

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100218\
 Data File : VU027339.D
 Acq On : 02 Oct 2018 11:04
 Operator : MD/SY
 Sample : VU1002WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

Quant Time: Oct 03 02:03:16 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	107330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181912	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82470	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	89718	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
35) Dibromofluoromethane	4.89	113	62949	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	7.57	98	240381	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	10.31	95	83835	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	32834	21.219	ug/l	95
3) Chloromethane	1.33	50	43663	20.842	ug/l	100
4) Vinyl Chloride	1.40	62	40334	20.481	ug/l	99
5) Bromomethane	1.62	94	16928	19.866	ug/l	96
6) Chloroethane	1.70	64	22472	18.990	ug/l	100
7) Trichlorofluoromethane	1.89	101	42359	21.199	ug/l	95
8) Diethyl Ether	2.11	74	18502	20.101	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	24136	20.800	ug/l	95
10) Methyl Iodide	2.41	142	16065	21.514	ug/l	99
11) Tert butyl alcohol	2.83	59	39250	103.998	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22024	19.426	ug/l	89
13) Acrolein	2.20	56	27784	87.733	ug/l	99
14) Allyl chloride	2.59	41	53295	19.796	ug/l	97
15) Acrylonitrile	2.94	53	101745	103.578	ug/l	99
16) Acetone	2.32	43	100412	94.838	ug/l	99
17) Carbon Disulfide	2.48	76	76535	18.718	ug/l	99
18) Methyl Acetate	2.62	43	50306	20.828	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	90822	19.993	ug/l	99
20) Methylene Chloride	2.70	84	29100	19.731	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	25341	19.909	ug/l	97
22) Diisopropyl ether	3.58	45	112980	20.647	ug/l	97
23) Vinyl Acetate	3.53	43	488715	102.269	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58126	20.663	ug/l	99
25) 2-Butanone	4.27	43	149668	103.662	ug/l	100
26) 2,2-Dichloropropane	4.23	77	45071	19.499	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27795	19.095	ug/l	94
28) Bromochloromethane	4.55	49	27507	20.268	ug/l	99
29) Tetrahydrofuran	4.64	42	96461	106.012	ug/l	100
30) Chloroform	4.67	83	51956	20.788	ug/l	99
31) Cyclohexane	5.00	56	54329	18.752	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	42937	20.398	ug/l	98
36) 1,1-Dichloropropene	5.14	75	38677	19.582	ug/l	98
37) Ethyl Acetate	4.38	43	52054	20.392	ug/l	99
38) Carbon Tetrachloride	5.14	117	35927	20.136	ug/l	96

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Quant Time: Oct 03 02:03:16 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	43274	18.743	ug/l	98
40) Benzene	5.39	78	117937	20.499	ug/l	98
41) Methacrylonitrile	4.55	41	30375	21.053	ug/l	98
42) 1,2-Dichloroethane	5.41	62	44353	20.768	ug/l	100
43) Isopropyl Acetate	5.55	43	80330	20.262	ug/l	99
44) Trichloroethene	6.19	130	25203	19.645	ug/l	100
45) 1,2-Dichloropropane	6.43	63	34252	20.640	ug/l	98
46) Dibromomethane	6.56	93	20010	21.350	ug/l	98
47) Bromodichloromethane	6.76	83	40014	20.575	ug/l	100
48) Methyl methacrylate	6.62	41	40399	20.491	ug/l	97
49) 1,4-Dioxane	6.61	88	14745	434.674	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	273491	106.159	ug/l	99
52) Toluene	7.64	92	68892	20.230	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	45052	19.758	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	48936	19.963	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	28105	20.816	ug/l	99
56) Ethyl methacrylate	8.02	69	44480	18.693	ug/l	98
57) 1,3-Dichloropropane	8.24	76	52620	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	129471	96.411	ug/l	98
59) 2-Hexanone	8.36	43	211143	105.653	ug/l	98
60) Dibromochloromethane	8.48	129	27257	20.128	ug/l	99
61) 1,2-Dibromoethane	8.59	107	29369	20.458	ug/l	99
64) Tetrachloroethene	8.23	164	21698	20.275	ug/l	97
65) Chlorobenzene	9.12	112	70508	19.485	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	25348	20.291	ug/l	99
67) Ethyl Benzene	9.25	91	123088	19.199	ug/l	100
68) m/p-Xylenes	9.38	106	92059	39.256	ug/l	100
69) o-Xylene	9.78	106	43745	19.629	ug/l	99
70) Styrene	9.79	104	72404	18.881	ug/l	99
71) Bromoform	9.96	173	19126	19.030	ug/l #	100
73) Isopropylbenzene	10.17	105	120146	20.059	ug/l	99
74) N-amyl acetate	10.02	43	67239	19.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	48817	20.756	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	57422	26.860	ug/l	83
77) Bromobenzene	10.45	156	27651	19.864	ug/l	98
78) n-propylbenzene	10.59	91	140187	19.478	ug/l	99
79) 2-Chlorotoluene	10.66	91	85206	19.607	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	98671	20.234	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	57422	70.296	ug/l #	100
82) 4-Chlorotoluene	10.77	91	96253	19.518	ug/l	98
83) tert-Butylbenzene	11.10	119	93927	19.924	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	99669	20.009	ug/l	100
85) sec-Butylbenzene	11.32	105	117146	19.722	ug/l	99
86) p-Isopropyltoluene	11.48	119	99272	19.520	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	49239	18.680	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	50700	18.823	ug/l	98
89) n-Butylbenzene	11.89	91	84864	17.061	ug/l	98
90) Hexachloroethane	12.15	117	18454	19.250	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	49768	19.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10759	20.641	ug/l	97

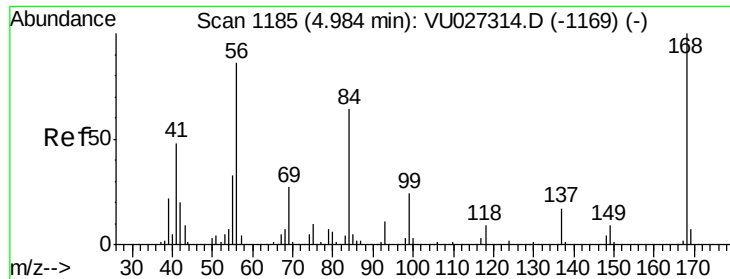
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100218\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	29431	17.728	ug/l	99
94) Hexachlorobutadiene	13.69	225	15514	18.496	ug/l	97
95) Naphthalene	13.74	128	101610	17.416	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	32007	18.505	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

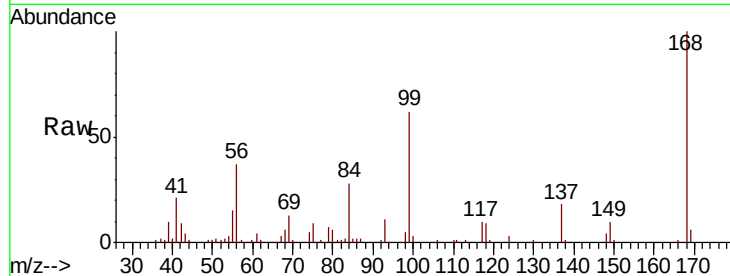
VU1002WBSD01

Tot Ion:168 Resp: 107330

Ion Ratio Lower Upper

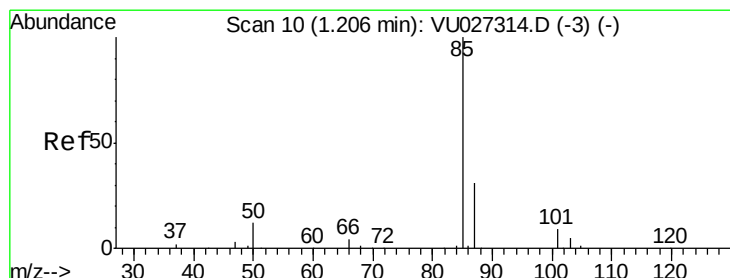
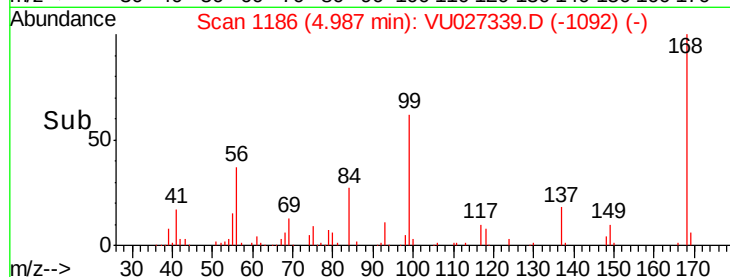
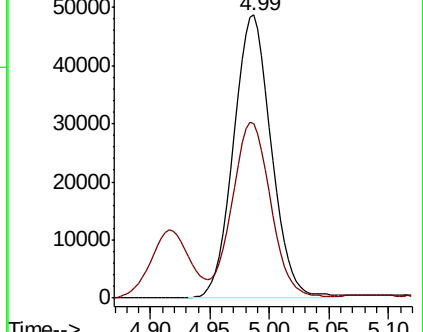
168 100

99 60.7 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: 21.219 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027339.D

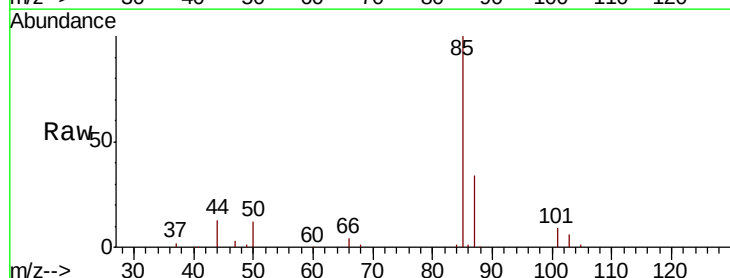
Acq: 02 Oct 2018 11:04

Tgt Ion: 85 Resp: 32834

Ion Ratio Lower Upper

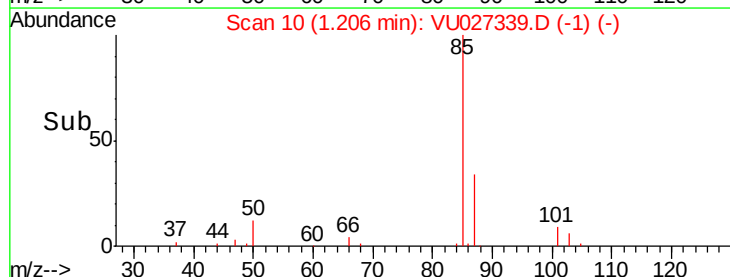
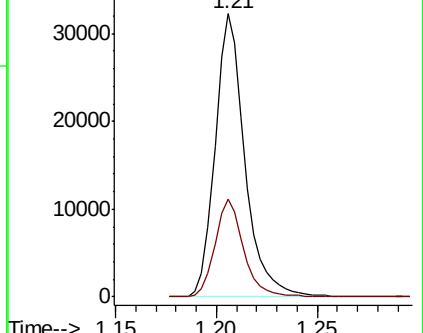
85 100

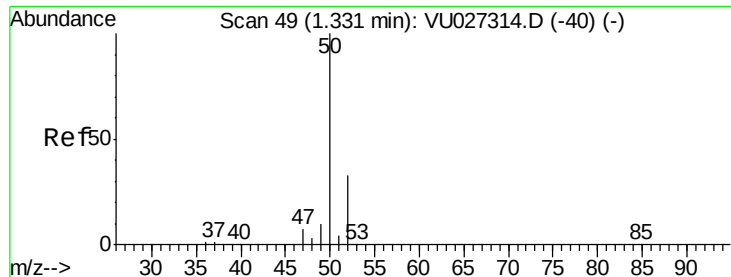
87 34.3 15.7 47.1



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

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





#3

Chloromethane

Concen: 20.842 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

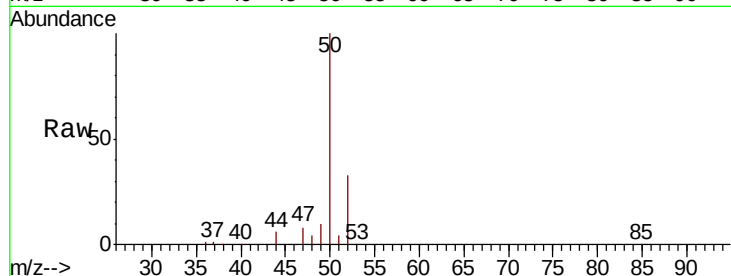
VU1002WBSD01

Tot Ion: 50 Resp: 43663

Ion Ratio Lower Upper

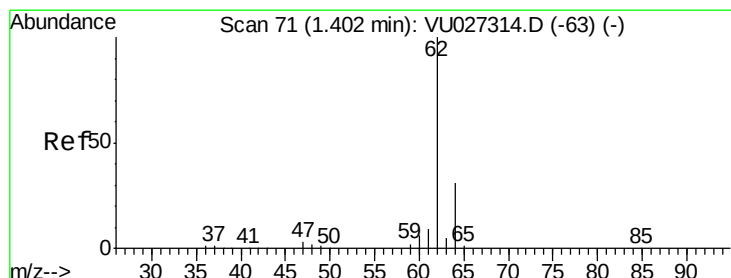
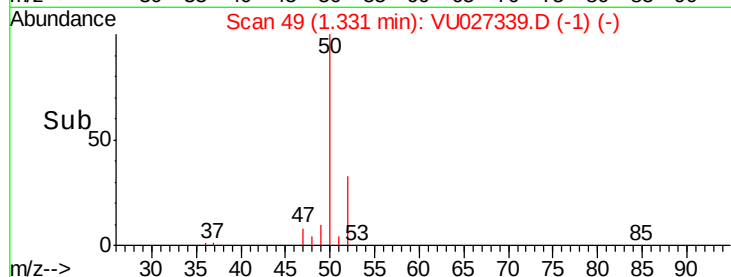
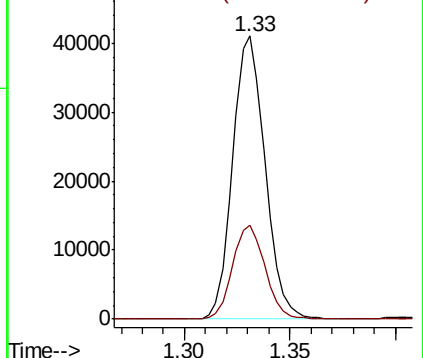
50 100

52 33.1 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: 20.481 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027339.D

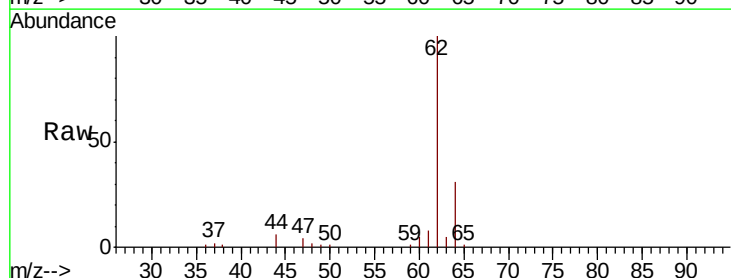
Acq: 02 Oct 2018 11:04

Tgt Ion: 62 Resp: 40334

Ion Ratio Lower Upper

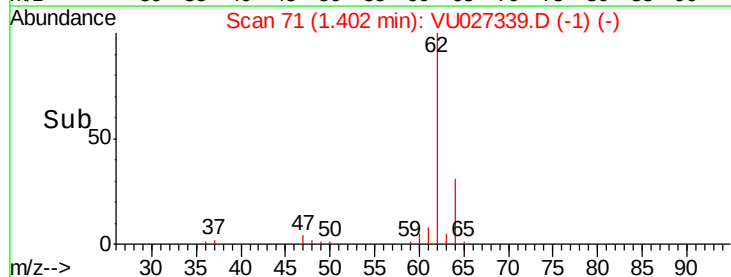
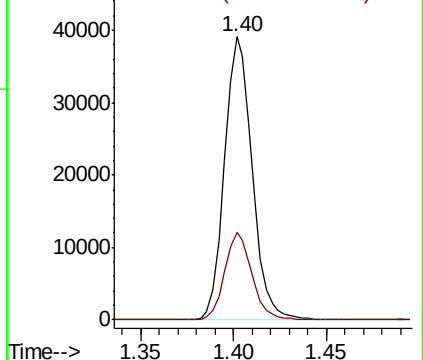
62 100

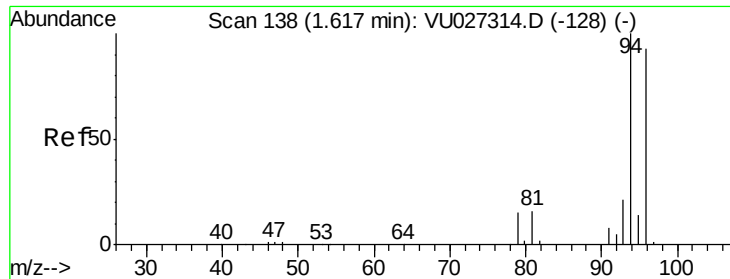
64 30.8 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 19.866 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

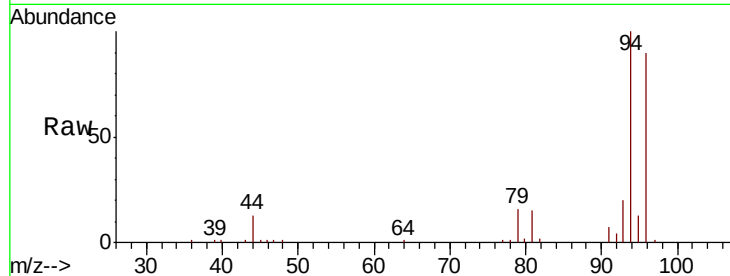
VU1002WBSD01

Tot Ion: 94 Resp: 16928

Ion Ratio Lower Upper

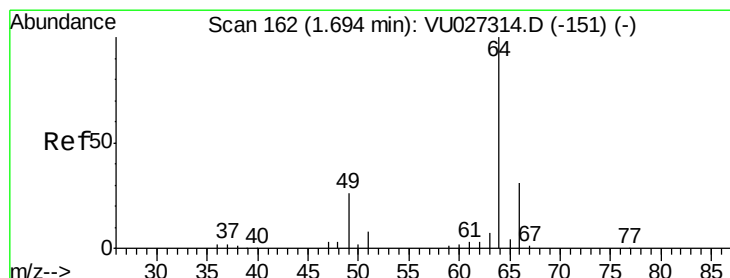
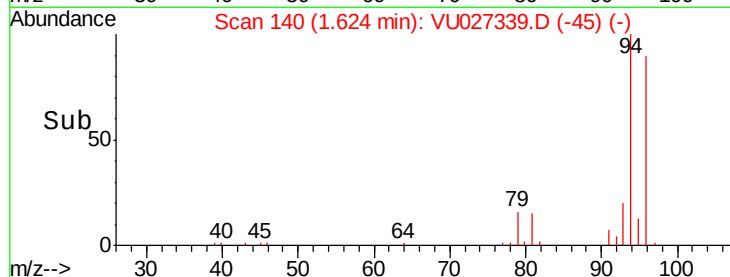
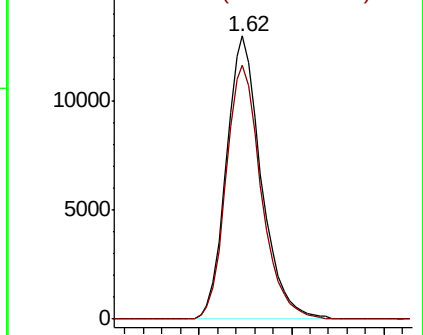
94 100

96 89.8 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU027339.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VU027339.D (-140) (-)



#6

Chloroethane

Concen: 18.990 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027339.D

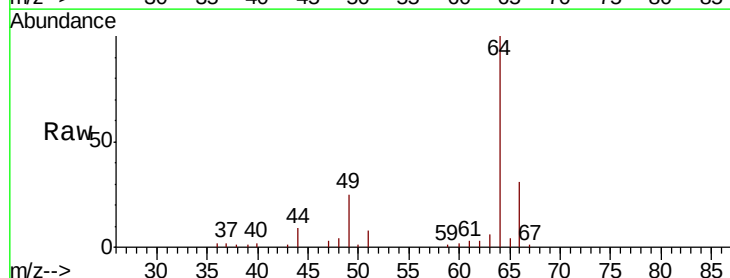
Acq: 02 Oct 2018 11:04

Tgt Ion: 64 Resp: 22472

Ion Ratio Lower Upper

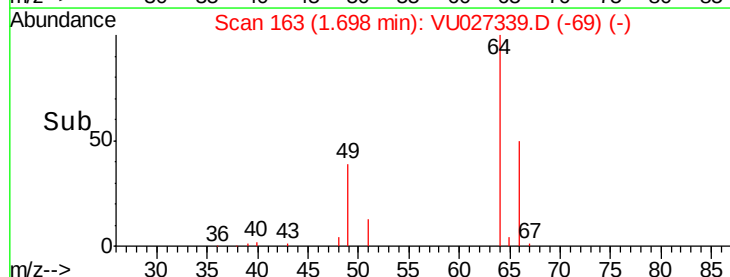
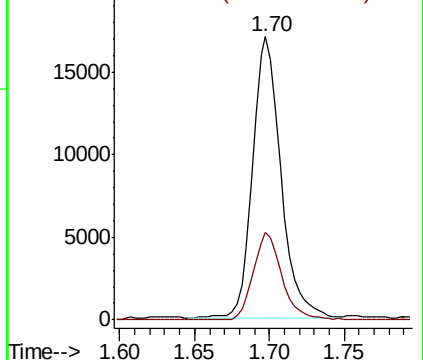
64 100

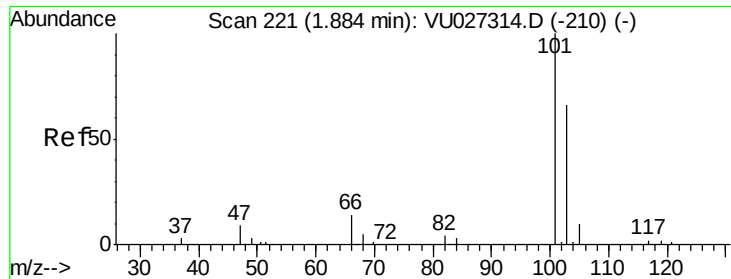
66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU027339.D (-163) (-)

Ion 65.90 (65.60 to 66.60): VU027339.D (-163) (-)



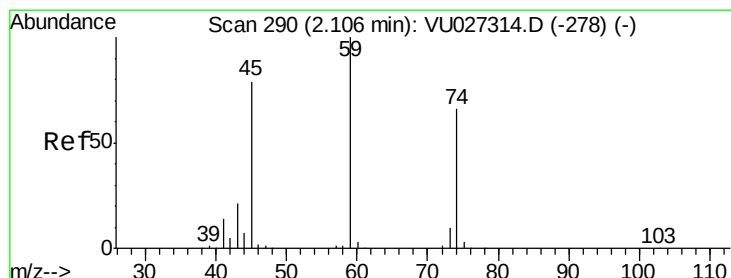
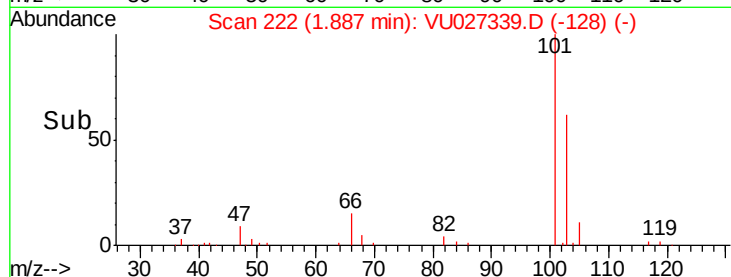
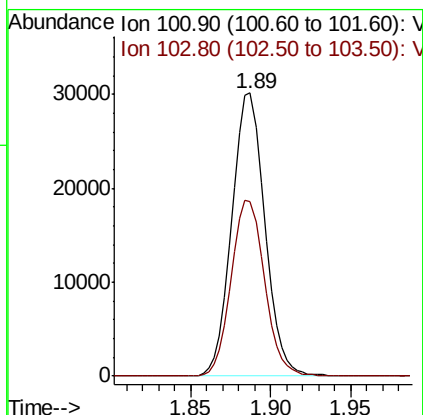
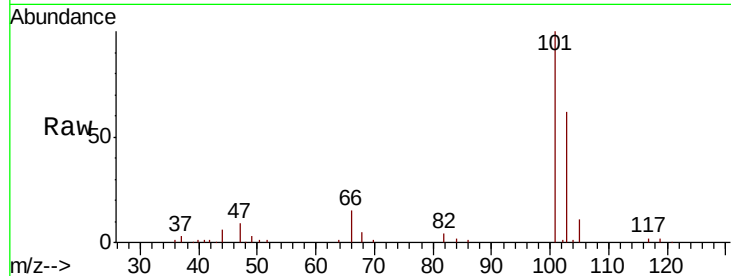


#7

Trichlorofluoromethane
 Concen: 21.199 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

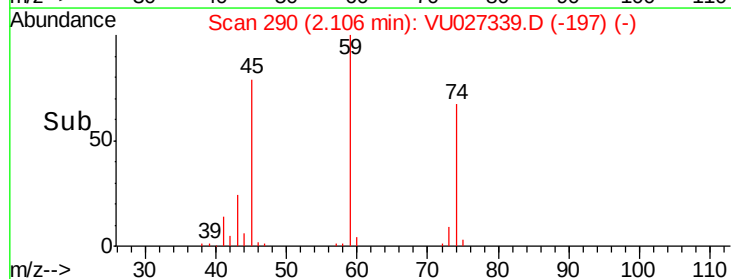
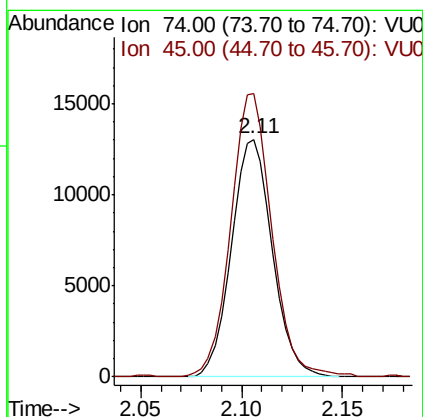
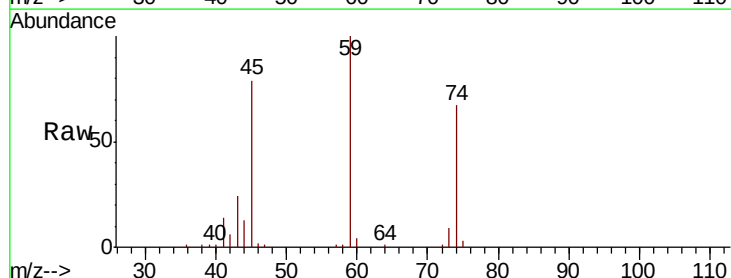
Tot Ion:101 Resp: 42359
 Ion Ratio Lower Upper
 101 100
 103 61.5 52.6 78.8

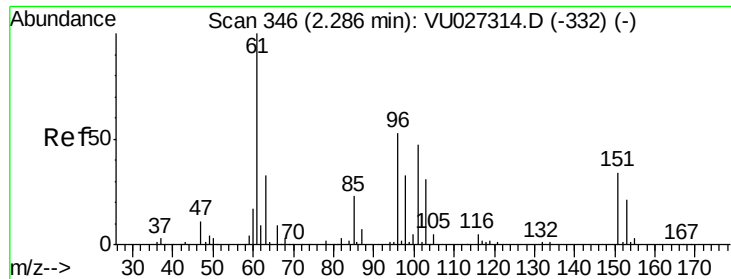


#8

Diethyl Ether
 Concen: 20.101 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 74 Resp: 18502
 Ion Ratio Lower Upper
 74 100
 45 120.0 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.800 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

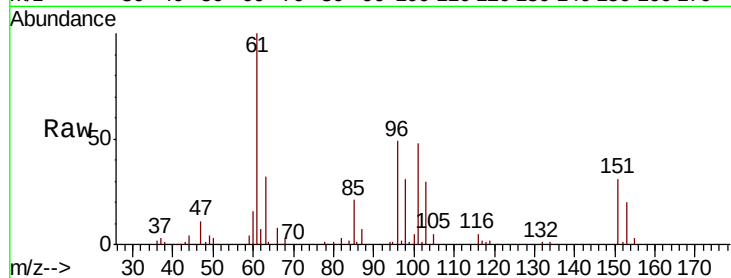
Tot Ion:101 Resp: 24136

Ion Ratio Lower Upper

101 100

85 45.1 37.5 56.3

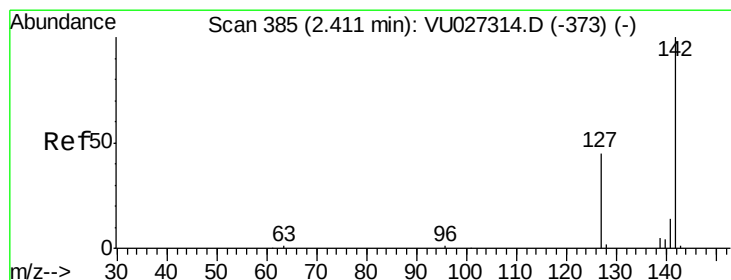
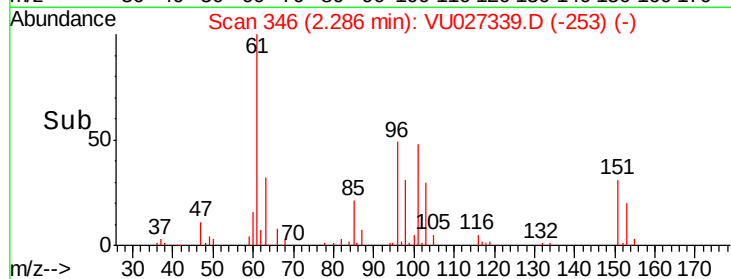
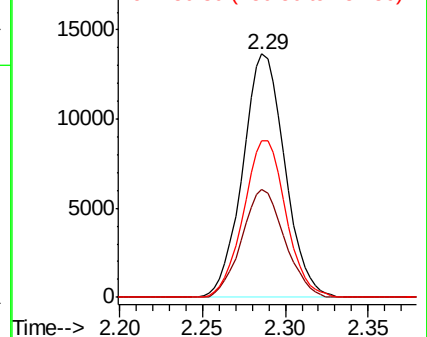
151 64.8 55.6 83.4



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: 21.514 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

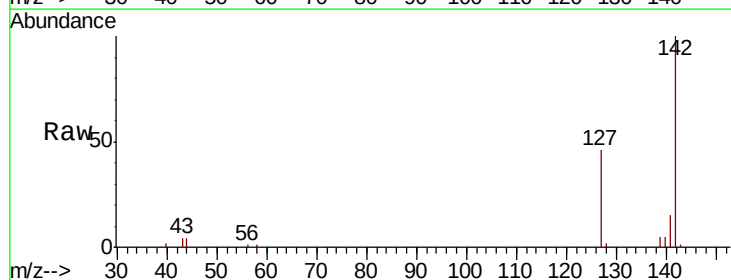
Tgt Ion:142 Resp: 16065

Ion Ratio Lower Upper

142 100

127 46.4 36.3 54.5

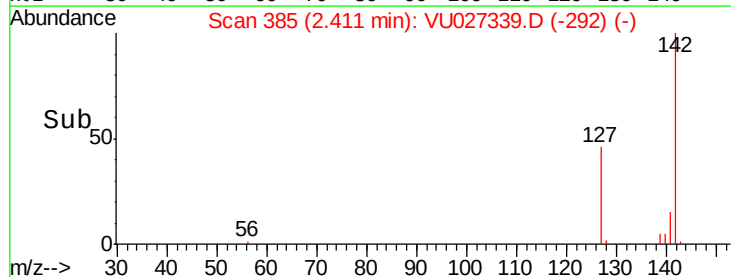
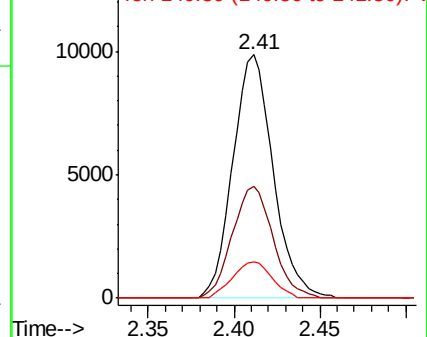
141 14.4 11.6 17.4

