

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027322.D
 Acq On : 01 Oct 2018 16:47
 Operator : MD/SY
 Sample : VU1001WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Quant Time: Oct 02 07:21:55 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	117291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198059	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	89341	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	90549	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
35) Dibromofluoromethane	4.88	113	64283	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	7.57	98	250432	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.31	95	86809	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	35750	21.141	ug/l	97
3) Chloromethane	1.33	50	45354	19.811	ug/l	99
4) Vinyl Chloride	1.40	62	43568	20.245	ug/l	99
5) Bromomethane	1.62	94	20304	21.804	ug/l	98
6) Chloroethane	1.70	64	24384	18.856	ug/l	98
7) Trichlorofluoromethane	1.88	101	44302	20.289	ug/l	99
8) Diethyl Ether	2.11	74	19924	19.808	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25774	20.325	ug/l	98
10) Methyl Iodide	2.41	142	11064	16.638	ug/l	98
11) Tert butyl alcohol	2.83	59	42841	103.872	ug/l	99
12) 1,1-Dichloroethene	2.28	96	24191	19.526	ug/l	94
13) Acrolein	2.20	56	30362	87.731	ug/l	99
14) Allyl chloride	2.59	41	56028	19.044	ug/l	97
15) Acrylonitrile	2.94	53	109463	101.971	ug/l	99
16) Acetone	2.32	43	105678	91.335	ug/l	100
17) Carbon Disulfide	2.48	76	83992	18.797	ug/l	98
18) Methyl Acetate	2.62	43	52293	19.812	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	99724	20.088	ug/l	98
20) Methylene Chloride	2.70	84	30873	19.156	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	27524	19.788	ug/l	99
22) Diisopropyl ether	3.58	45	124425	20.808	ug/l	98
23) Vinyl Acetate	3.53	43	530622	101.609	ug/l	100
24) 1,1-Dichloroethane	3.45	63	62262	20.254	ug/l	99
25) 2-Butanone	4.27	43	160455	101.695	ug/l	99
26) 2,2-Dichloropropane	4.23	77	48310	19.125	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	31026	19.505	ug/l	98
28) Bromochloromethane	4.55	49	28588	19.276	ug/l	100
29) Tetrahydrofuran	4.64	42	103153	103.739	ug/l	99
30) Chloroform	4.68	83	55032	20.149	ug/l	100
31) Cyclohexane	5.00	56	61272	19.360	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	46268	20.114	ug/l	99
36) 1,1-Dichloropropene	5.14	75	42448	19.739	ug/l	99
37) Ethyl Acetate	4.39	43	55784	20.071	ug/l	99
38) Carbon Tetrachloride	5.14	117	39015	20.084	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027322.D
 Acq On : 01 Oct 2018 16:47
 Operator : MD/SY
 Sample : VU1001WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Quant Time: Oct 02 07:21:55 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)
39) Methylcyclohexane	6.42	83	49509	19.695	ug/l	96
40) Benzene	5.39	78	126027	20.119	ug/l	99
41) Methacrylonitrile	4.55	41	31676	20.164	ug/l	96
42) 1,2-Dichloroethane	5.41	62	47969	20.630	ug/l	100
43) Isopropyl Acetate	5.55	43	88053	20.399	ug/l	100
44) Trichloroethene	6.19	130	28046	20.079	ug/l	98
45) 1,2-Dichloropropane	6.43	63	37021	20.490	ug/l	99
46) Dibromomethane	6.56	93	21511	21.080	ug/l	98
47) Bromodichloromethane	6.76	83	42926	20.273	ug/l	99
48) Methyl methacrylate	6.62	41	43664	20.342	ug/l	98
49) 1,4-Dioxane	6.62	88	16821	455.447	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	292828	104.398	ug/l	100
52) Toluene	7.64	92	76183	20.547	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	48781	19.649	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	53627	20.094	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	30389	20.672	ug/l	97
56) Ethyl methacrylate	8.02	69	50051	19.243	ug/l	99
57) 1,3-Dichloropropane	8.24	76	57638	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	144915	98.883	ug/l	100
59) 2-Hexanone	8.36	43	227044	104.348	ug/l	98
60) Dibromochloromethane	8.48	129	29512	20.017	ug/l	100
61) 1,2-Dibromoethane	8.59	107	31642	20.245	ug/l	99
64) Tetrachloroethene	8.23	164	23569	20.371	ug/l	97
65) Chlorobenzene	9.12	112	77464	19.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26811	19.852	ug/l	98
67) Ethyl Benzene	9.25	91	137404	19.824	ug/l	99
68) m/p-Xylenes	9.38	106	102763	40.532	ug/l	100
69) o-Xylene	9.78	106	50219	20.843	ug/l	98
70) Styrene	9.79	104	80149	19.277	ug/l	98
71) Bromoform	9.96	173	21220	19.529	ug/l #	99
73) Isopropylbenzene	10.17	105	133281	20.540	ug/l	99
74) N-amyl acetate	10.02	43	75486	20.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	53336	20.934	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	61537	26.571	ug/l	83
77) Bromobenzene	10.45	156	30066	19.938	ug/l	97
78) n-propylbenzene	10.59	91	158800	20.367	ug/l	99
79) 2-Chlorotoluene	10.66	91	96907	20.585	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	110005	20.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	61537	69.540	ug/l #	100
82) 4-Chlorotoluene	10.77	91	109931	20.577	ug/l	100
83) tert-Butylbenzene	11.10	119	106022	20.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	113850	21.098	ug/l	100
85) sec-Butylbenzene	11.32	105	134200	20.855	ug/l	99
86) p-Isopropyltoluene	11.48	119	113972	20.687	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	57612	20.176	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	57791	19.805	ug/l	98
89) n-Butylbenzene	11.89	91	102985	18.877	ug/l	98
90) Hexachloroethane	12.14	117	20768	19.998	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	56469	20.316	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11629	20.594	ug/l	100

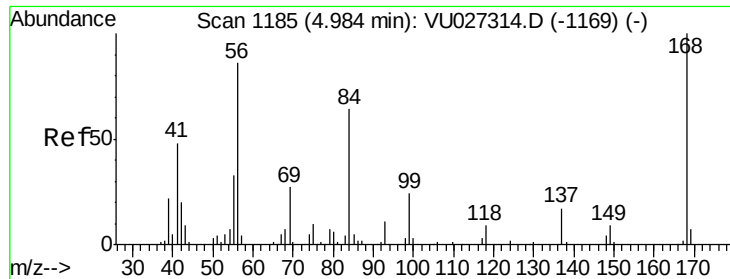
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100118\
Data File : VU027322.D
Acq On : 01 Oct 2018 16:47
Operator : MD/SY
Sample : VU1001WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Quant Time: Oct 02 07:21:55 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.50	180	37884	21.064	ug/l	100
94) Hexachlorobutadiene	13.69	225	19727	21.710	ug/l	99
95) Naphthalene	13.74	128	135570	21.065	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	36678	19.575	ug/l	98

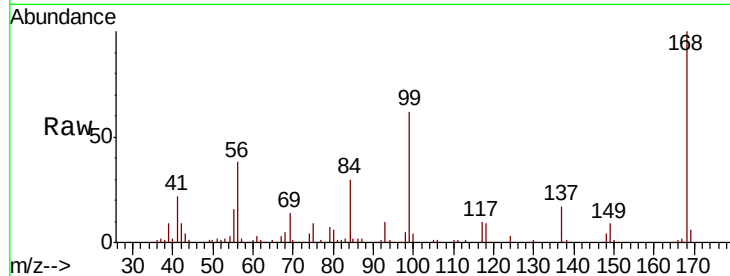
(#) = qualifier out of range (m) = manual integration (+) = signals summed



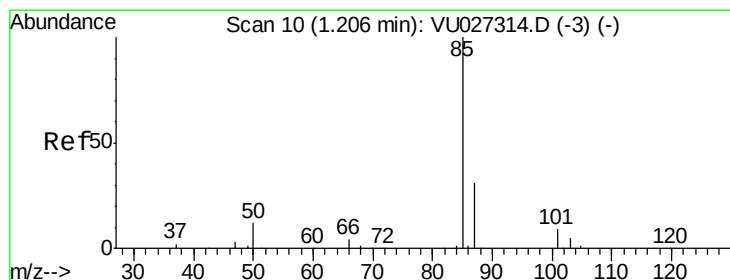
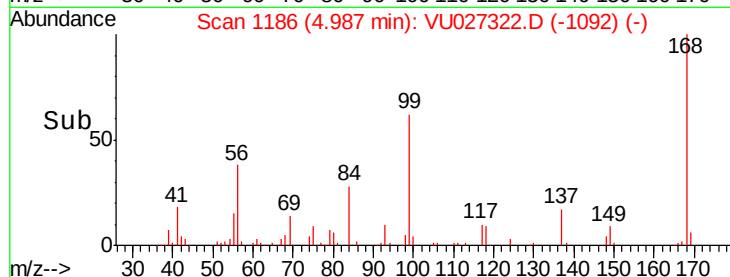
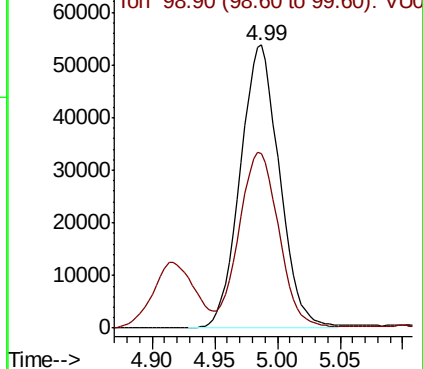
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion:168 Resp: 117291
Ion Ratio Lower Upper
168 100
99 60.9 50.8 76.2

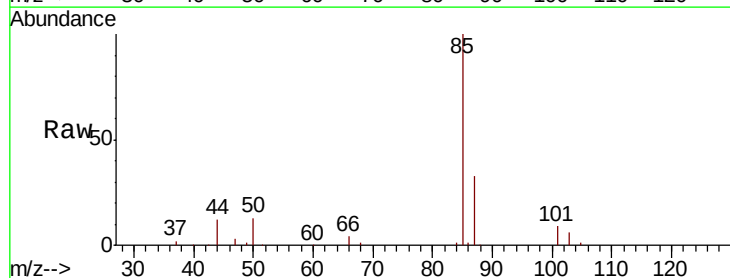


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

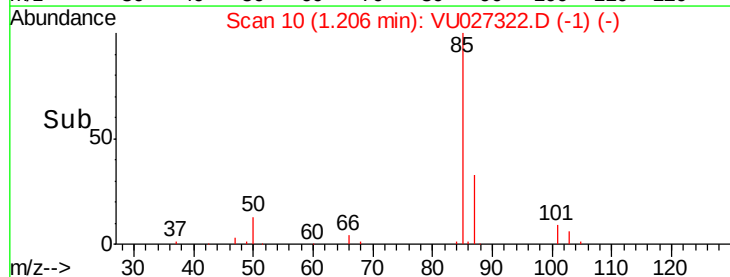
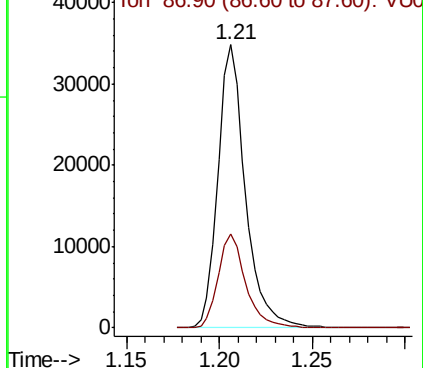


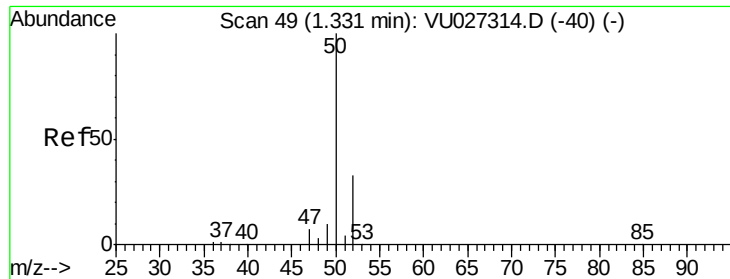
#2
Dichlorodifluoromethane
Concen: 21.141 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 85 Resp: 35750
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)
Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)





#3

Chloromethane

Concen: 19.811 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

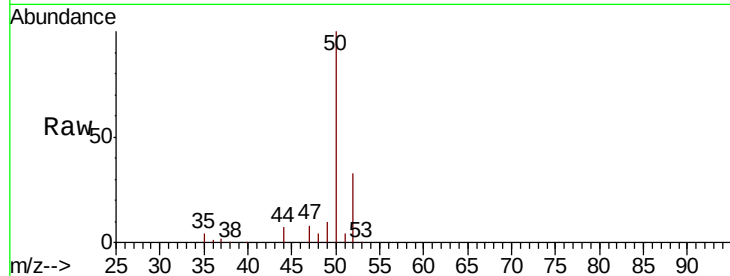
VU1001WBS01

Tot Ion: 50 Resp: 45354

Ion Ratio Lower Upper

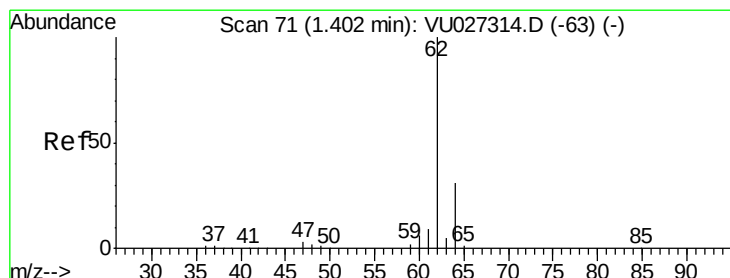
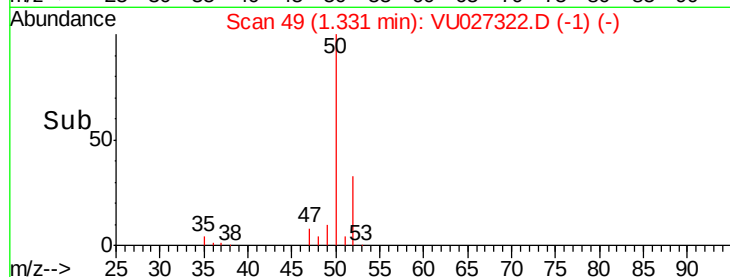
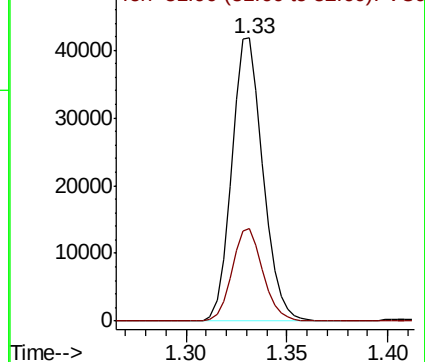
50 100

52 32.6 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: 20.245 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027322.D

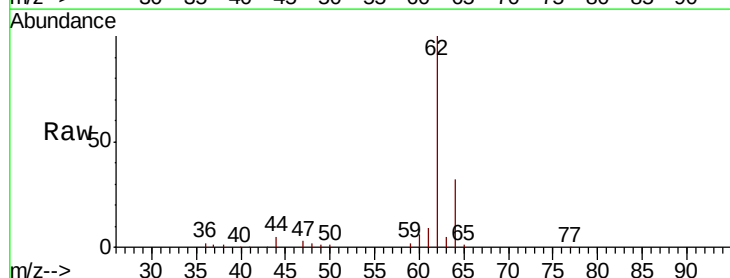
Acq: 01 Oct 2018 16:47

Tgt Ion: 62 Resp: 43568

Ion Ratio Lower Upper

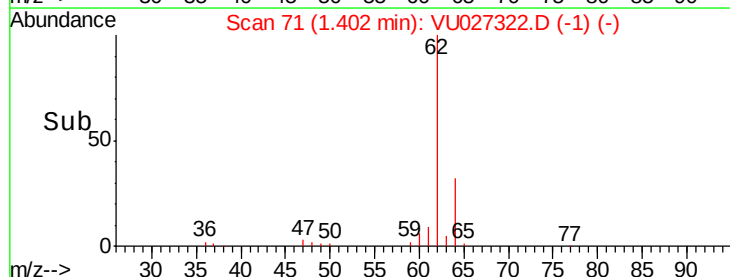
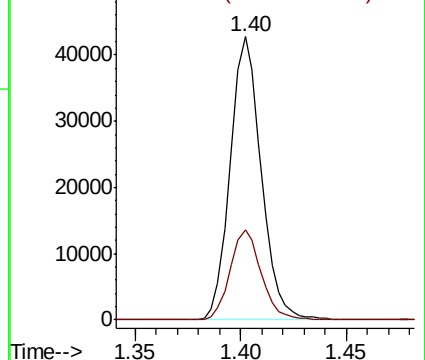
62 100

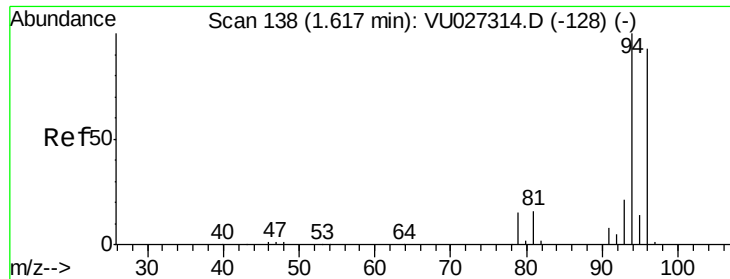
64 31.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

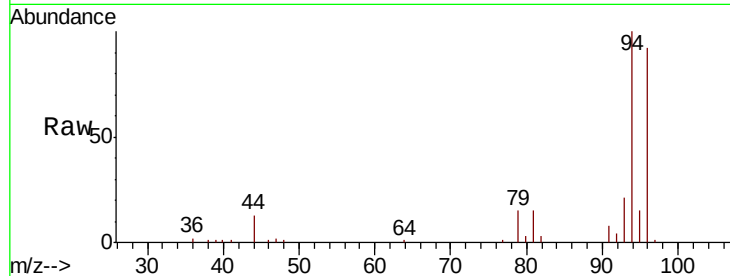




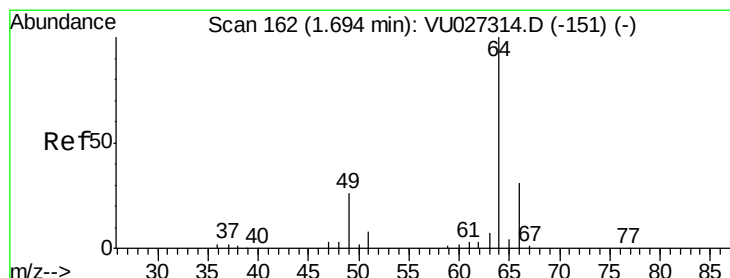
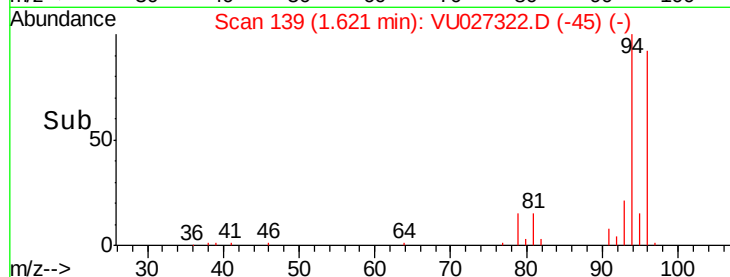
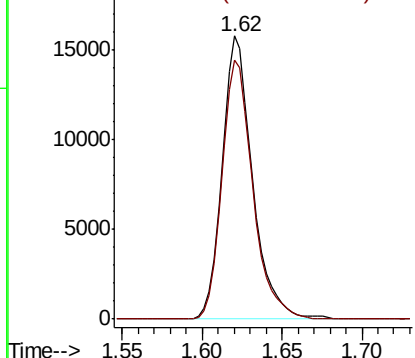
#5
Bromomethane
Concen: 21.804 ug/l
RT: 1.62 min Scan# 139
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 94 Resp: 20304
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

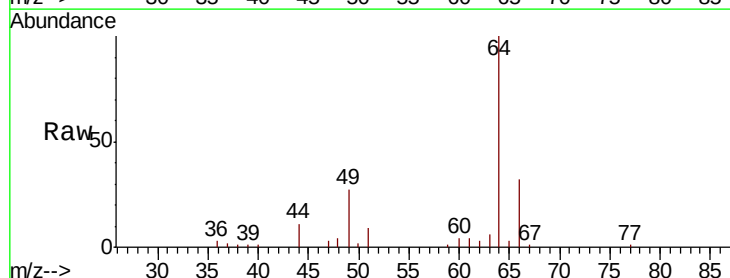


Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0

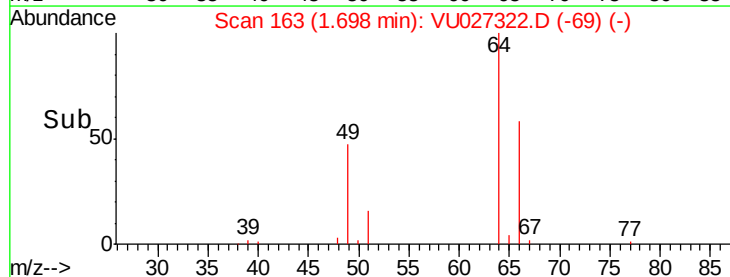
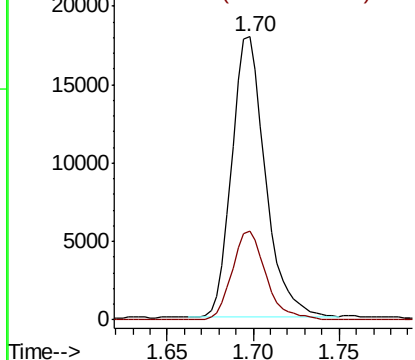


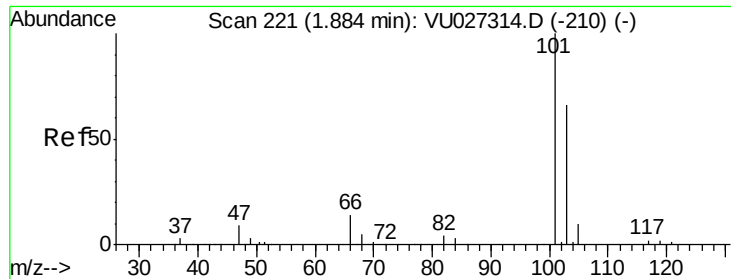
#6
Chloroethane
Concen: 18.856 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 64 Resp: 24384
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0



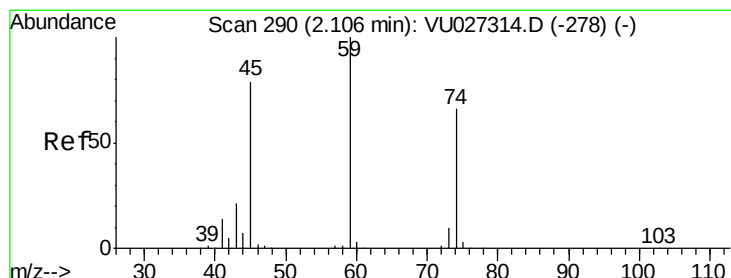
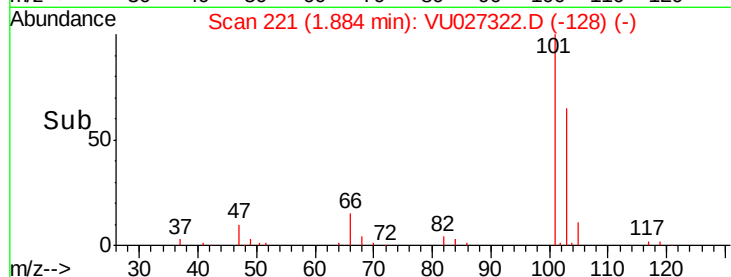
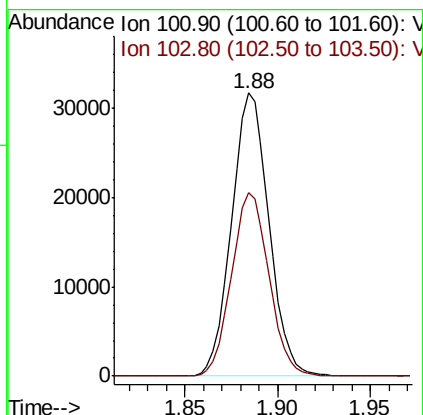
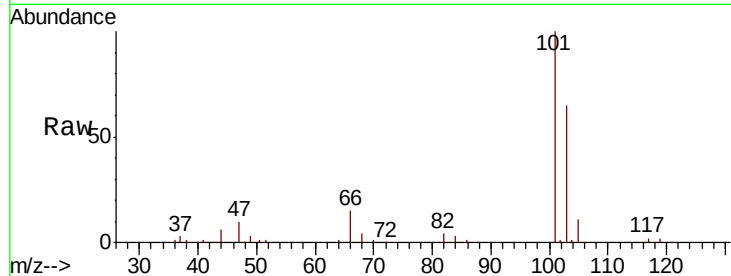


#7

Trichlorofluoromethane
 Concen: 20.289 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

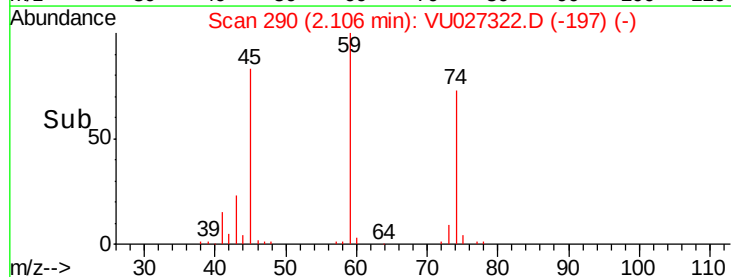
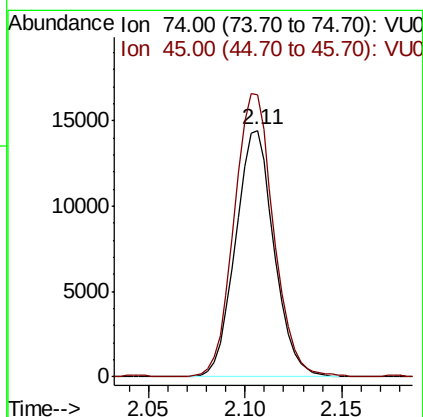
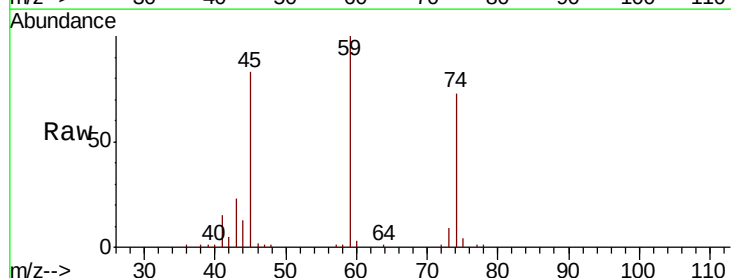
Tot Ion:101 Resp: 44302
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.6 78.8

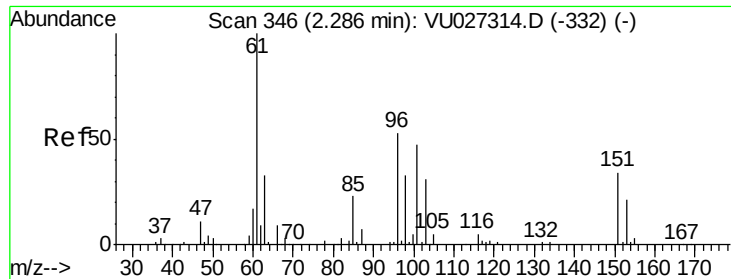


#8

Diethyl Ether
 Concen: 19.808 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 74 Resp: 19924
 Ion Ratio Lower Upper
 74 100
 45 118.7 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.325 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

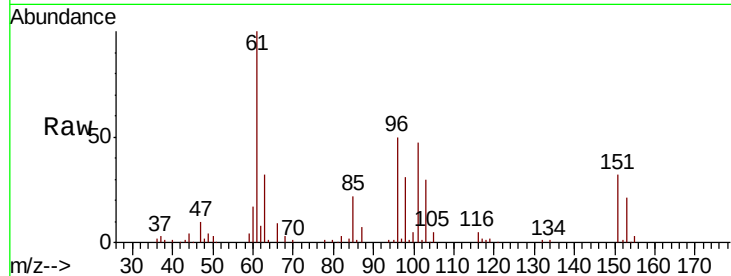
Tot Ion:101 Resp: 25774

Ion Ratio Lower Upper

101 100

85 46.2 37.5 56.3

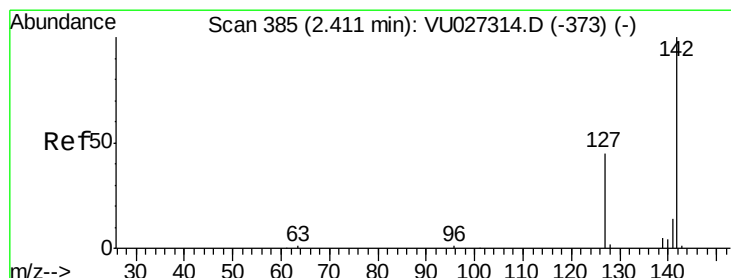
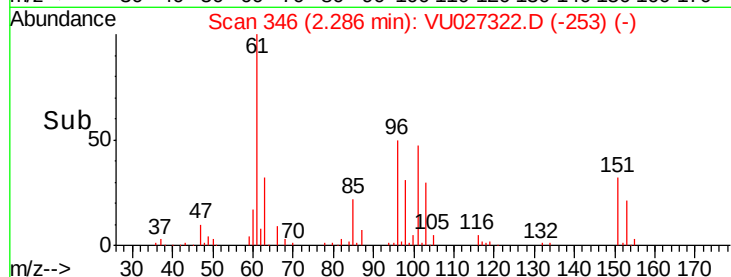
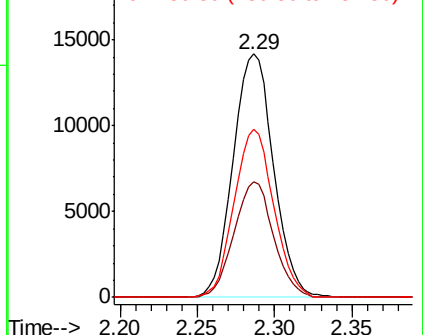
151 67.4 55.6 83.4



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: 16.638 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

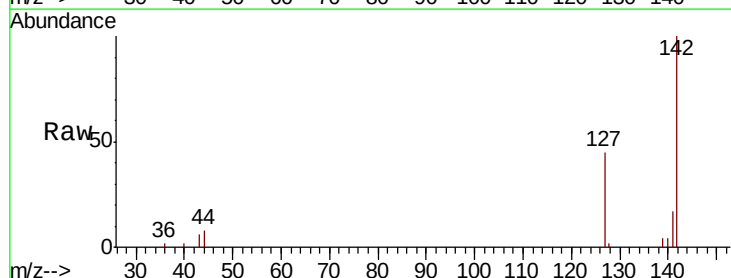
Tgt Ion:142 Resp: 11064

Ion Ratio Lower Upper

142 100

127 44.7 36.3 54.5

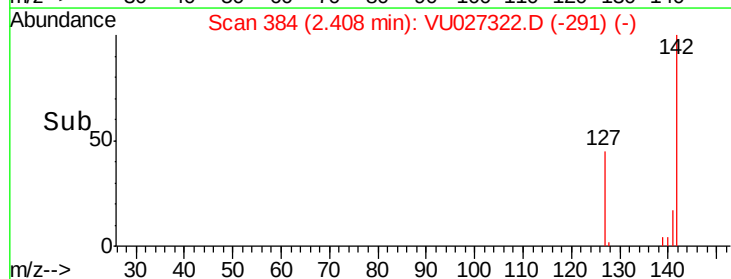
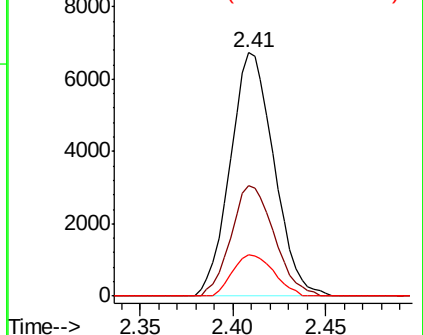
141 15.9 11.6 17.4

