

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
 Data File : VU027557.D
 Acq On : 10 Oct 2018 09:06
 Operator : MD/SY
 Sample : VU1010WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

Quant Time: Oct 11 04:01:38 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	4.98	168	133222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	223014	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	203292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	100120	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98406	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
35) Dibromofluoromethane	4.88	113	72716	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	7.57	98	271657	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
62) 4-Bromofluorobenzene	10.31	95	97921	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	36161	18.827	ug/l	99
3) Chloromethane	1.33	50	45981	17.683	ug/l	100
4) Vinyl Chloride	1.40	62	44192	18.079	ug/l	99
5) Bromomethane	1.62	94	25140	23.769	ug/l	99
6) Chloroethane	1.70	64	25355	17.262	ug/l	99
7) Trichlorofluoromethane	1.89	101	46515	18.755	ug/l	99
8) Diethyl Ether	2.11	74	21090	18.460	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	28722	19.941	ug/l	99
10) Methyl Iodide	2.41	142	25950	25.488	ug/l	97
11) Tert butyl alcohol	2.83	59	44589	95.182	ug/l	98
12) 1,1-Dichloroethene	2.28	96	26423	18.777	ug/l	98
13) Acrolein	2.20	56	15348	39.045	ug/l	100
14) Allyl chloride	2.59	41	60116	17.990	ug/l	96
15) Acrylonitrile	2.94	53	114703	94.075	ug/l	100
16) Acetone	2.32	43	113939	86.699	ug/l	97
17) Carbon Disulfide	2.48	76	81471	16.052	ug/l	100
18) Methyl Acetate	2.62	43	62781	20.941	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	109253	19.376	ug/l	100
20) Methylene Chloride	2.70	84	33675	18.396	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	29218	18.494	ug/l	97
22) Diisopropyl ether	3.58	45	127481	18.769	ug/l	97
23) Vinyl Acetate	3.53	43	538303	90.753	ug/l	99
24) 1,1-Dichloroethane	3.45	63	65368	18.721	ug/l	99
25) 2-Butanone	4.26	43	166352	92.825	ug/l	99
26) 2,2-Dichloropropane	4.23	77	52950	18.456	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	33789	18.702	ug/l	98
28) Bromochloromethane	4.55	49	33419	19.838	ug/l	95
29) Tetrahydrofuran	4.64	42	106753	94.521	ug/l	99
30) Chloroform	4.67	83	59539	19.193	ug/l	98
31) Cyclohexane	5.00	56	60960	16.929	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	49355	18.890	ug/l	99
36) 1,1-Dichloropropene	5.14	75	43681	18.039	ug/l	98
37) Ethyl Acetate	4.39	43	58138	18.578	ug/l	99
38) Carbon Tetrachloride	5.13	117	41477	18.963	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	51936	18.348	ug/l	97
40) Benzene	5.39	78	135020	19.143	ug/l	100
41) Methacrylonitrile	4.55	41	32739	18.509	ug/l	96
42) 1,2-Dichloroethane	5.40	62	49703	18.984	ug/l	98
43) Isopropyl Acetate	5.55	43	93502	19.238	ug/l	100
44) Trichloroethene	6.19	130	30369	19.309	ug/l	98
45) 1,2-Dichloropropane	6.43	63	39414	19.374	ug/l	99
46) Dibromomethane	6.56	93	22841	19.879	ug/l	98
47) Bromodichloromethane	6.76	83	45758	19.192	ug/l	98
48) Methyl methacrylate	6.62	41	45671	18.896	ug/l	98
49) 1,4-Dioxane	6.61	88	18162	436.729	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	301571	95.484	ug/l	99
52) Toluene	7.64	92	80035	19.171	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	53101	18.996	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	57749	19.217	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	32394	19.570	ug/l	100
56) Ethyl methacrylate	8.02	69	53886	18.499	ug/l	97
57) 1,3-Dichloropropane	8.24	76	61187	19.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	148859	90.930	ug/l	99
59) 2-Hexanone	8.36	43	234334	95.647	ug/l	99
60) Dibromochloromethane	8.48	129	32296	19.454	ug/l	99
61) 1,2-Dibromoethane	8.59	107	33700	19.149	ug/l	100
64) Tetrachloroethene	8.23	164	25020	19.770	ug/l	99
65) Chlorobenzene	9.12	112	83129	19.427	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	29736	20.130	ug/l	99
67) Ethyl Benzene	9.25	91	145332	19.169	ug/l	100
68) m/p-Xylenes	9.38	106	110164	39.725	ug/l	99
69) o-Xylene	9.78	106	53072	20.139	ug/l	99
70) Styrene	9.79	104	87149	19.177	ug/l	99
71) Bromoform	9.96	173	23299	19.603	ug/l #	99
73) Isopropylbenzene	10.17	105	144952	19.934	ug/l	100
74) N-amyl acetate	10.02	43	78606	18.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	55143	19.313	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	66317	25.552	ug/l	85
77) Bromobenzene	10.45	156	33389	19.757	ug/l	98
78) n-propylbenzene	10.59	91	171653	19.645	ug/l	100
79) 2-Chlorotoluene	10.66	91	102843	19.494	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	119206	20.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	66317	66.873	ug/l #	100
82) 4-Chlorotoluene	10.77	91	117147	19.567	ug/l	99
83) tert-Butylbenzene	11.10	119	115719	20.219	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	120842	19.982	ug/l	98
85) sec-Butylbenzene	11.32	105	145232	20.140	ug/l	100
86) p-Isopropyltoluene	11.48	119	125259	20.287	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	61198	19.124	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	62430	19.092	ug/l	99
89) n-Butylbenzene	11.89	91	108811	17.909	ug/l	99
90) Hexachloroethane	12.15	117	22771	19.566	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	62187	19.965	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	12340	19.501	ug/l	99

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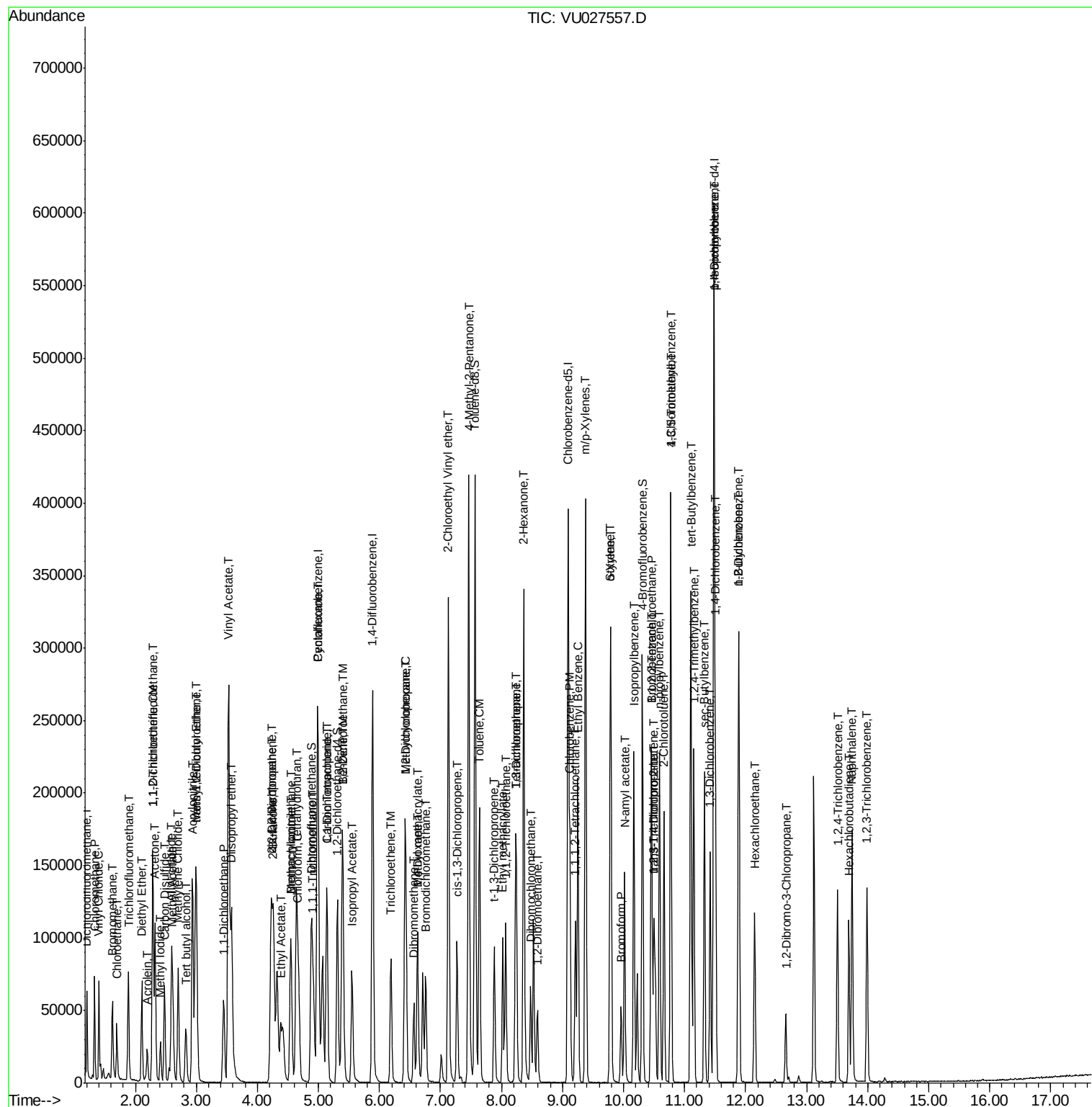
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	40037	19.865	ug/l	99
94) Hexachlorobutadiene	13.69	225	20196	19.833	ug/l	98
95) Naphthalene	13.74	128	135760	19.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	42354	20.171	ug/l	99

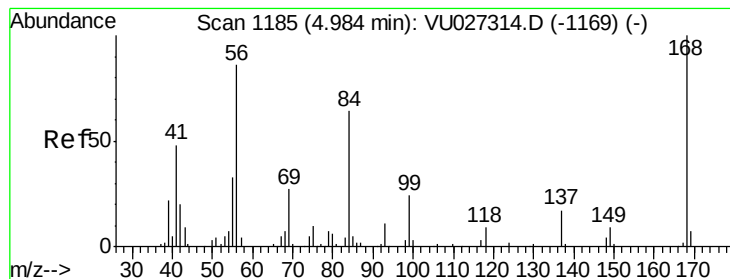
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

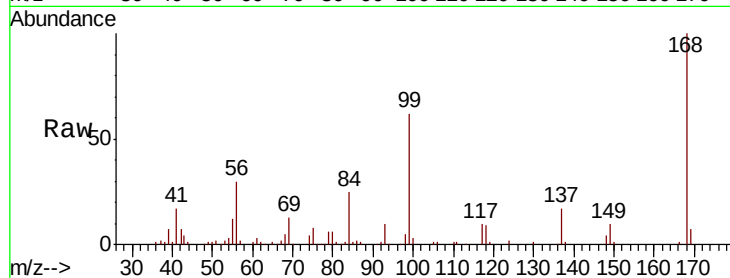
VU1010WBS02

Tgt Ion:168 Resp: 133222

Ion Ratio Lower Upper

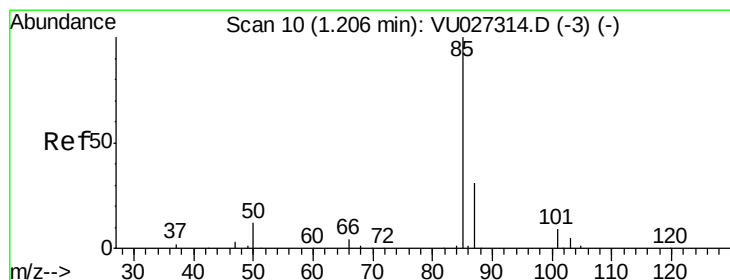
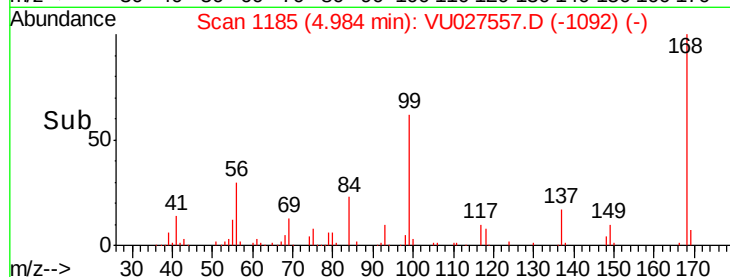
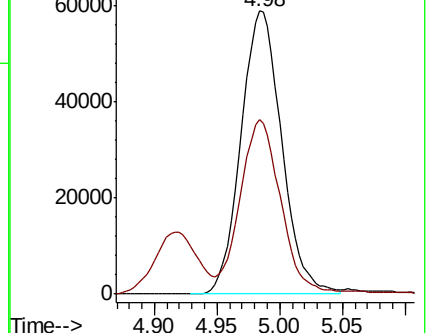
168 100

99 60.5 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: 18.827 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027557.D

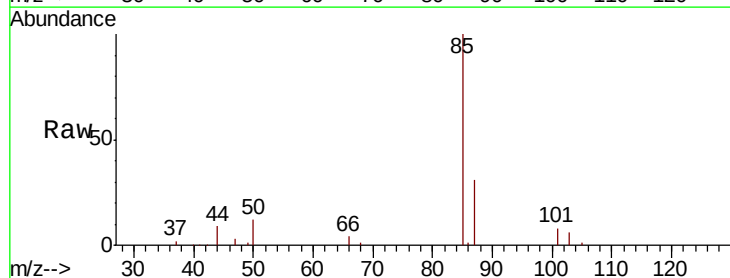
Acq: 10 Oct 2018 09:06

Tgt Ion: 85 Resp: 36161

Ion Ratio Lower Upper

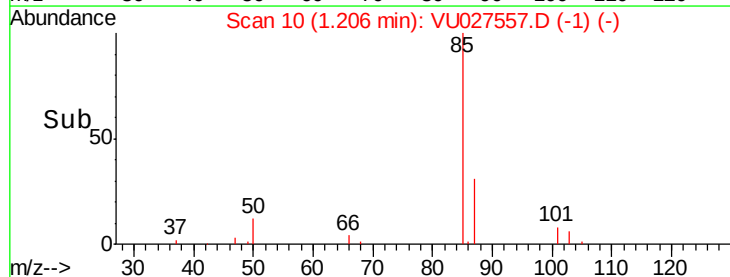
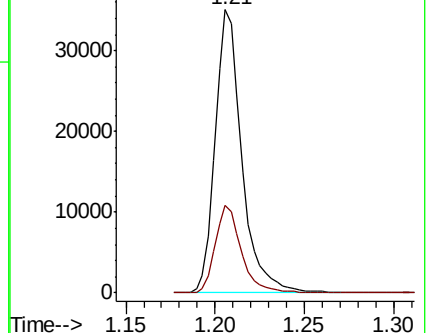
85 100