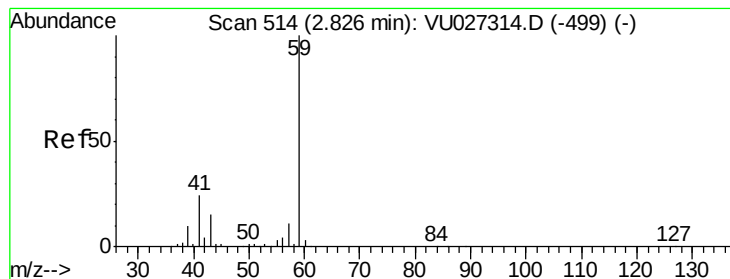


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



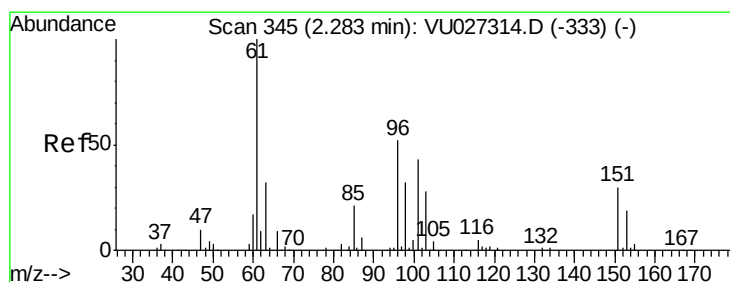
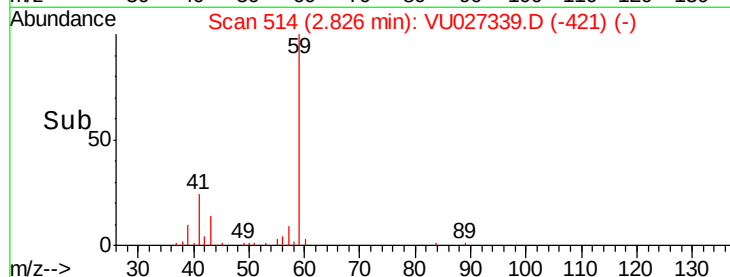
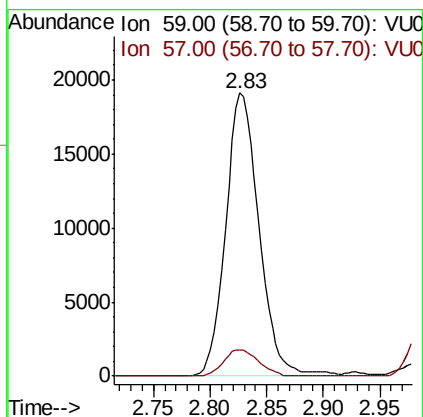
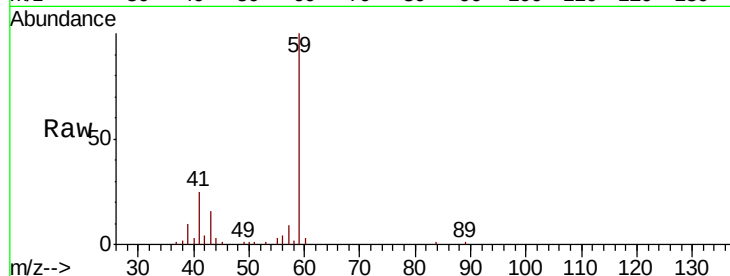


#11

Tert butyl alcohol
 Concen: 103.998 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

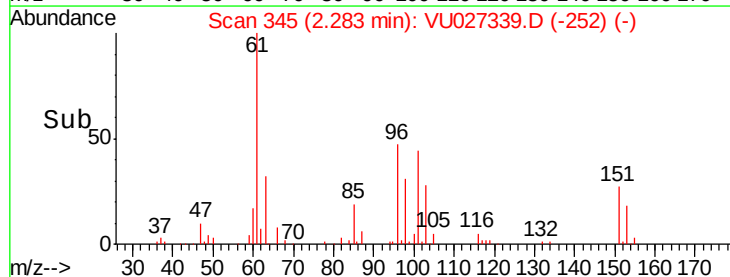
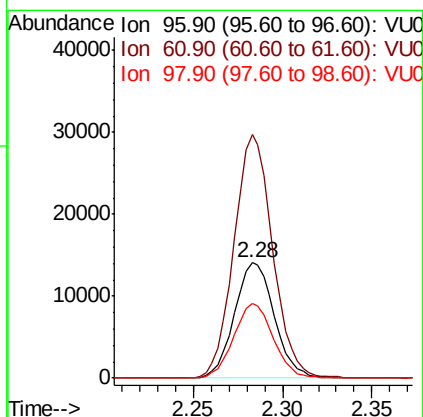
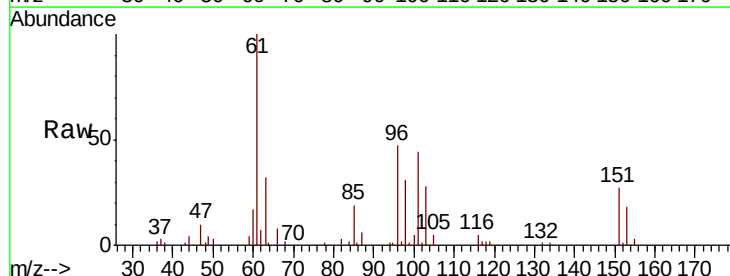
Tot Ion: 59 Resp: 39250
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

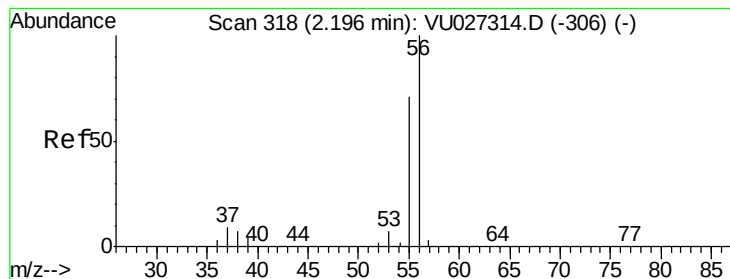


#12

1,1-Dichloroethene
 Concen: 19.426 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 96 Resp: 22024
 Ion Ratio Lower Upper
 96 100
 61 210.8 153.0 229.6
 98 64.3 49.3 73.9





#13

Acrolein

Concen: 87.733 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

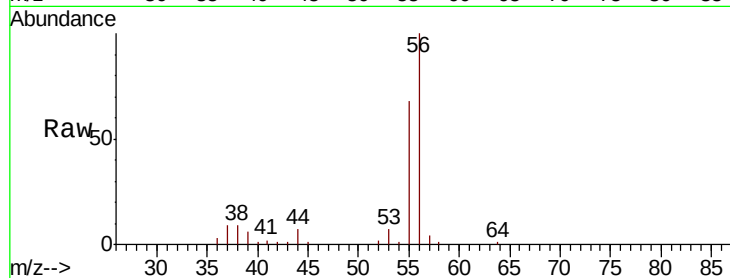
VU1002WBSD01

Tot Ion: 56 Resp: 27784

Ion Ratio Lower Upper

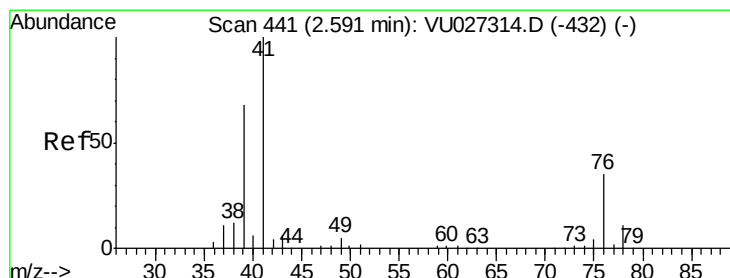
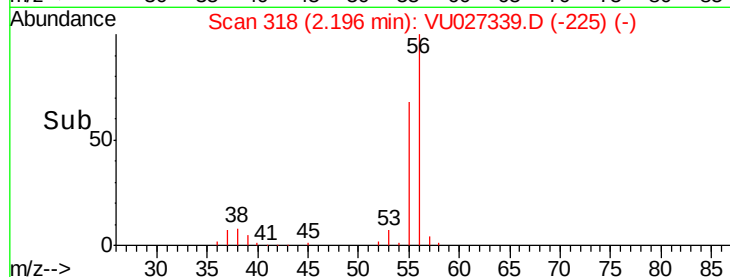
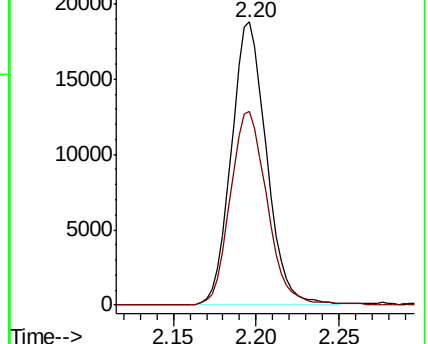
56 100

55 71.5 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: 19.796 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

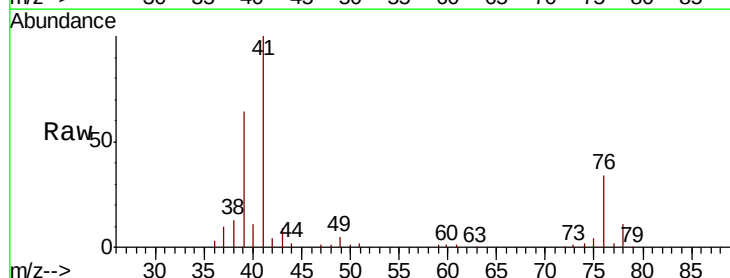
Tgt Ion: 41 Resp: 53295

Ion Ratio Lower Upper

41 100

39 63.1 51.8 77.8

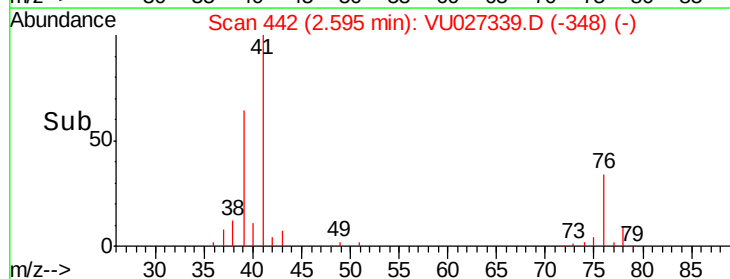
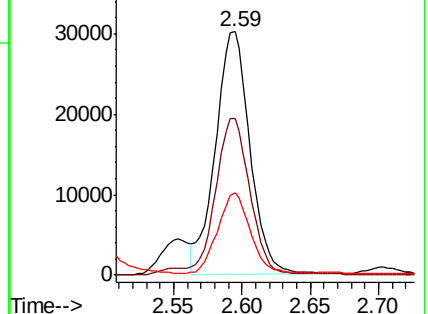
76 30.6 25.9 38.9

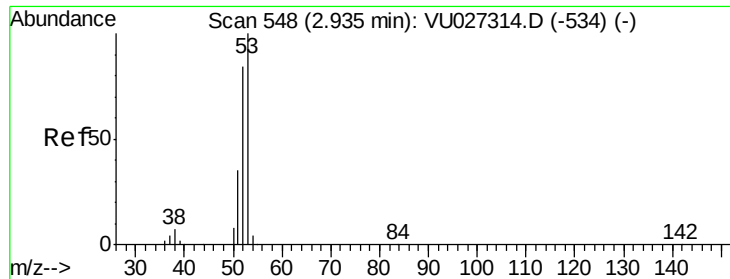


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 103.578 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

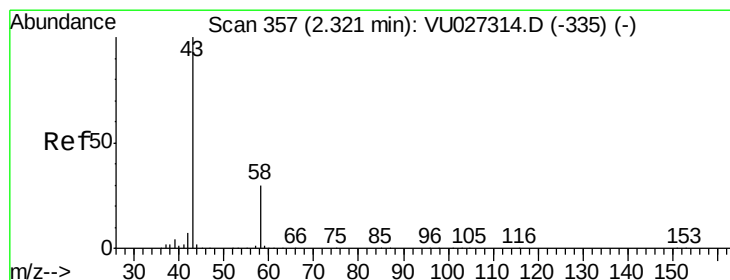
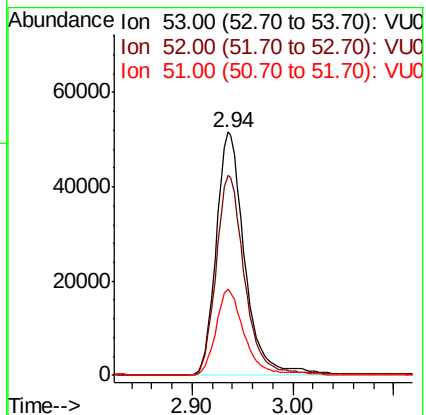
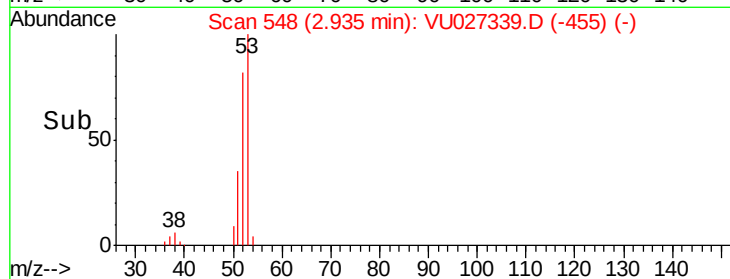
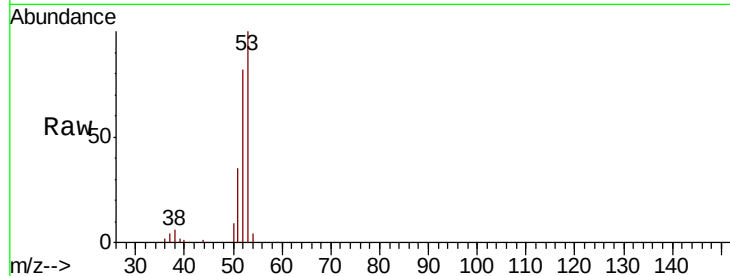
Tot Ion: 53 Resp: 101745

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

51 36.0 27.6 41.4



#16

Acetone

Concen: 94.838 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027339.D

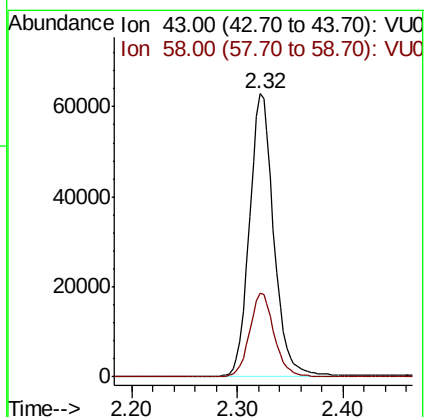
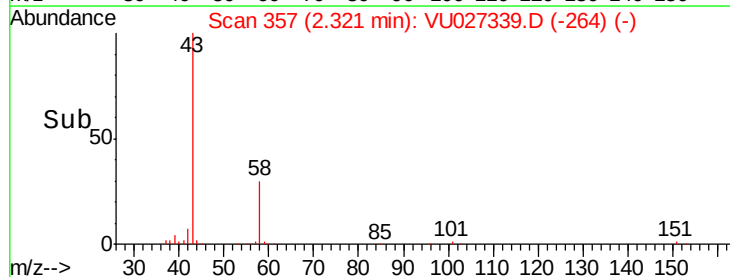
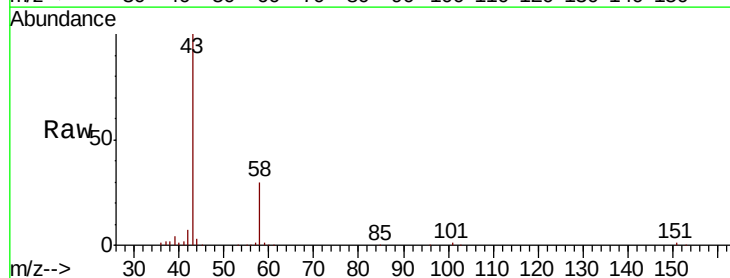
Acq: 02 Oct 2018 11:04

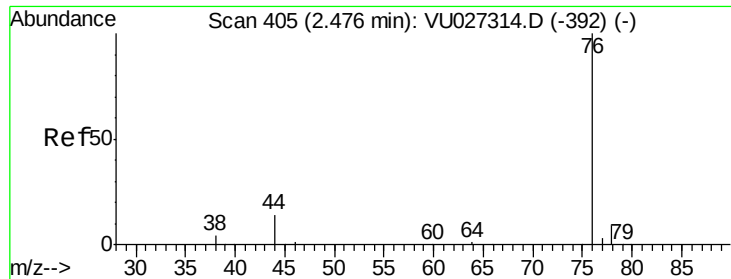
Tgt Ion: 43 Resp: 100412

Ion Ratio Lower Upper

43 100

58 29.7 24.2 36.4





#17

Carbon Disulfide

Concen: 18.718 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

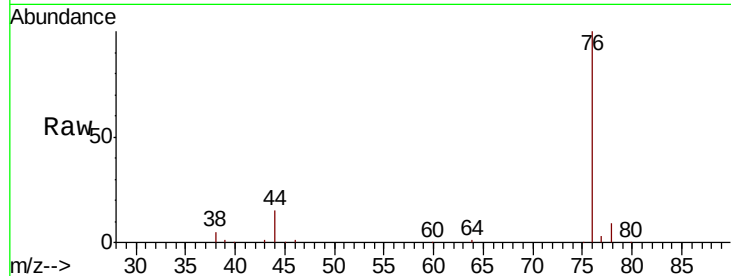
VU1002WBSD01

Tot Ion: 76 Resp: 76535

Ion Ratio Lower Upper

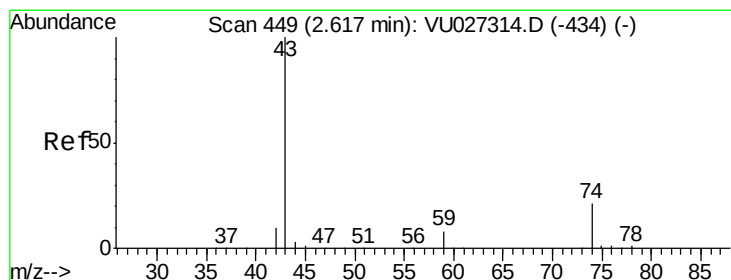
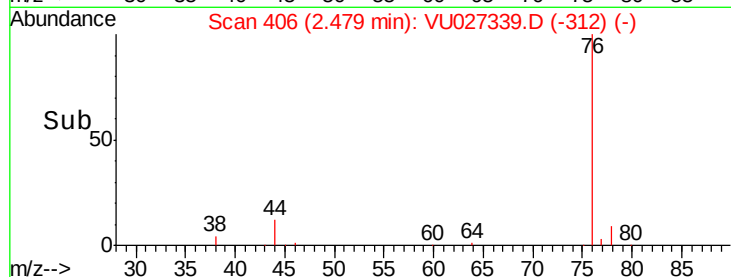
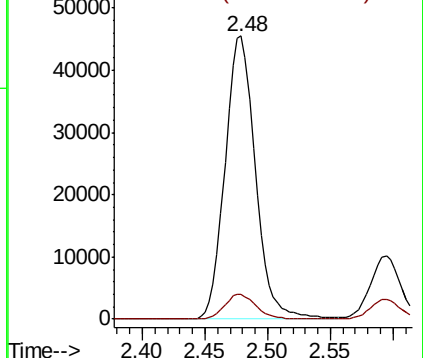
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 20.828 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027339.D

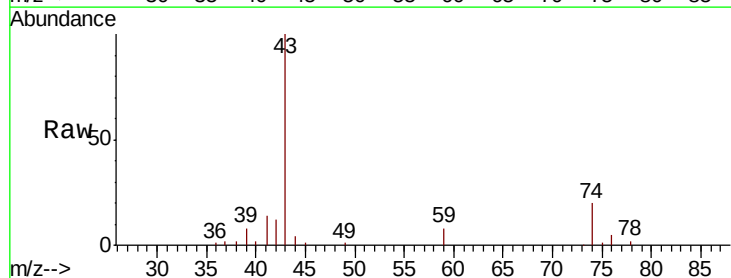
Acq: 02 Oct 2018 11:04

Tgt Ion: 43 Resp: 50306

Ion Ratio Lower Upper

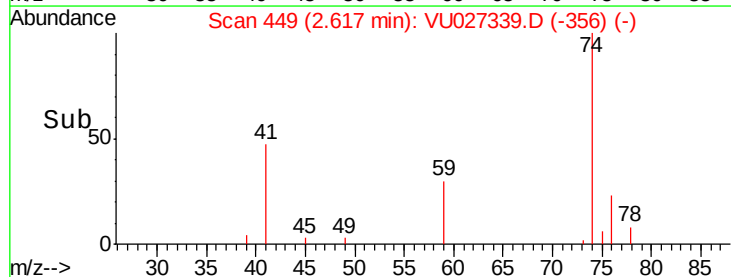
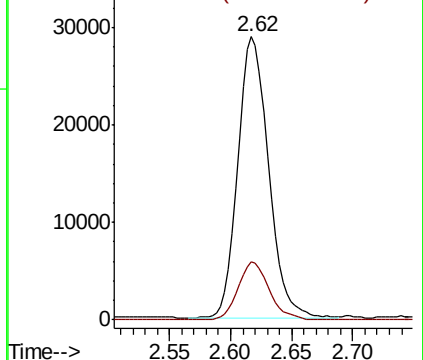
43 100

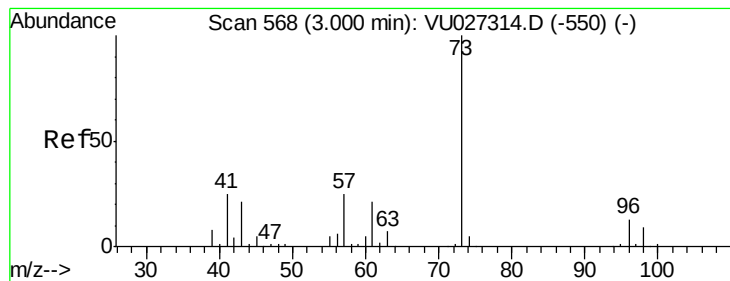
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



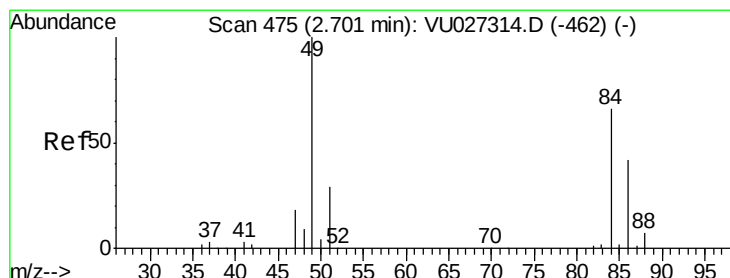
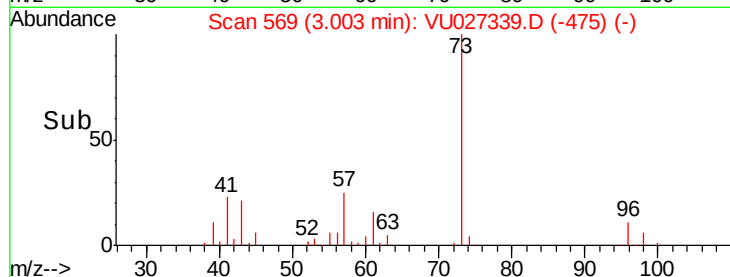
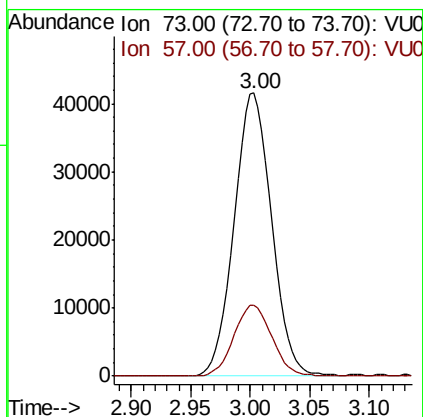
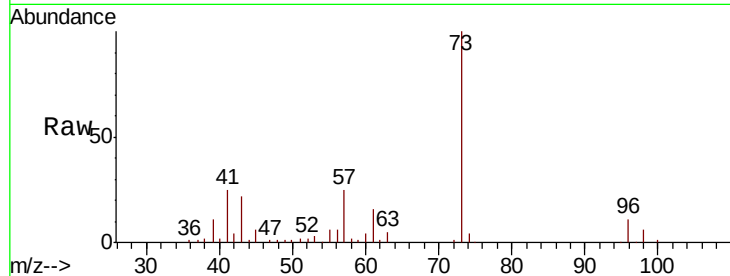


#19

Methyl tert-butyl Ether
 Concen: 19.993 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

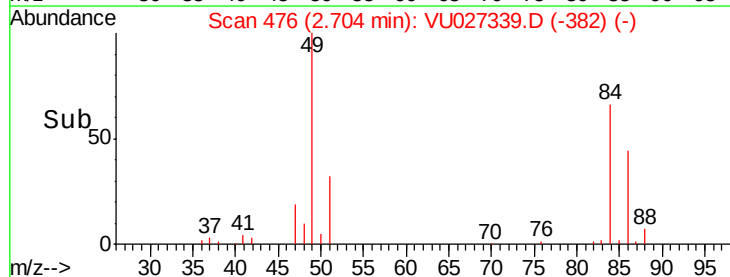
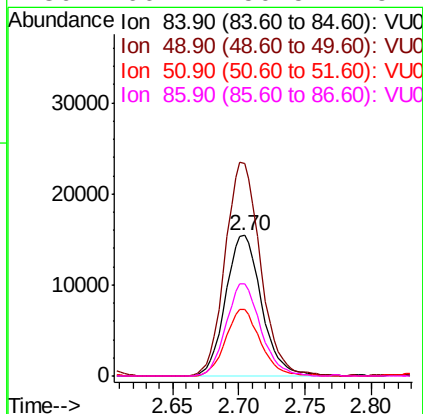
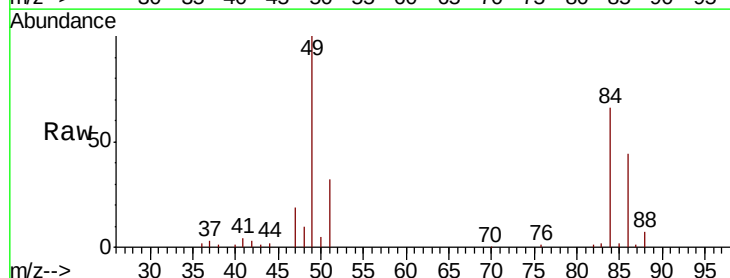
Tot Ion: 73 Resp: 90822
 Ion Ratio Lower Upper
 73 100
 57 25.3 20.0 30.0

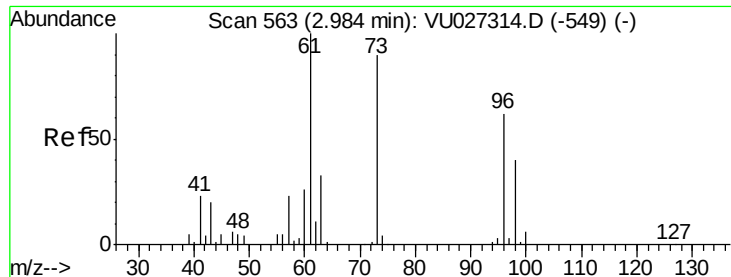


#20

Methylene Chloride
 Concen: 19.731 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 84 Resp: 29100
 Ion Ratio Lower Upper
 84 100
 49 151.3 120.5 180.7
 51 47.9 35.1 52.7
 86 66.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.909 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

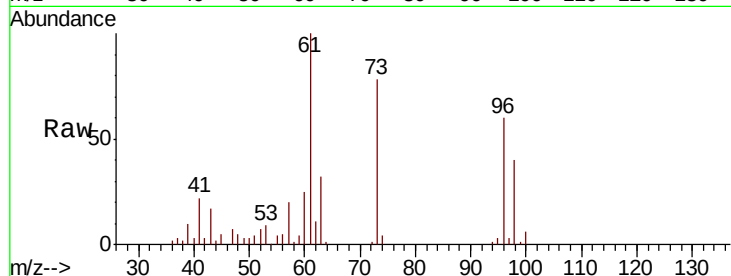
Tot Ion: 96 Resp: 25341

Ion Ratio Lower Upper

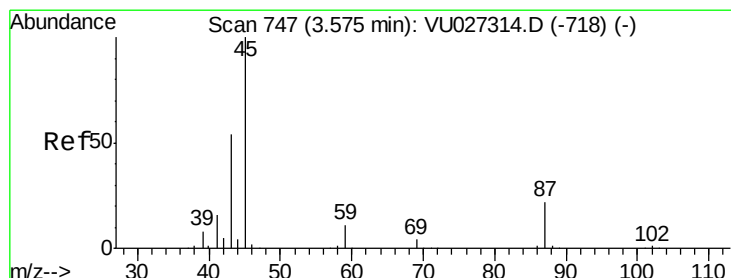
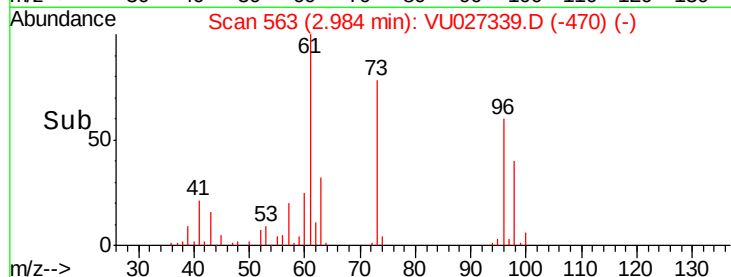
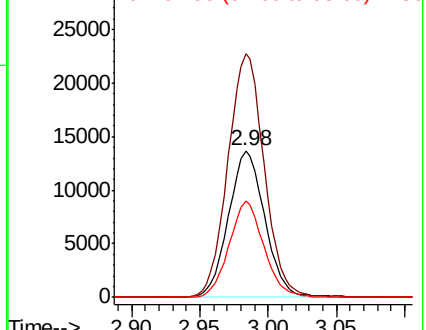
96 100

61 165.9 129.4 194.2

98 65.6 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: 20.647 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Tgt Ion: 45 Resp: 112980

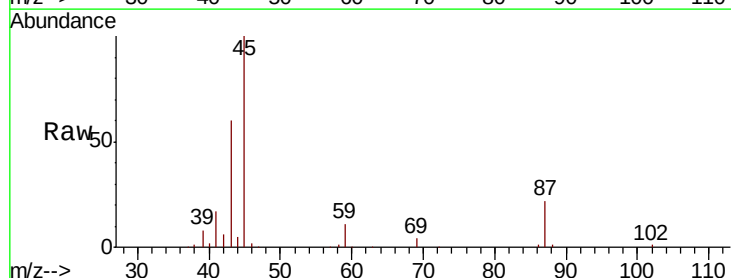
Ion Ratio Lower Upper

45 100

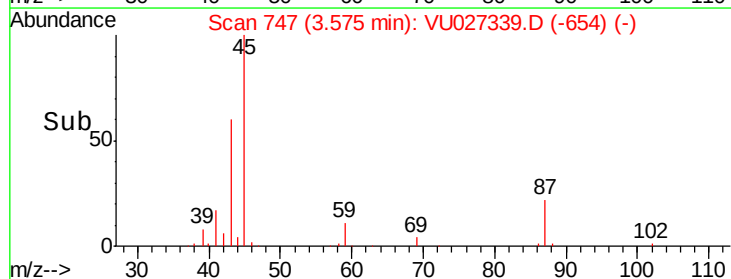
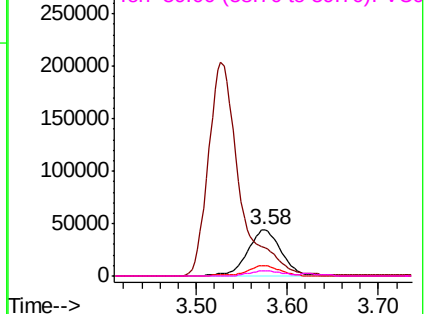
43 57.2 43.4 65.2