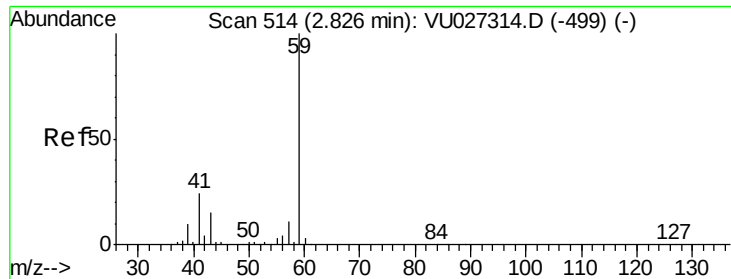


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

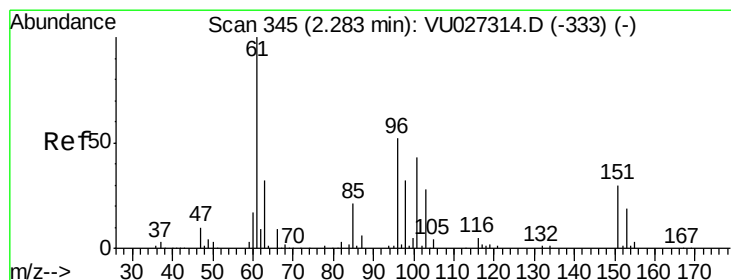
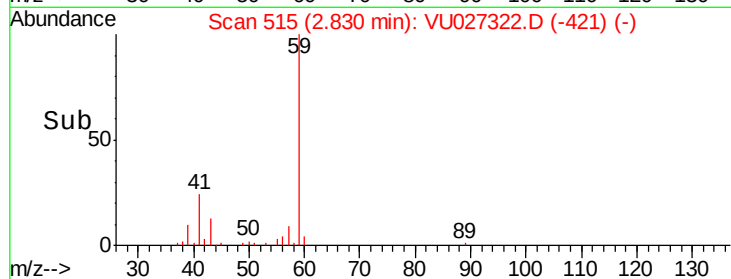
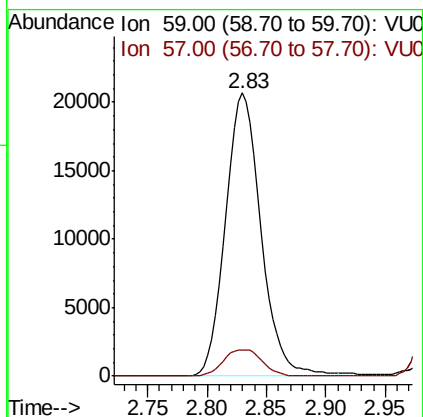
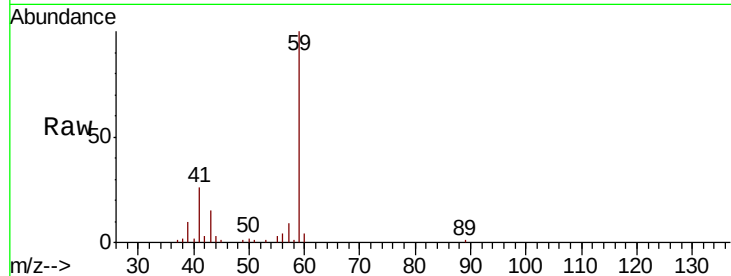




#11
Tert butyl alcohol
Concen: 103.872 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

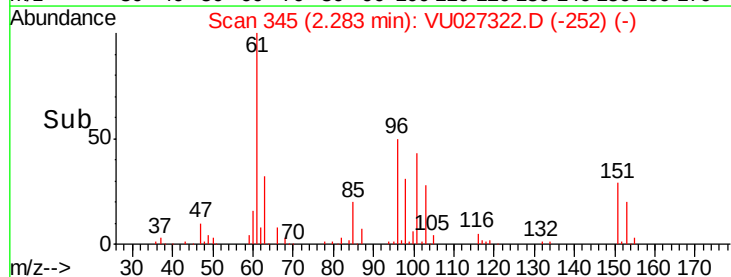
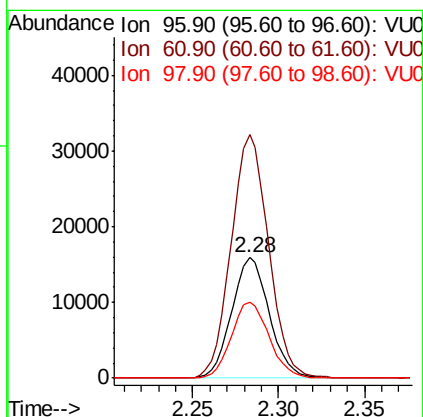
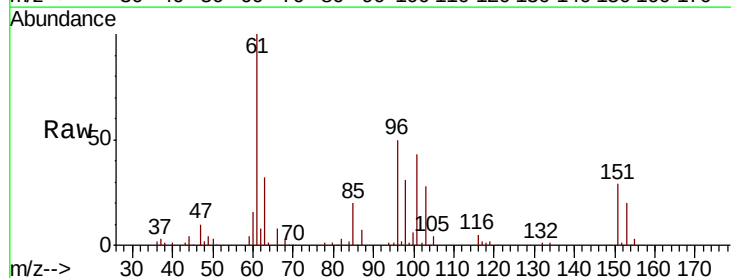
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

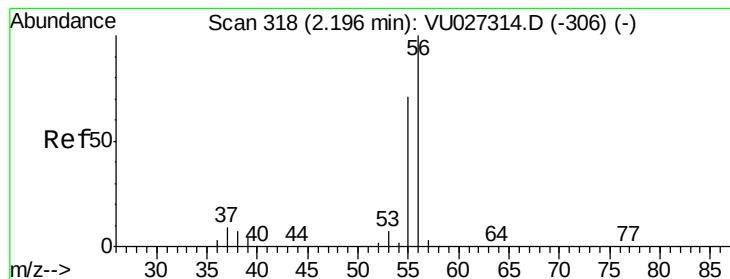
Tot Ion: 59 Resp: 42841
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.526 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 96 Resp: 24191
Ion Ratio Lower Upper
96 100
61 201.9 153.0 229.6
98 63.0 49.3 73.9





#13

Acrolein

Concen: 87.731 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

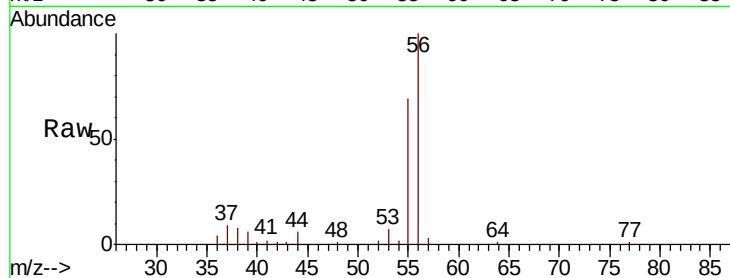
VU1001WBS01

Tot Ion: 56 Resp: 30362

Ion Ratio Lower Upper

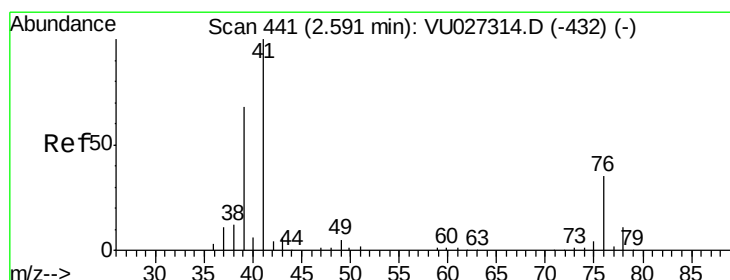
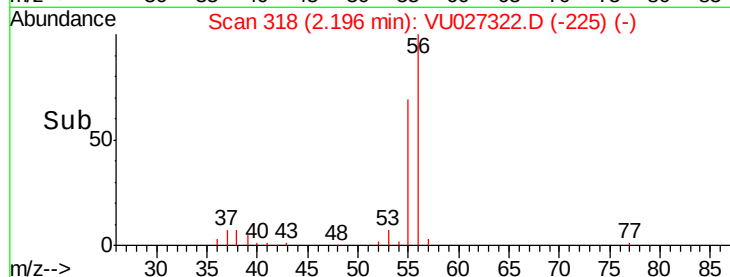
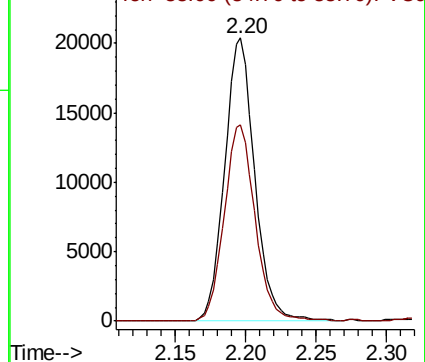
56 100

55 71.2 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 19.044 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

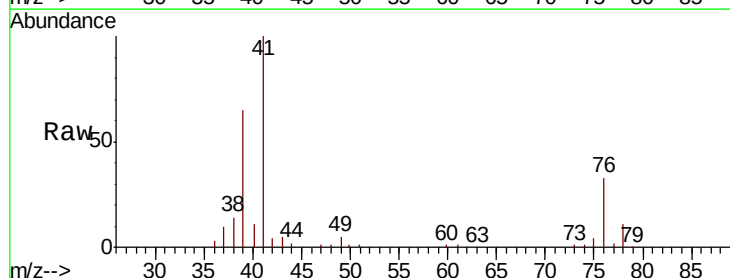
Tgt Ion: 41 Resp: 56028

Ion Ratio Lower Upper

41 100

39 68.1 51.8 77.8

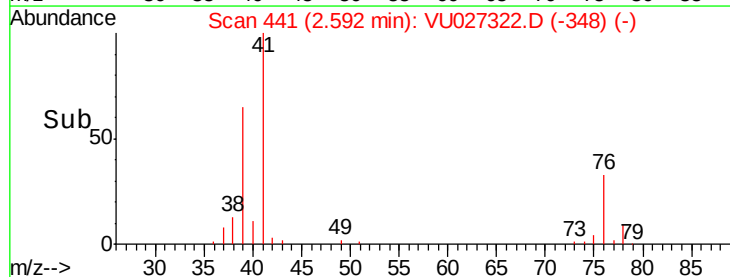
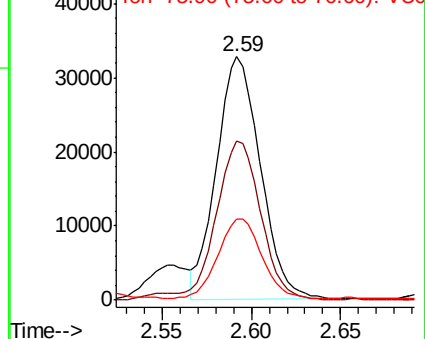
76 32.7 25.9 38.9

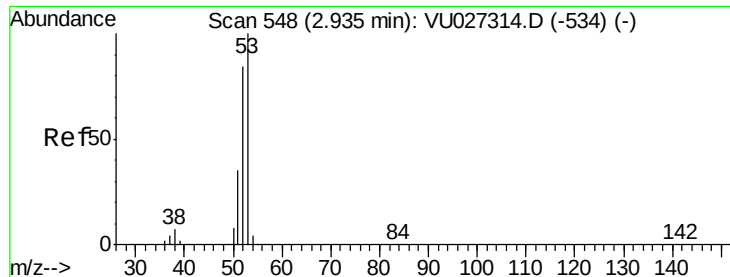


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 101.971 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

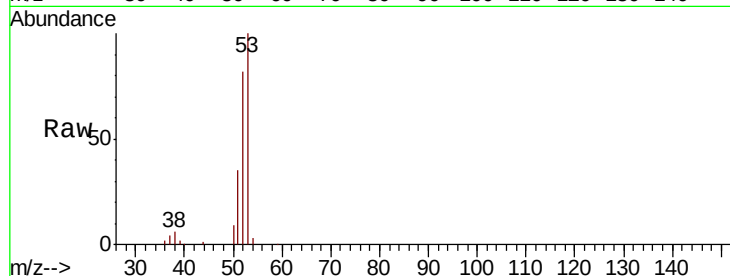
Tot Ion: 53 Resp: 109463

Ion Ratio Lower Upper

53 100

52 81.6 66.5 99.7

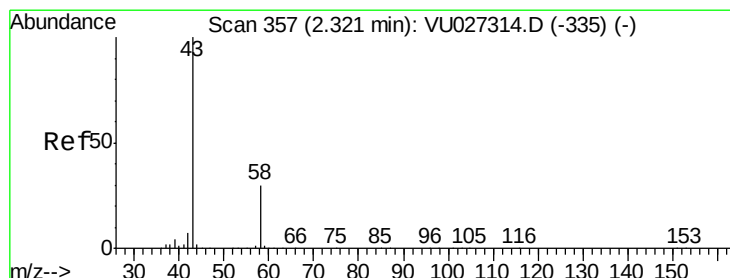
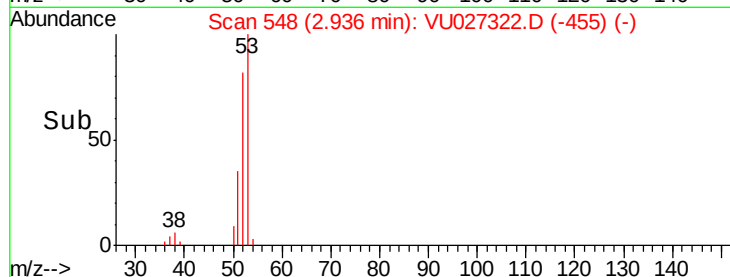
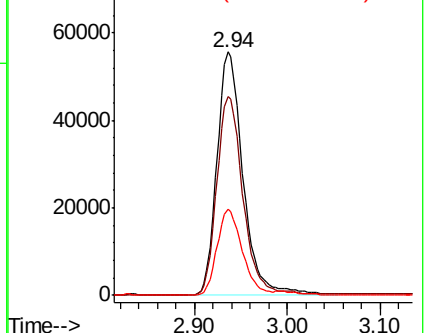
51 34.0 27.6 41.4



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: 91.335 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027322.D

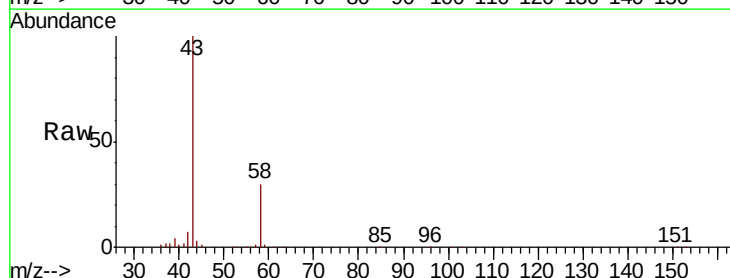
Acq: 01 Oct 2018 16:47

Tgt Ion: 43 Resp: 105678

Ion Ratio Lower Upper

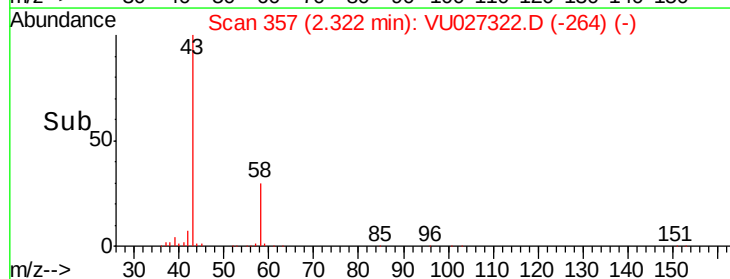
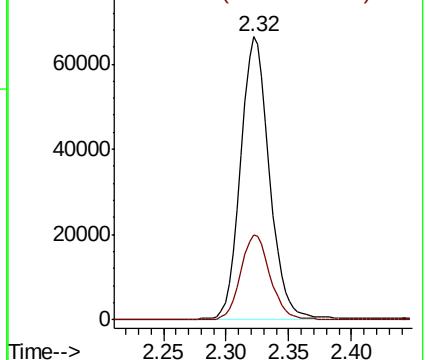
43 100

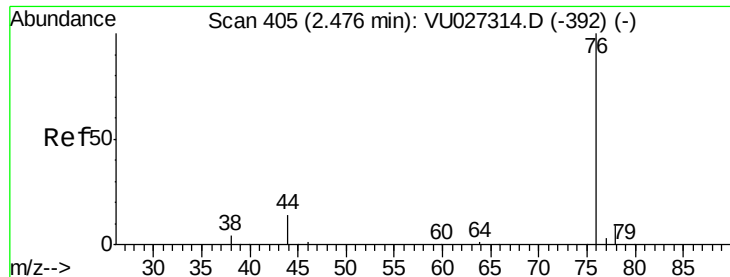
58 30.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 18.797 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

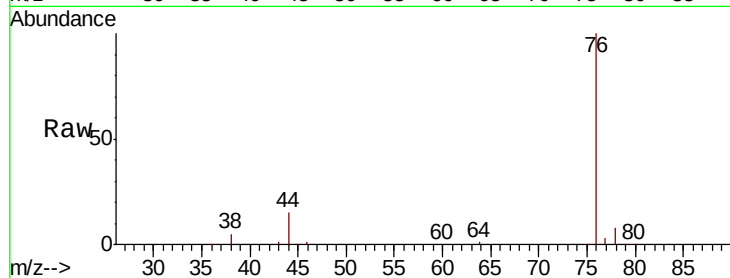
VU1001WBS01

Tot Ion: 76 Resp: 83992

Ion Ratio Lower Upper

76 100

78 8.5 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

50000

40000

30000

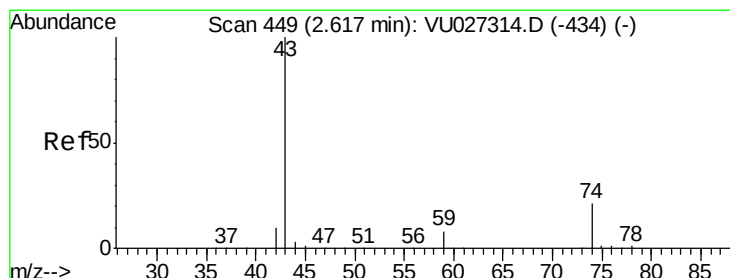
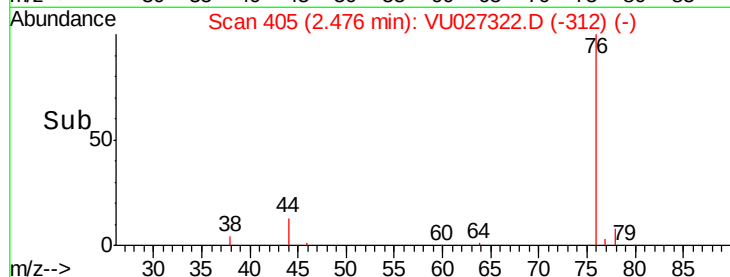
20000

10000

0

Time-->

2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 19.812 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027322.D

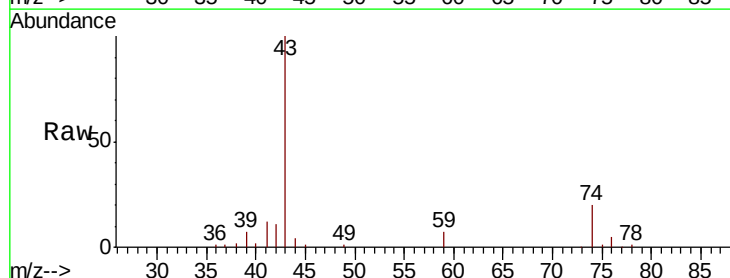
Acq: 01 Oct 2018 16:47

Tgt Ion: 43 Resp: 52293

Ion Ratio Lower Upper

43 100

74 20.2 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

30000

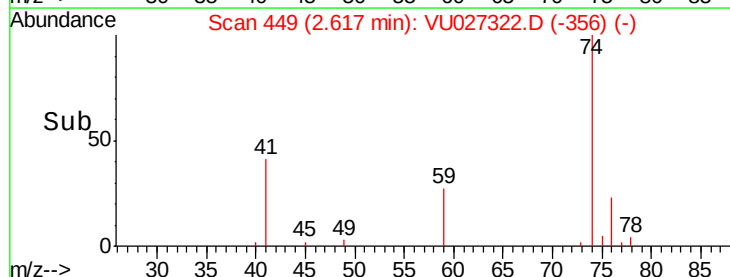
20000

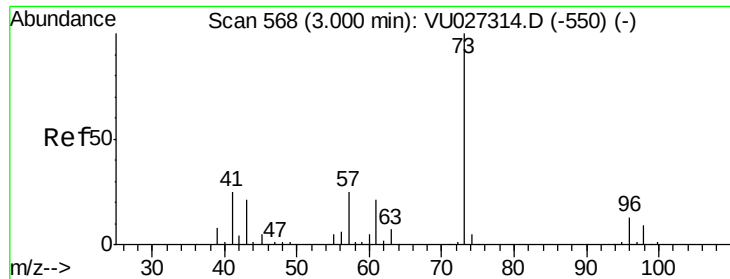
10000

0

Time-->

2.55 2.60 2.65 2.70

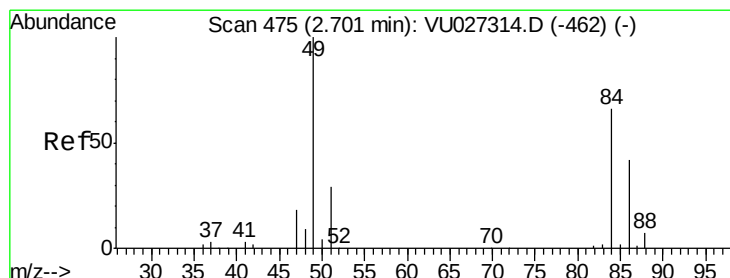
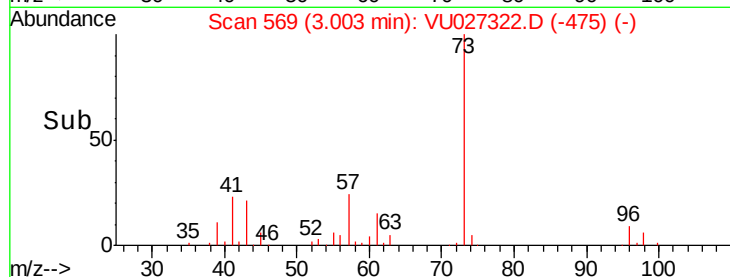
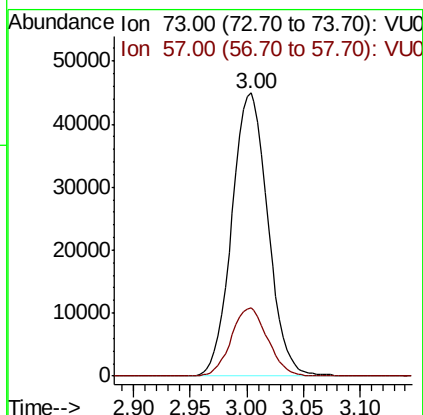
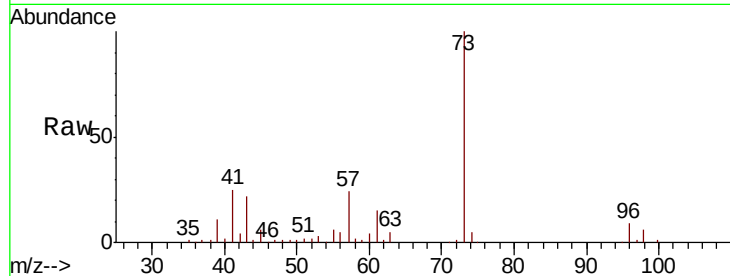




#19
Methyl tert-butyl Ether
Concen: 20.088 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

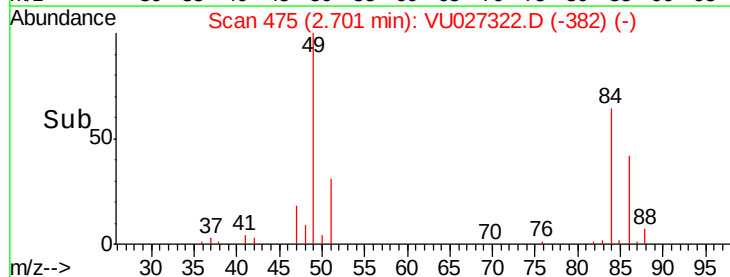
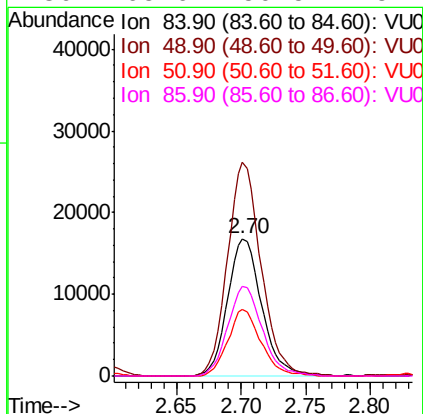
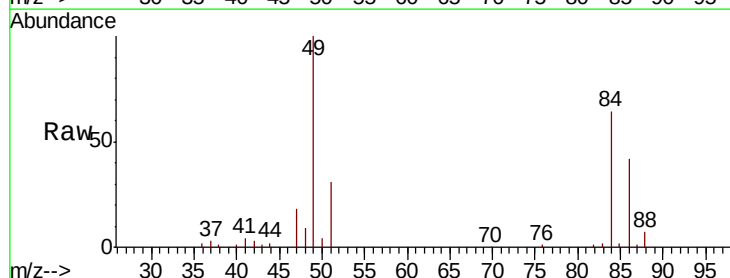
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

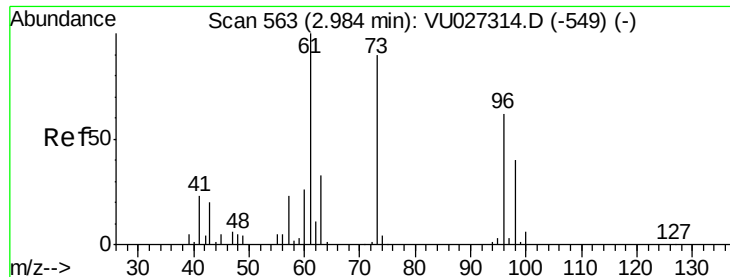
Tot Ion: 73 Resp: 99724
Ion Ratio Lower Upper
73 100
57 24.0 20.0 30.0



#20
Methylene Chloride
Concen: 19.156 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 84 Resp: 30873
Ion Ratio Lower Upper
84 100
49 155.5 120.5 180.7
51 48.9 35.1 52.7
86 65.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.788 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

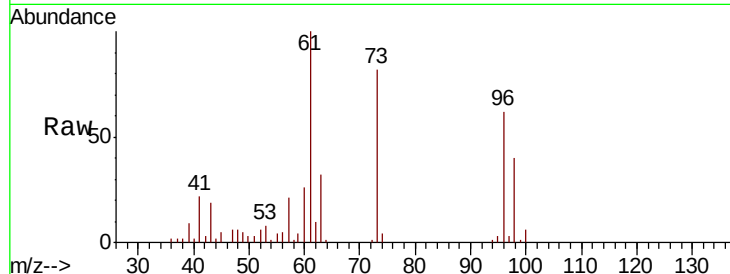
Tot Ion: 96 Resp: 27524

Ion Ratio Lower Upper

96 100

61 161.4 129.4 194.2

98 65.4 51.2 76.8

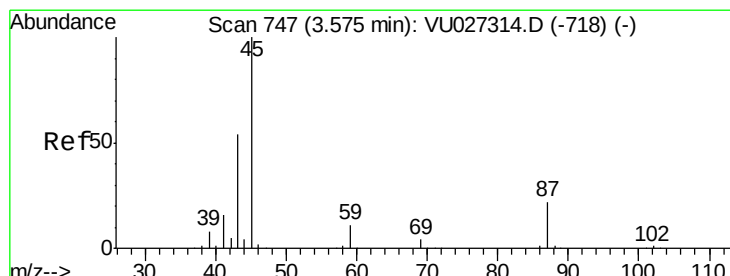
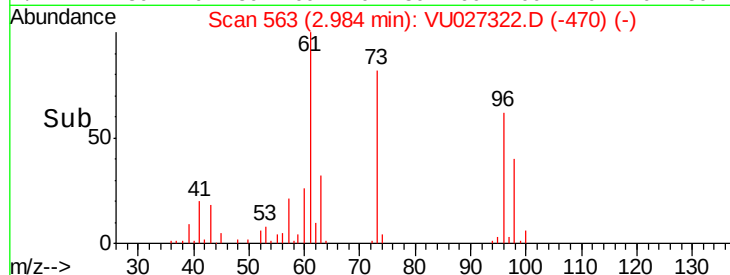
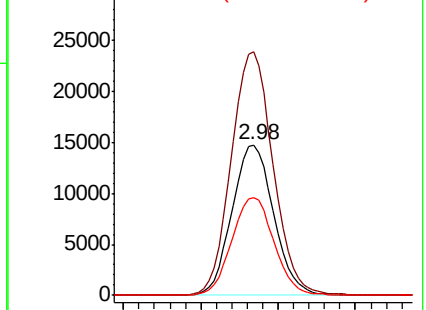


Abundance

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: 20.808 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion: 45 Resp: 124425

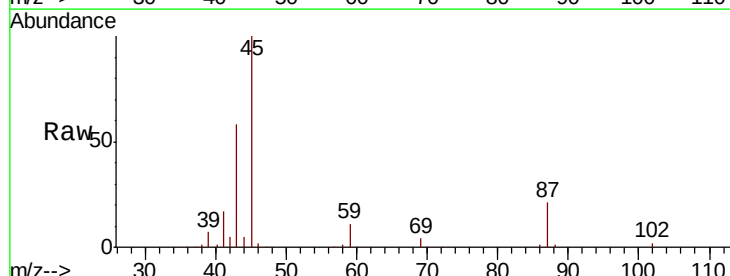
Ion Ratio Lower Upper

45 100

43 55.9 43.4 65.2

87 21.0 17.5 26.3

59 10.7 8.6 13.0



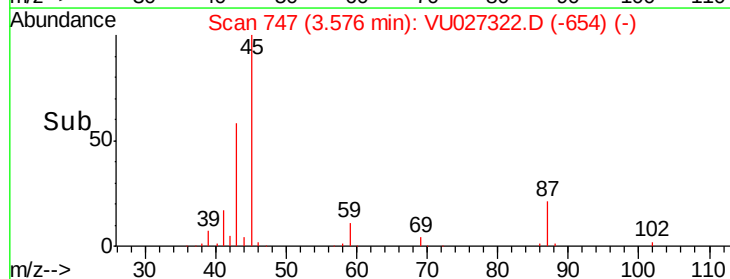
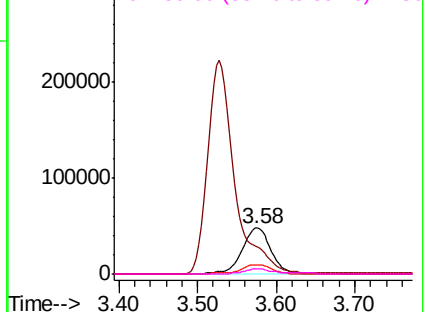
Abundance

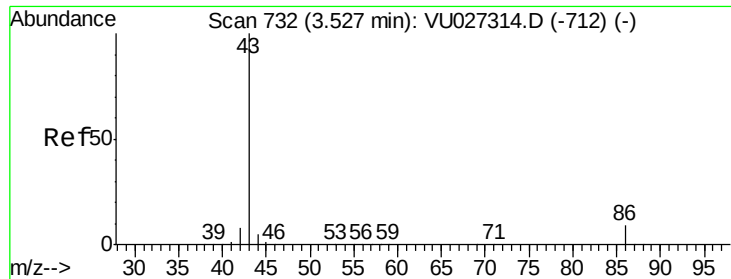
Ion 45.00 (44.70 to 45.70): VU0

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: 101.609 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

