concen: 20.697 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027324.D

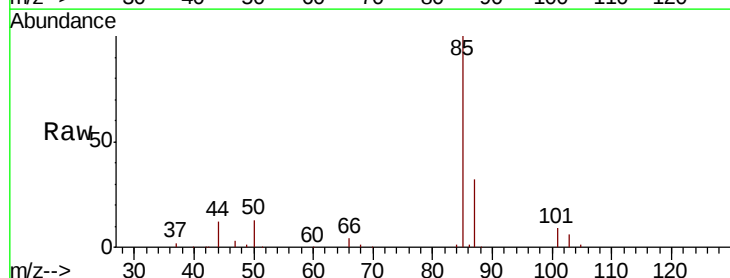
Acq: 01 Oct 2018 17:35

Tgt Ion: 85 Resp: 34989

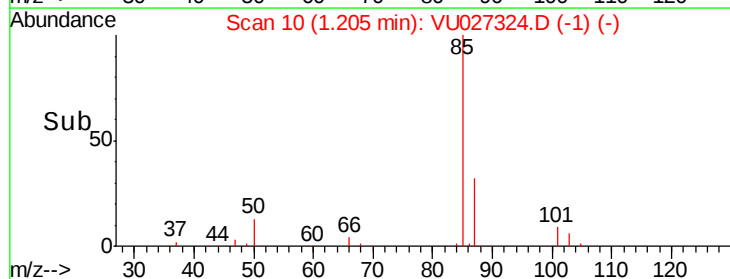
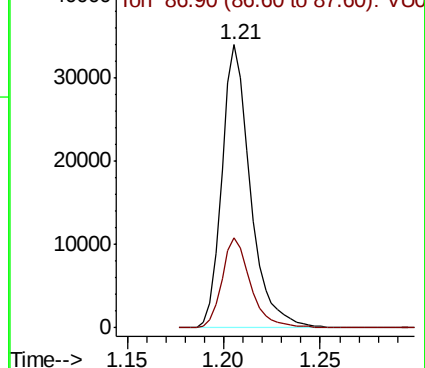
Ion Ratio Lower Upper

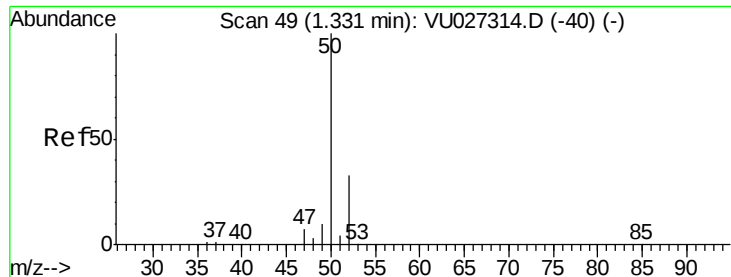
85 100

87 31.8 15.7 47.1



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





#3

Chloromethane

Concen: 19.341 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

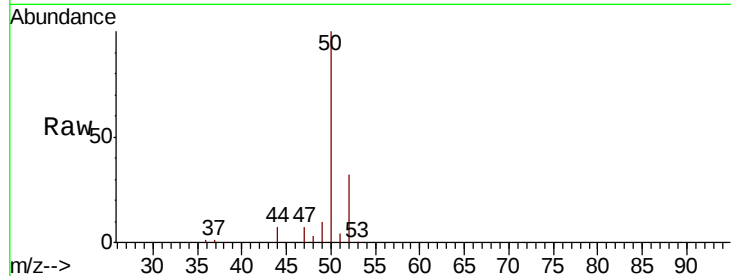
VU1001WBSD01

Tot Ion: 50 Resp: 44268

Ion Ratio Lower Upper

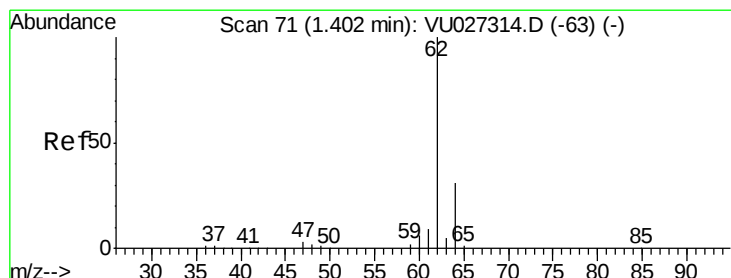
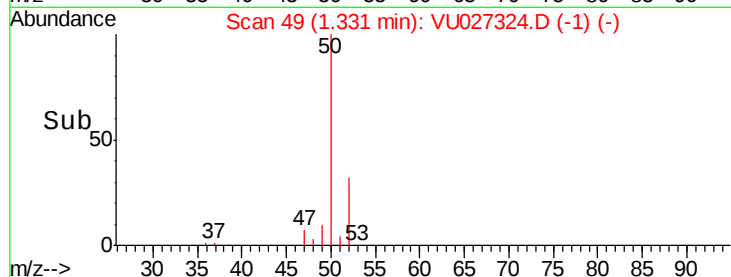
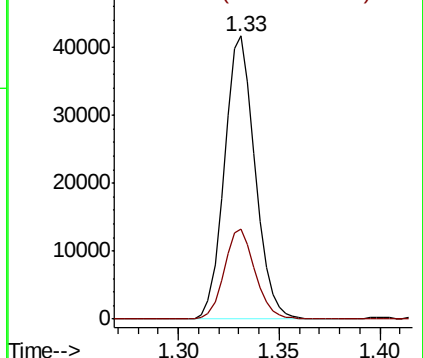
50 100

52 31.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 19.771 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027324.D

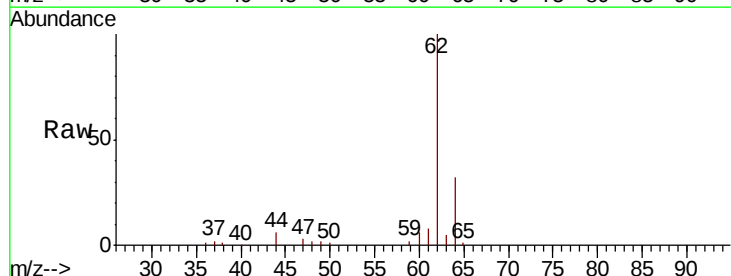
Acq: 01 Oct 2018 17:35

Tgt Ion: 62 Resp: 42538

Ion Ratio Lower Upper

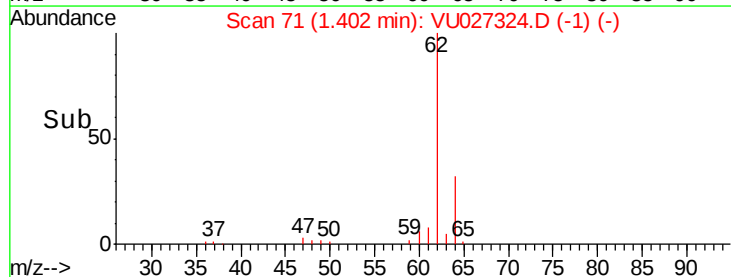
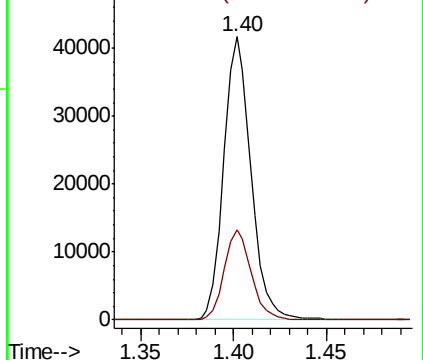
62 100

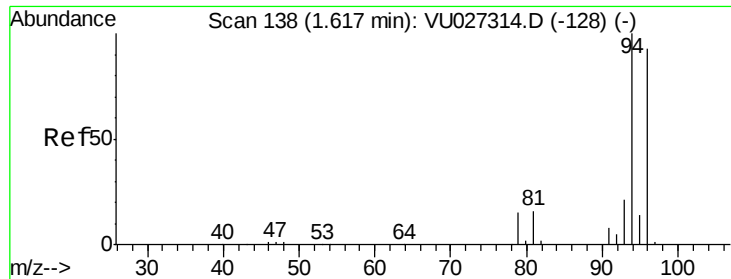
64 31.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

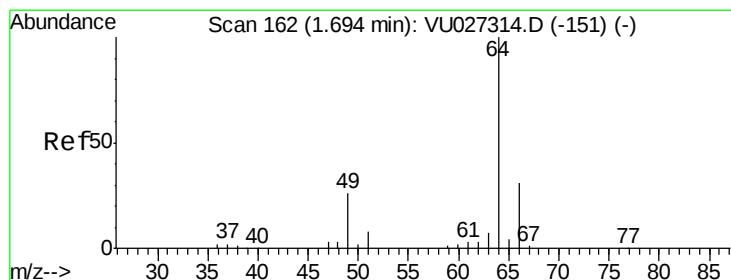
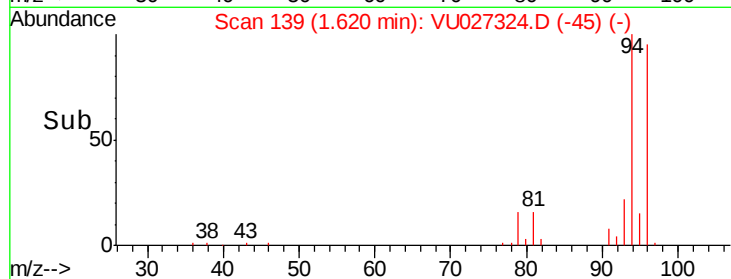
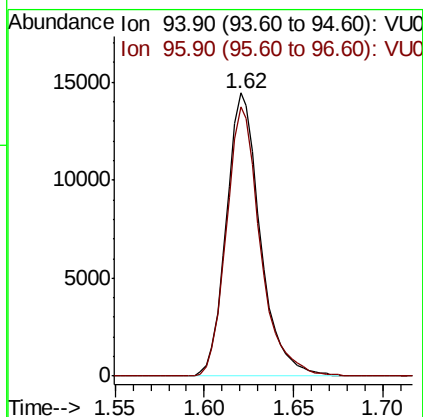
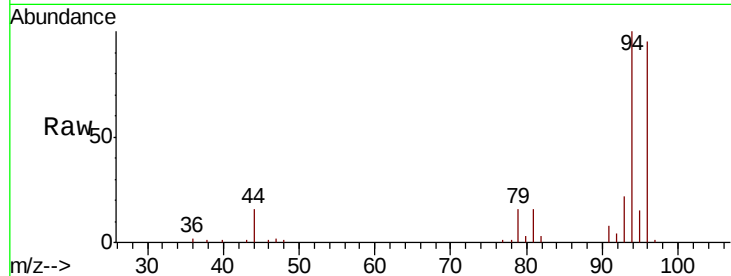




#5
Bromomethane
Concen: 20.476 ug/l
RT: 1.62 min Scan# 139
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

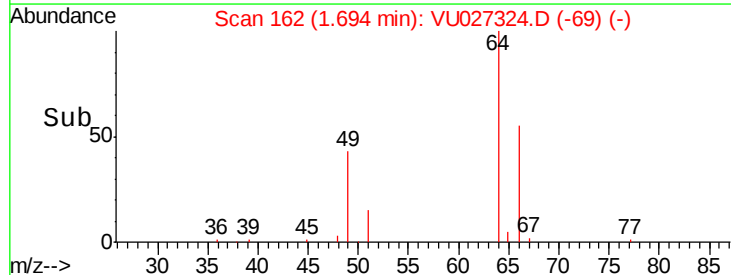
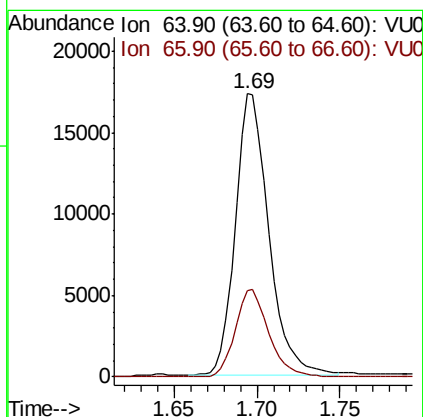
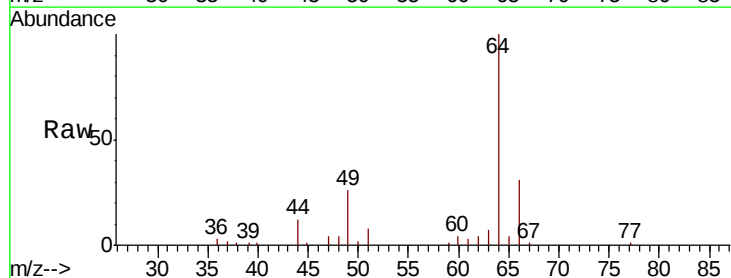
Instrument :
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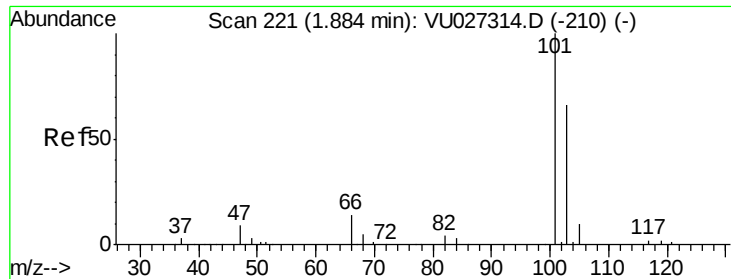
Tot Ion: 94 Resp: 19062
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8



#6
Chloroethane
Concen: 18.715 ug/l
RT: 1.69 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 64 Resp: 24195
Ion Ratio Lower Upper
64 100
66 30.8 24.6 36.8



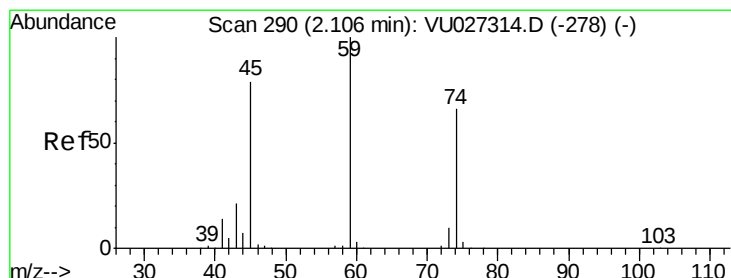
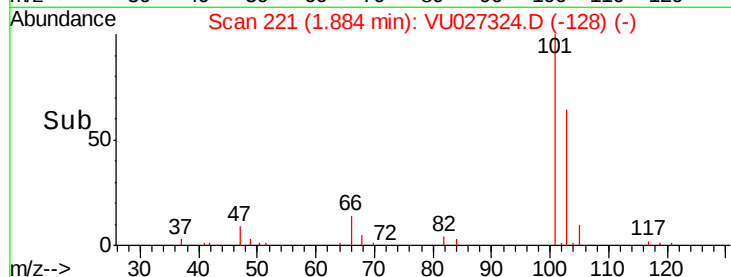
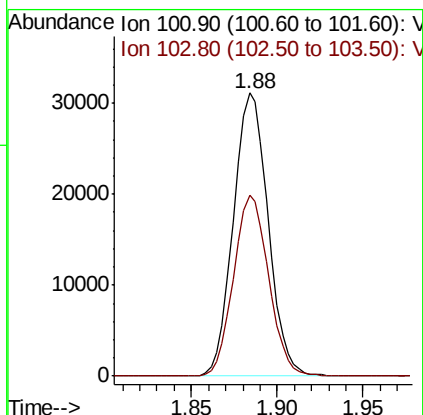
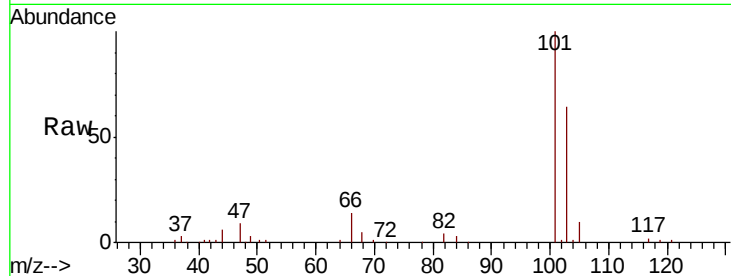


#7

Trichlorofluoromethane
 Concen: 20.002 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Instrument :
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 VU1001WBSD01

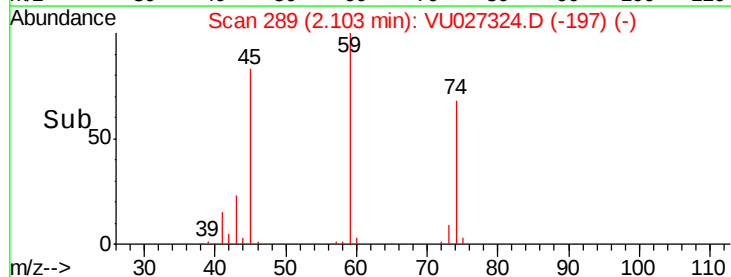
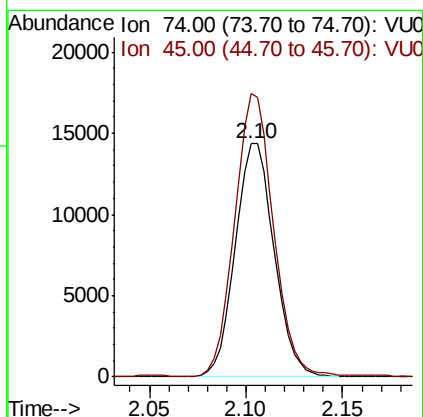
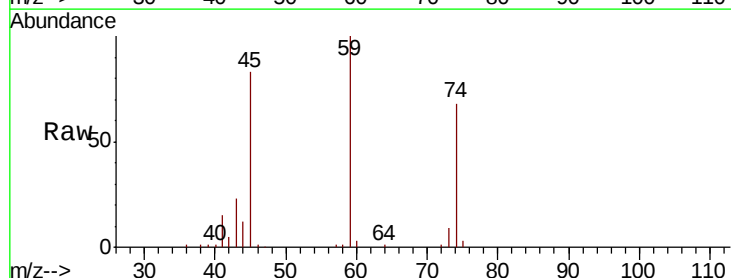
Tot Ion:101 Resp: 43664
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.6 78.8

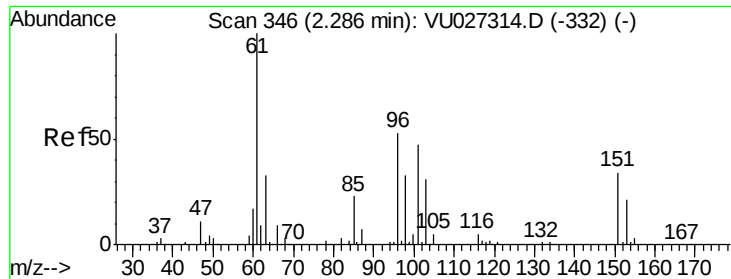


#8

Diethyl Ether
 Concen: 20.021 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion: 74 Resp: 20133
 Ion Ratio Lower Upper
 74 100
 45 120.9 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.532 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

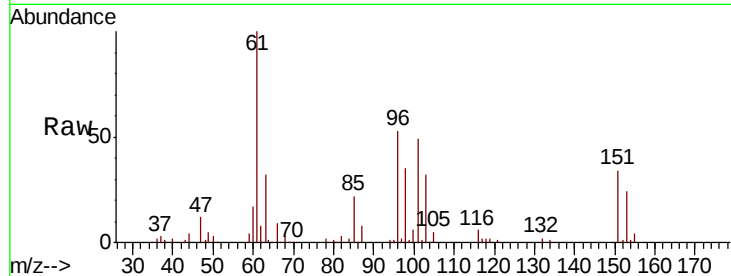
Tot Ion:101 Resp: 26030

Ion Ratio Lower Upper

101 100

85 45.7 37.5 56.3

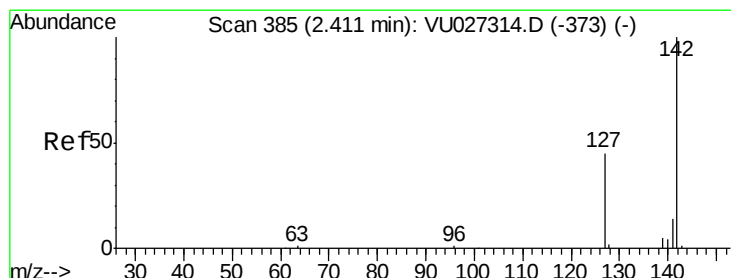
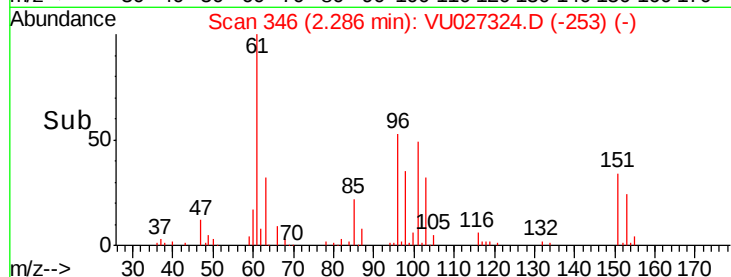
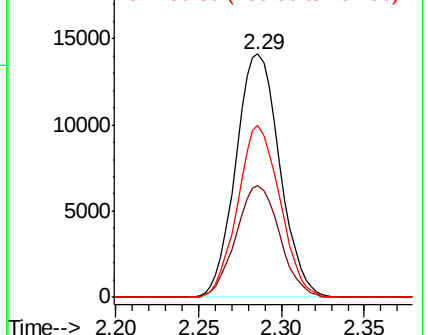
151 68.0 55.6 83.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.663 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

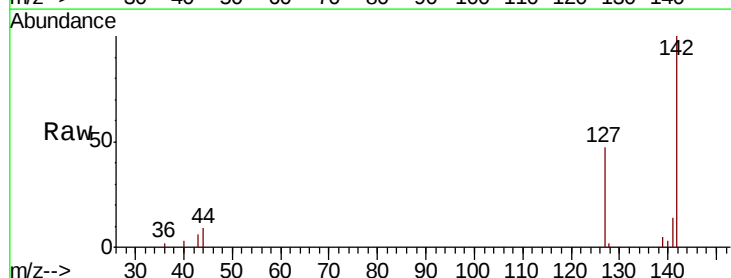
Tgt Ion:142 Resp: 11094

Ion Ratio Lower Upper

142 100

127 46.6 36.3 54.5

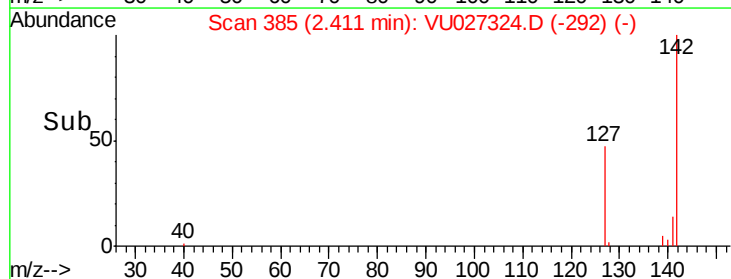
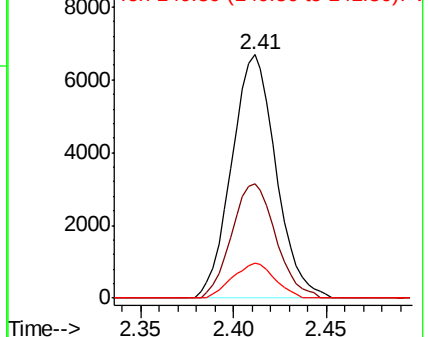
141 13.5 11.6 17.4

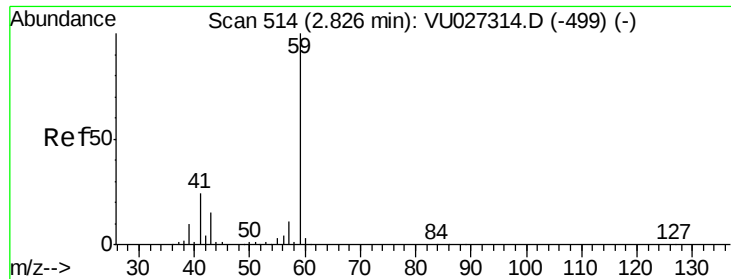


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

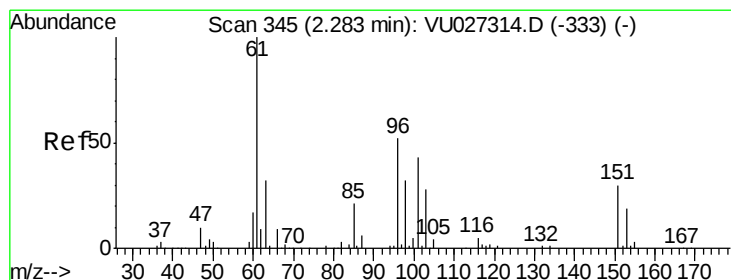
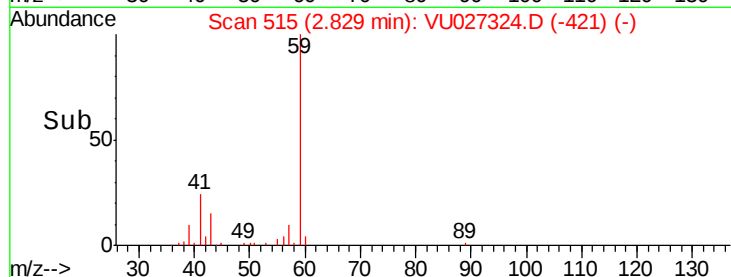
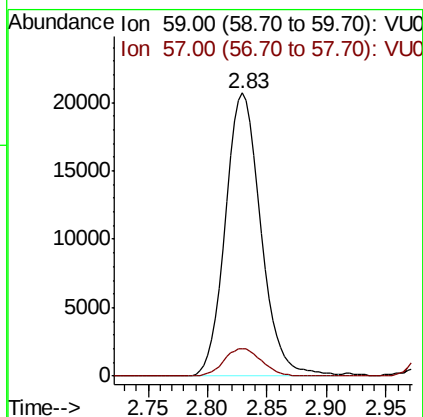
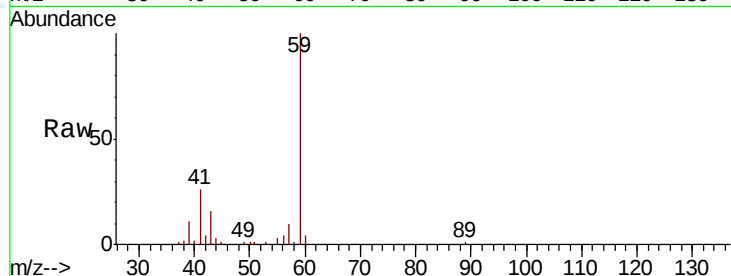




#11
Tert butyl alcohol
Concen: 103.922 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

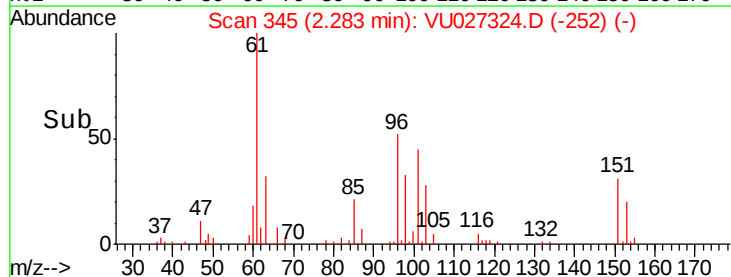
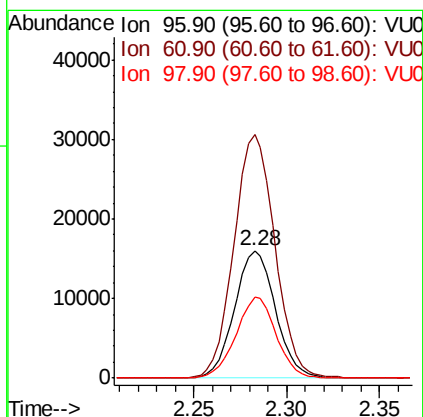
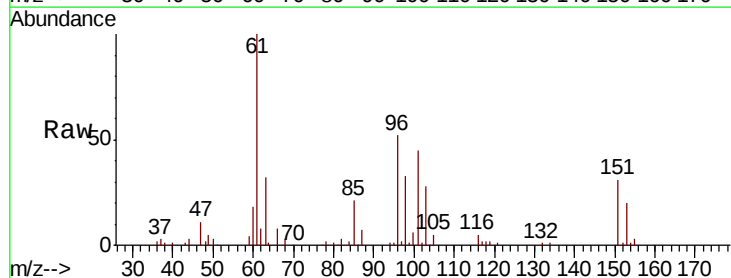
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

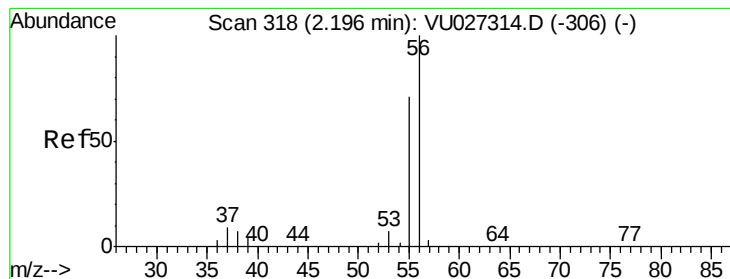
Tot Ion: 59 Resp: 42850
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.766 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 96 Resp: 24482
Ion Ratio Lower Upper
96 100
61 190.6 153.0 229.6
98 63.1 49.3 73.9





#13

Acrolein

Concen: 82.087 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

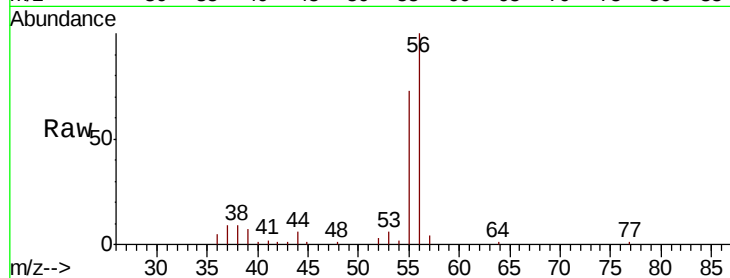
VU1001WBSD01

Tot Ion: 56 Resp: 28401

Ion Ratio Lower Upper

56 100

55 71.7 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

20000

15000

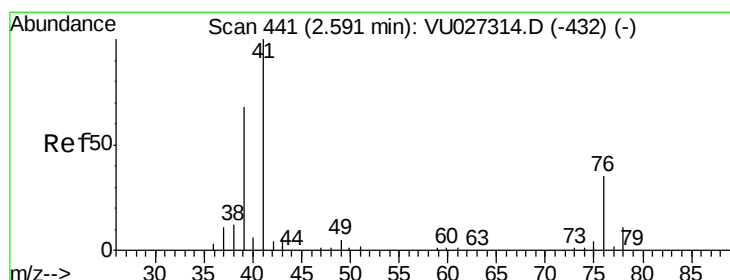
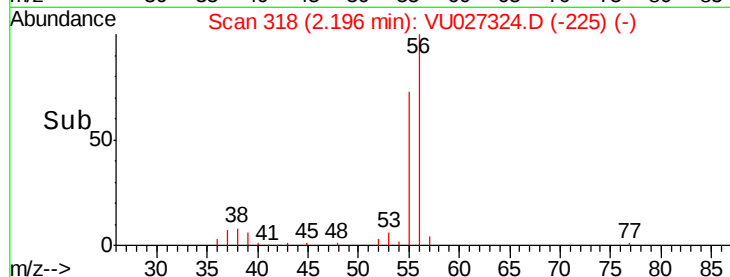
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 19.466 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