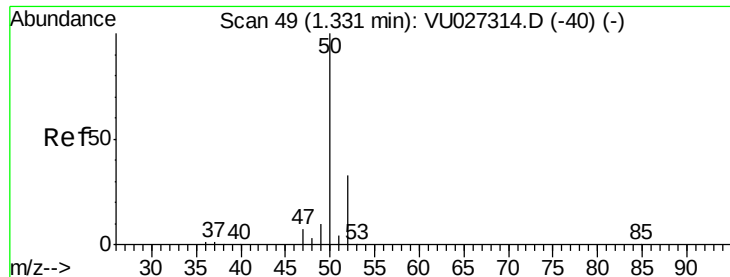
87 30.9 15.7 47.1



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: 17.683 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

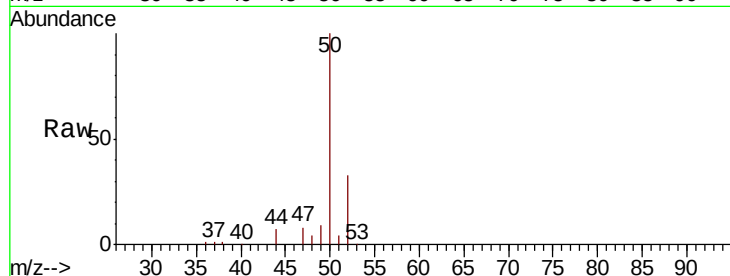
VU1010WBS02

Tgt Ion: 50 Resp: 45981

Ion Ratio Lower Upper

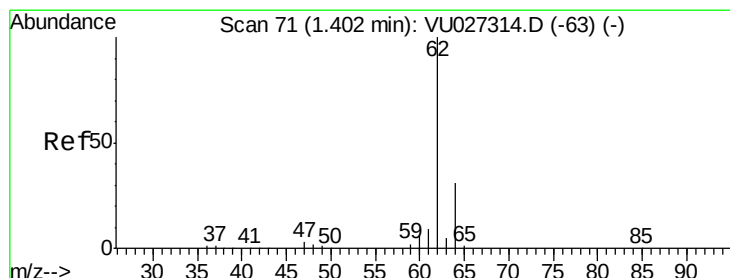
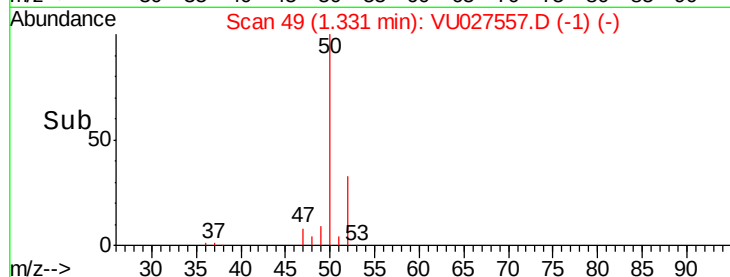
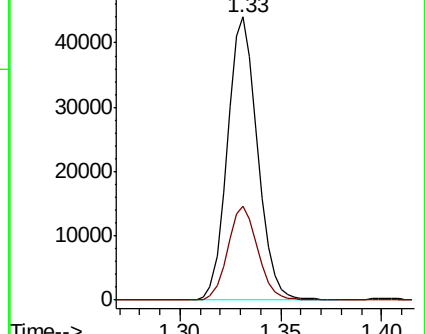
50 100

52 33.0 26.5 39.7



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

Ion 51.90 (51.60 to 52.60): VU027557.D (-1) (-)



#4

Vinyl Chloride

Concen: 18.079 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027557.D

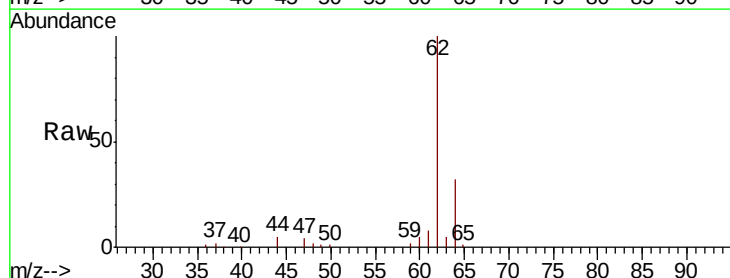
Acq: 10 Oct 2018 09:06

Tgt Ion: 62 Resp: 44192

Ion Ratio Lower Upper

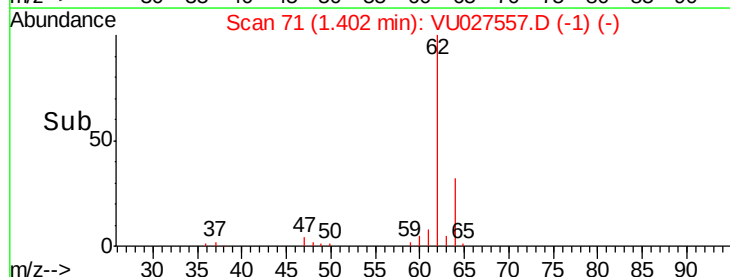
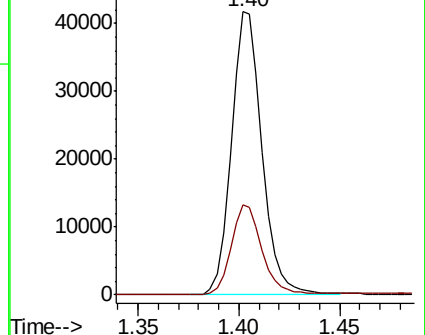
62 100

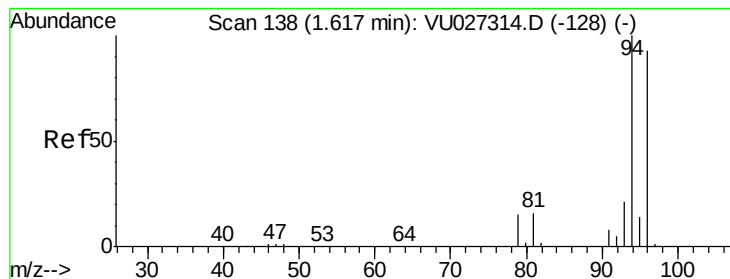
64 31.9 24.9 37.3



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

Ion 63.90 (63.60 to 64.60): VU027557.D (-1) (-)





#5

Bromomethane

Concen: 23.769 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

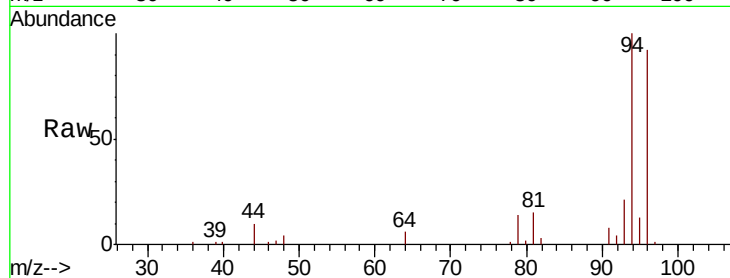
VU1010WBS02

Tgt Ion: 94 Resp: 25140

Ion Ratio Lower Upper

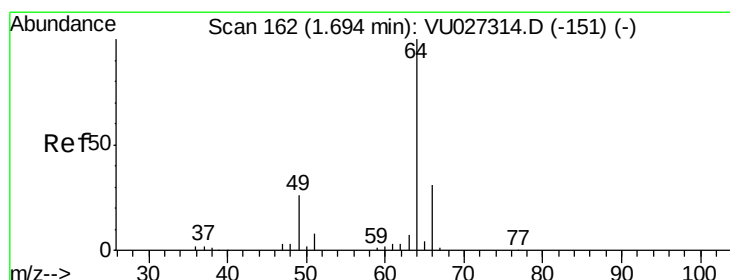
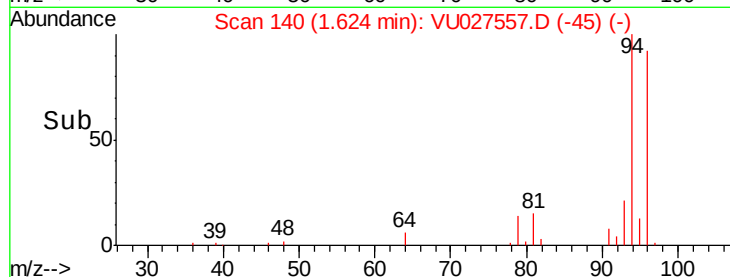
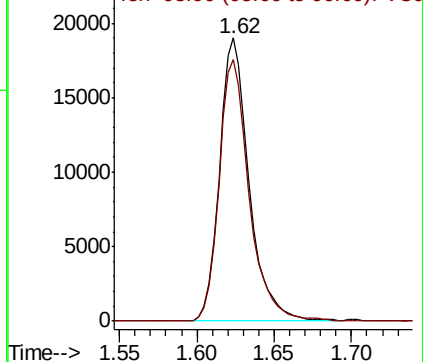
94 100

96 92.5 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 17.262 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027557.D

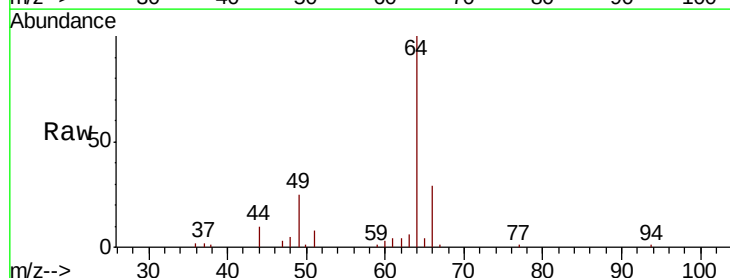
Acq: 10 Oct 2018 09:06

Tgt Ion: 64 Resp: 25355

Ion Ratio Lower Upper

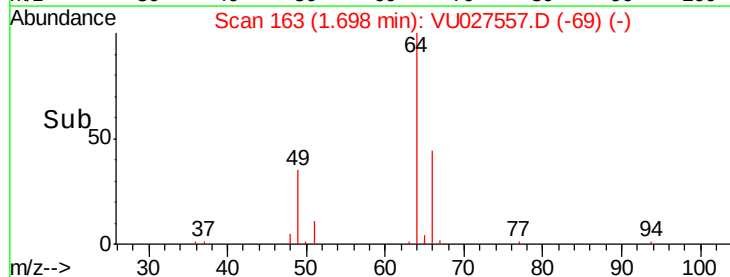
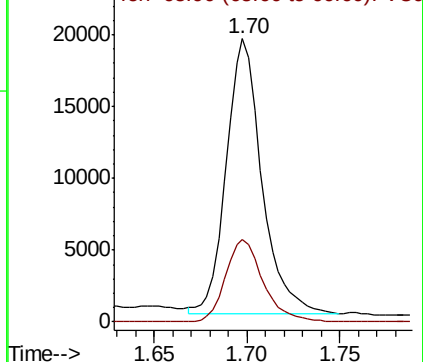
64 100

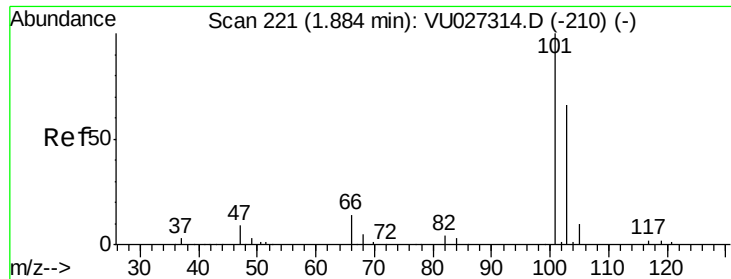
66 30.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



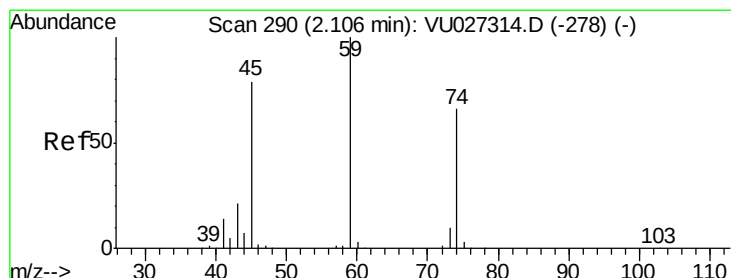
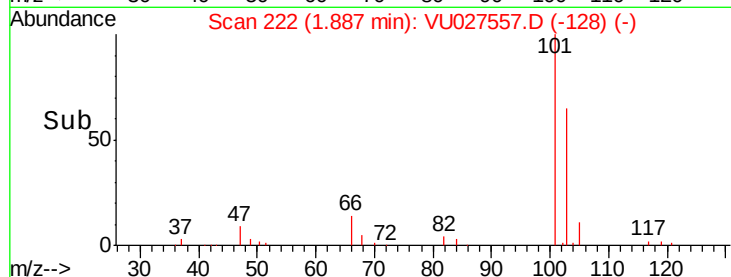
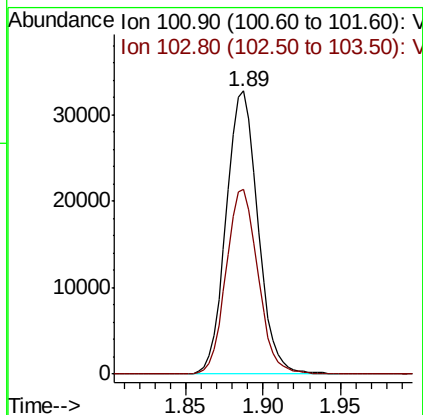
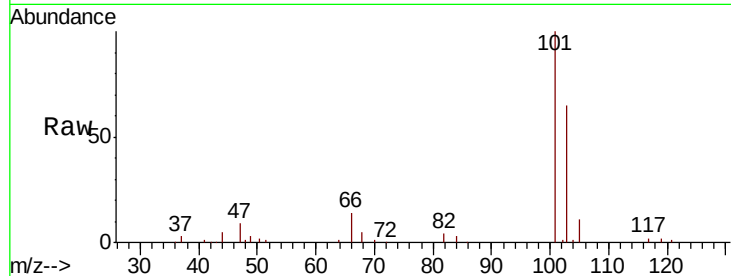


#7

Trichlorofluoromethane
Concen: 18.755 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
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VU1010WBS02

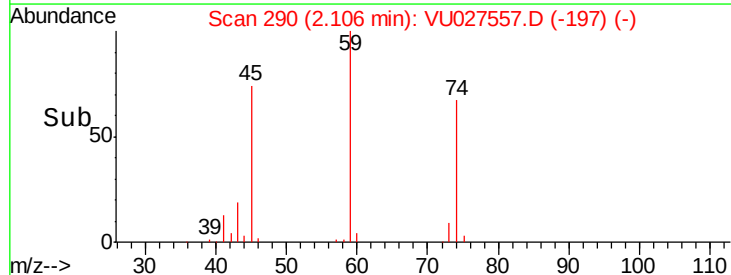
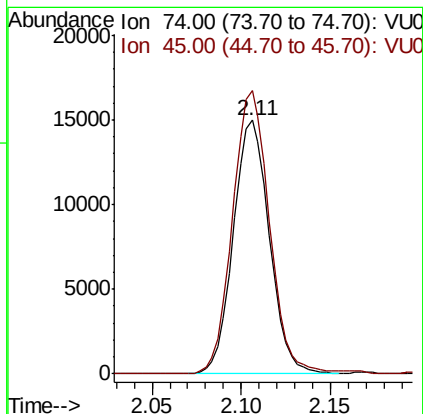
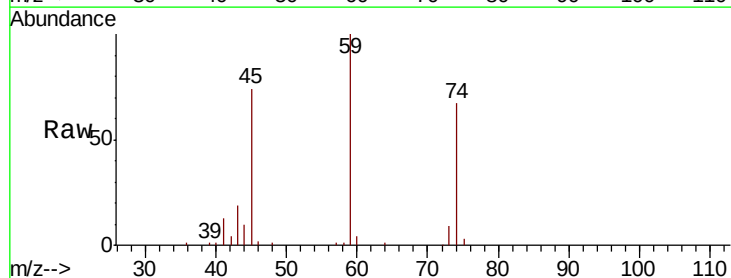
Tgt Ion:101 Resp: 46515
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8