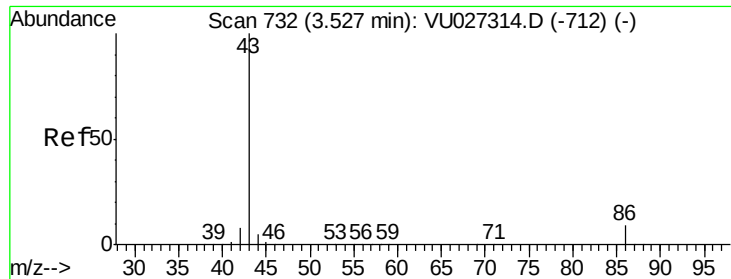
87 22.2 17.5 26.3

59 11.4 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: 102.269 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

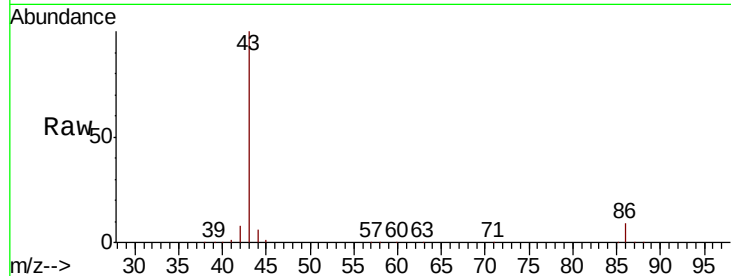
VU1002WBSD01

Tot Ion: 43 Resp: 488715

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

200000

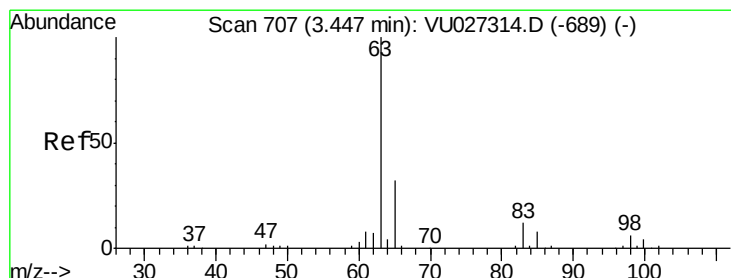
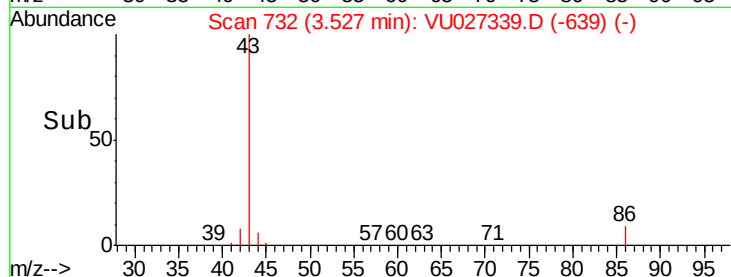
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.663 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

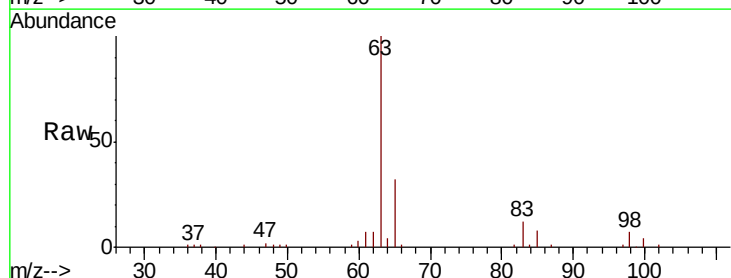
Tgt Ion: 63 Resp: 58126

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

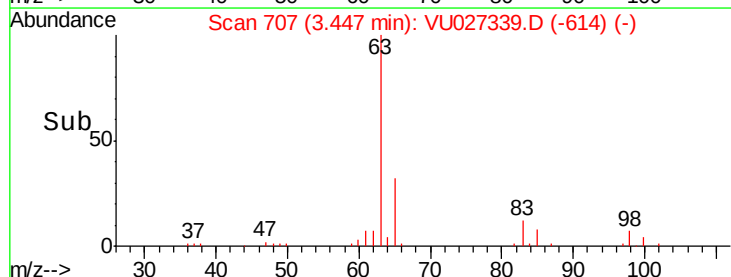
30000

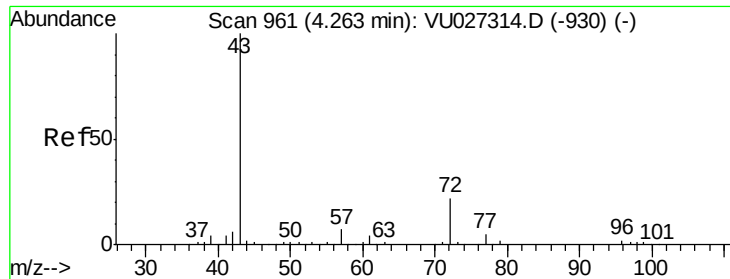
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.662 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

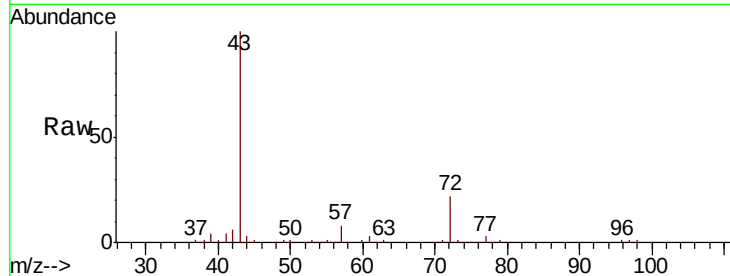
VU1002WBSD01

Tot Ion: 43 Resp: 149668

Ion Ratio Lower Upper

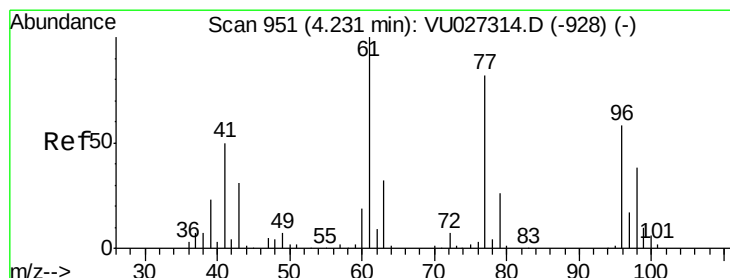
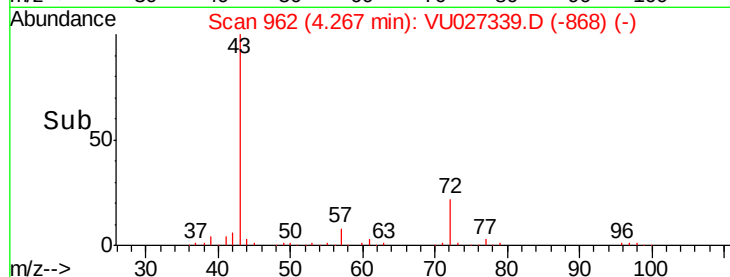
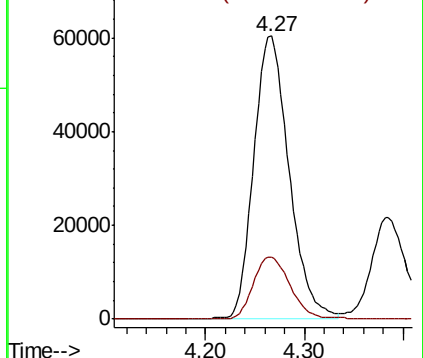
43 100

72 22.1 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: 19.499 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027339.D

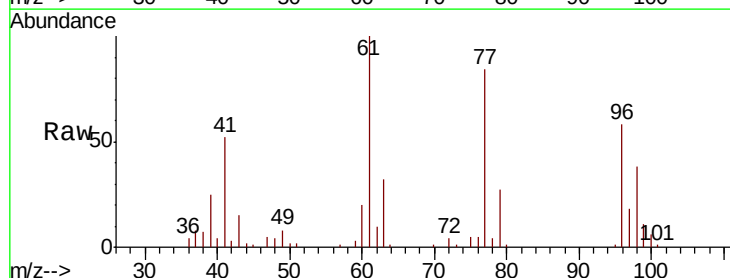
Acq: 02 Oct 2018 11:04

Tgt Ion: 77 Resp: 45071

Ion Ratio Lower Upper

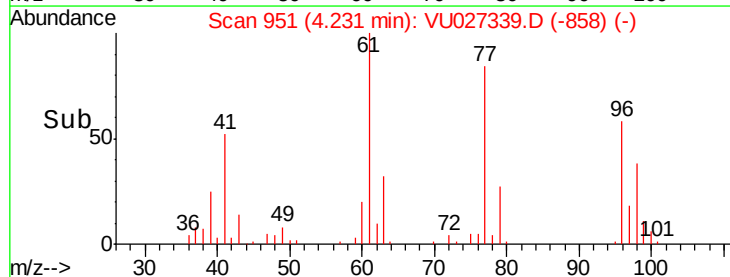
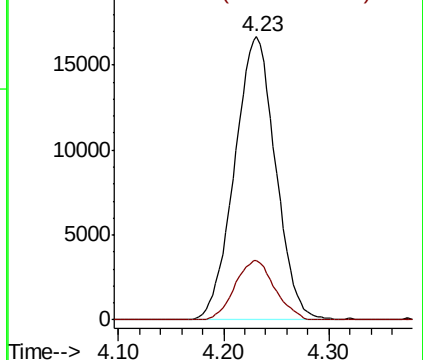
77 100

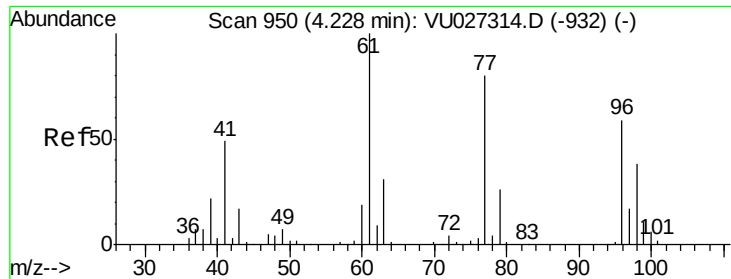
97 20.4 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



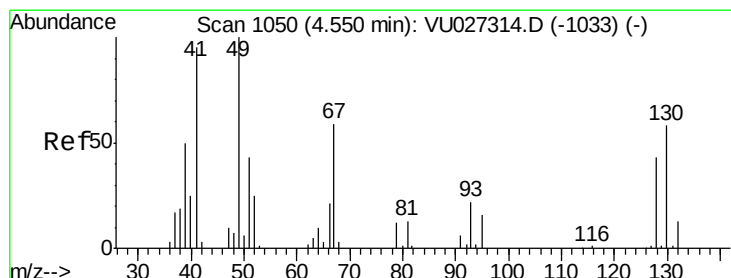
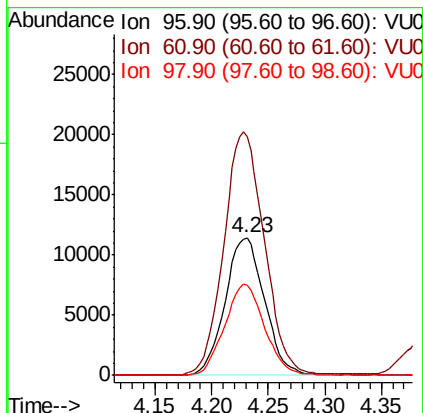
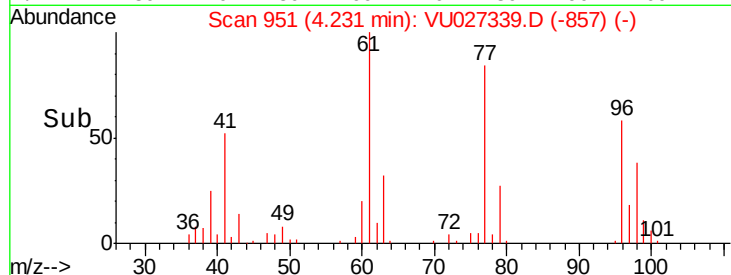
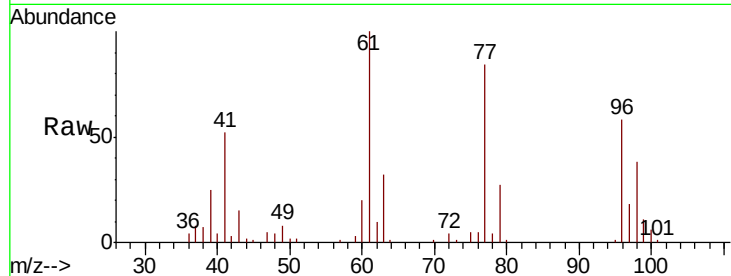


#27

cis-1,2-Dichloroethene
 Concen: 19.095 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

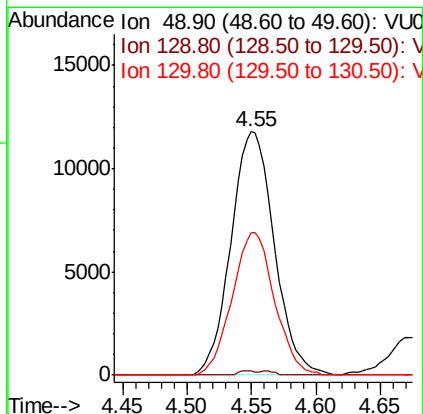
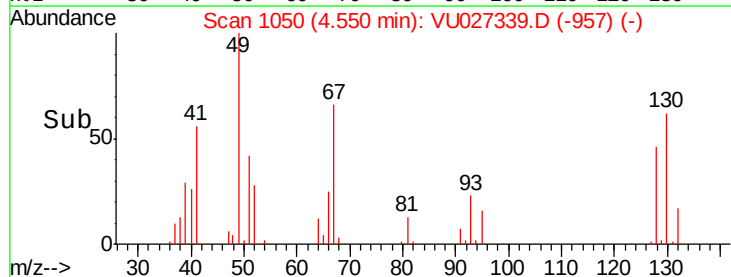
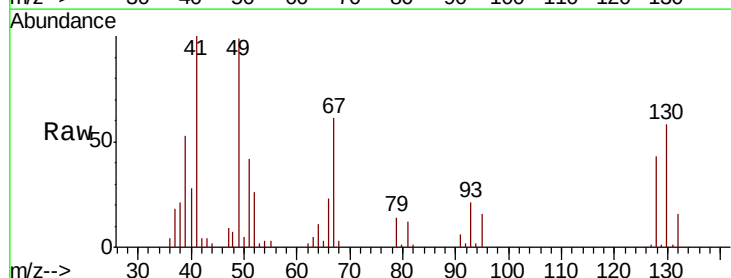
Tot Ion: 96 Resp: 27795
 Ion Ratio Lower Upper
 96 100
 61 181.8 0.0 343.8
 98 66.8 0.0 129.0

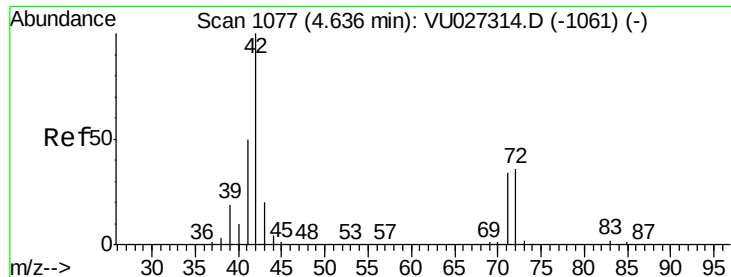


#28

Bromochloromethane
 Concen: 20.268 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 49 Resp: 27507
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.0
 130 57.1 46.1 69.1

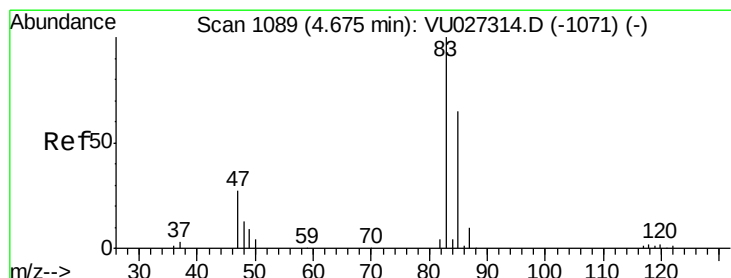
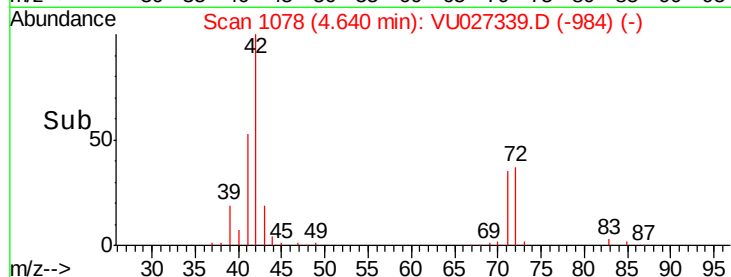
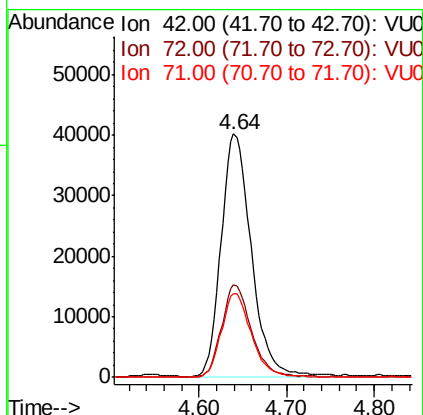
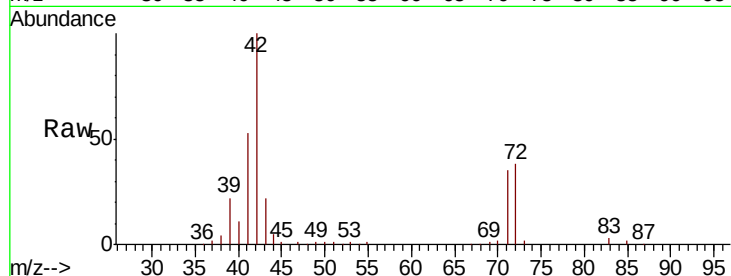




#29
Tetrahydrofuran
Concen: 106.012 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

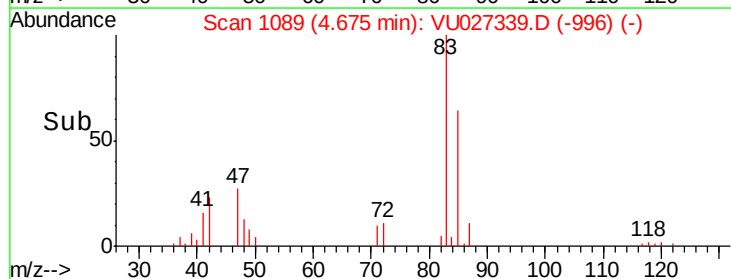
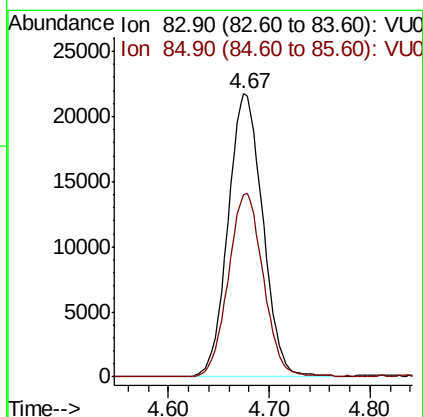
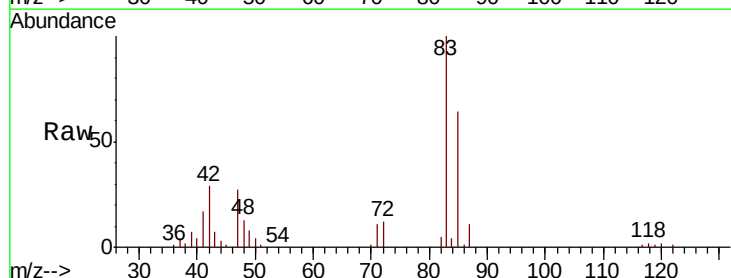
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

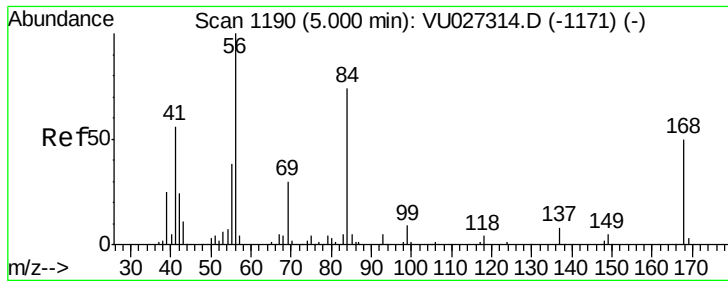
Tot Ion: 42 Resp: 96461
Ion Ratio Lower Upper
42 100
72 37.4 30.1 45.1
71 34.4 27.7 41.5



#30
Chloroform
Concen: 20.788 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 83 Resp: 51956
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6

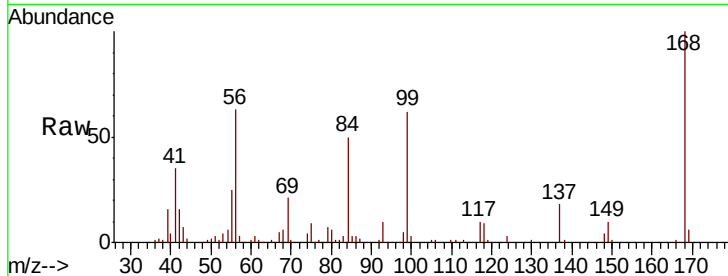




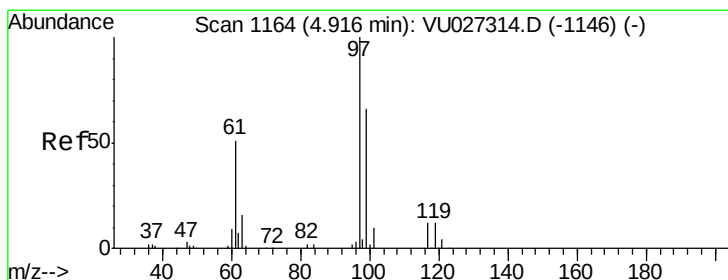
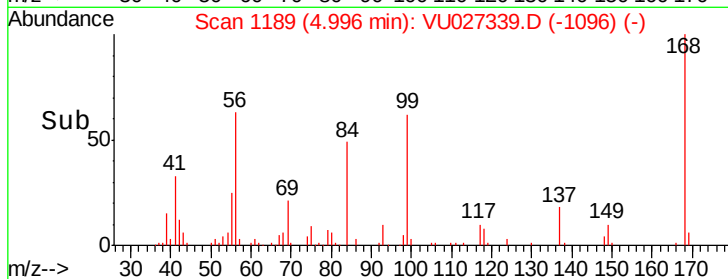
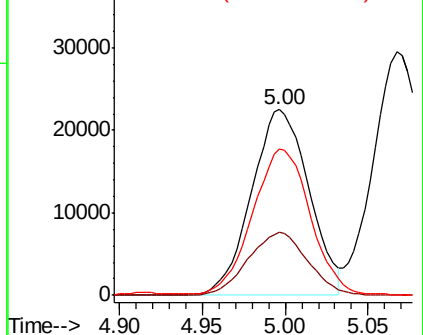
#31
Cyclohexane
Concen: 18.752 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

Tot Ion: 56 Resp: 54329
Ion Ratio Lower Upper
56 100
69 34.0 24.1 36.1
84 78.0 59.1 88.7

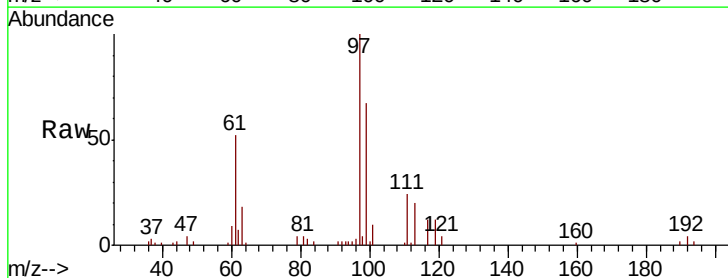


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

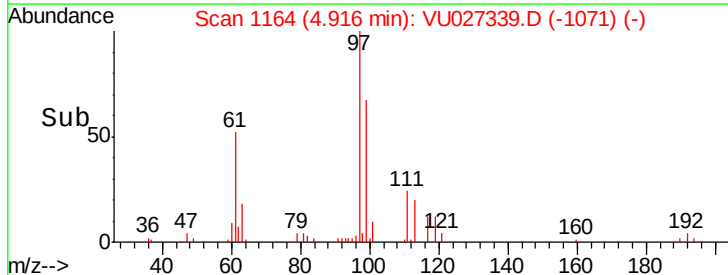
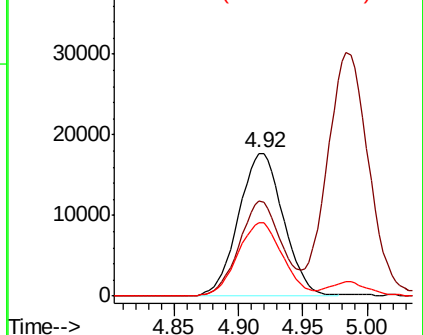


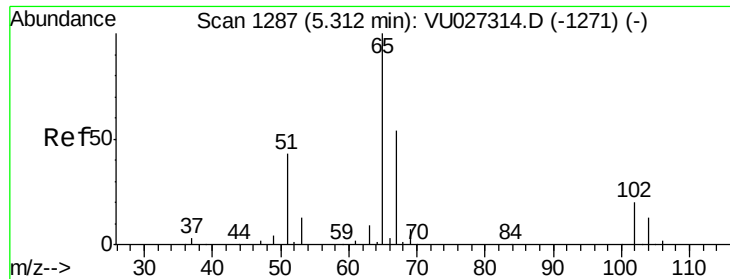
#32
1,1,1-Trichloroethane
Concen: 20.398 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 97 Resp: 42937
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 51.5 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

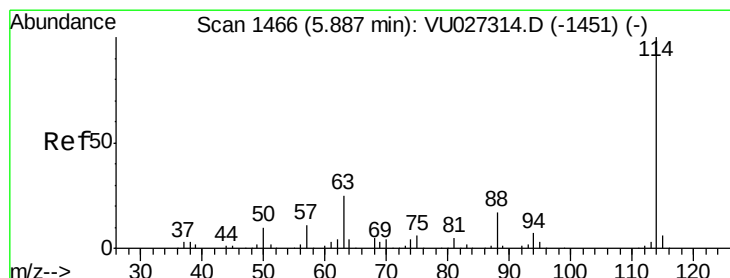
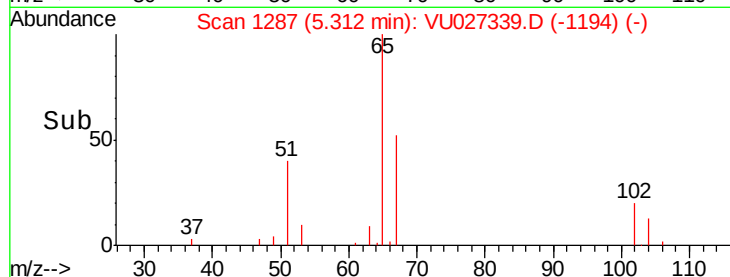
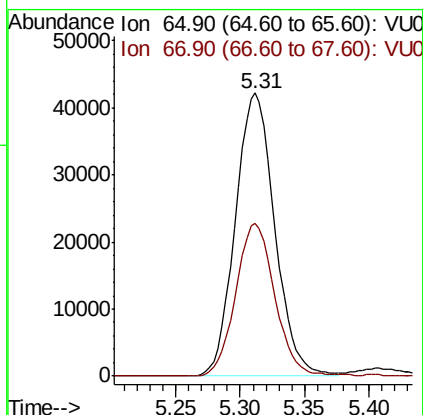
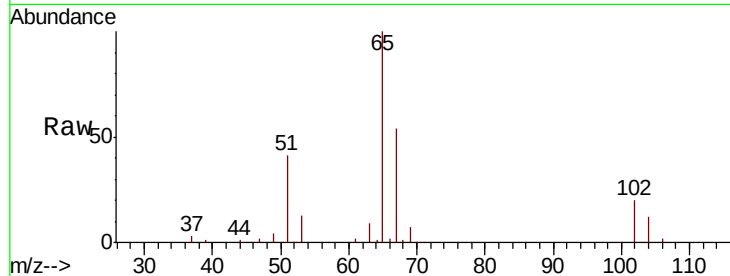




#33
 1,2-Dichloroethane-d4
 Concen: 50.060 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

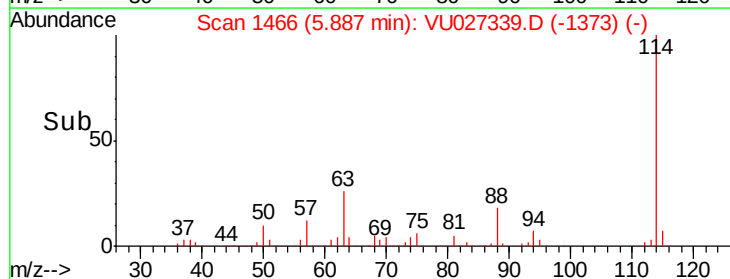
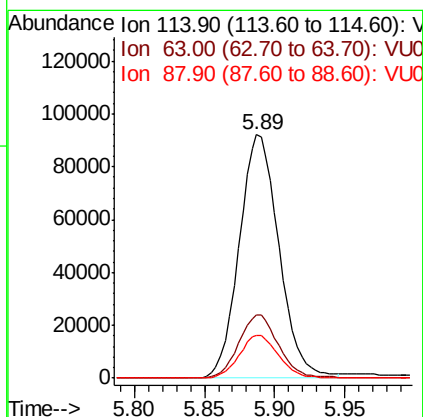
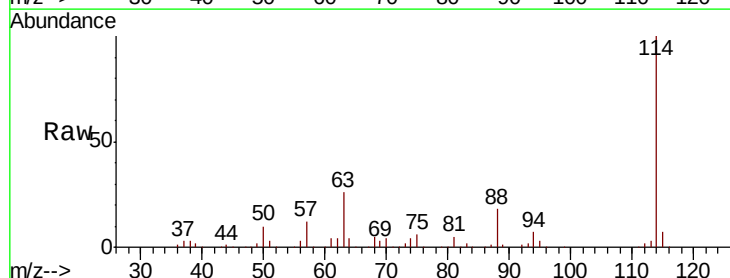
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

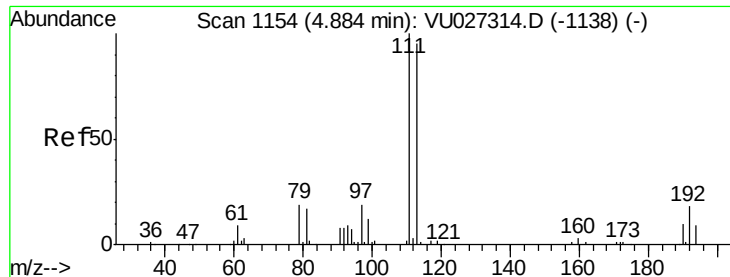
Tot Ion: 65 Resp: 89718
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 114 Resp: 181912
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 50.2
 88 17.8 0.0 33.8