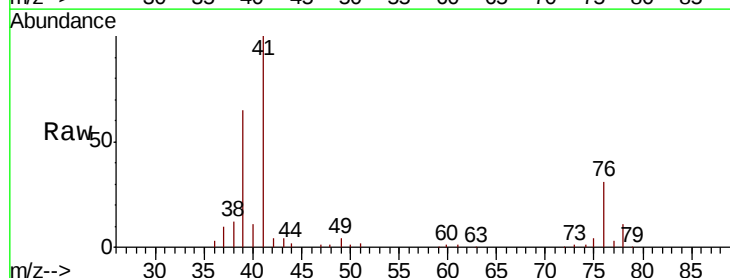
Tgt Ion: 41 Resp: 57256

Ion Ratio Lower Upper

41 100

39 65.3 51.8 77.8

76 30.3 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

40000

30000

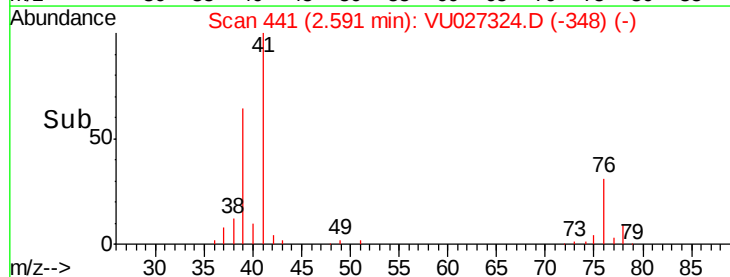
20000

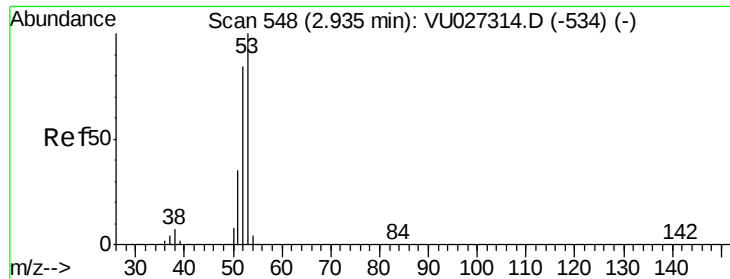
10000

0

Time-->

2.55 2.60 2.65





#15

Acrylonitrile

Concen: 99.976 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

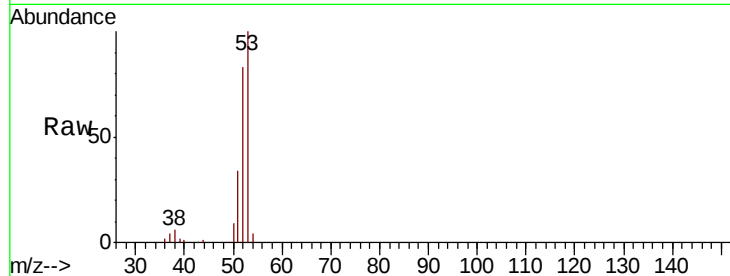
Tot Ion: 53 Resp: 107293

Ion Ratio Lower Upper

53 100

52 81.2 66.5 99.7

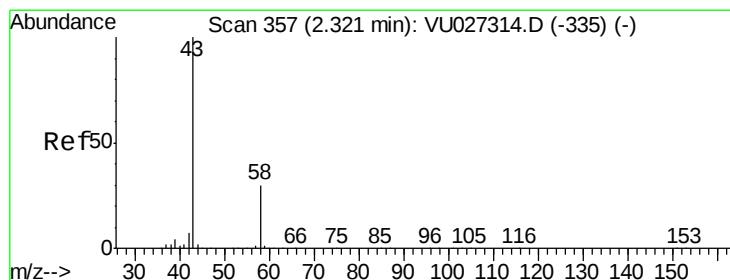
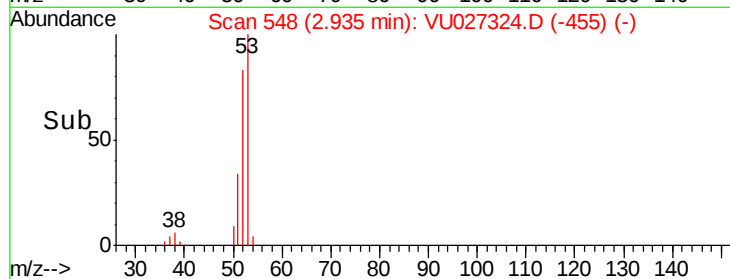
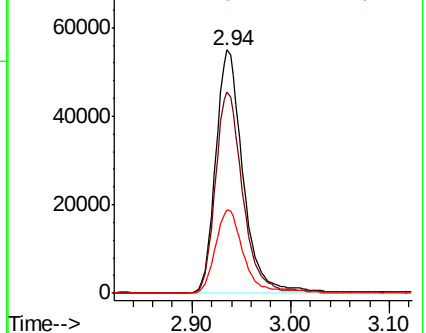
51 35.5 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 89.545 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027324.D

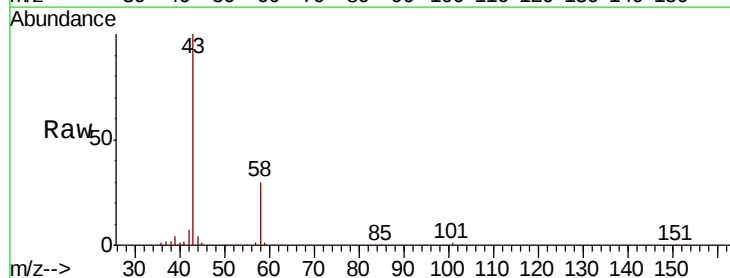
Acq: 01 Oct 2018 17:35

Tgt Ion: 43 Resp: 103580

Ion Ratio Lower Upper

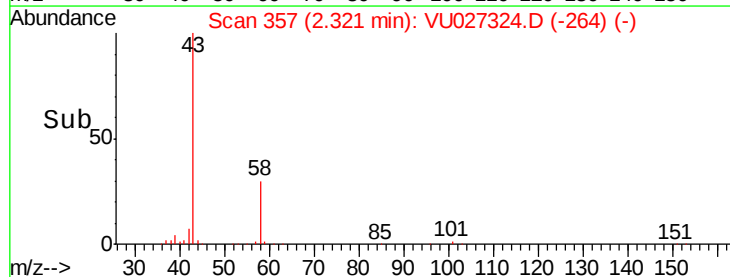
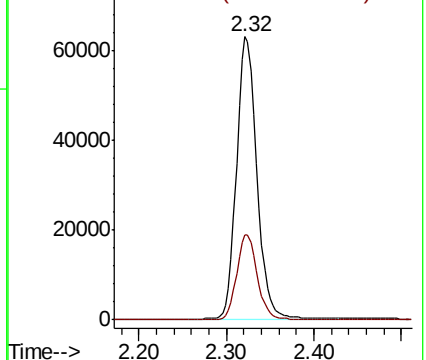
43 100

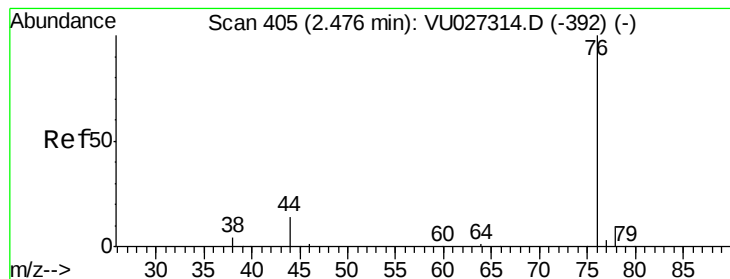
58 30.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.646 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

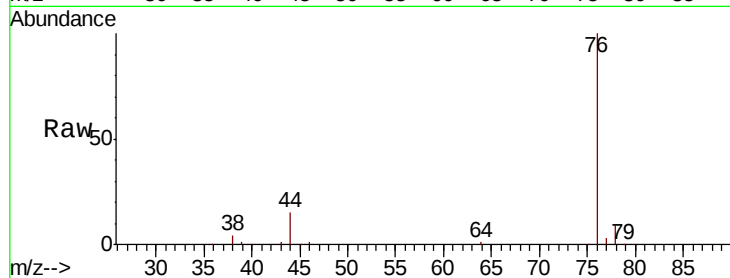
VU1001WBSD01

Tot Ion: 76 Resp: 83296

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



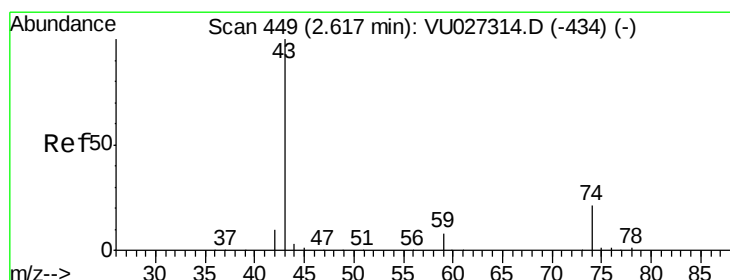
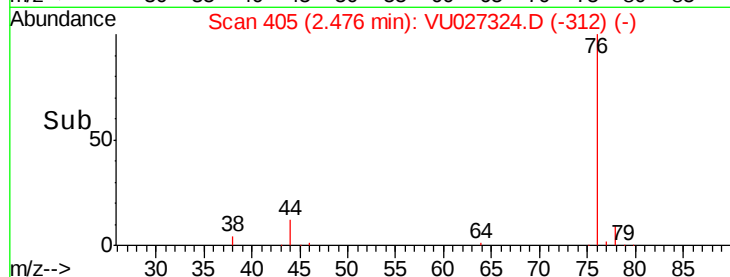
Abundance Ion 75.90 (75.60 to 76.60): VU027314.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VU027314.D (-392) (-)

2.48

2.40 2.45 2.50 2.55

Time-->



#18

Methyl Acetate

Concen: 19.639 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027324.D

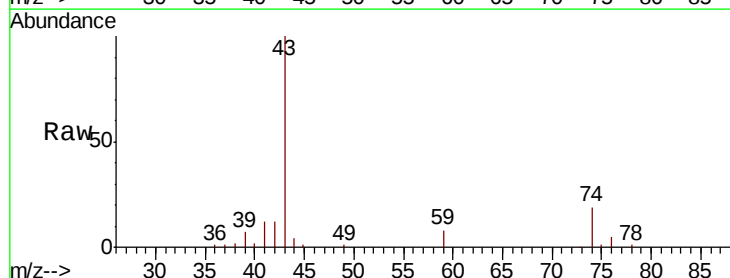
Acq: 01 Oct 2018 17:35

Tgt Ion: 43 Resp: 51824

Ion Ratio Lower Upper

43 100

74 19.7 16.5 24.7



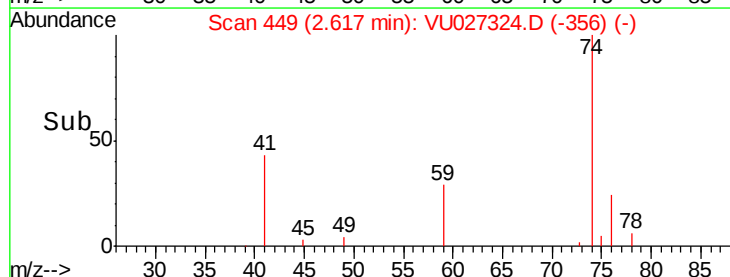
Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-434) (-)

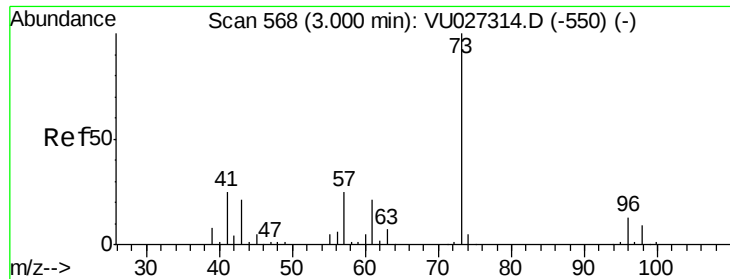
Ion 74.00 (73.70 to 74.70): VU027314.D (-434) (-)

2.62

2.55 2.60 2.65 2.70

Time-->

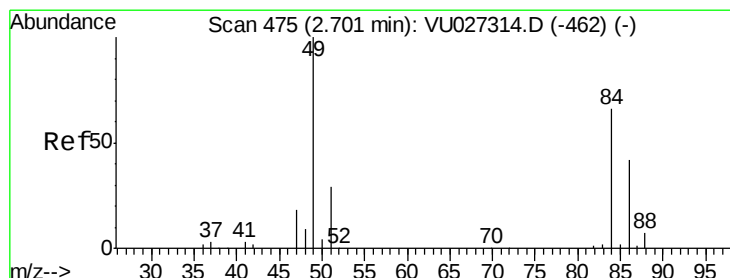
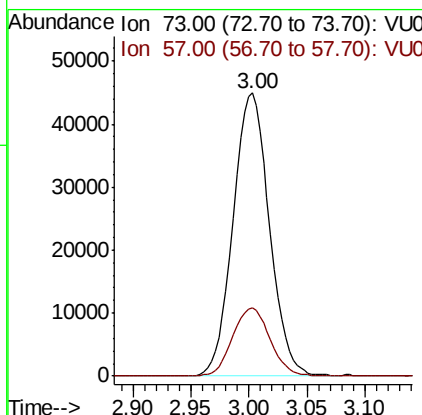
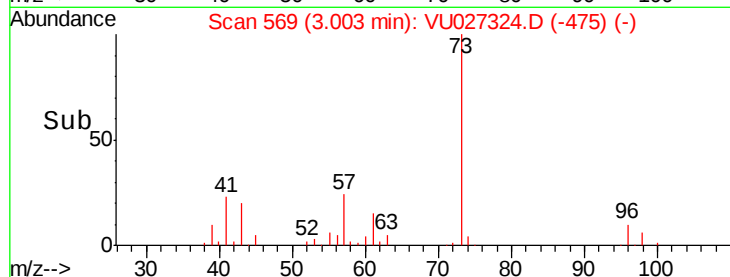
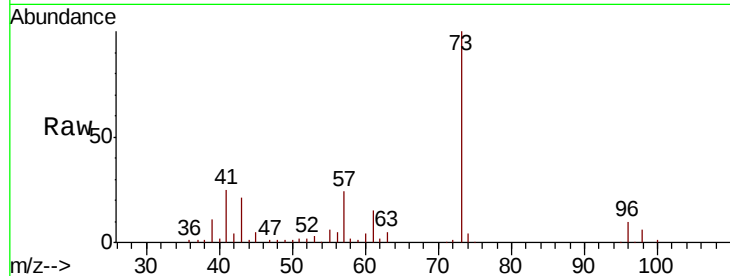




#19
Methvl tert-butvl Ether
Concen: 19.680 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

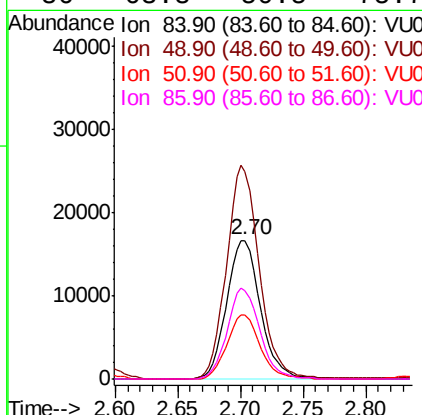
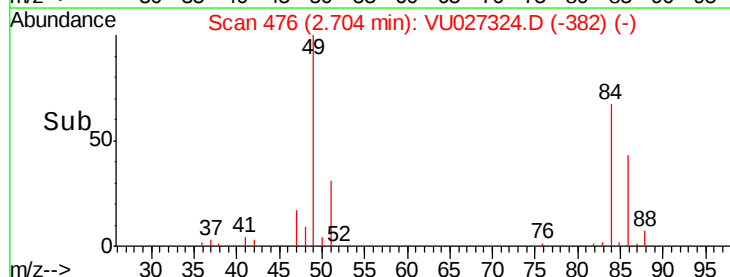
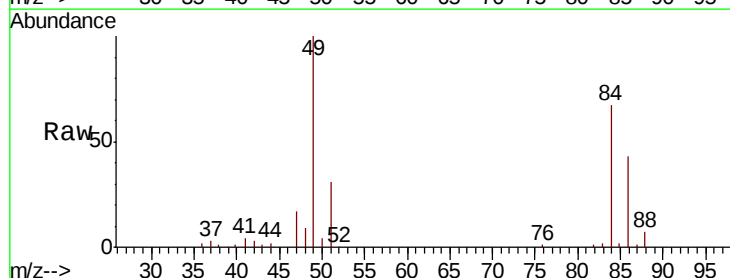
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

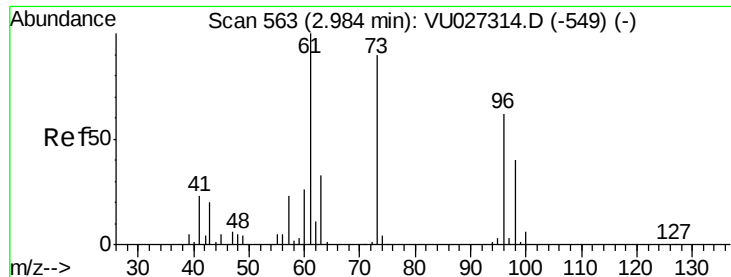
Tot Ion: 73 Resp: 97671
Ion Ratio Lower Upper
73 100
57 23.9 20.0 30.0



#20
Methylene Chloride
Concen: 19.315 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 84 Resp: 31121
Ion Ratio Lower Upper
84 100
49 149.5 120.5 180.7
51 46.5 35.1 52.7
86 63.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 20.004 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

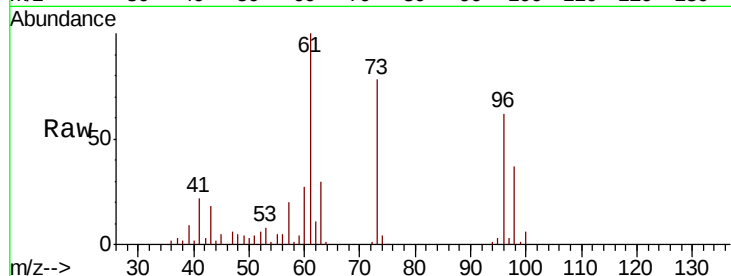
Tot Ion: 96 Resp: 27818

Ion Ratio Lower Upper

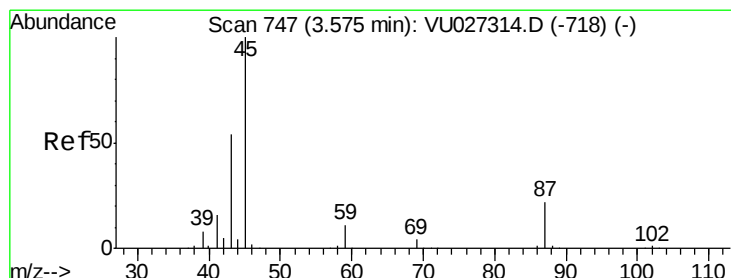
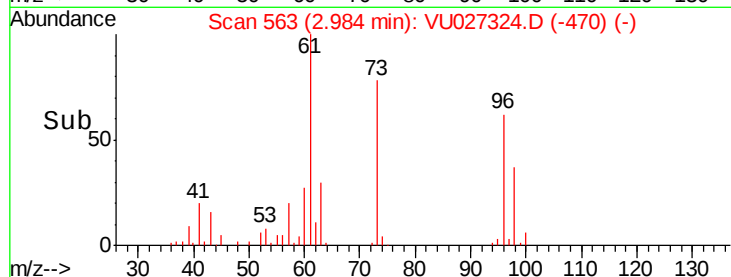
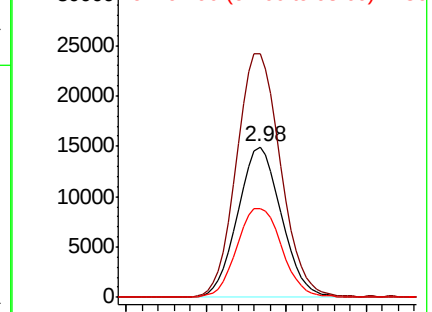
96 100

61 161.3 129.4 194.2

98 59.2 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: 20.154 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Tgt Ion: 45 Resp: 120486

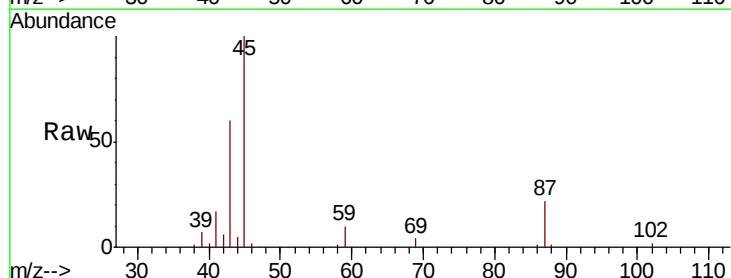
Ion Ratio Lower Upper

45 100

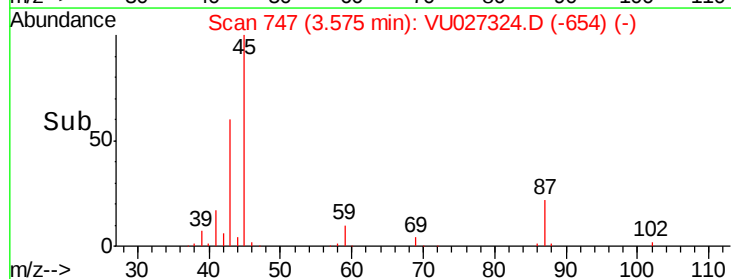
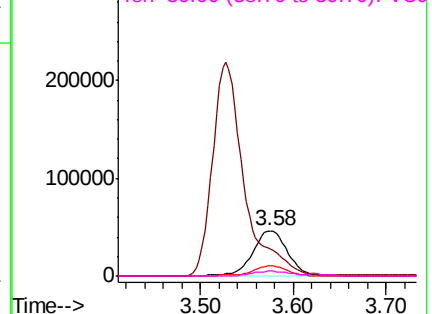
43 56.7 43.4 65.2

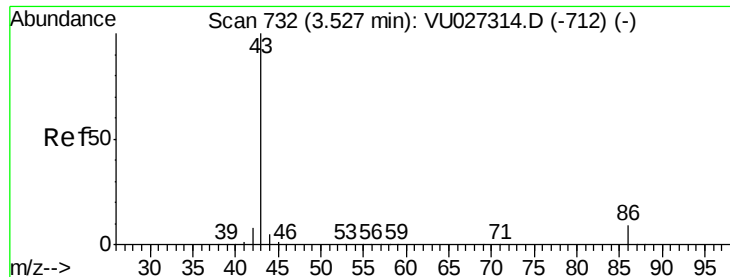
87 22.2 17.5 26.3

59 10.5 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: 100.031 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

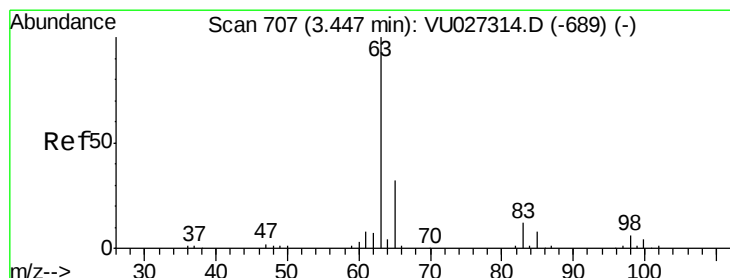
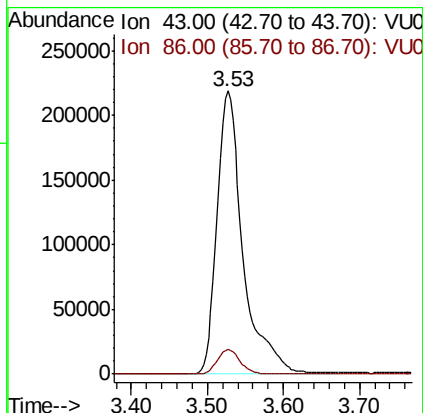
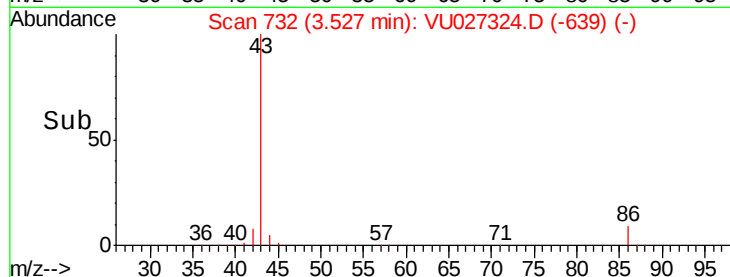
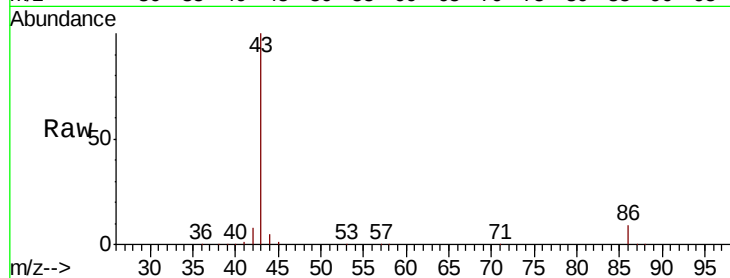
VU1001WBSD01

Tot Ion: 43 Resp: 522242

Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.4



#24

1,1-Dichloroethane

Concen: 20.142 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

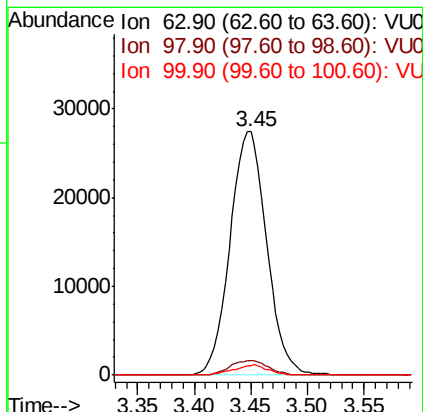
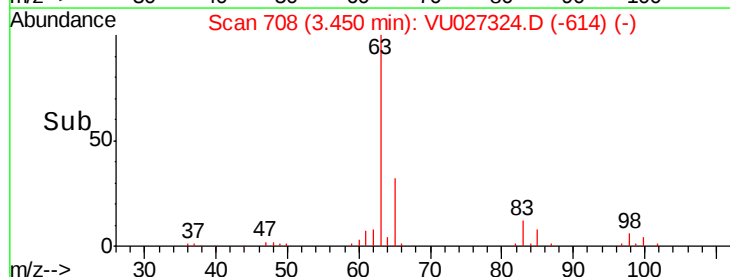
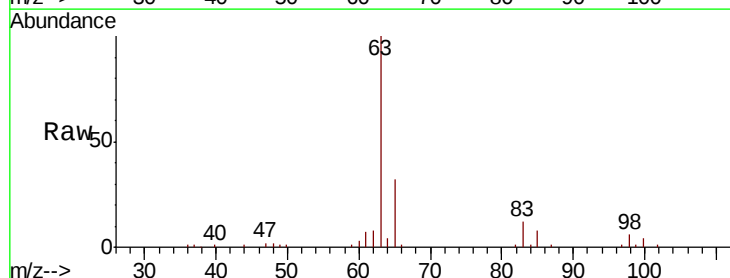
Tgt Ion: 63 Resp: 61902

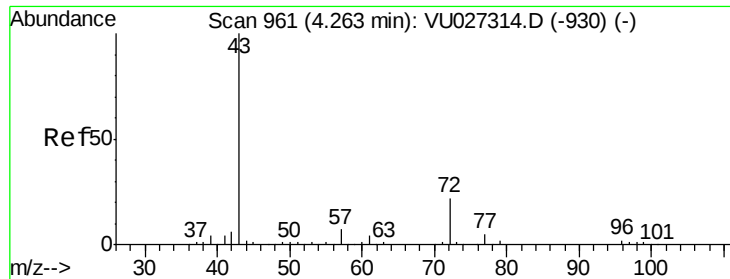
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 100.339 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

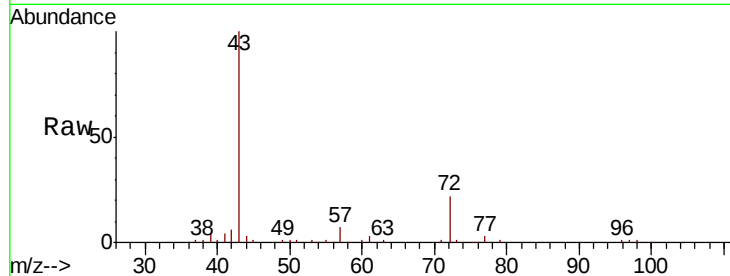
VU1001WBSD01

Tot Ion: 43 Resp: 158274

Ion Ratio Lower Upper

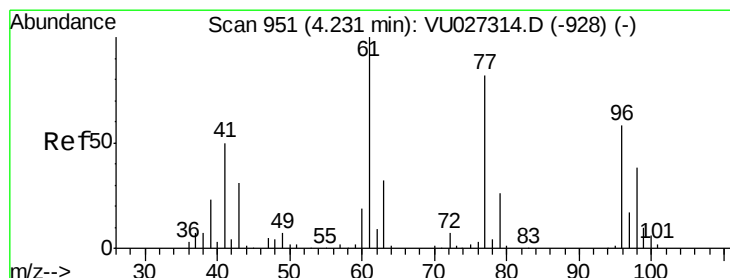
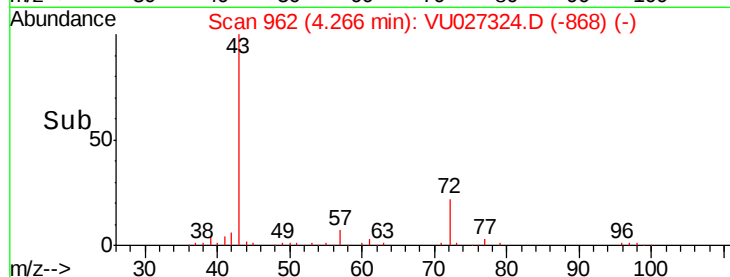
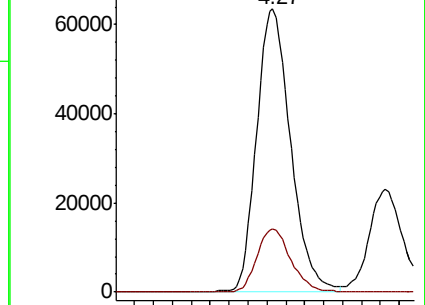
43 100