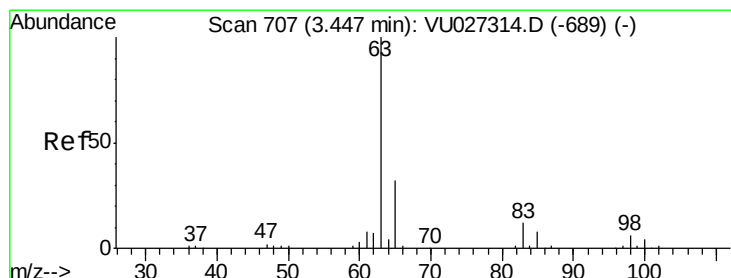
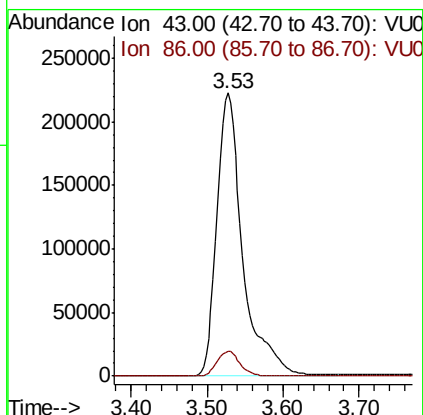
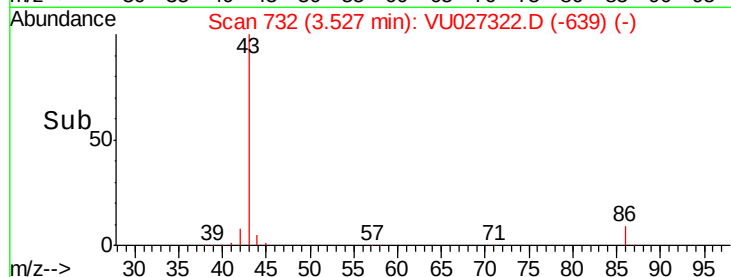
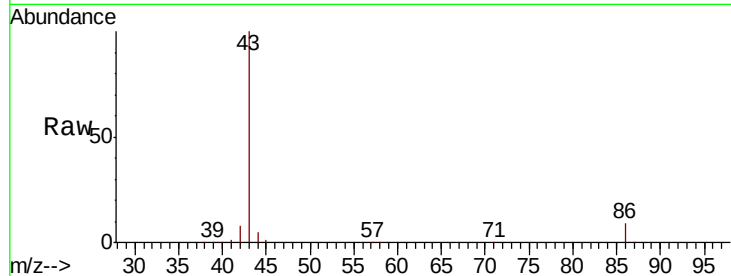
VU1001WBS01

Tot Ion: 43 Resp: 530622

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.4



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

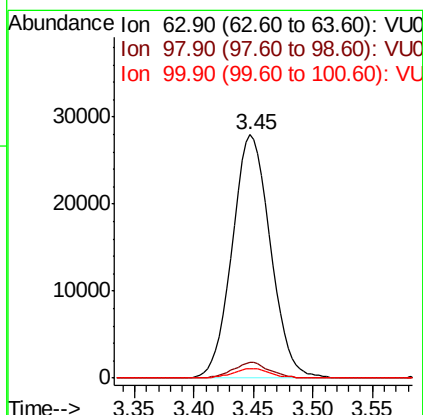
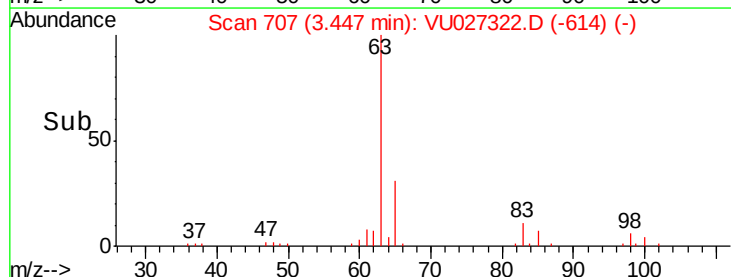
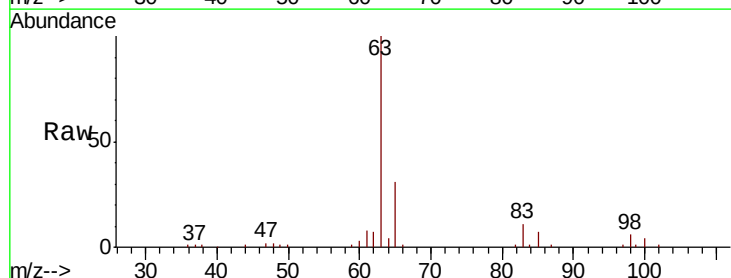
Tgt Ion: 63 Resp: 62262

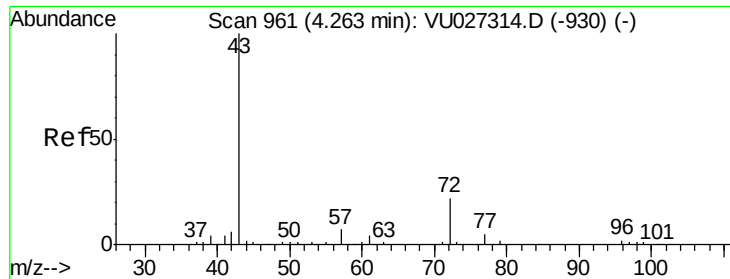
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 101.695 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

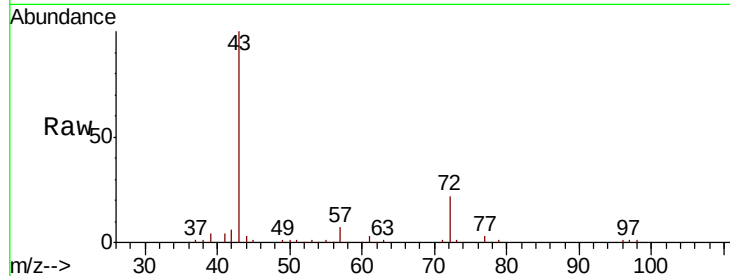
VU1001WBS01

Tot Ion: 43 Resp: 160455

Ion Ratio Lower Upper

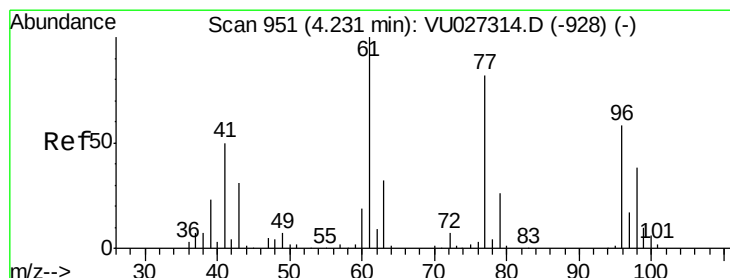
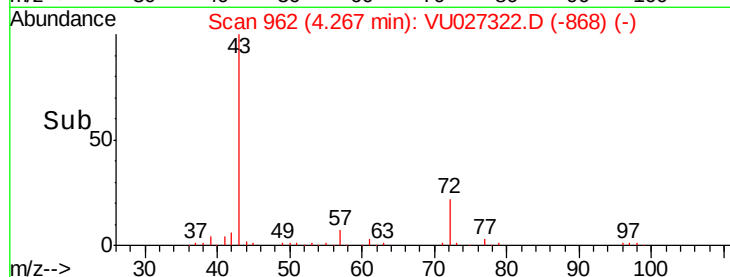
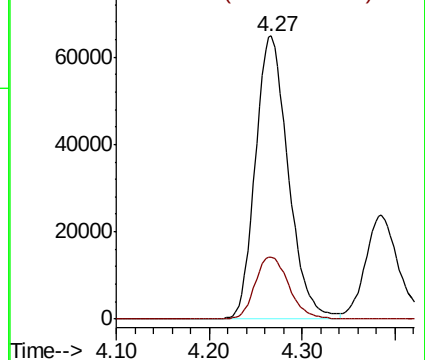
43 100

72 21.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 19.125 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027322.D

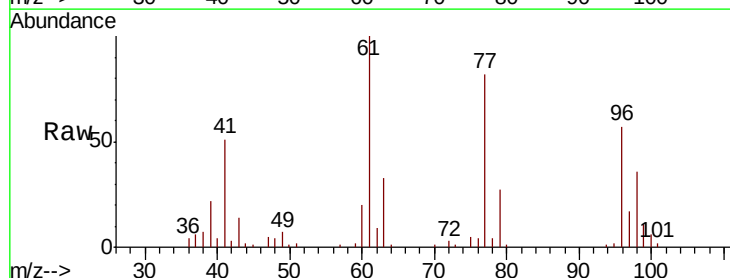
Acq: 01 Oct 2018 16:47

Tgt Ion: 77 Resp: 48310

Ion Ratio Lower Upper

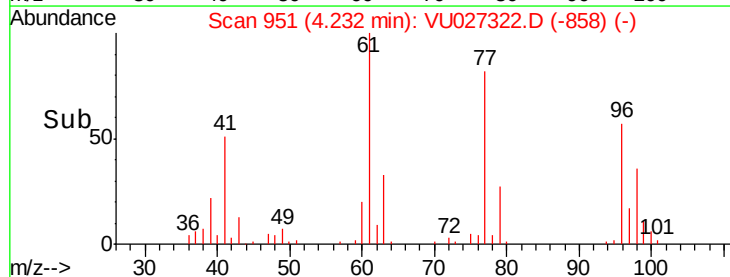
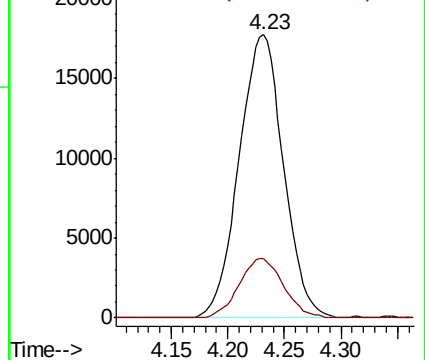
77 100

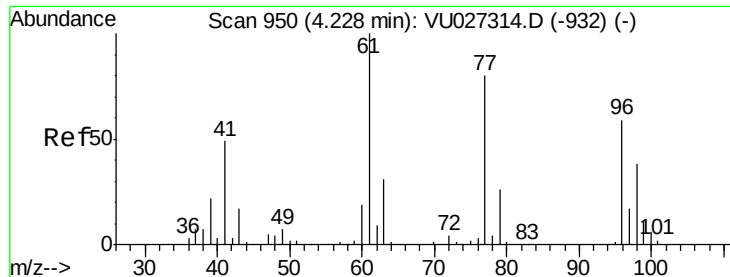
97 21.0 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



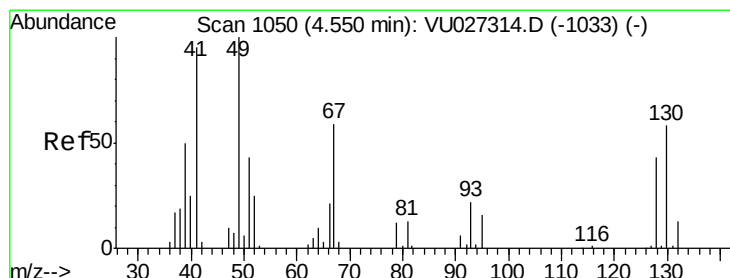
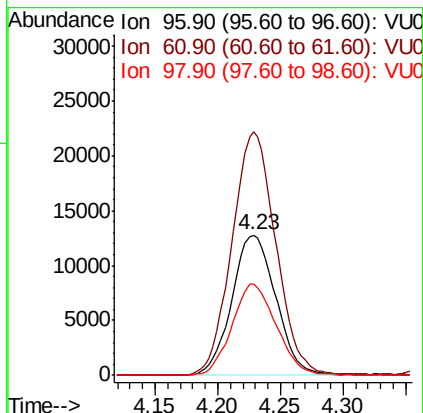
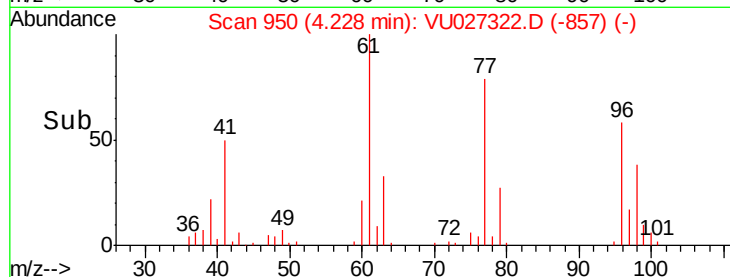
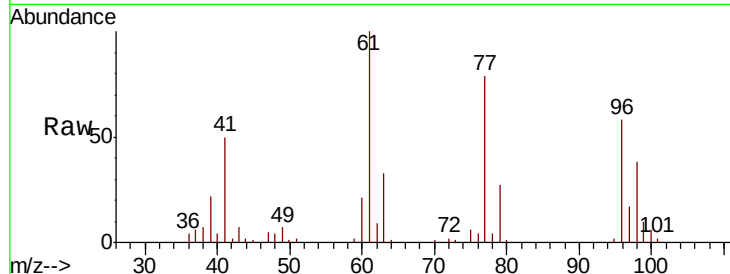


#27

cis-1,2-Dichloroethene
Concen: 19.505 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

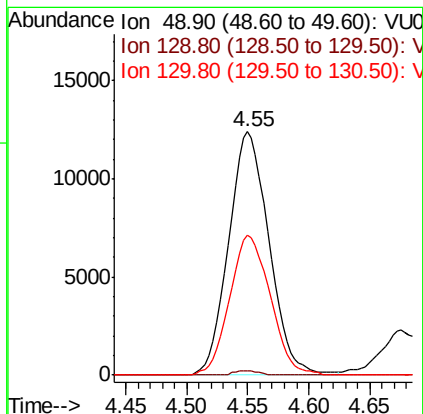
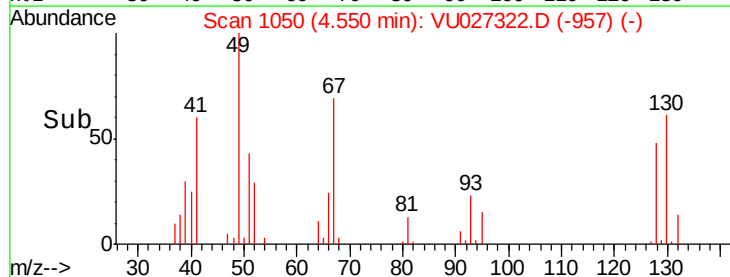
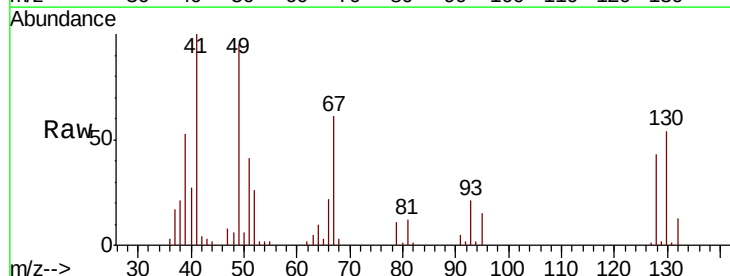
Tot Ion: 96 Resp: 31026
Ion Ratio Lower Upper
96 100
61 174.2 0.0 343.8
98 65.6 0.0 129.0

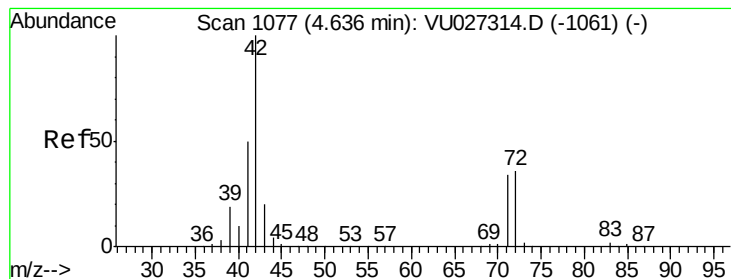


#28

Bromochloromethane
Concen: 19.276 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 49 Resp: 28588
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.0
130 57.7 46.1 69.1





#29

Tetrahydrofuran

Concen: 103.739 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

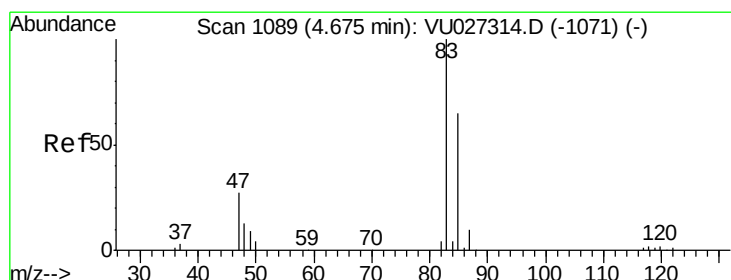
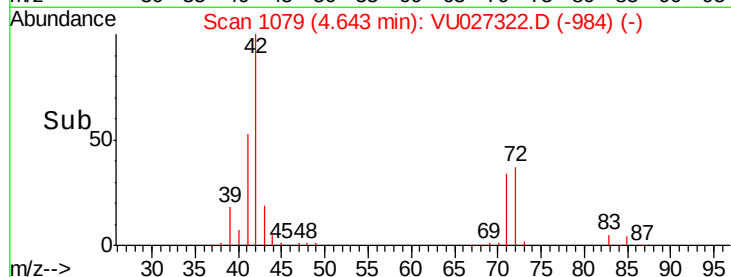
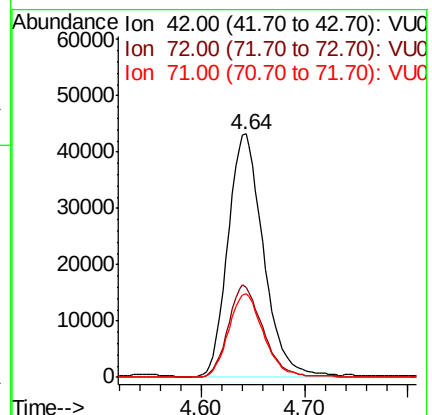
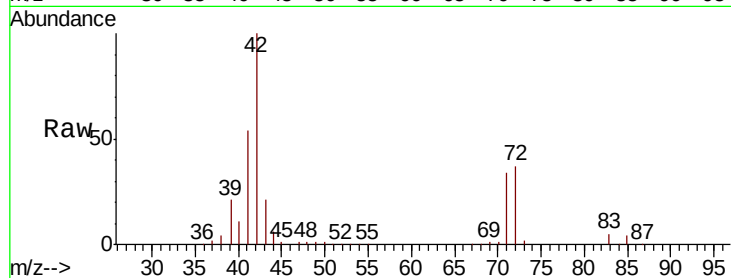
Tot Ion: 42 Resp: 103153

Ion Ratio Lower Upper

42 100

72 37.5 30.1 45.1

71 34.0 27.7 41.5



#30

Chloroform

Concen: 20.149 ug/l

RT: 4.68 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027322.D

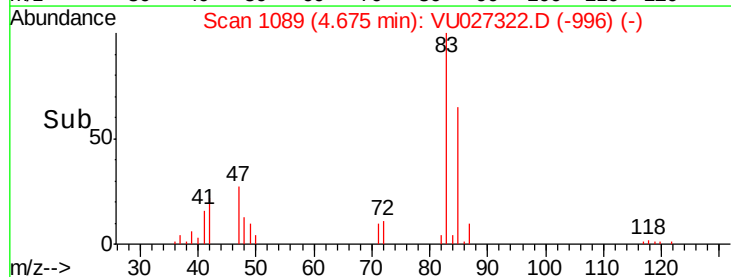
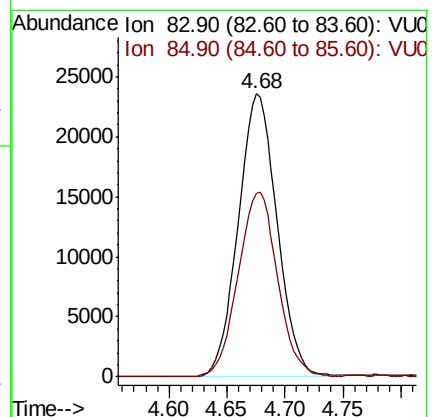
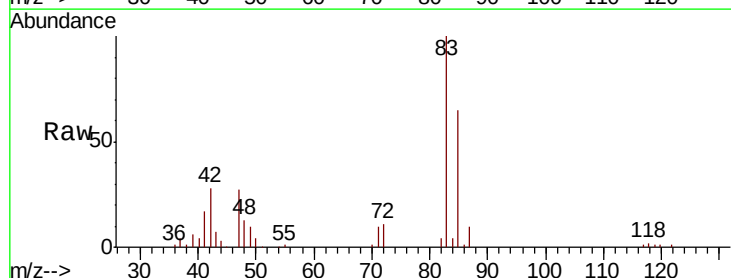
Acq: 01 Oct 2018 16:47

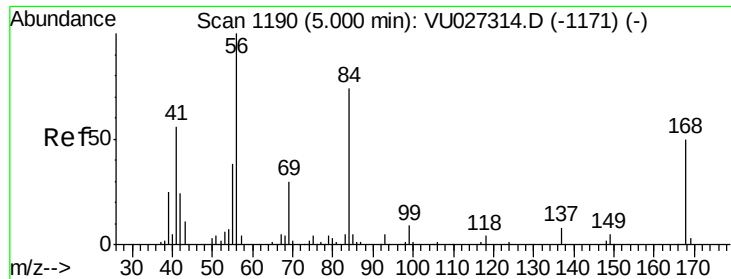
Tgt Ion: 83 Resp: 55032

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

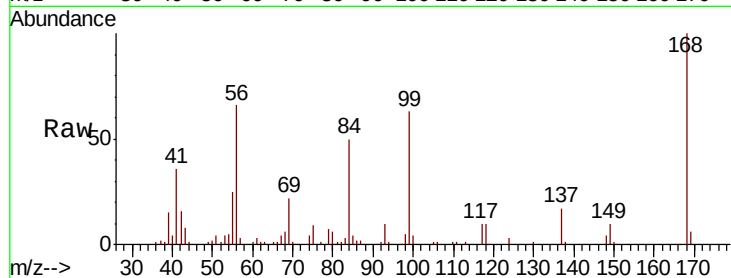




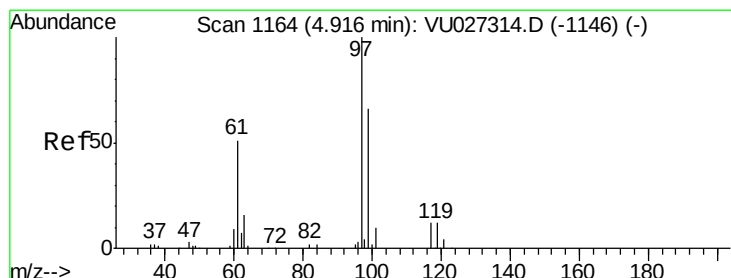
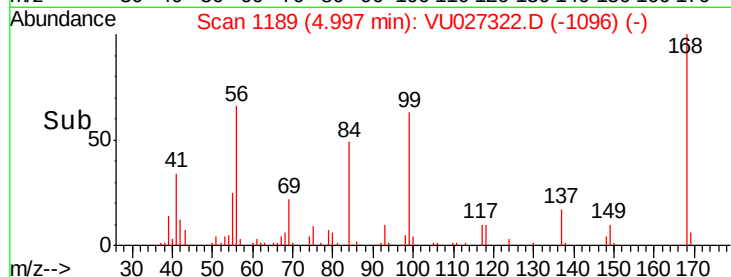
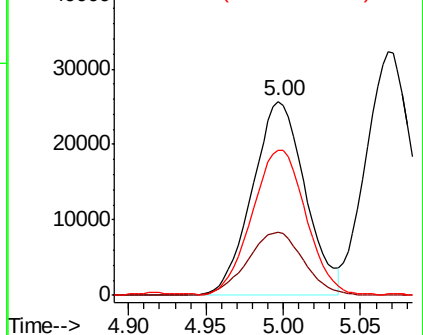
#31
Cyclohexane
Concen: 19.360 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 56 Resp: 61272
Ion Ratio Lower Upper
56 100
69 32.5 24.1 36.1
84 74.4 59.1 88.7

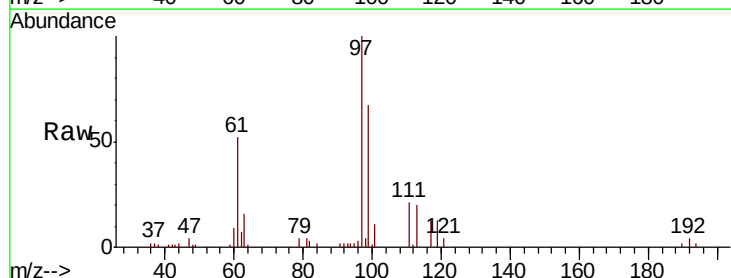


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

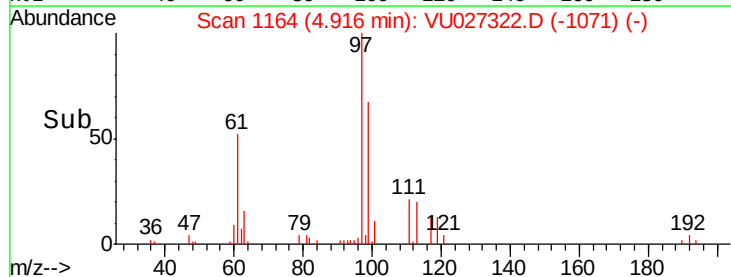
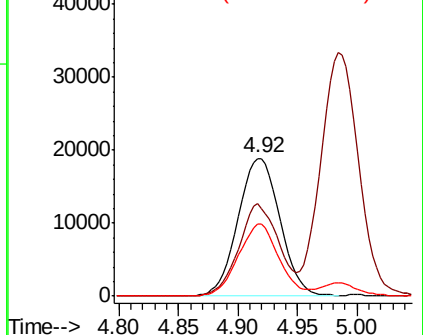


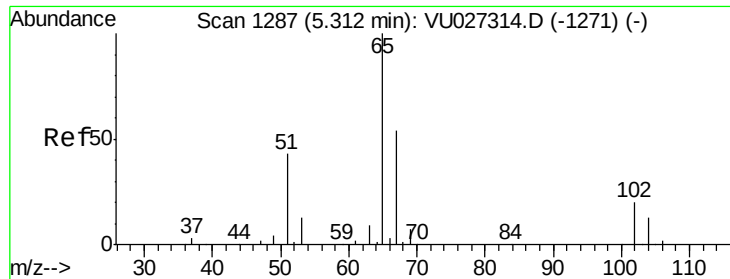
#32
1,1,1-Trichloroethane
Concen: 20.114 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 97 Resp: 46268
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 50.2 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

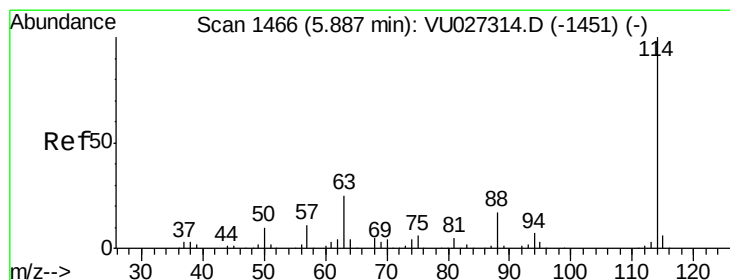
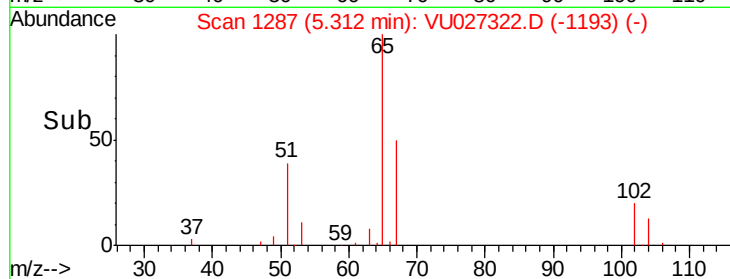
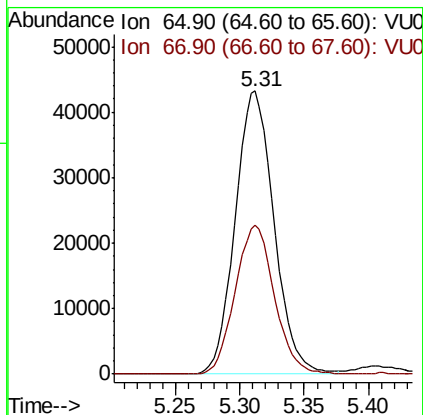
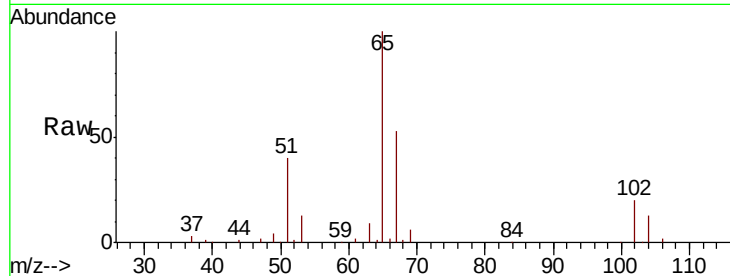




#33
 1,2-Dichloroethane-d4
 Concen: 46.233 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

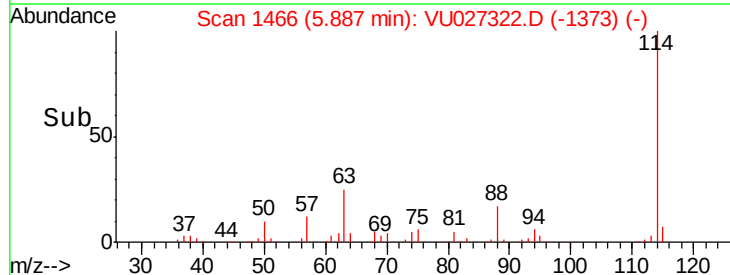
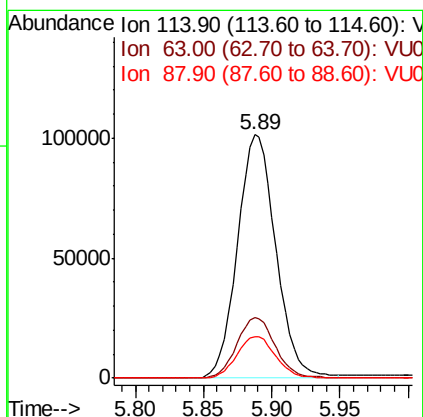
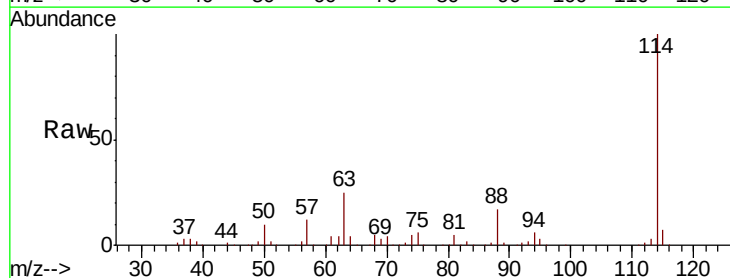
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

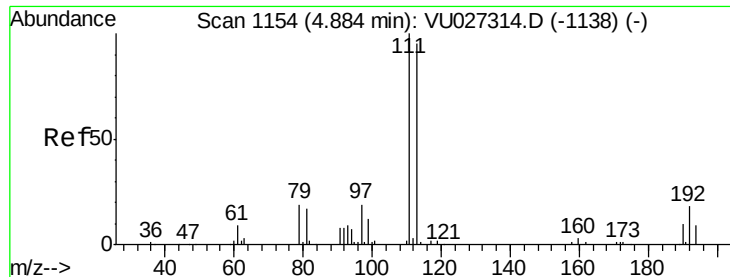
Tot Ion: 65 Resp: 90549
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 114 Resp: 198059
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.2
 88 17.2 0.0 33.8