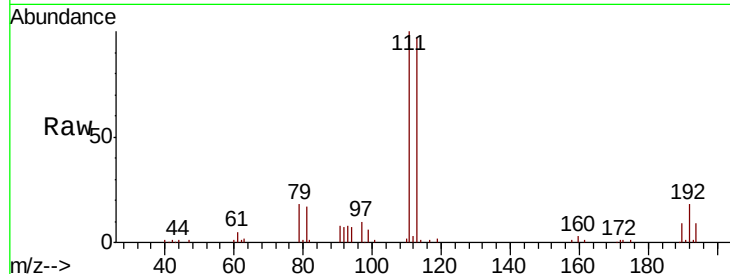




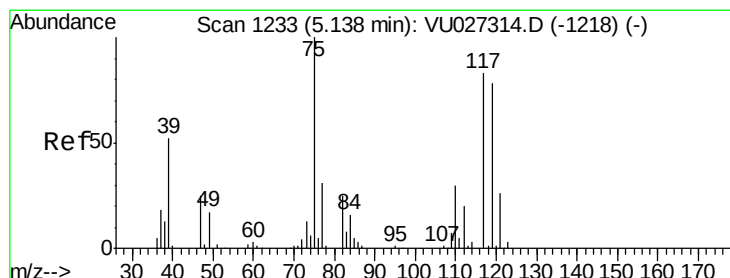
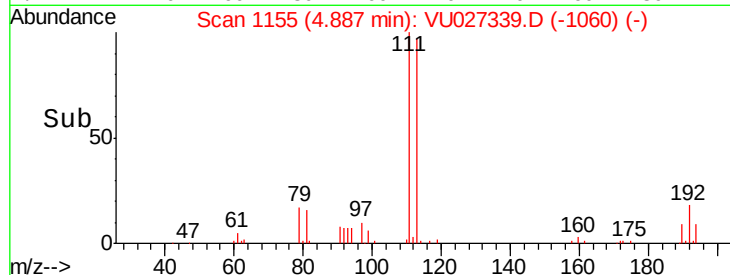
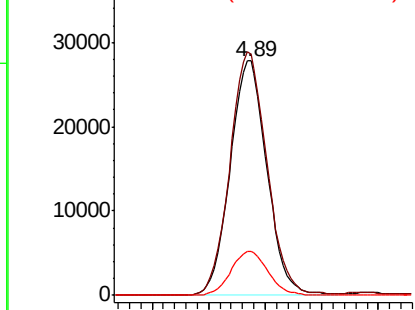
#35
 Dibromofluoromethane
 Concen: 50.493 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

Tot Ion:113 Resp: 62949
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.1 124.7
 192 18.8 15.4 23.0

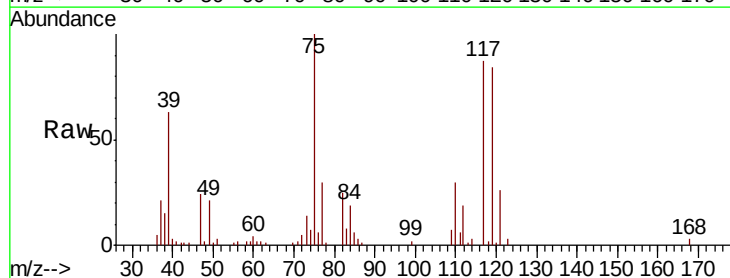


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

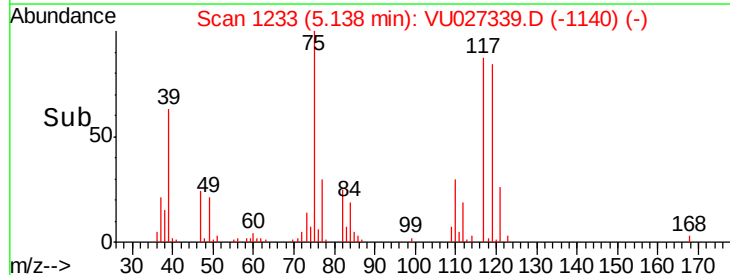
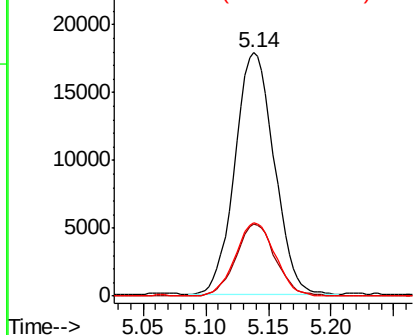


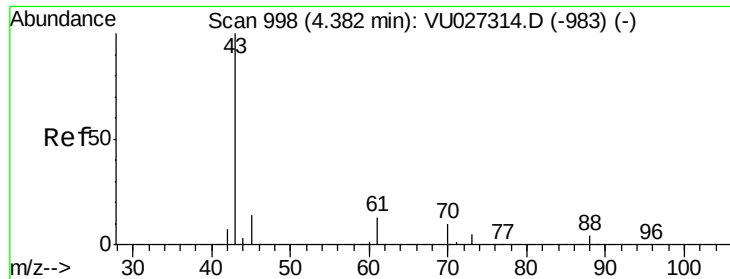
#36
 1,1-Dichloropropene
 Concen: 19.582 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 75 Resp: 38677
 Ion Ratio Lower Upper
 75 100
 110 30.1 15.5 46.5
 77 30.8 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

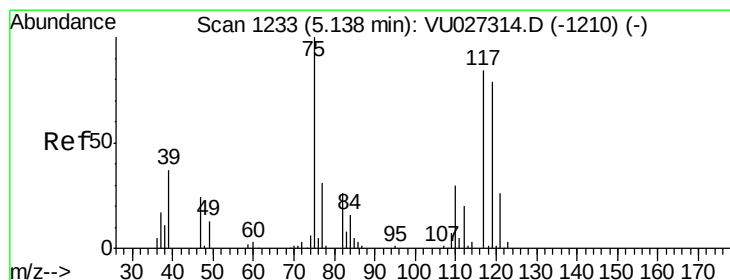
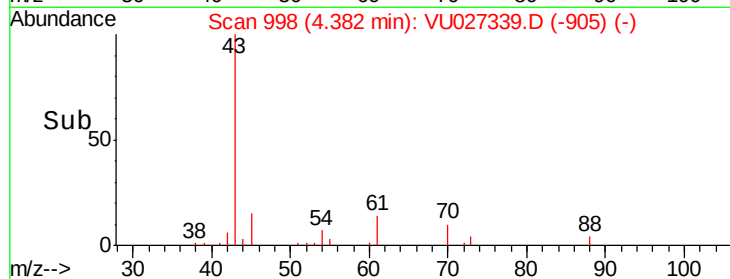
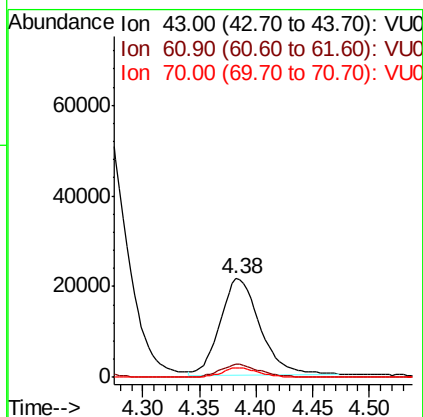
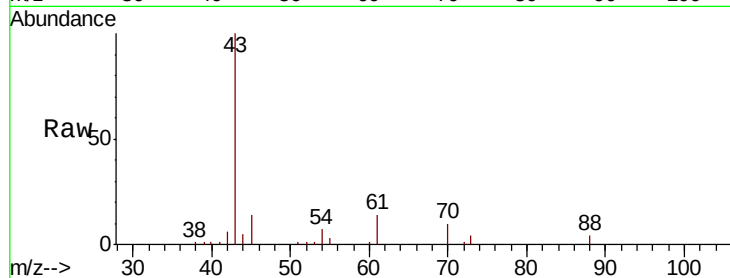




#37
Ethyl Acetate
Concen: 20.392 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

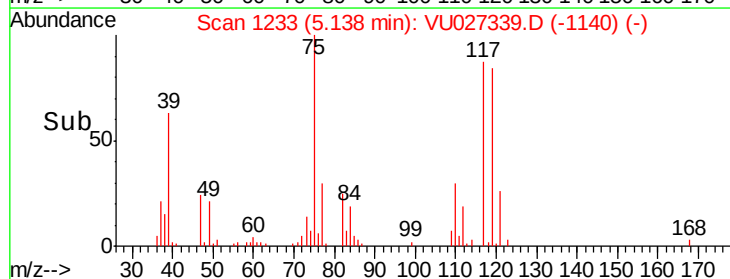
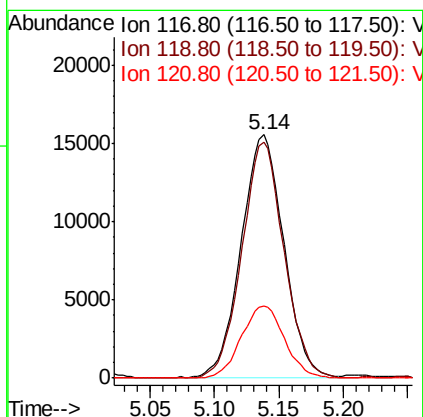
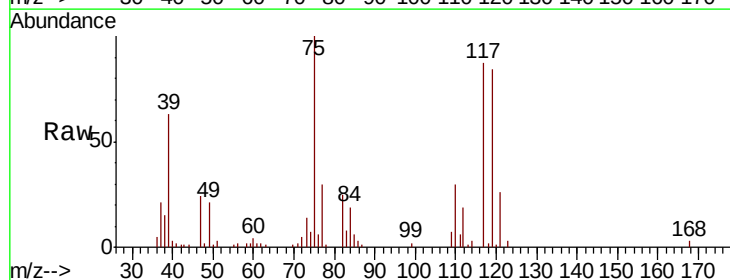
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

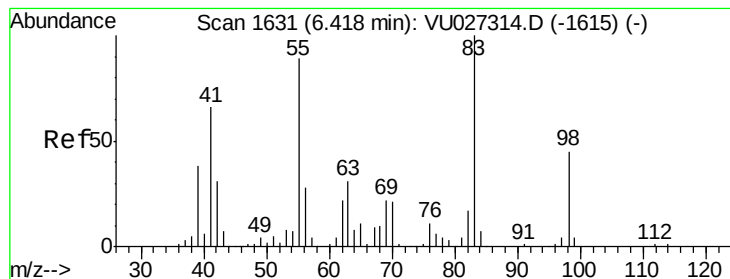
Tot Ion: 43 Resp: 52054
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 9.0 7.4 11.2



#38
Carbon Tetrachloride
Concen: 20.136 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 117 Resp: 35927
Ion Ratio Lower Upper
117 100
119 97.1 74.5 111.7
121 29.7 24.6 37.0

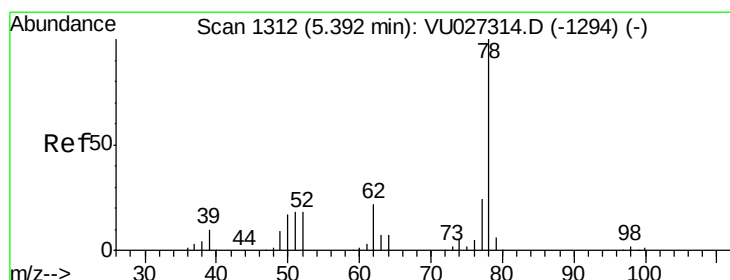
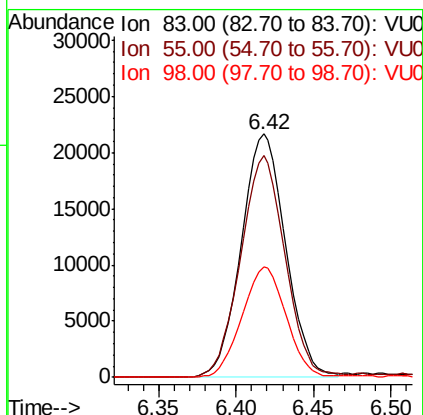
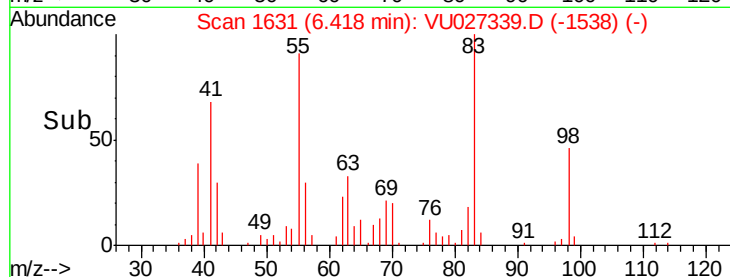
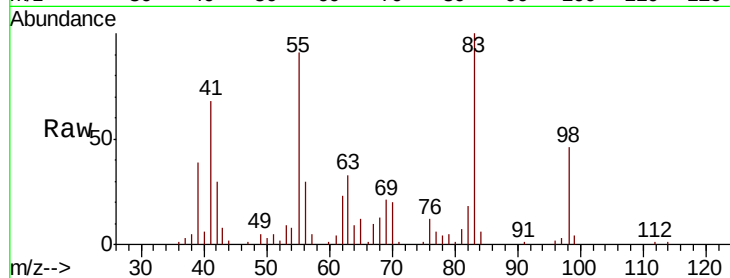




#39
Methylvlcyclohexane
Concen: 18.743 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

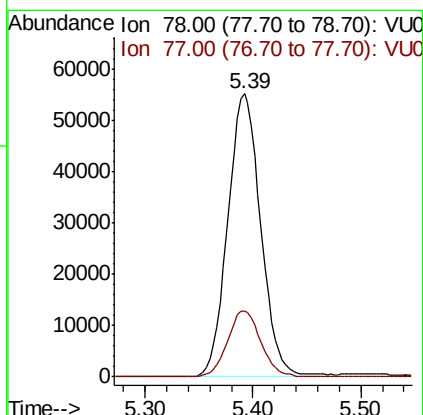
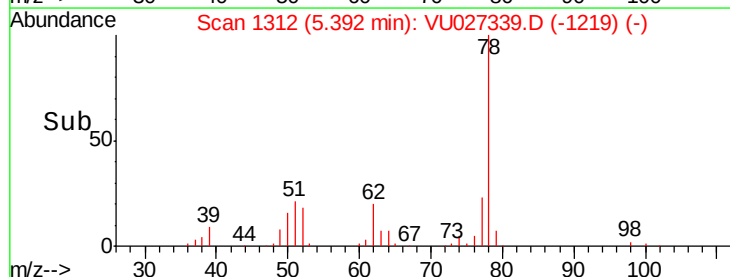
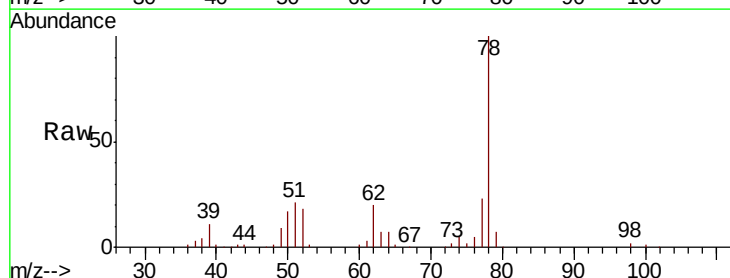
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

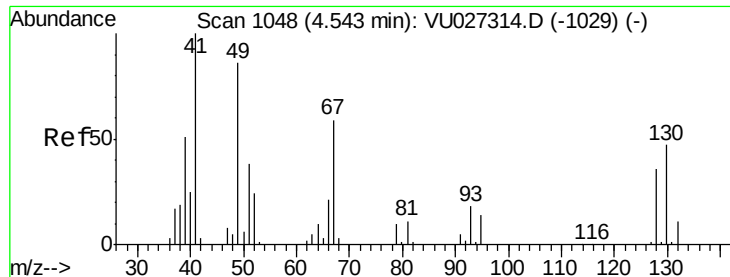
Tot Ion: 83 Resp: 43274
Ion Ratio Lower Upper
83 100
55 91.0 71.1 106.7
98 45.6 36.3 54.5



#40
Benzene
Concen: 20.499 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 78 Resp: 117937
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

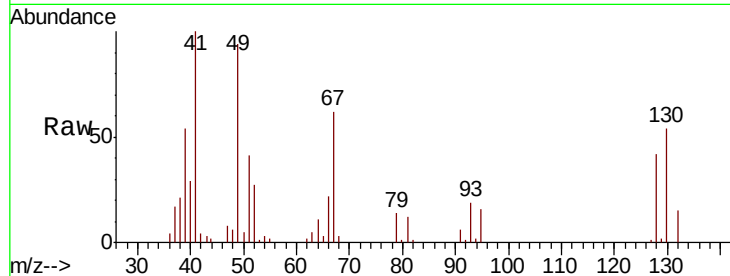




#41
Methacrylonitrile
Concen: 21.053 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

Tot Ion:	41	Resp:	30375
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.1	61.7
67	60.8	50.4	75.6
52	24.4	20.3	30.5



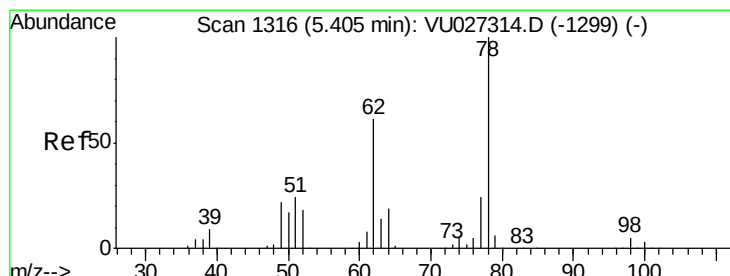
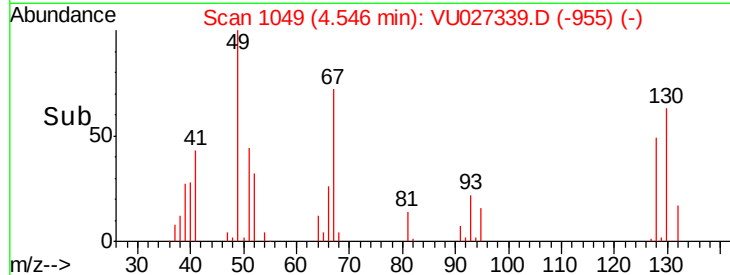
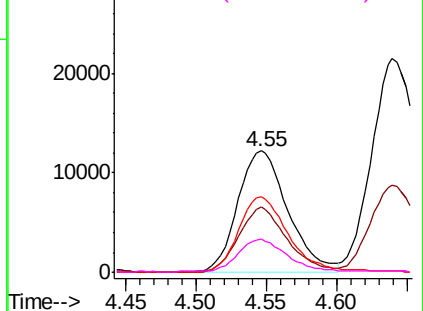
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

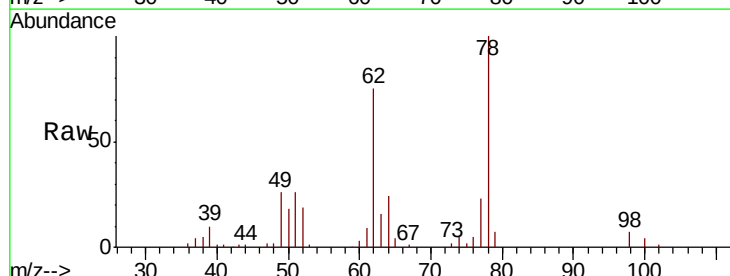
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 20.768 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

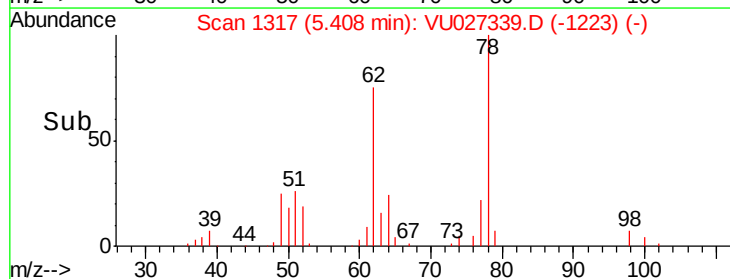
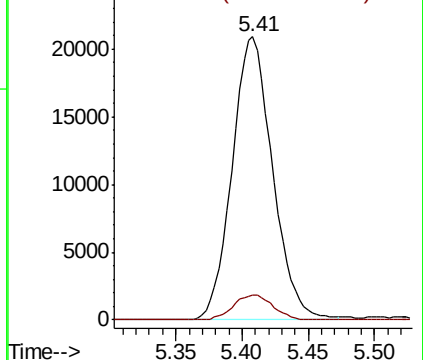
Tgt Ion:	62	Resp:	44353
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8

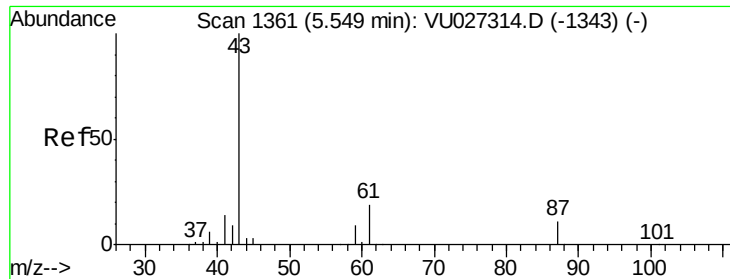


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.262 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

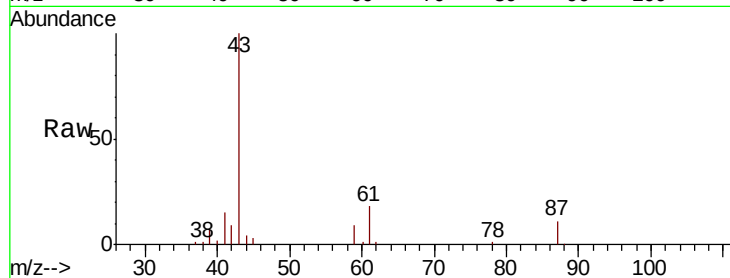
Tot Ion: 43 Resp: 80330

Ion Ratio Lower Upper

43 100

61 18.9 15.3 22.9

87 10.5 8.6 13.0

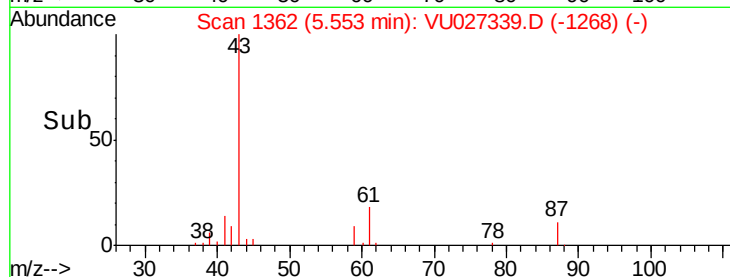


Abundance Ion 43.00 (42.70 to 43.70): VU027339.D (-1343) (-)

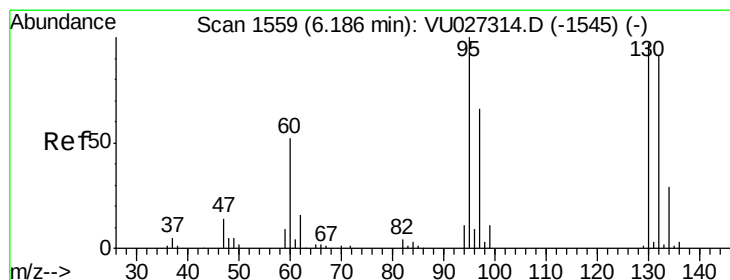
Ion 61.00 (60.70 to 61.70): VU027339.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027339.D (-1343) (-)

5.55



Time-->



#44

Trichloroethene

Concen: 19.645 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027339.D

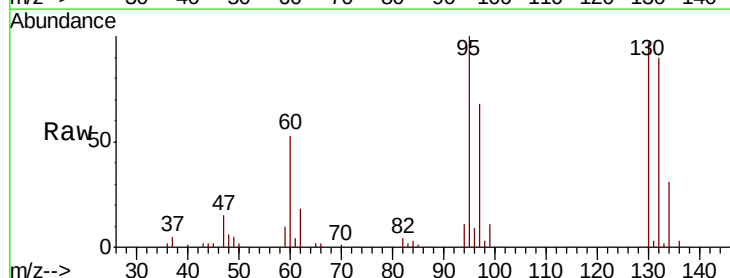
Acq: 02 Oct 2018 11:04

Tgt Ion: 130 Resp: 25203

Ion Ratio Lower Upper

130 100

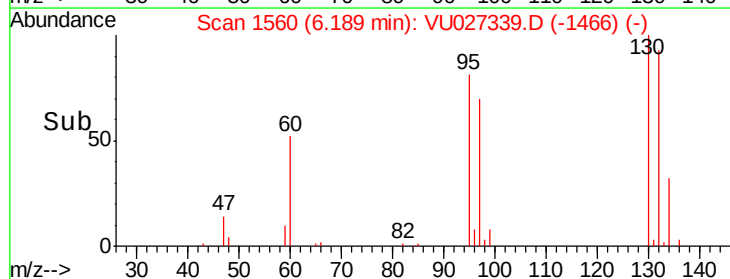
95 103.2 0.0 207.0



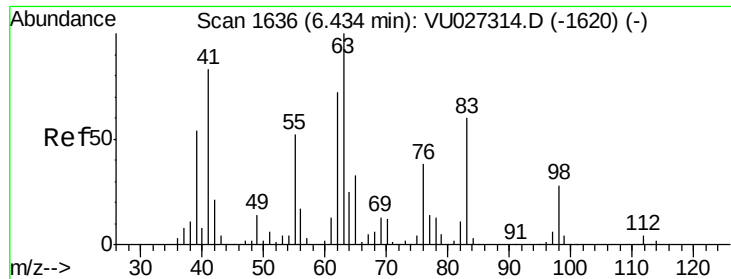
Abundance Ion 129.80 (129.50 to 130.50): VU027339.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027339.D (-1466) (-)

6.19



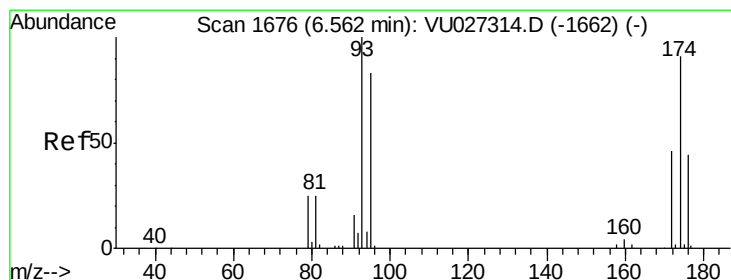
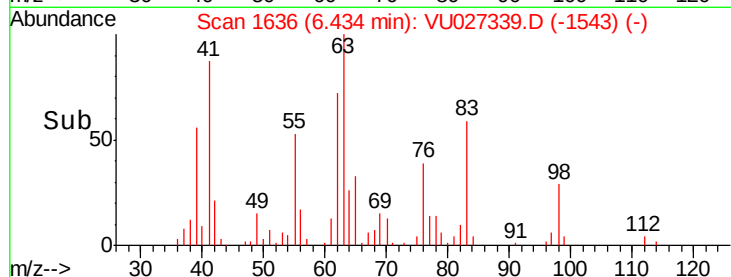
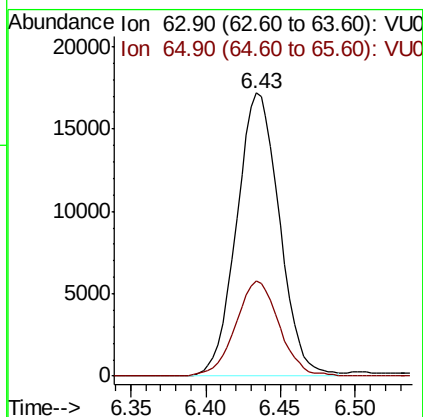
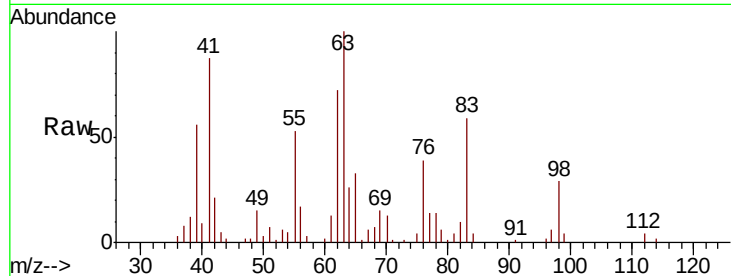
Time-->



#45
 1,2-Dichloropropane
 Concen: 20.640 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

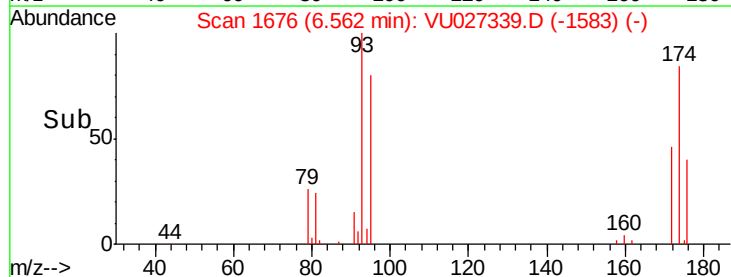
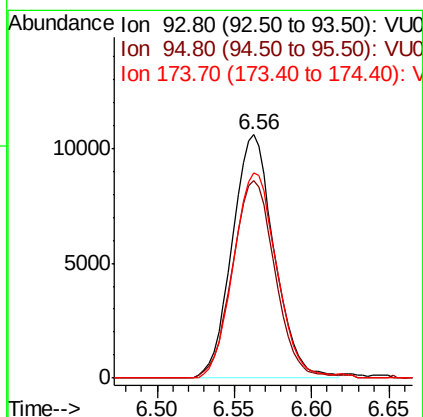
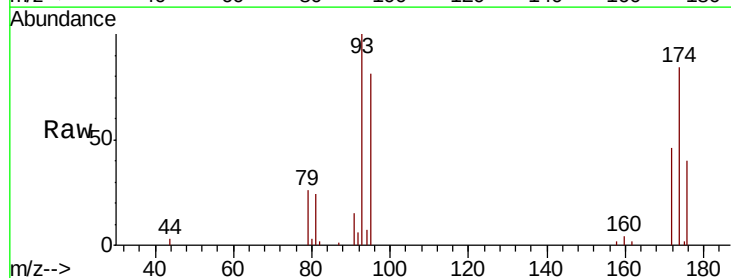
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

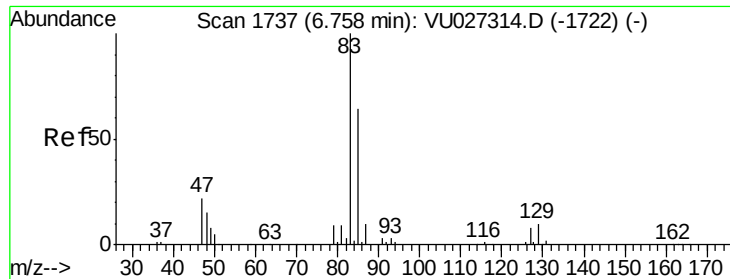
Tot Ion: 63 Resp: 34252
 Ion Ratio Lower Upper
 63 100
 65 33.5 26.0 39.0



#46
 Dibromomethane
 Concen: 21.350 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 93 Resp: 20010
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.5 99.7
 174 87.2 72.5 108.7