72 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU027324.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU027324.D (-930) (-)



#26

2,2-Dichloropropane

Concen: 19.072 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027324.D

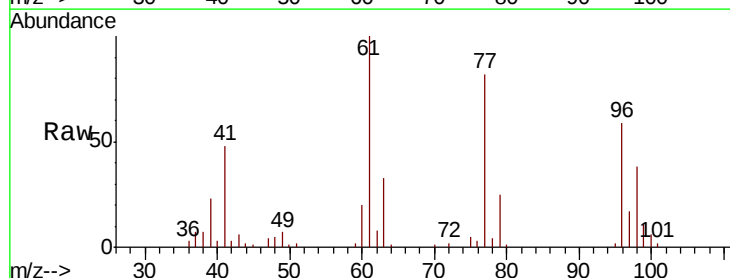
Acq: 01 Oct 2018 17:35

Tgt Ion: 77 Resp: 48163

Ion Ratio Lower Upper

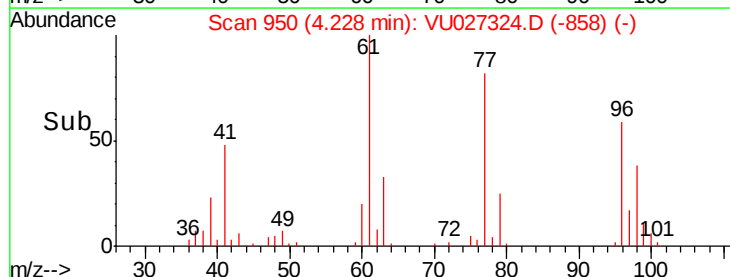
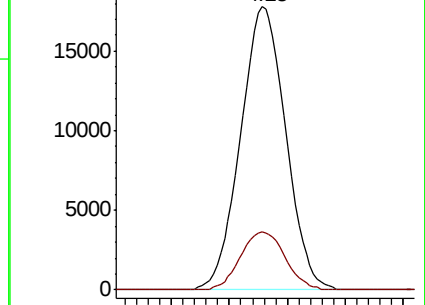
77 100

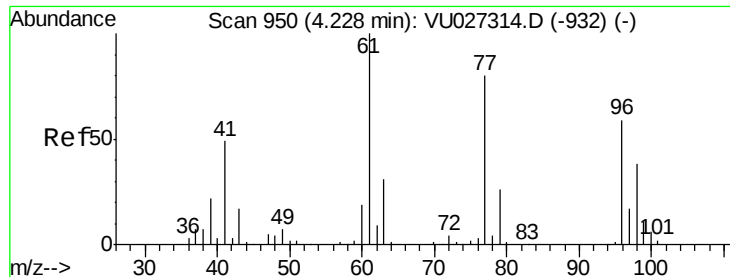
97 20.2 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU027324.D (-858) (-)

Ion 96.90 (96.60 to 97.60): VU027324.D (-858) (-)



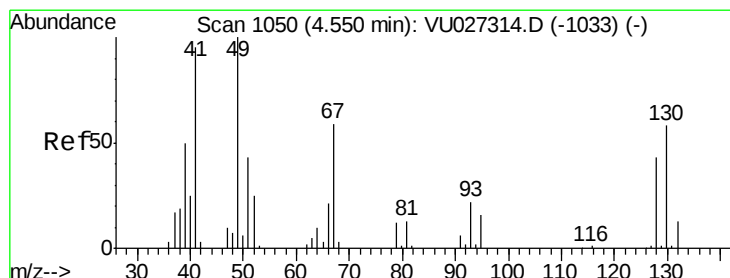
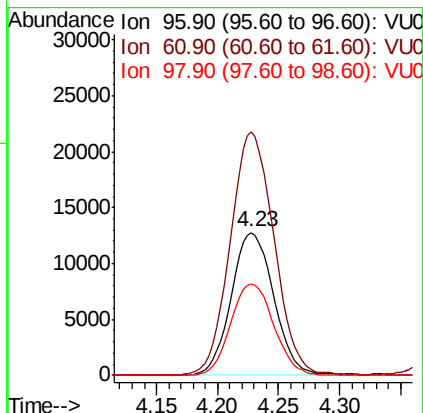
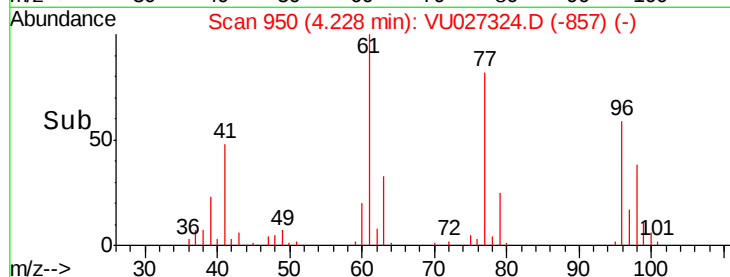
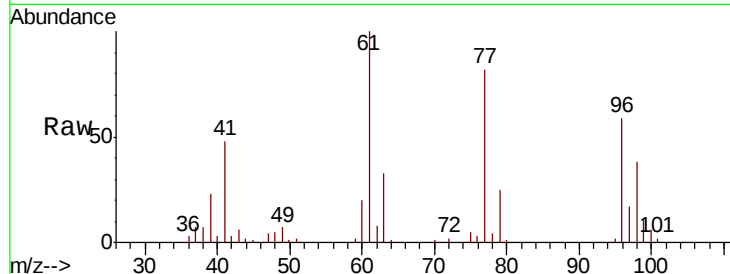


#27

cis-1,2-Dichloroethene
Concen: 19.368 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

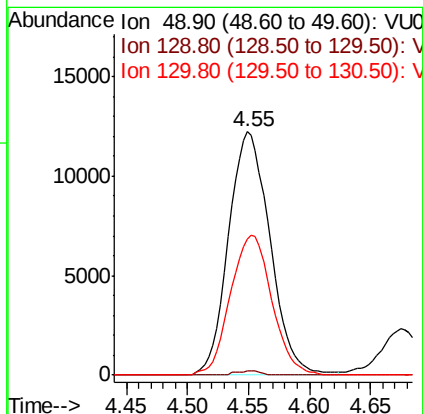
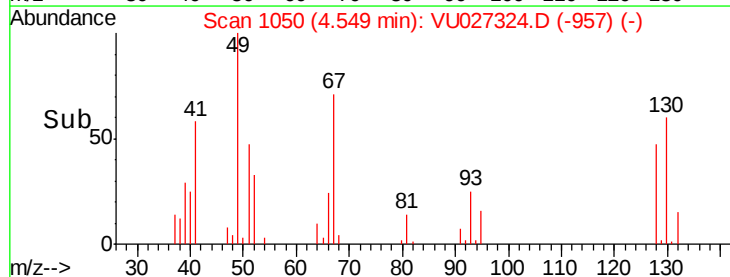
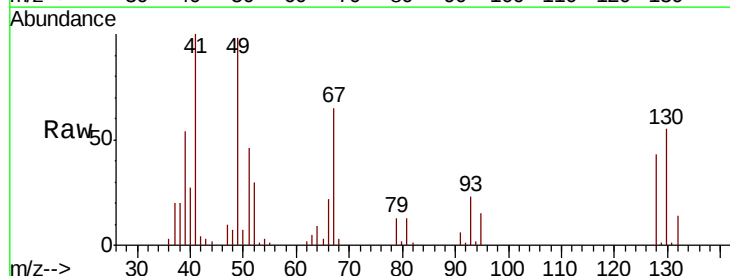
Tot Ion: 96 Resp: 30800
Ion Ratio Lower Upper
96 100
61 175.9 0.0 343.8
98 64.6 0.0 129.0

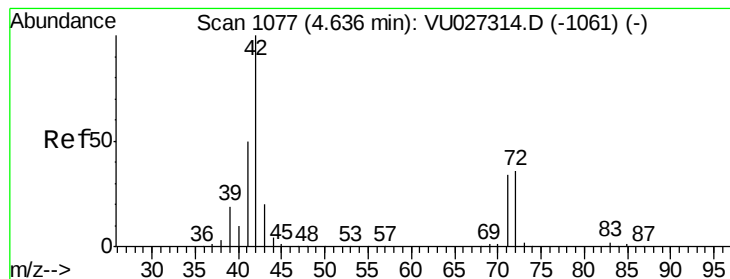


#28

Bromochloromethane
Concen: 19.501 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 49 Resp: 28915
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.0
130 57.2 46.1 69.1





#29

Tetrahydrofuran

Concen: 103.600 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

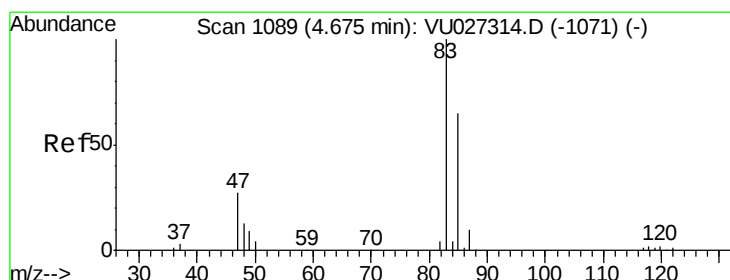
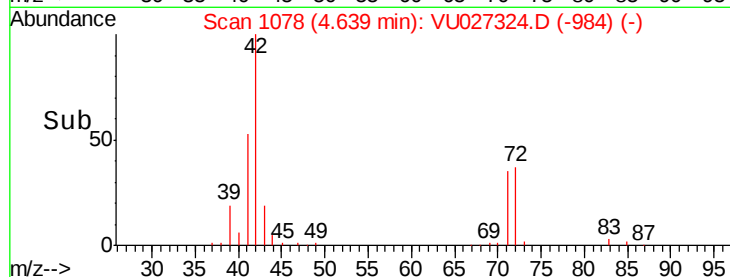
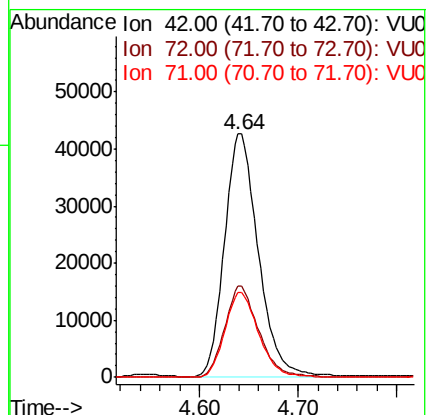
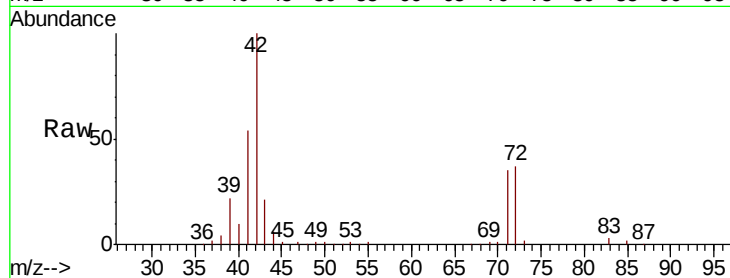
Tot Ion: 42 Resp: 102988

Ion Ratio Lower Upper

42 100

72 37.2 30.1 45.1

71 34.9 27.7 41.5



#30

Chloroform

Concen: 20.301 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027324.D

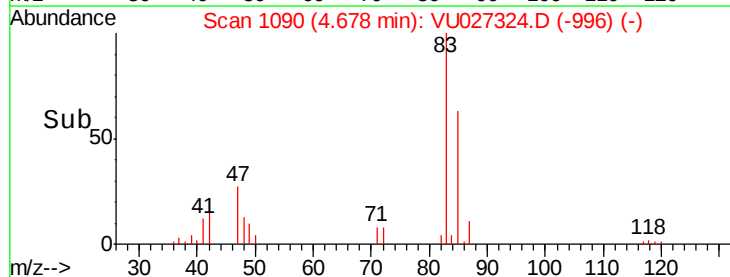
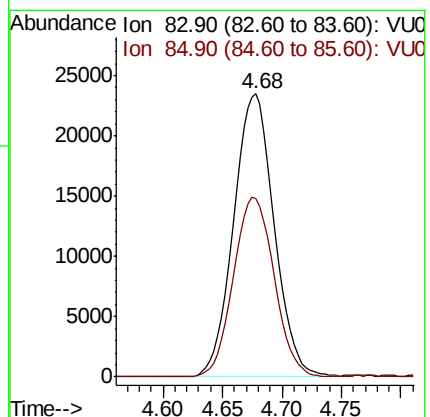
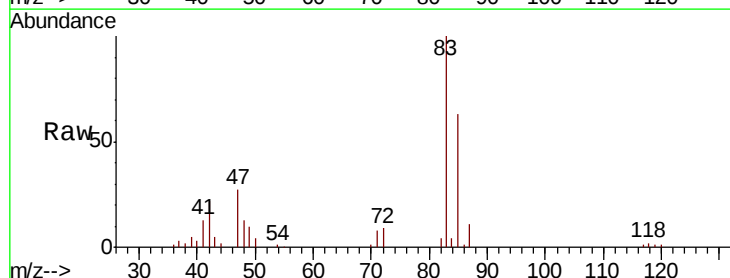
Acq: 01 Oct 2018 17:35

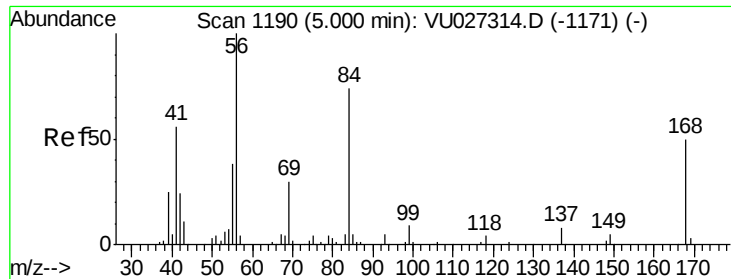
Tgt Ion: 83 Resp: 55431

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6

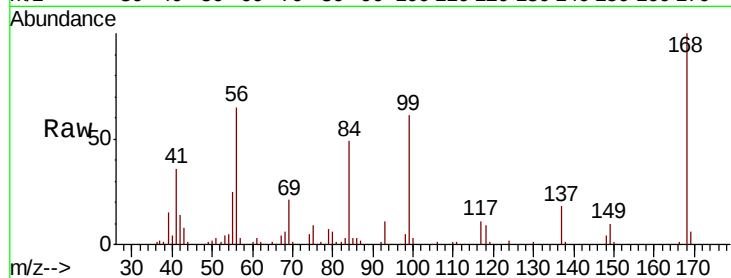




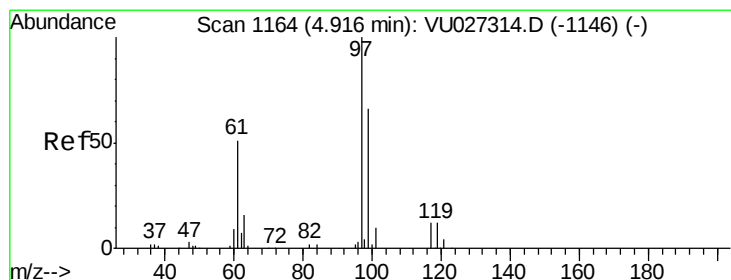
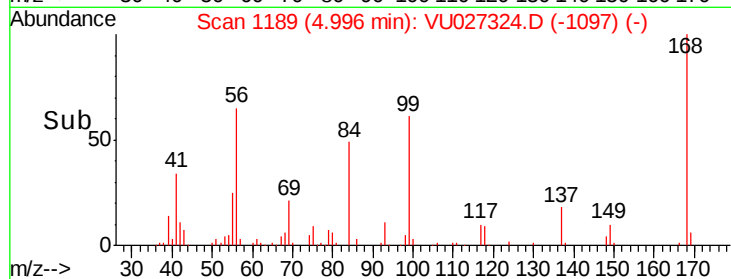
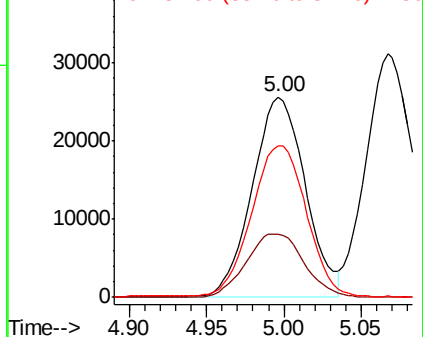
#31
Cyclohexane
Concen: 19.387 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

Tot Ion: 56 Resp: 61340
Ion Ratio Lower Upper
56 100
69 31.5 24.1 36.1
84 75.1 59.1 88.7

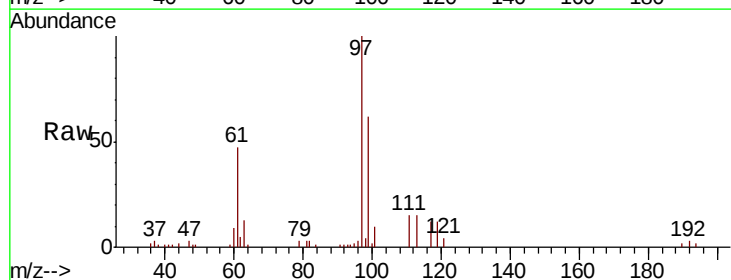


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

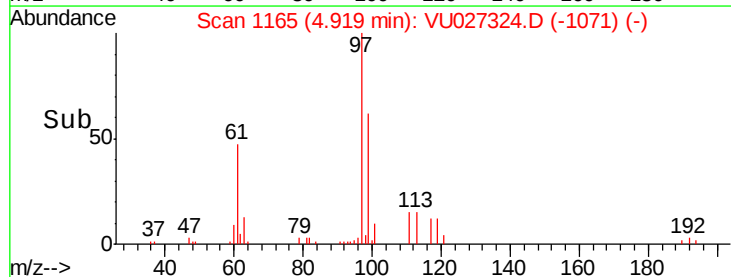
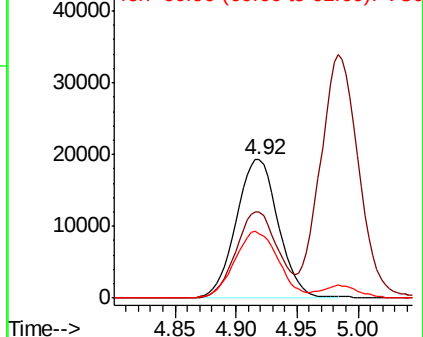


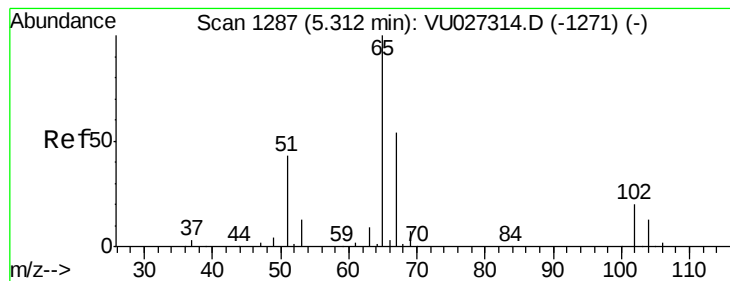
#32
1,1,1-Trichloroethane
Concen: 20.067 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 97 Resp: 46148
Ion Ratio Lower Upper
97 100
99 62.0 51.1 76.7
61 50.3 39.6 59.4



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 47.761 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

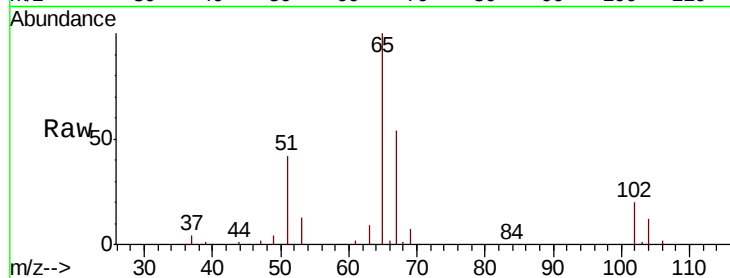
VU1001WBSD01

Tot Ion: 65 Resp: 93518

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

5.31

40000

30000

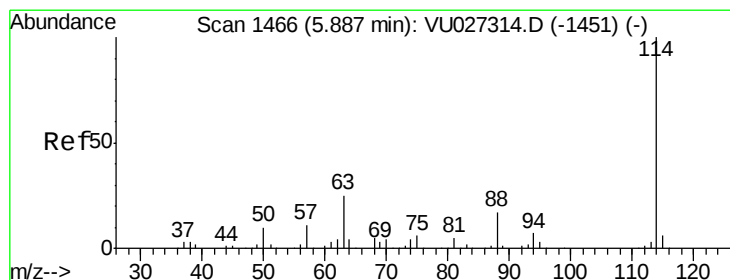
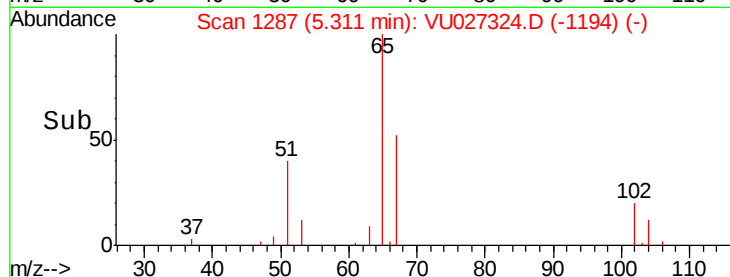
20000

10000

0

Time-->

5.25 5.30 5.35 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

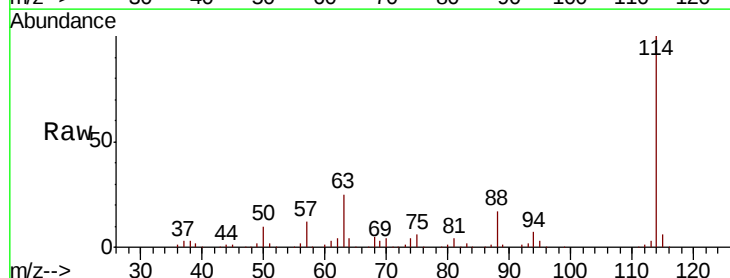
Tgt Ion: 114 Resp: 199992

Ion Ratio Lower Upper

114 100

63 25.0 0.0 50.2

88 17.1 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

5.89

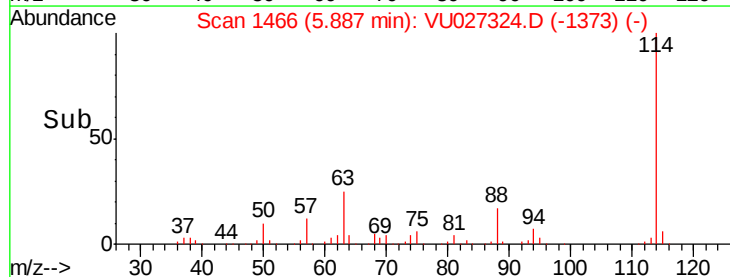
100000

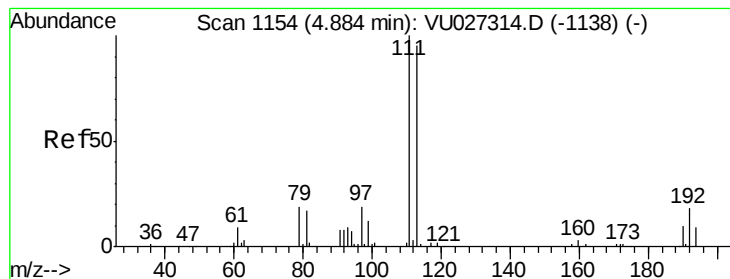
50000

0

Time-->

5.80 5.85 5.90 5.95





#35

Dibromofluoromethane

Concen: 48.123 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

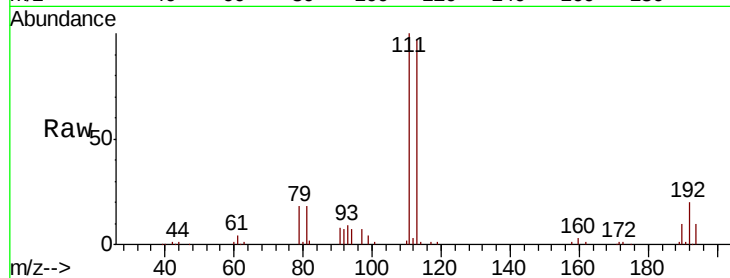
Tot Ion:113 Resp: 65958

Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

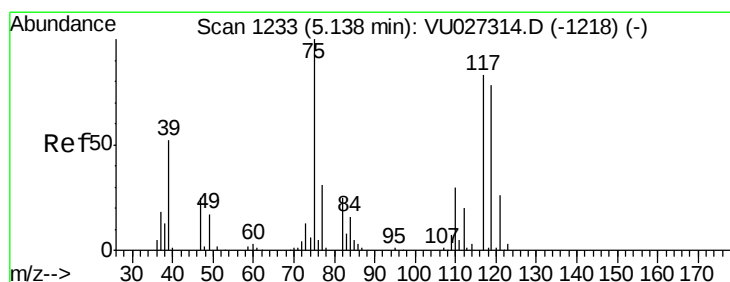
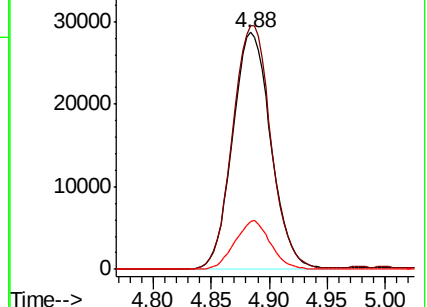
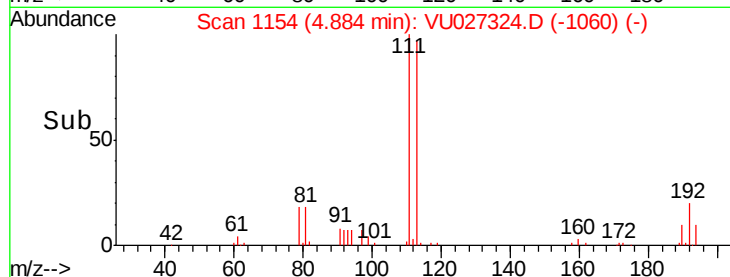
192 19.1 15.4 23.0



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: 19.244 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

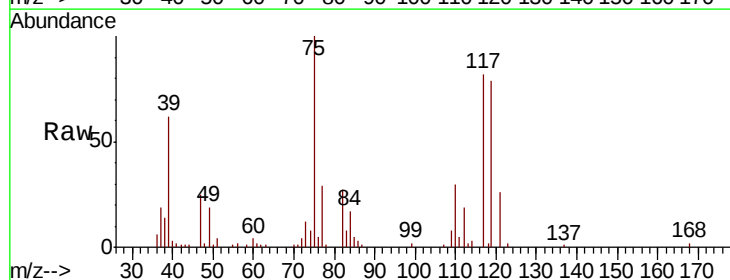
Tgt Ion: 75 Resp: 41787

Ion Ratio Lower Upper

75 100

110 31.0 15.5 46.5

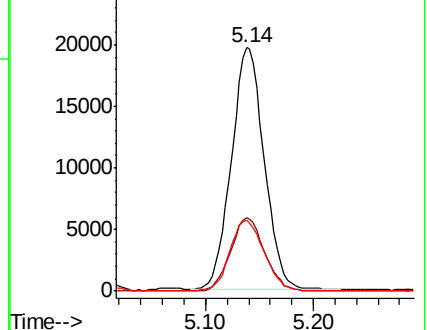
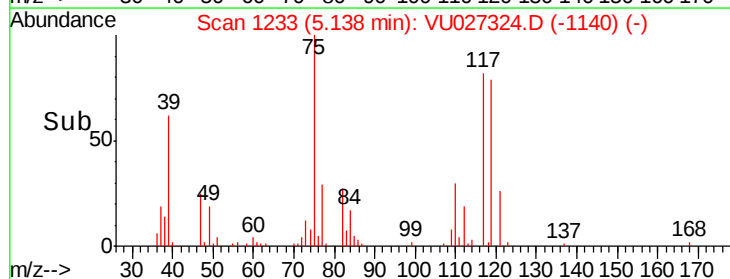
77 30.4 25.4 38.0

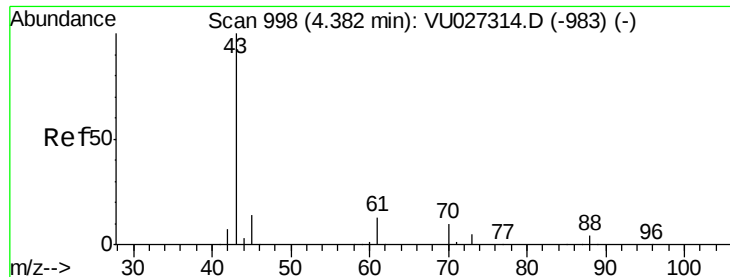


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 20.005 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