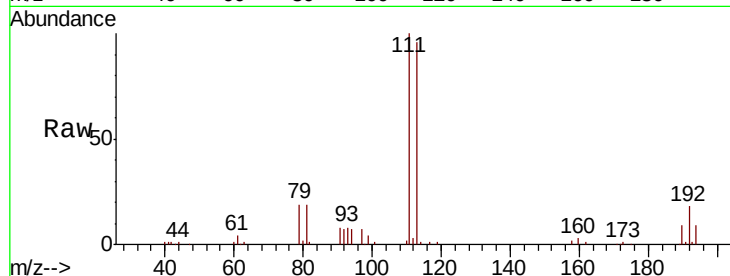




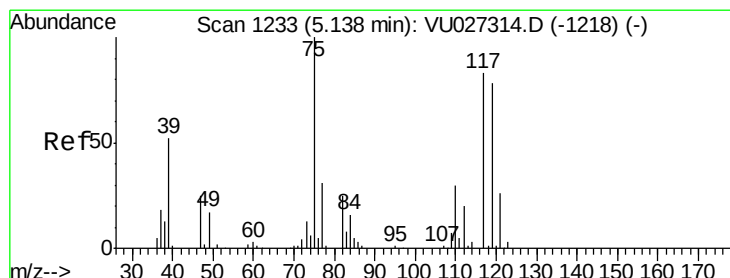
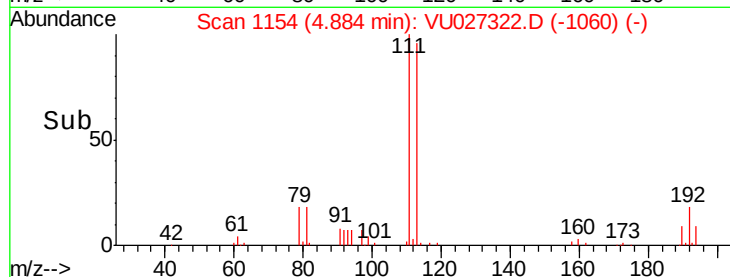
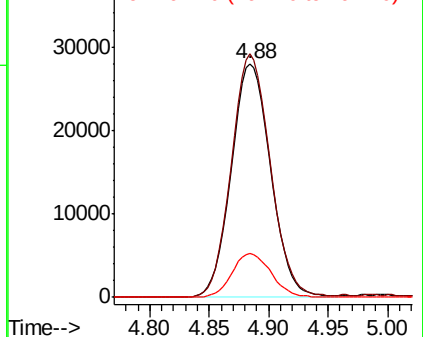
#35
 Dibromofluoromethane
 Concen: 47.359 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion:113 Resp: 64283
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.1 124.7
 192 18.5 15.4 23.0

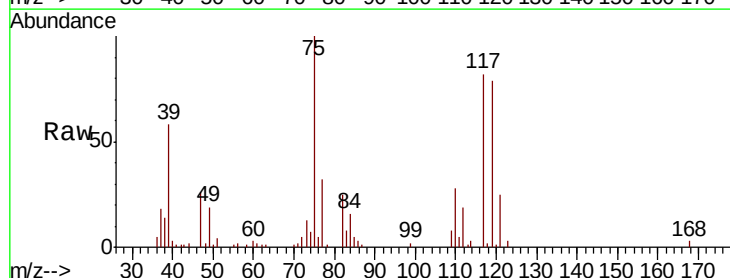


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

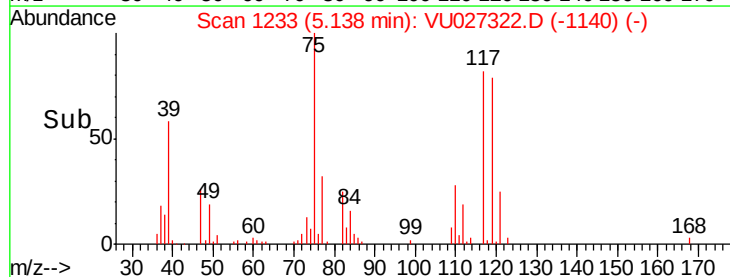
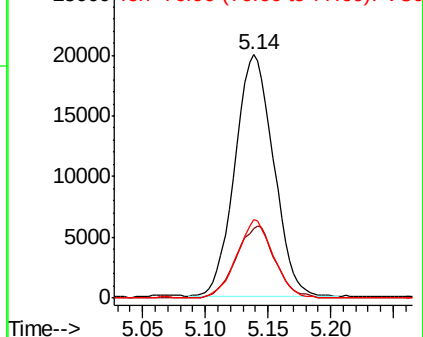


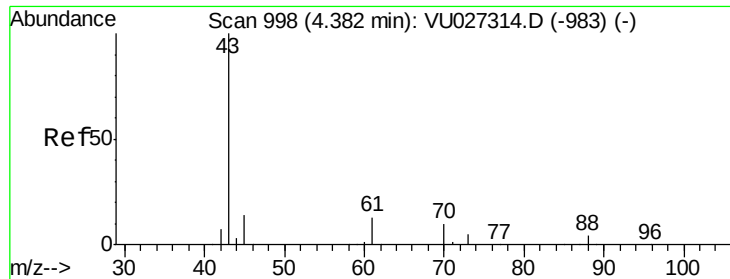
#36
 1,1-Dichloropropene
 Concen: 19.739 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 75 Resp: 42448
 Ion Ratio Lower Upper
 75 100
 110 30.2 15.5 46.5
 77 30.9 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

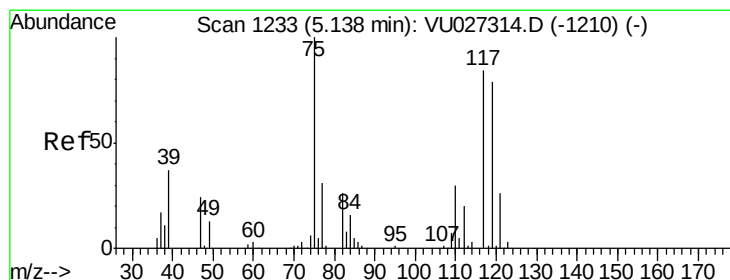
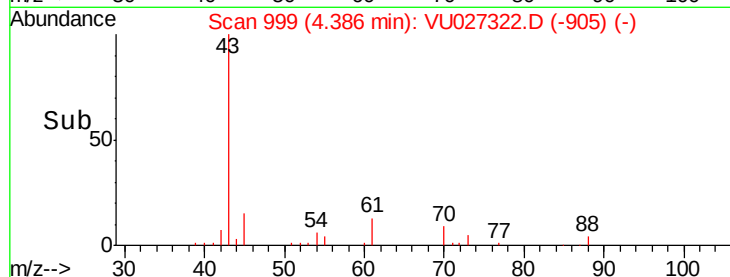
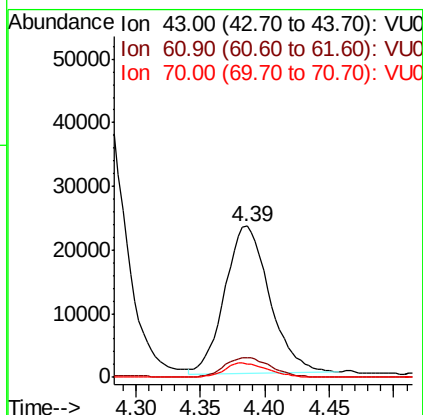
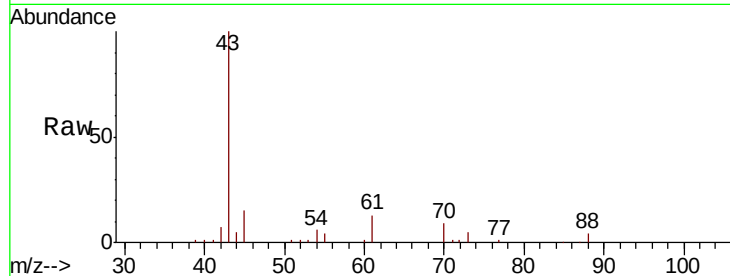




#37
Ethyl Acetate
Concen: 20.071 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

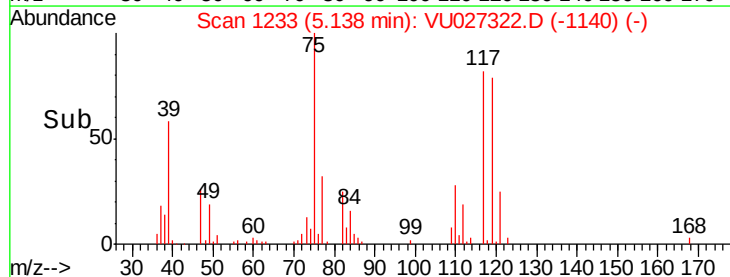
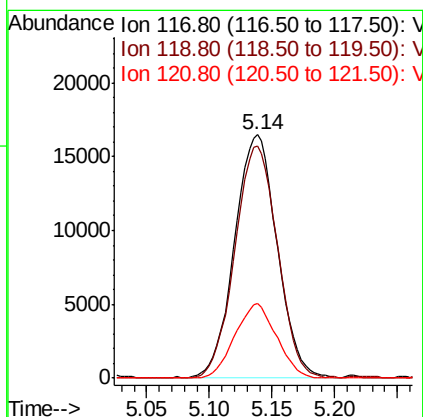
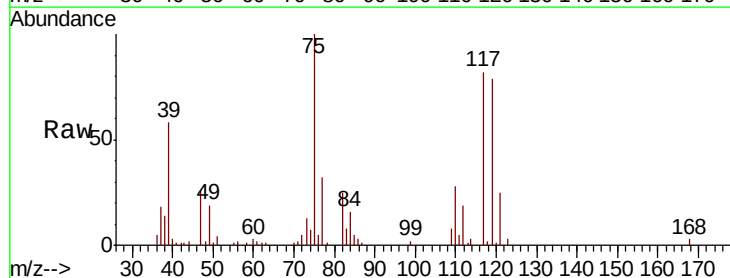
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

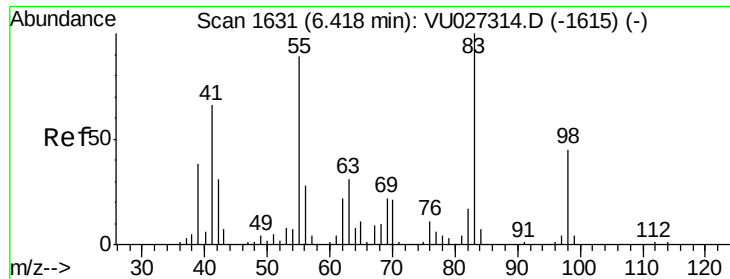
Tot Ion: 43 Resp: 55784
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 9.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 20.084 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 117 Resp: 39015
Ion Ratio Lower Upper
117 100
119 95.5 74.5 111.7
121 30.4 24.6 37.0

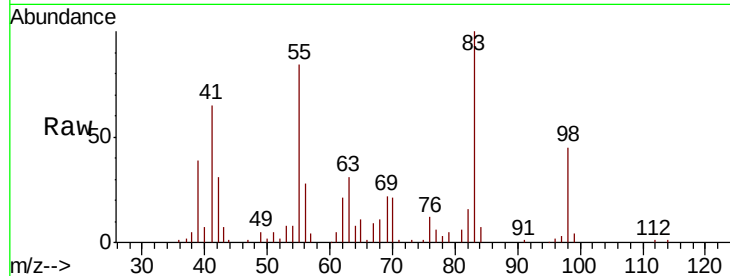




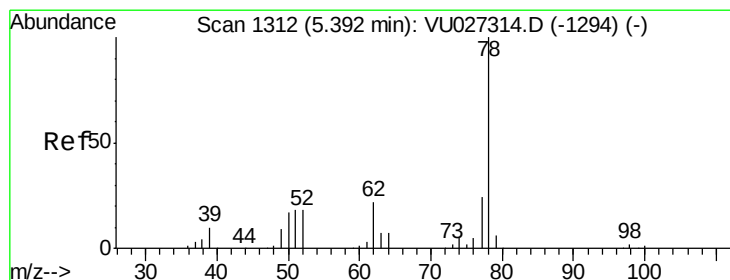
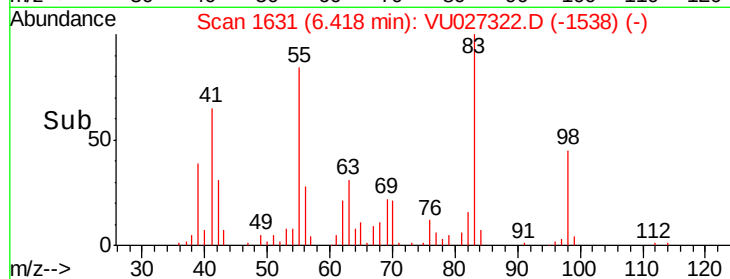
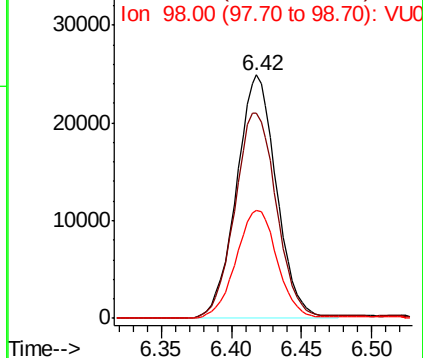
#39
Methylvlcyclohexane
Concen: 19.695 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 83 Resp: 49509
Ion Ratio Lower Upper
83 100
55 84.0 71.1 106.7
98 44.5 36.3 54.5

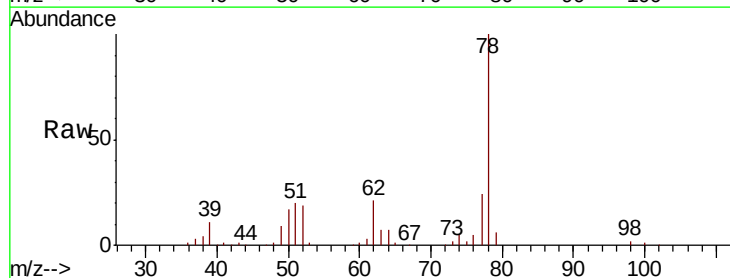


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

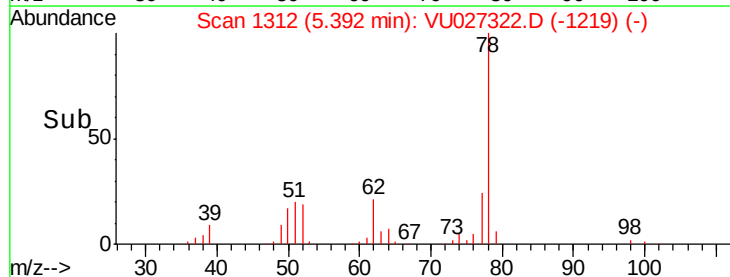
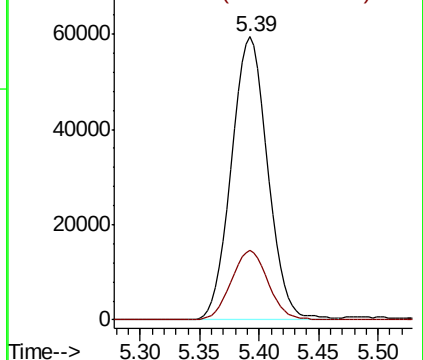


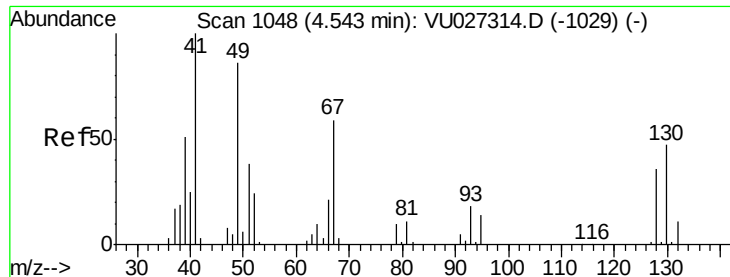
#40
Benzene
Concen: 20.119 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 78 Resp: 126027
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

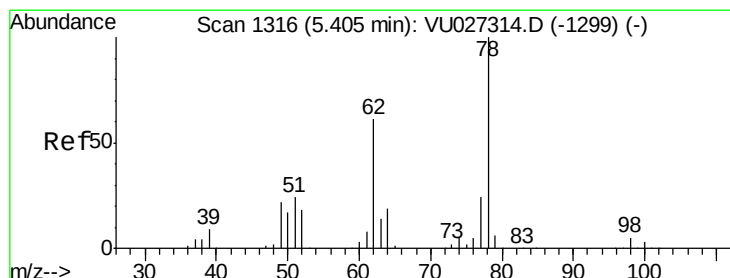
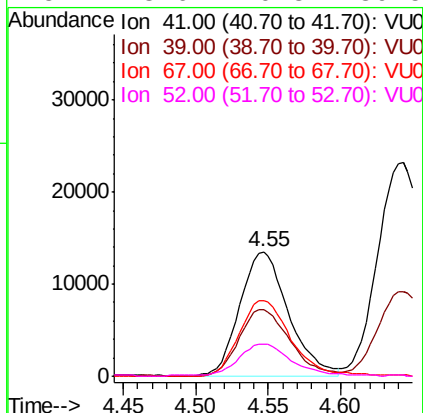
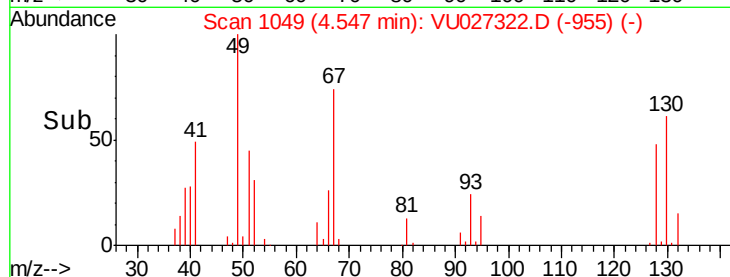
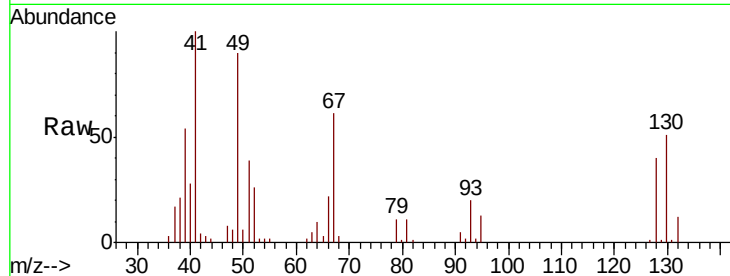




#41
Methacrylonitrile
Concen: 20.164 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

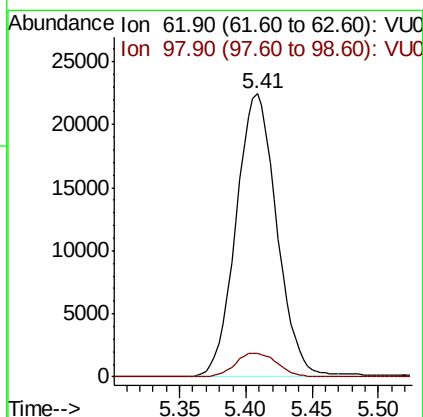
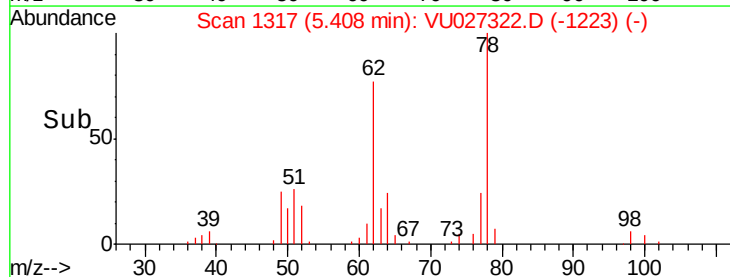
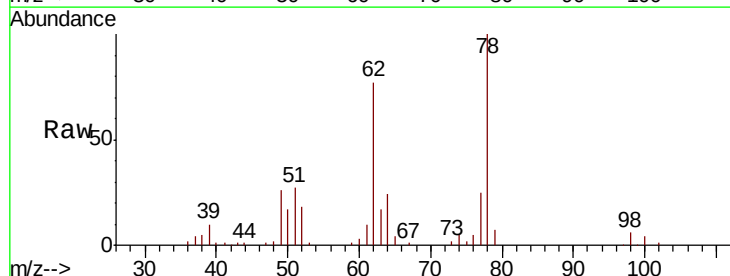
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

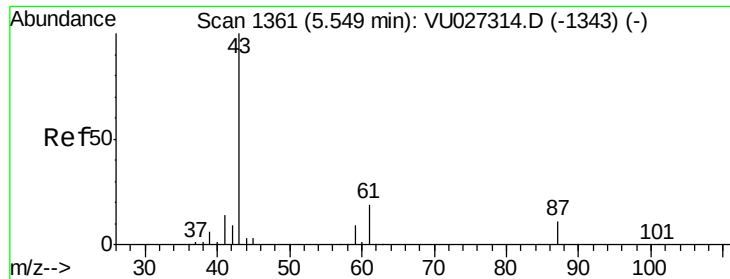
Tot Ion:	41	Resp:	31676
Ion	Ratio	Lower	Upper
41	100		
39	56.1	41.1	61.7
67	64.3	50.4	75.6
52	28.6	20.3	30.5



#42
1,2-Dichloroethane
Concen: 20.630 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:	62	Resp:	47969
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8



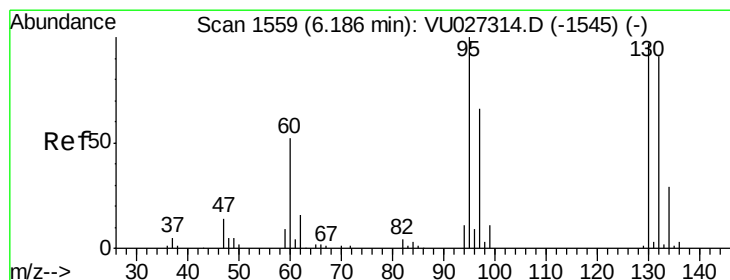
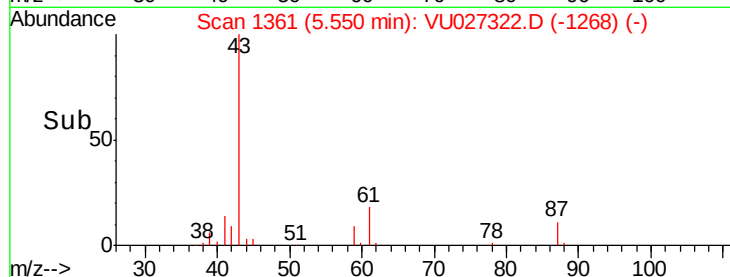
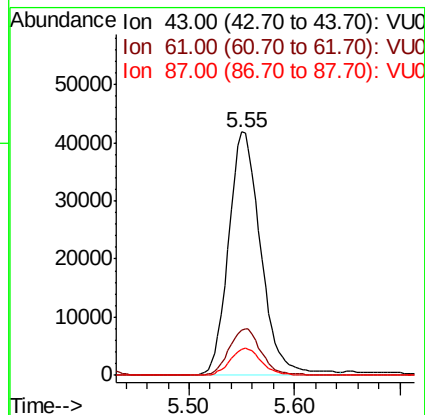
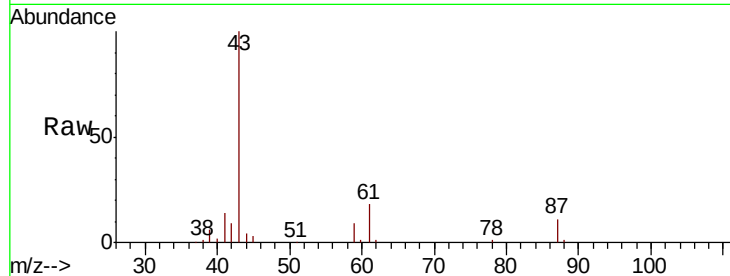


#43

Isopropyl Acetate
 Concen: 20.399 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

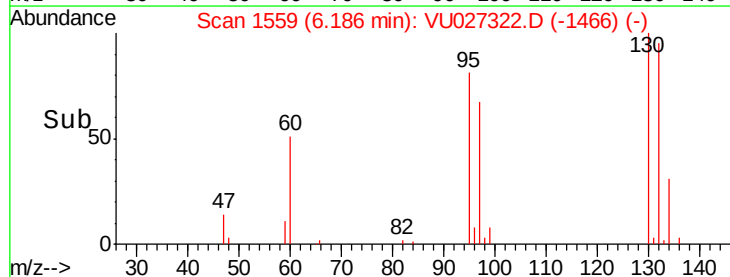
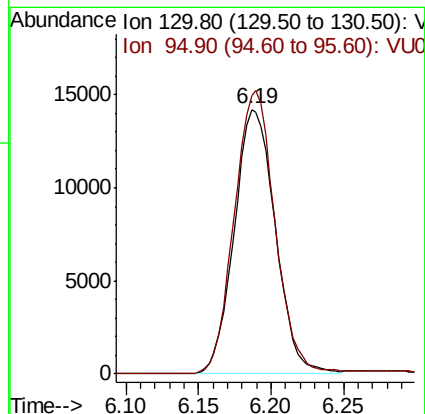
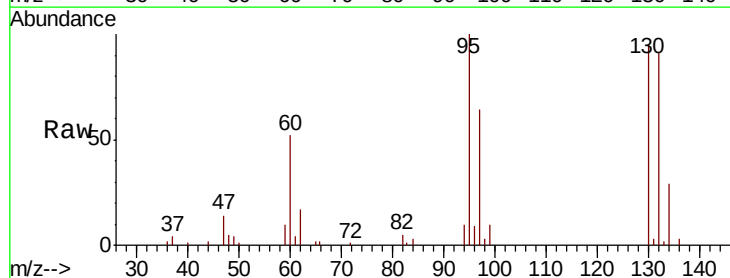
Tot Ion: 43 Resp: 88053
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.3 22.9
 87 10.8 8.6 13.0

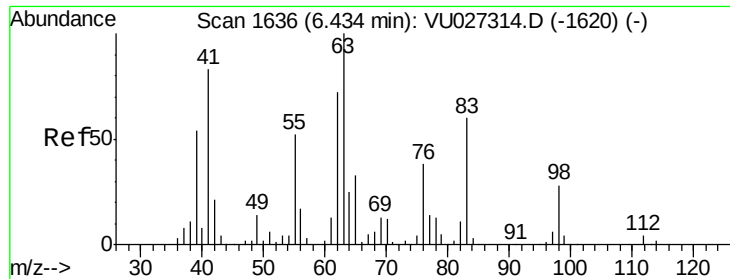


#44

Trichloroethene
 Concen: 20.079 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 130 Resp: 28046
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 207.0

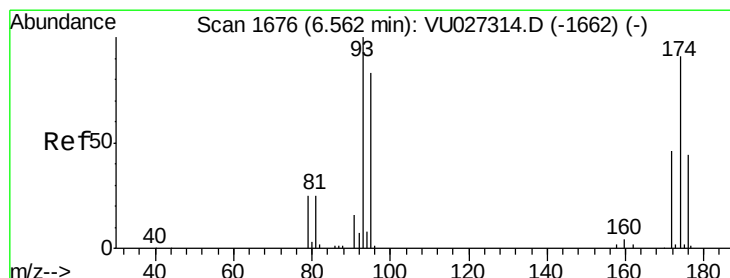
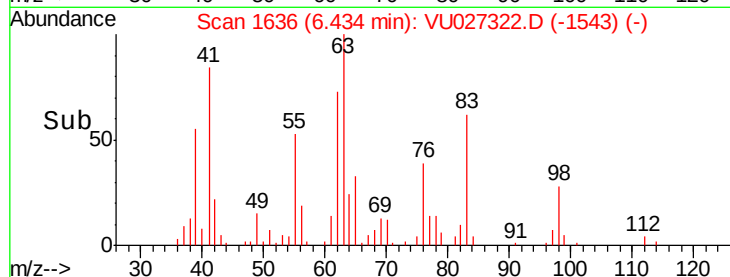
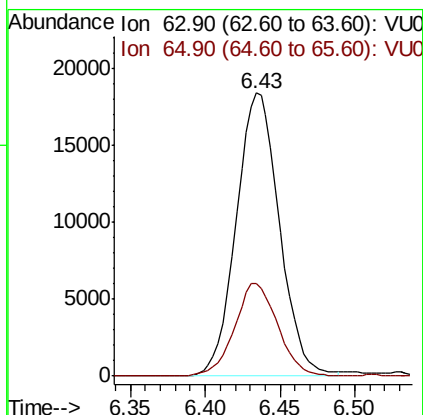
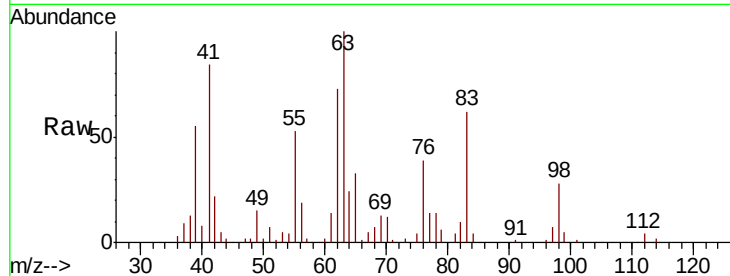




#45
 1,2-Dichloropropane
 Concen: 20.490 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

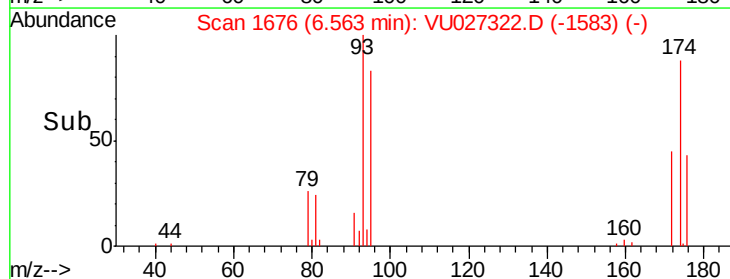
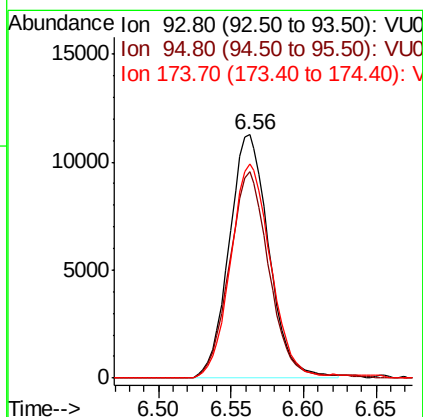
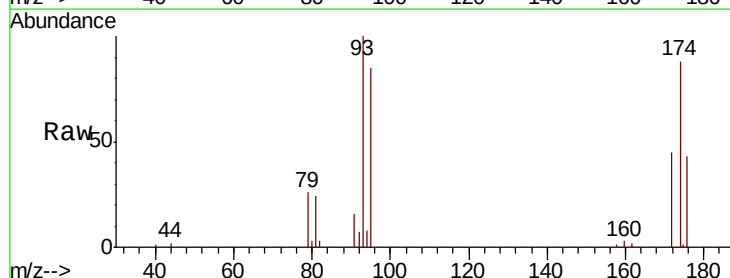
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

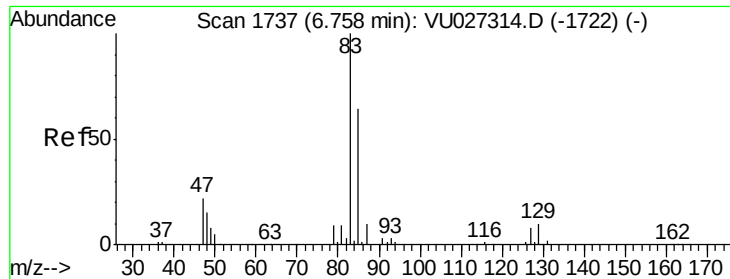
Tot Ion: 63 Resp: 37021
 Ion Ratio Lower Upper
 63 100
 65 33.0 26.0 39.0