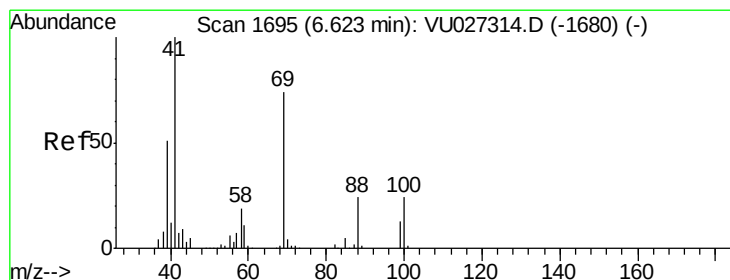
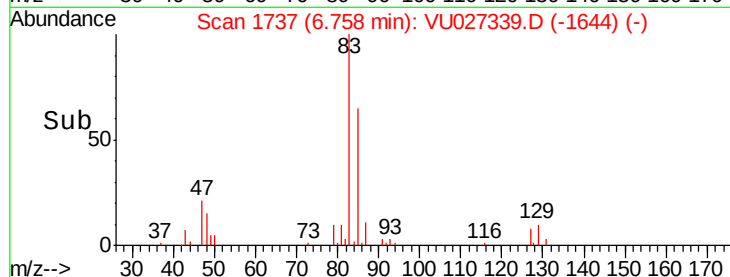
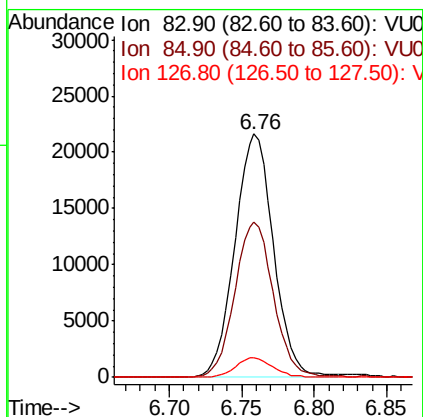
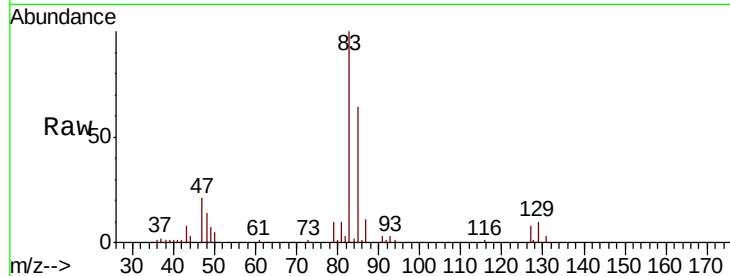




#47
Bromodichloromethane
Concen: 20.575 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

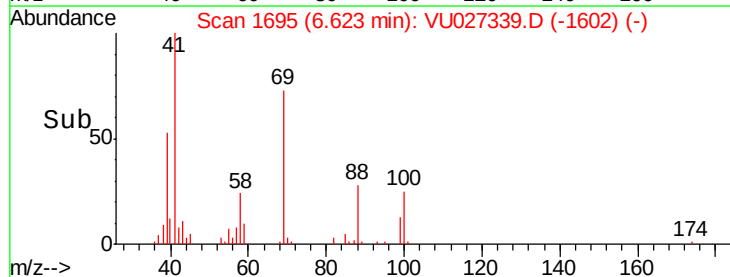
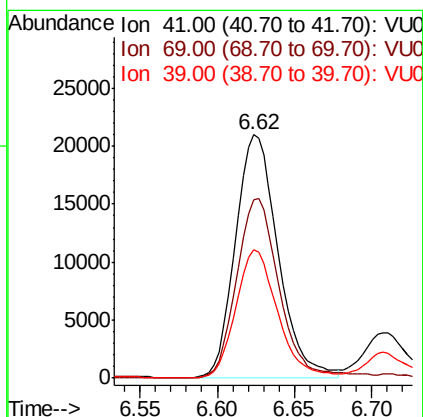
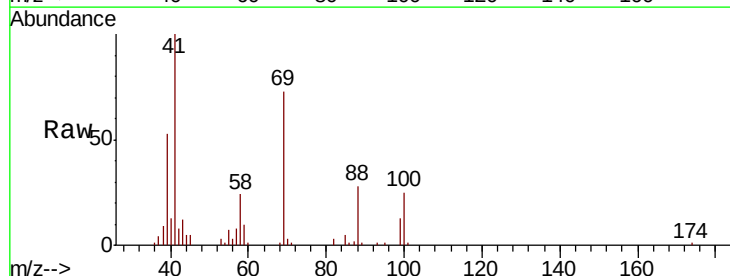
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

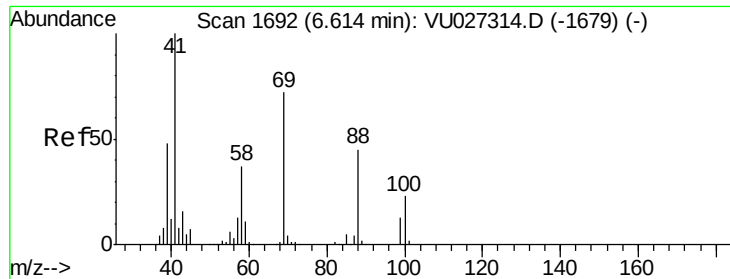
Tot Ion: 83 Resp: 40014
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 20.491 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 41 Resp: 40399
Ion Ratio Lower Upper
41 100
69 73.9 61.0 91.4
39 51.6 39.9 59.9

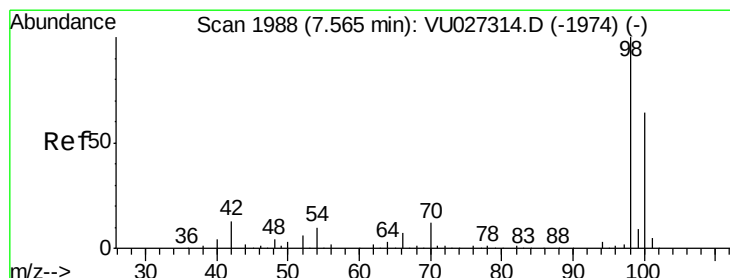
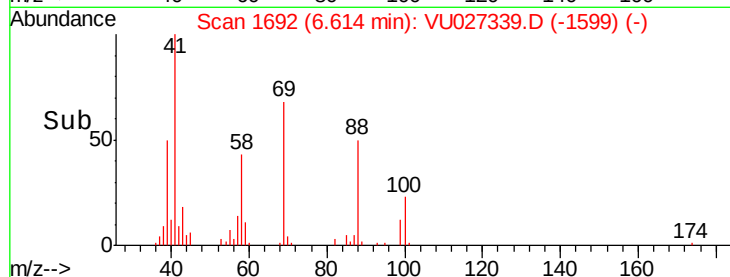
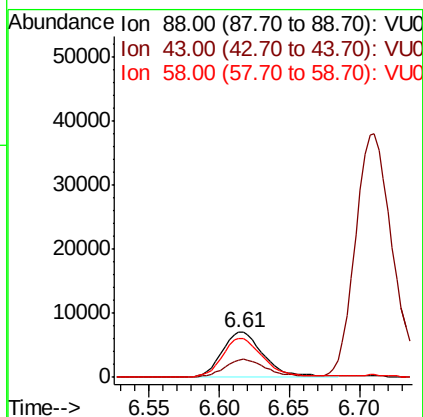
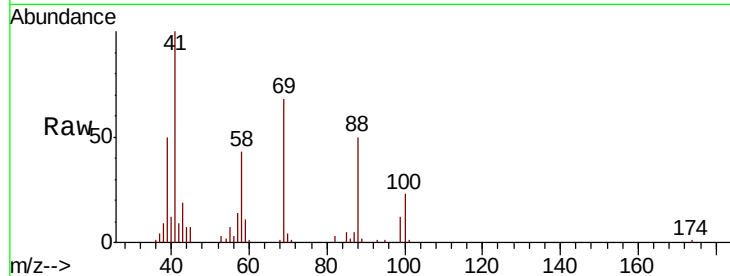




#49
1,4-Dioxane
Concen: 434.674 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

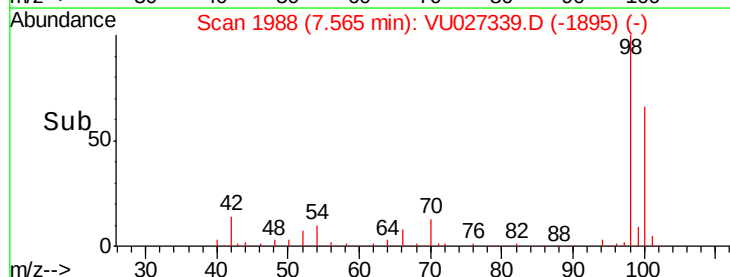
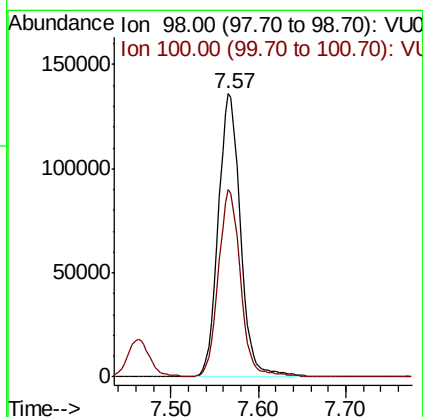
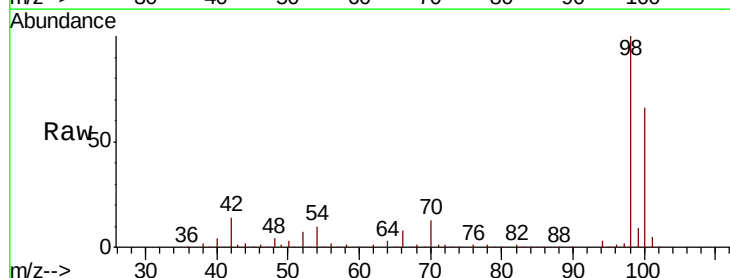
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

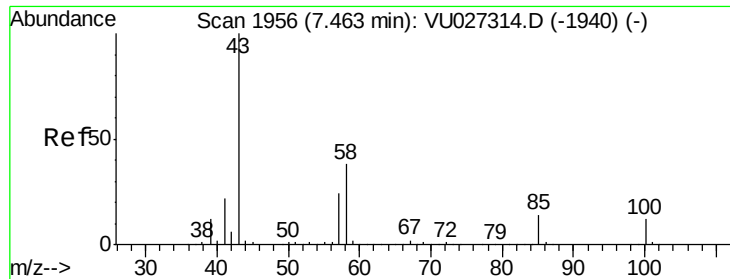
Tot Ion: 88 Resp: 14745
Ion Ratio Lower Upper
88 100
43 40.5 30.8 46.2
58 82.7 67.0 100.6



#50
Toluene-d8
Concen: 51.518 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 98 Resp: 240381
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 106.159 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

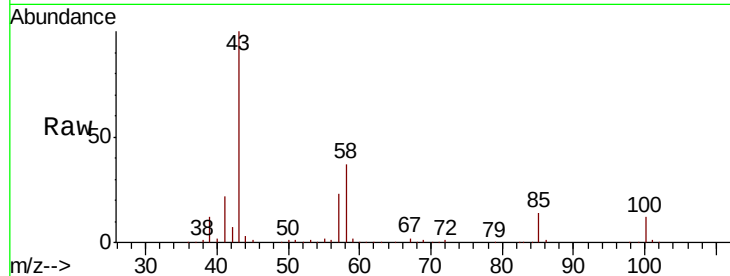
VU1002WBSD01

Tot Ion: 43 Resp: 273491

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

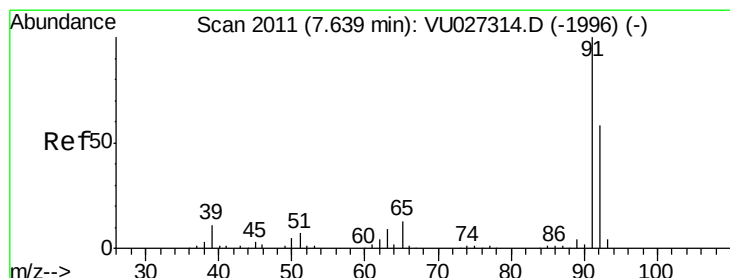
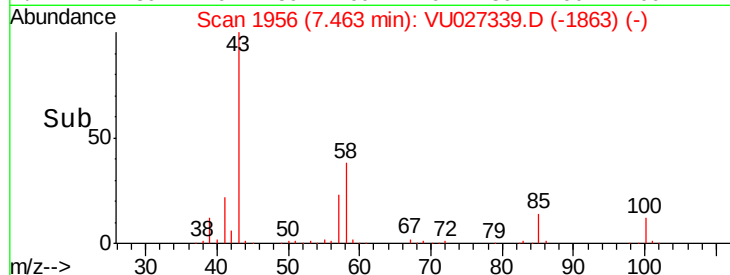
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.230 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027339.D

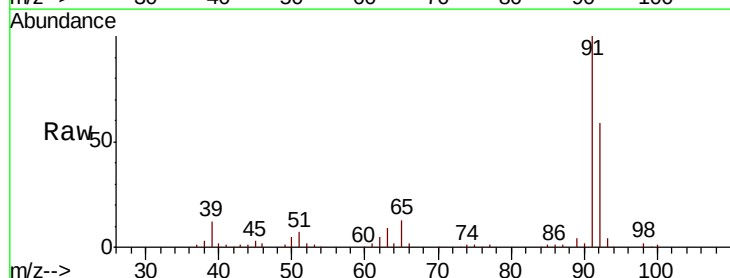
Acq: 02 Oct 2018 11:04

Tgt Ion: 92 Resp: 68892

Ion Ratio Lower Upper

92 100

91 173.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

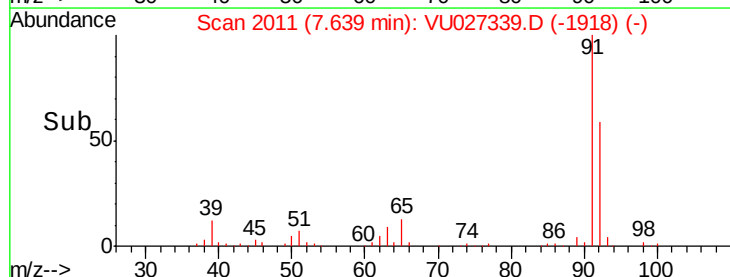
60000

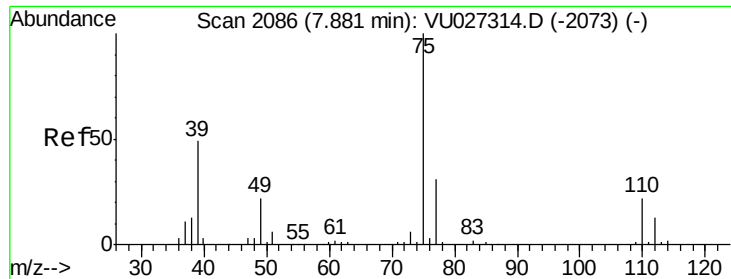
40000

20000

0

Time-->

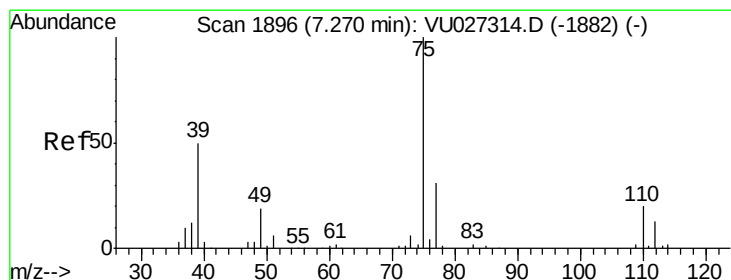
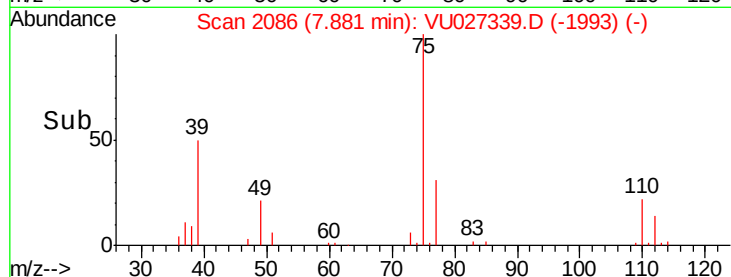
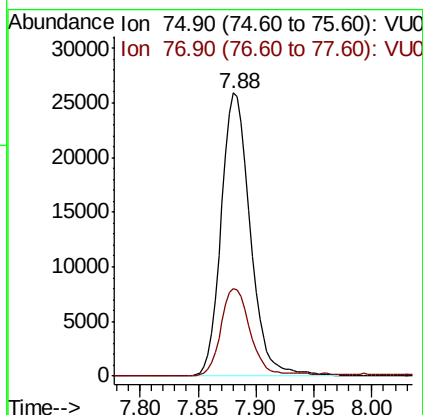
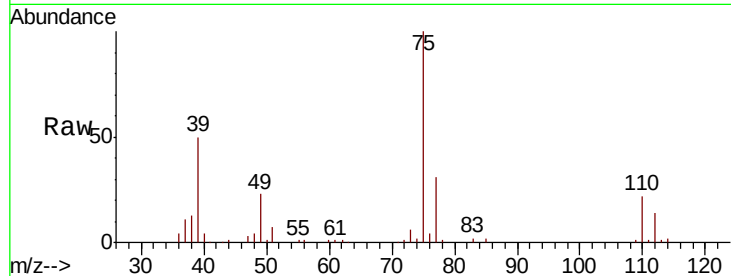




#53
 t-1,3-Dichloropropene
 Concen: 19.758 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

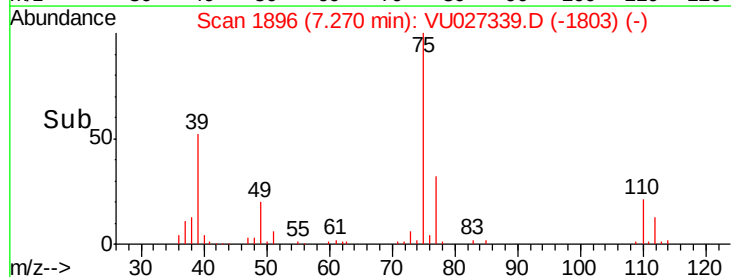
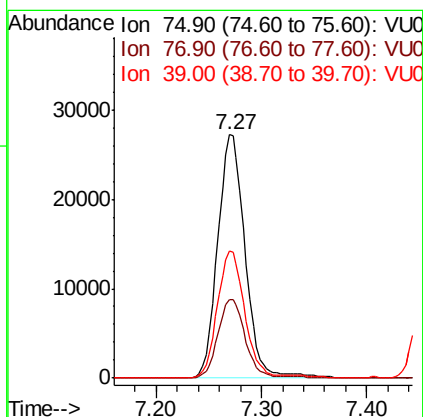
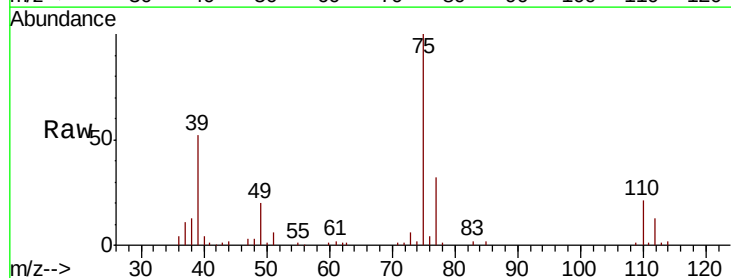
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

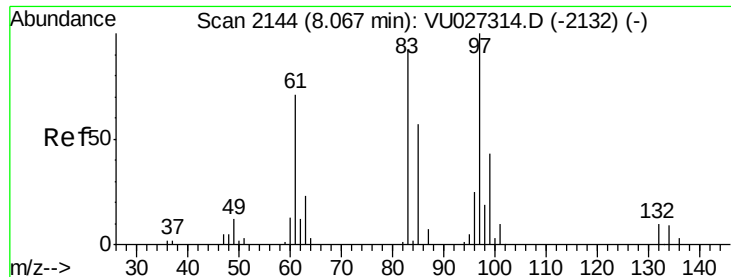
Tot Ion: 75 Resp: 45052
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.963 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 75 Resp: 48936
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.5 36.7
 39 52.1 40.1 60.1

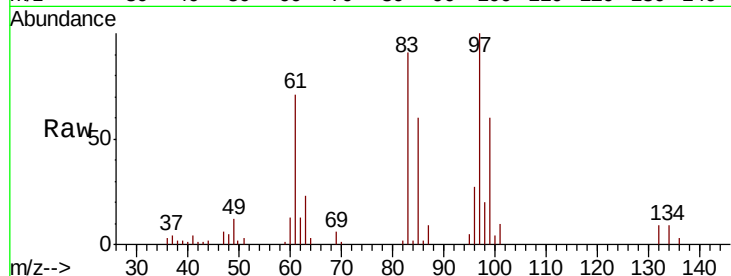




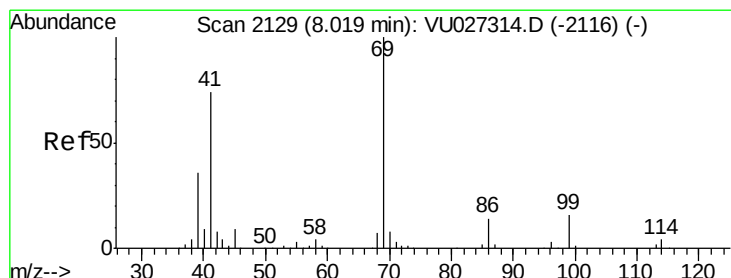
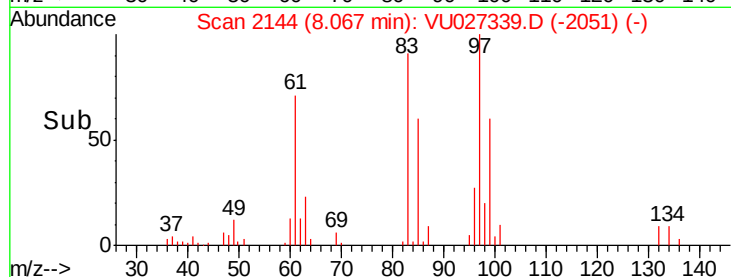
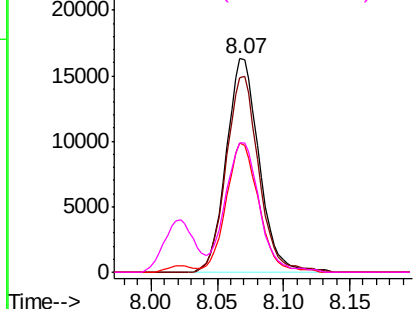
#55
 1,1,2-Trichloroethane
 Concen: 20.816 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

Tot Ion: 97 Resp: 28105
 Ion Ratio Lower Upper
 97 100
 83 91.2 73.0 109.6
 85 60.4 47.3 70.9
 99 60.3 49.7 74.5

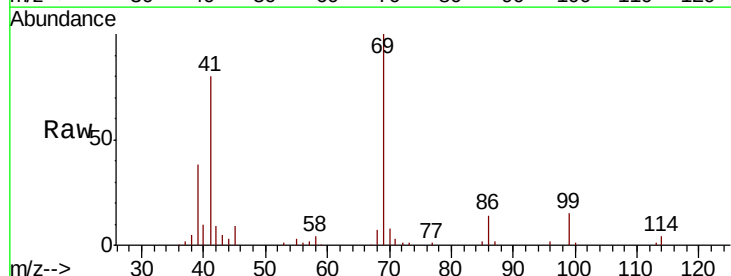


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

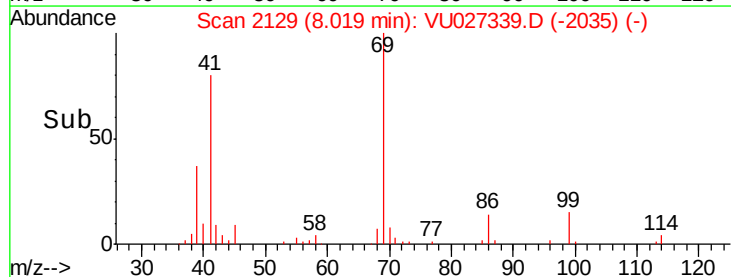
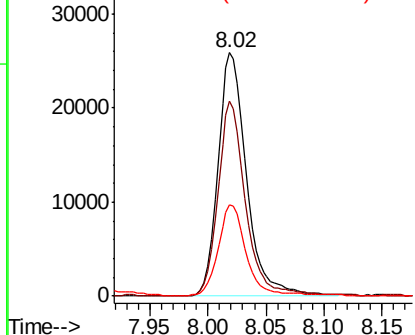


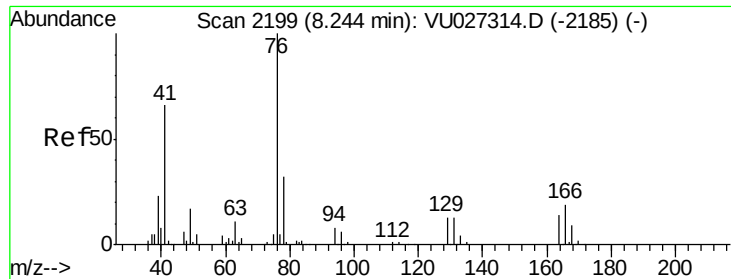
#56
 Ethyl methacrylate
 Concen: 18.693 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 69 Resp: 44480
 Ion Ratio Lower Upper
 69 100
 41 77.8 60.0 90.0
 39 37.5 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

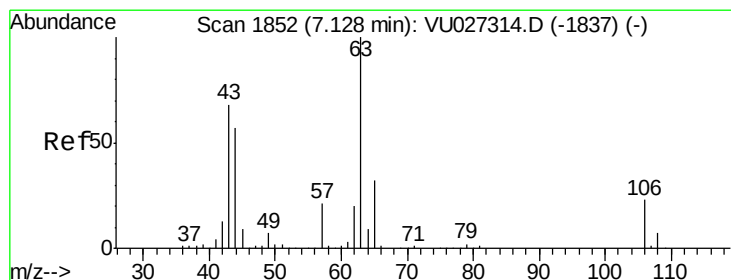
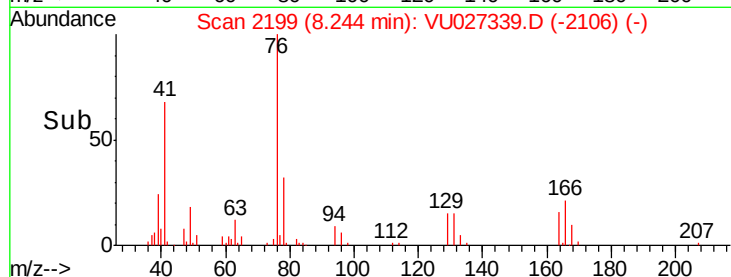
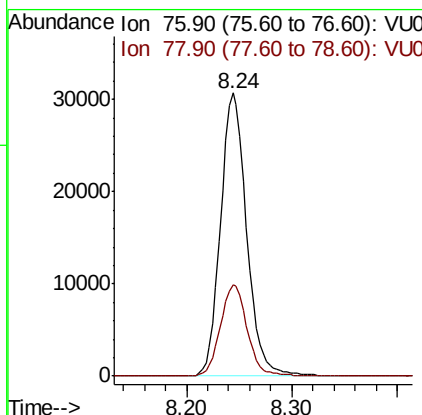
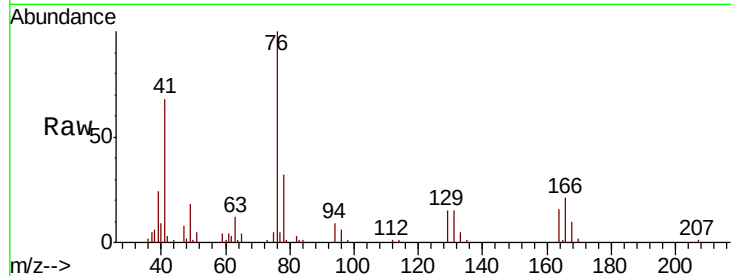




#57
 1,3-Dichloropropane
 Concen: 20.076 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

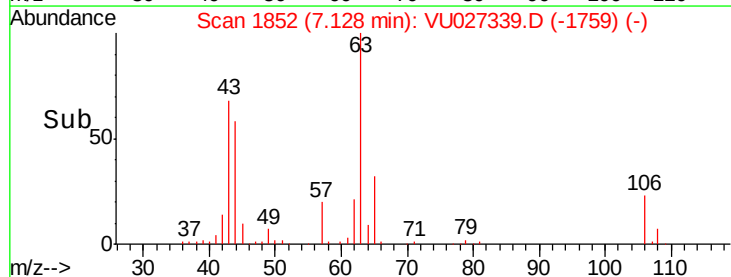
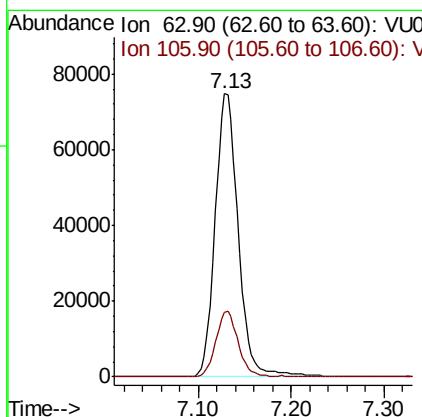
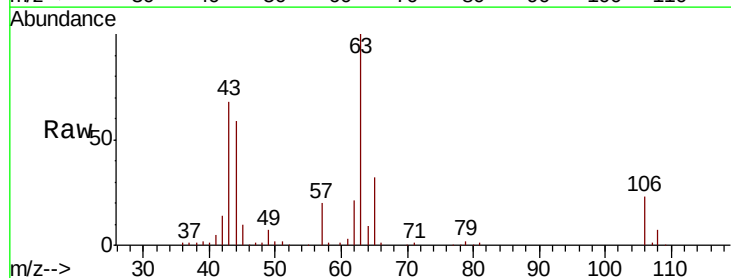
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

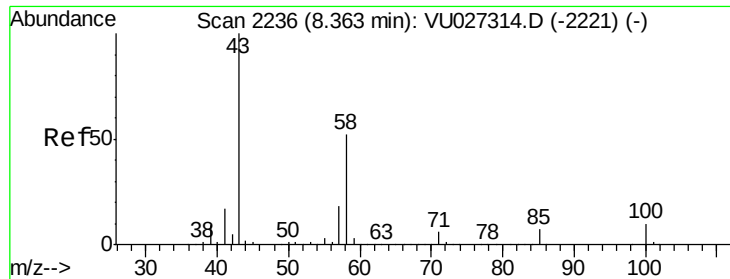
Tot Ion: 76 Resp: 52620
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.411 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 63 Resp: 129471
 Ion Ratio Lower Upper
 63 100
 106 22.3 18.5 27.7

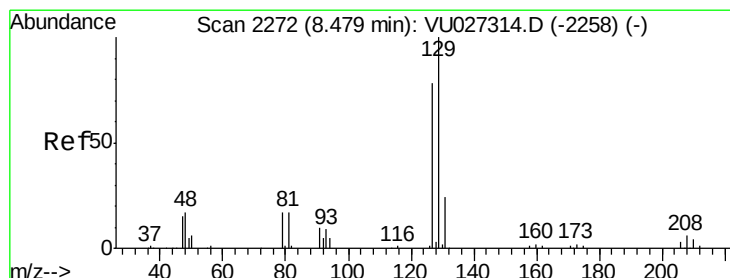
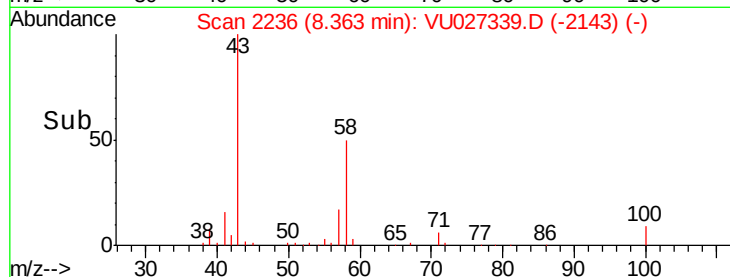
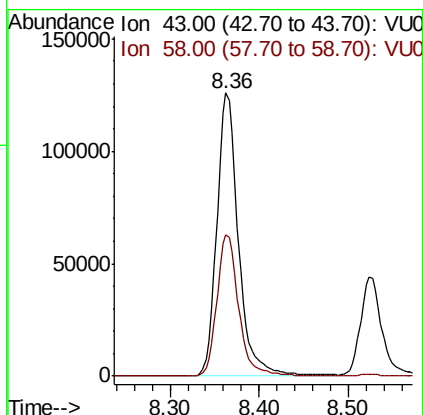
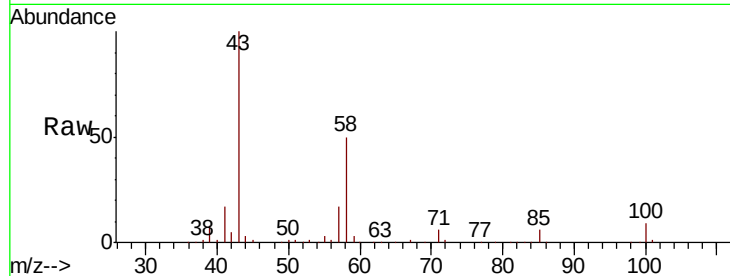