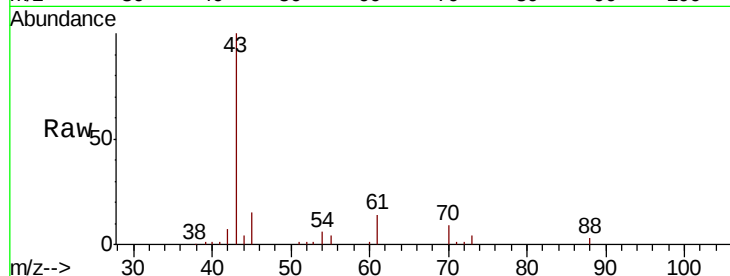
Tot Ion: 43 Resp: 56141

Ion Ratio Lower Upper

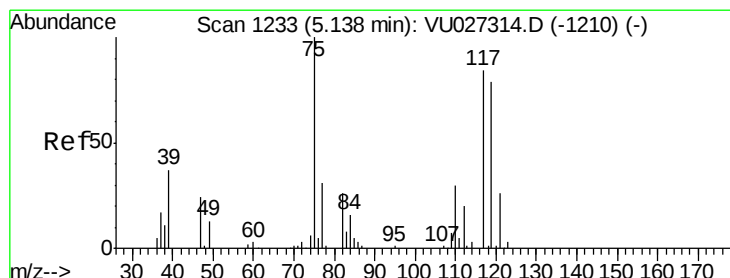
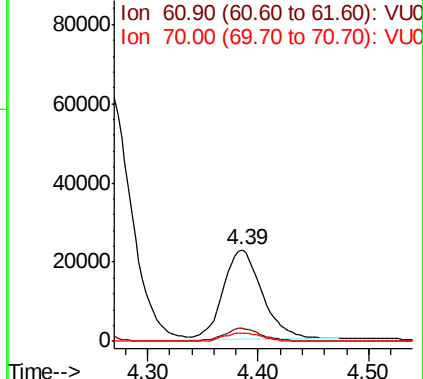
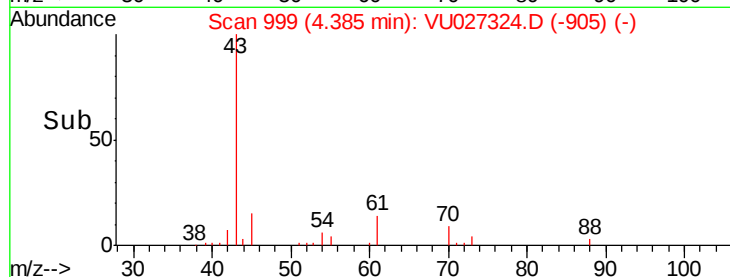
43 100

61 14.2 10.7 16.1

70 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027324.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 19.657 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

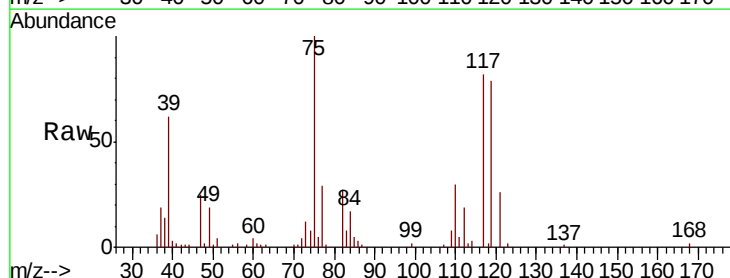
Tgt Ion: 117 Resp: 38558

Ion Ratio Lower Upper

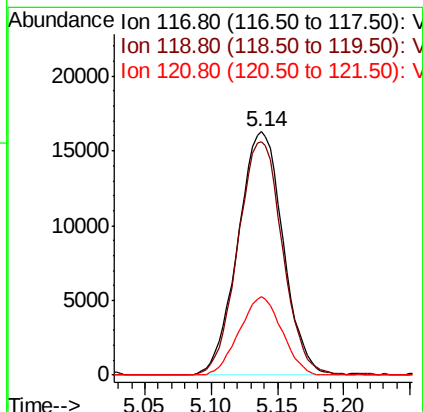
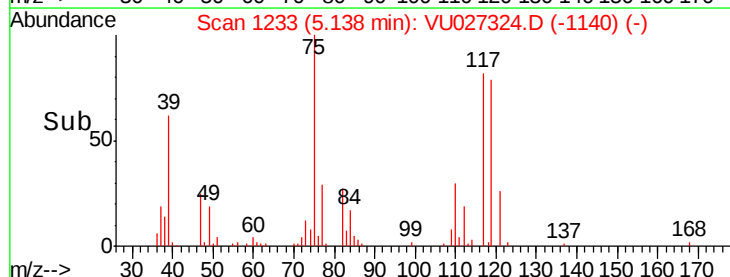
117 100

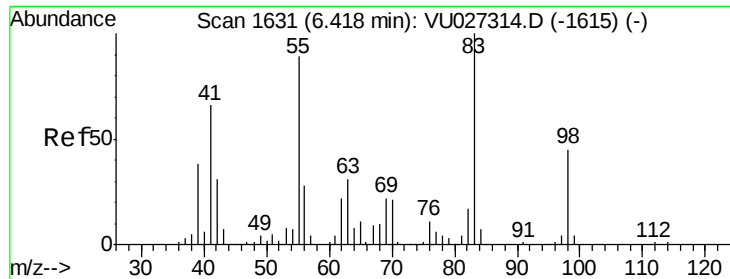
119 96.1 74.5 111.7

121 32.0 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): VU027324.D (-1140) (-)

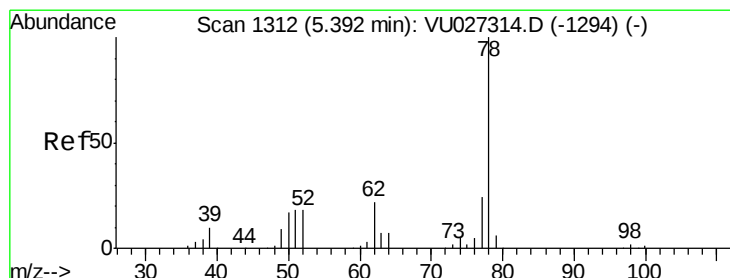
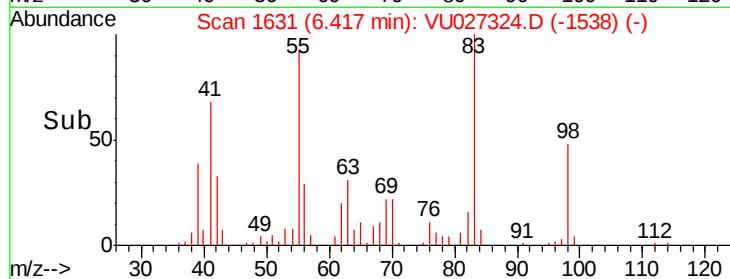
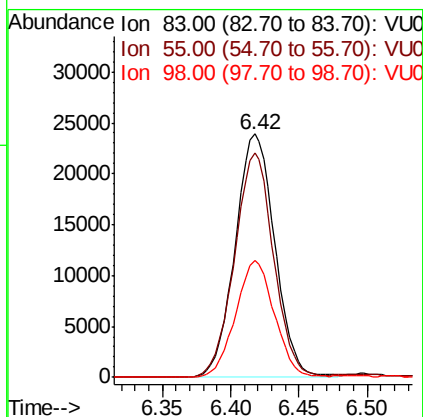
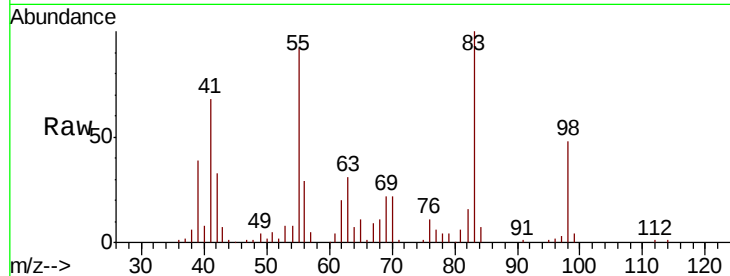




#39
Methvlcvclohexane
Concen: 19.029 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

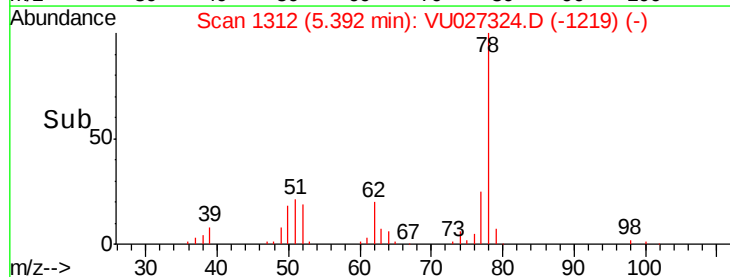
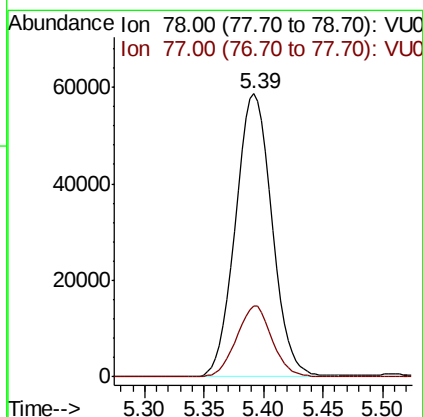
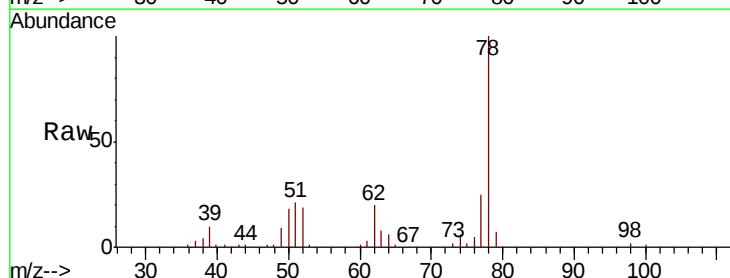
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

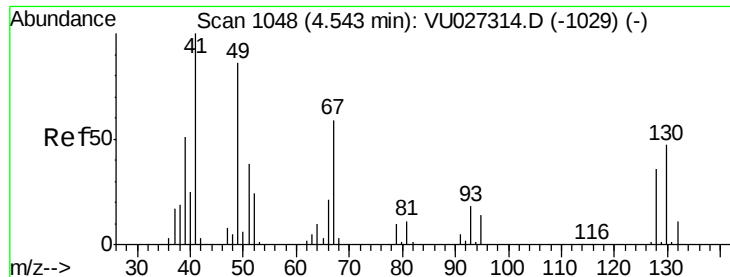
Tot Ion: 83 Resp: 48302
Ion Ratio Lower Upper
83 100
55 92.2 71.1 106.7
98 47.8 36.3 54.5



#40
Benzene
Concen: 19.795 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 78 Resp: 125206
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9

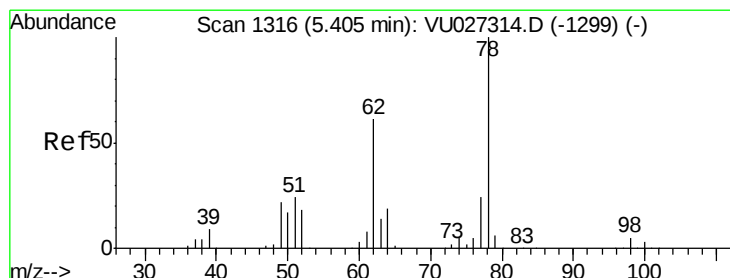
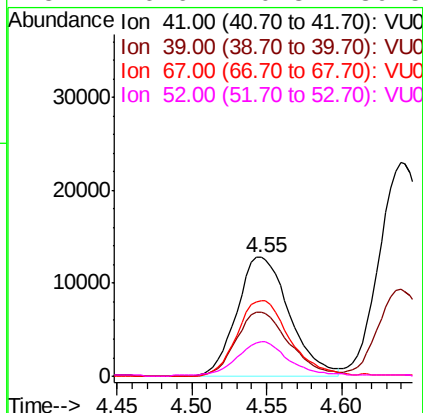
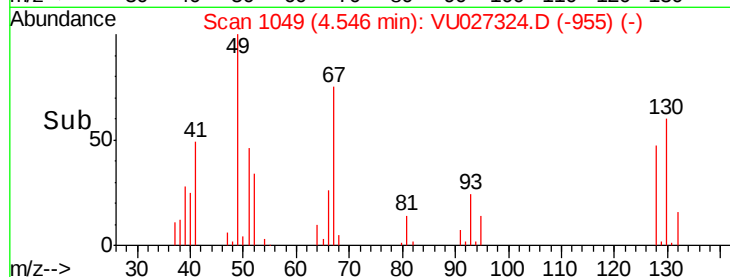
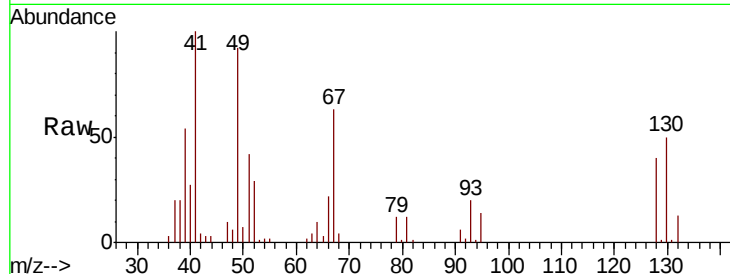




#41
Methacrylonitrile
Concen: 19.804 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

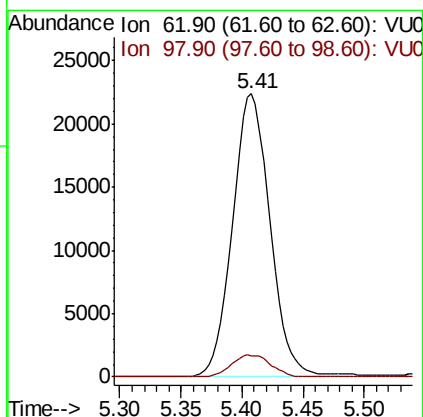
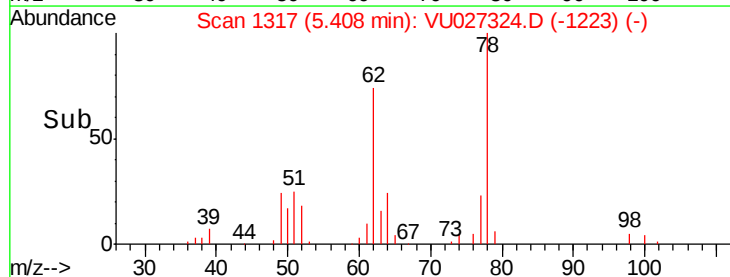
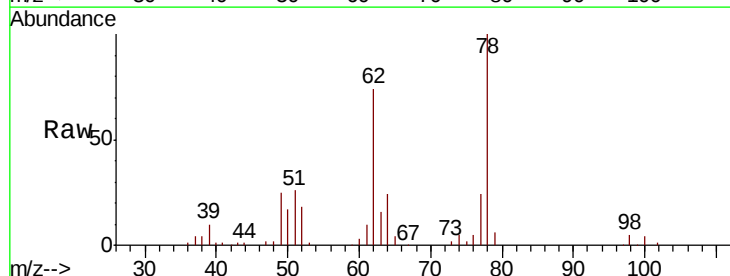
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

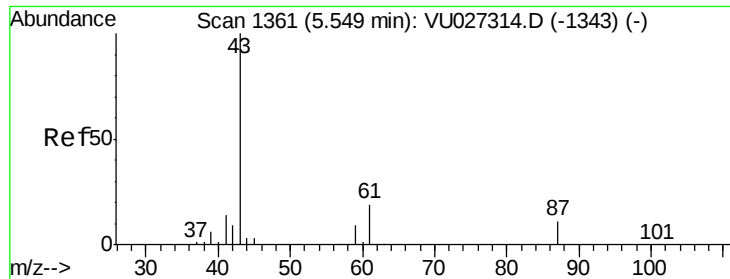
Tot Ion: 41 Resp: 31414
Ion Ratio Lower Upper
41 100
39 54.5 41.1 61.7
67 62.8 50.4 75.6
52 26.6 20.3 30.5



#42
1,2-Dichloroethane
Concen: 20.338 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 62 Resp: 47751
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.8





#43

Isopropyl Acetate

Concen: 20.204 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

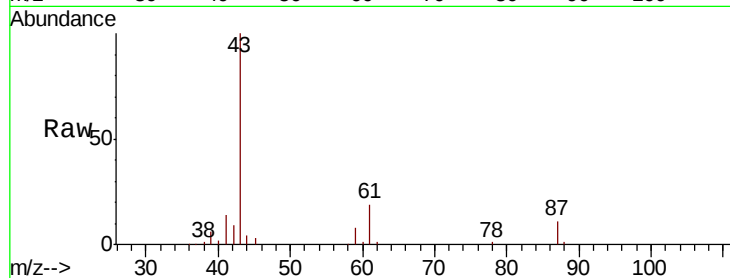
Tot Ion: 43 Resp: 88063

Ion Ratio Lower Upper

43 100

61 18.6 15.3 22.9

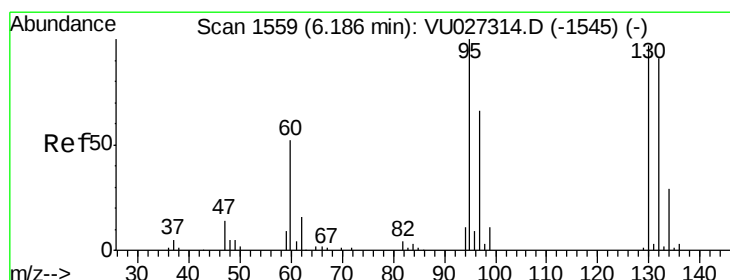
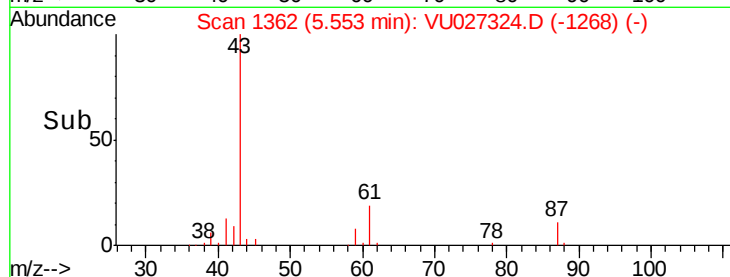
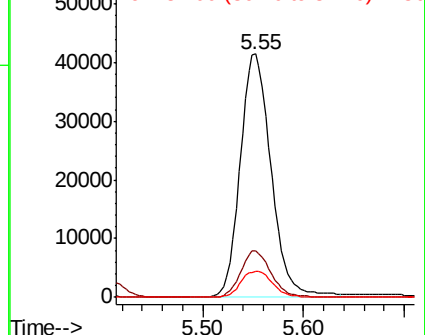
87 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027314.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-1343) (-)



#44

Trichloroethene

Concen: 19.168 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027324.D

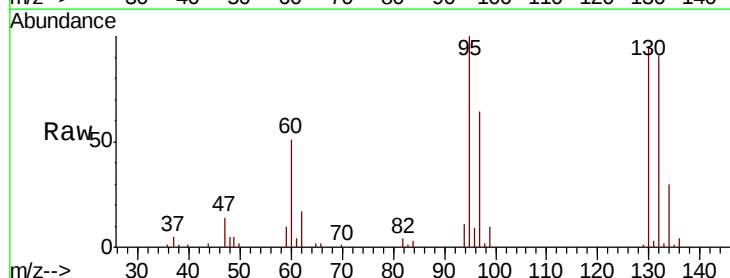
Acq: 01 Oct 2018 17:35

Tgt Ion: 130 Resp: 27035

Ion Ratio Lower Upper

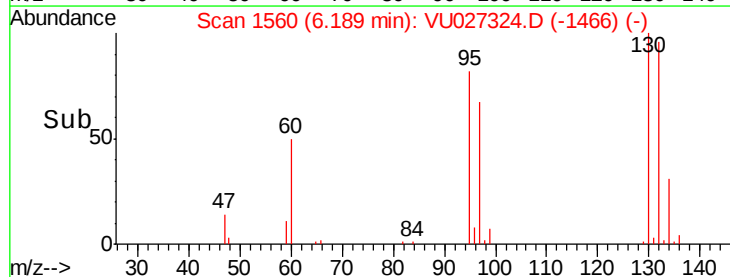
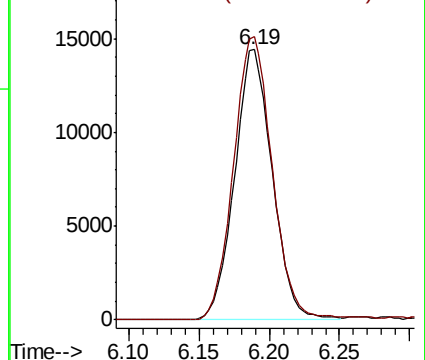
130 100

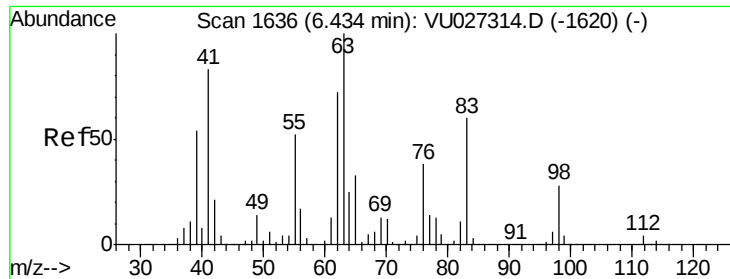
95 104.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027314.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027314.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 20.118 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

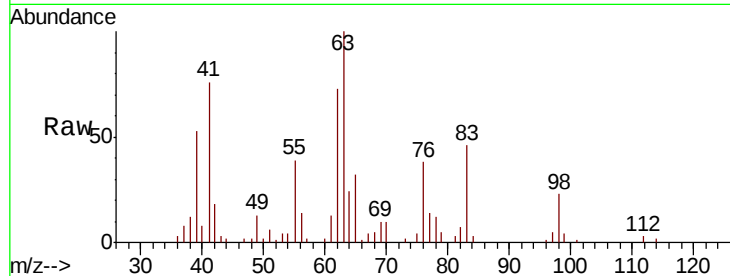
VU1001WBSD01

Tot Ion: 63 Resp: 36703

Ion Ratio Lower Upper

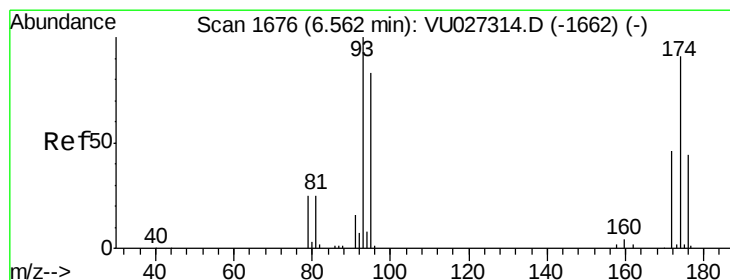
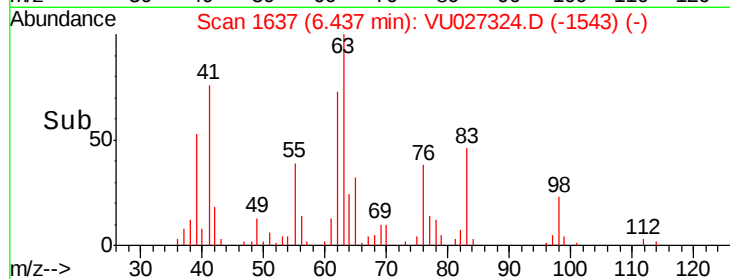
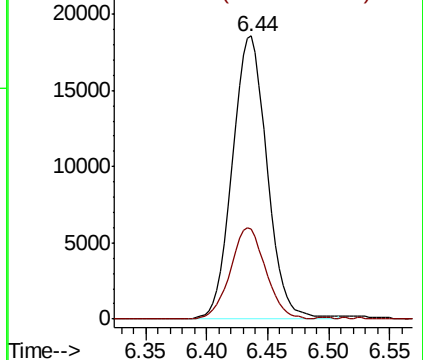
63 100

65 31.8 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 20.767 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

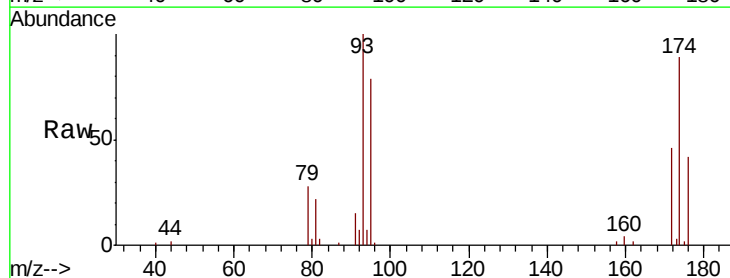
Tgt Ion: 93 Resp: 21398

Ion Ratio Lower Upper

93 100

95 79.6 66.5 99.7

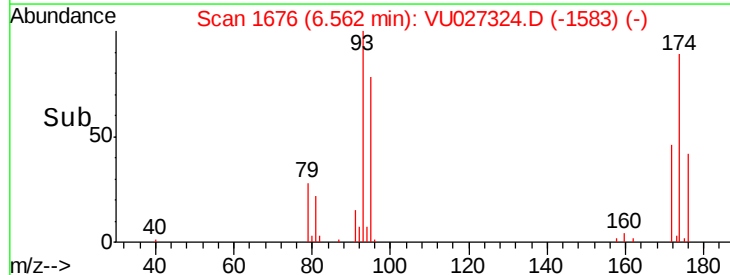
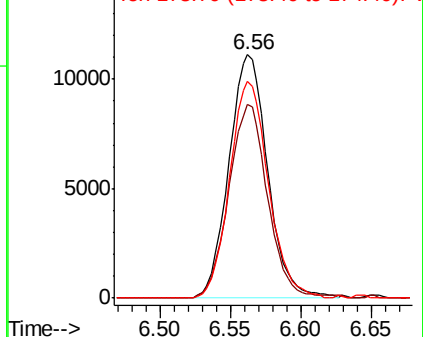
174 89.1 72.5 108.7

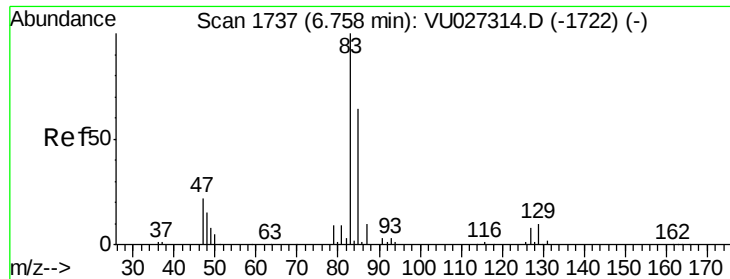


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.664 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

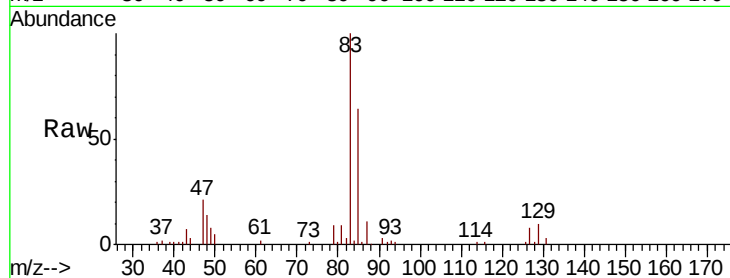
Tot Ion: 83 Resp: 42043

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

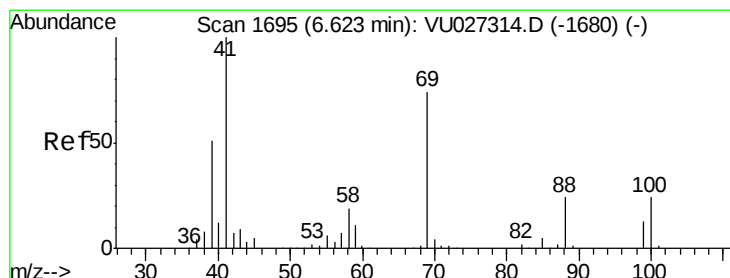
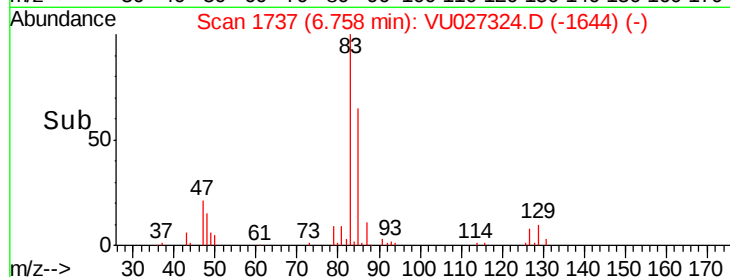
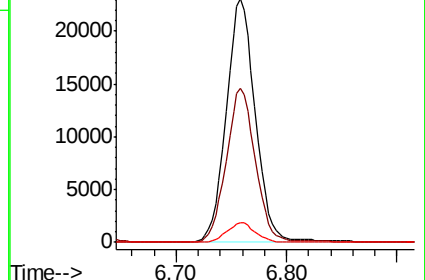
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0



#48

Methyl methacrylate

Concen: 20.038 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

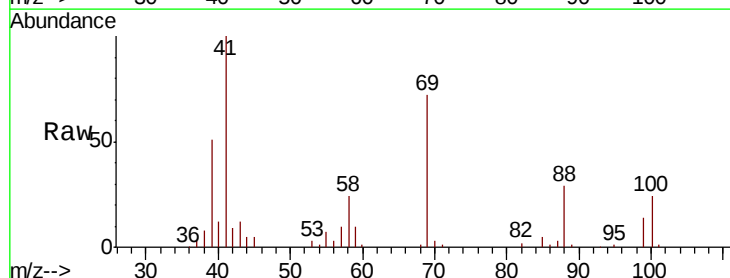
Tgt Ion: 41 Resp: 43433

Ion Ratio Lower Upper

41 100

69 73.4 61.0 91.4

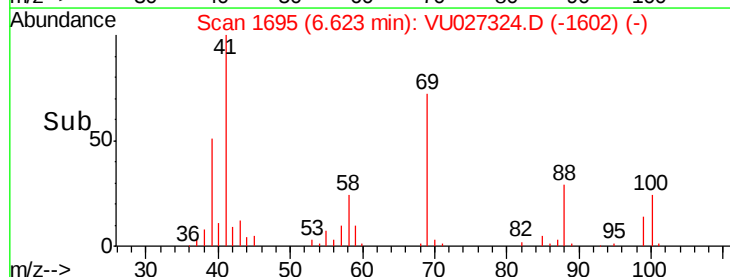
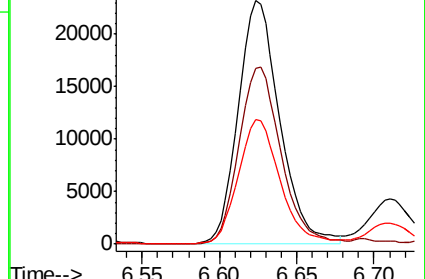
39 51.9 39.9 59.9