#46
 Dibromomethane
 Concen: 21.080 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 93 Resp: 21511
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.5 99.7
 174 88.2 72.5 108.7

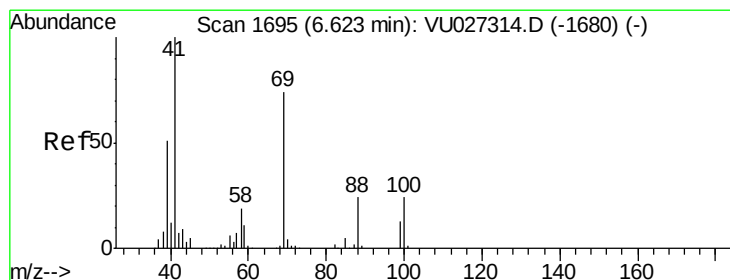
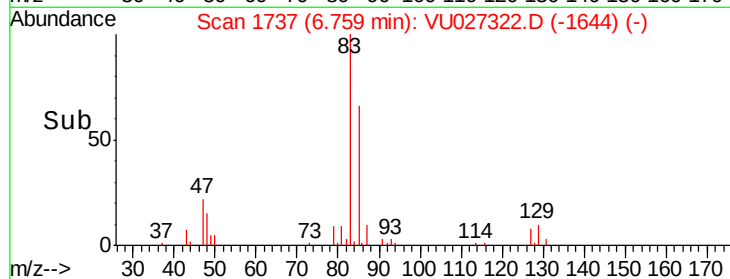
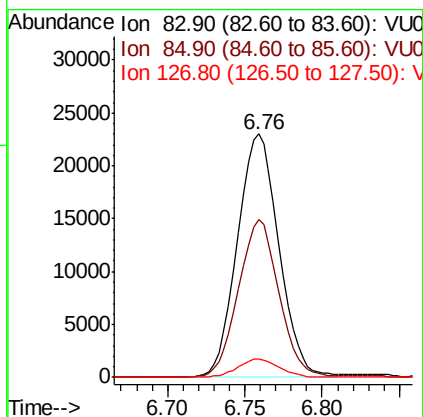
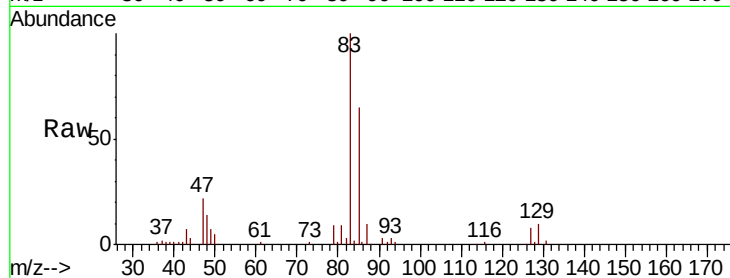




#47
Bromodichloromethane
Concen: 20.273 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

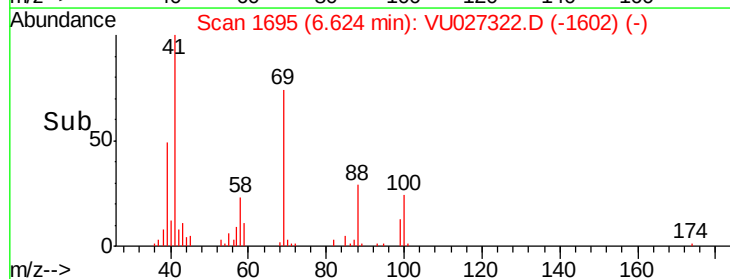
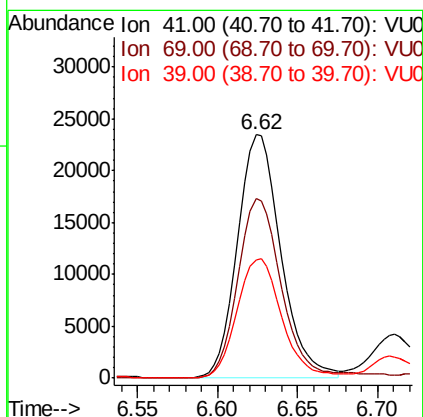
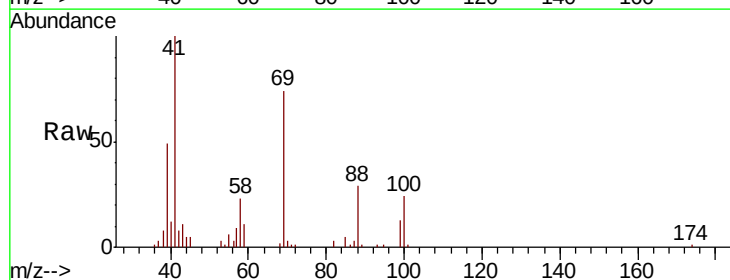
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

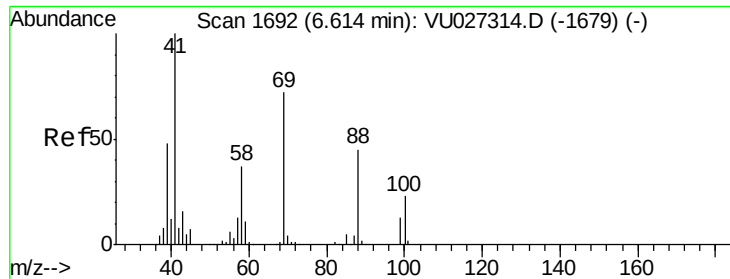
Tot Ion: 83 Resp: 42926
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 20.342 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 41 Resp: 43664
Ion Ratio Lower Upper
41 100
69 74.5 61.0 91.4
39 50.5 39.9 59.9

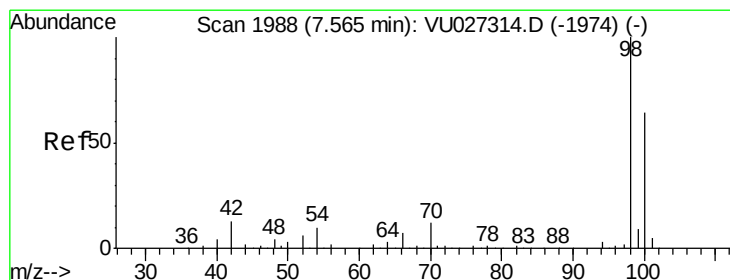
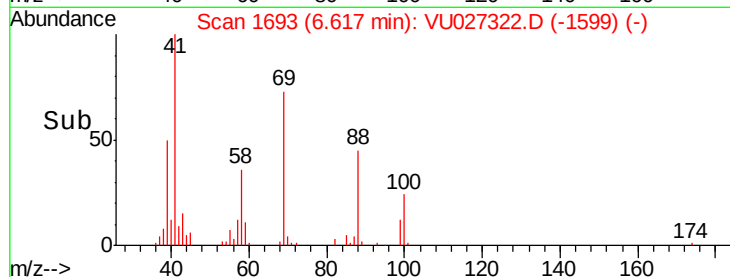
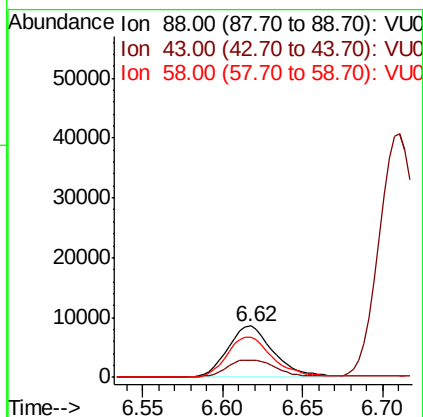
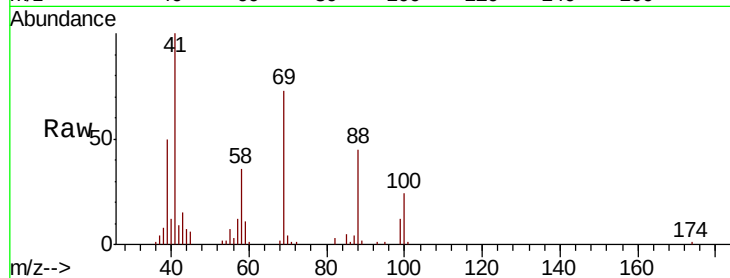




#49
1,4-Dioxane
Concen: 455.447 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

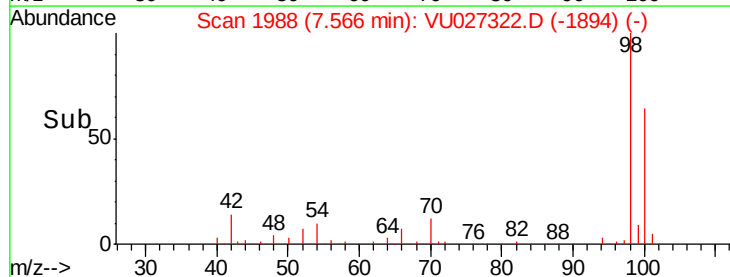
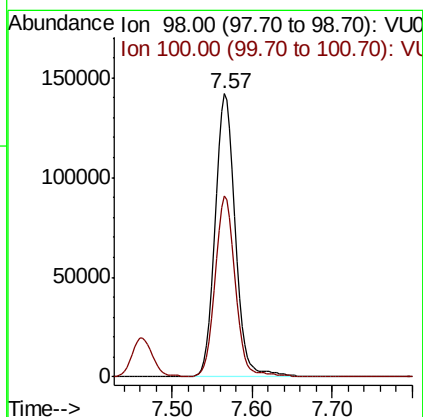
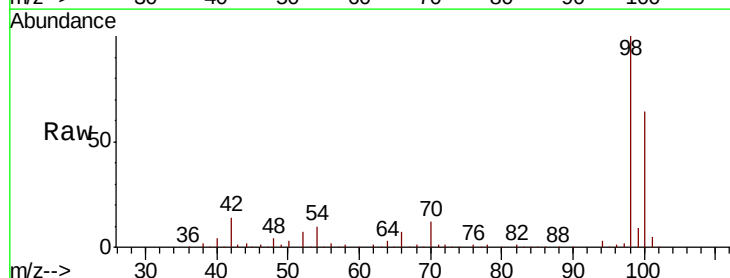
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

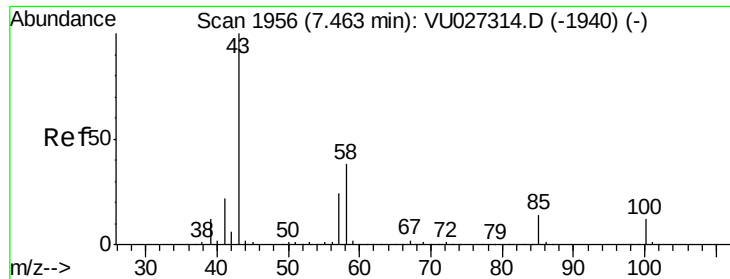
Tot Ion: 88 Resp: 16821
Ion Ratio Lower Upper
88 100
43 37.8 30.8 46.2
58 80.9 67.0 100.6



#50
Toluene-d8
Concen: 49.296 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 98 Resp: 250432
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 104.398 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

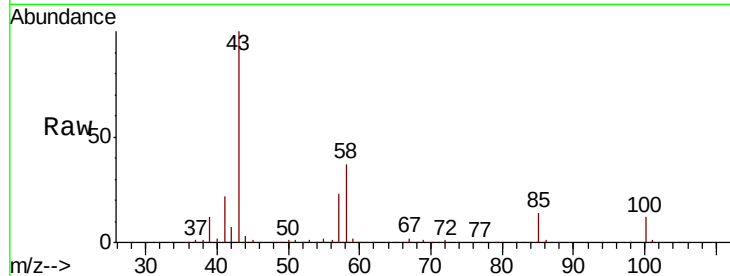
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion: 43 Resp: 292828

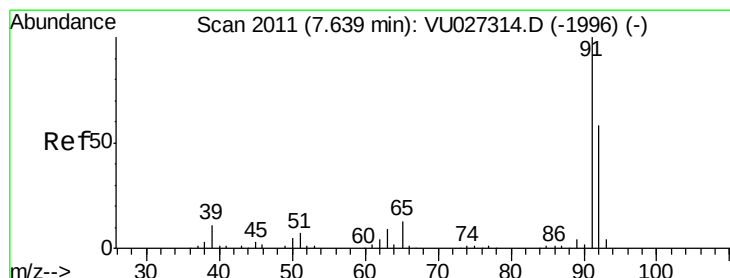
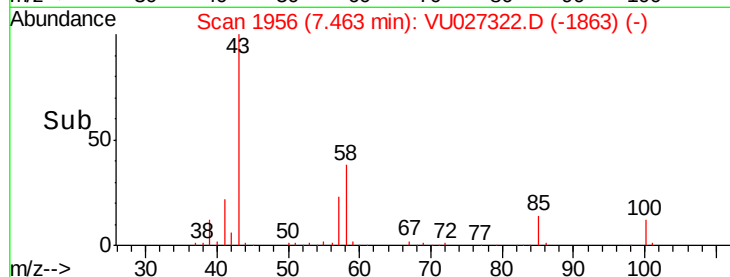
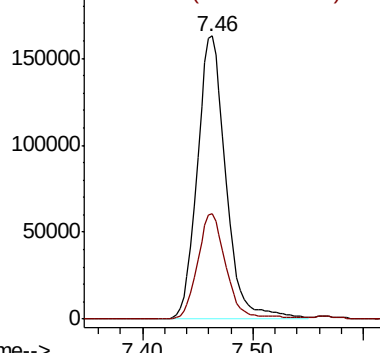
Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.8



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



#52

Toluene

Concen: 20.547 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027322.D

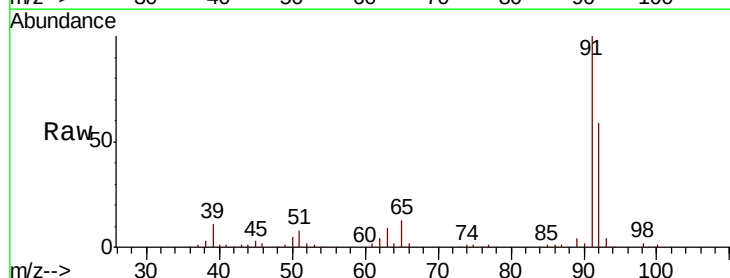
Acq: 01 Oct 2018 16:47

Tgt Ion: 92 Resp: 76183

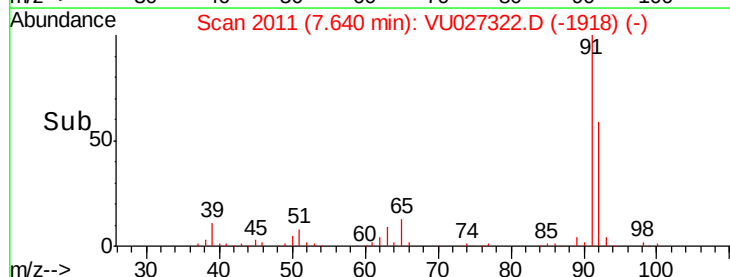
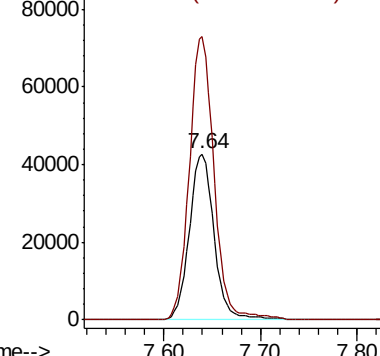
Ion Ratio Lower Upper

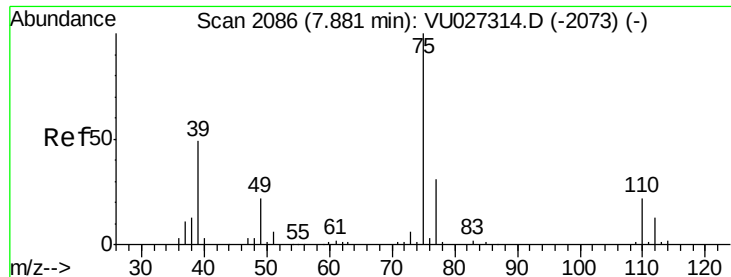
92 100

91 170.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0

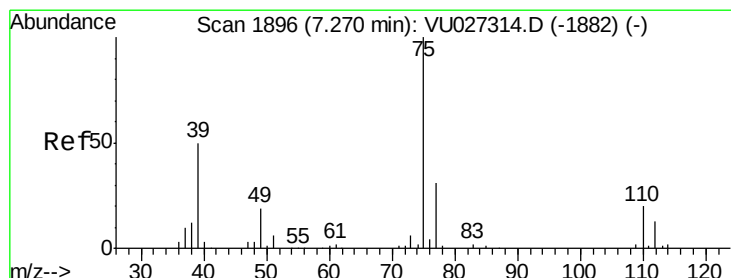
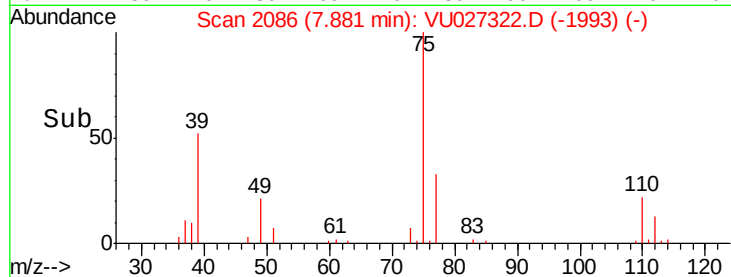
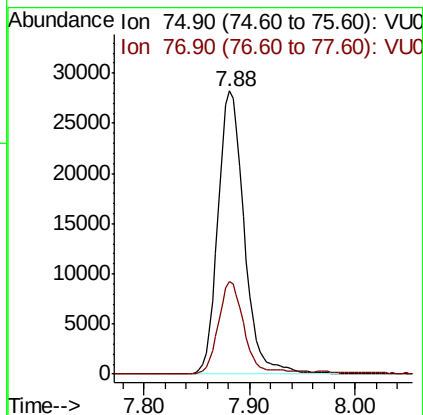
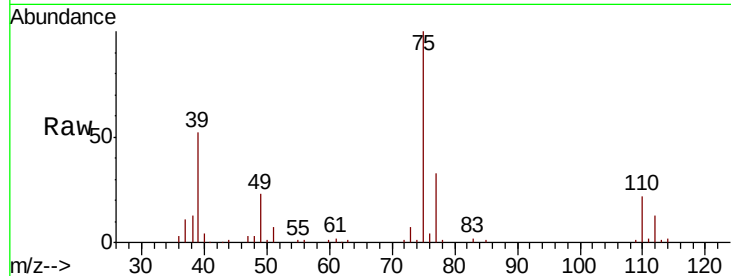




#53
t-1,3-Dichloropropene
Concen: 19.649 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

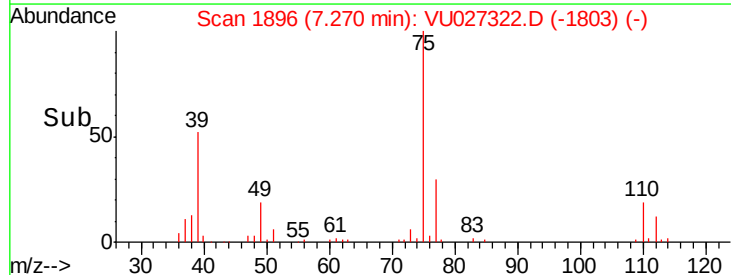
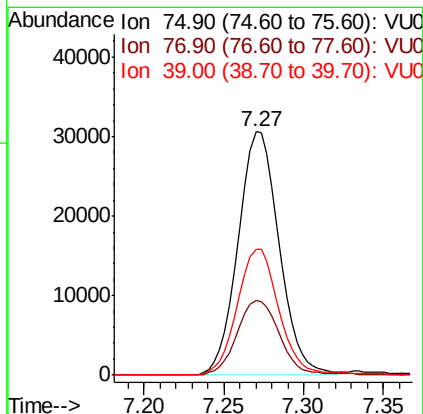
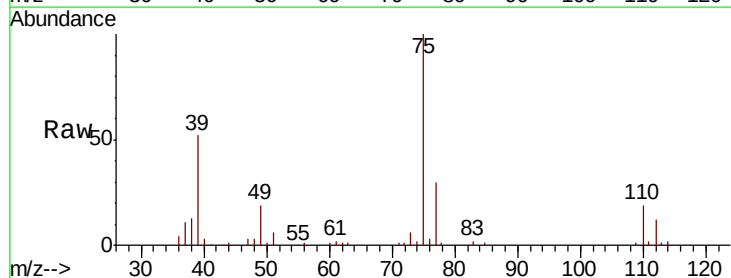
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

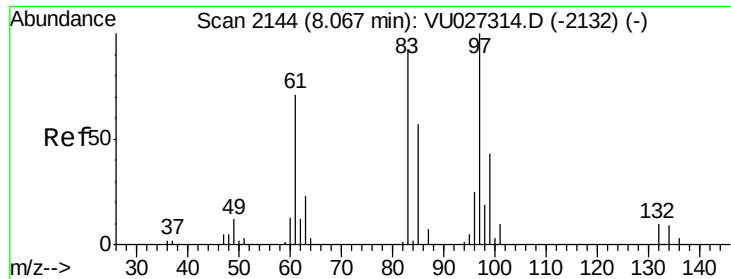
Tot Ion: 75 Resp: 48781
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.094 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 75 Resp: 53627
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7
39 51.9 40.1 60.1

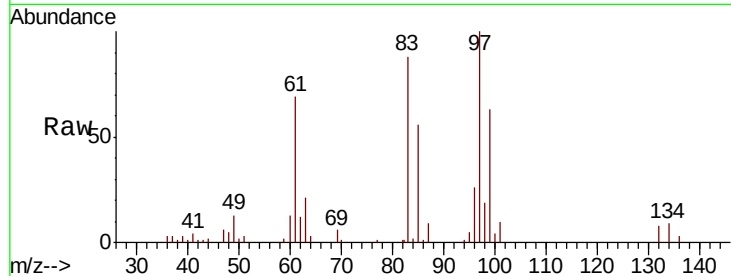




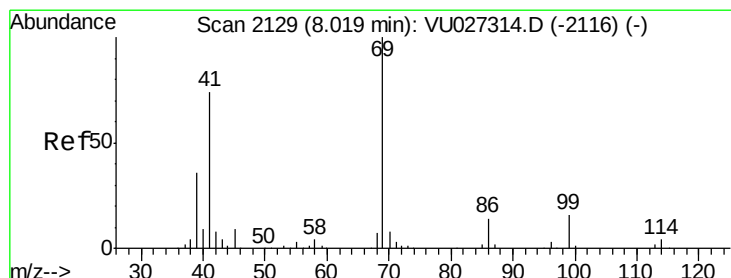
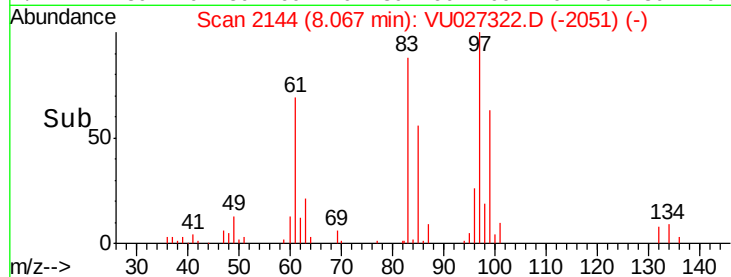
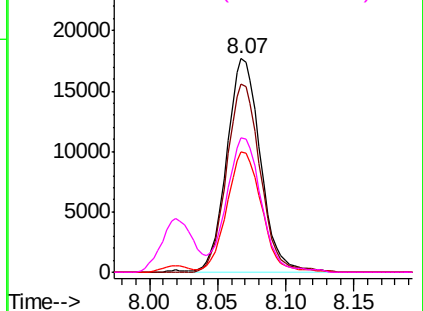
#55
 1,1,2-Trichloroethane
 Concen: 20.672 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion: 97 Resp: 30389
 Ion Ratio Lower Upper
 97 100
 83 87.8 73.0 109.6
 85 56.2 47.3 70.9
 99 62.6 49.7 74.5

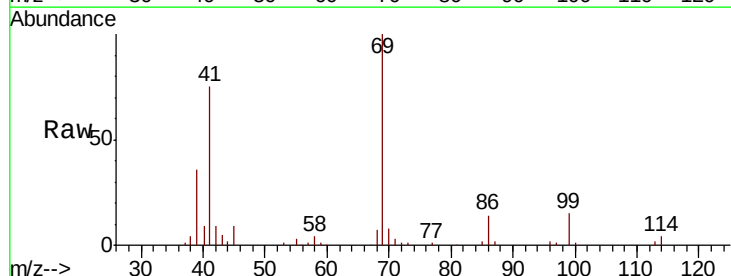


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

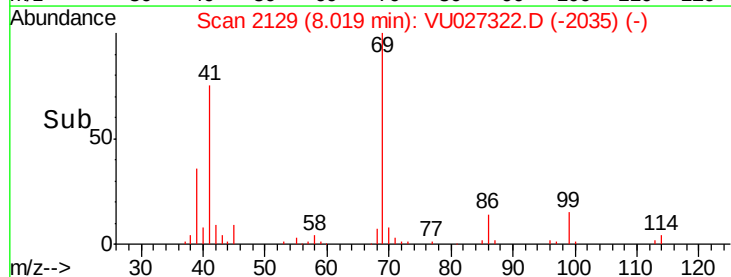
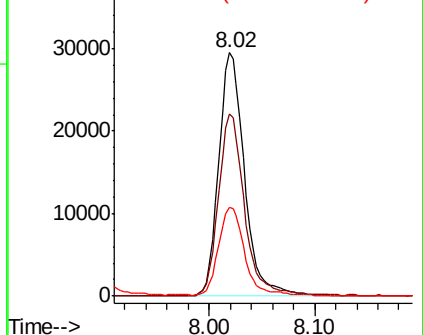


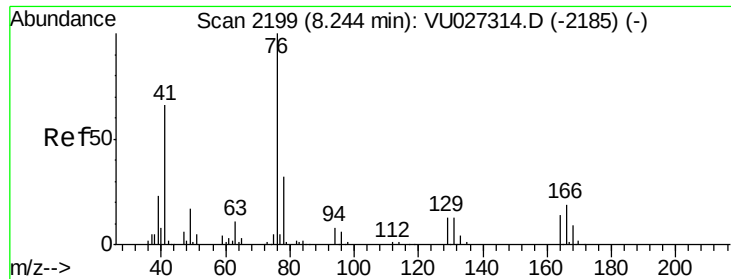
#56
 Ethyl methacrylate
 Concen: 19.243 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 69 Resp: 50051
 Ion Ratio Lower Upper
 69 100
 41 76.1 60.0 90.0
 39 37.4 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

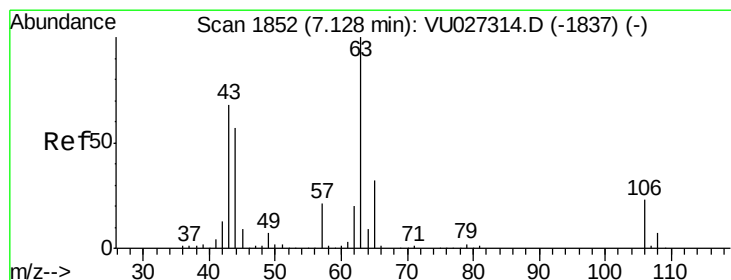
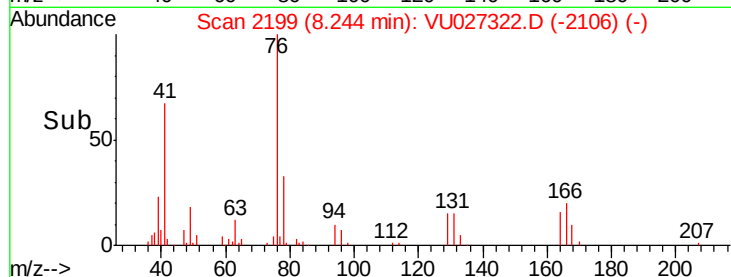
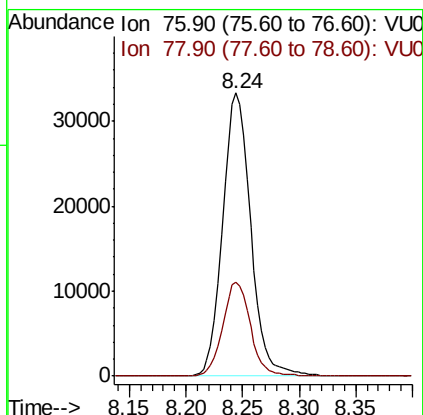
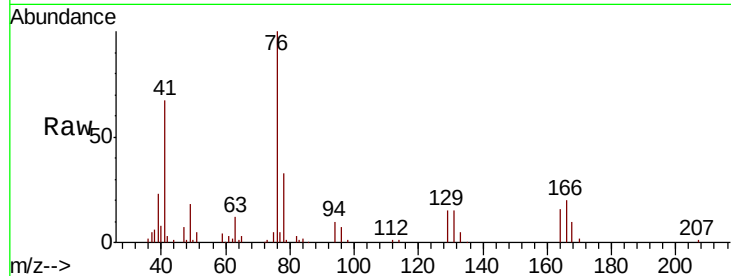




#57
 1,3-Dichloropropane
 Concen: 20.197 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

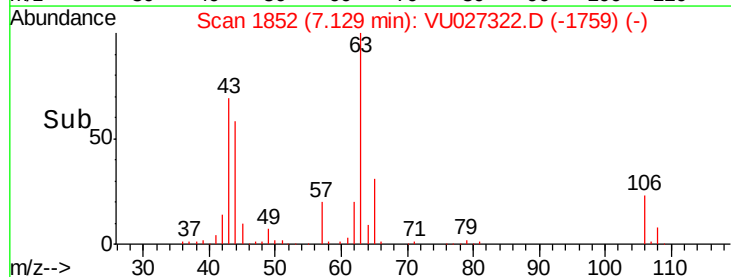
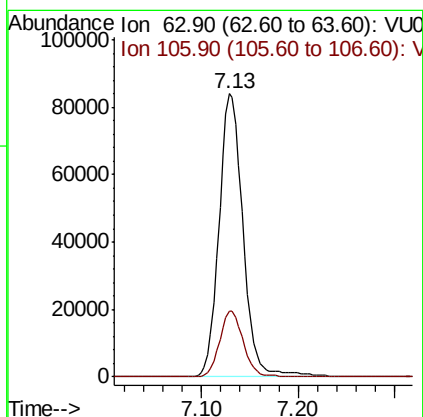
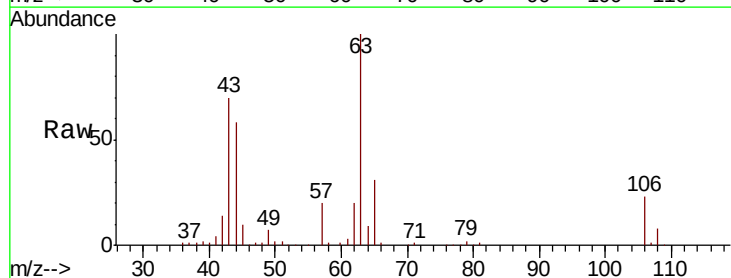
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

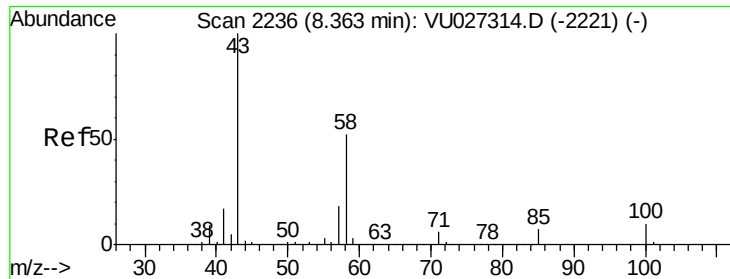
Tot Ion: 76 Resp: 57638
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.883 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 63 Resp: 144915
 Ion Ratio Lower Upper
 63 100
 106 23.2 18.5 27.7