#59
2-Hexanone
Concen: 105.653 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

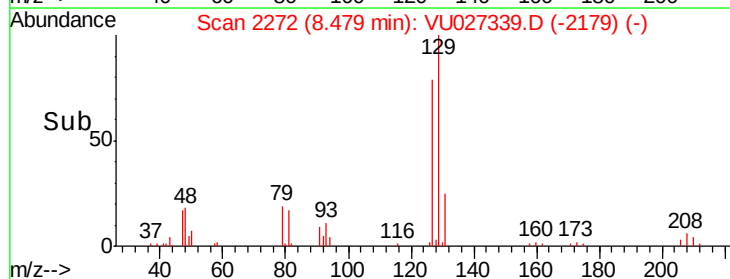
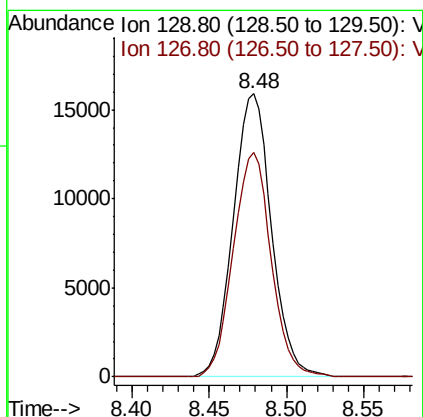
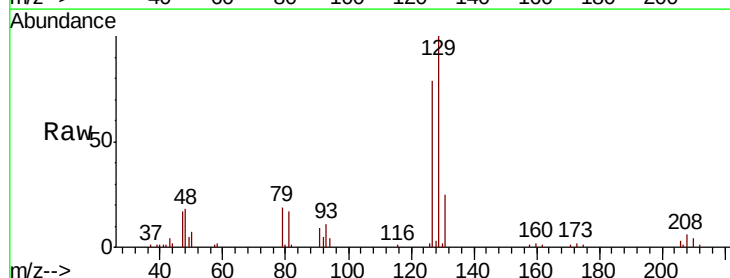
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

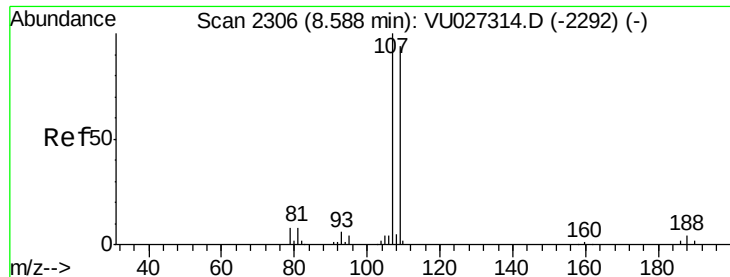
Tot Ion: 43 Resp: 211143
Ion Ratio Lower Upper
43 100
58 50.7 26.1 78.3



#60
Dibromochloromethane
Concen: 20.128 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 129 Resp: 27257
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.458 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

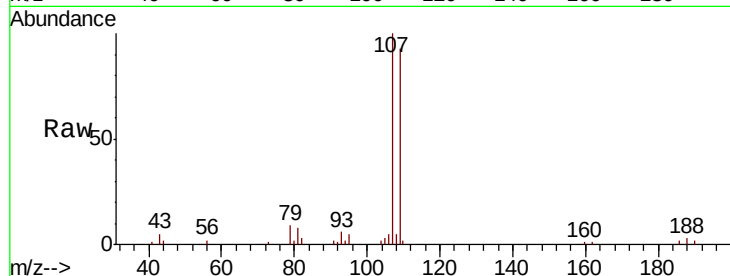
VU1002WBSD01

Tot Ion:107 Resp: 29369

Ion Ratio Lower Upper

107 100

109 93.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

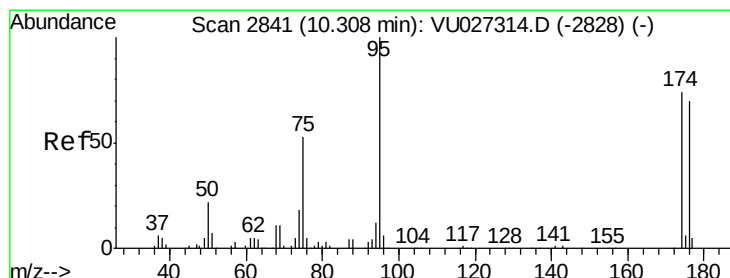
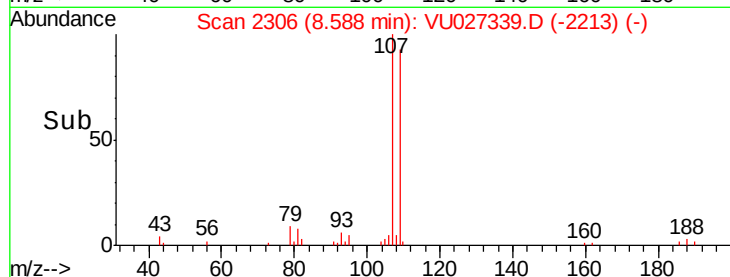
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 48.346 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

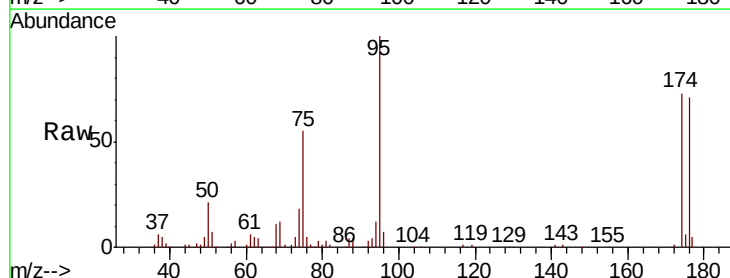
Tgt Ion: 95 Resp: 83835

Ion Ratio Lower Upper

95 100

174 73.3 0.0 147.8

176 70.5 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

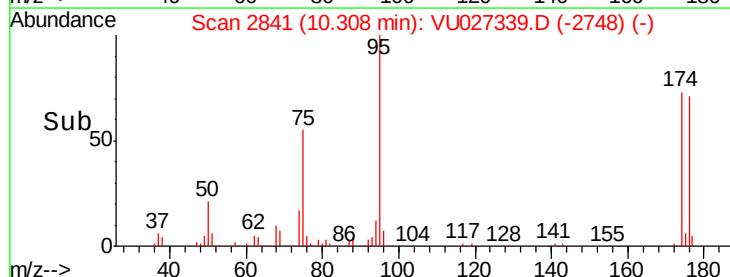
60000

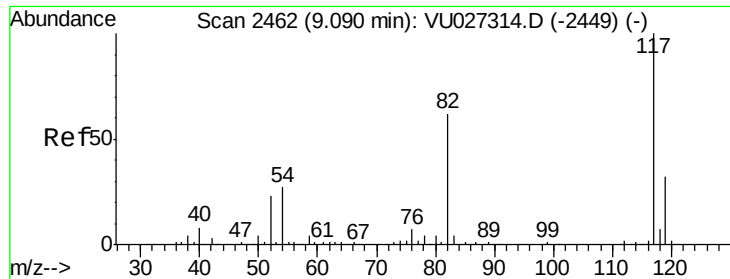
40000

20000

0

Time--> 10.30 10.40

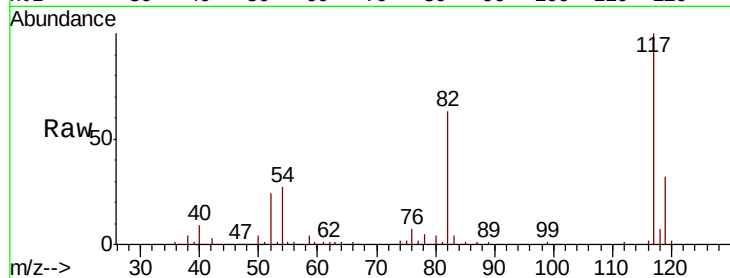




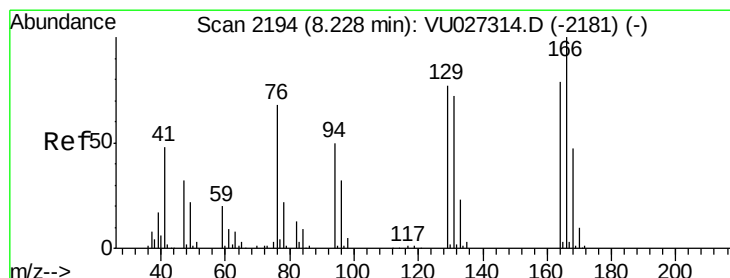
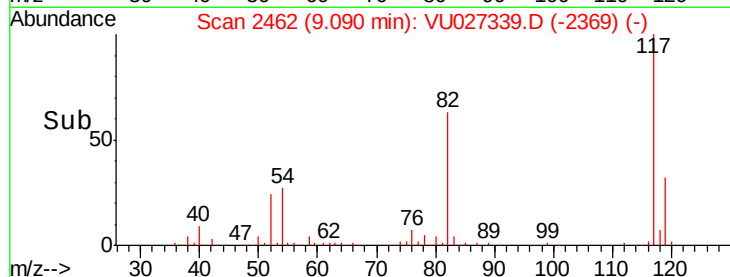
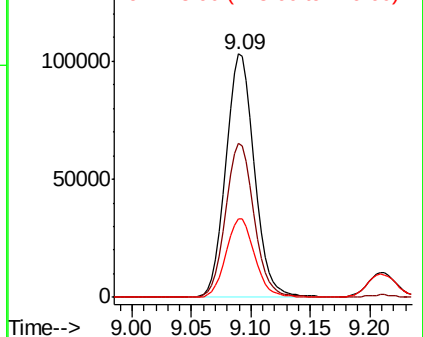
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

Tot Ion:117 Resp: 171912
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.2 25.7 38.5

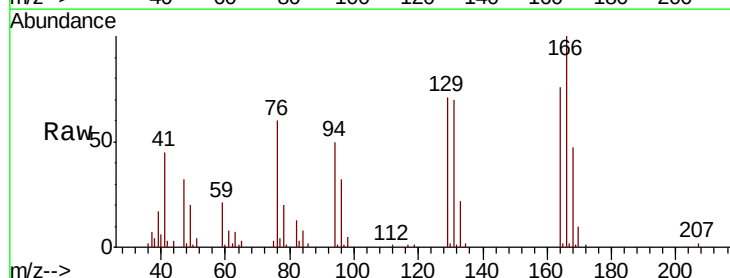


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

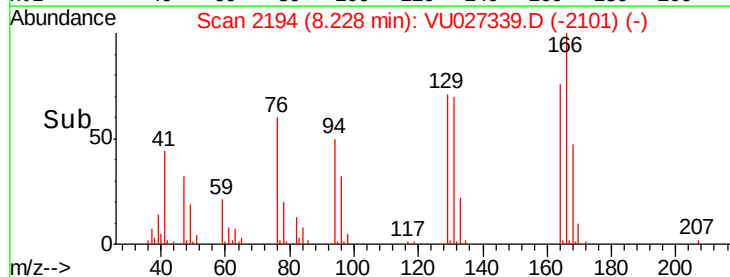
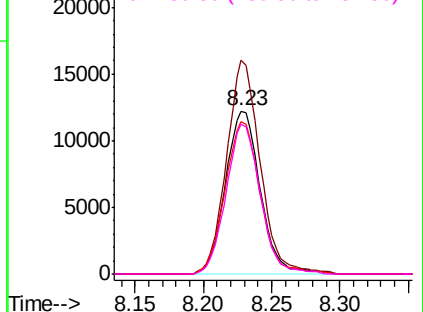


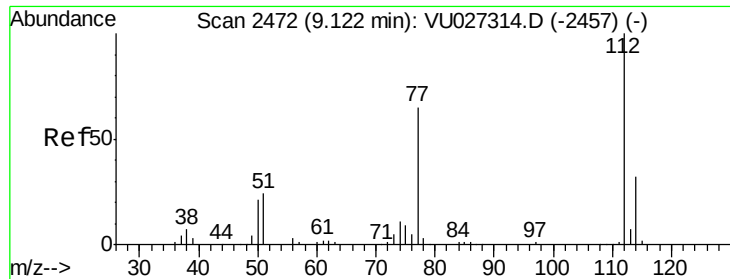
#64
Tetrachloroethene
Concen: 20.275 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion:164 Resp: 21698
Ion Ratio Lower Upper
164 100
166 131.0 101.0 151.6
129 93.5 78.0 117.0
131 92.0 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

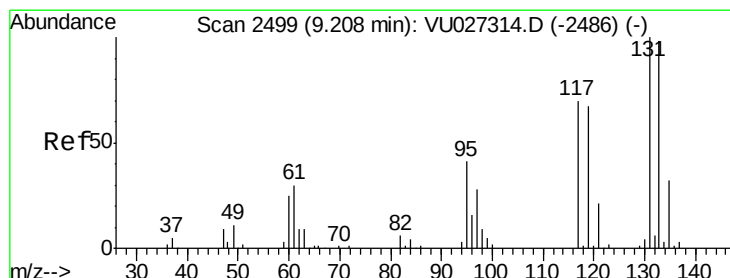
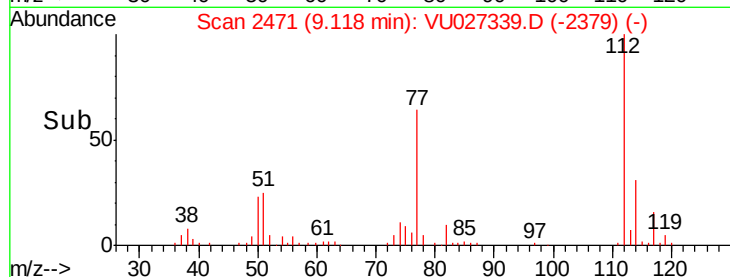
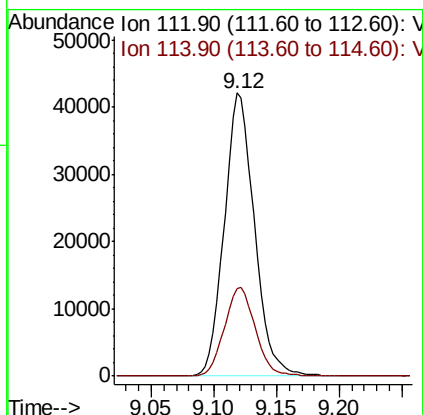
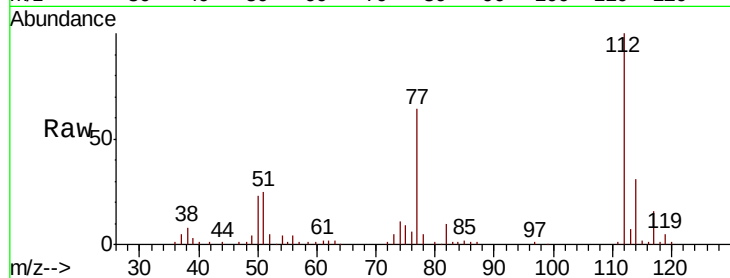




#65
Chlorobenzene
Concen: 19.485 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

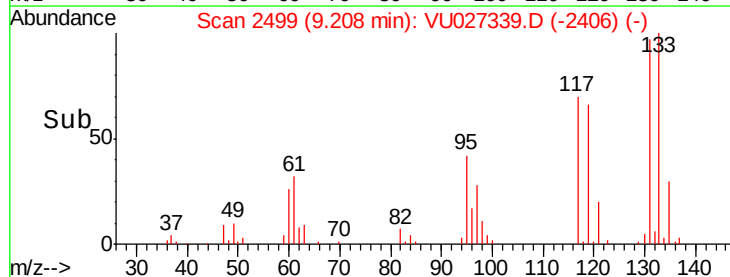
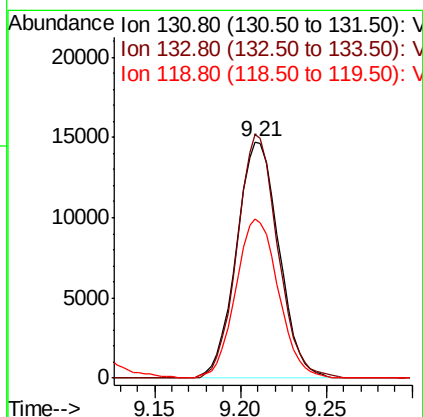
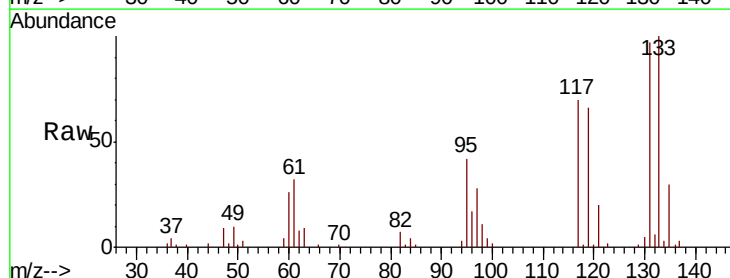
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

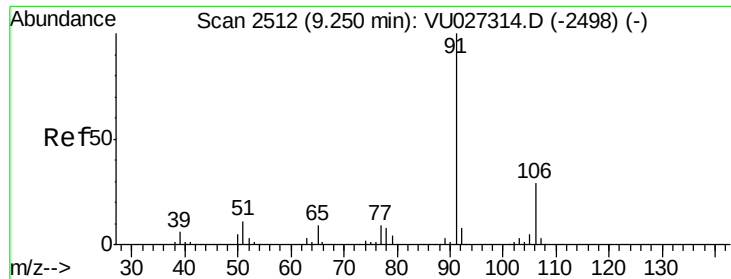
Tot Ion:112 Resp: 70508
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.291 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion:131 Resp: 25348
Ion Ratio Lower Upper
131 100
133 98.5 48.5 145.6
119 67.8 33.5 100.4

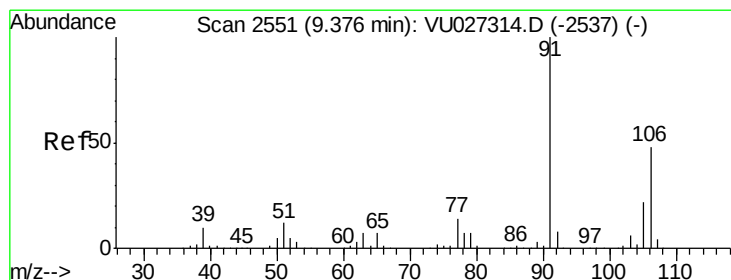
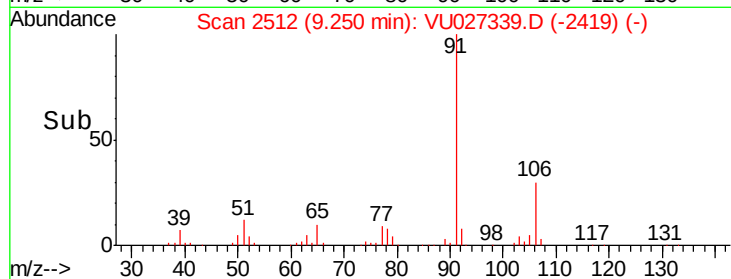
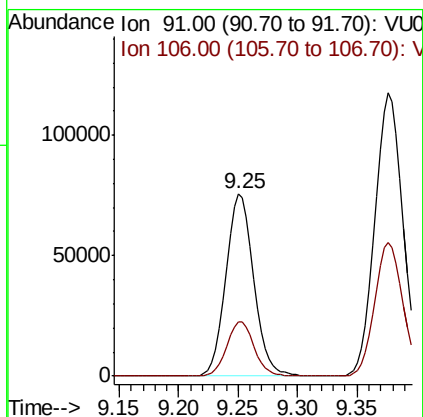
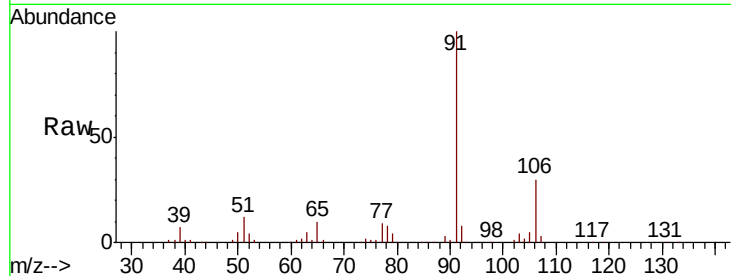




#67
Ethyl Benzene
Concen: 19.199 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

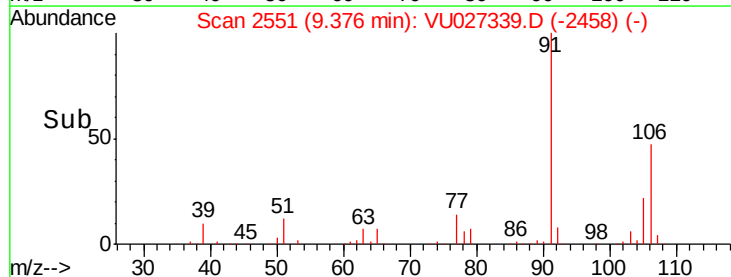
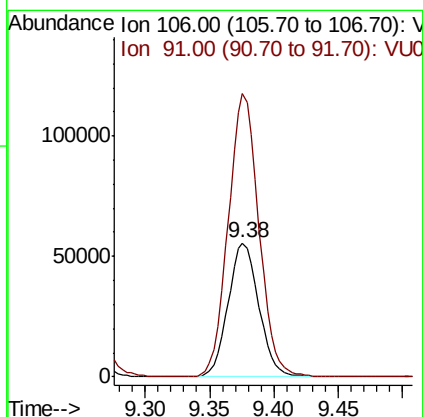
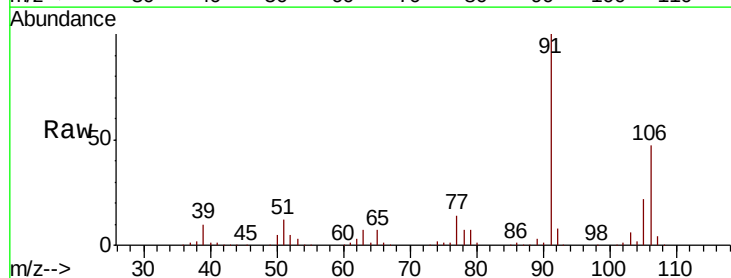
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

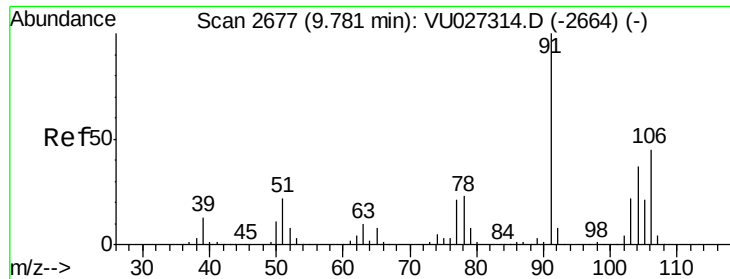
Tot Ion: 91 Resp: 123088
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 39.256 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 106 Resp: 92059
Ion Ratio Lower Upper
106 100
91 209.5 168.1 252.1

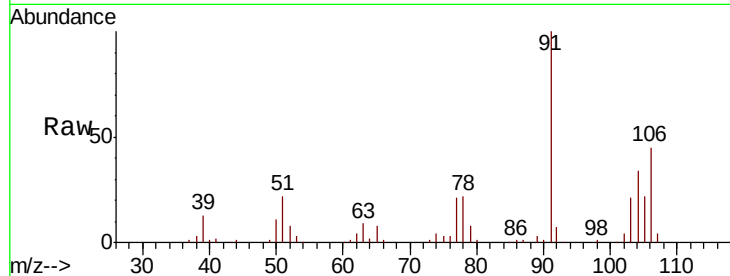




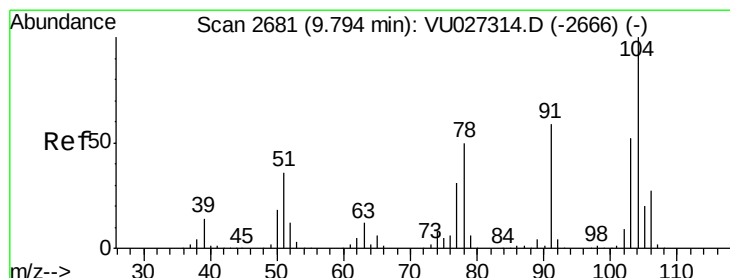
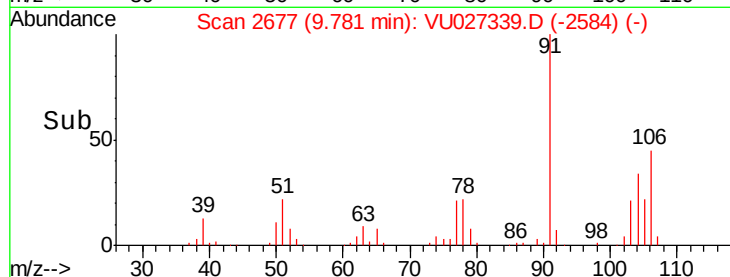
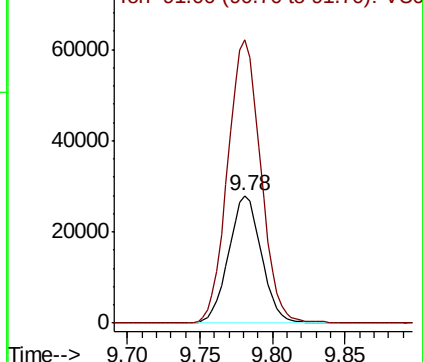
#69
o-Xylene
Concen: 19.629 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

Tot Ion:106 Resp: 43745
Ion Ratio Lower Upper
106 100
91 224.8 111.7 334.9

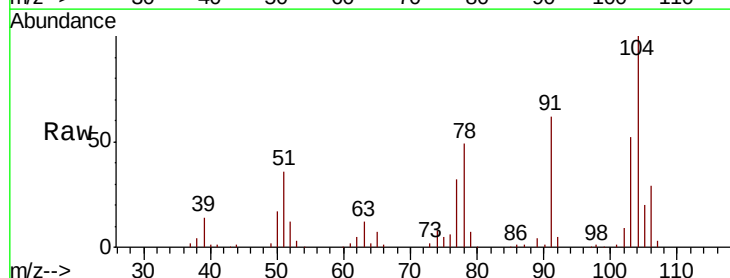


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

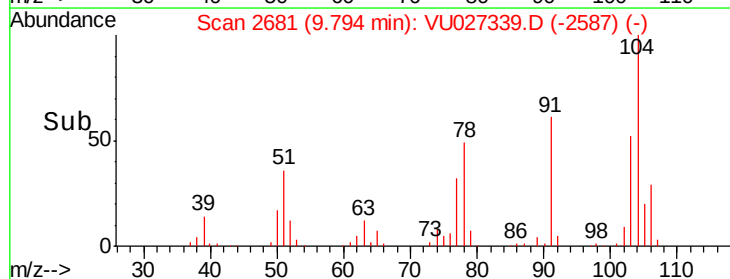
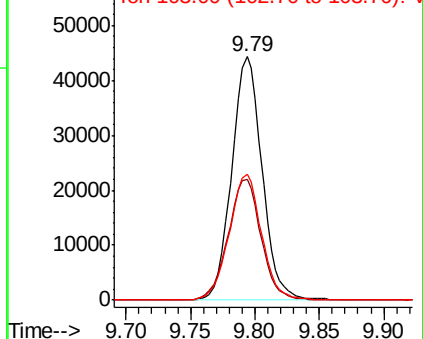


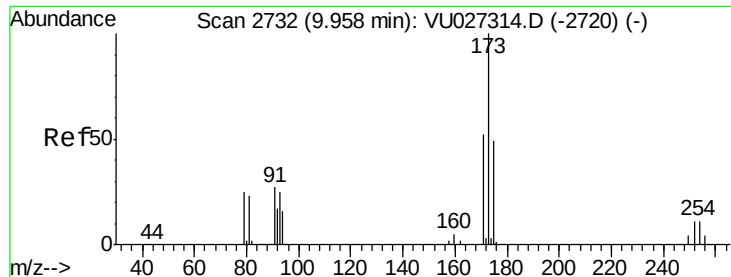
#70
Styrene
Concen: 18.881 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion:104 Resp: 72404
Ion Ratio Lower Upper
104 100
78 54.2 42.9 64.3
103 55.2 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: 19.030 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

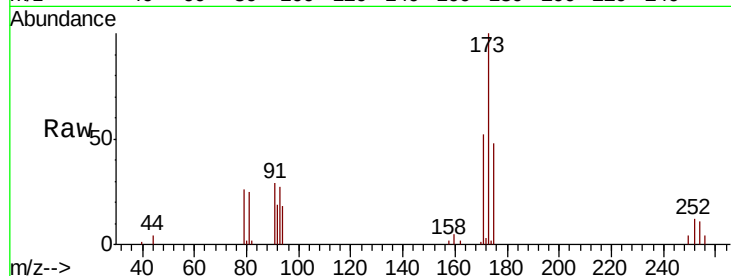
Tot Ion:173 Resp: 19126

Ion Ratio Lower Upper

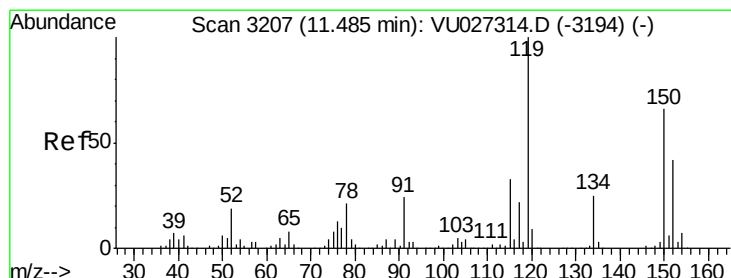
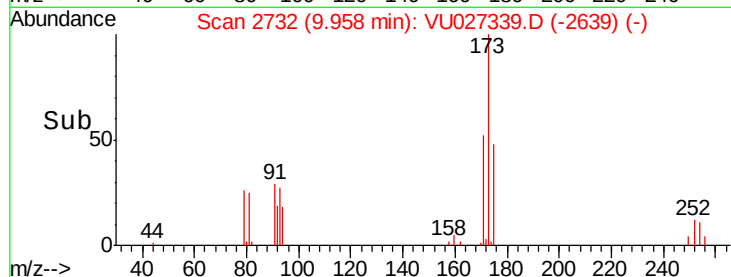
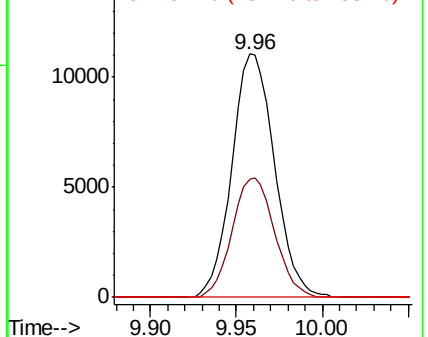
173 100