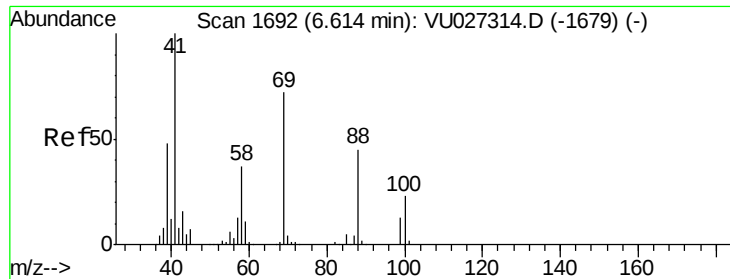


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

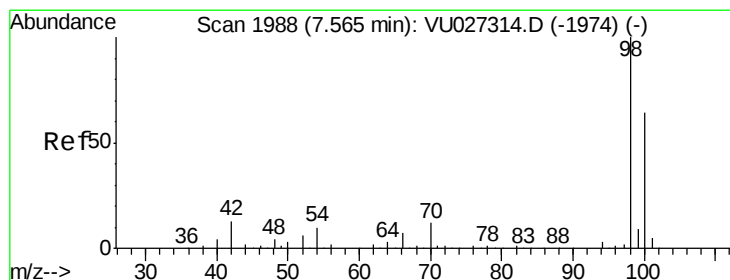
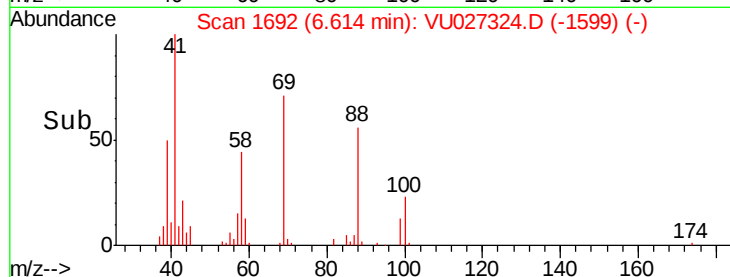
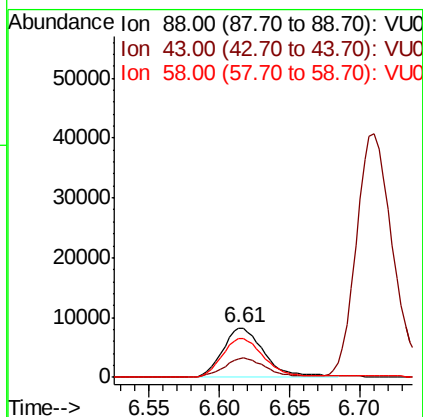
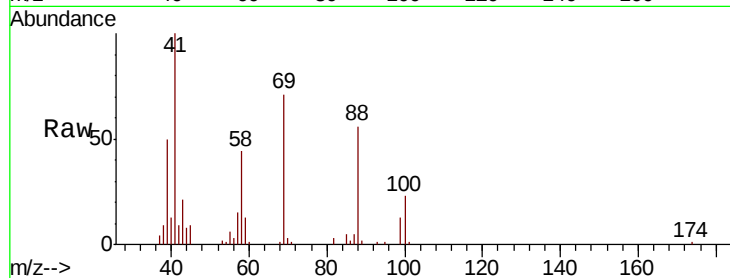




#49
1,4-Dioxane
Concen: 455.737 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

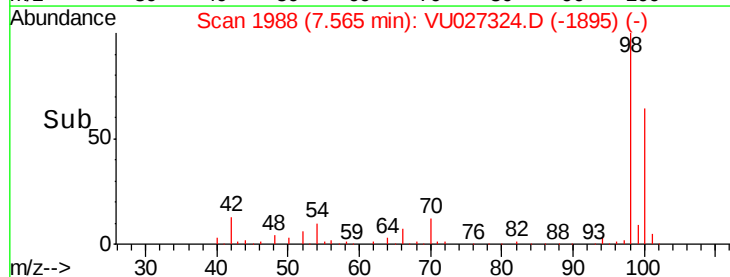
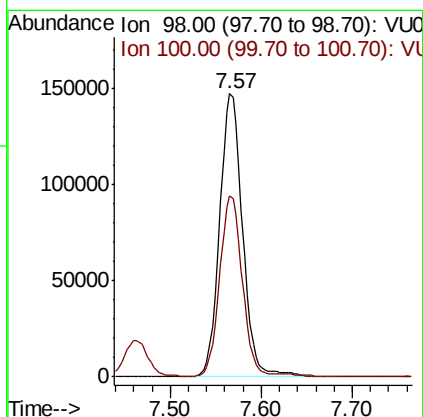
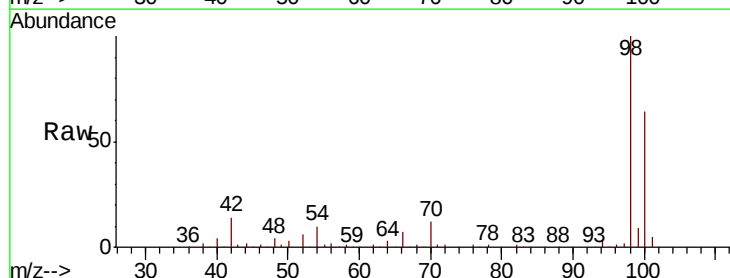
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

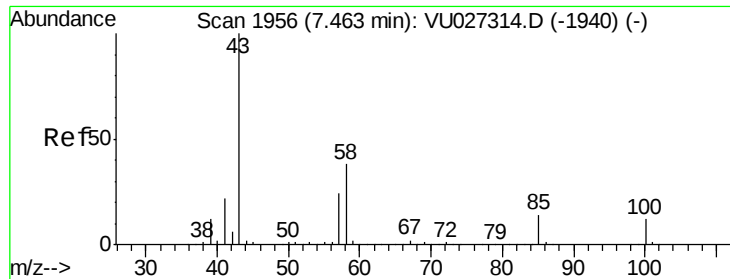
Tot Ion: 88 Resp: 16996
Ion Ratio Lower Upper
88 100
43 39.6 30.8 46.2
58 77.9 67.0 100.6



#50
Toluene-d8
Concen: 50.264 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 98 Resp: 257844
Ion Ratio Lower Upper
98 100
100 62.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 102.328 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

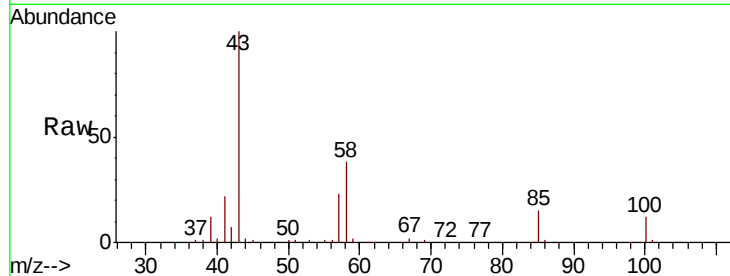
VU1001WBSD01

Tot Ion: 43 Resp: 289824

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU027324.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027324.D (-1940) (-)

7.46

150000

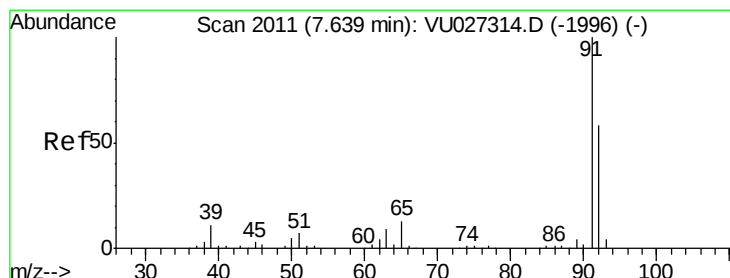
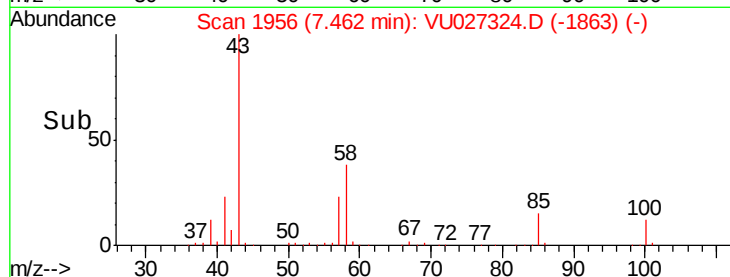
100000

50000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 19.988 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027324.D

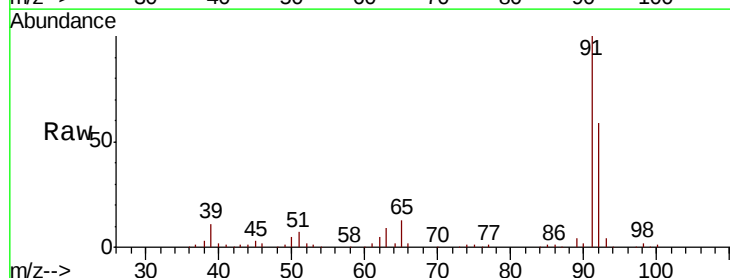
Acq: 01 Oct 2018 17:35

Tgt Ion: 92 Resp: 74833

Ion Ratio Lower Upper

92 100

91 172.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027324.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027324.D (-1996) (-)

7.64

80000

60000

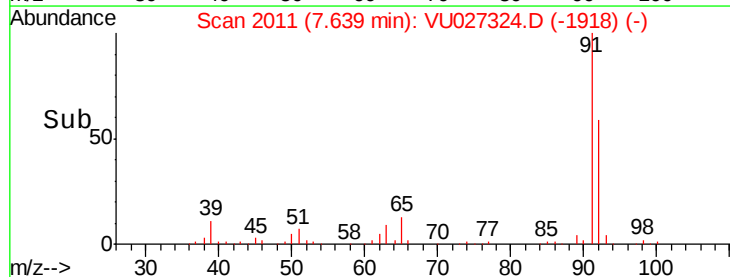
40000

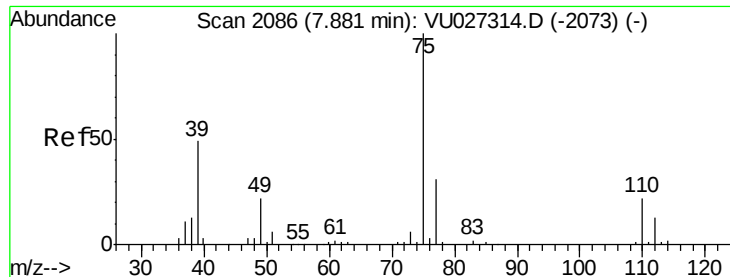
20000

0

7.60 7.70 7.80

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.625 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

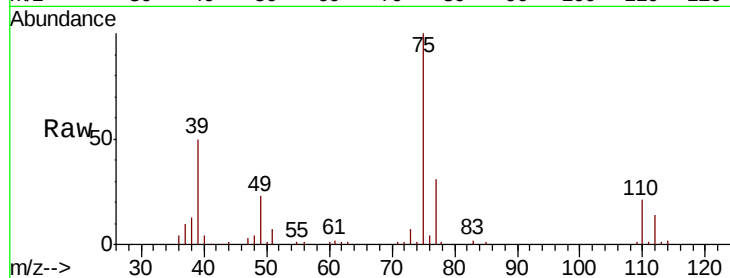
VU1001WBSD01

Tot Ion: 75 Resp: 49196

Ion Ratio Lower Upper

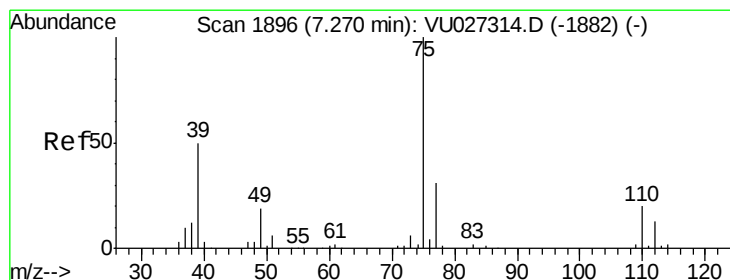
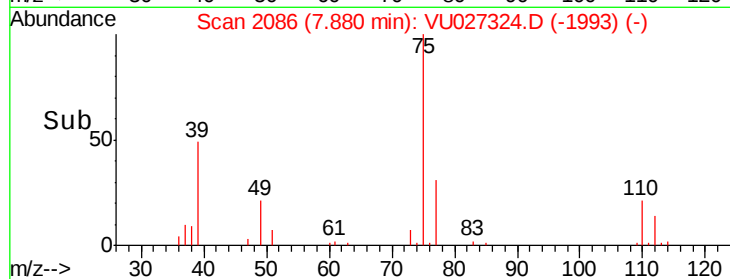
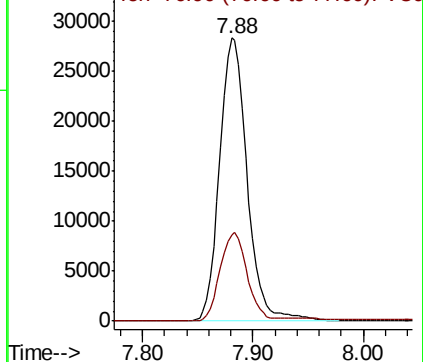
75 100

77 30.7 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: 19.785 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

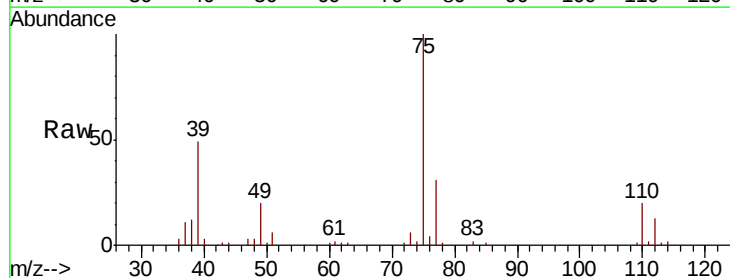
Tgt Ion: 75 Resp: 53320

Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7

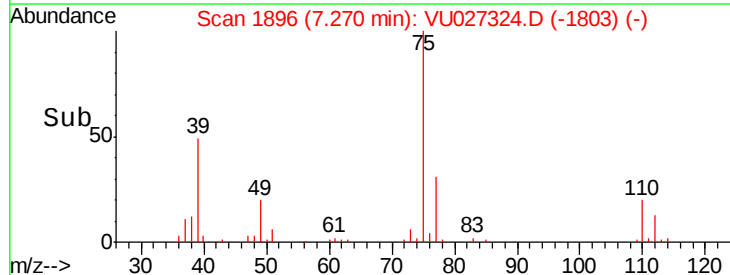
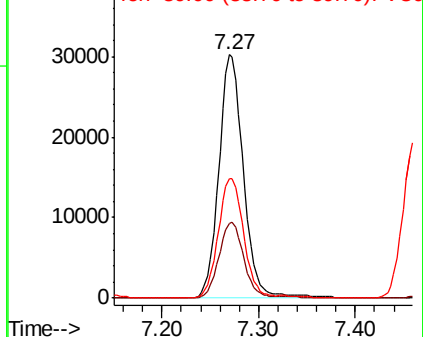
39 49.1 40.1 60.1

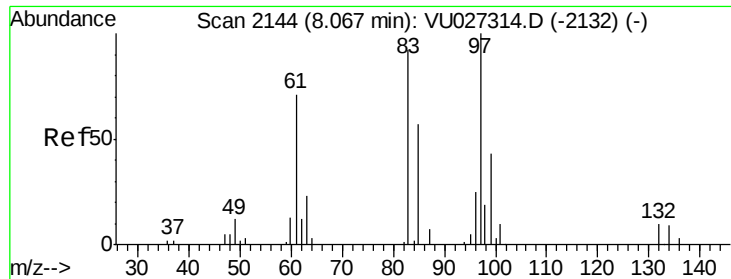


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0



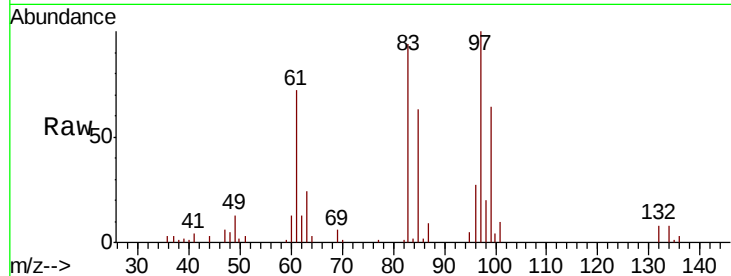


#55
 1,1,2-Trichloroethane
 Concen: 20.068 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

Tot Ion: 97 Resp: 29788

Ion	Ratio	Lower	Upper
97	100		
83	93.5	73.0	109.6
85	62.5	47.3	70.9
99	64.0	49.7	74.5



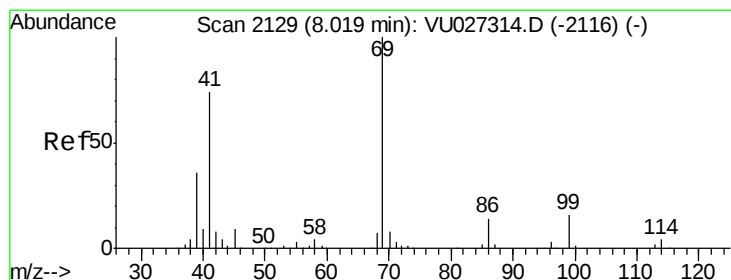
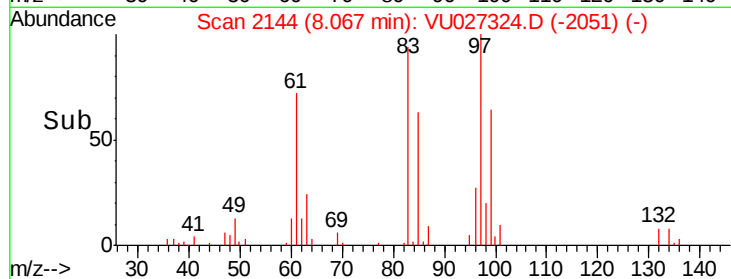
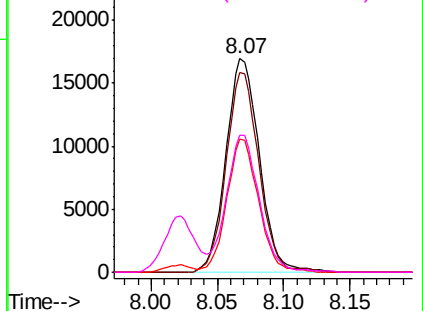
Abundance

Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

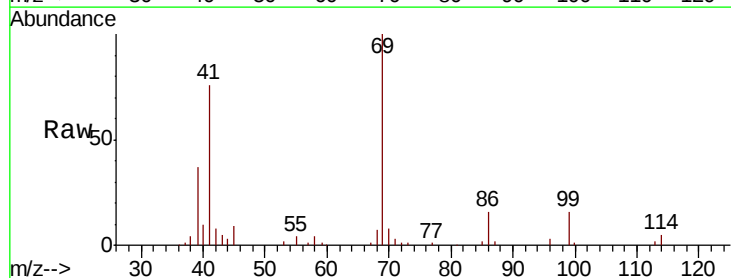
Ion 98.90 (98.60 to 99.60): VU0



#56
 Ethyl methacrylate
 Concen: 18.825 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion: 69 Resp: 49294

Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.0	90.0
39	37.6	29.5	44.3

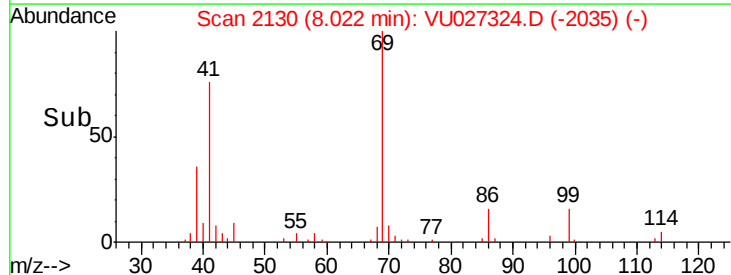
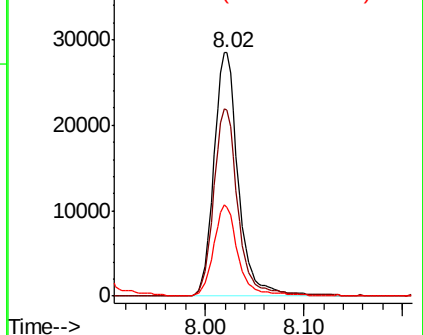


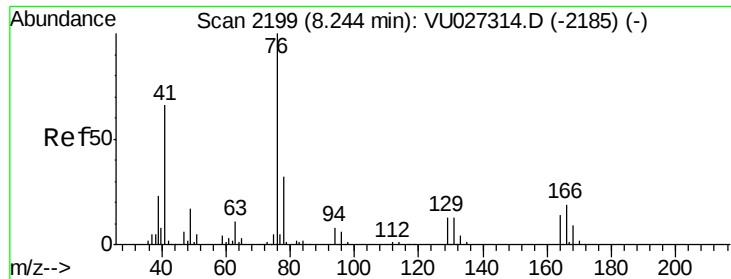
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

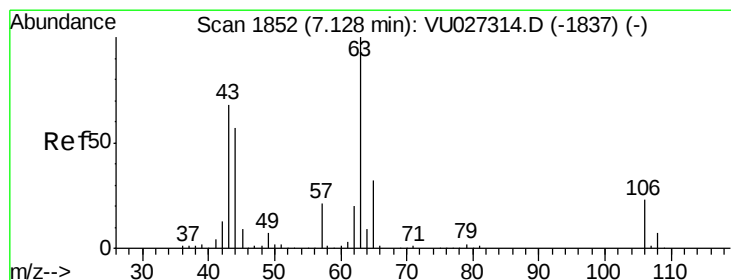
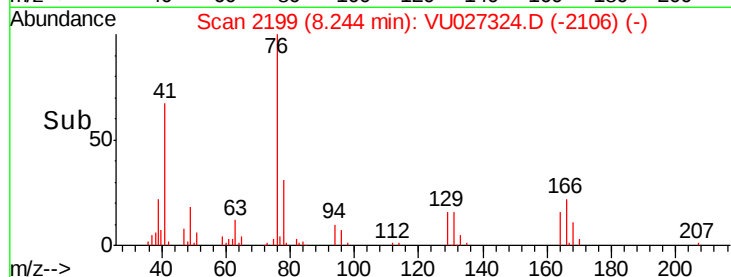
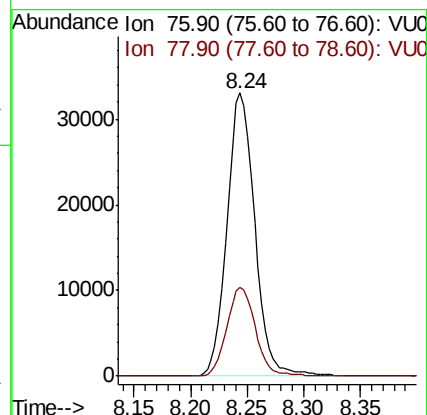
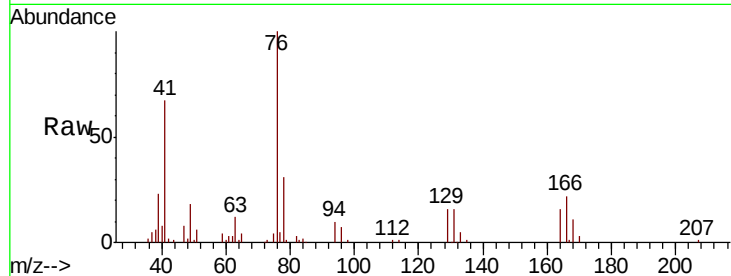




#57
 1,3-Dichloropropane
 Concen: 19.693 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

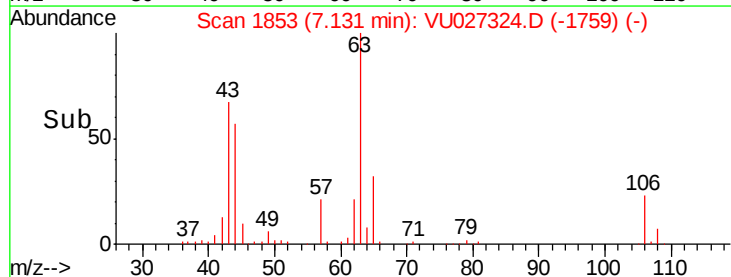
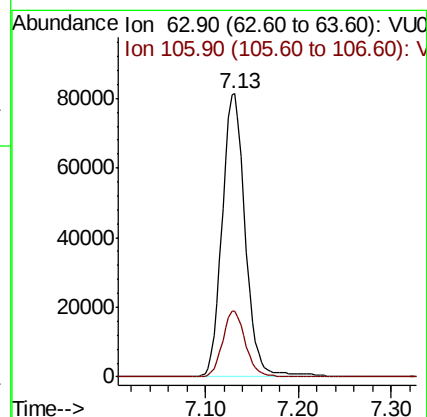
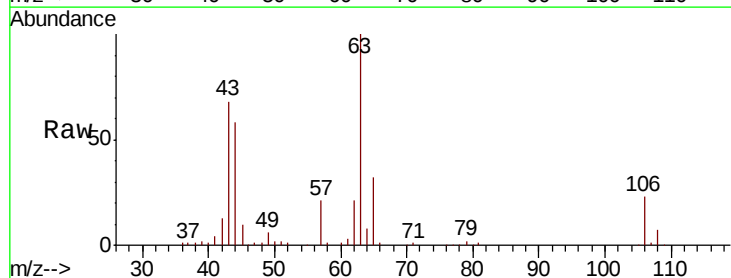
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

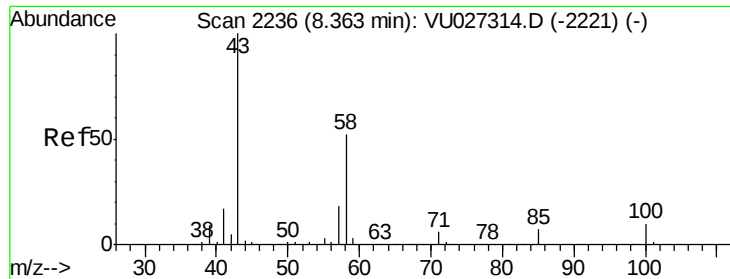
Tot Ion: 76 Resp: 56746
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.774 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion: 63 Resp: 141310
 Ion Ratio Lower Upper
 63 100
 106 22.9 18.5 27.7

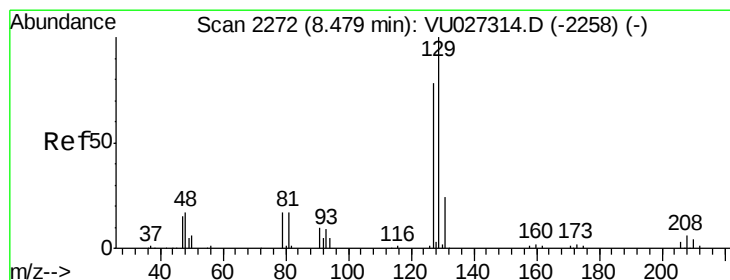
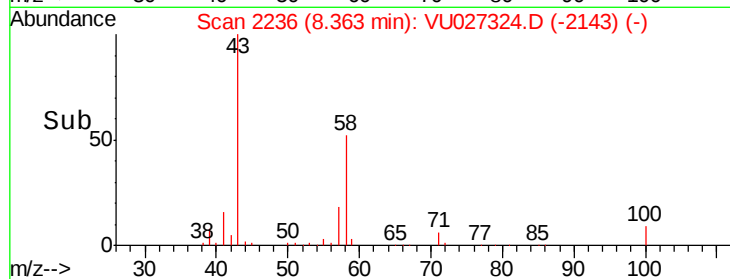
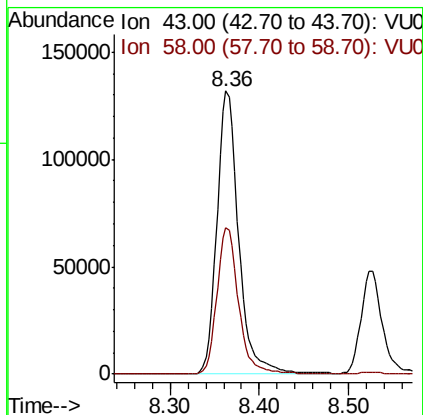
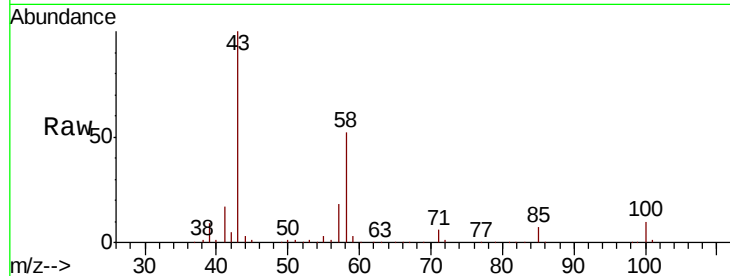




#59
2-Hexanone
Concen: 101.558 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

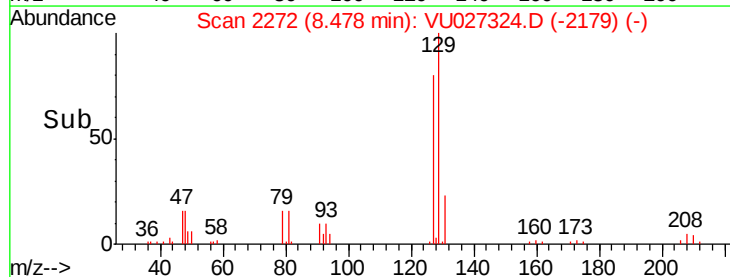
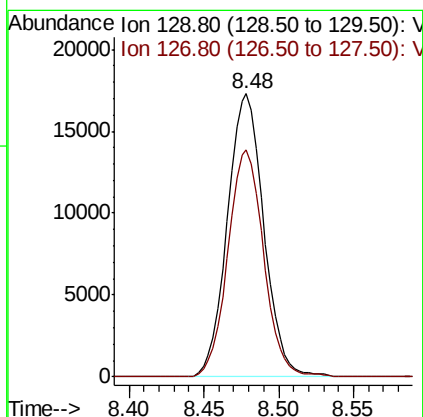
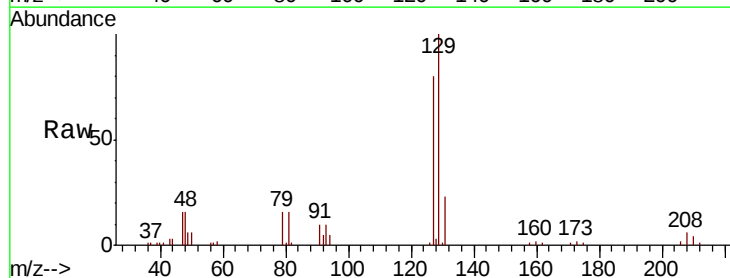
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