#59

2-Hexanone

Concen: 104.348 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

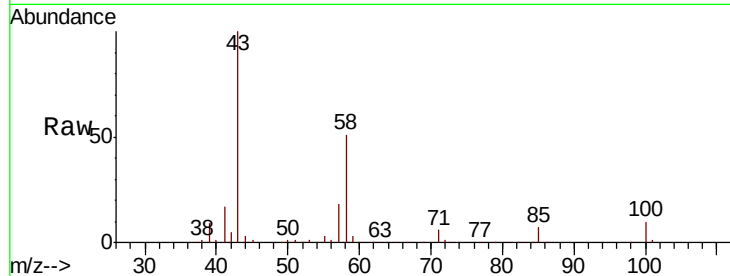
VU1001WBS01

Tot Ion: 43 Resp: 227044

Ion Ratio Lower Upper

43 100

58 51.0 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-2221) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-2221) (-)

8.36

150000

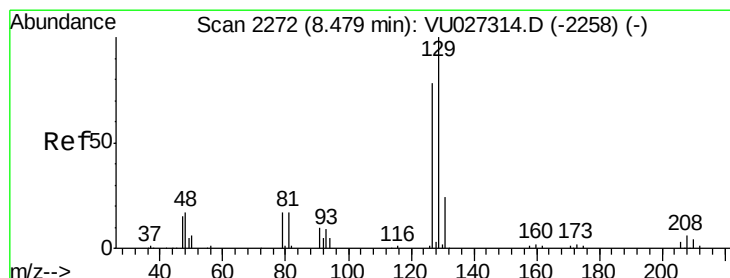
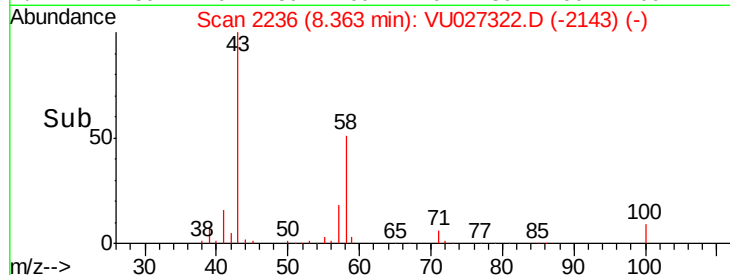
100000

50000

0

8.30 8.40 8.50

Time-->



#60

Dibromochloromethane

Concen: 20.017 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VU027322.D

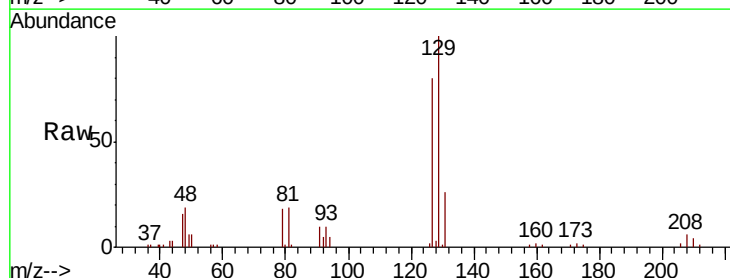
Acq: 01 Oct 2018 16:47

Tgt Ion: 129 Resp: 29512

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VU027314.D (-2258) (-)

Ion 126.80 (126.50 to 127.50): VU027314.D (-2258) (-)

8.48

20000

15000

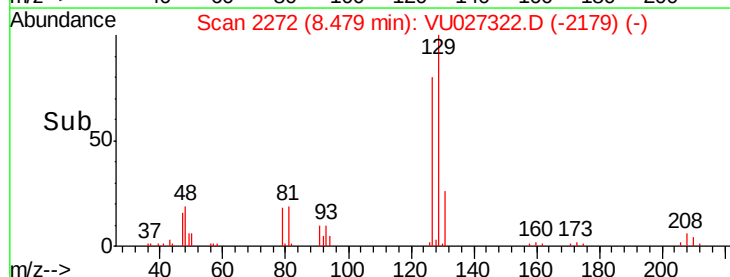
10000

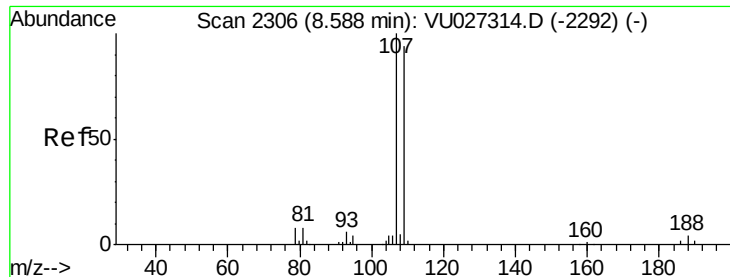
5000

0

8.40 8.45 8.50 8.55

Time-->

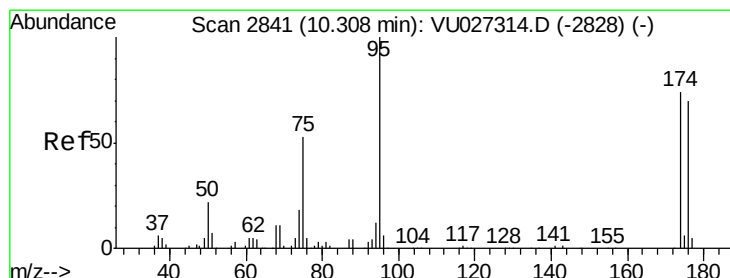
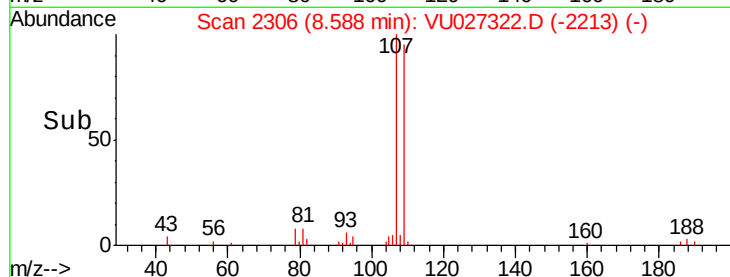
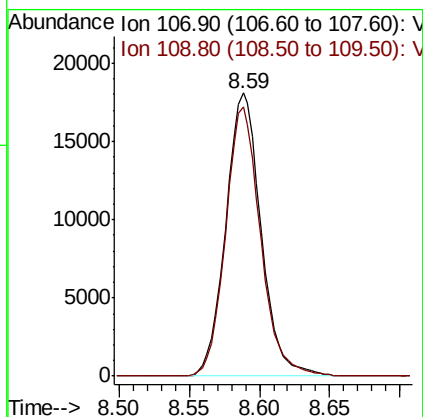
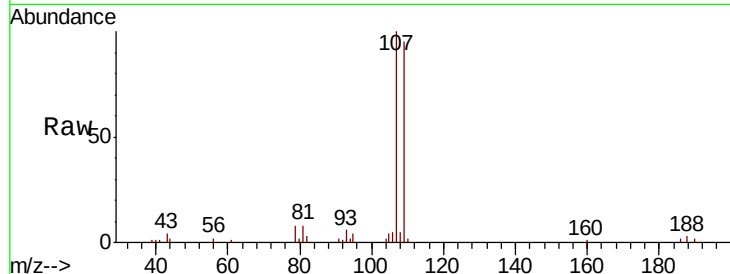




#61
 1,2-Dibromoethane
 Concen: 20.245 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

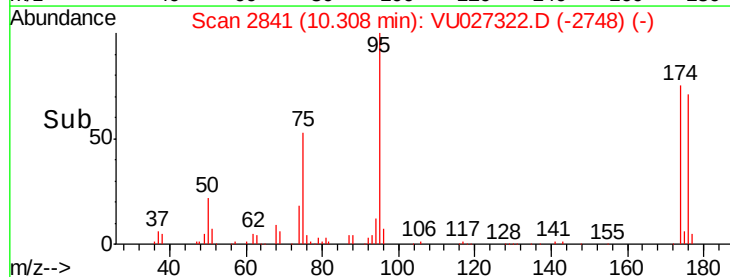
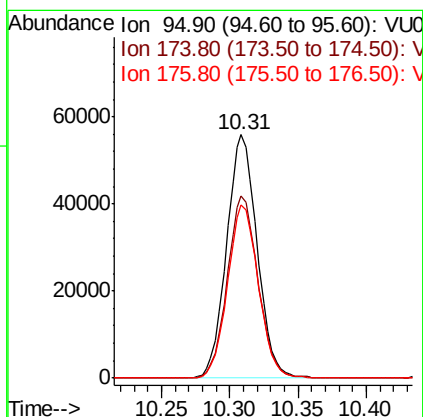
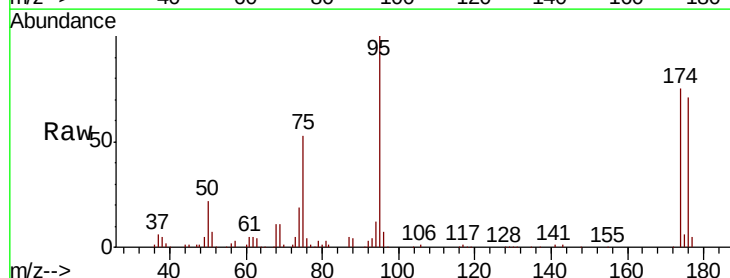
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

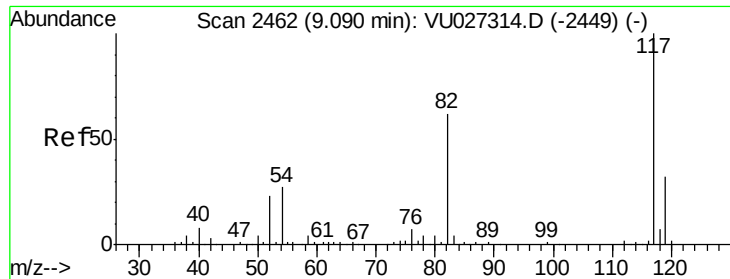
Tot Ion:107 Resp: 31642
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 45.980 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 95 Resp: 86809
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 147.8
 176 71.8 0.0 140.8

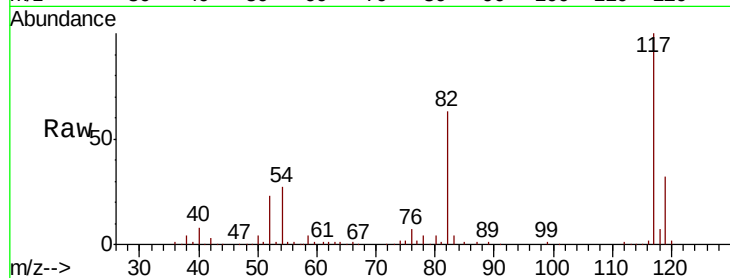




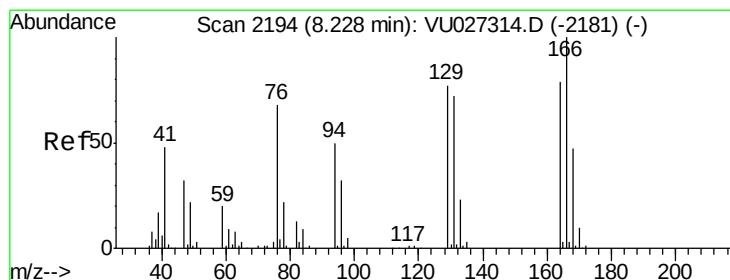
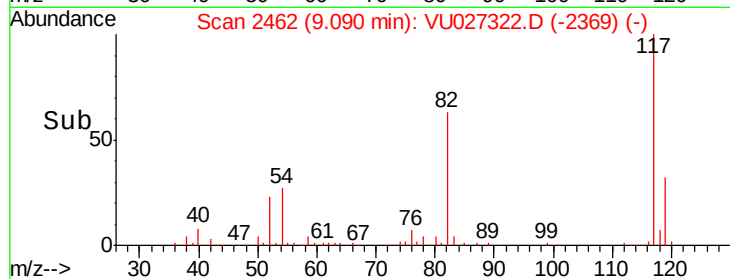
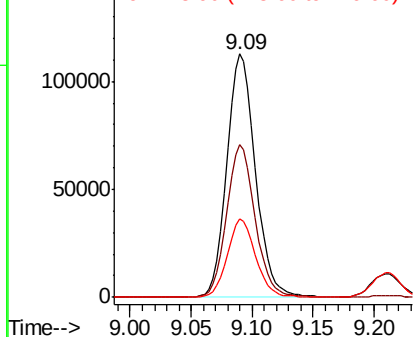
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion:117 Resp: 185860
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.2 25.7 38.5



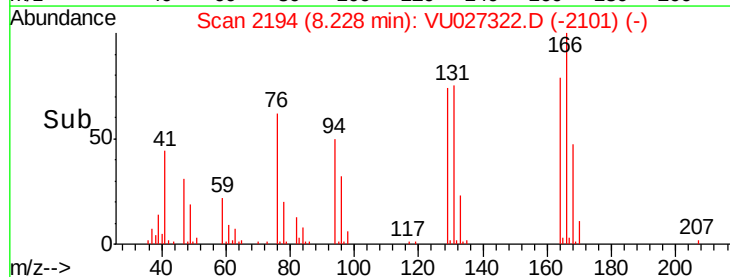
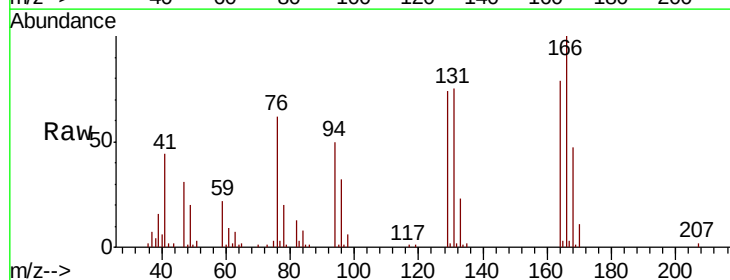
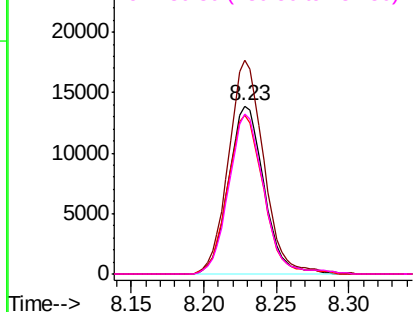
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

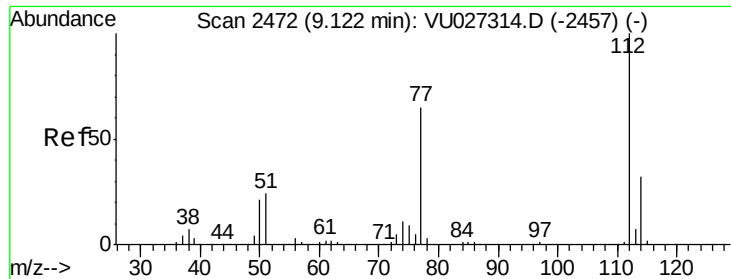


#64
Tetrachloroethene
Concen: 20.371 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:164 Resp: 23569
Ion Ratio Lower Upper
164 100
166 127.1 101.0 151.6
129 94.1 78.0 117.0
131 95.3 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

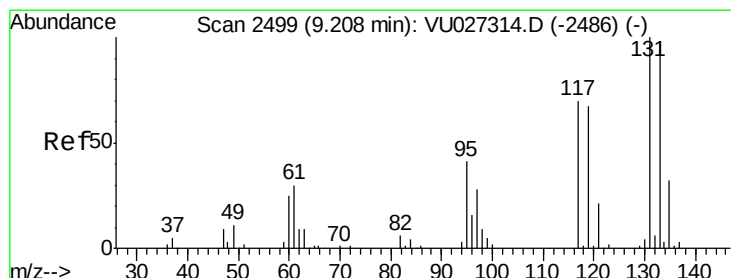
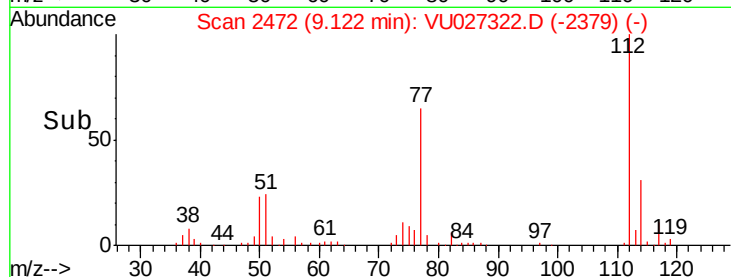
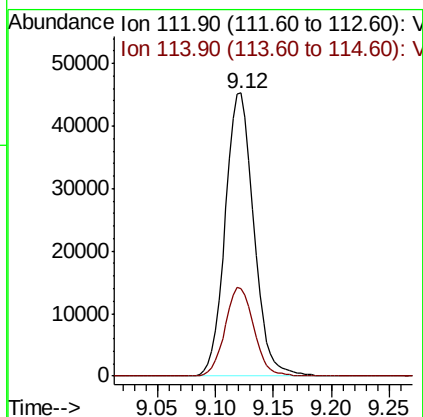
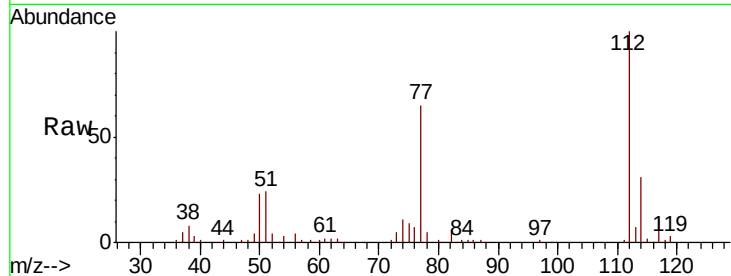




#65
Chlorobenzene
Concen: 19.801 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

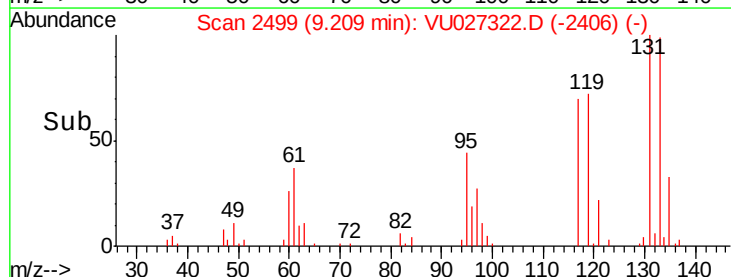
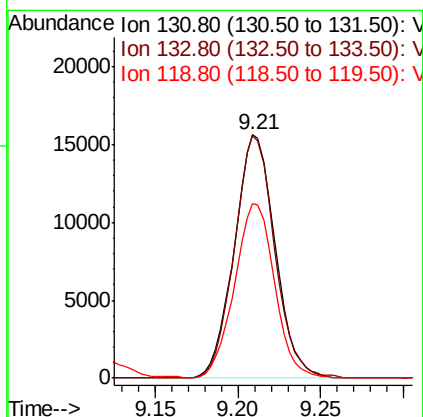
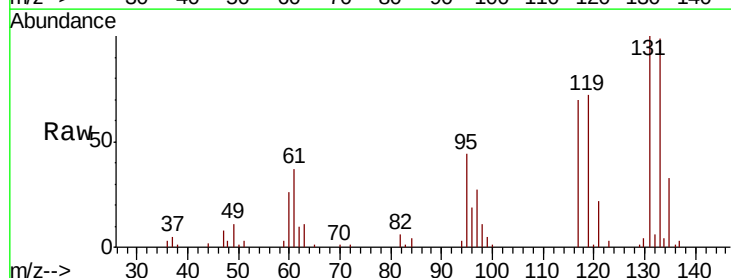
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

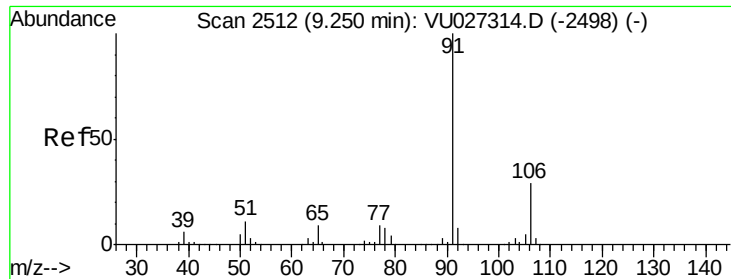
Tot Ion:112 Resp: 77464
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:131 Resp: 26811
Ion Ratio Lower Upper
131 100
133 98.0 48.5 145.6
119 70.3 33.5 100.4

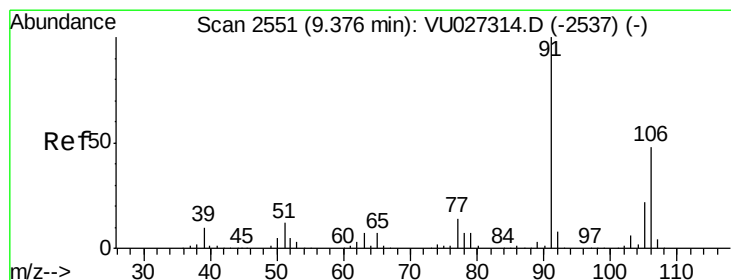
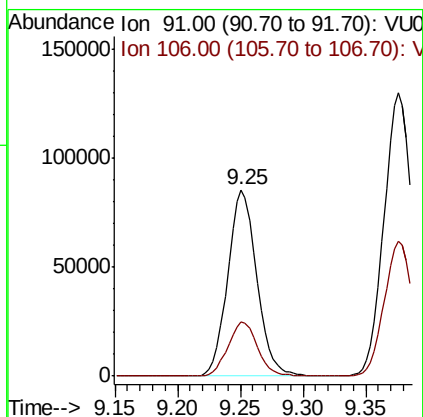
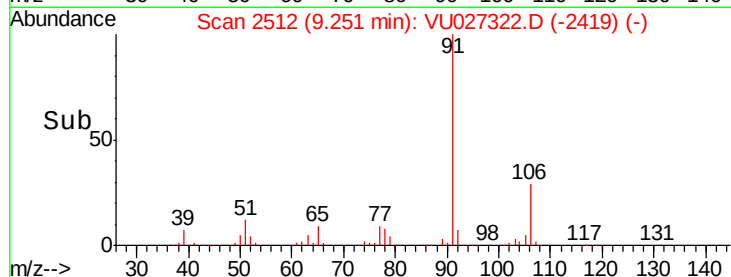
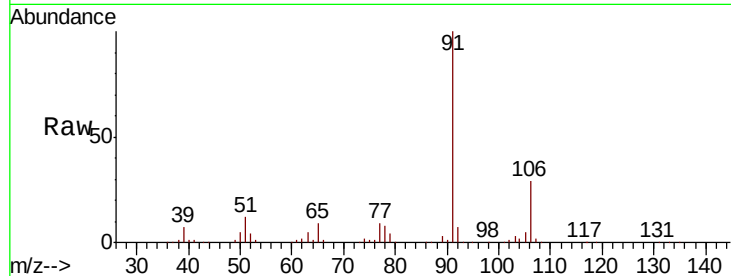




#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

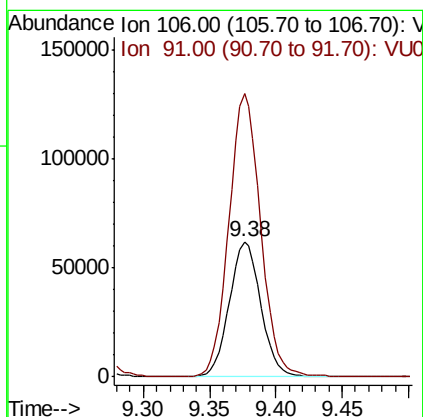
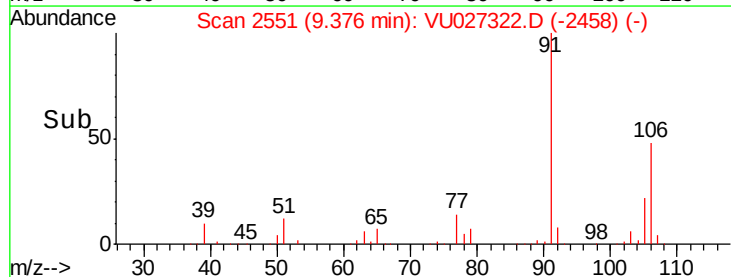
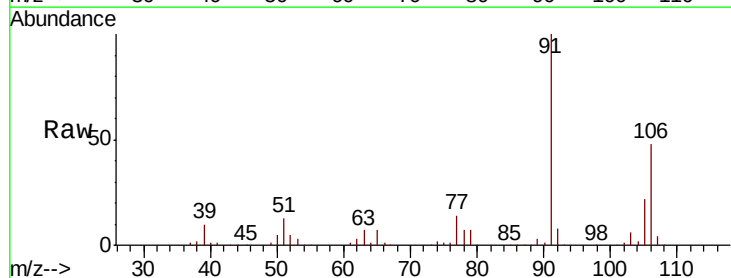
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

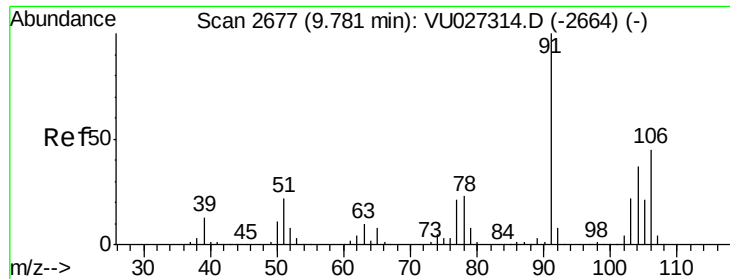
Tot Ion: 91 Resp: 137404
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4



#68
m/p-Xylenes
Concen: 40.532 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion: 106 Resp: 102763
Ion Ratio Lower Upper
106 100
91 209.5 168.1 252.1

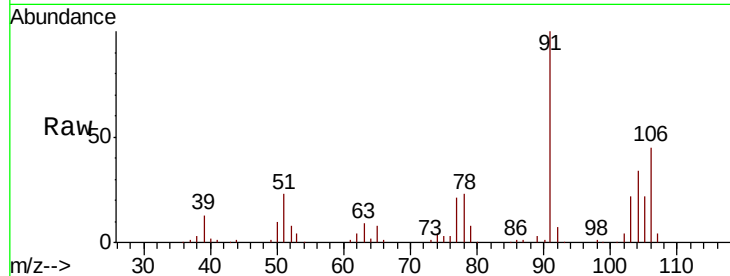




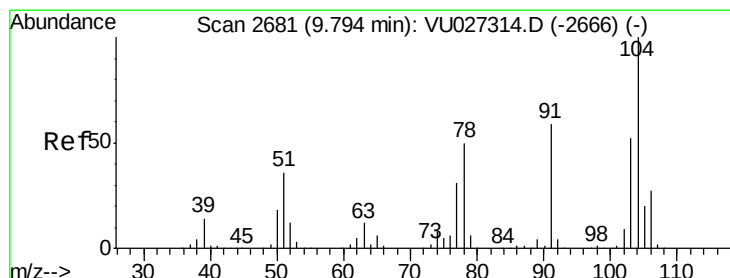
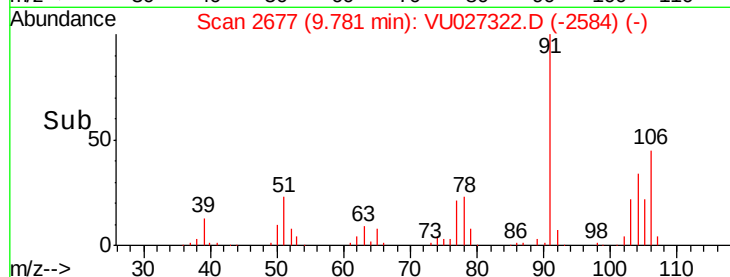
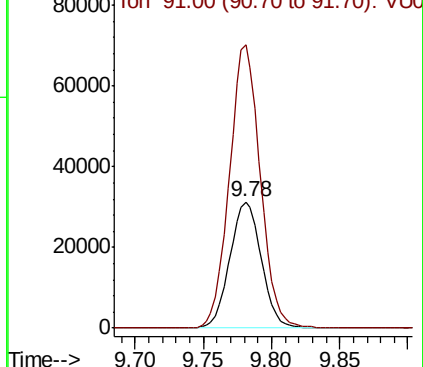
#69
o-Xylene
Concen: 20.843 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion:106 Resp: 50219
Ion Ratio Lower Upper
106 100
91 219.8 111.7 334.9

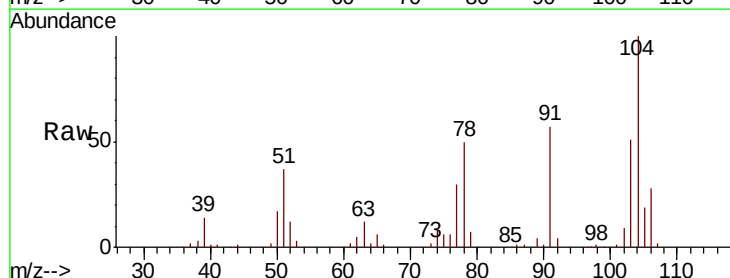


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

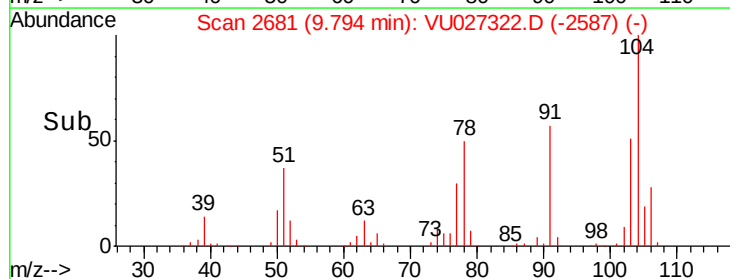
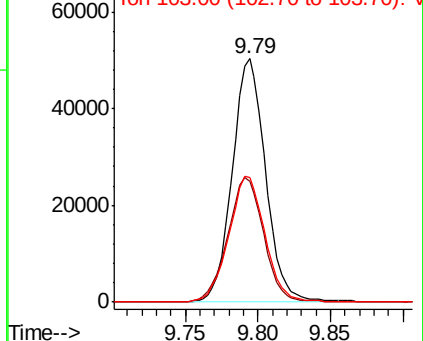


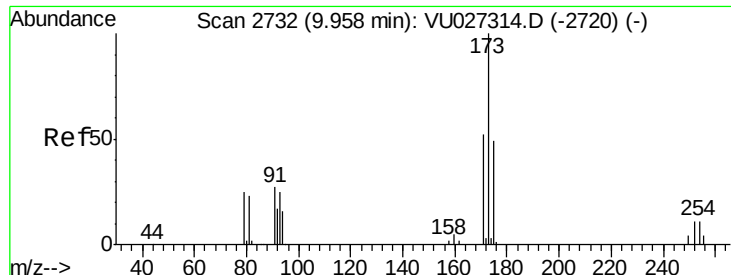
#70
Styrene
Concen: 19.277 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:104 Resp: 80149
Ion Ratio Lower Upper
104 100
78 55.3 42.9 64.3
103 56.0 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.529 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