175 48.7 24.3 73.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

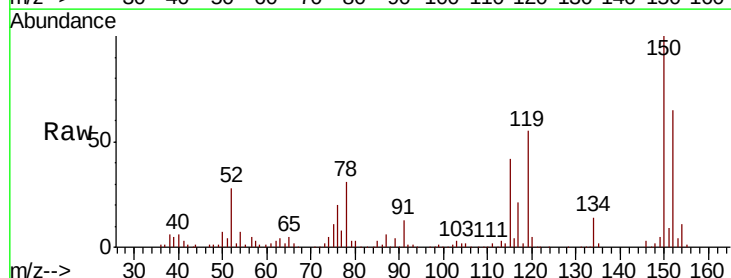
Tgt Ion:152 Resp: 82470

Ion Ratio Lower Upper

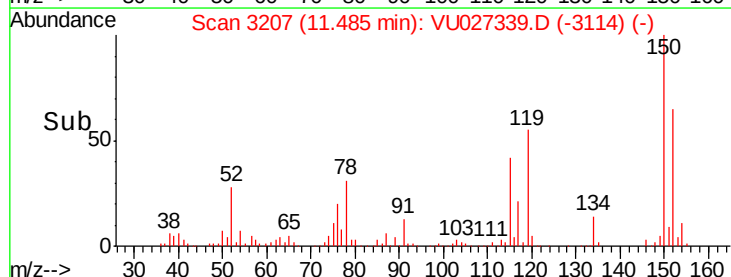
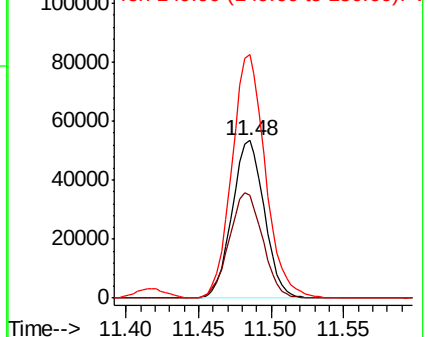
152 100

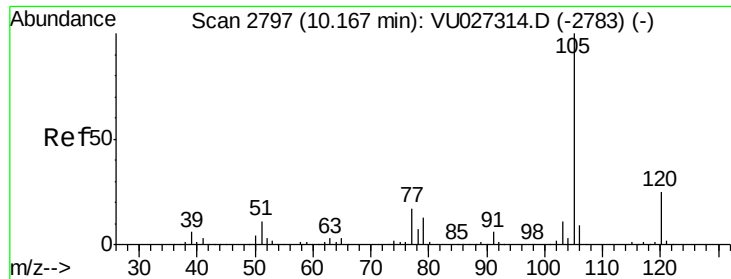
115 69.3 43.4 130.2

150 160.5 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: 20.059 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

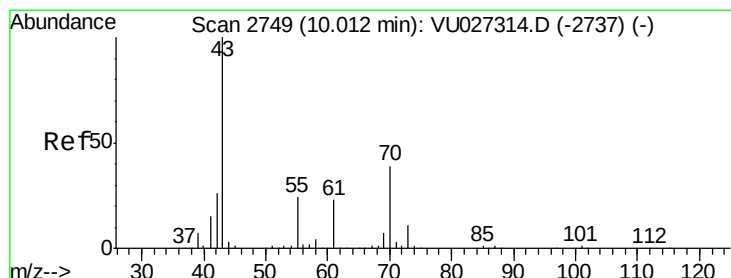
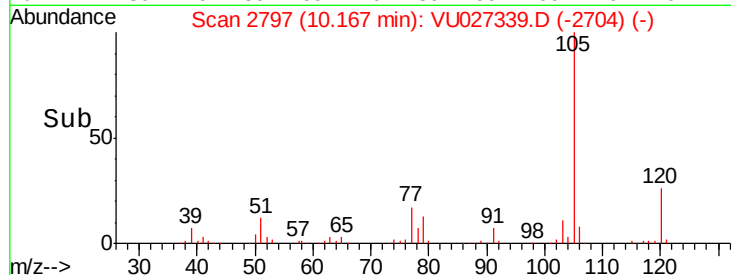
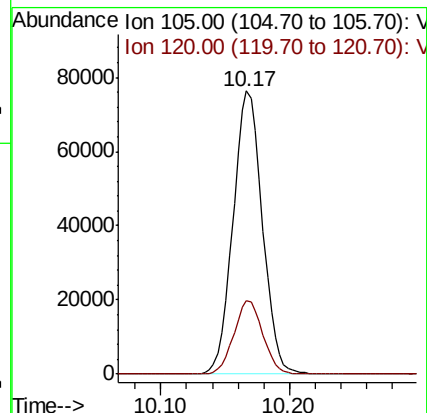
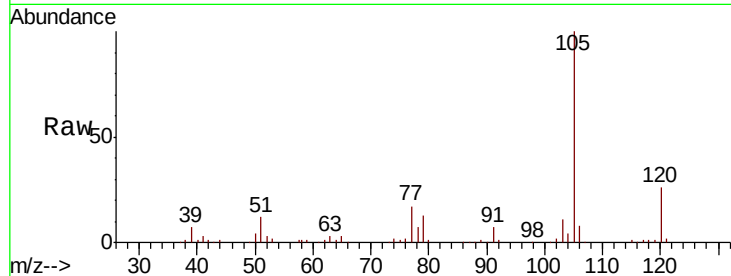
VU1002WBSD01

Tot Ion:105 Resp: 120146

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 19.609 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Tgt Ion: 43 Resp: 67239

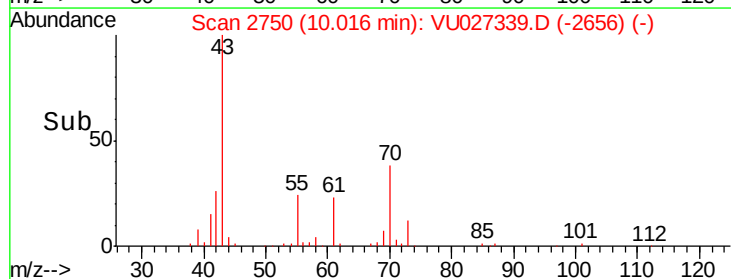
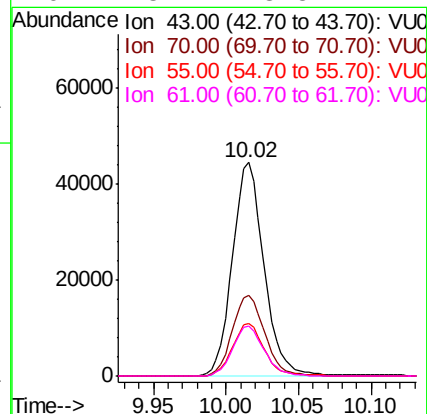
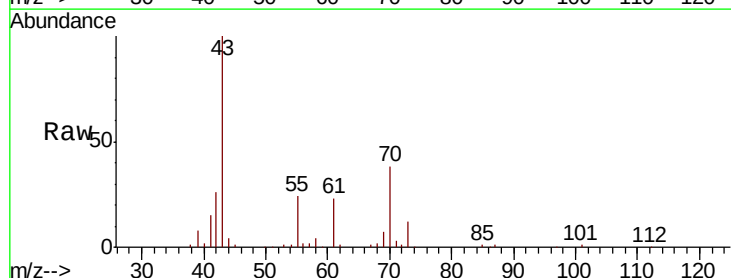
Ion Ratio Lower Upper

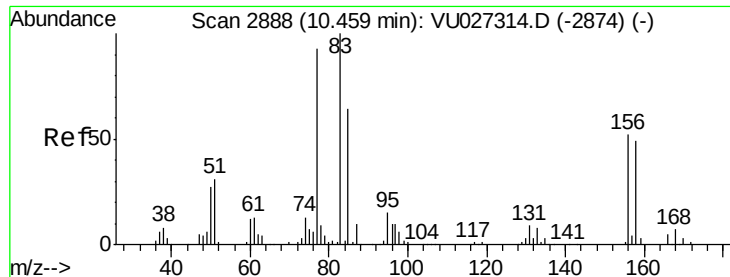
43 100

70 38.7 31.3 46.9

55 24.6 19.0 28.6

61 23.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.756 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

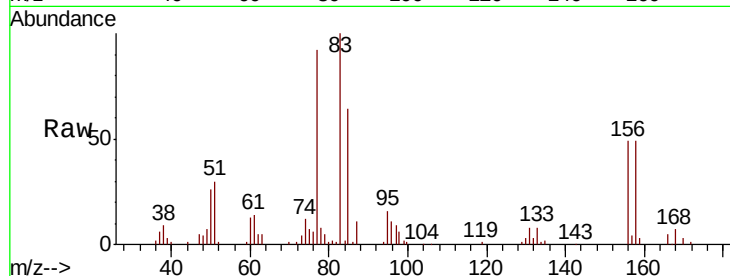
Tot Ion: 83 Resp: 48817

Ion Ratio Lower Upper

83 100

131 7.9 4.4 13.2

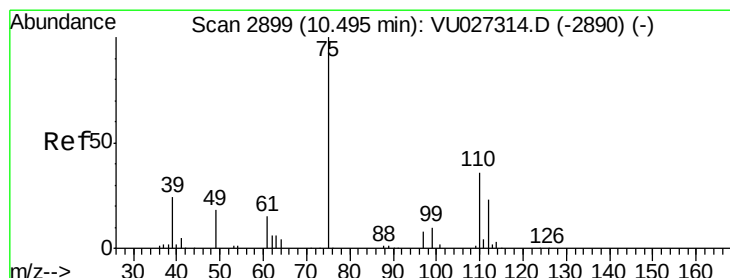
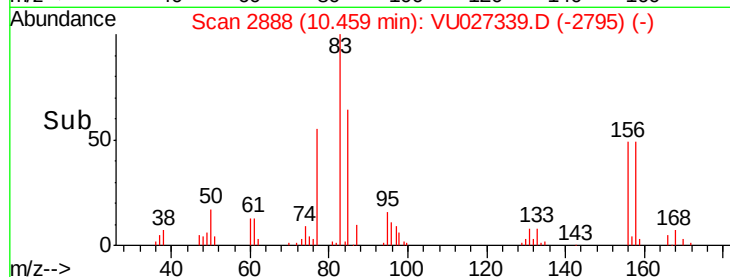
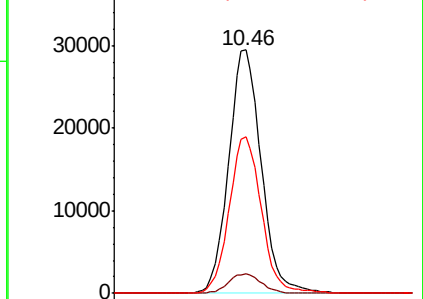
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 26.860 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027339.D

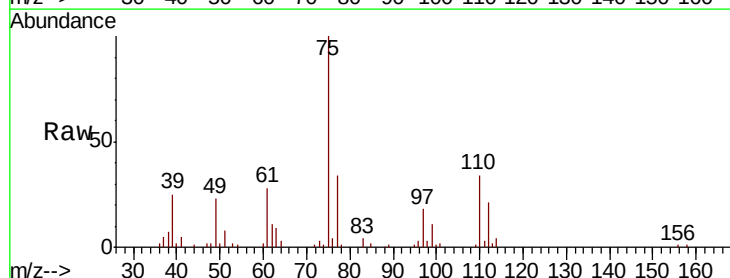
Acq: 02 Oct 2018 11:04

Tgt Ion: 75 Resp: 57422

Ion Ratio Lower Upper

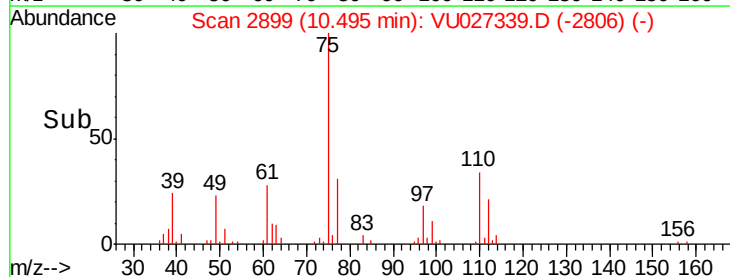
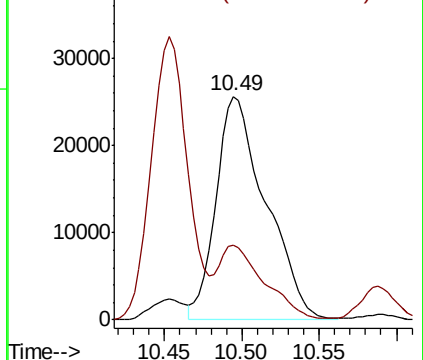
75 100

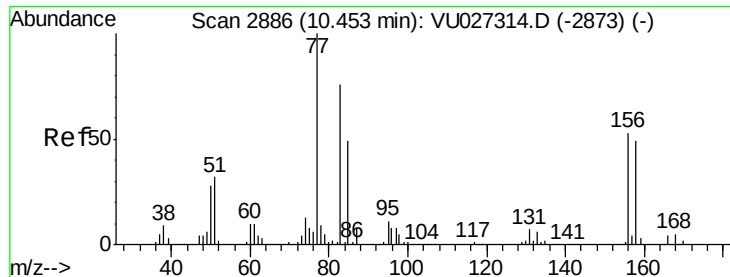
77 29.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 19.864 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

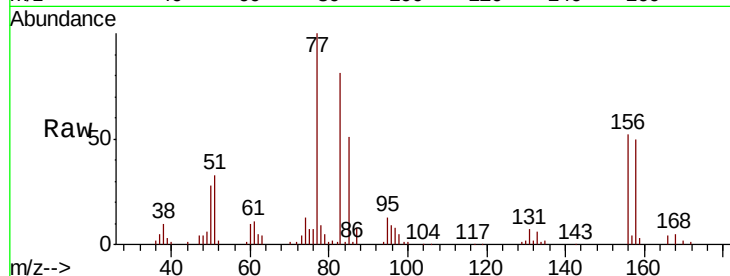
Tot Ion:156 Resp: 27651

Ion Ratio Lower Upper

156 100

77 192.9 94.8 284.4

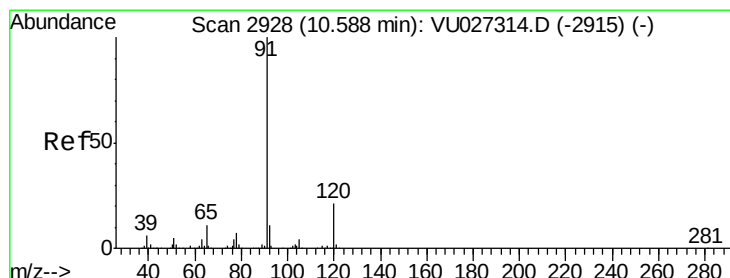
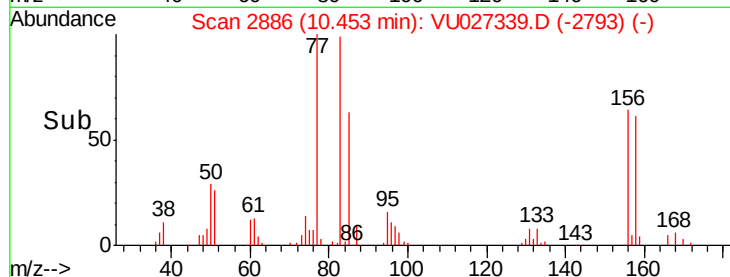
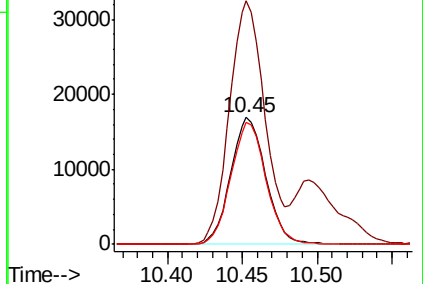
158 96.1 47.4 142.3



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: 19.478 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027339.D

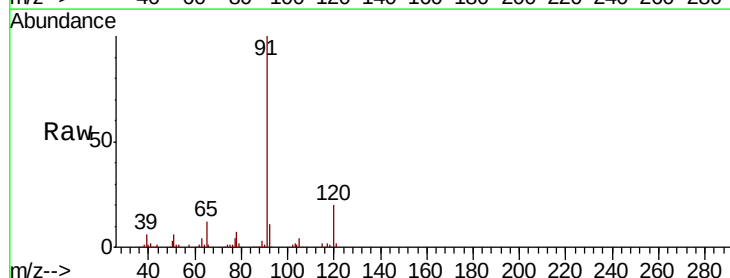
Acq: 02 Oct 2018 11:04

Tgt Ion: 91 Resp: 140187

Ion Ratio Lower Upper

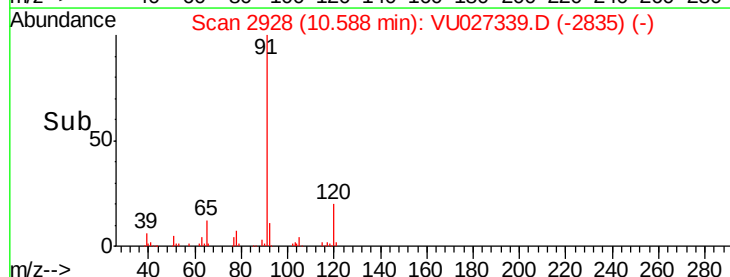
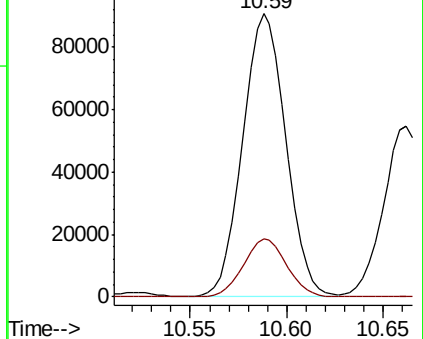
91 100

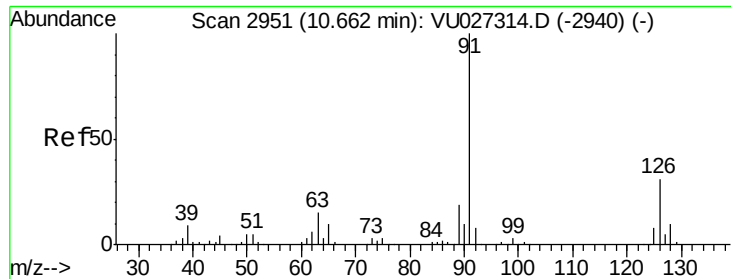
120 20.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

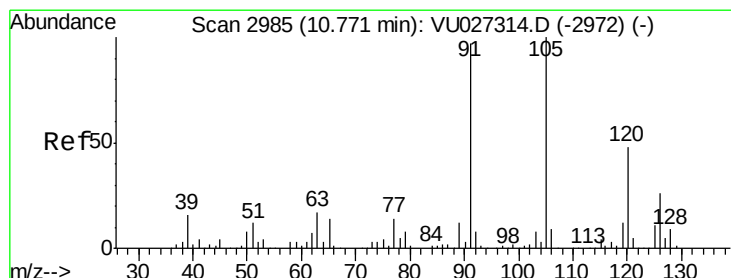
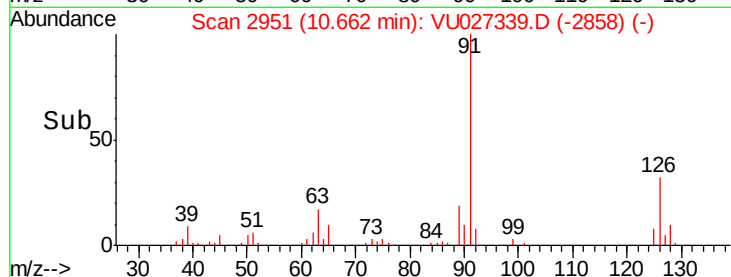
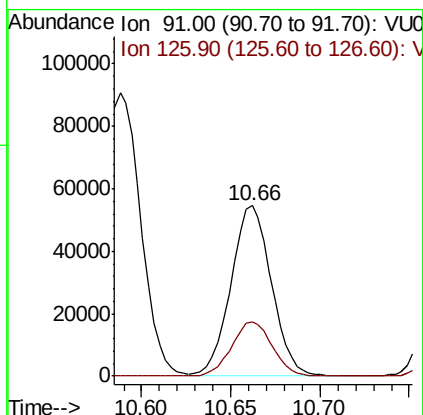
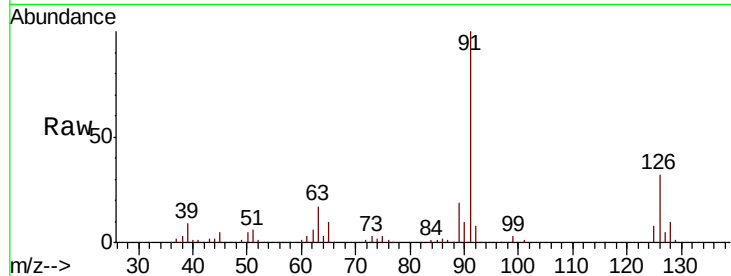




#79
 2-Chlorotoluene
 Concen: 19.607 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

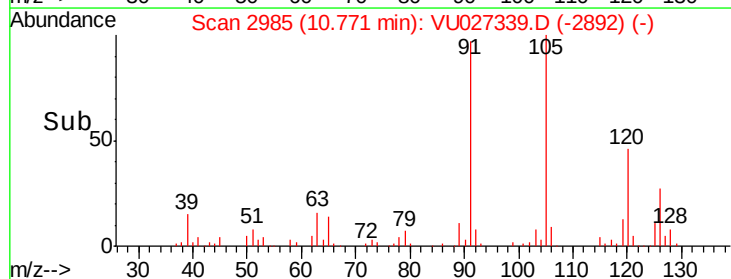
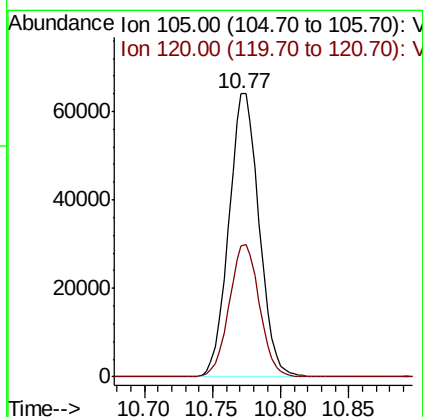
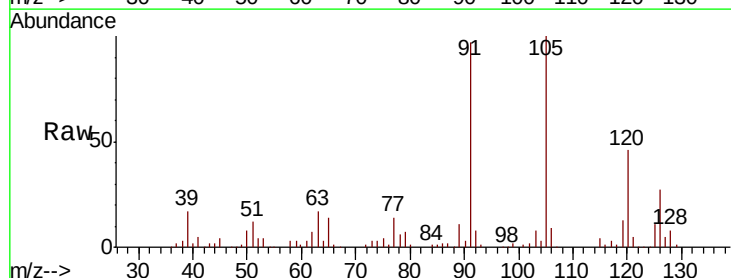
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

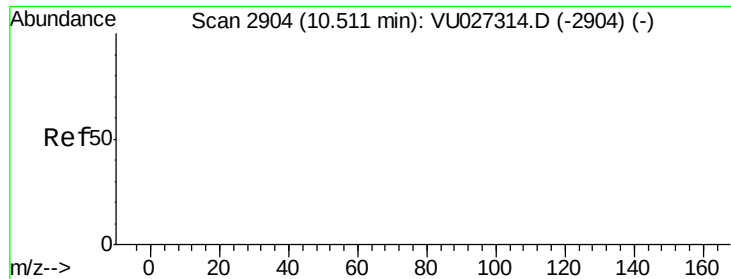
Tot Ion: 91 Resp: 85206
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.234 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion: 105 Resp: 98671
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.1 72.4

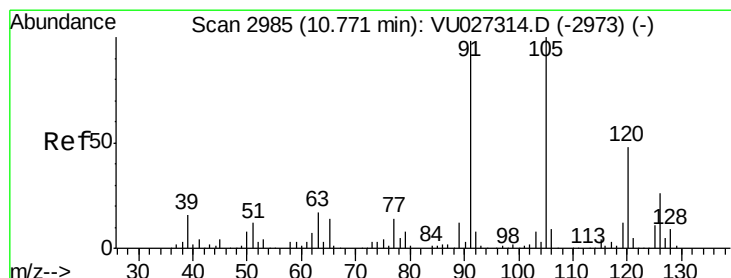
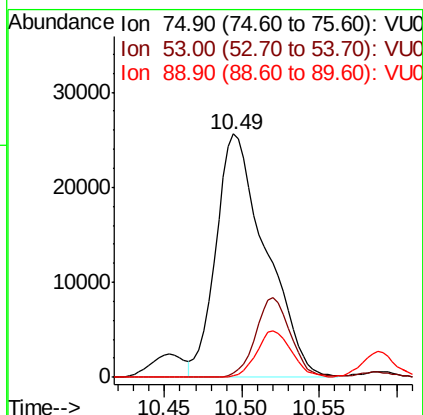
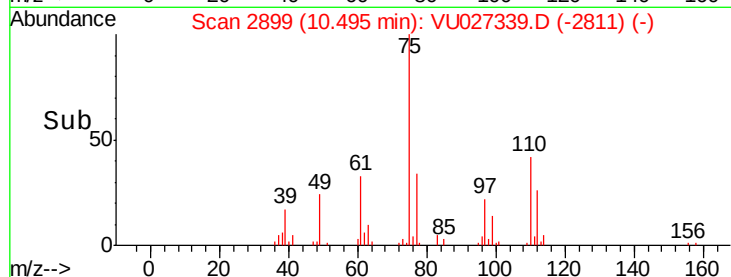
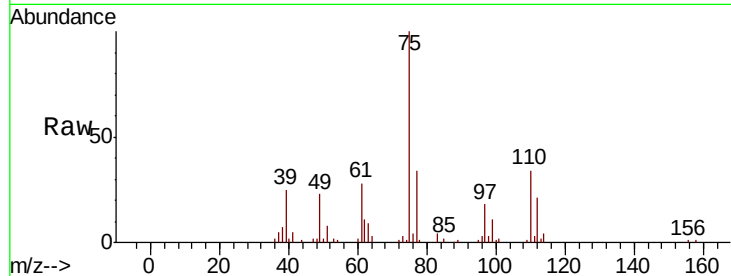




#81
trans-1,4-Dichloro-2-butene
Concen: 70.296 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

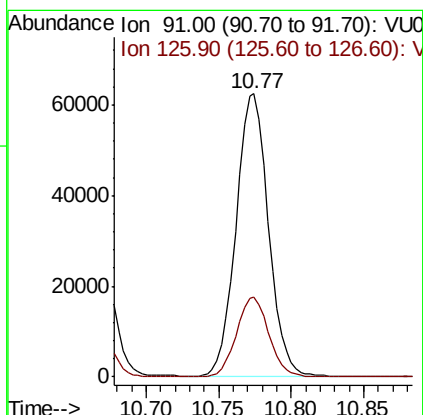
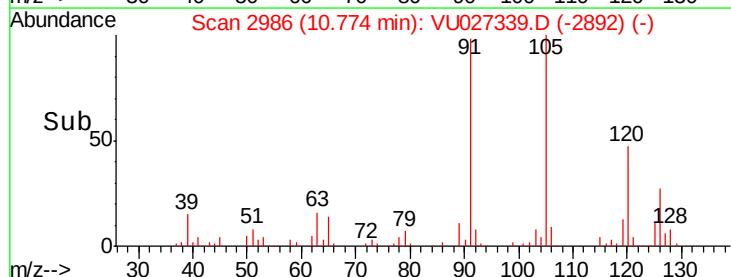
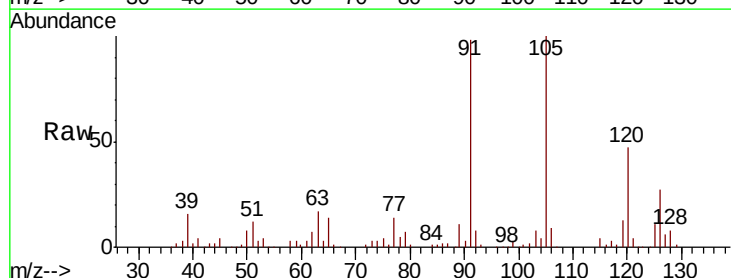
Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

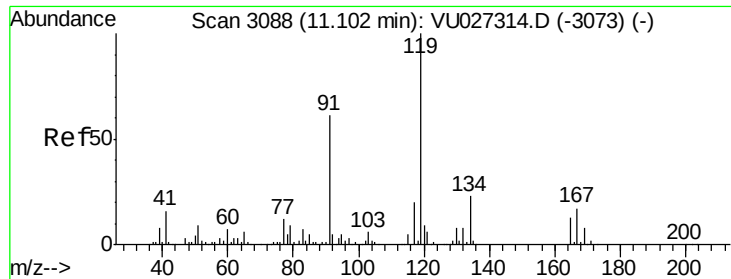
Tot Ion: 75 Resp: 57422
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 19.518 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion: 91 Resp: 96253
Ion Ratio Lower Upper
91 100
126 28.3 13.6 40.8

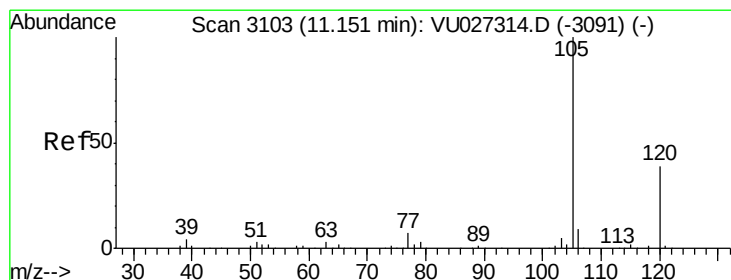
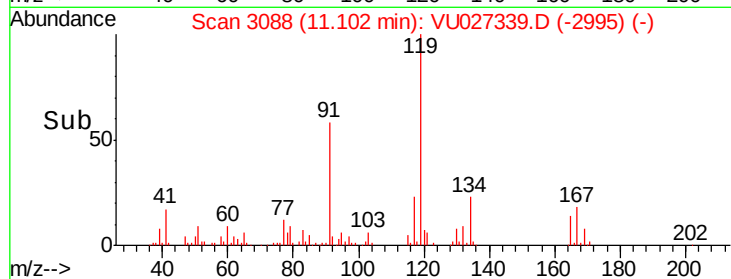
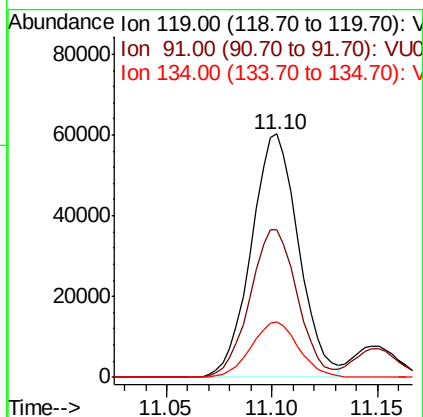
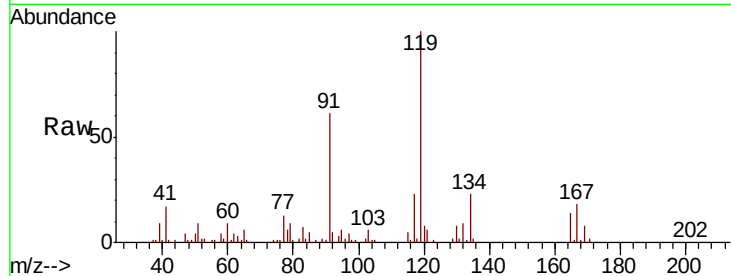




#83
 tert-Butylbenzene
 Concen: 19.924 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