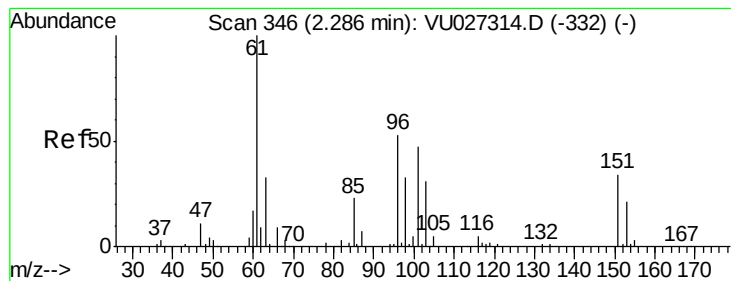


#8

Diethyl Ether
Concen: 18.460 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 74 Resp: 21090
Ion Ratio Lower Upper
74 100
45 114.2 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.941 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

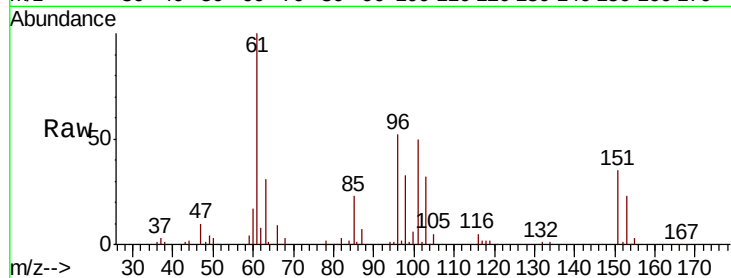
Tgt Ion:101 Resp: 28722

Ion Ratio Lower Upper

101 100

85 46.0 37.5 56.3

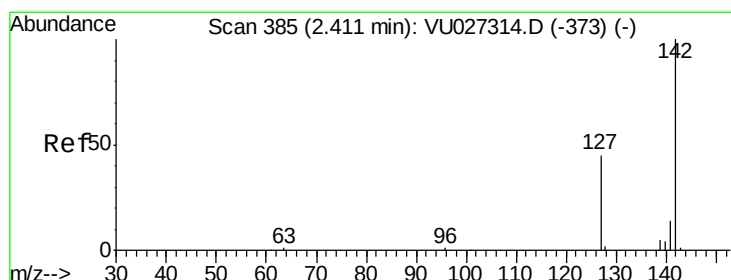
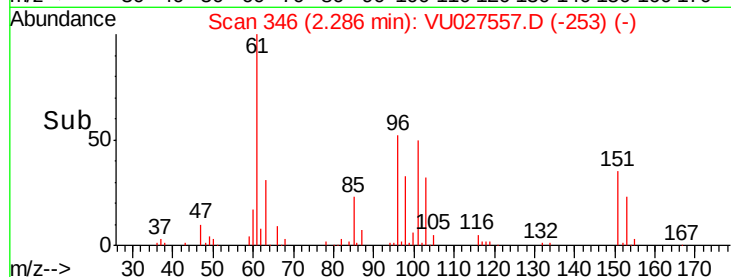
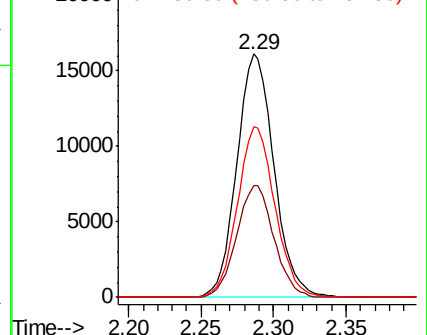
151 70.6 55.6 83.4



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: 25.488 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

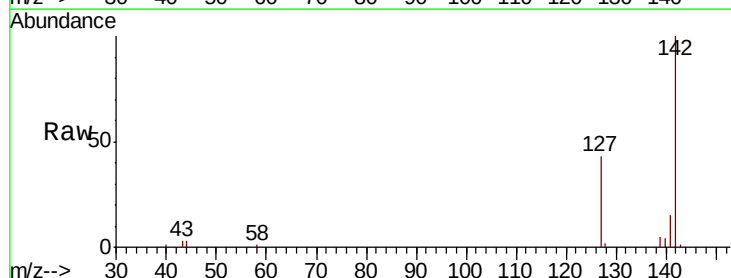
Tgt Ion:142 Resp: 25950

Ion Ratio Lower Upper

142 100

127 43.2 36.3 54.5

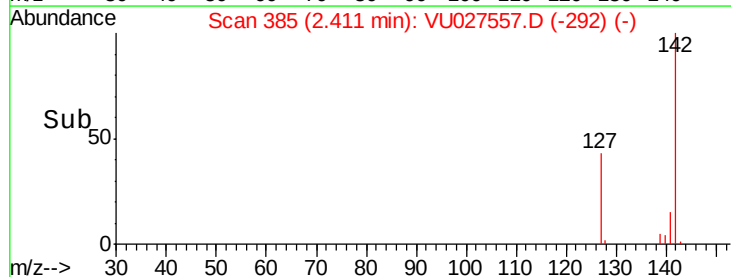
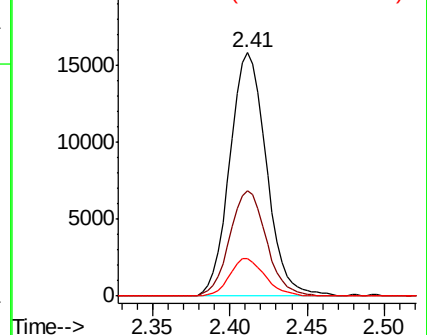
141 14.9 11.6 17.4

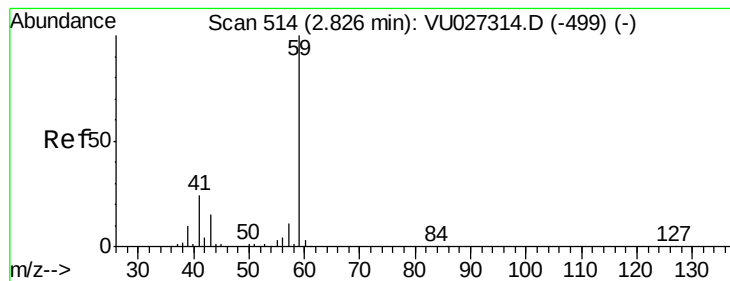


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.182 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

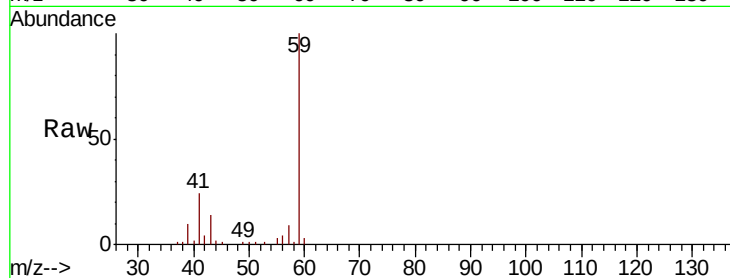
VU1010WBS02

Tgt Ion: 59 Resp: 44589

Ion Ratio Lower Upper

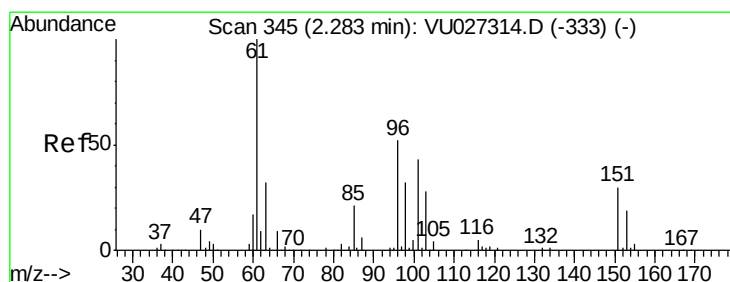
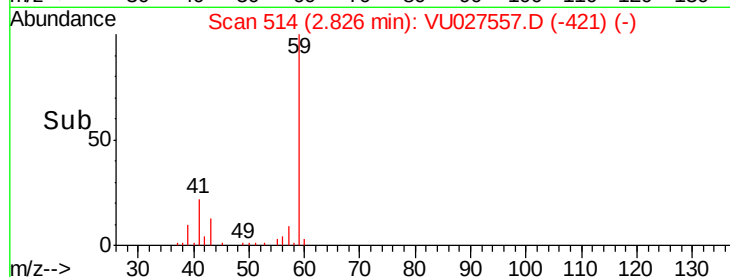
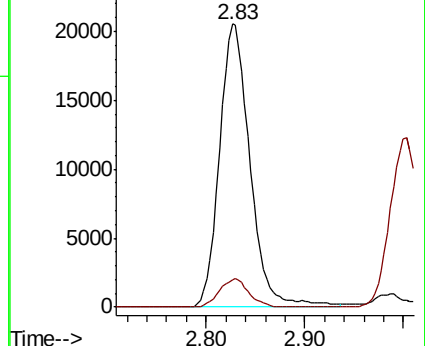
59 100

57 9.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 18.777 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

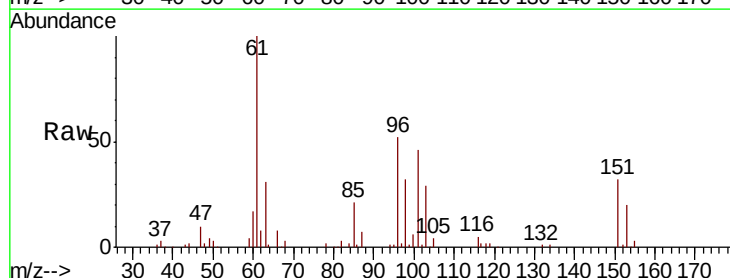
Tgt Ion: 96 Resp: 26423

Ion Ratio Lower Upper

96 100

61 194.1 153.0 229.6

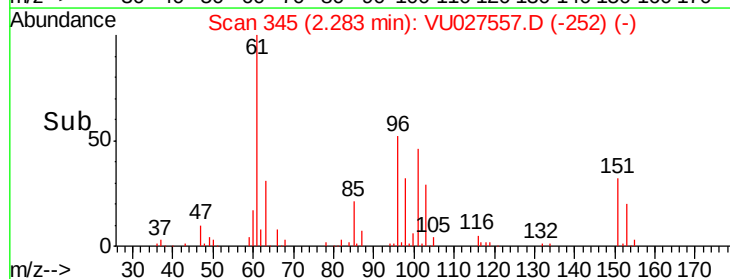
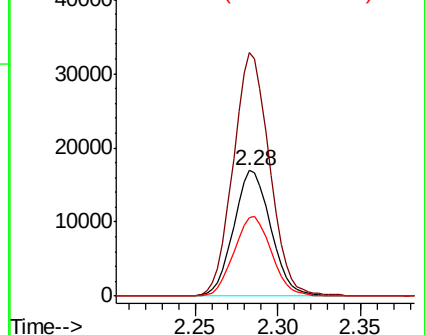
98 62.8 49.3 73.9

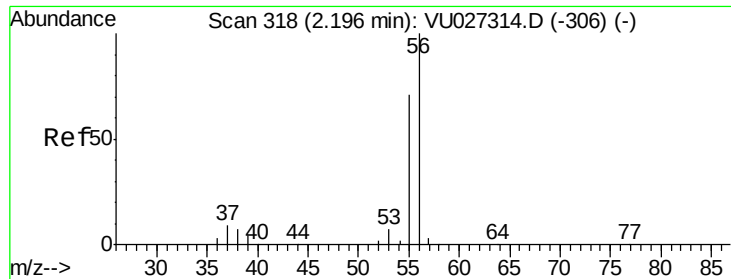


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#13

Acrolein

Concen: 39.045 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

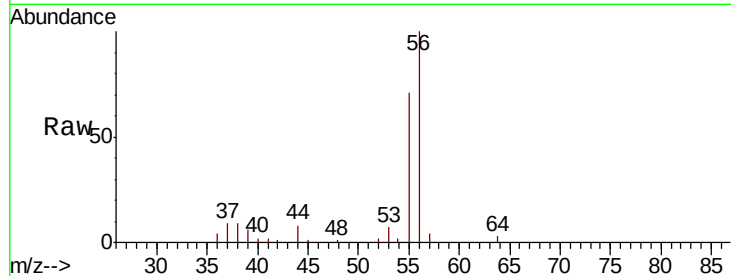
VU1010WBS02

Tgt Ion: 56 Resp: 15348

Ion Ratio Lower Upper

56 100

55 71.9 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.20

12000

10000

8000

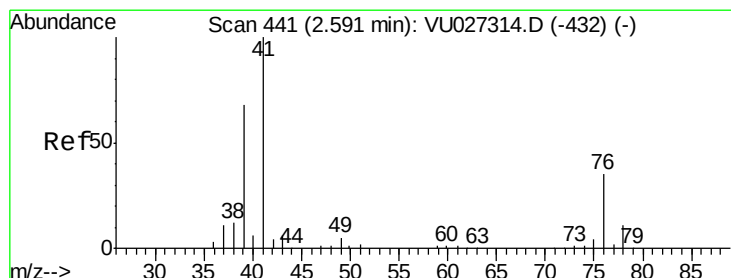
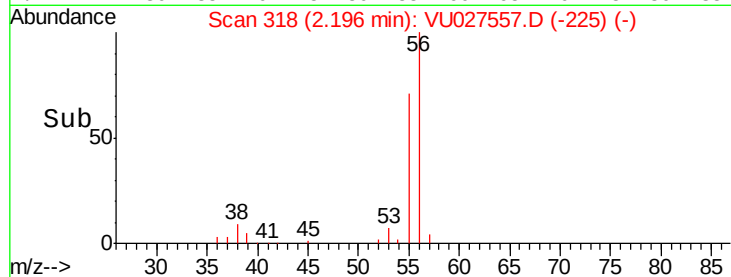
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 17.990 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