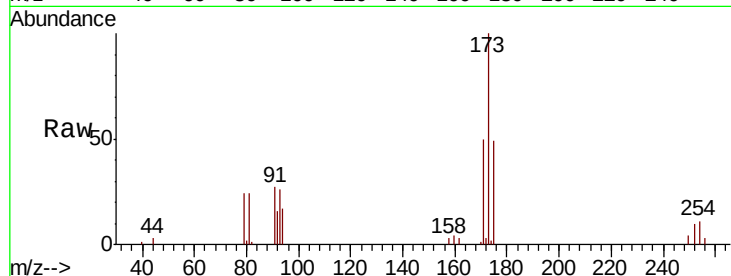
Tot Ion:173 Resp: 21220

Ion Ratio Lower Upper

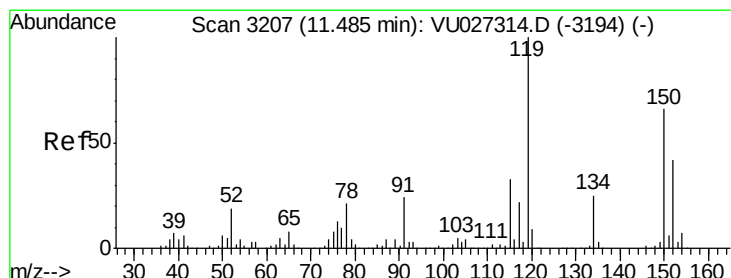
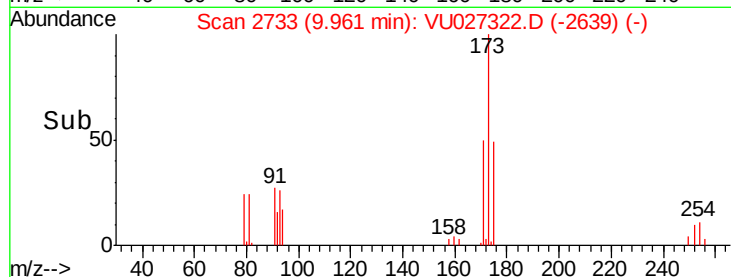
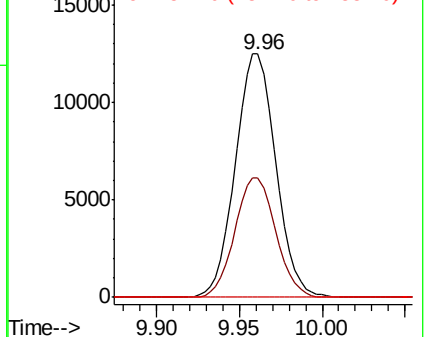
173 100

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: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

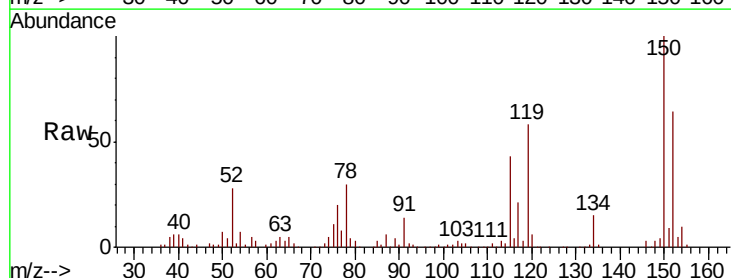
Tgt Ion:152 Resp: 89341

Ion Ratio Lower Upper

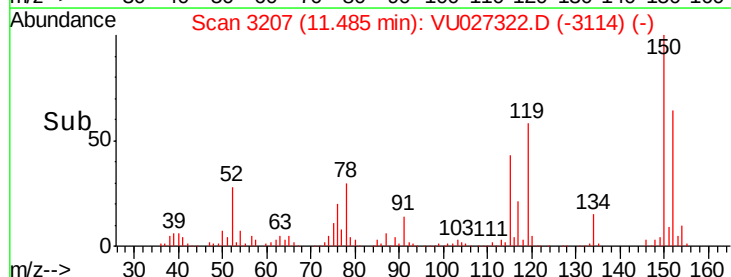
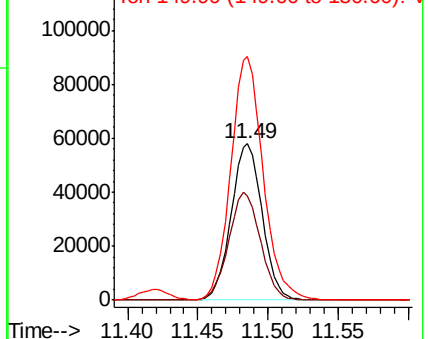
152 100

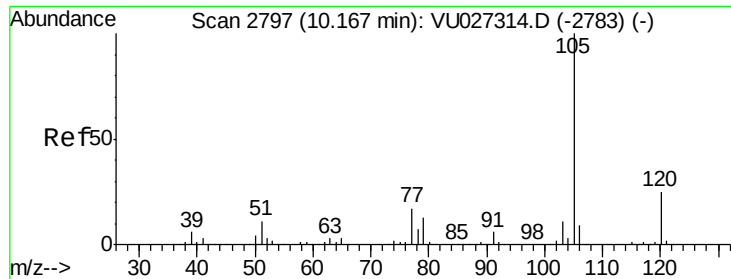
115 70.8 43.4 130.2

150 162.7 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: 20.540 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

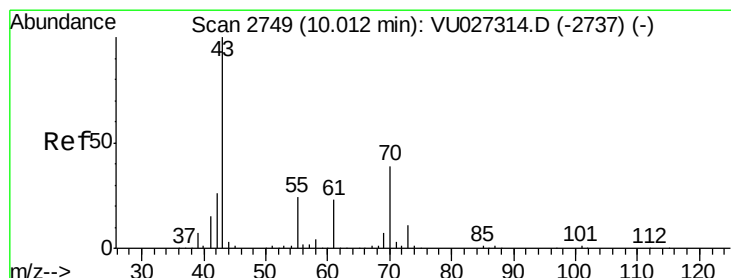
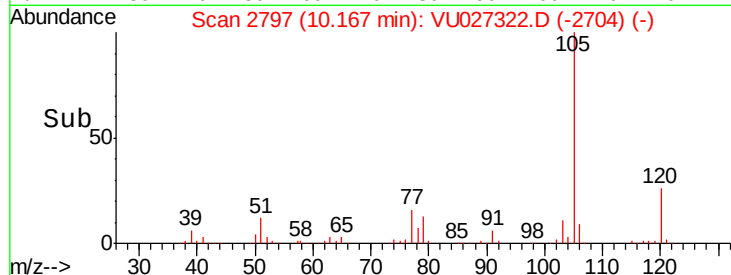
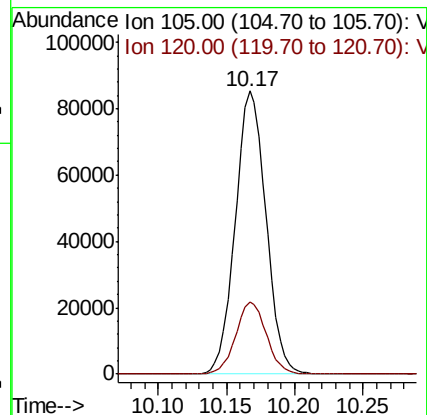
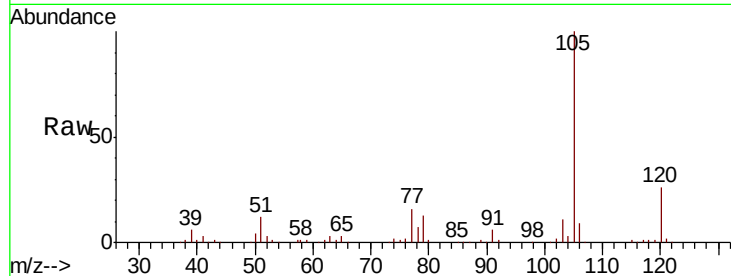
VU1001WBS01

Tot Ion:105 Resp: 133281

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 20.321 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Tgt Ion: 43 Resp: 75486

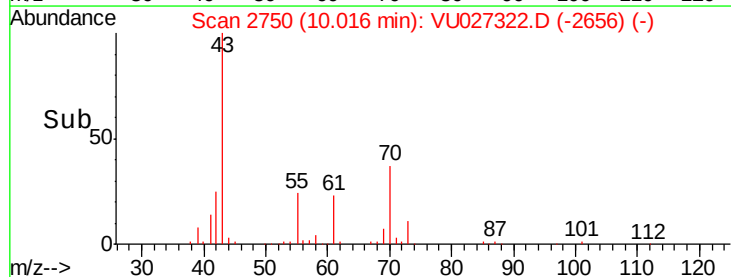
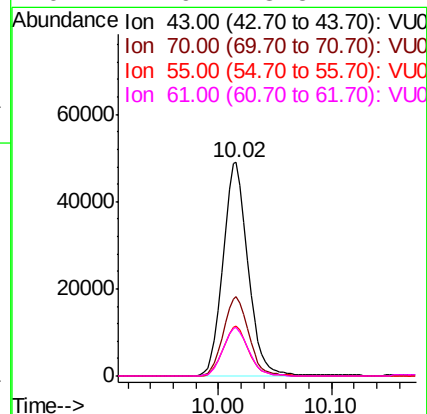
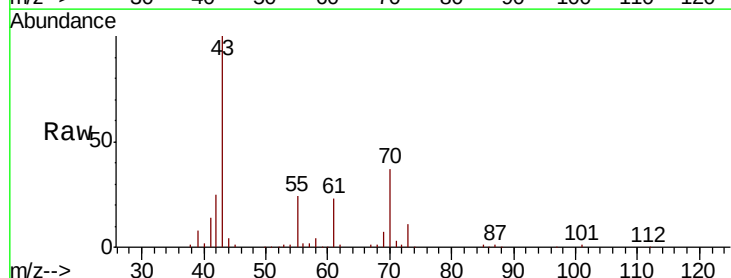
Ion Ratio Lower Upper

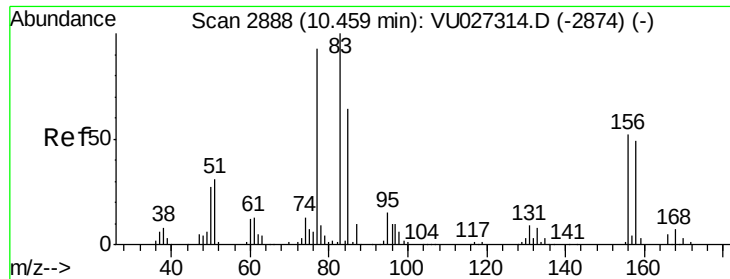
43 100

70 37.5 31.3 46.9

55 23.6 19.0 28.6

61 22.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.934 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

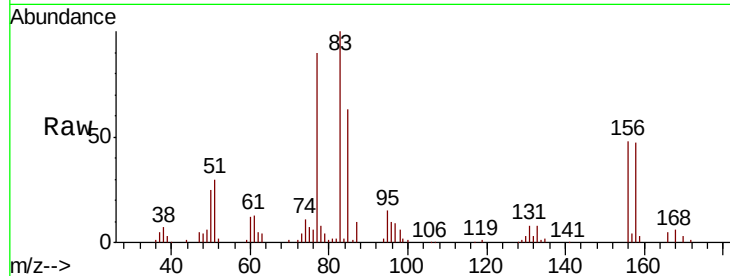
Tot Ion: 83 Resp: 53336

Ion Ratio Lower Upper

83 100

131 8.4 4.4 13.2

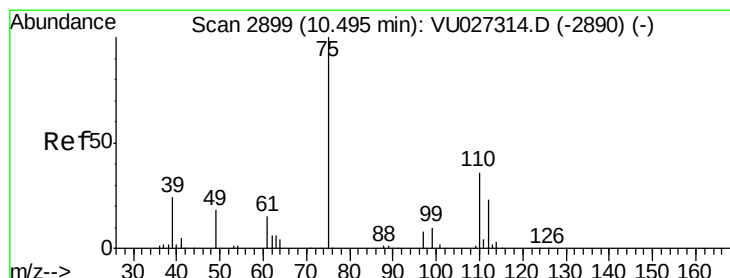
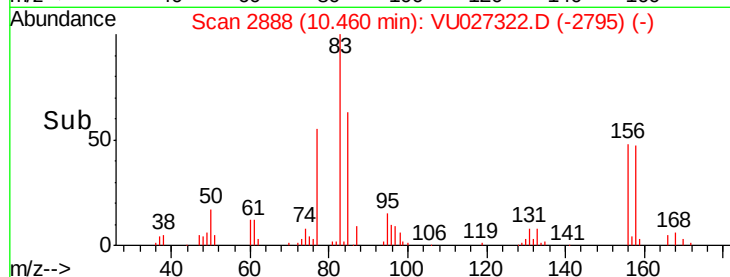
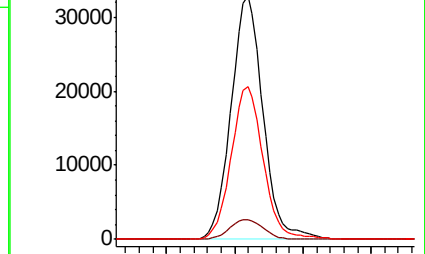
85 63.0 32.0 96.0



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) (-)



#76

1,2,3-Trichloropropane

Concen: 26.571 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027322.D

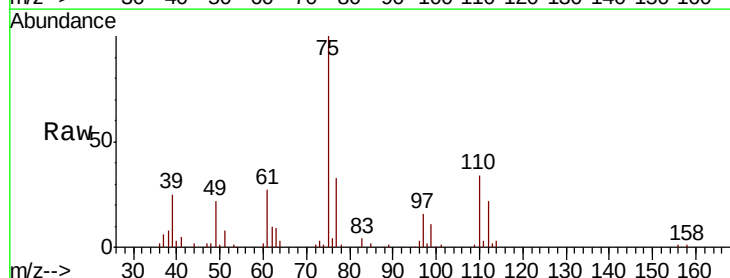
Acq: 01 Oct 2018 16:47

Tgt Ion: 75 Resp: 61537

Ion Ratio Lower Upper

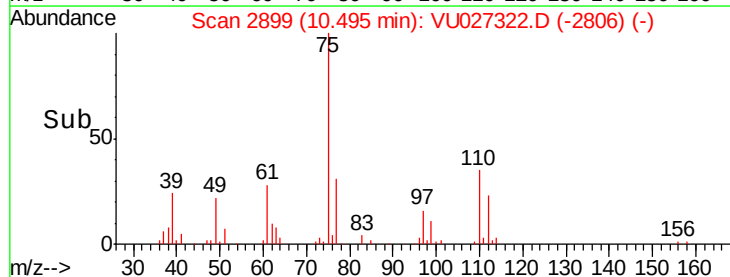
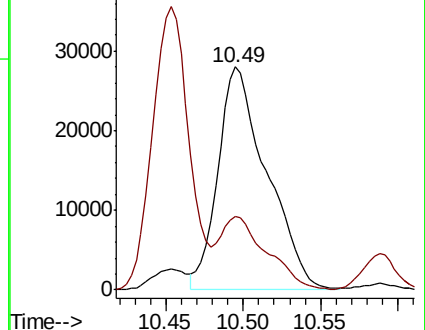
75 100

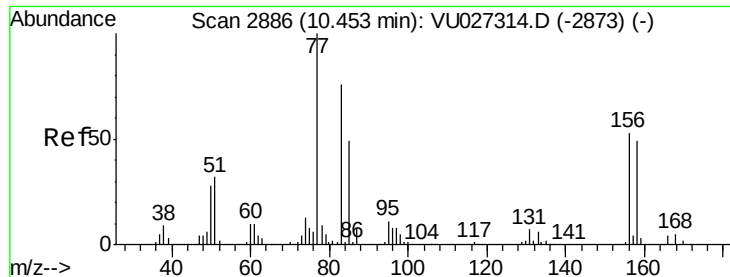
77 29.9 20.3 60.9



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

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





#77

Bromobenzene

Concen: 19.938 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

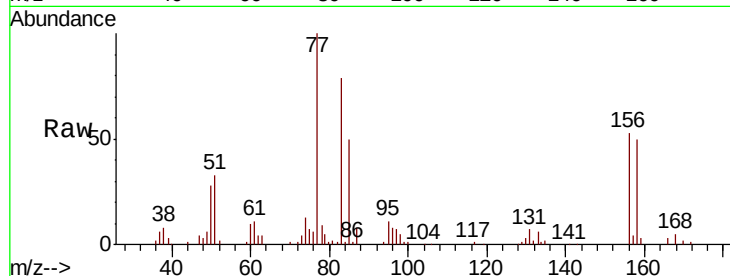
Tot Ion:156 Resp: 30066

Ion Ratio Lower Upper

156 100

77 194.6 94.8 284.4

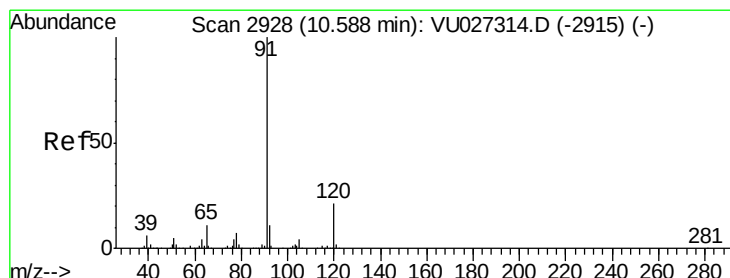
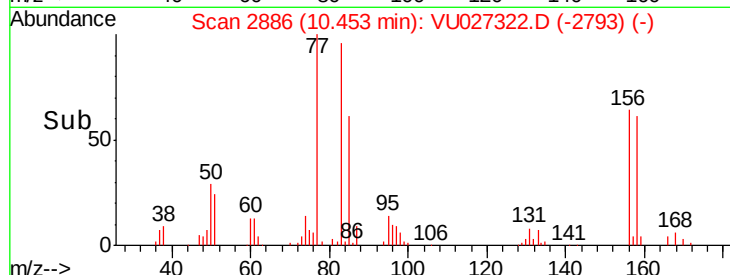
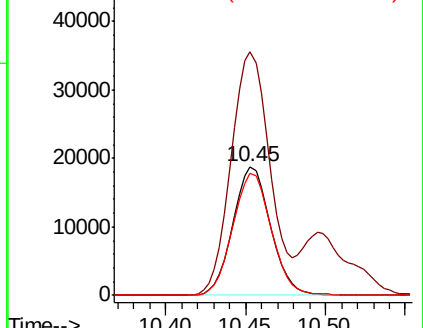
158 97.0 47.4 142.3



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: 20.367 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027322.D

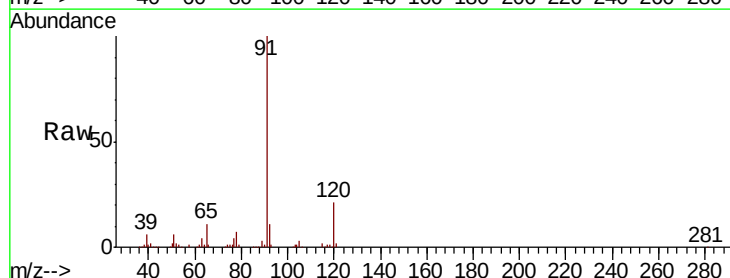
Acq: 01 Oct 2018 16:47

Tgt Ion: 91 Resp: 158800

Ion Ratio Lower Upper

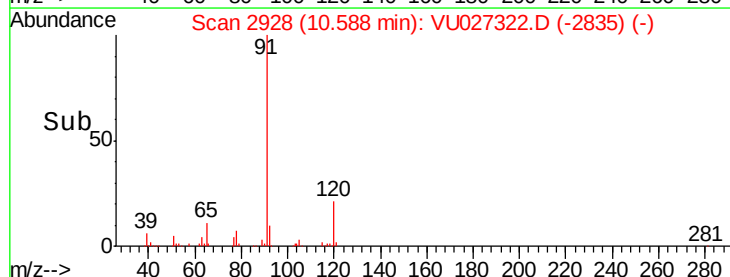
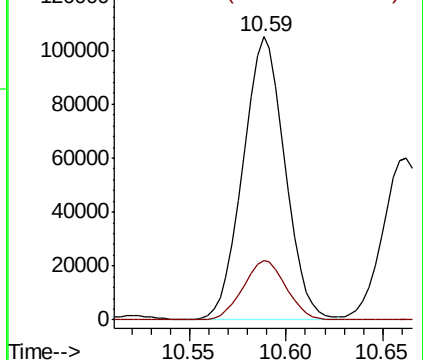
91 100

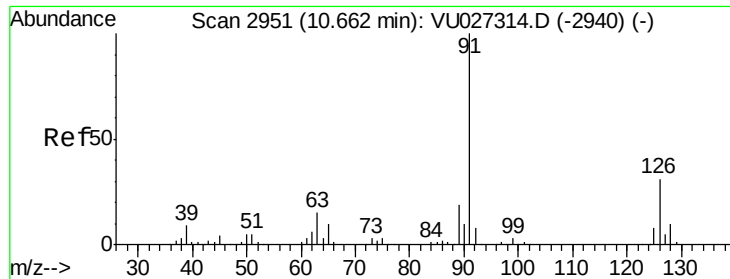
120 21.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.585 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

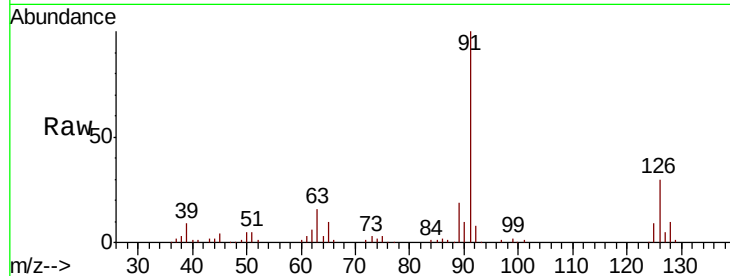
VU1001WBS01

Tot Ion: 91 Resp: 96907

Ion Ratio Lower Upper

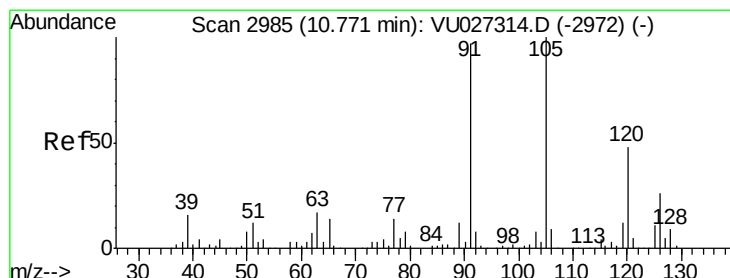
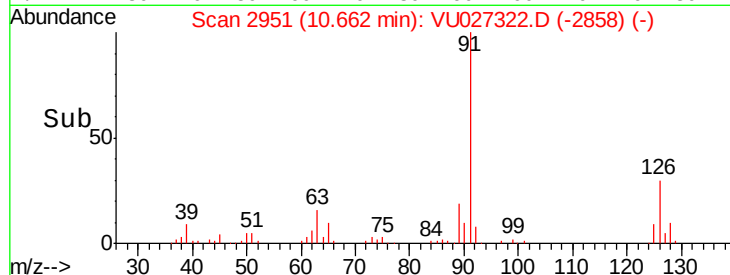
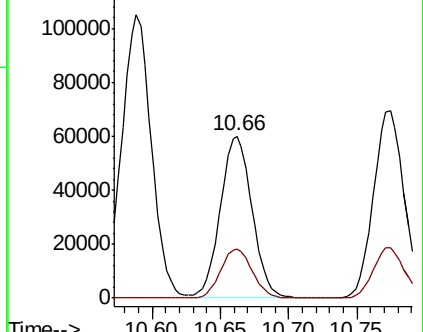
91 100

126 30.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027322.D (-2858) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.823 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027322.D

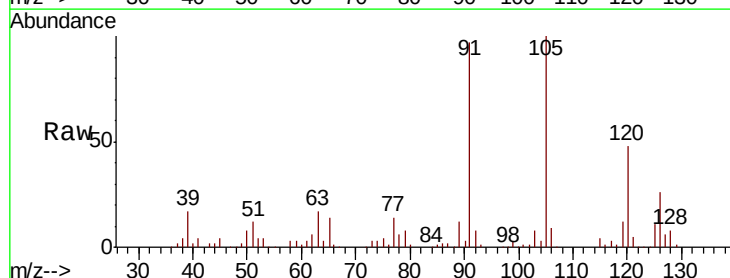
Acq: 01 Oct 2018 16:47

Tgt Ion: 105 Resp: 110005

Ion Ratio Lower Upper

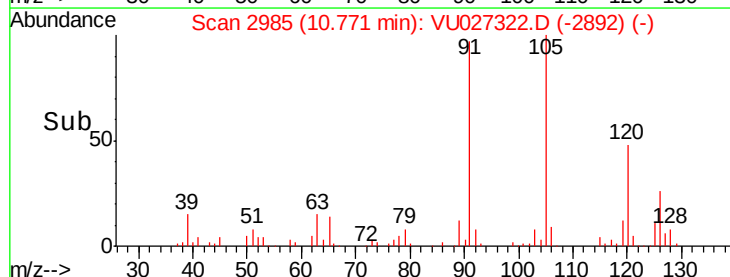
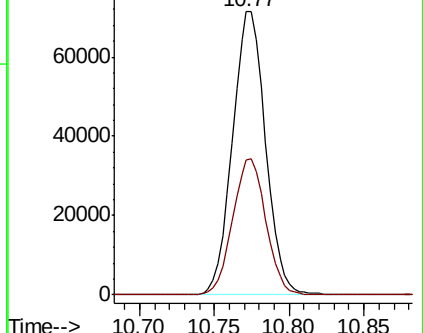
105 100

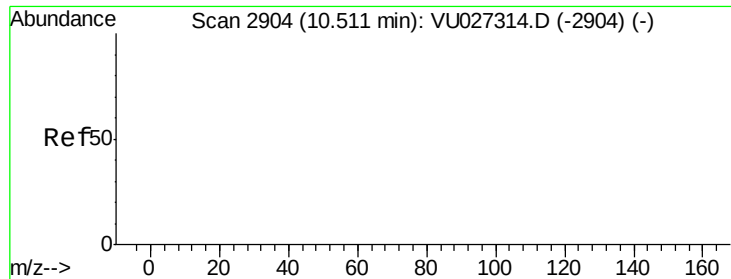
120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027322.D (-2892) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 69.540 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

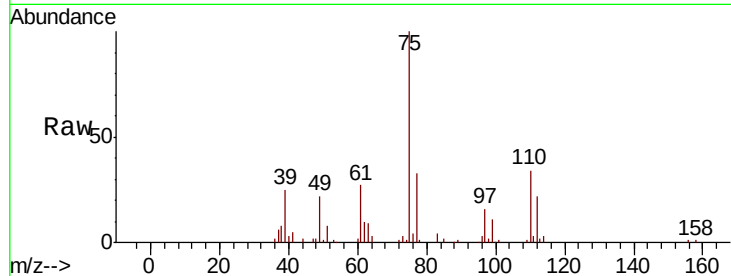
Tot Ion: 75 Resp: 61537

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

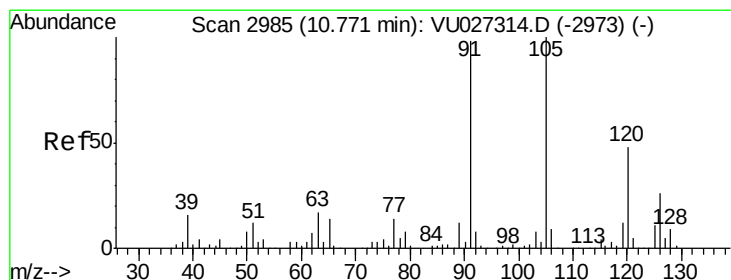
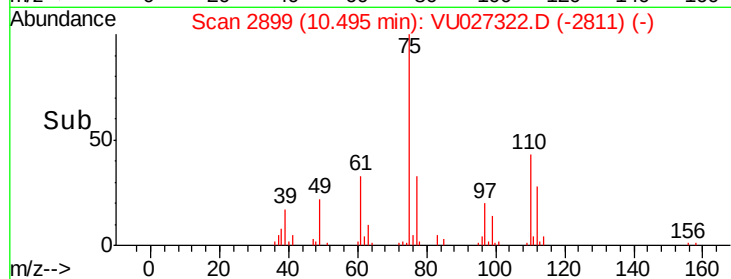
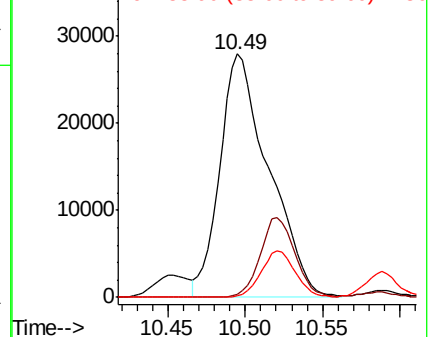
89 0.0 0.0 0.0



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: 20.577 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027322.D

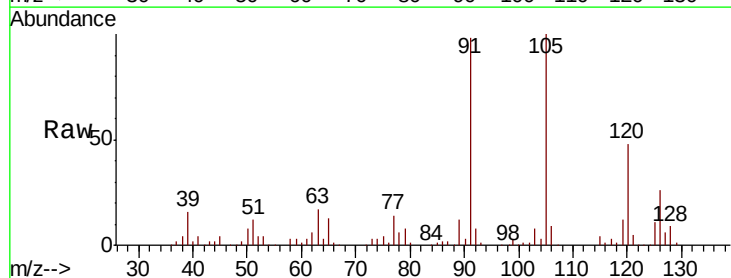
Acq: 01 Oct 2018 16:47

Tgt Ion: 91 Resp: 109931

Ion Ratio Lower Upper

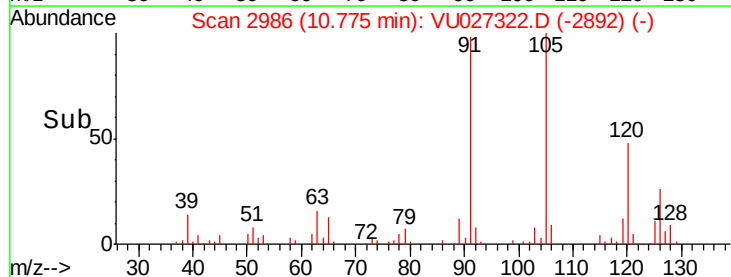
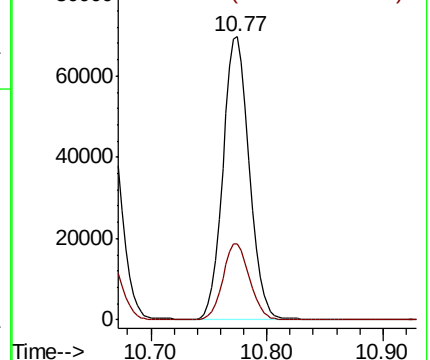
91 100

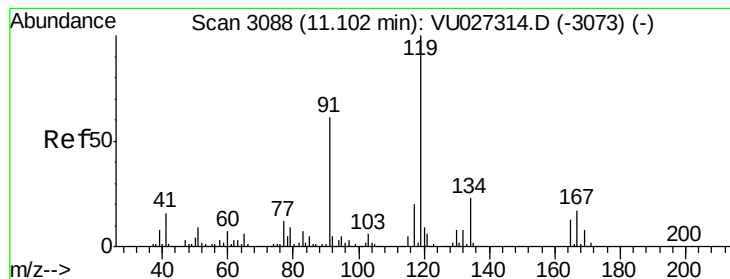
126 27.1 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.760 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

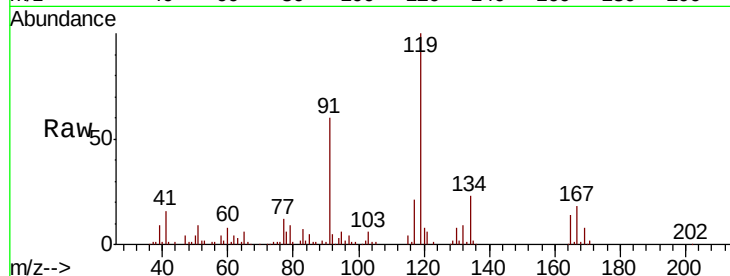
Tot Ion:119 Resp: 106022

Ion Ratio Lower Upper

119 100

91 59.9 30.3 91.0

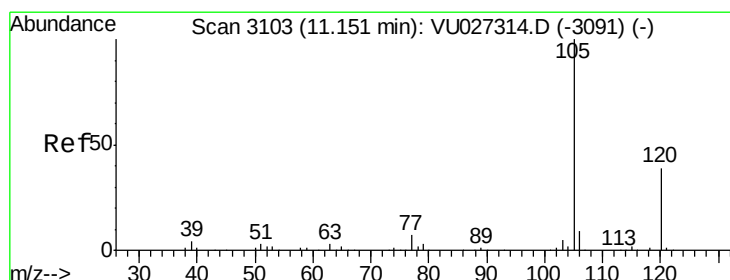
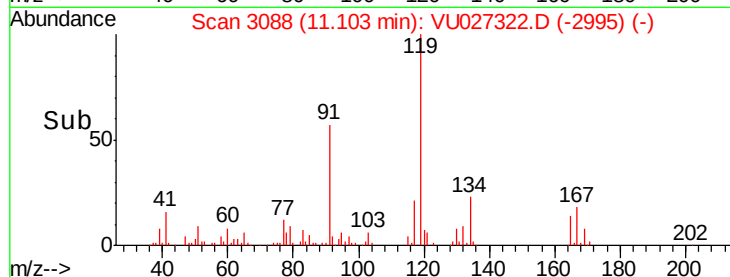
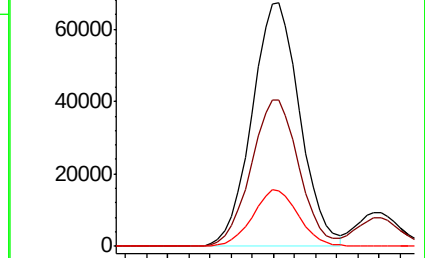
134 22.3 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.098 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027322.D