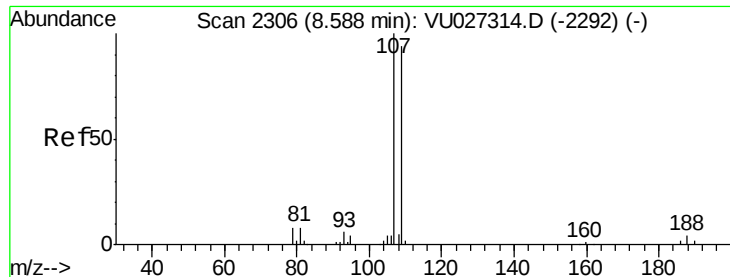
Tot Ion: 43 Resp: 223131
Ion Ratio Lower Upper
43 100
58 51.6 26.1 78.3



#60
Dibromochloromethane
Concen: 19.706 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 129 Resp: 29337
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.950 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

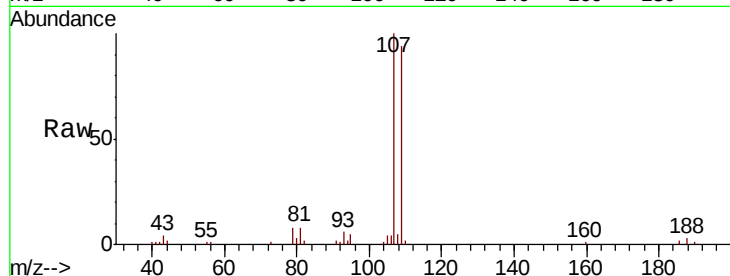
VU1001WBSD01

Tot Ion:107 Resp: 31485

Ion Ratio Lower Upper

107 100

109 93.1 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

20000

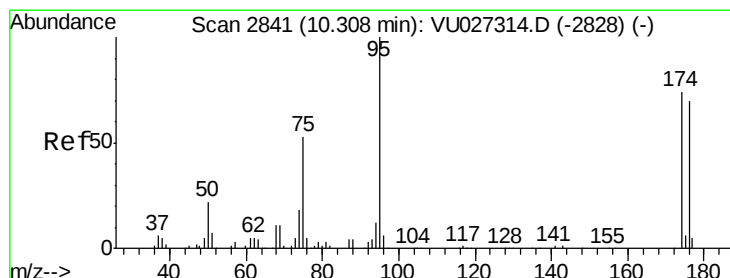
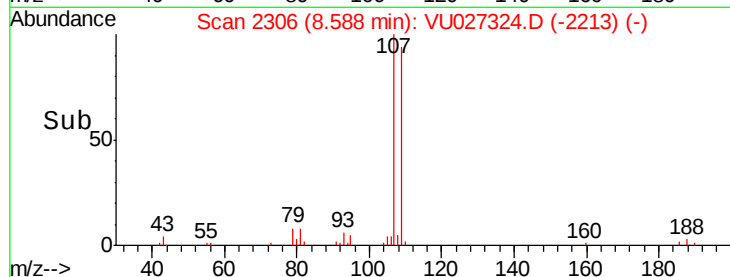
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 47.610 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

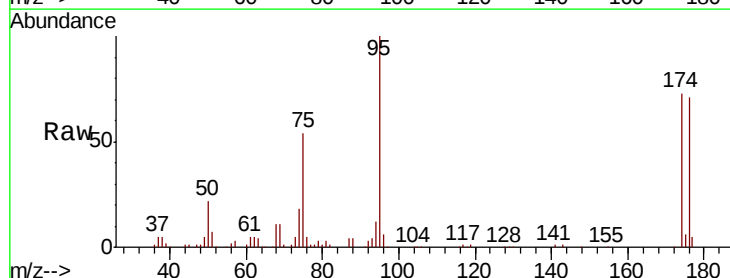
Tgt Ion: 95 Resp: 90765

Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.8

176 69.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

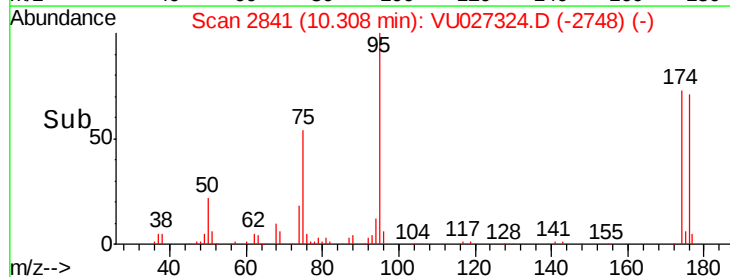
60000

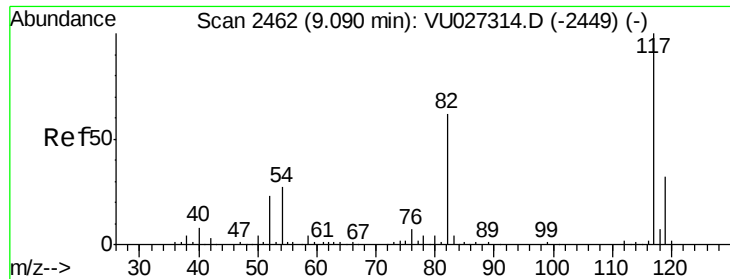
40000

20000

0

Time--> 10.30 10.40

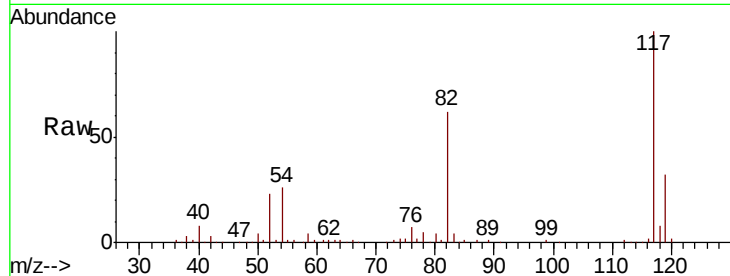




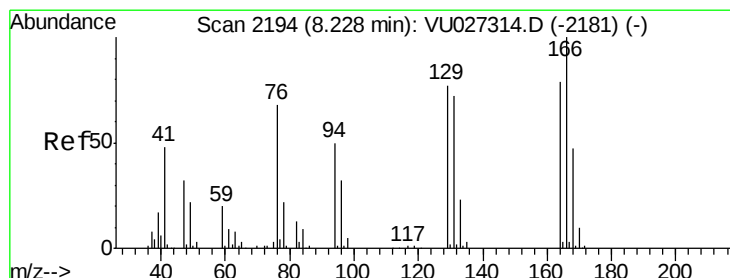
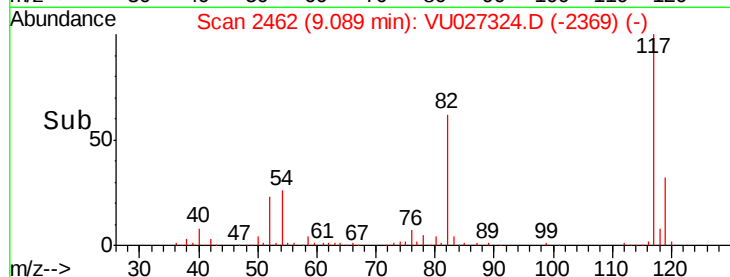
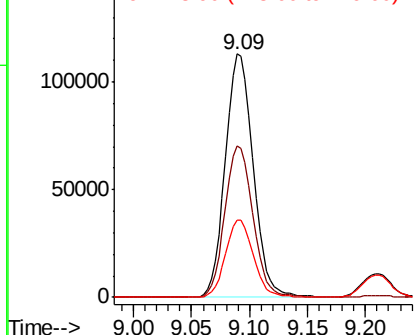
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

Tot Ion:117 Resp: 188093
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 31.8 25.7 38.5



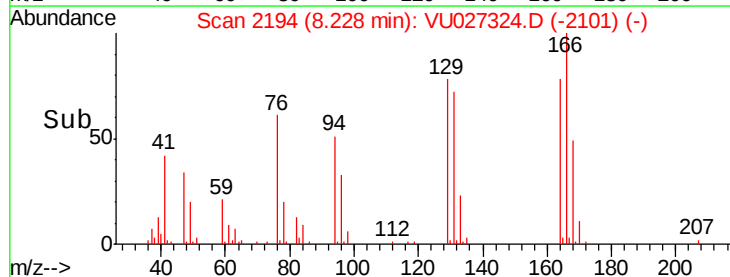
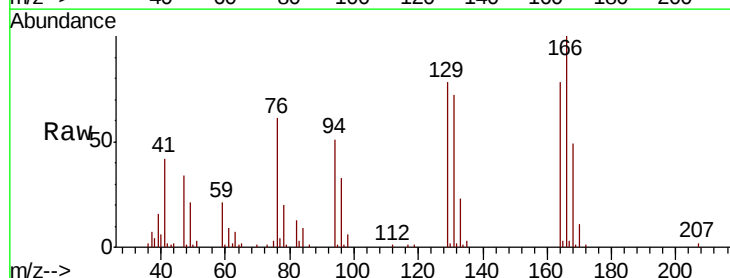
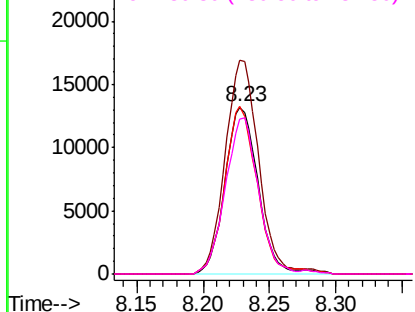
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

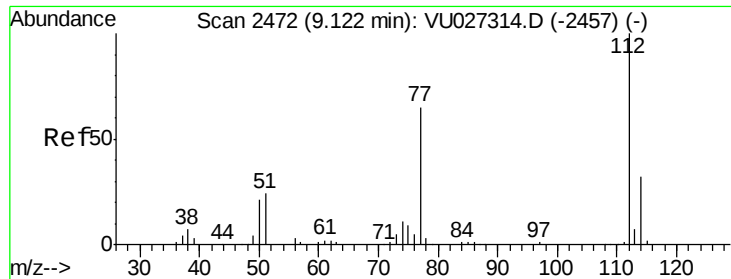


#64
Tetrachloroethene
Concen: 19.668 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion:164 Resp: 23029
Ion Ratio Lower Upper
164 100
166 128.1 101.0 151.6
129 100.5 78.0 117.0
131 92.8 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

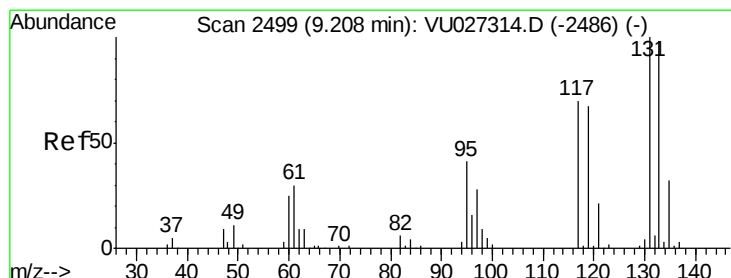
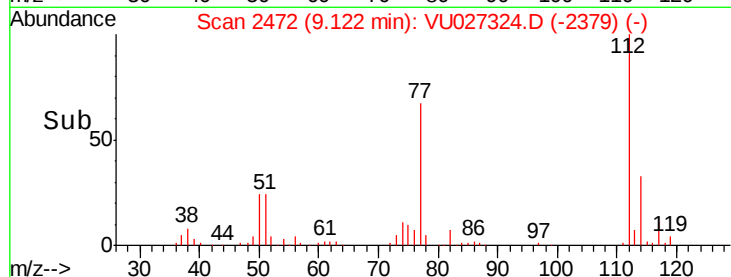
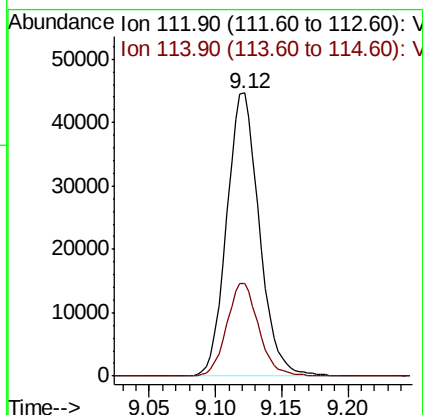
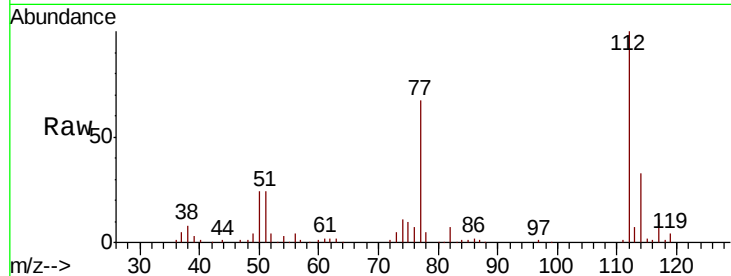




#65
Chlorobenzene
Concen: 19.250 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

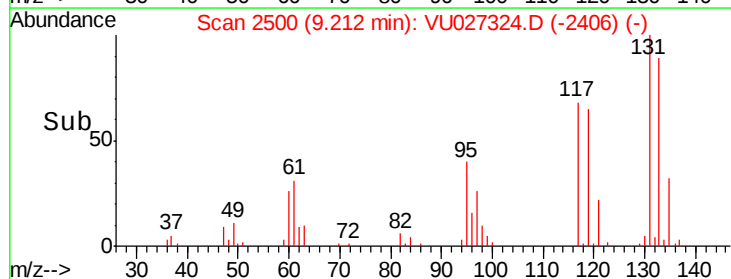
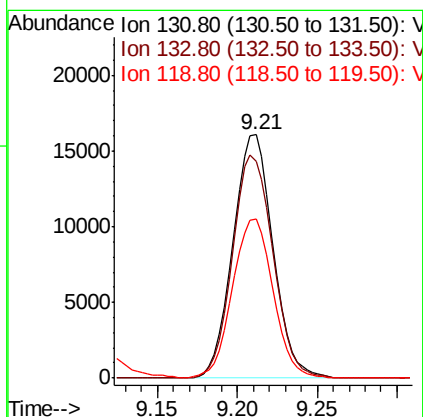
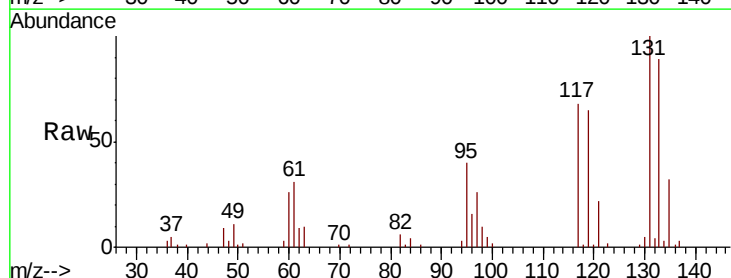
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

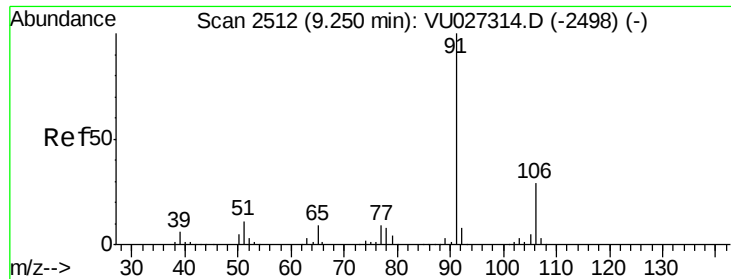
Tot Ion:112 Resp: 76215
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.004 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion:131 Resp: 27341
Ion Ratio Lower Upper
131 100
133 93.0 48.5 145.6
119 66.4 33.5 100.4

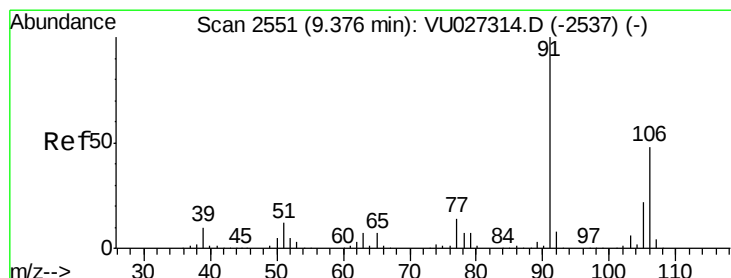
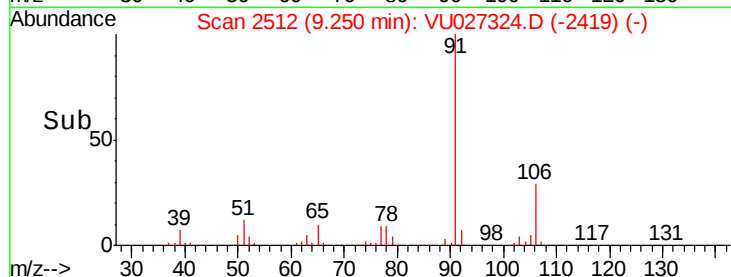
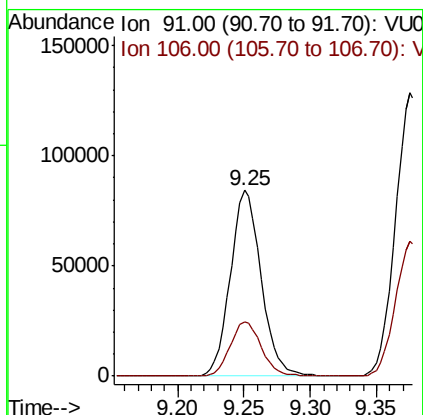
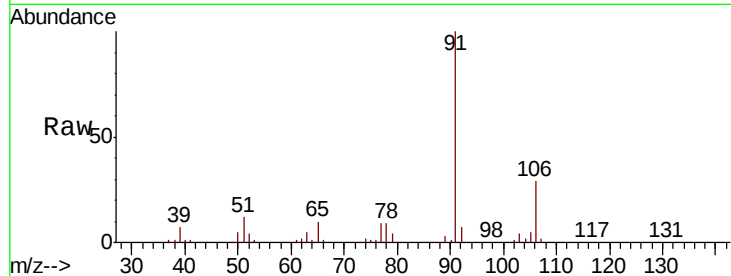




#67
Ethyl Benzene
Concen: 19.405 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

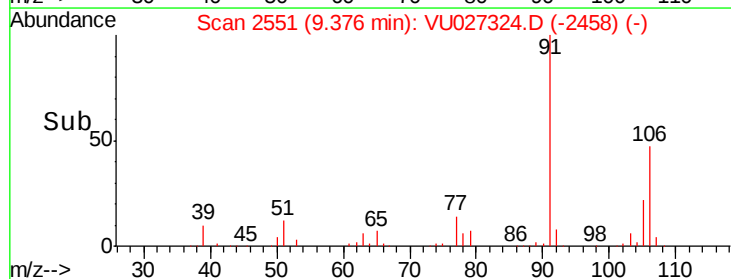
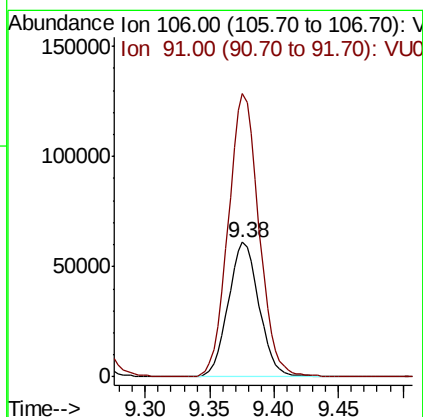
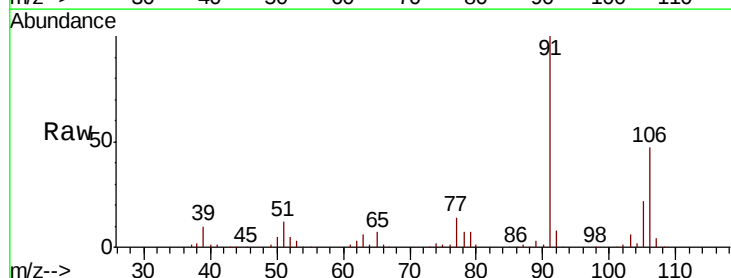
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

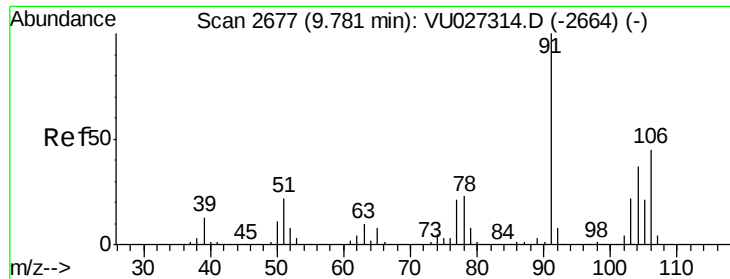
Tot Ion: 91 Resp: 136117
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 39.590 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 106 Resp: 101581
Ion Ratio Lower Upper
106 100
91 209.1 168.1 252.1

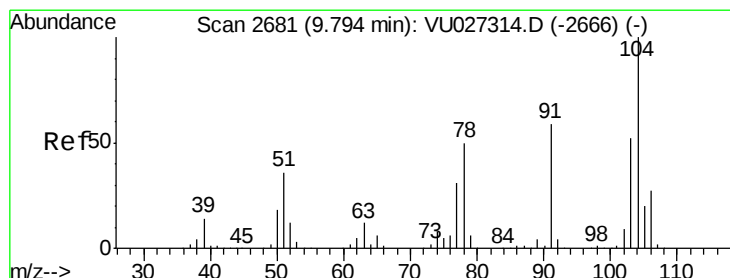
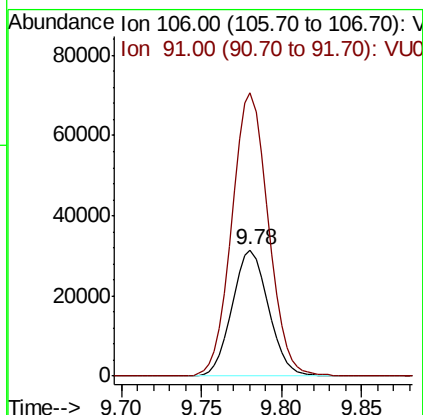
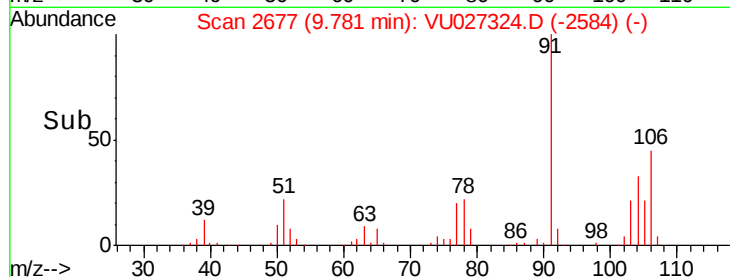
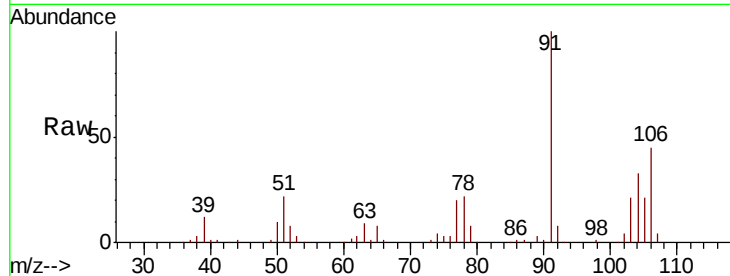




#69
o-Xylene
Concen: 19.981 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

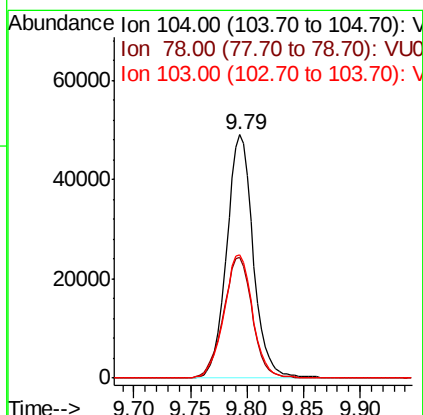
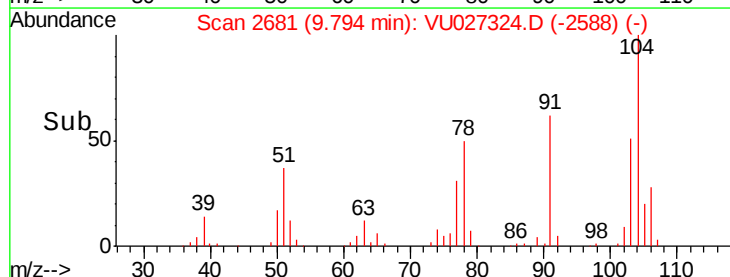
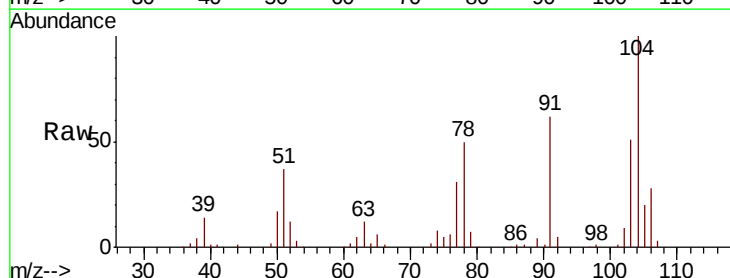
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

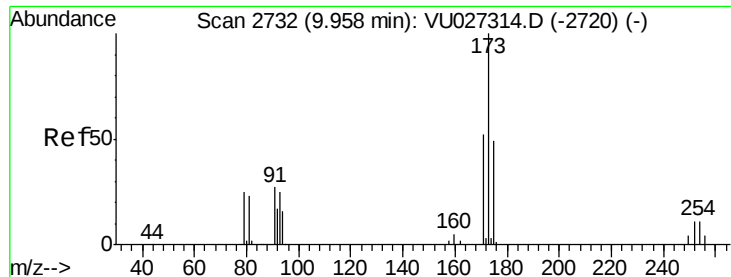
Tot Ion:106 Resp: 48720
Ion Ratio Lower Upper
106 100
91 224.8 111.7 334.9



#70
Styrene
Concen: 19.043 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion:104 Resp: 79992
Ion Ratio Lower Upper
104 100
78 54.1 42.9 64.3
103 54.8 43.9 65.9





#71

Bromoform

Concen: 19.000 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

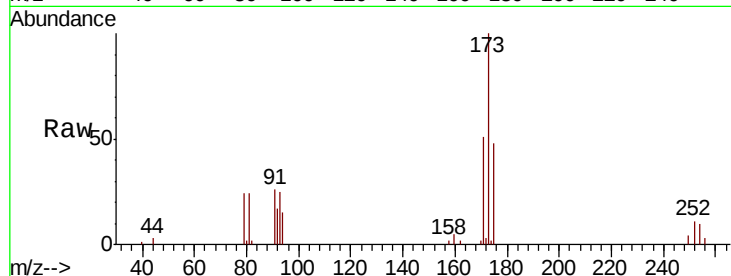
Tot Ion:173 Resp: 20894

Ion Ratio Lower Upper

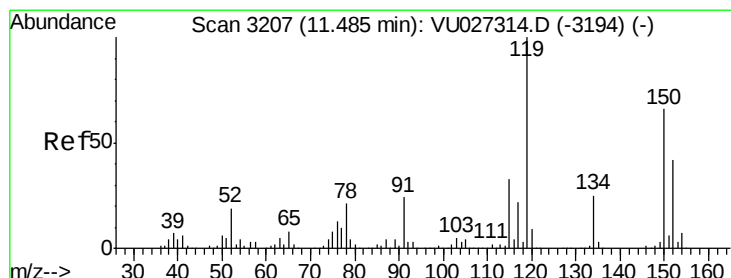
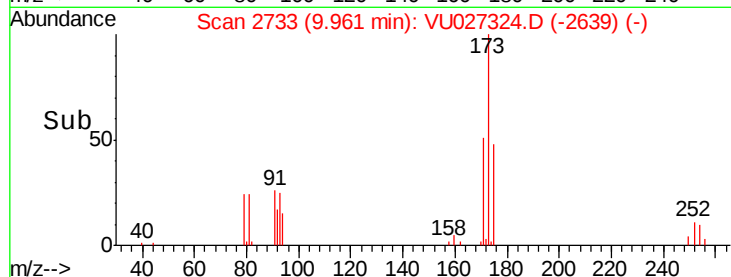
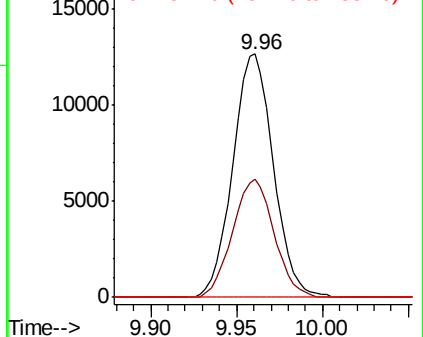
173 100

175 49.3 24.3 73.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

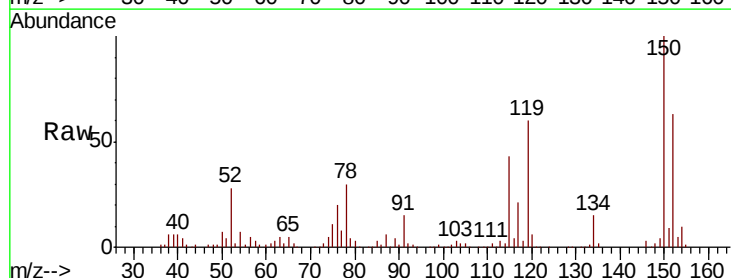
Tgt Ion:152 Resp: 88057

Ion Ratio Lower Upper

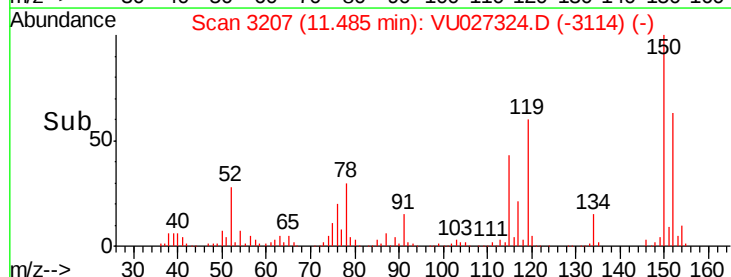
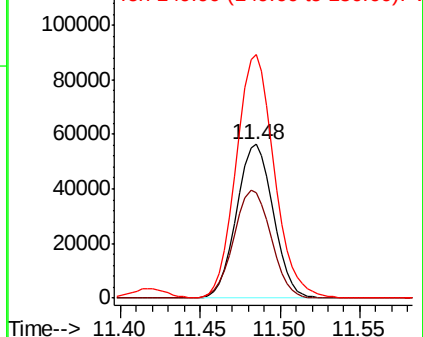
152 100