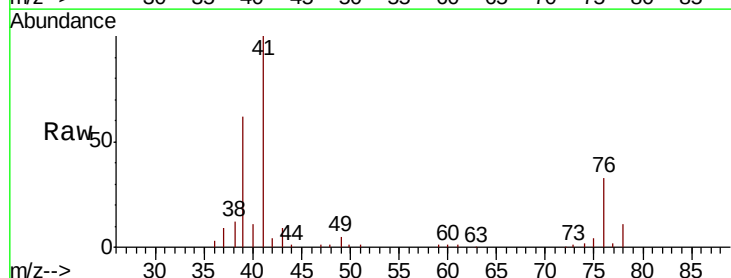
Tgt Ion: 41 Resp: 60116

Ion Ratio Lower Upper

41 100

39 60.4 51.8 77.8

76 32.8 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.59

40000

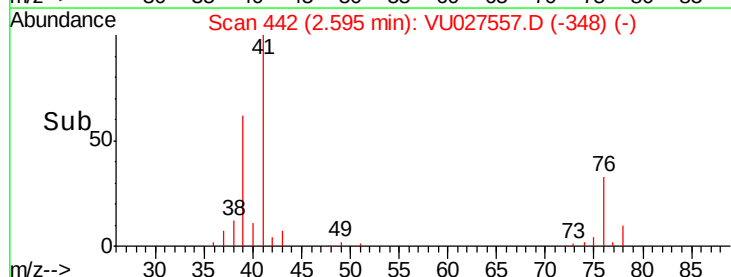
30000

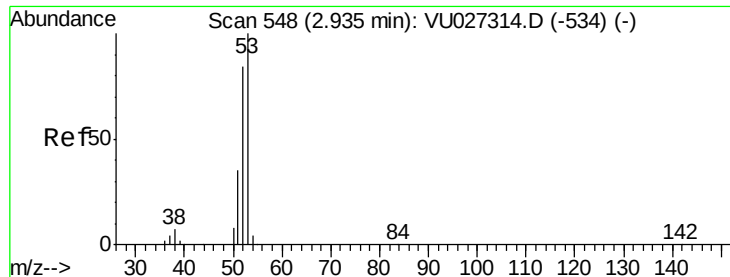
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 94.075 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

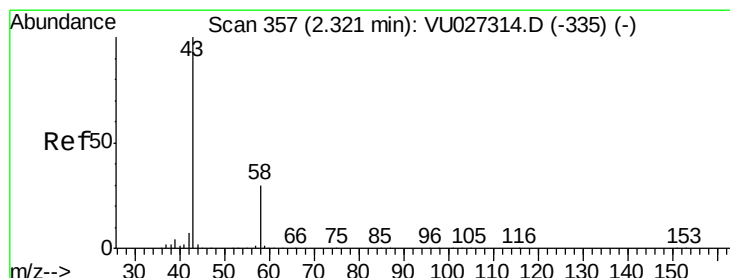
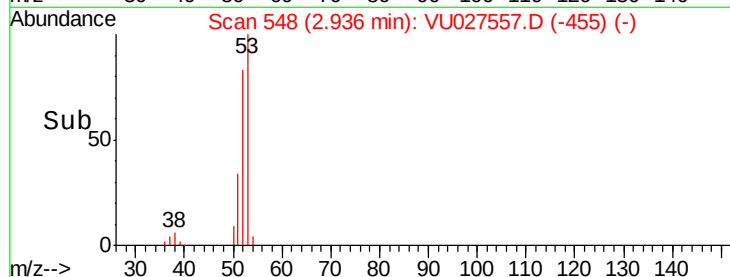
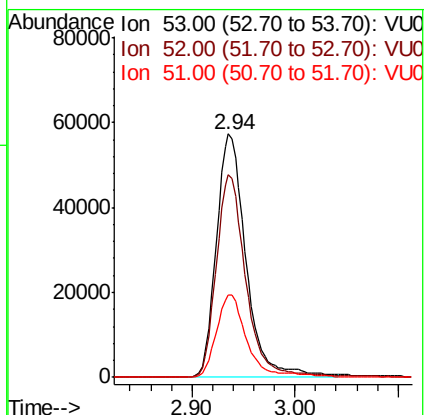
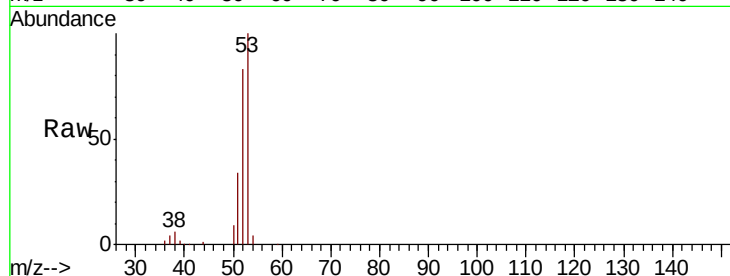
Tgt Ion: 53 Resp: 114703

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 35.0 27.6 41.4



#16

Acetone

Concen: 86.699 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027557.D

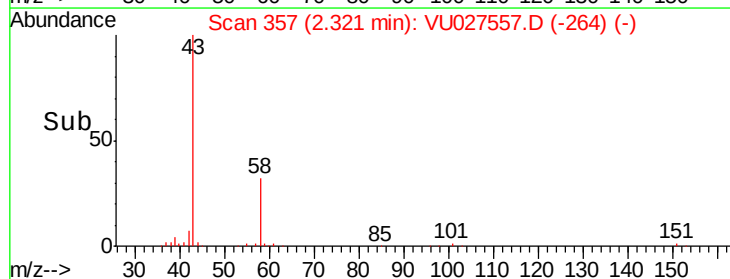
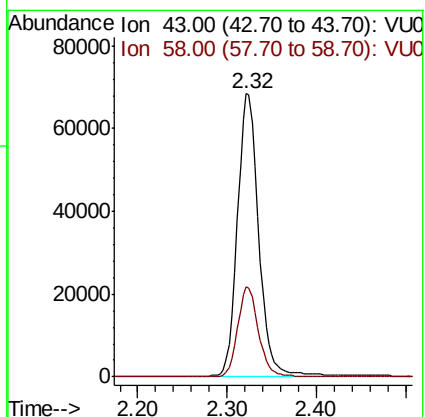
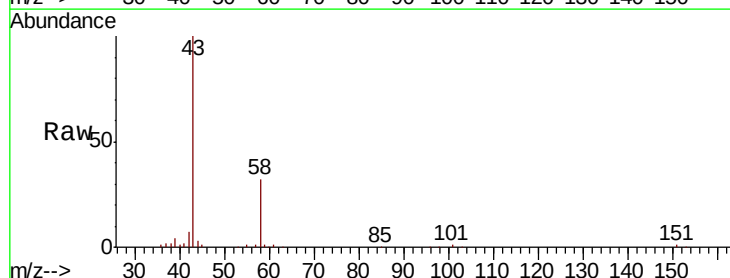
Acq: 10 Oct 2018 09:06

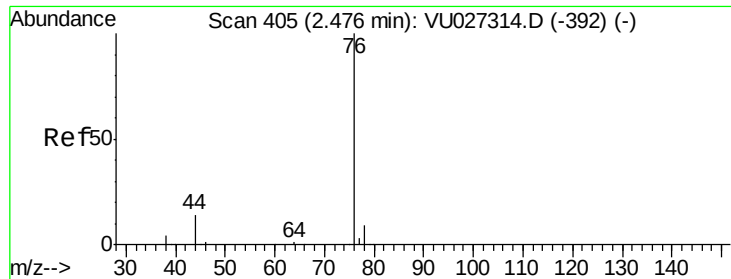
Tgt Ion: 43 Resp: 113939

Ion Ratio Lower Upper

43 100

58 31.8 24.2 36.4





#17

Carbon Disulfide

Concen: 16.052 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

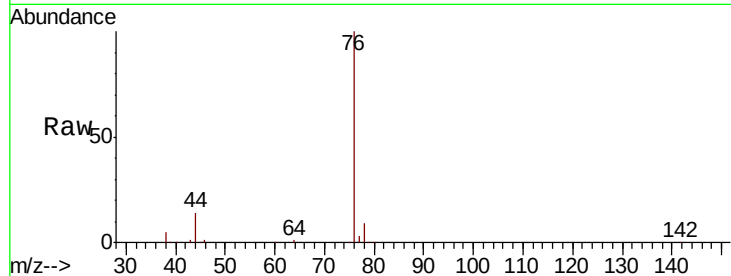
VU1010WBS02

Tgt Ion: 76 Resp: 81471

Ion Ratio Lower Upper

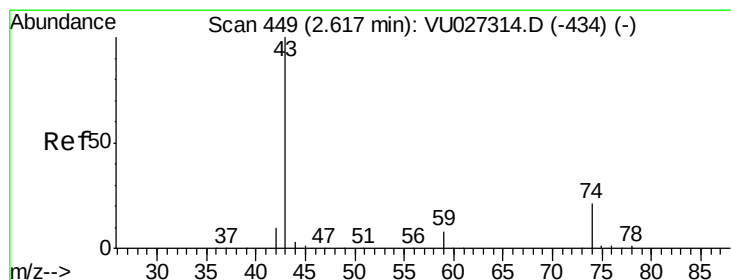
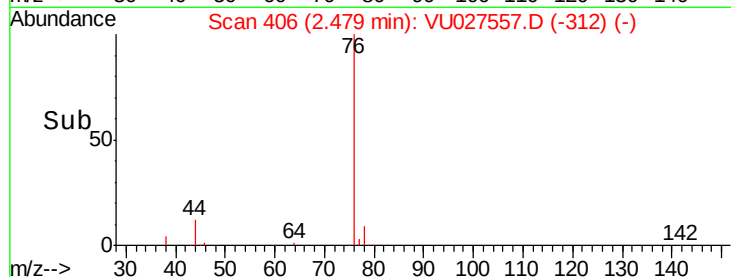
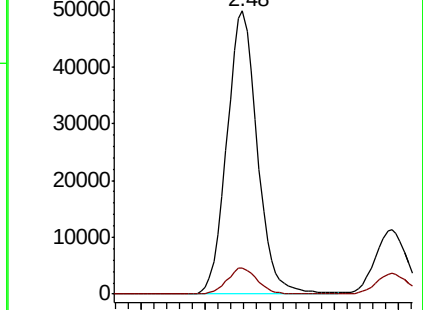
76 100

78 9.1 7.3 10.9



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

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



#18

Methyl Acetate

Concen: 20.941 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027557.D

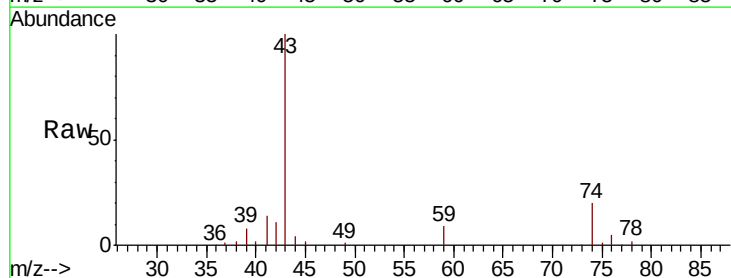
Acq: 10 Oct 2018 09:06

Tgt Ion: 43 Resp: 62781

Ion Ratio Lower Upper

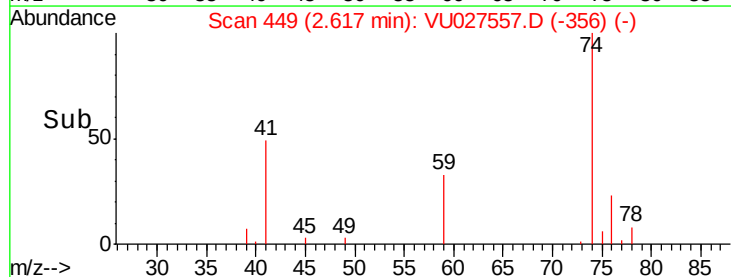
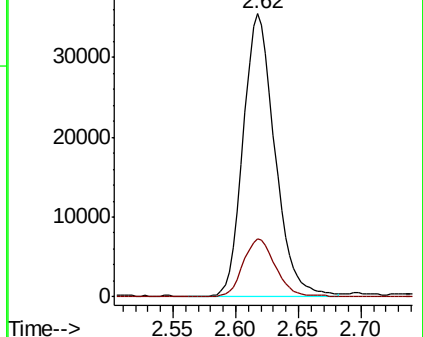
43 100

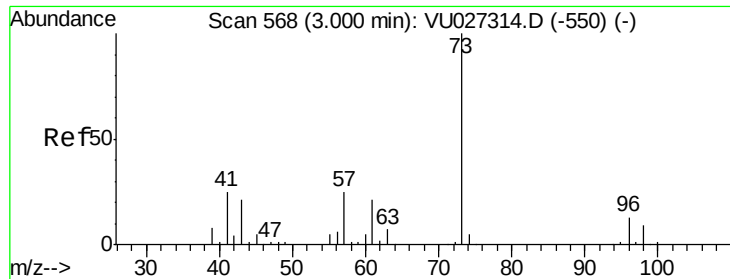
74 20.6 16.5 24.7



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

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

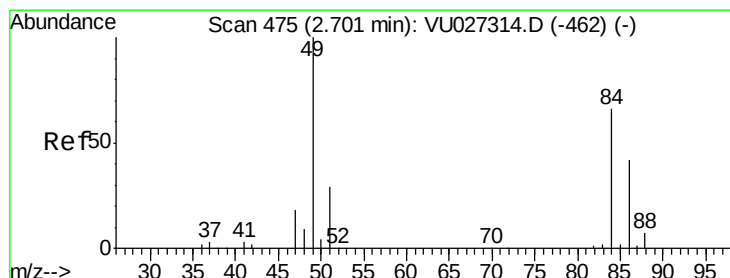
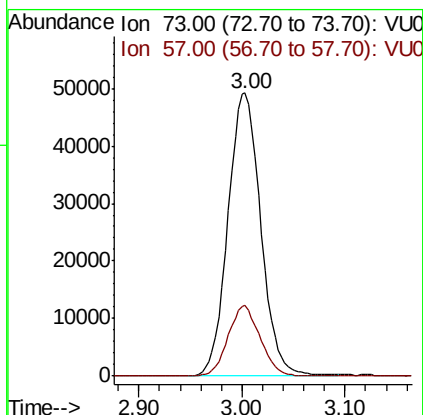
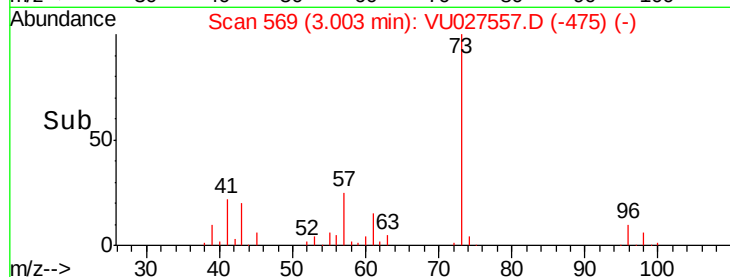
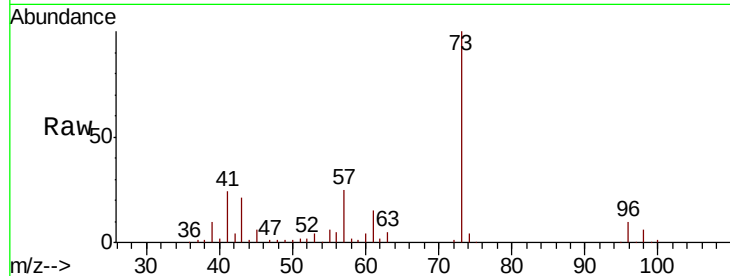