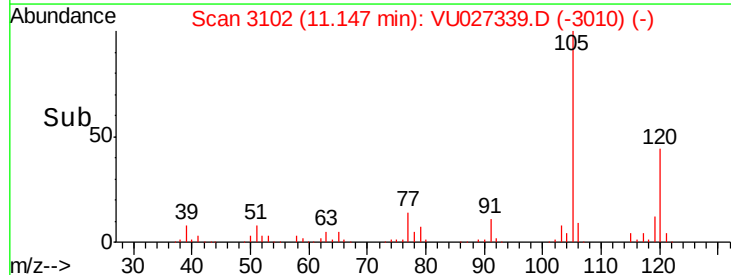
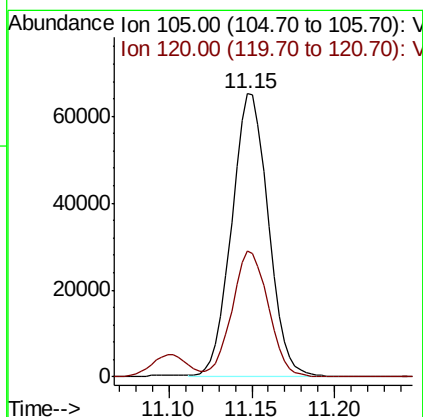
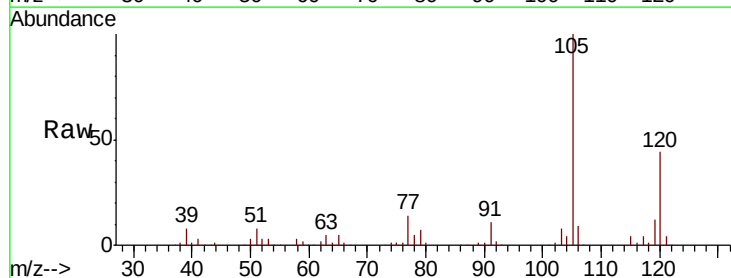
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

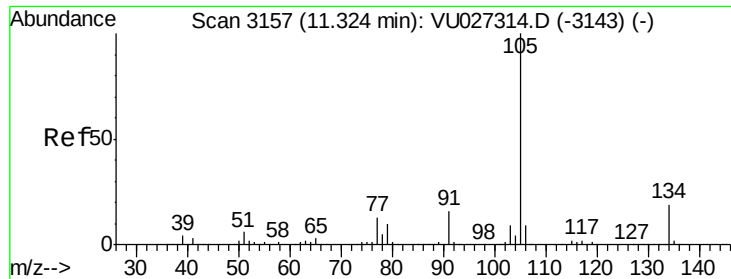
Tot Ion:119 Resp: 93927
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.3 91.0
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.009 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion:105 Resp: 99669
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5

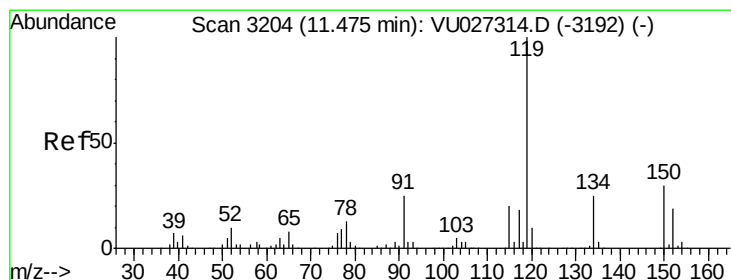
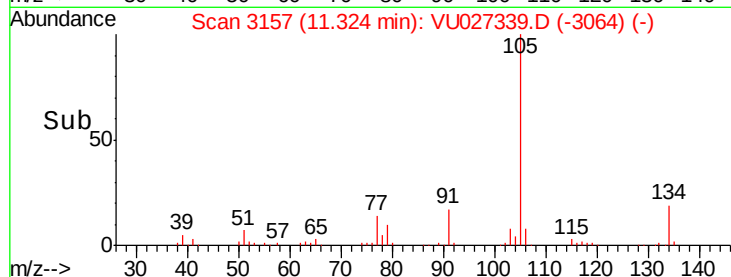
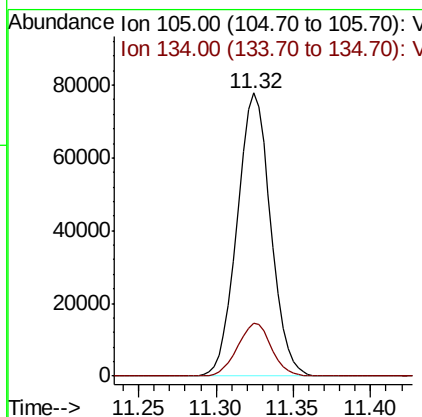
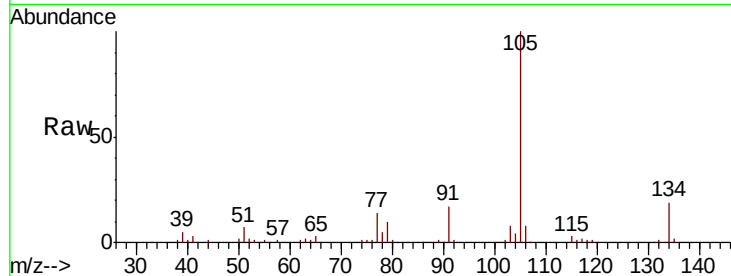




#85
 sec-Butylbenzene
 Concen: 19.722 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

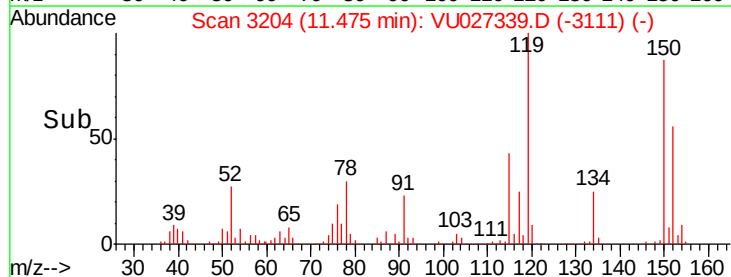
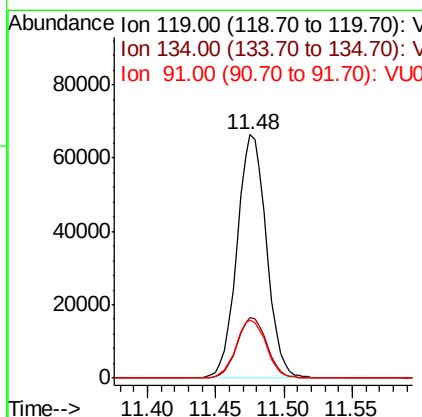
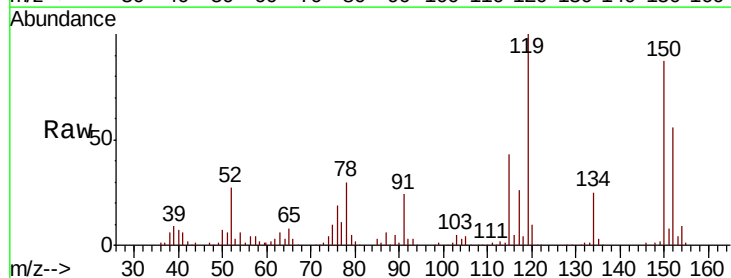
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

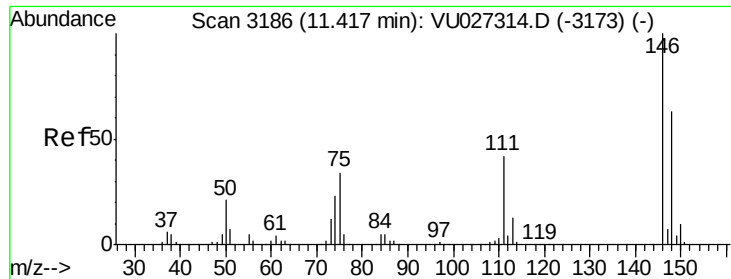
Tot Ion:105 Resp: 117146
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 19.520 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion:119 Resp: 99272
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.5 12.2 36.4

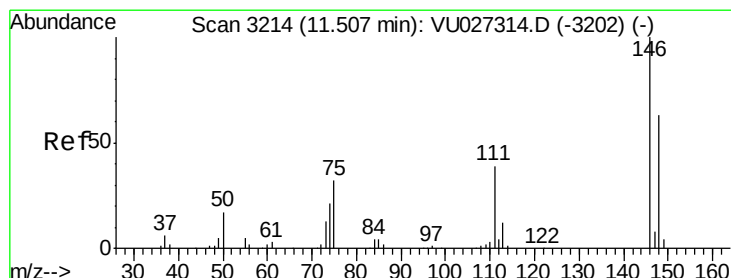
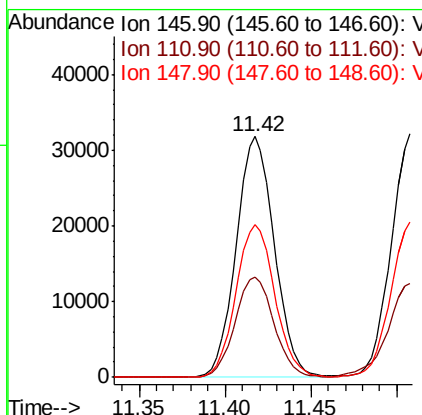
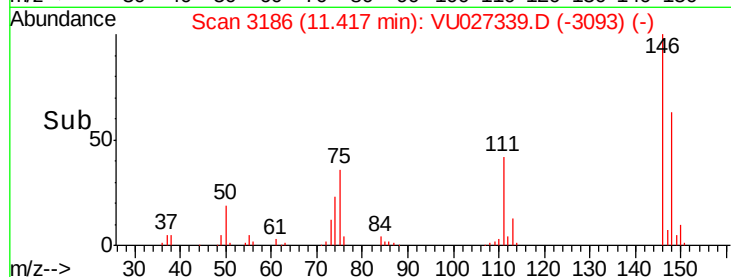
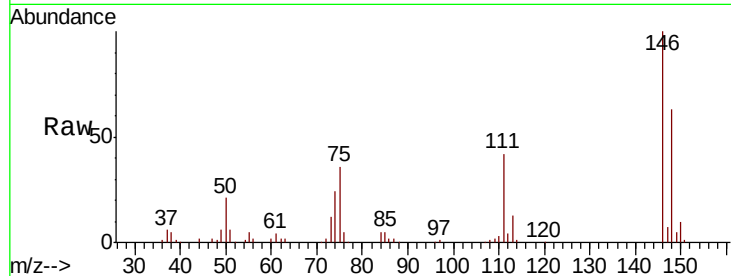




#87
 1,3-Dichlorobenzene
 Concen: 18.680 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

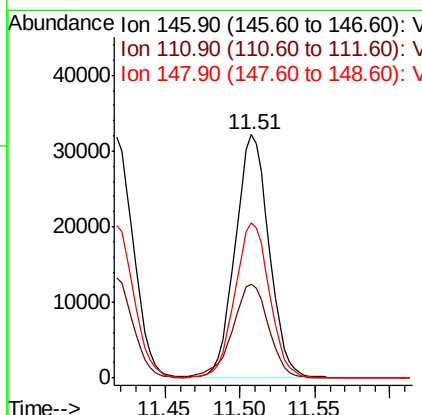
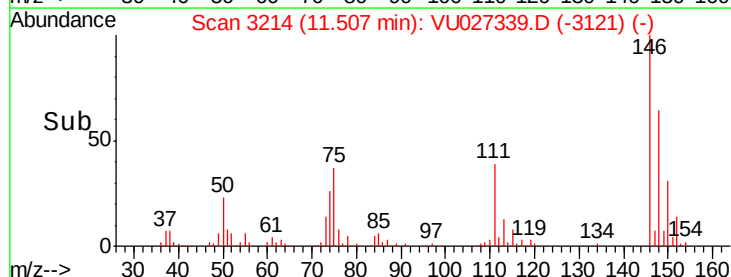
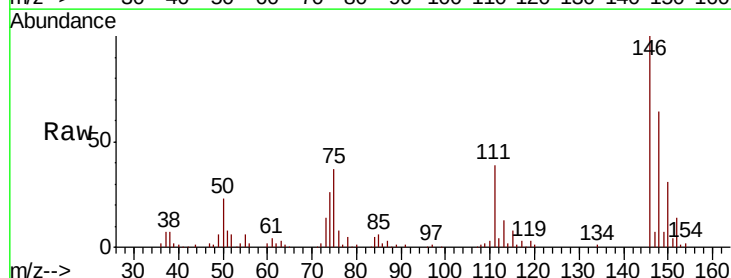
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

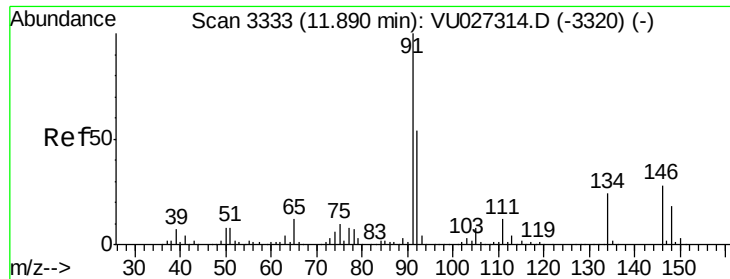
Tot Ion:146 Resp: 49239
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 64.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.823 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion:146 Resp: 50700
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 65.3 31.9 95.5





#89

n-Butylbenzene

Concen: 17.061 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

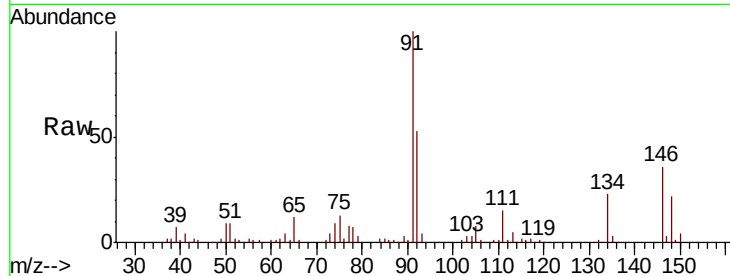
Tot Ion: 91 Resp: 84864

Ion Ratio Lower Upper

91 100

92 52.8 27.0 81.0

134 22.8 11.7 35.1

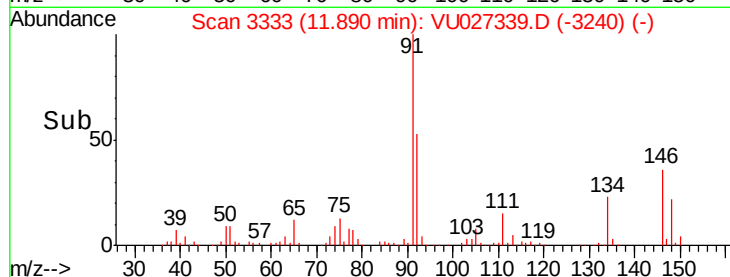


Abundance Ion 91.00 (90.70 to 91.70): VU027339.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027339.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027339.D (-3320) (-)

Time--> 11.80 11.85 11.90 11.95

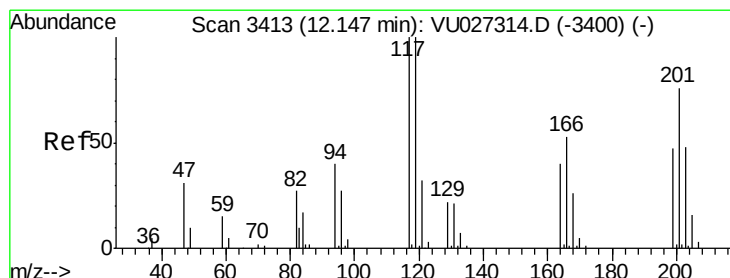


Abundance Ion 91.00 (90.70 to 91.70): VU027339.D (-3240) (-)

Ion 92.00 (91.70 to 92.70): VU027339.D (-3240) (-)

Ion 134.00 (133.70 to 134.70): VU027339.D (-3240) (-)

Time--> 11.80 11.85 11.90 11.95



#90

Hexachloroethane

Concen: 19.250 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027339.D

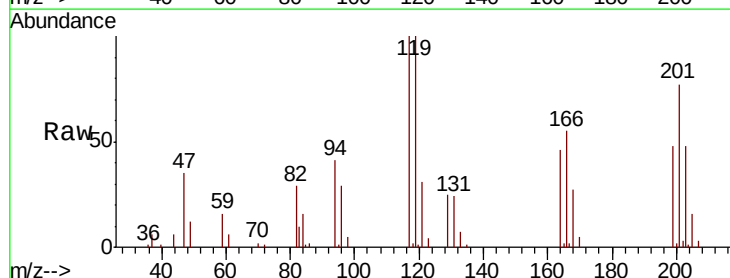
Acq: 02 Oct 2018 11:04

Tgt Ion: 117 Resp: 18454

Ion Ratio Lower Upper

117 100

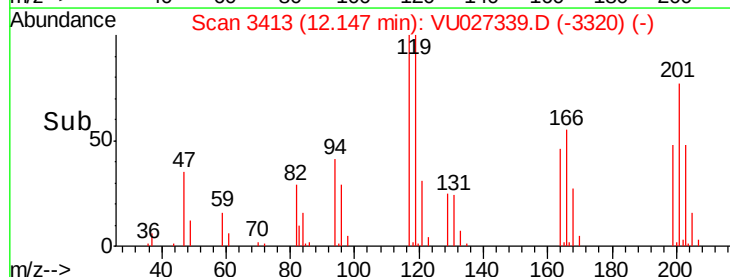
201 75.6 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VU027339.D (-3400) (-)

Ion 200.70 (200.40 to 201.40): VU027339.D (-3400) (-)

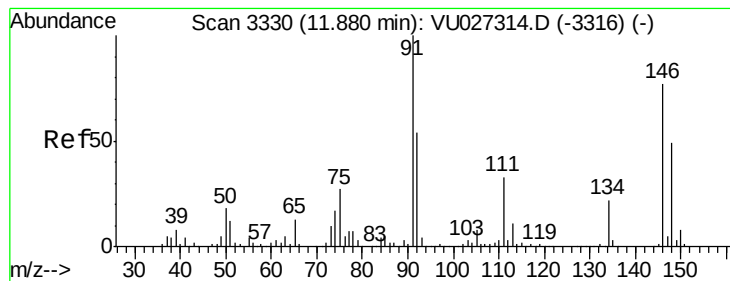
Time--> 12.10 12.15 12.20



Abundance Ion 116.80 (116.50 to 117.50): VU027339.D (-3320) (-)

Ion 200.70 (200.40 to 201.40): VU027339.D (-3320) (-)

Time--> 12.10 12.15 12.20



#91

1,2-Dichlorobenzene

Concen: 19.397 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

Instrument :

MSVOA_U

ClientSampleId :

VU1002WBSD01

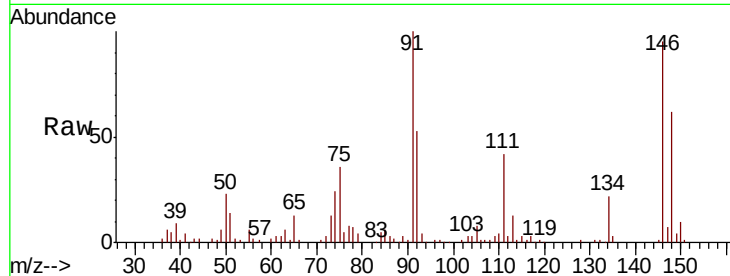
Tot Ion:146 Resp: 49768

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.4

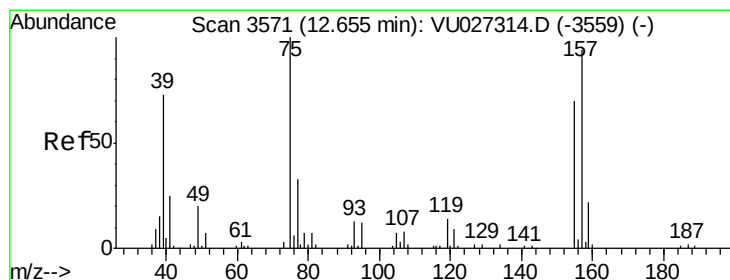
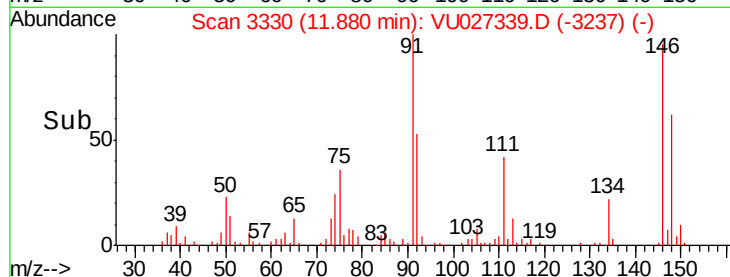
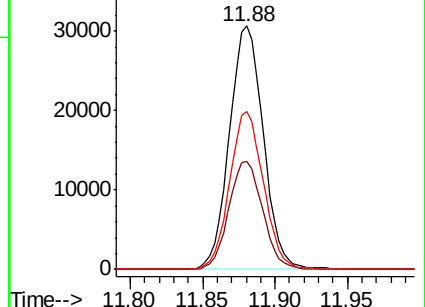
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.641 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. 0.00 min

Lab File: VU027339.D

Acq: 02 Oct 2018 11:04

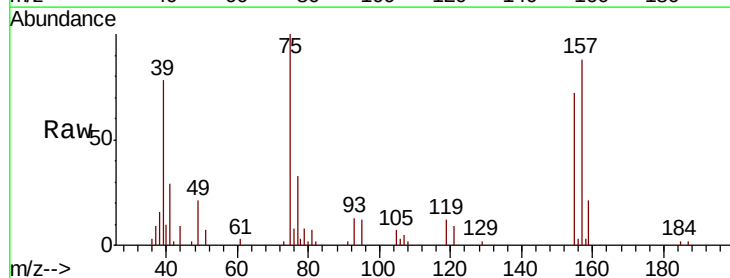
Tgt Ion: 75 Resp: 10759

Ion Ratio Lower Upper

75 100

155 72.6 35.9 107.8

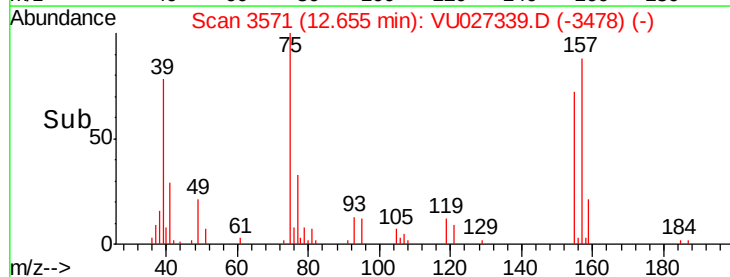
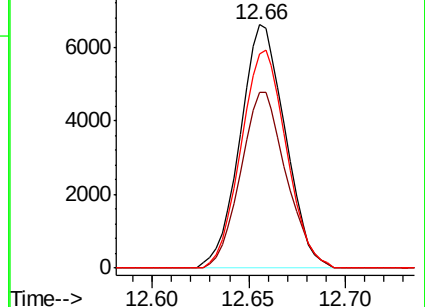
157 89.9 46.9 140.6

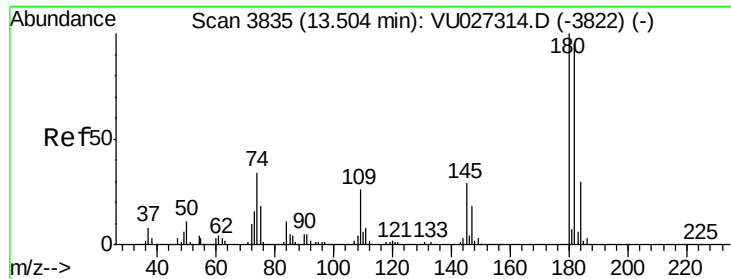


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

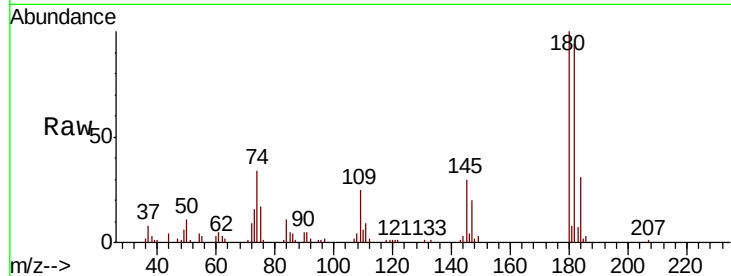




#93
 1,2,4-Trichlorobenzene
 Concen: 17.728 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.4	142.3
145	29.9	14.6	44.0

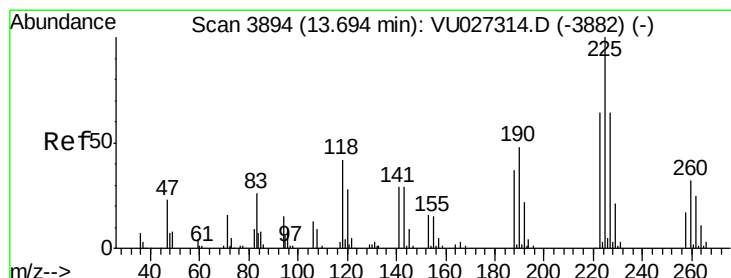
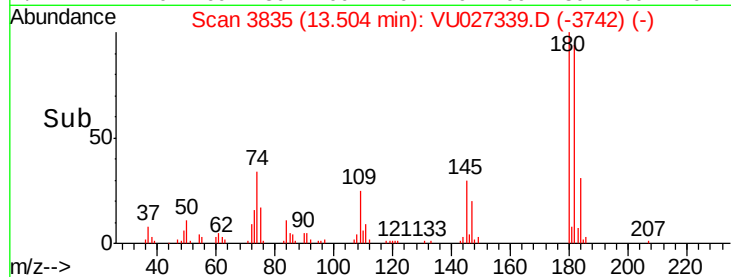
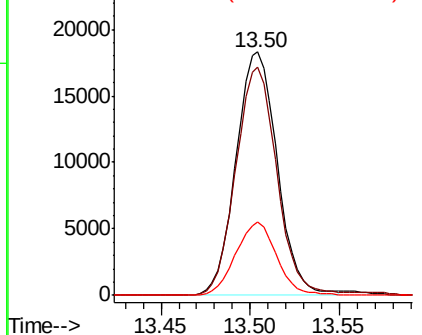


Abundance

Ion 179.80 (179.50 to 180.50): V

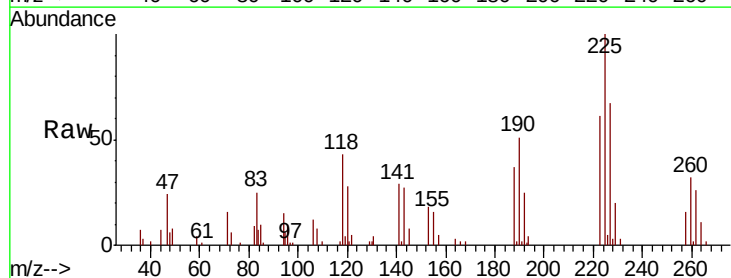
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.496 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027339.D
 Acq: 02 Oct 2018 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.8	95.3
227	65.8	31.9	95.7

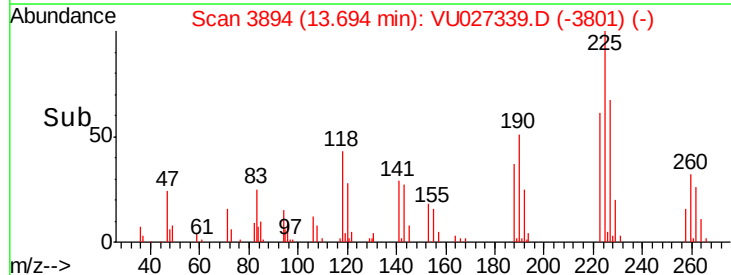
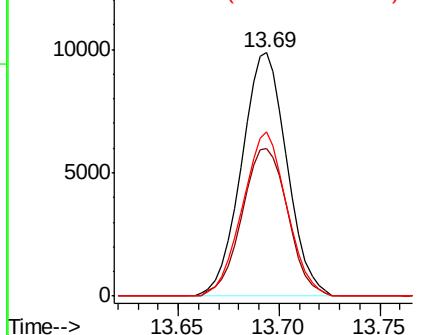


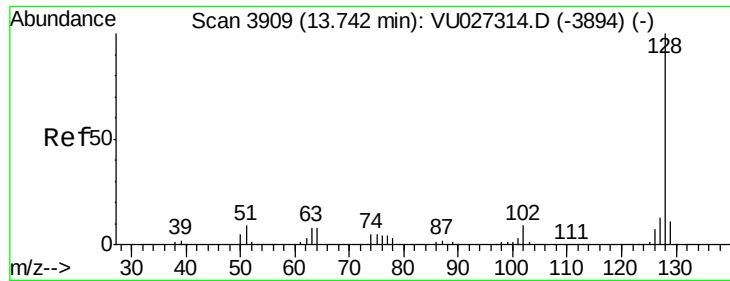
Abundance

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

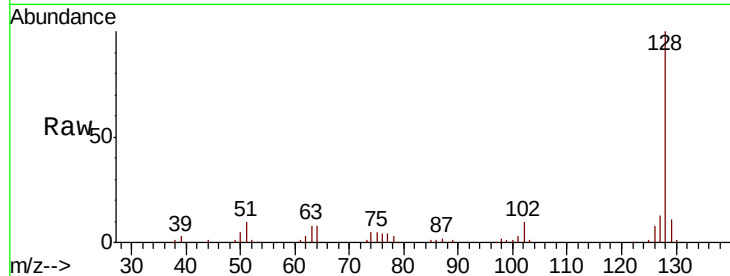




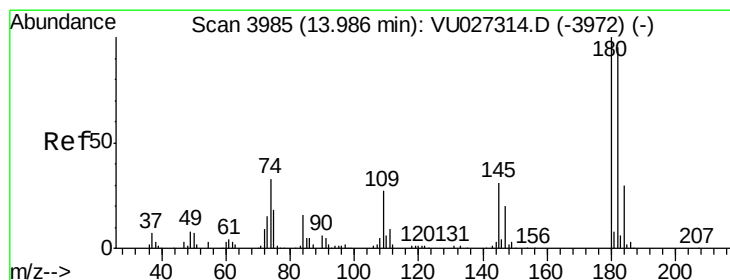
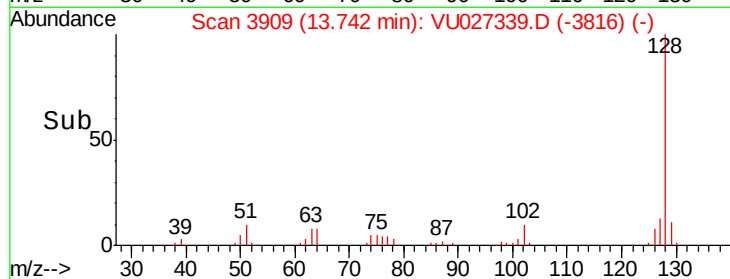
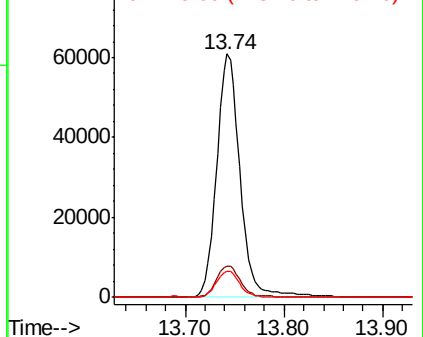
#95
Naphthalene
Concen: 17.416 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Instrument :
MSVOA_U
ClientSampleId :
VU1002WBSD01

Tot Ion:128 Resp: 101610
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.6 12.8

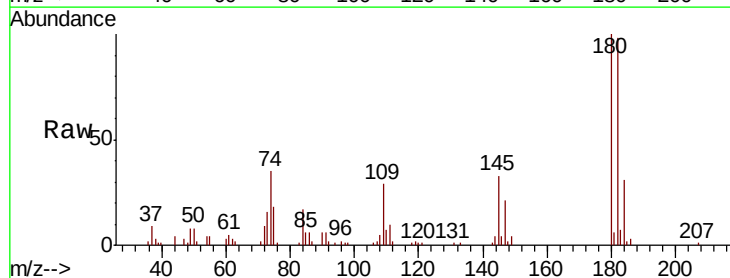


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.505 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027339.D
Acq: 02 Oct 2018 11:04

Tgt Ion:180 Resp: 32007
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 31.3 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