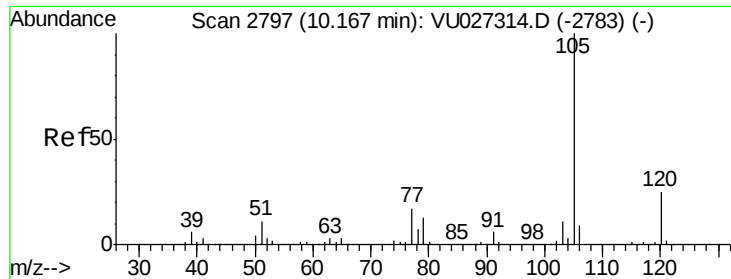
115 71.3 43.4 130.2

150 164.4 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: 20.627 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

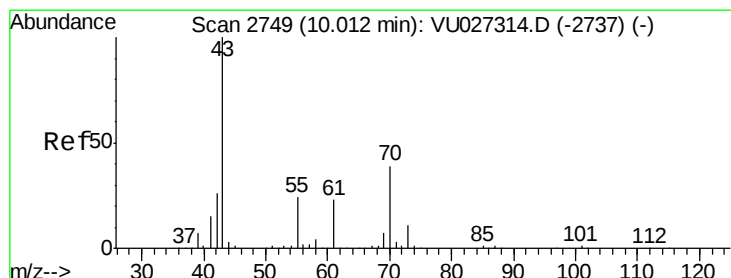
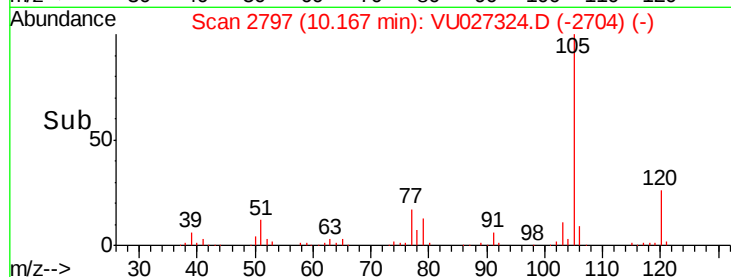
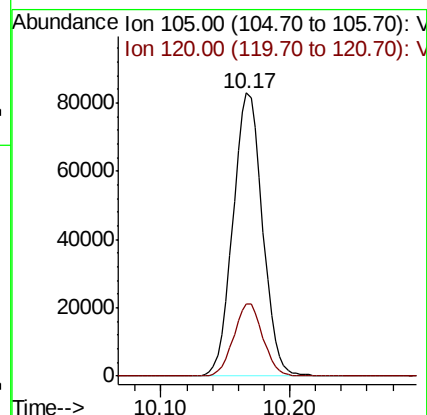
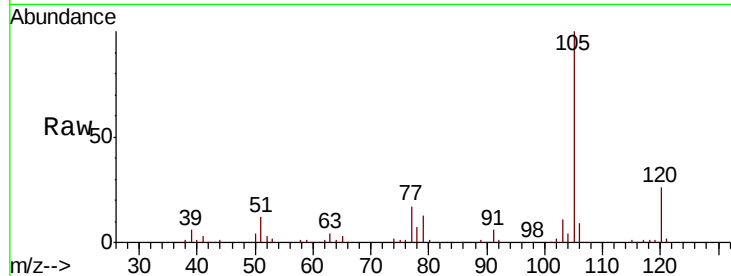
VU1001WBSD01

Tot Ion:105 Resp: 131919

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 20.183 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Tgt Ion: 43 Resp: 73894

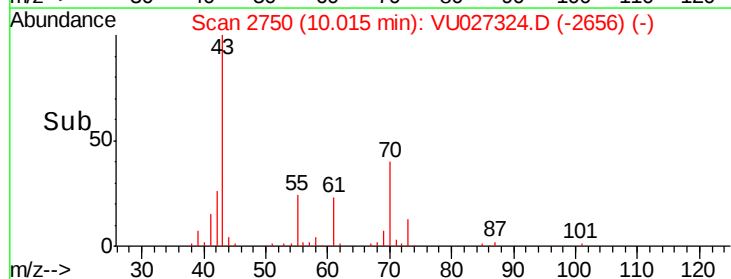
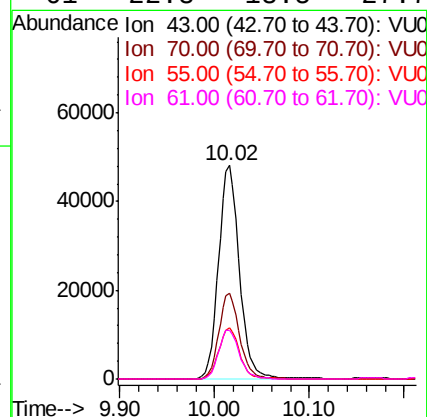
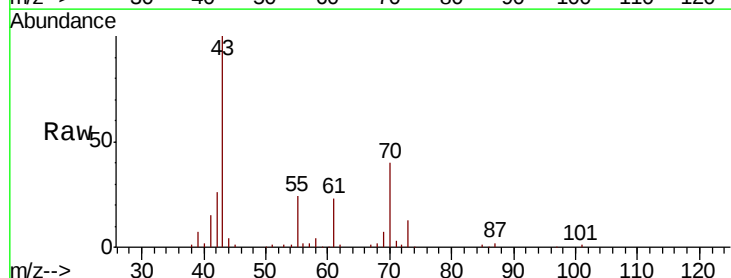
Ion Ratio Lower Upper

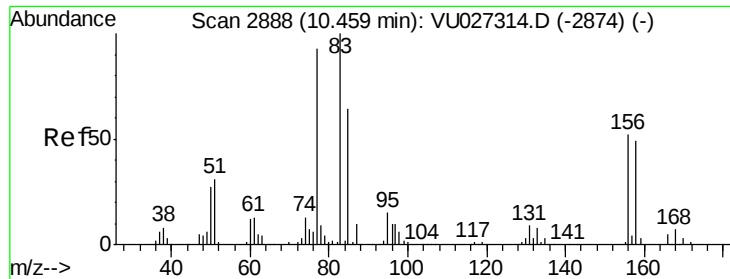
43 100

70 39.7 31.3 46.9

55 23.8 19.0 28.6

61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.574 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

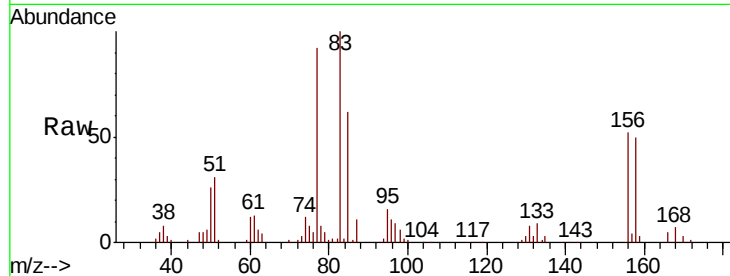
Tot Ion: 83 Resp: 51665

Ion Ratio Lower Upper

83 100

131 8.5 4.4 13.2

85 63.5 32.0 96.0

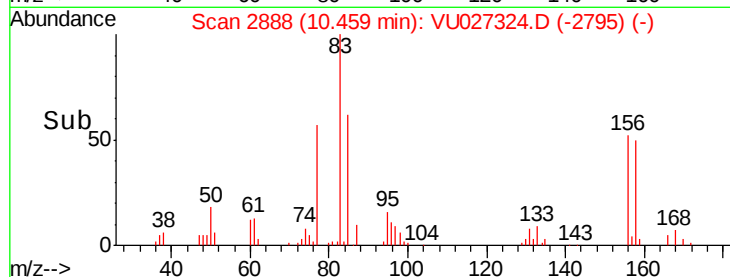


Abundance Ion 82.90 (82.60 to 83.60): VU027314.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027314.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027314.D (-2874) (-)

Time-->

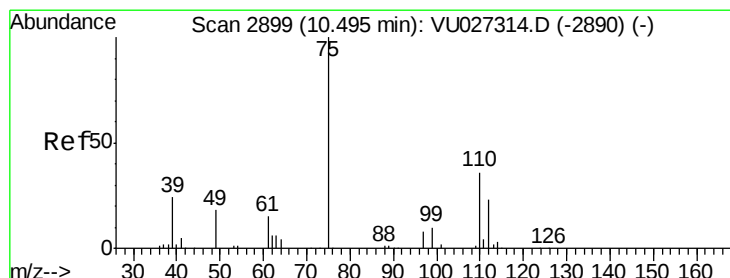


Abundance Ion 82.90 (82.60 to 83.60): VU027324.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027324.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027324.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.982 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027324.D

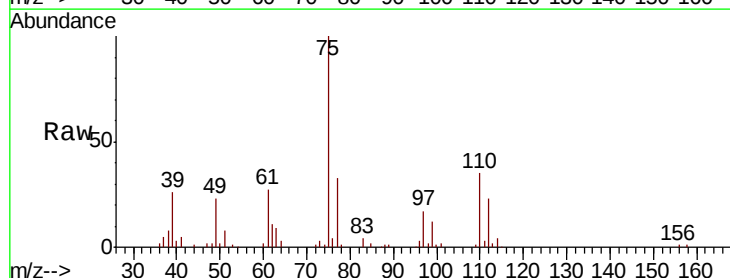
Acq: 01 Oct 2018 17:35

Tgt Ion: 75 Resp: 59307

Ion Ratio Lower Upper

75 100

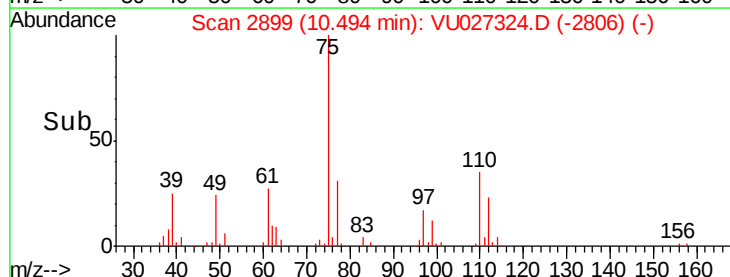
77 30.7 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027314.D (-2890) (-)

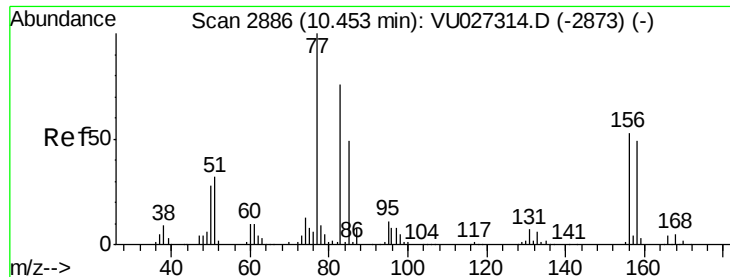
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU027324.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027324.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 20.617 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

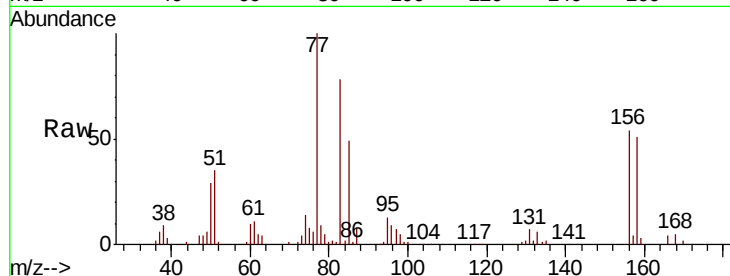
Tot Ion:156 Resp: 30644

Ion Ratio Lower Upper

156 100

77 183.8 94.8 284.4

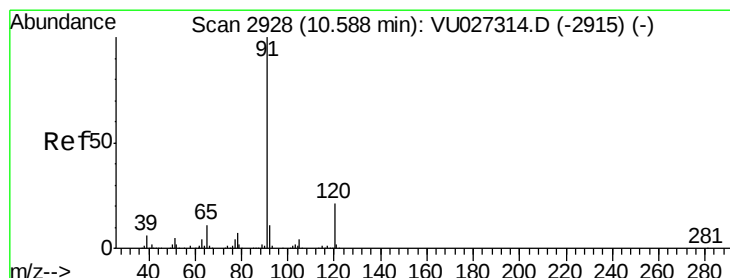
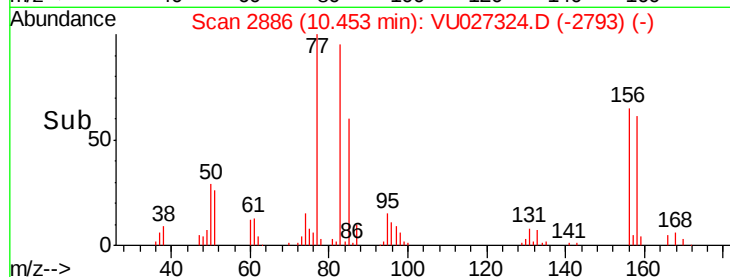
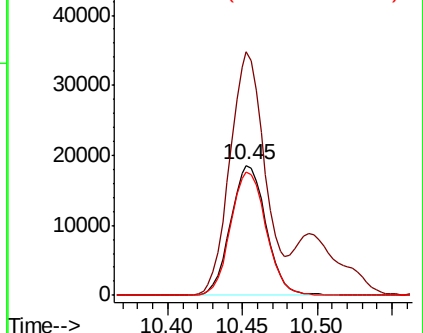
158 95.0 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.441 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027324.D

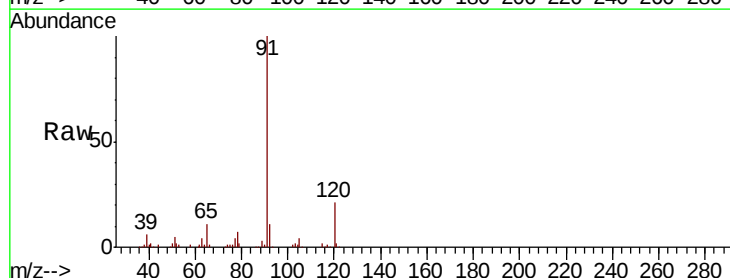
Acq: 01 Oct 2018 17:35

Tgt Ion: 91 Resp: 157091

Ion Ratio Lower Upper

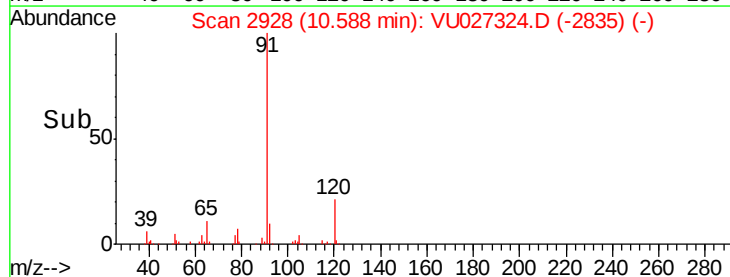
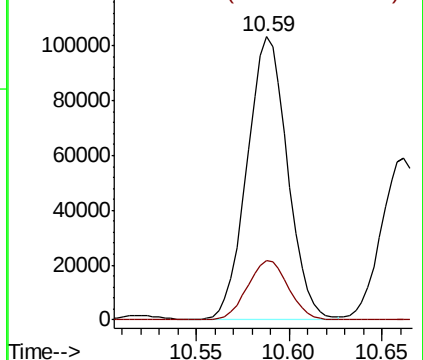
91 100

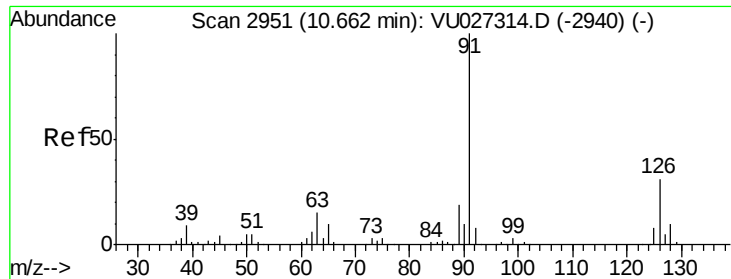
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

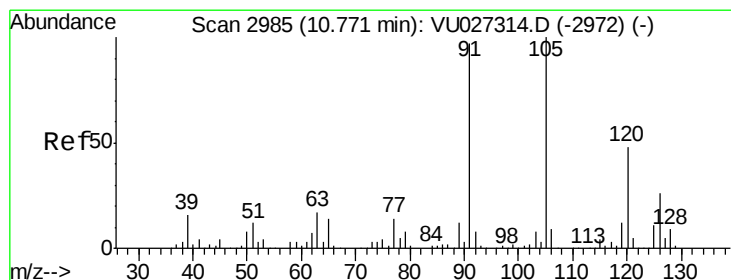
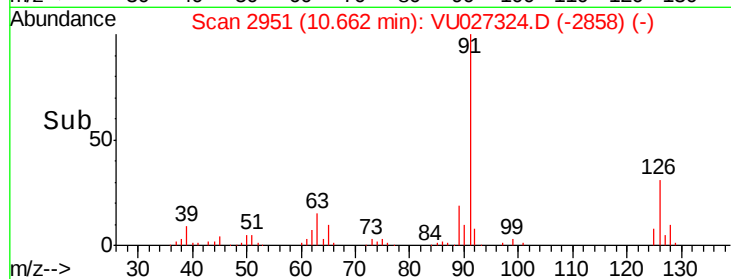
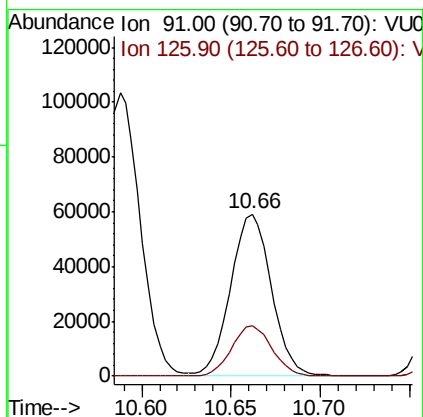
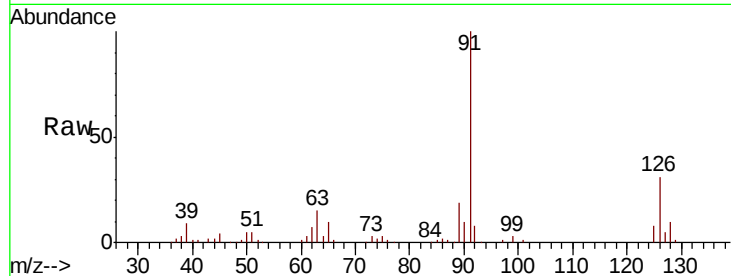




#79
 2-Chlorotoluene
 Concen: 20.183 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

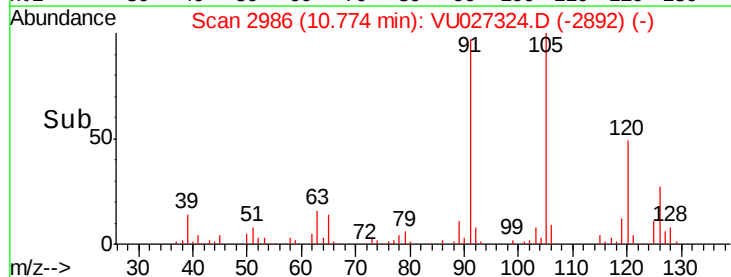
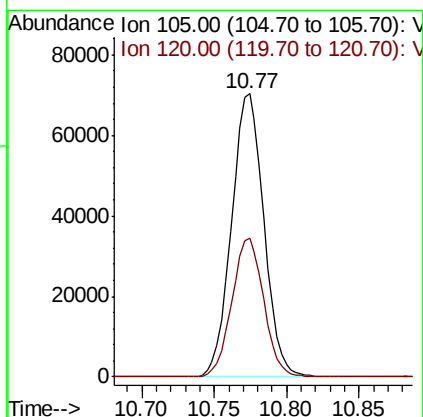
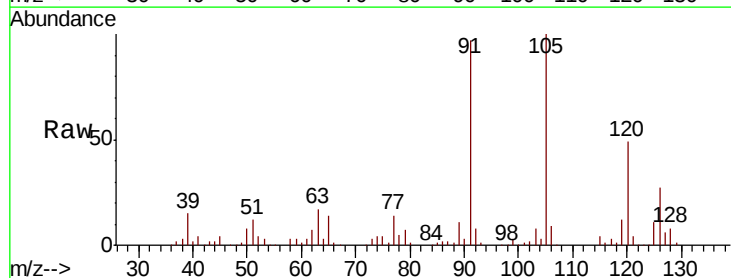
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

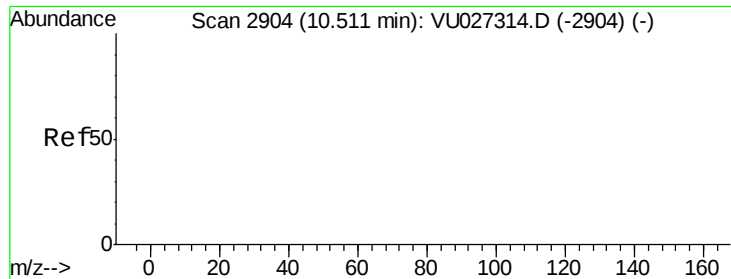
Tot Ion: 91 Resp: 93653
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.841 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion: 105 Resp: 108518
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 67.997 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027324.D

Acq: 01 Oct 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBSD01

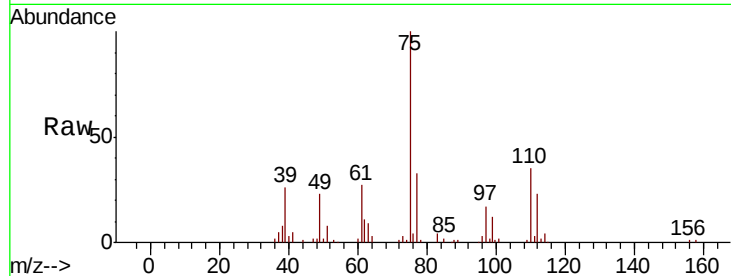
Tot Ion: 75 Resp: 59307

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

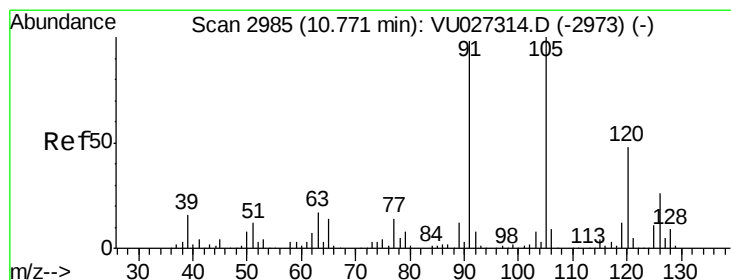
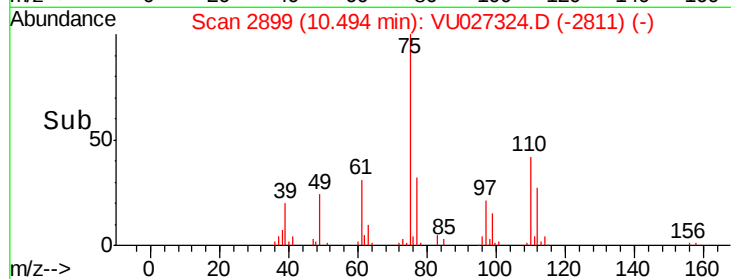
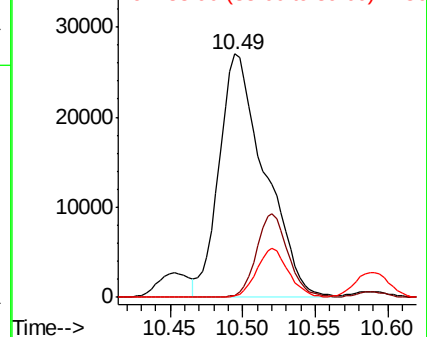
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 20.633 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027324.D

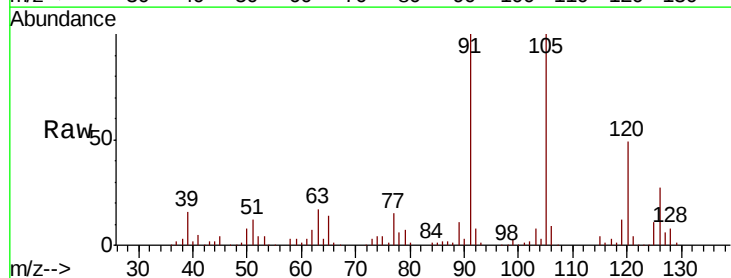
Acq: 01 Oct 2018 17:35

Tgt Ion: 91 Resp: 108643

Ion Ratio Lower Upper

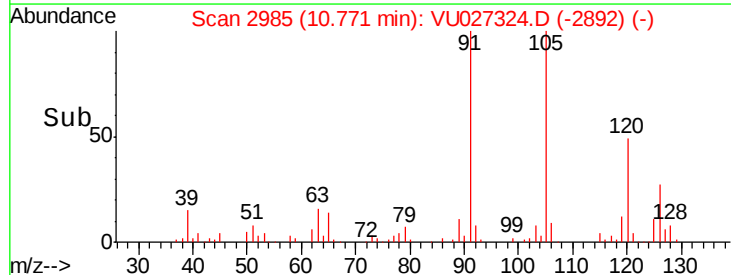
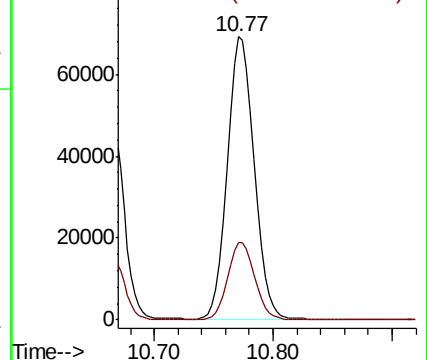
91 100

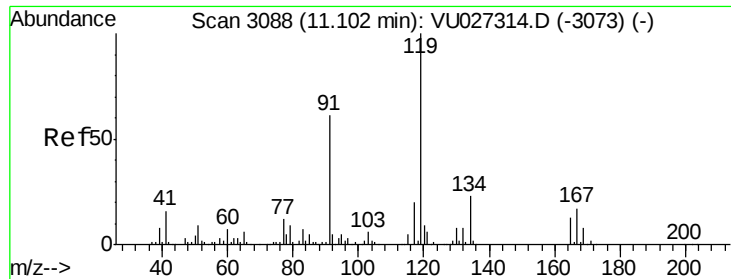
126 27.4 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

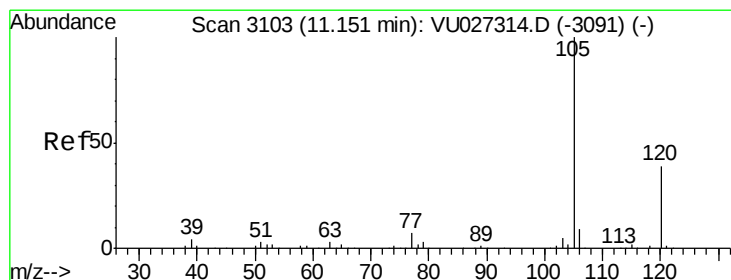
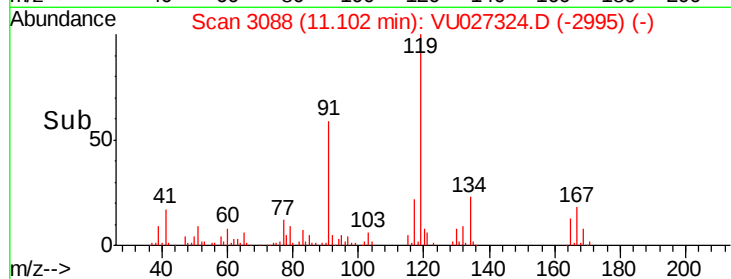
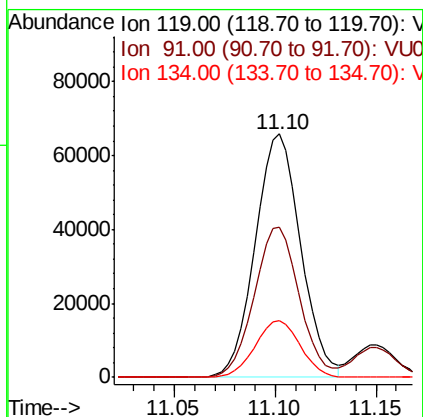
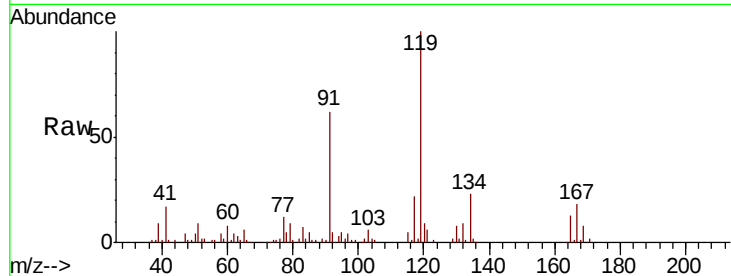




#83
tert-Butylbenzene
Concen: 20.595 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

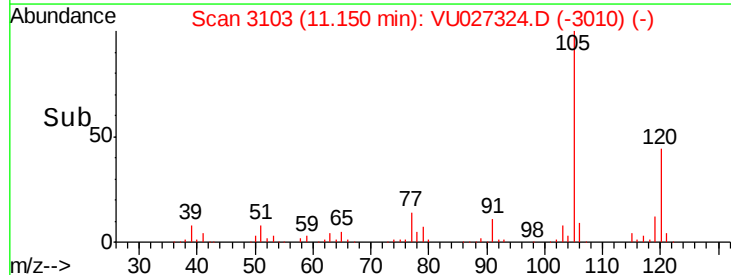
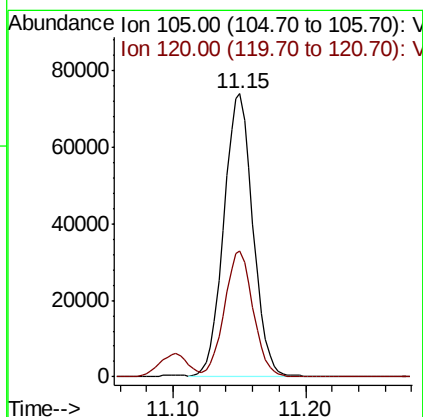
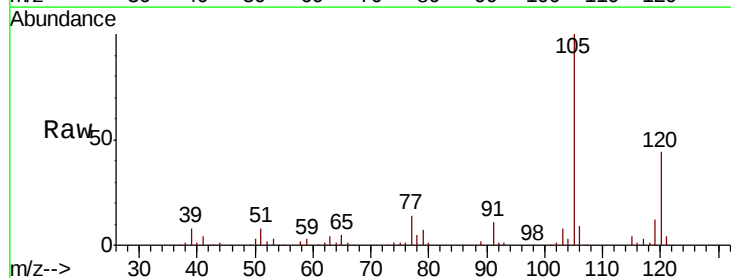
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