#19
Methyl tert-butyl Ether
Concen: 19.376 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

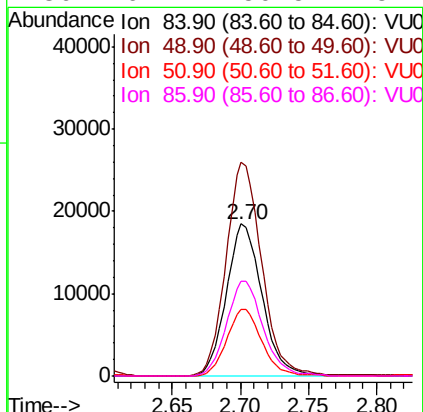
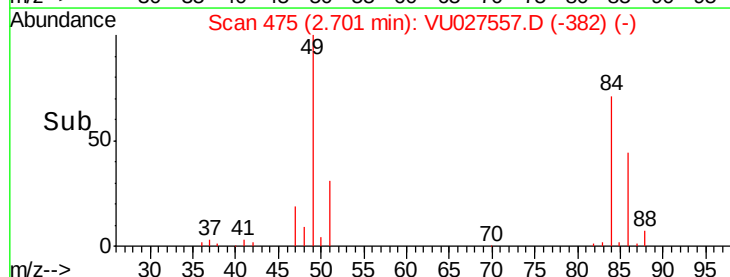
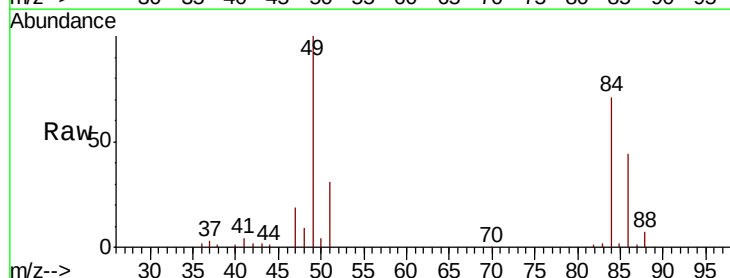
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

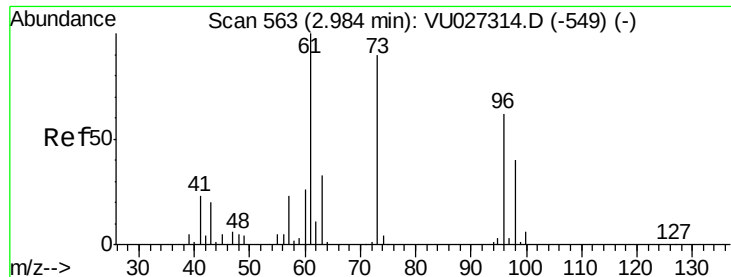
Tgt Ion: 73 Resp: 109253
Ion Ratio Lower Upper
73 100
57 24.9 20.0 30.0



#20
Methylene Chloride
Concen: 18.396 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 84 Resp: 33675
Ion Ratio Lower Upper
84 100
49 140.5 120.5 180.7
51 43.9 35.1 52.7
86 62.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.494 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

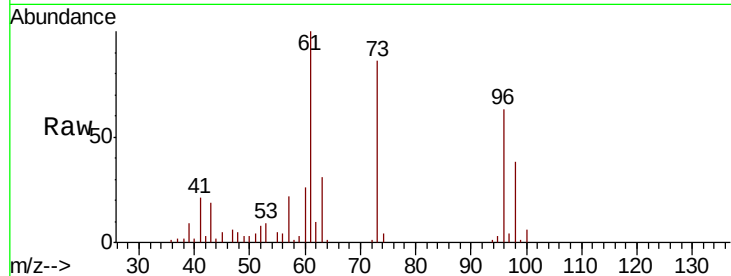
Tgt Ion: 96 Resp: 29218

Ion Ratio Lower Upper

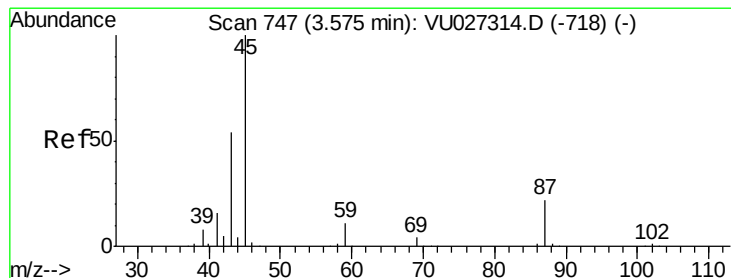
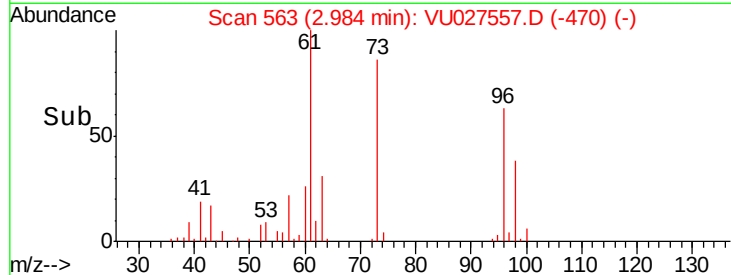
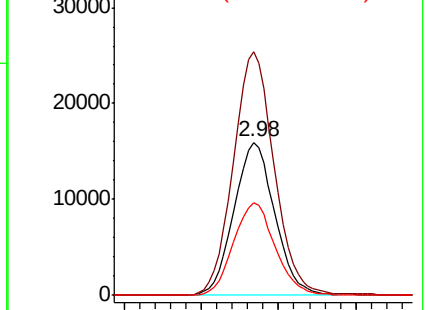
96 100

61 159.1 129.4 194.2

98 60.2 51.2 76.8



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



#22

Diisopropyl ether

Concen: 18.769 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Tgt Ion: 45 Resp: 127481

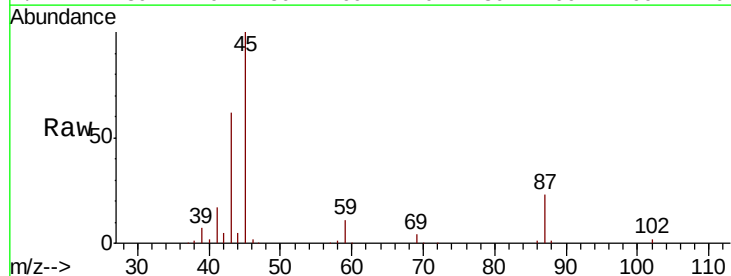
Ion Ratio Lower Upper

45 100

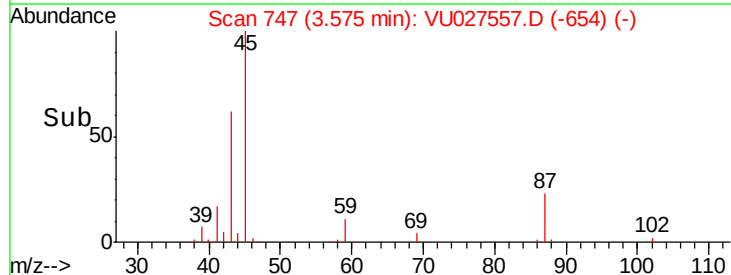
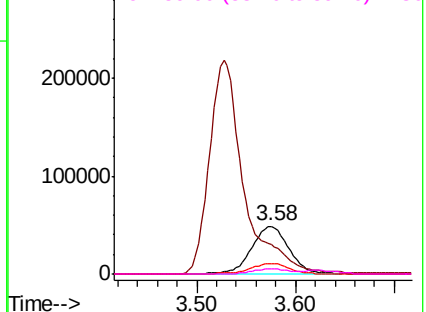
43 57.4 43.4 65.2

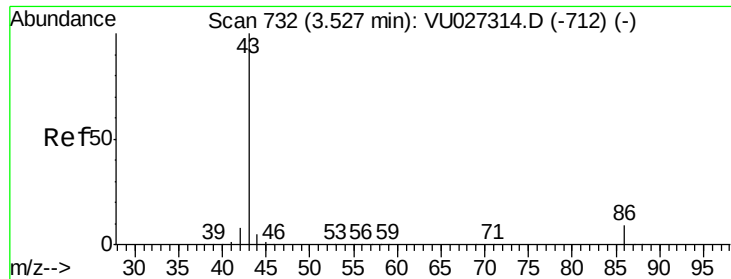
87 22.9 17.5 26.3

59 10.9 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: 90.753 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

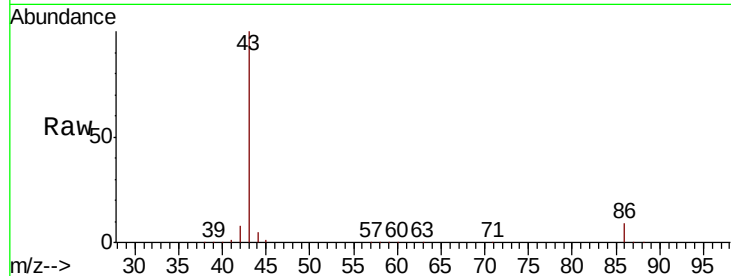
VU1010WBS02

Tgt Ion: 43 Resp: 538303

Ion Ratio Lower Upper

43 100

86 9.0 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-712) (-)

Ion 86.00 (85.70 to 86.70): VU027314.D (-712) (-)

3.53

250000

200000

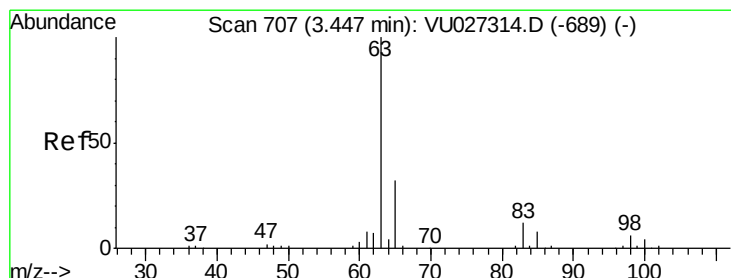
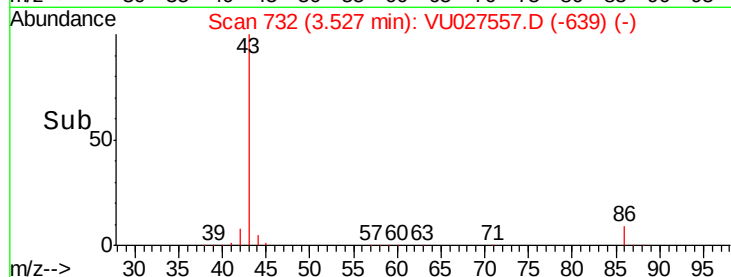
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.721 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

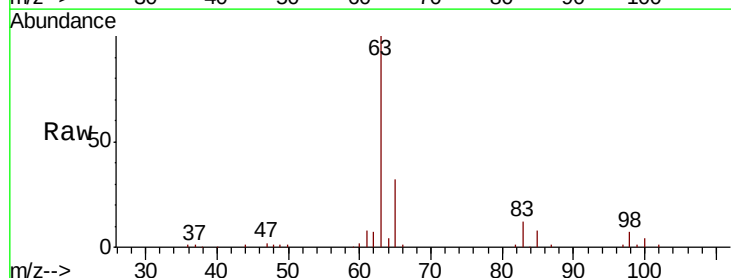
Tgt Ion: 63 Resp: 65368

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU027314.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU027314.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU027314.D (-689) (-)

3.45

40000

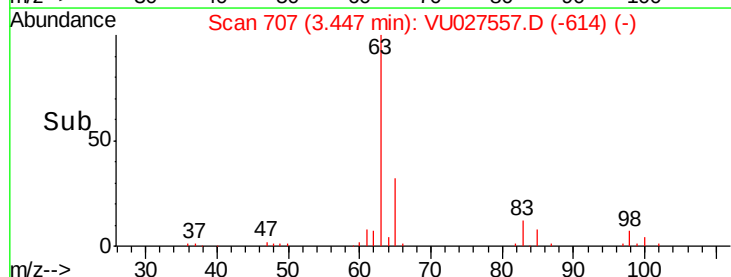
30000

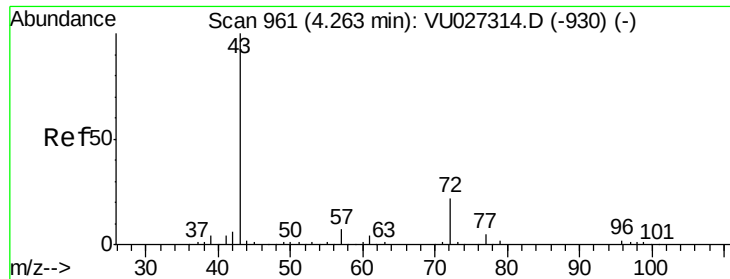
20000

10000

0

Time-->





#25

2-Butanone

Concen: 92.825 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

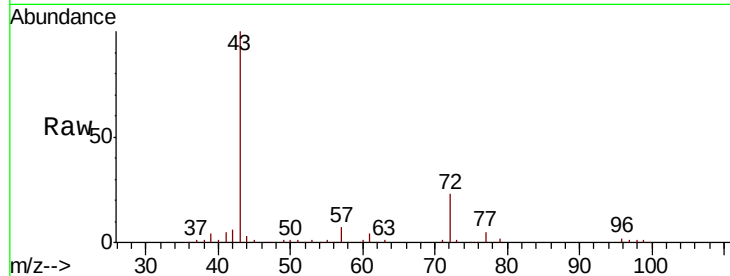
VU1010WBS02

Tgt Ion: 43 Resp: 166352

Ion Ratio Lower Upper

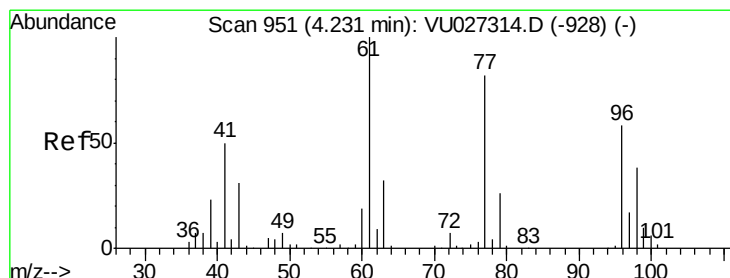
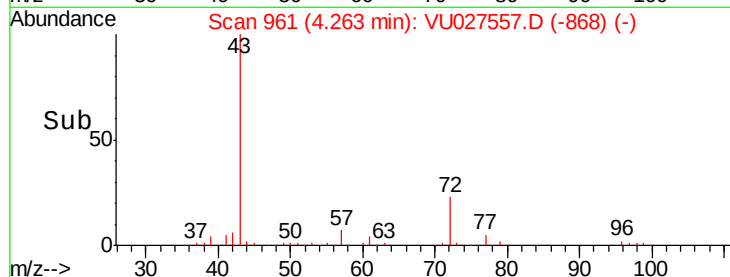
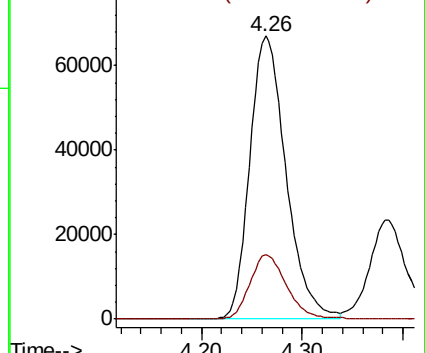
43 100