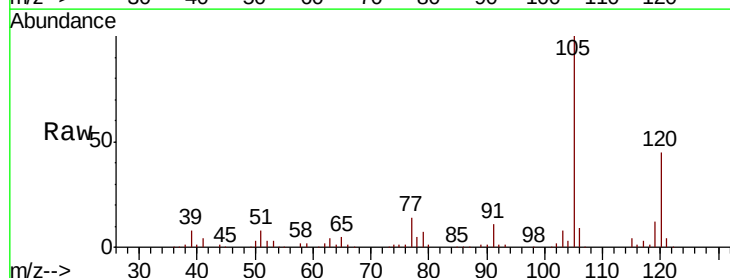
Acq: 01 Oct 2018 16:47

Tgt Ion:105 Resp: 113850

Ion Ratio Lower Upper

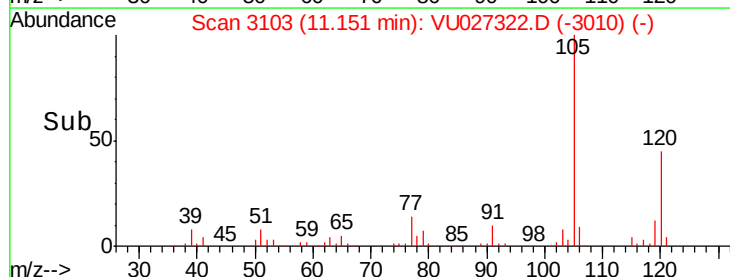
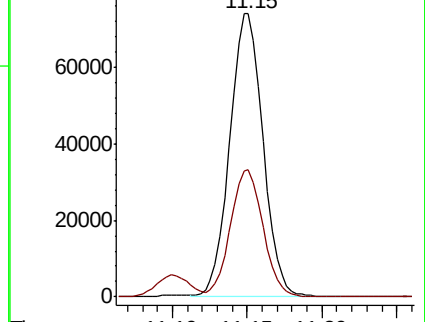
105 100

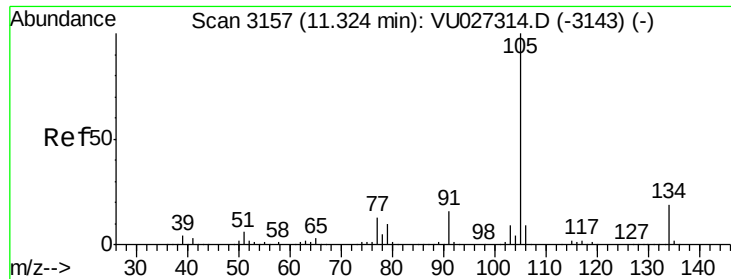
120 44.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

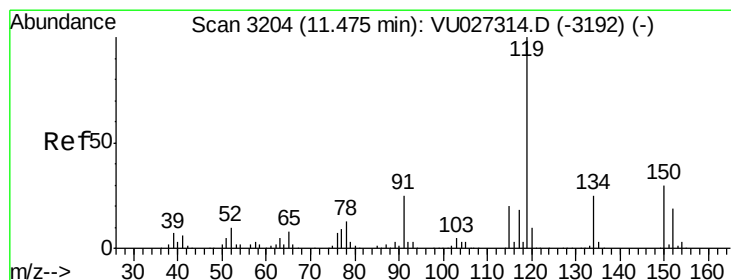
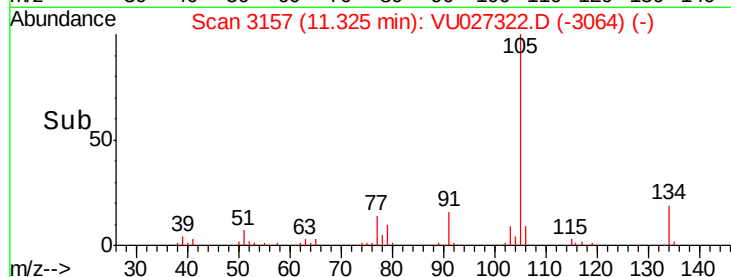
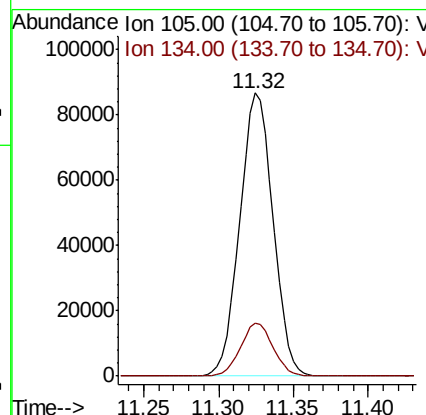
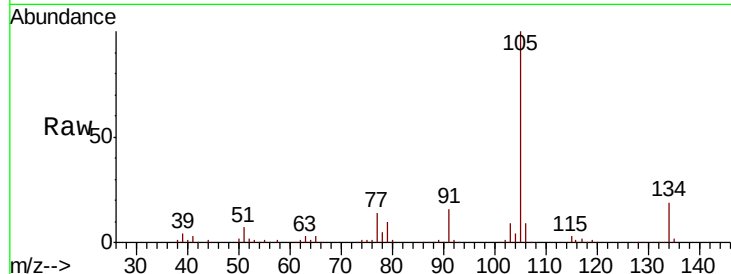




#85
 sec-Butylbenzene
 Concen: 20.855 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

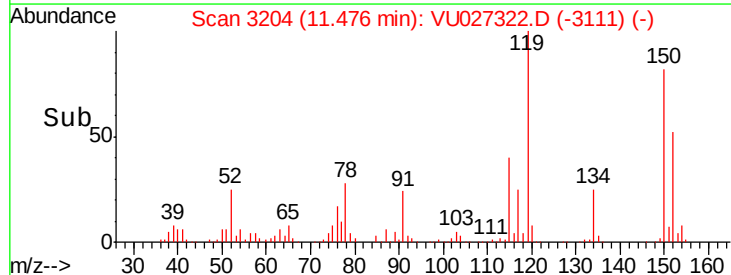
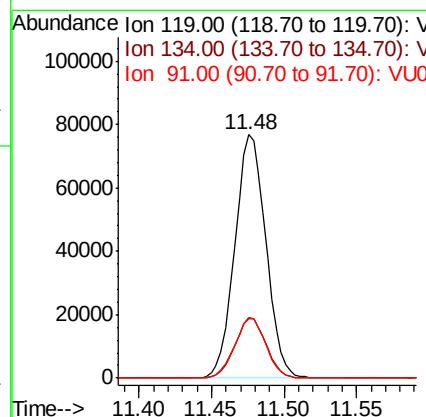
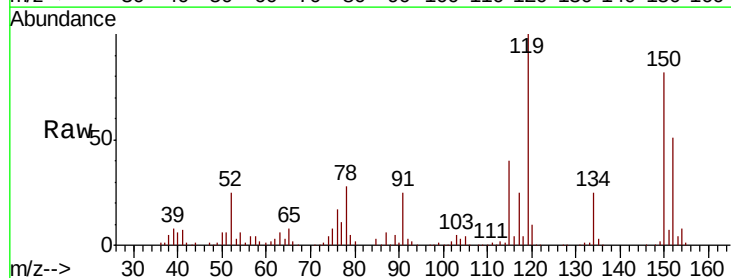
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

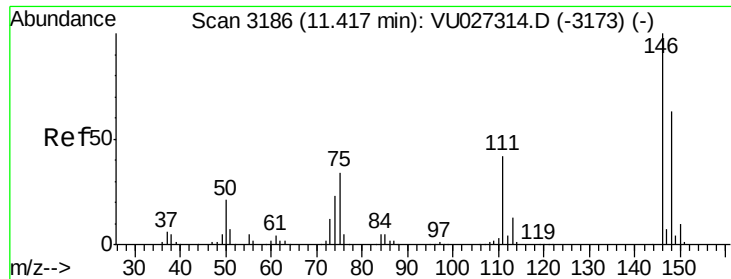
Tot Ion:105 Resp: 134200
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.687 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion:119 Resp: 113972
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.7 38.1
 91 24.8 12.2 36.4

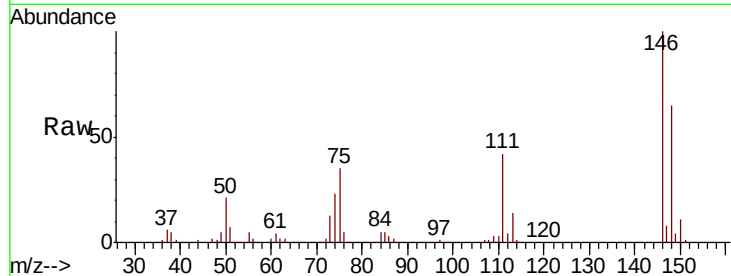




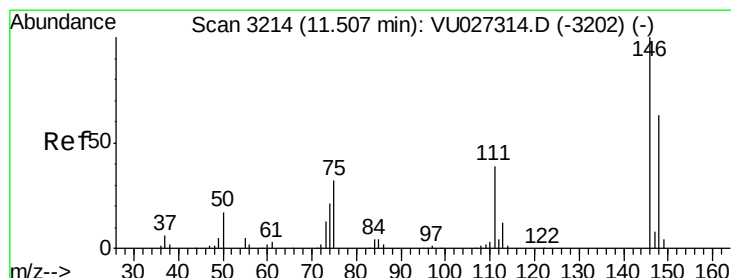
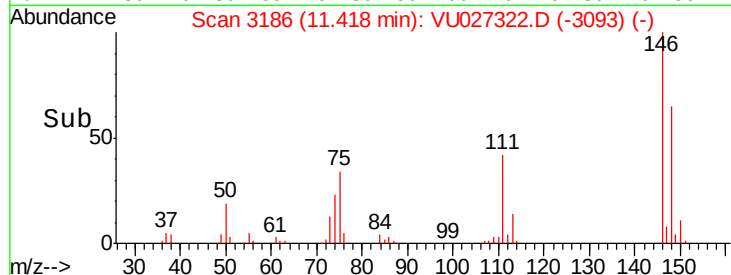
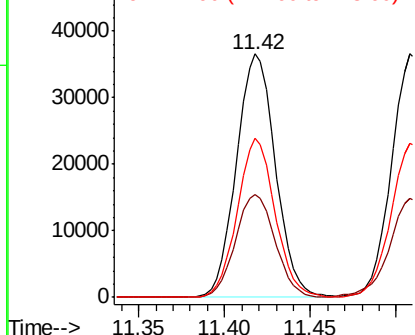
#87
 1,3-Dichlorobenzene
 Concen: 20.176 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion:146 Resp: 57612
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.5
 148 63.2 31.6 94.8

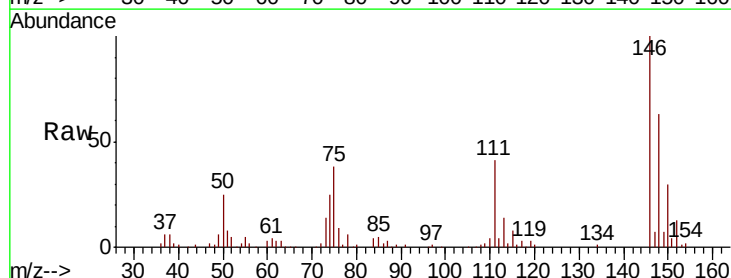


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

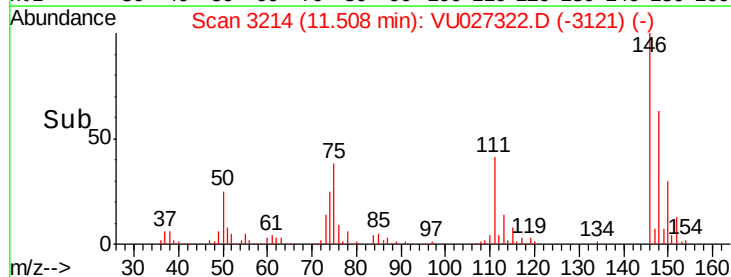
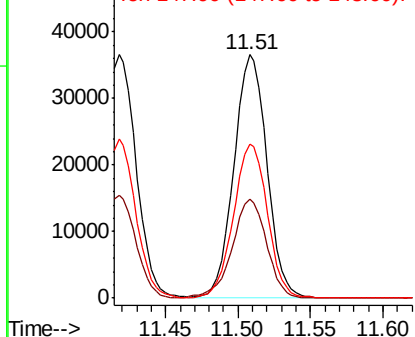


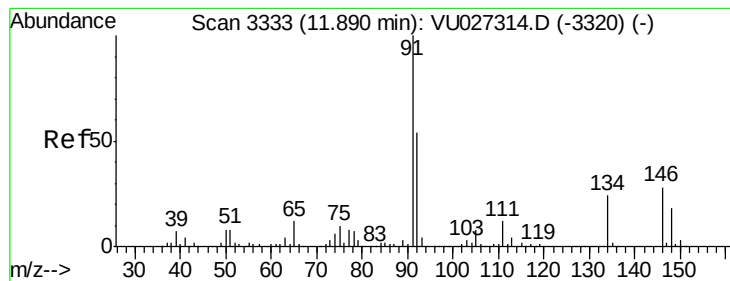
#88
 1,4-Dichlorobenzene
 Concen: 19.805 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion:146 Resp: 57791
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.4 61.2
 148 65.0 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: 18.877 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027322.D

Acq: 01 Oct 2018 16:47

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBS01

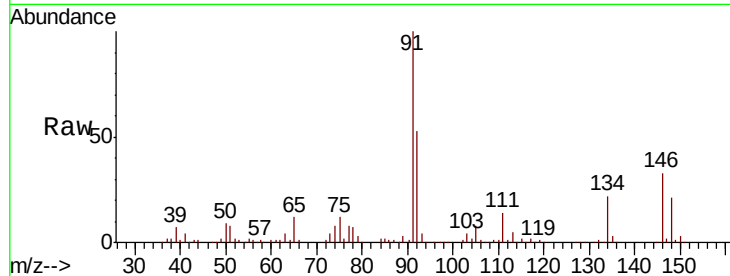
Tot Ion: 91 Resp: 102985

Ion Ratio Lower Upper

91 100

92 52.4 27.0 81.0

134 22.2 11.7 35.1

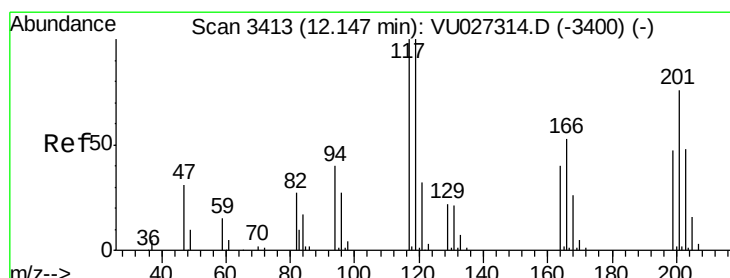
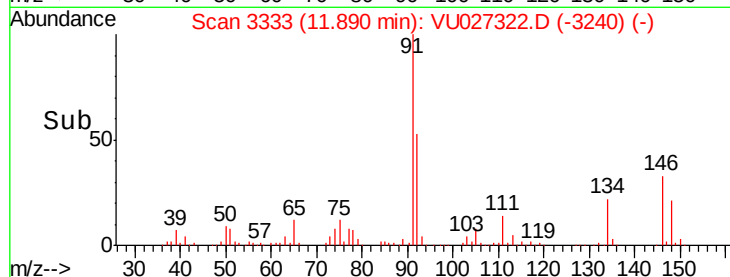


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)

Time-->



#90

Hexachloroethane

Concen: 19.998 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU027322.D

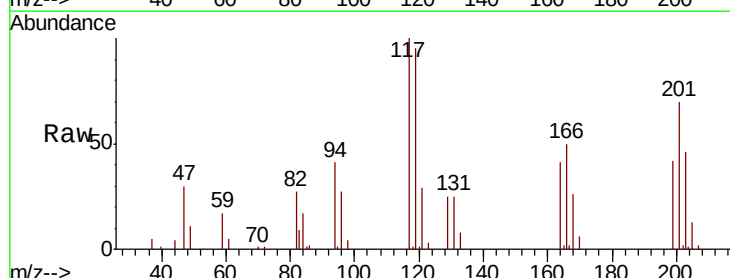
Acq: 01 Oct 2018 16:47

Tgt Ion: 117 Resp: 20768

Ion Ratio Lower Upper

117 100

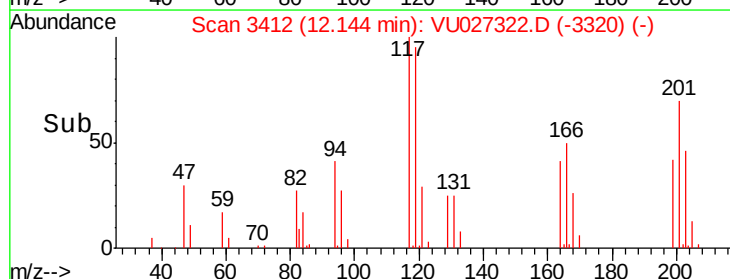
201 72.0 37.9 113.6

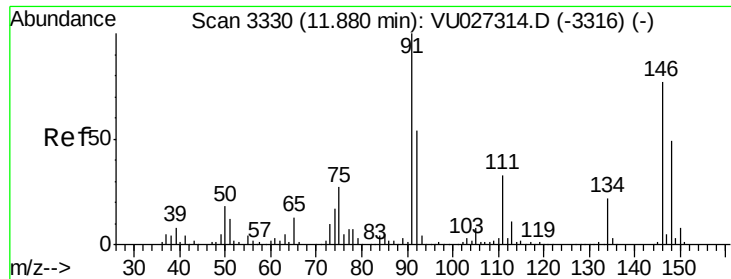


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-3400) (-)

Ion 200.70 (200.40 to 201.40): VU027314.D (-3400) (-)

Time-->

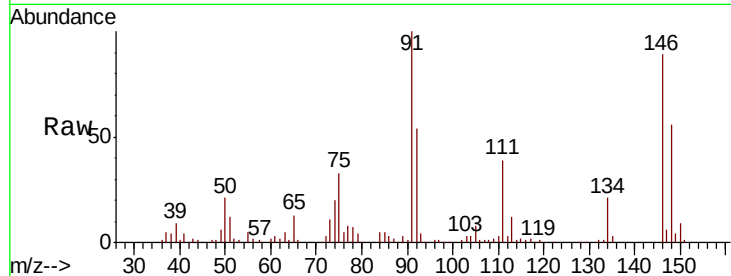




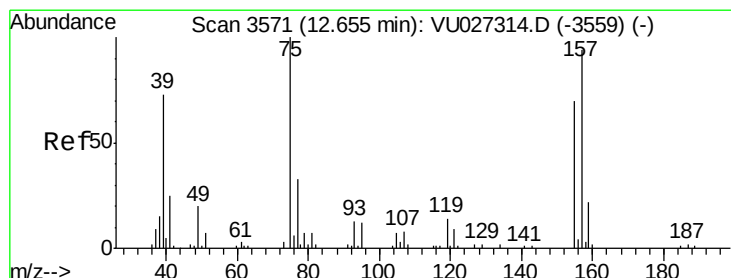
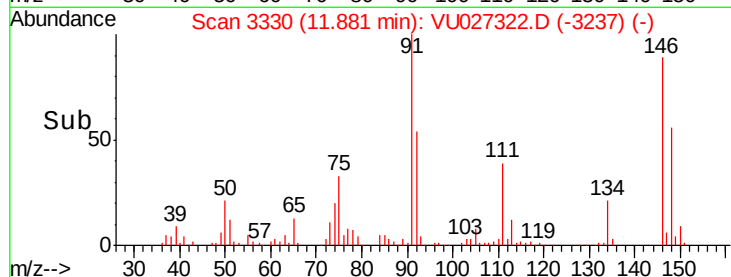
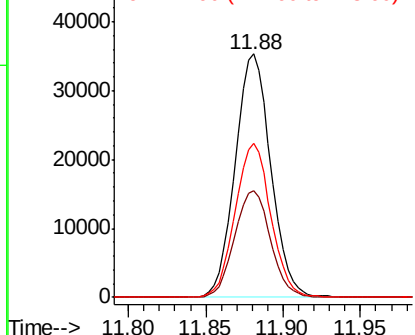
#91
 1,2-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion:146 Resp: 56469
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.8 65.4
 148 63.2 31.9 95.5

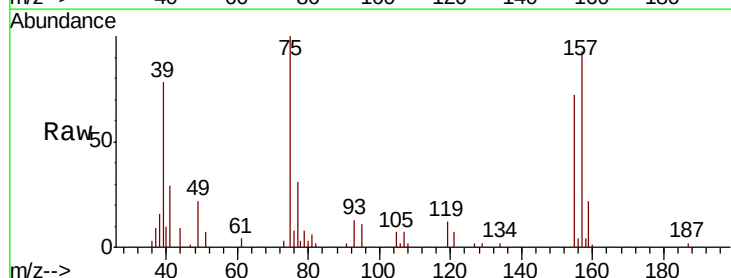


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

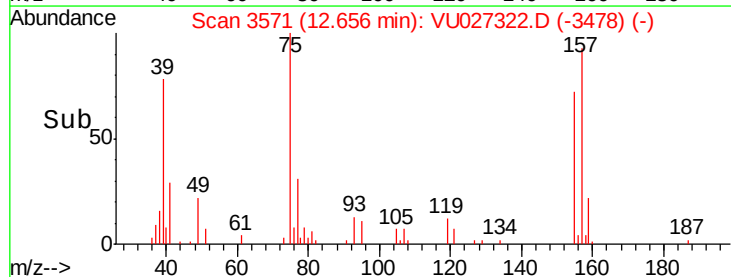
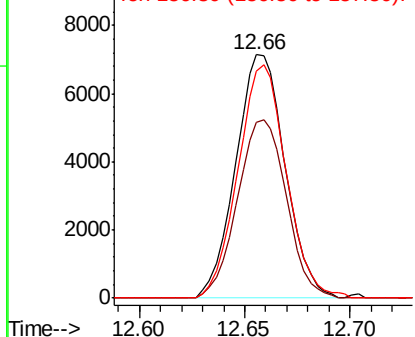


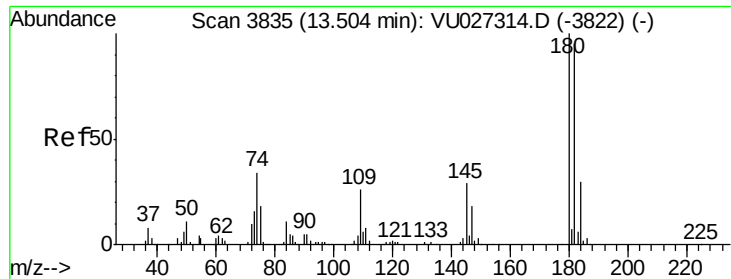
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.594 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion: 75 Resp: 11629
 Ion Ratio Lower Upper
 75 100
 155 72.6 35.9 107.8
 157 93.9 46.9 140.6



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

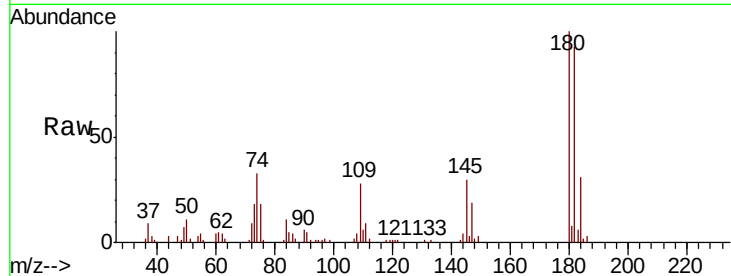




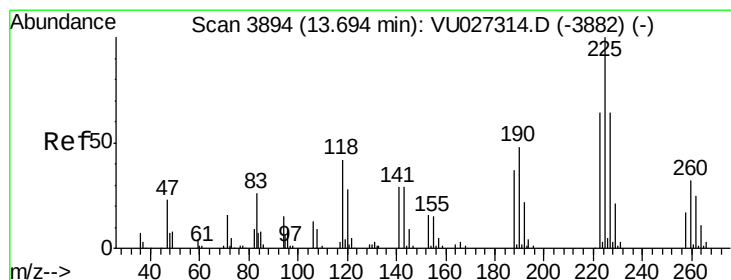
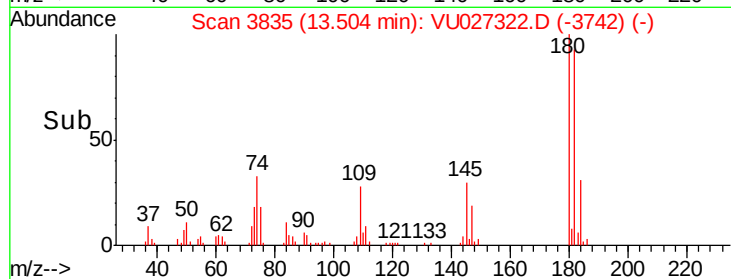
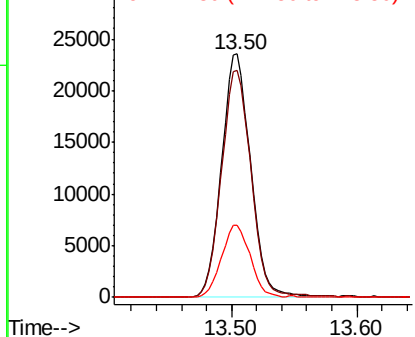
#93
 1,2,4-Trichlorobenzene
 Concen: 21.064 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Tot Ion:180 Resp: 37884
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.3
 145 29.1 14.6 44.0

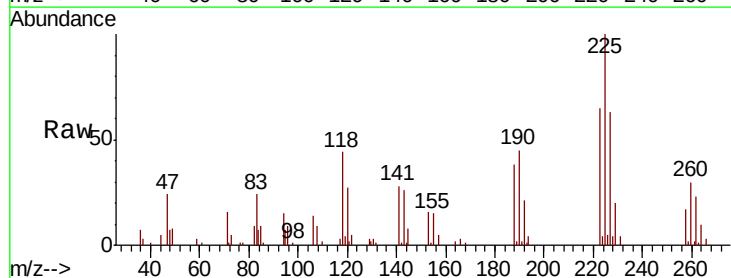


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

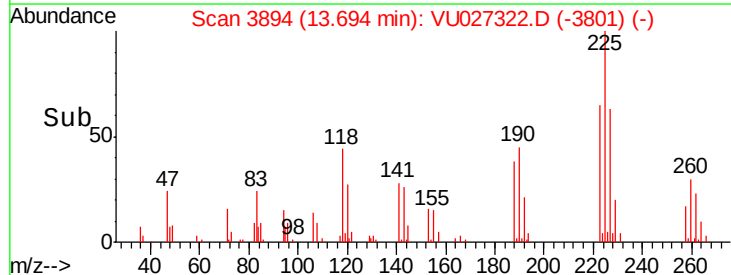
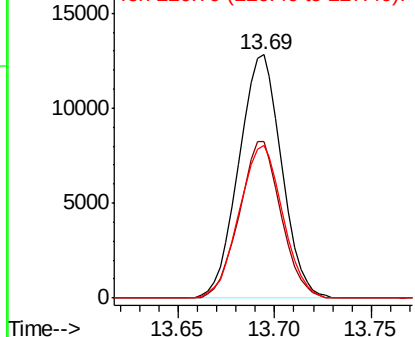


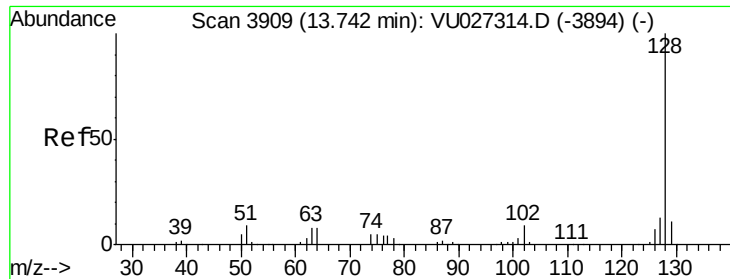
#94
 Hexachlorobutadiene
 Concen: 21.710 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027322.D
 Acq: 01 Oct 2018 16:47

Tgt Ion:225 Resp: 19727
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.8 95.3
 227 63.7 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

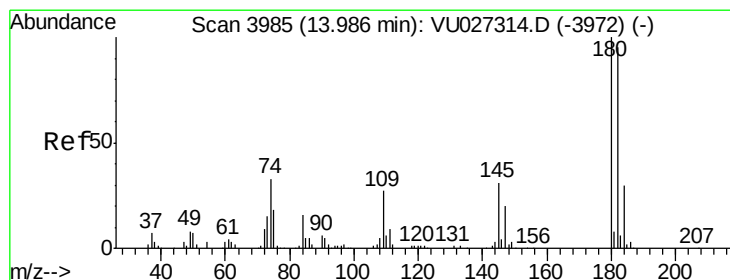
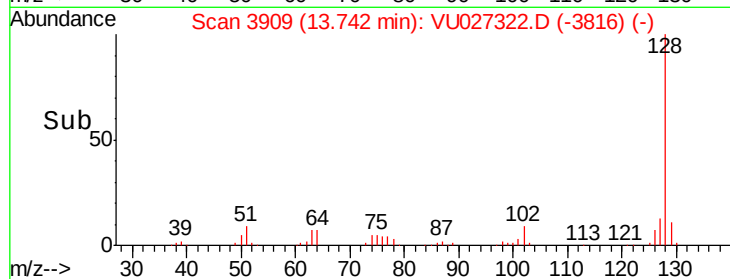
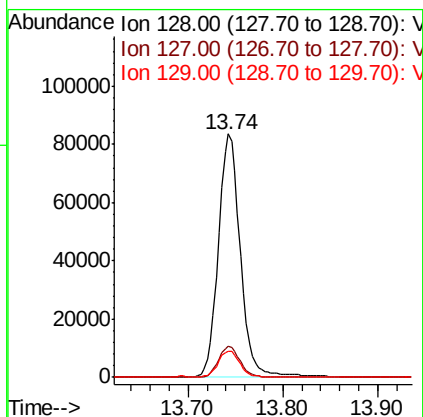
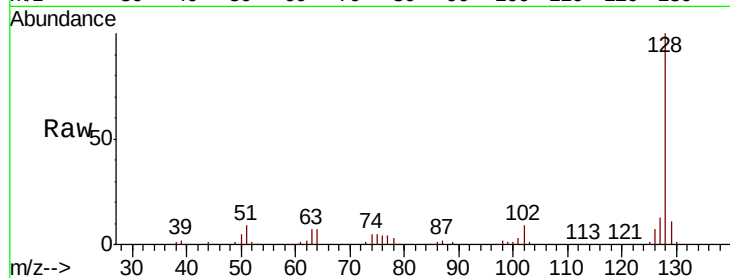




#95
Naphthalene
Concen: 21.065 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Instrument :
MSVOA_U
ClientSampleId :
VU1001WBS01

Tot Ion:128 Resp: 135570
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.575 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027322.D
Acq: 01 Oct 2018 16:47

Tgt Ion:180 Resp: 36678
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.2
145 32.2 15.9 47.7