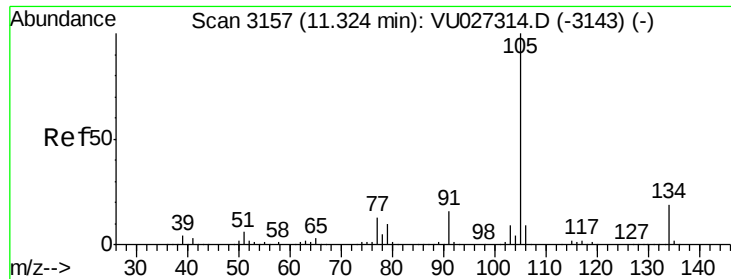
Tot Ion:119 Resp: 103668
Ion Ratio Lower Upper
119 100
91 61.1 30.3 91.0
134 23.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.212 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion:105 Resp: 112822
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5

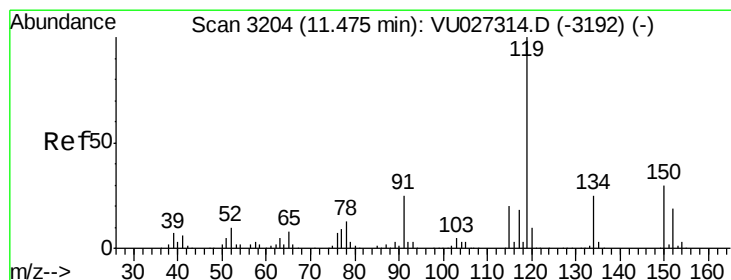
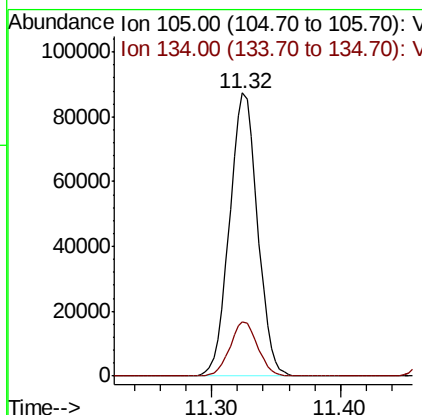
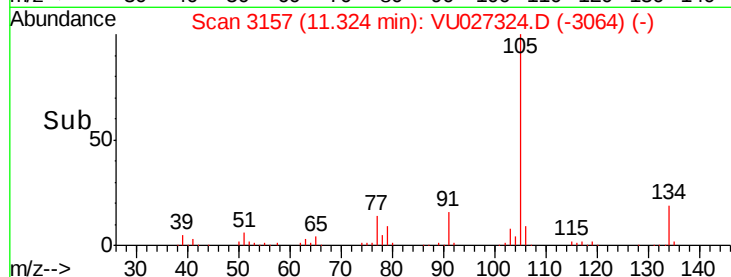
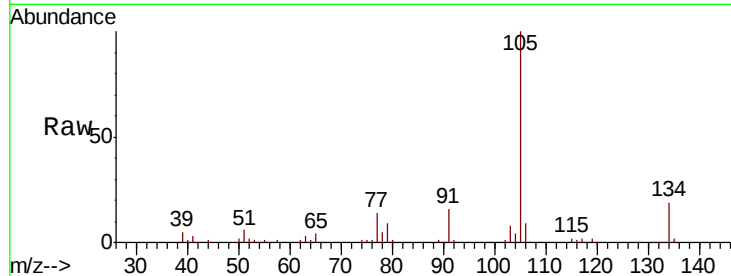




#85
 sec-Butylbenzene
 Concen: 20.768 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

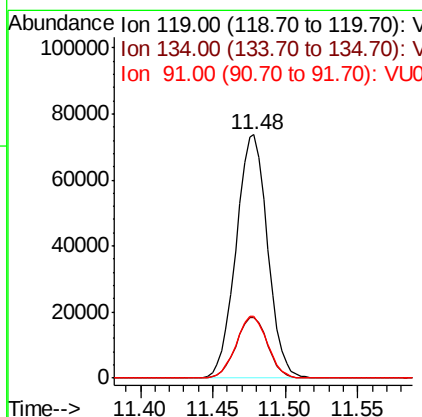
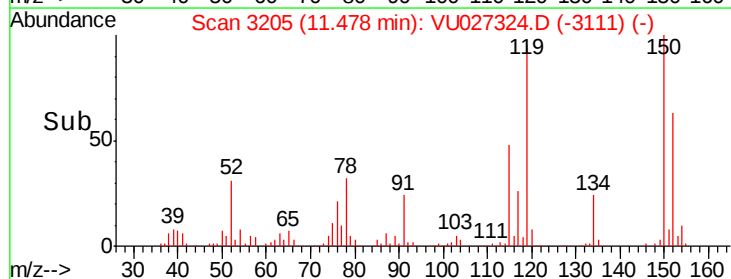
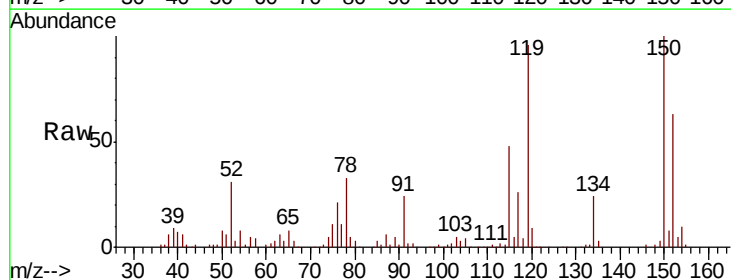
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

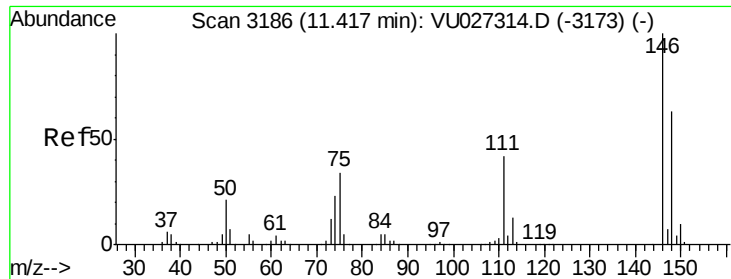
Tot Ion:105 Resp: 131714
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.462 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion:119 Resp: 111117
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 25.5 12.2 36.4

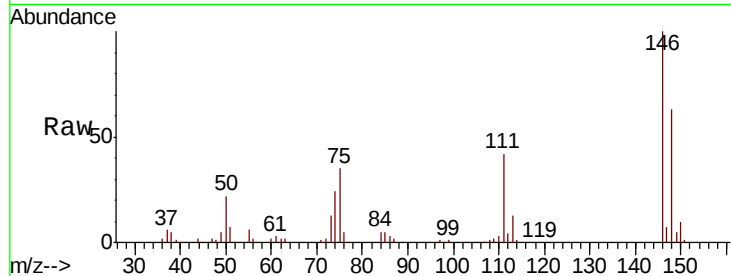




#87
 1,3-Dichlorobenzene
 Concen: 20.101 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	63.0	31.6	94.8

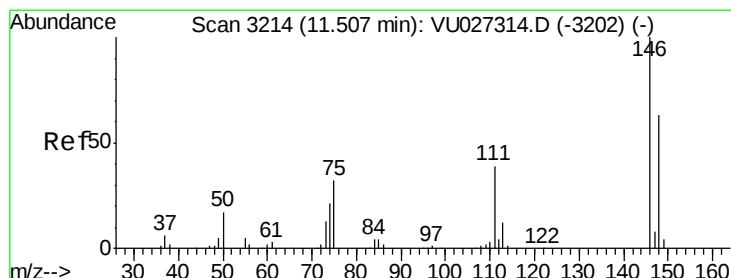
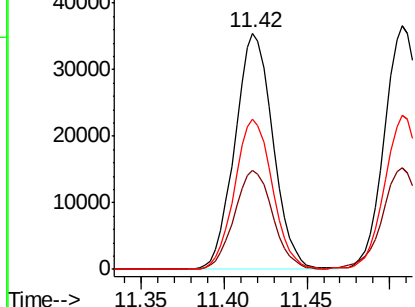
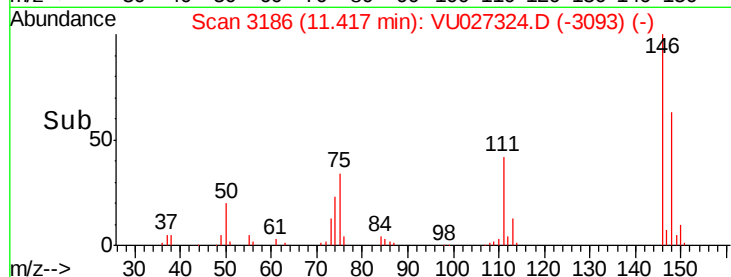


Abundance

Ion 145.90 (145.60 to 146.60): V

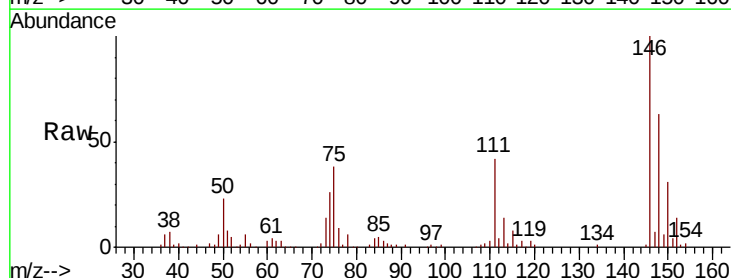
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 20.100 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.4	61.2
148	63.7	31.9	95.5

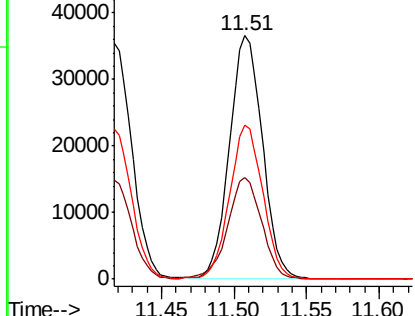
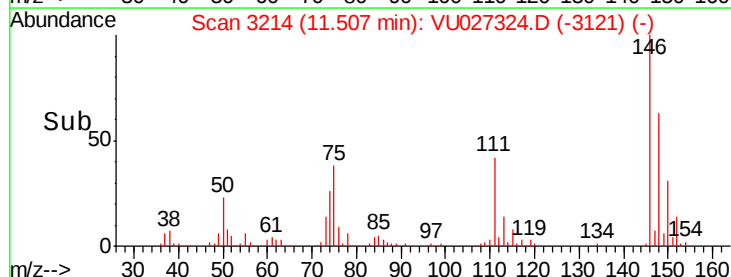


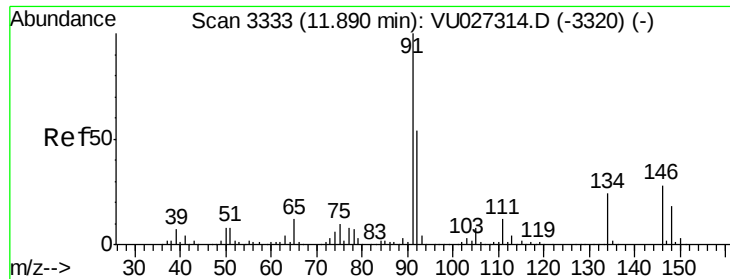
Abundance

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

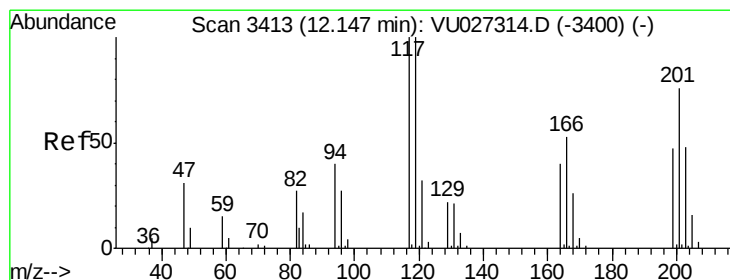
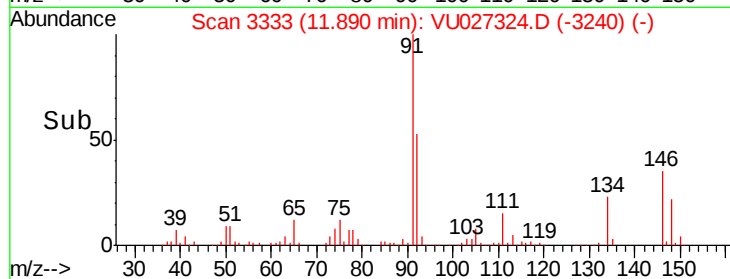
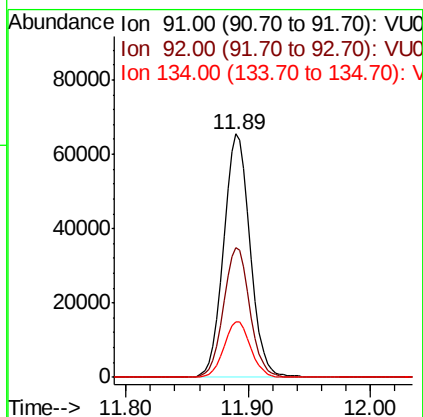
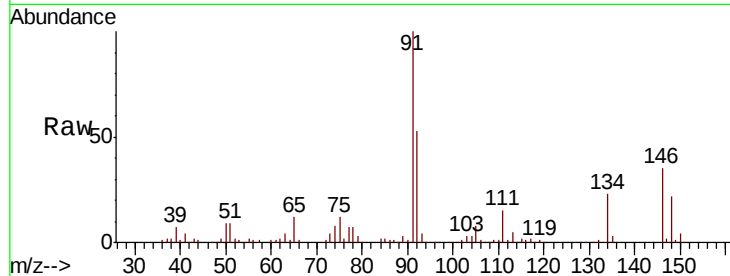




#89
n-Butylbenzene
Concen: 18.617 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

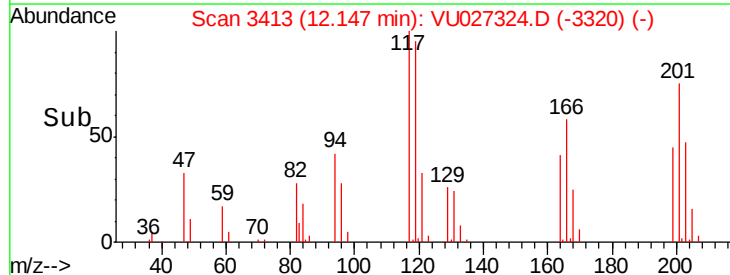
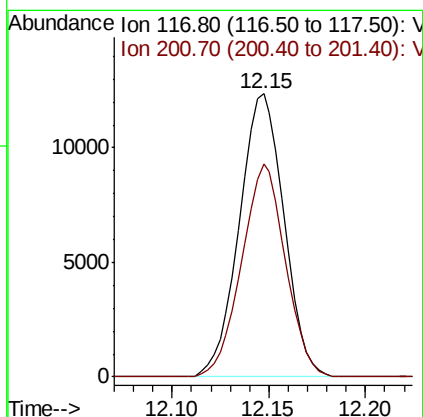
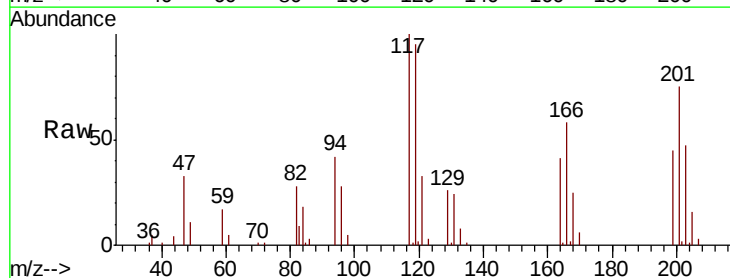
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

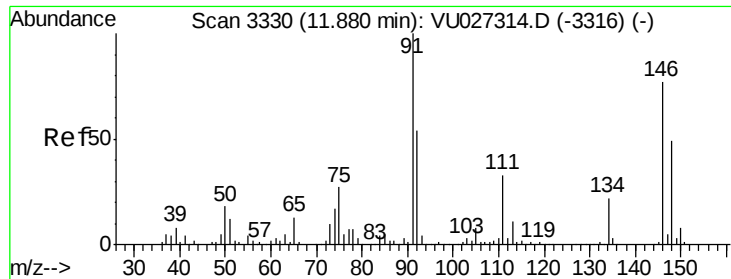
Tot Ion: 91 Resp: 99946
Ion Ratio Lower Upper
91 100
92 53.1 27.0 81.0
134 22.9 11.7 35.1



#90
Hexachloroethane
Concen: 19.418 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion: 117 Resp: 19876
Ion Ratio Lower Upper
117 100
201 73.7 37.9 113.6

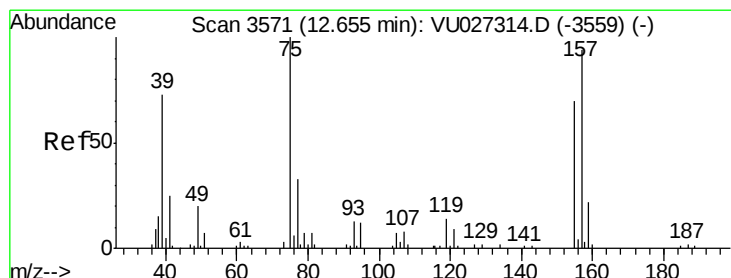
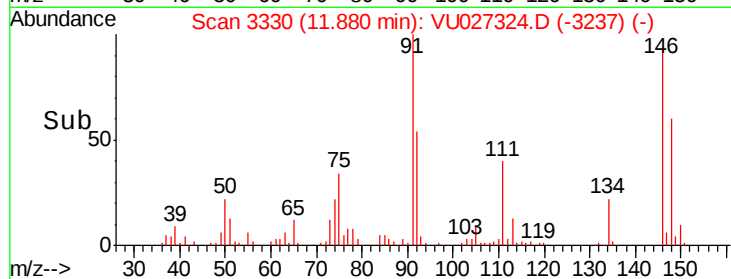
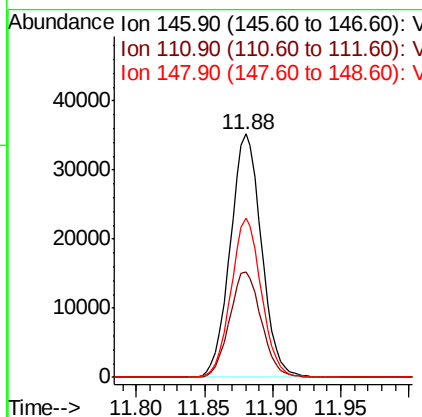
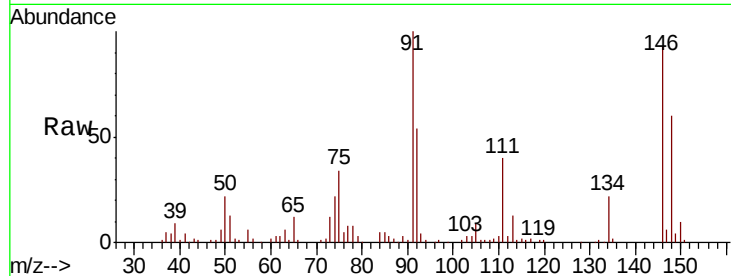




#91
 1,2-Dichlorobenzene
 Concen: 20.439 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

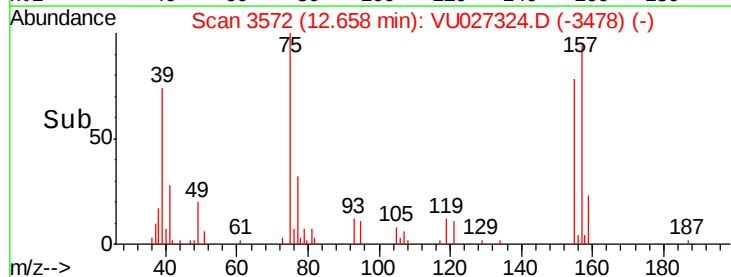
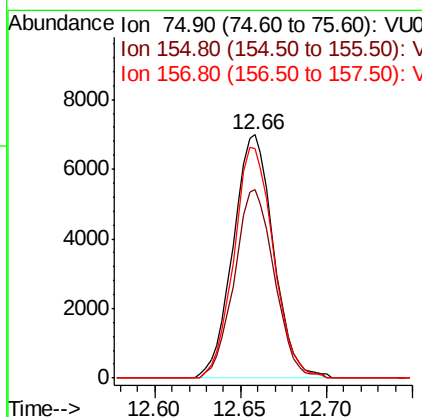
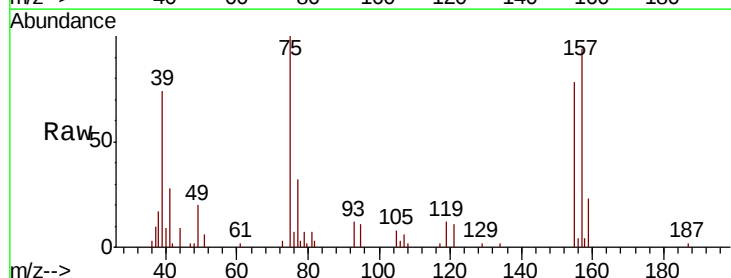
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

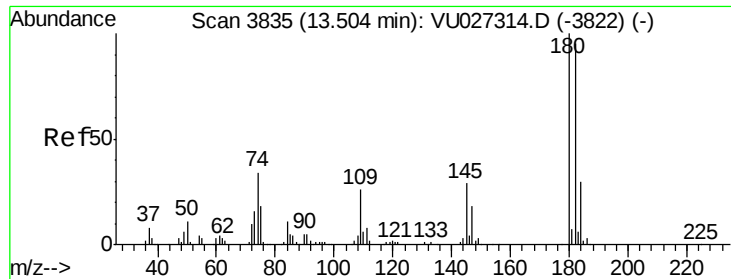
Tot Ion:146 Resp: 55993
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.4
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.481 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion: 75 Resp: 11399
 Ion Ratio Lower Upper
 75 100
 155 76.4 35.9 107.8
 157 92.7 46.9 140.6

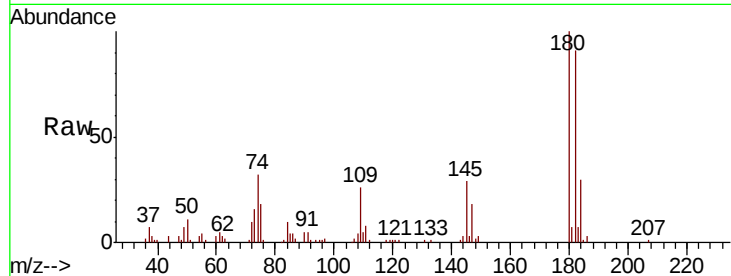




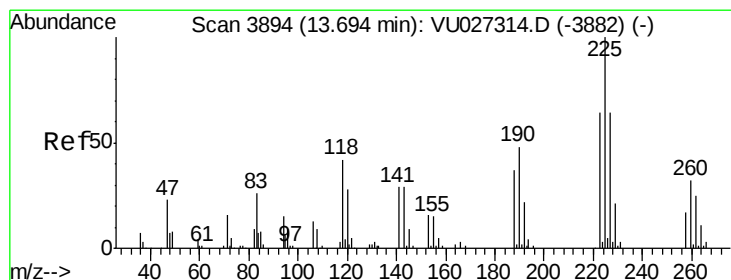
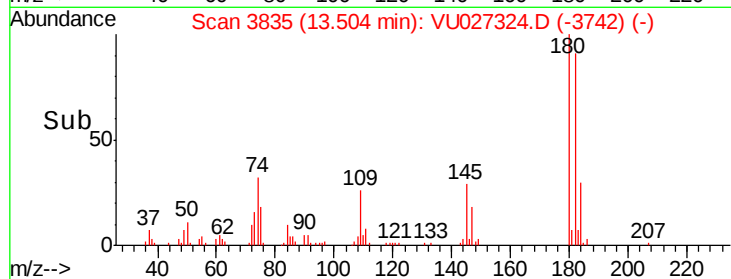
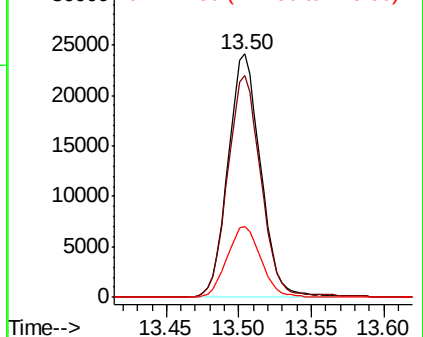
#93
 1,2,4-Trichlorobenzene
 Concen: 21.238 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBSD01

Tot Ion:180 Resp: 37647
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.4 142.3
 145 30.2 14.6 44.0

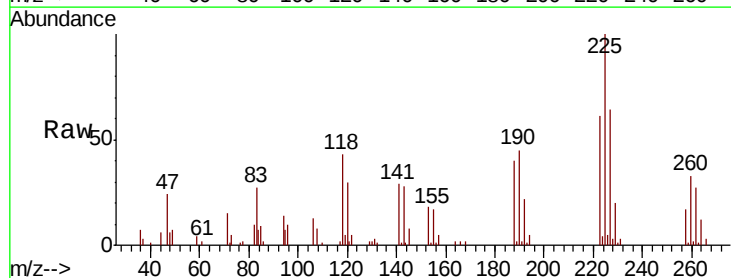


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

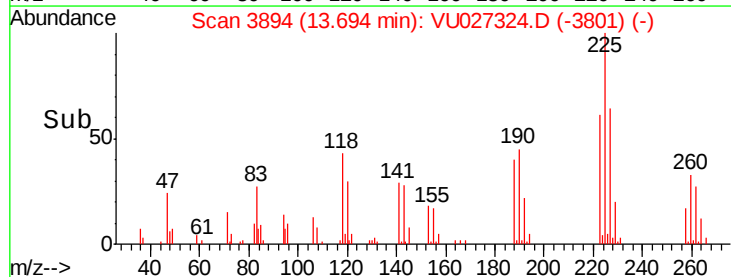
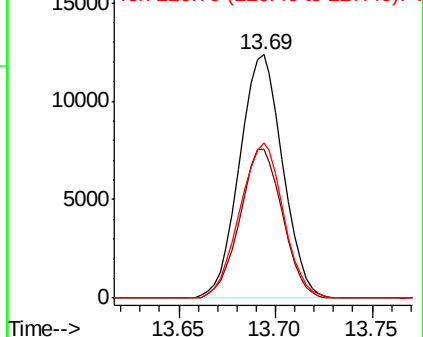


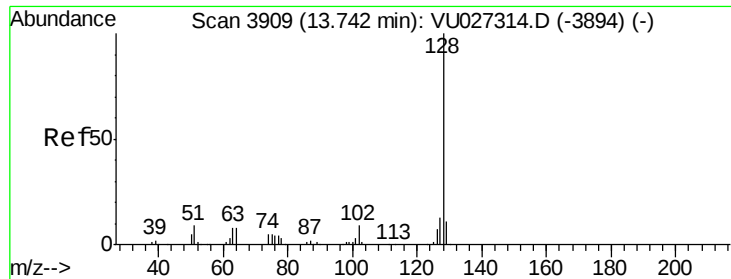
#94
 Hexachlorobutadiene
 Concen: 21.432 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027324.D
 Acq: 01 Oct 2018 17:35

Tgt Ion:225 Resp: 19195
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.8 95.3
 227 64.4 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

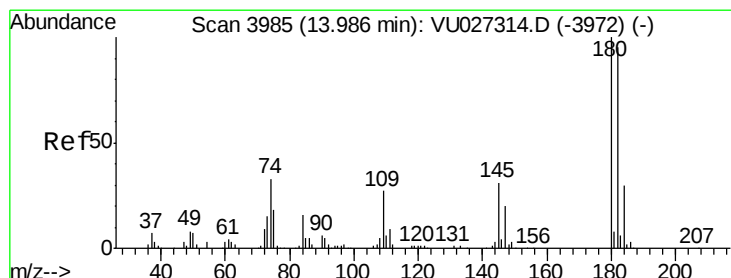
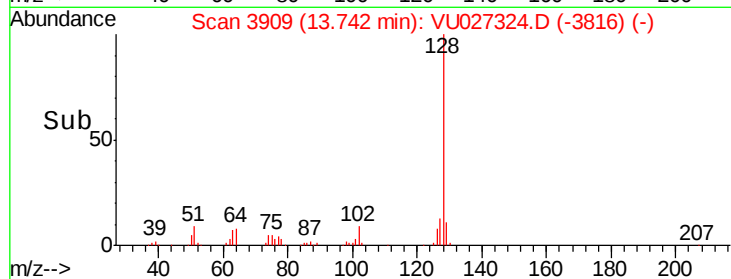
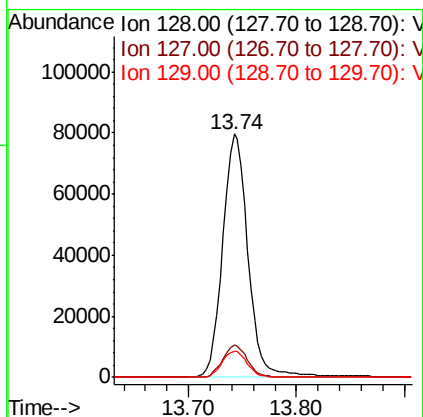
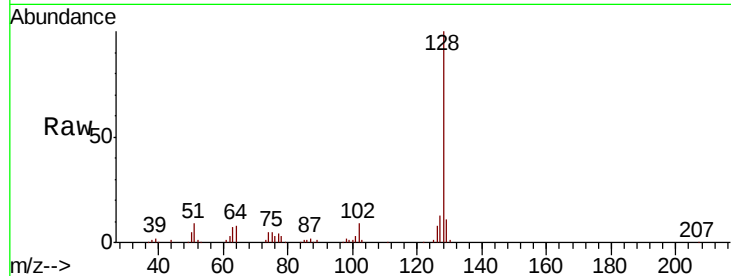




#95
Naphthalene
Concen: 20.625 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBSD01

Tot Ion:128 Resp: 130596
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.875 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027324.D
Acq: 01 Oct 2018 17:35

Tgt Ion:180 Resp: 36704
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 30.4 15.9 47.7