72 22.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 18.456 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027557.D

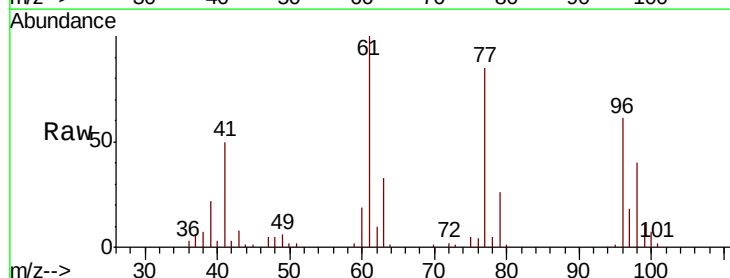
Acq: 10 Oct 2018 09:06

Tgt Ion: 77 Resp: 52950

Ion Ratio Lower Upper

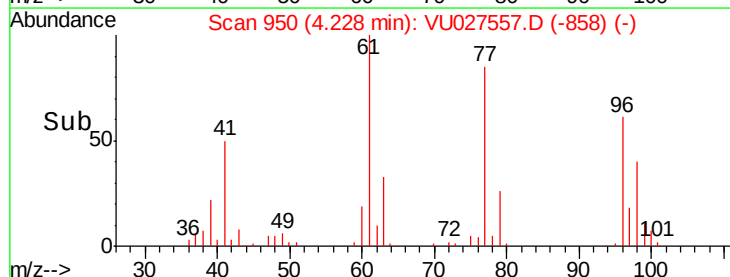
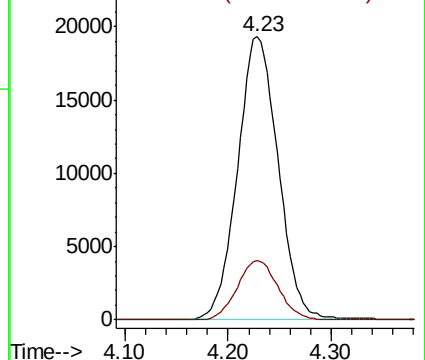
77 100

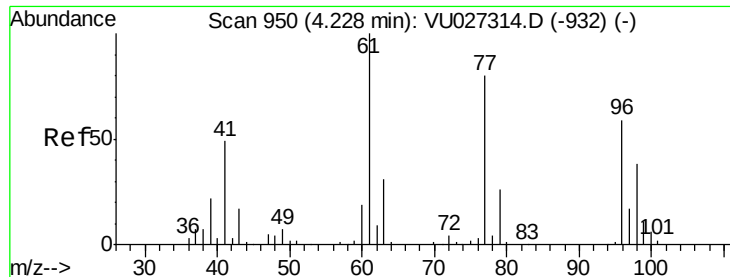
97 21.0 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



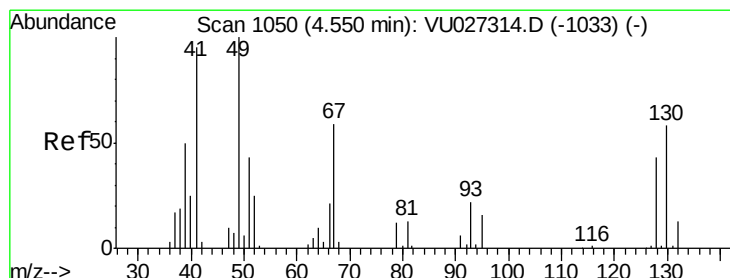
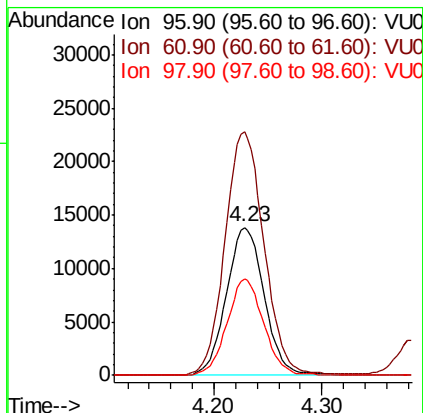
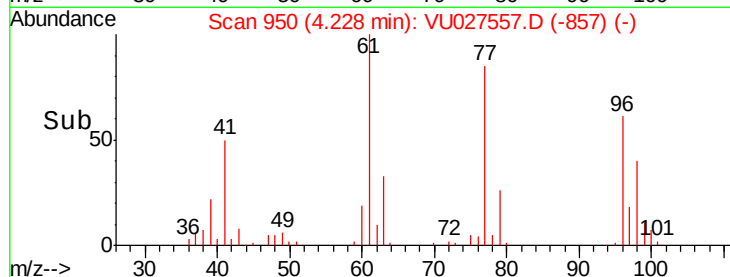
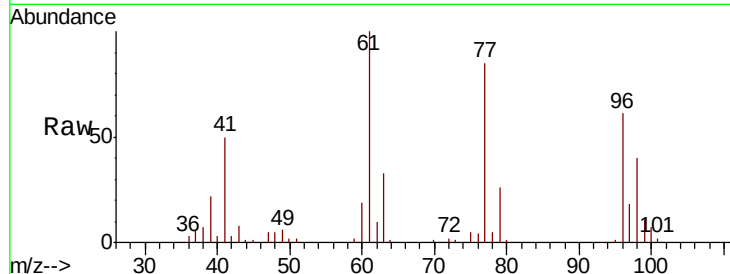


#27

cis-1,2-Dichloroethene
Concen: 18.702 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

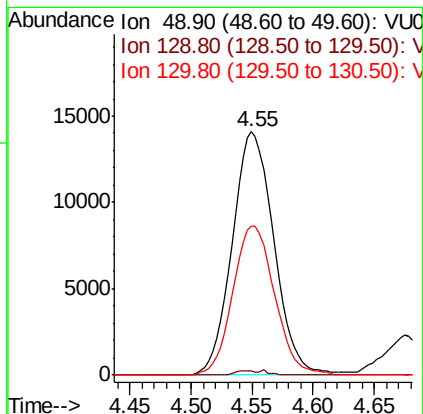
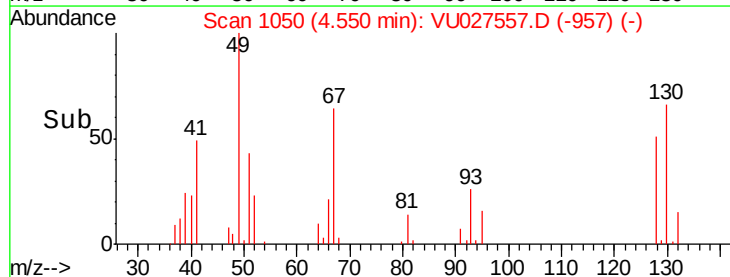
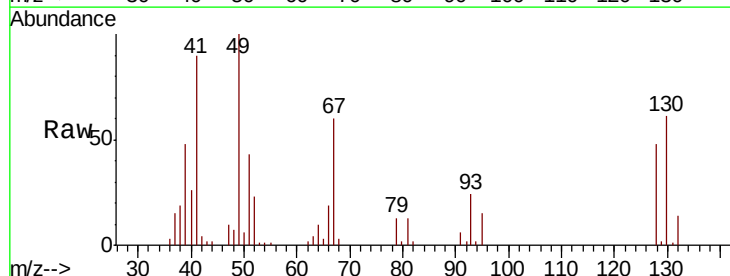
Tgt Ion: 96 Resp: 33789
Ion Ratio Lower Upper
96 100
61 169.5 0.0 343.8
98 63.1 0.0 129.0

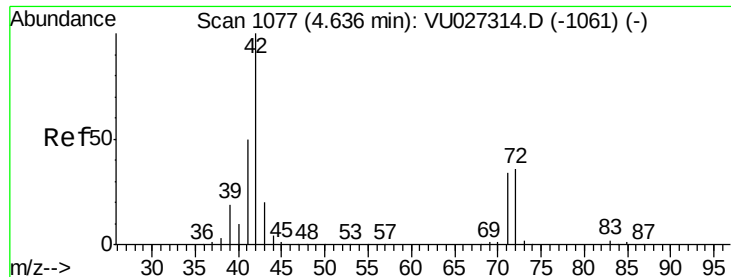


#28

Bromochloromethane
Concen: 19.838 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 49 Resp: 33419
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.0
130 61.2 46.1 69.1

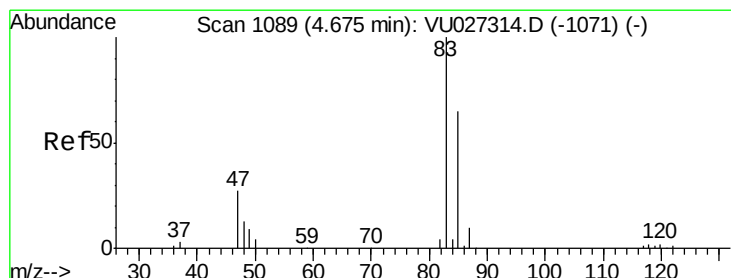
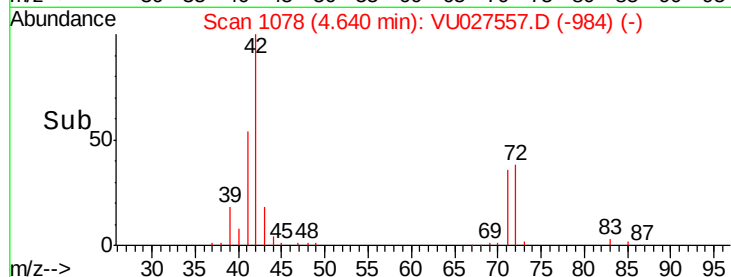
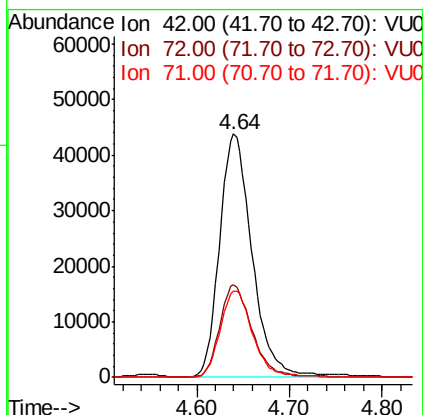
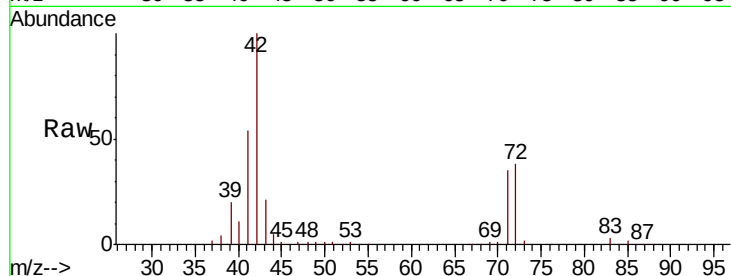




#29
Tetrahydrofuran
Concen: 94.521 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

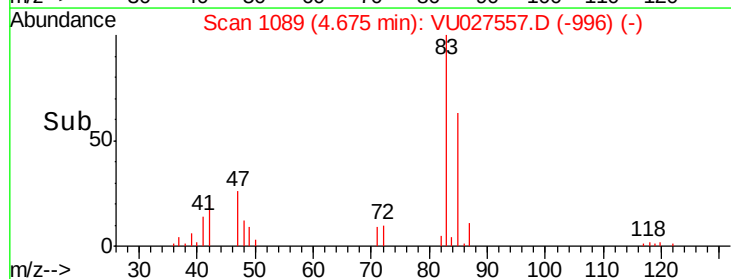
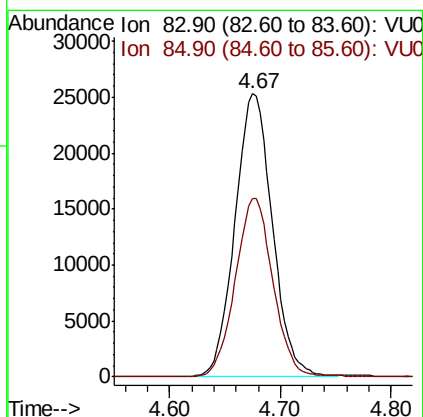
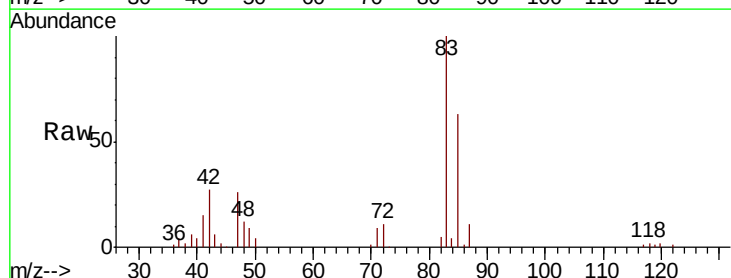
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

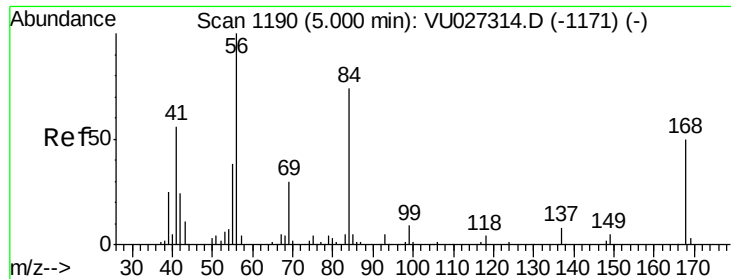
Tgt Ion: 42 Resp: 106753
Ion Ratio Lower Upper
42 100
72 37.8 30.1 45.1
71 35.4 27.7 41.5



#30
Chloroform
Concen: 19.193 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 83 Resp: 59539
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6

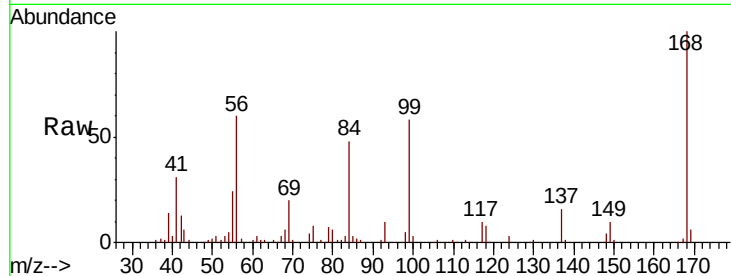




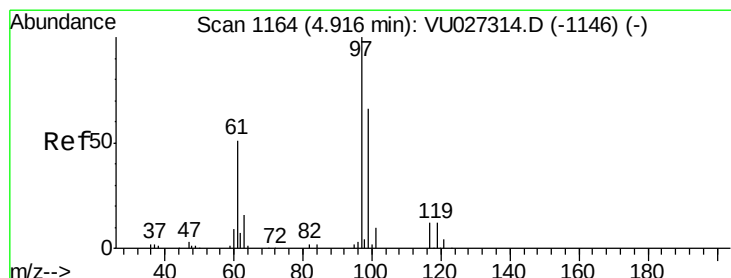
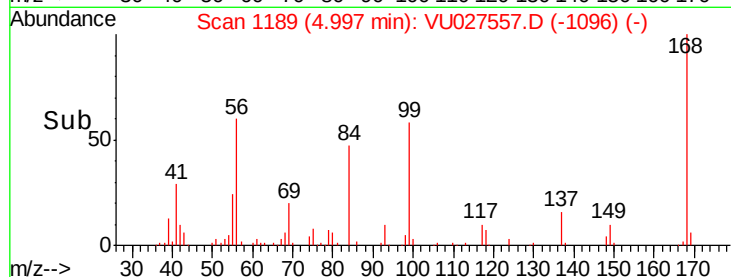
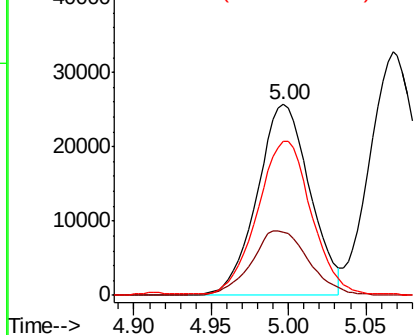
#31
Cyclohexane
Concen: 16.929 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

Tgt Ion: 56 Resp: 60960
Ion Ratio Lower Upper
56 100
69 33.0 24.1 36.1
84 79.9 59.1 88.7

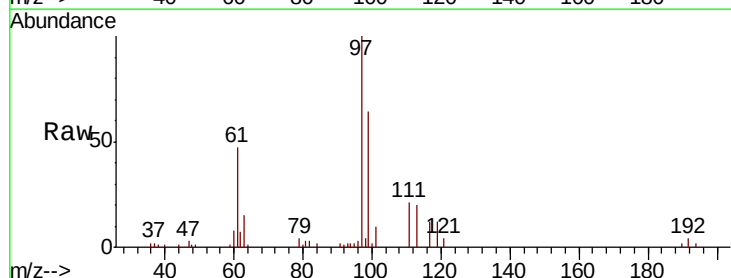


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

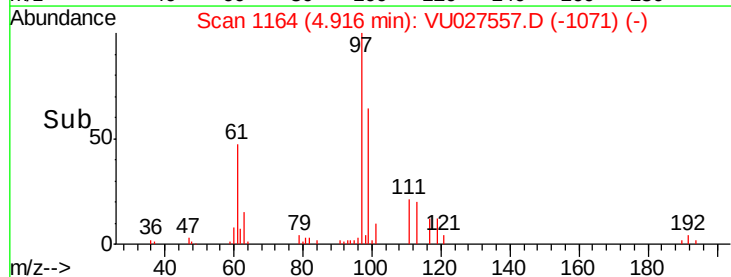
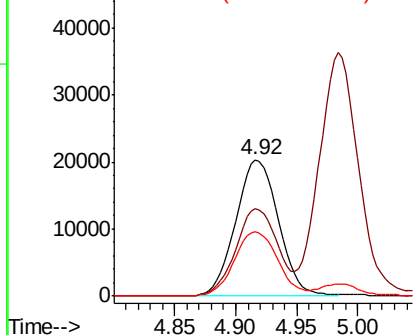


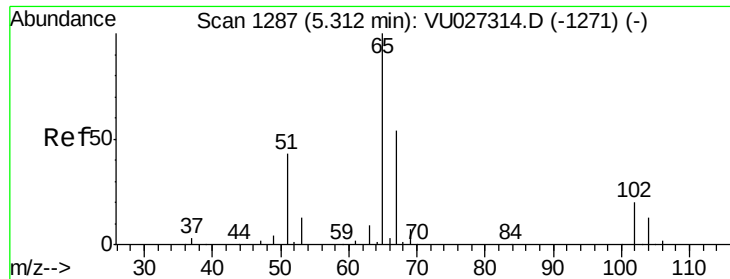
#32
1,1,1-Trichloroethane
Concen: 18.890 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 97 Resp: 49355
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 47.8 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

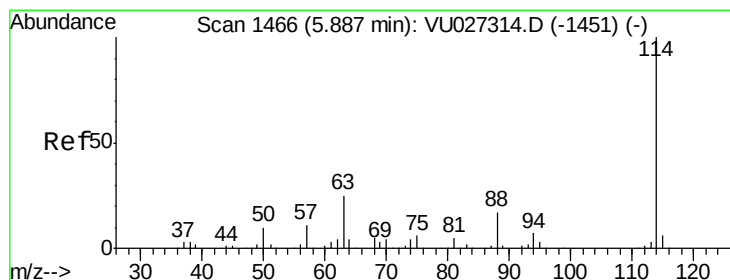
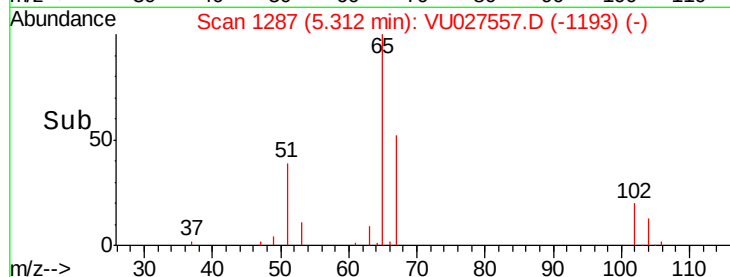
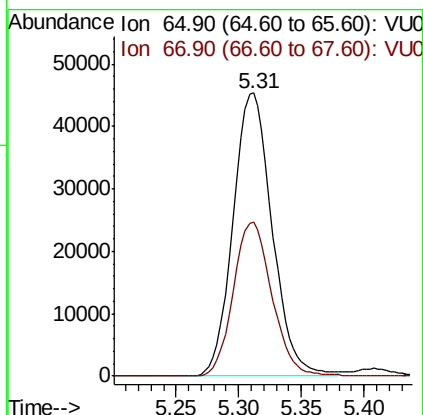
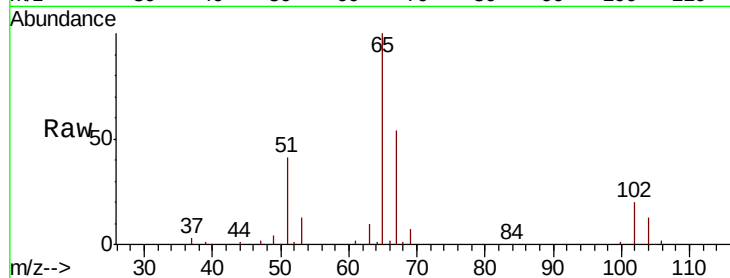




#33
 1,2-Dichloroethane-d4
 Concen: 44.236 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

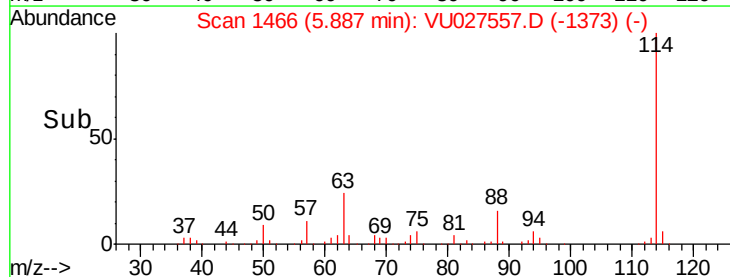
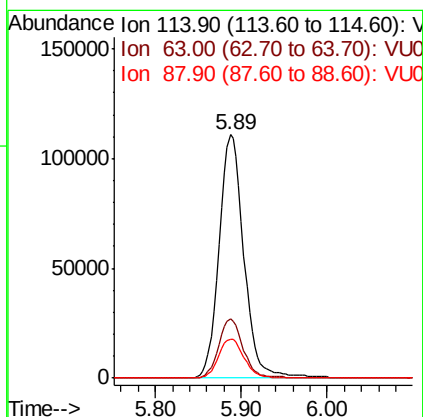
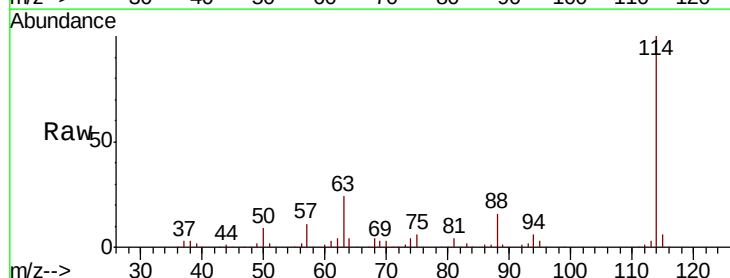
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

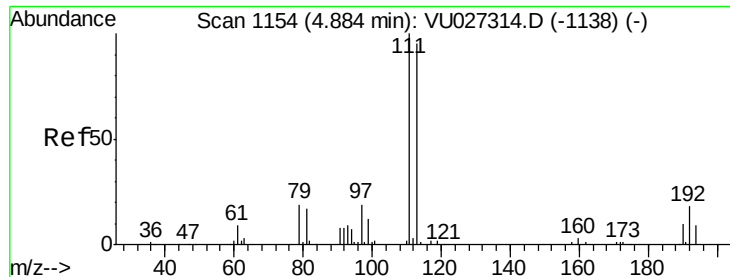
Tgt Ion: 65 Resp: 98406
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 114 Resp: 223014
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.1 0.0 33.8

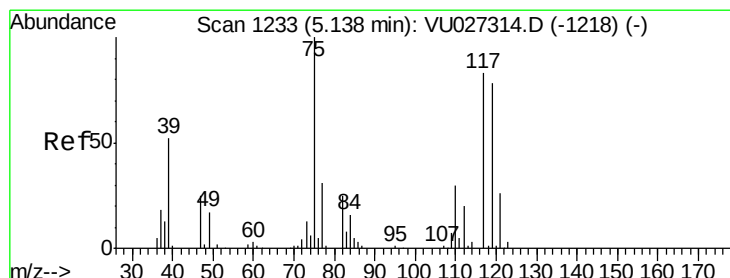
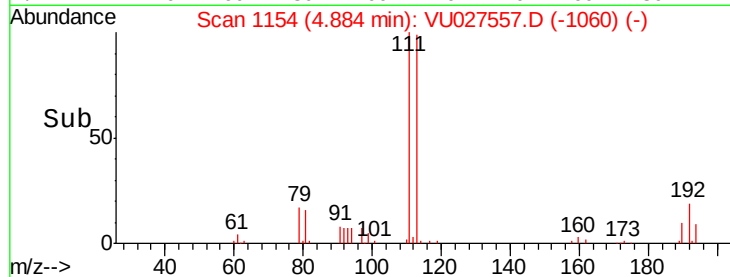
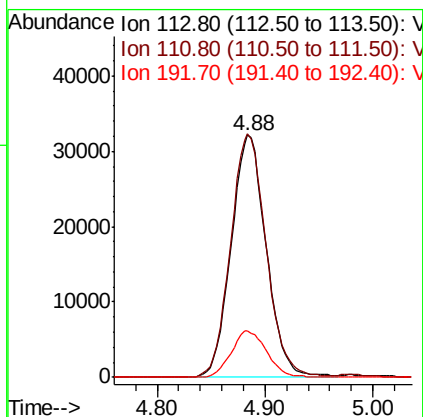
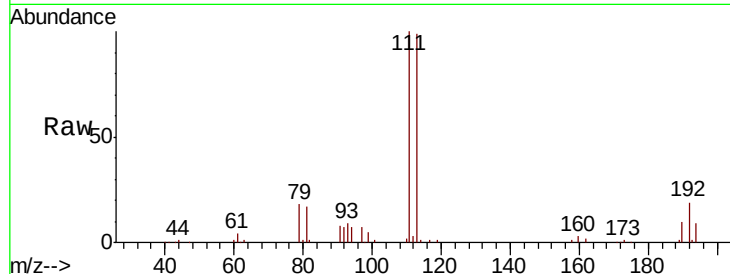




#35
 Dibromofluoromethane
 Concen: 47.577 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

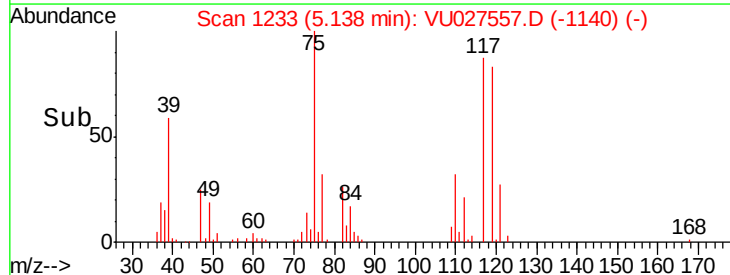
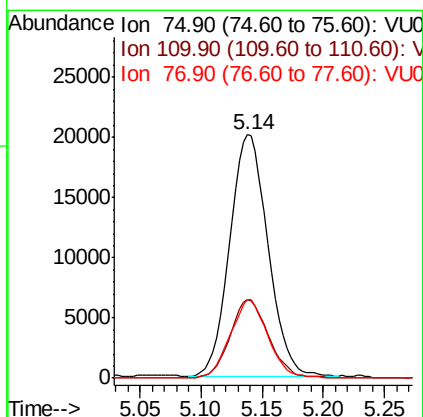
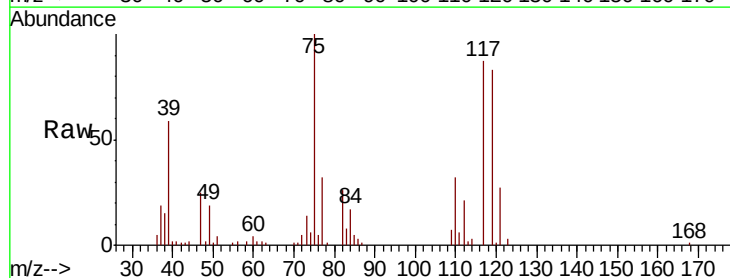
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

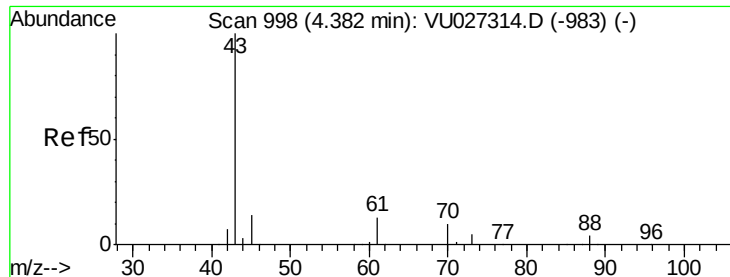
Tgt Ion:113 Resp: 72716
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.1 124.7
 192 19.3 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 18.039 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 75 Resp: 43681
 Ion Ratio Lower Upper
 75 100
 110 32.6 15.5 46.5
 77 31.7 25.4 38.0





#37

Ethyl Acetate

Concen: 18.578 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

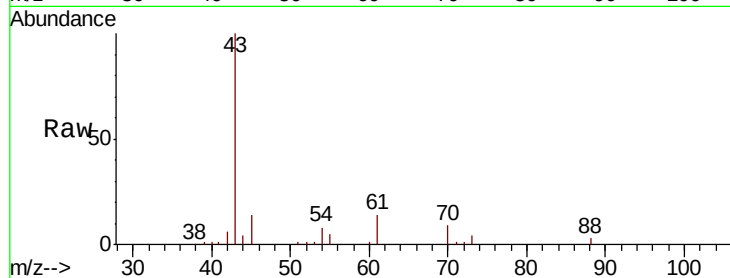
Tgt Ion: 43 Resp: 58138

Ion Ratio Lower Upper

43 100

61 13.8 10.7 16.1

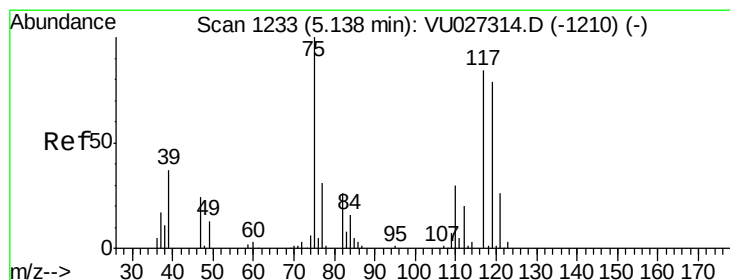
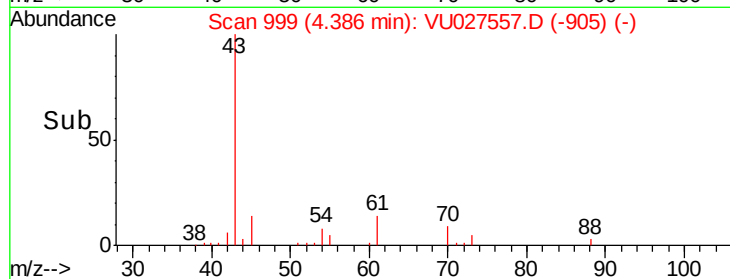
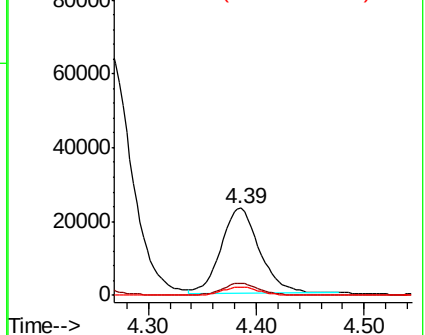
70 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-983) (-)

Ion 70.00 (69.70 to 70.70): VU027314.D (-983) (-)



#38

Carbon Tetrachloride

Concen: 18.963 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

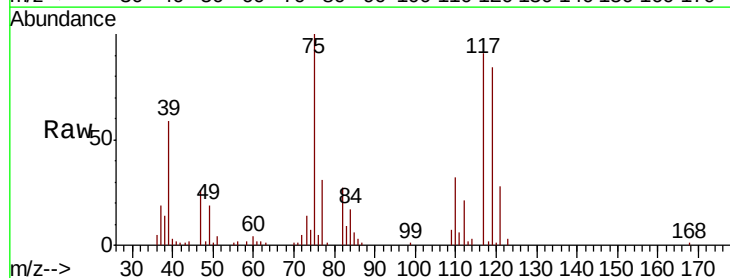
Tgt Ion: 117 Resp: 41477

Ion Ratio Lower Upper

117 100

119 92.8 74.5 111.7

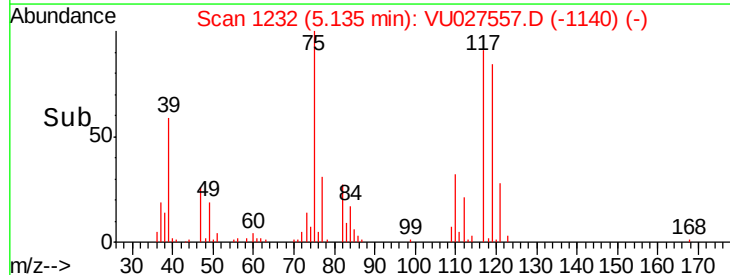
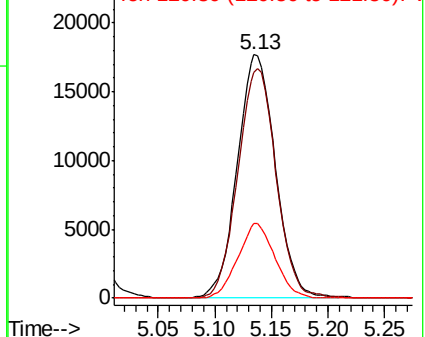
121 30.9 24.6 37.0

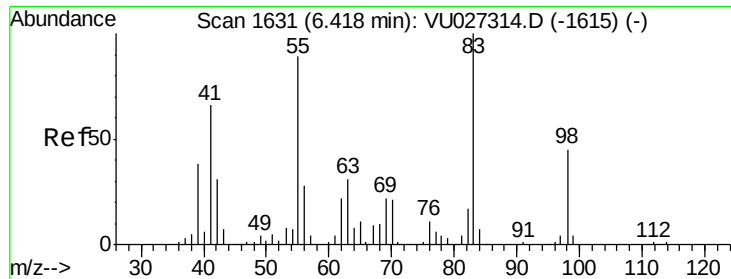


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)

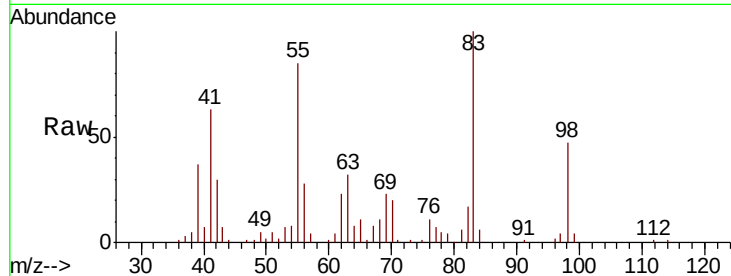




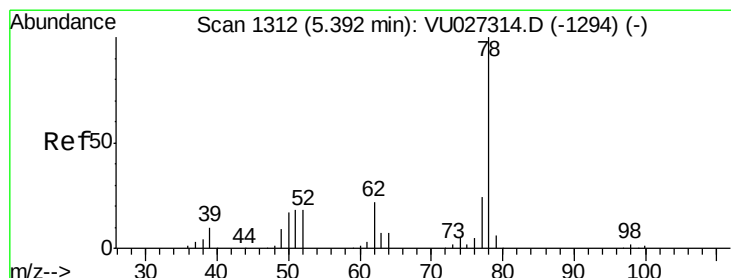
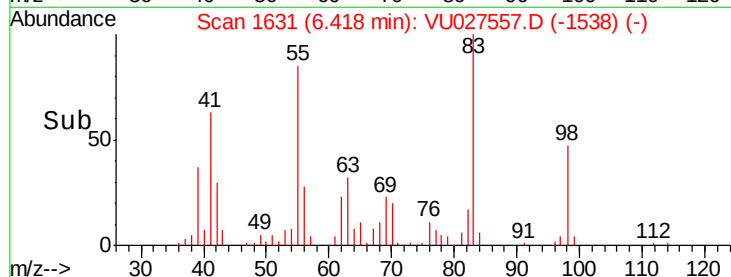
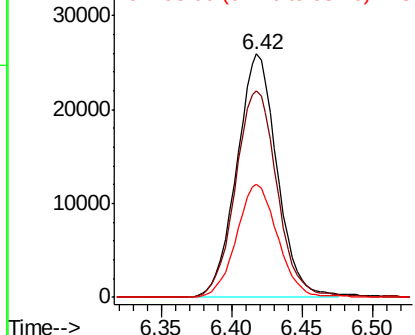
#39
Methylcyclohexane
Concen: 18.348 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

Tgt Ion: 83 Resp: 51936
Ion Ratio Lower Upper
83 100
55 84.9 71.1 106.7
98 46.6 36.3 54.5

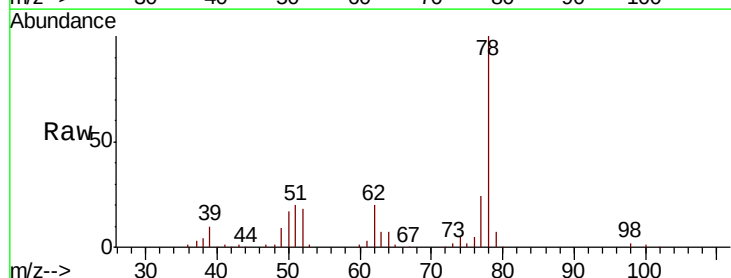


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

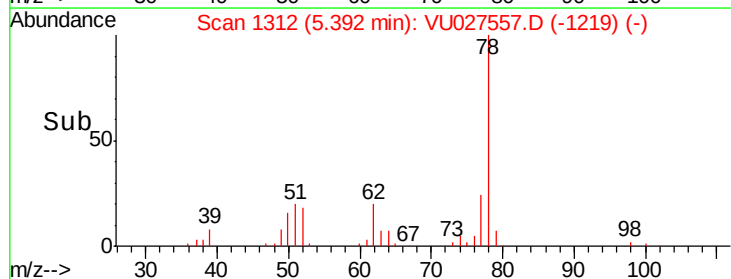
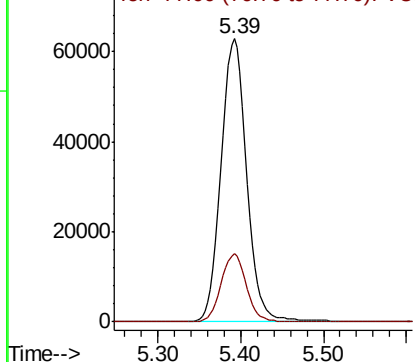


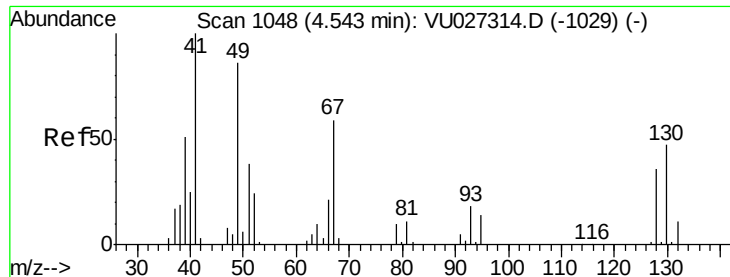
#40
Benzene
Concen: 19.143 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 78 Resp: 135020
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



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





#41

Methacrylonitrile

Concen: 18.509 ug/l

RT: 4.55 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

Tgt Ion: 41 Resp: 32739

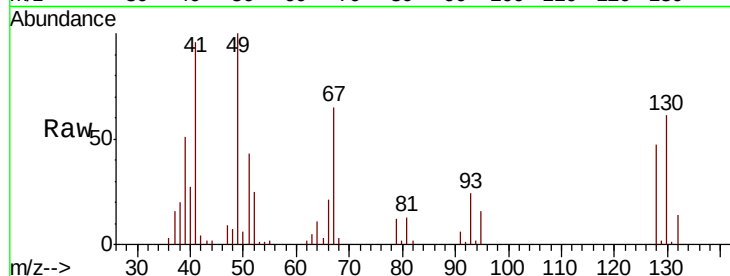
Ion Ratio Lower Upper

41 100

39 53.3 41.1 61.7

67 67.0 50.4 75.6

52 26.9 20.3 30.5

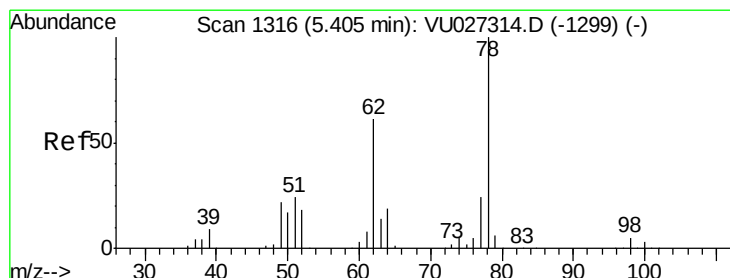
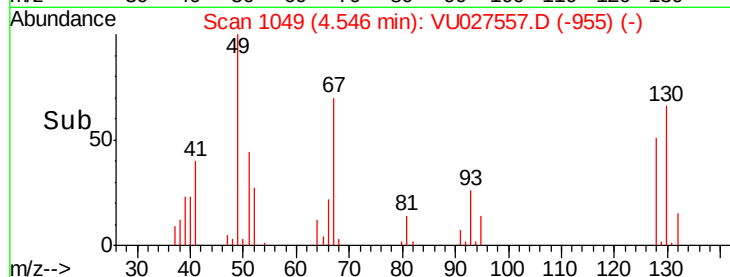
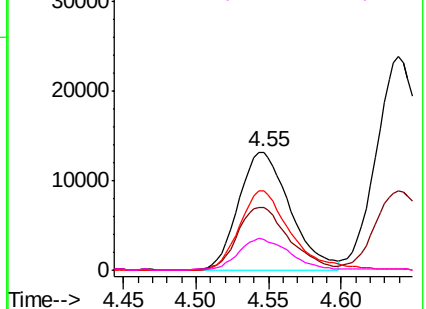


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 18.984 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU027557.D

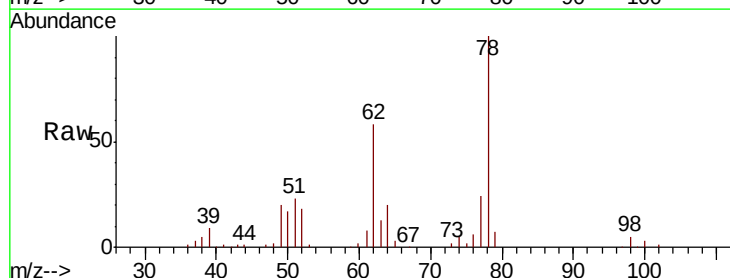
Acq: 10 Oct 2018 09:06

Tgt Ion: 62 Resp: 49703

Ion Ratio Lower Upper

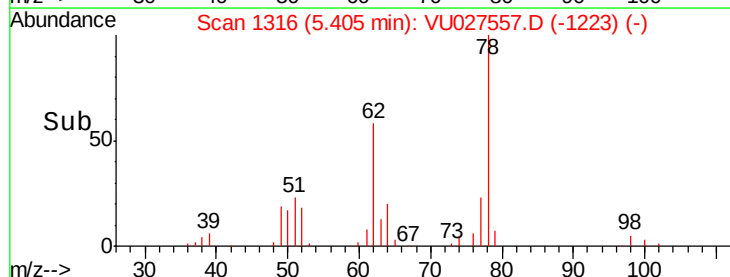
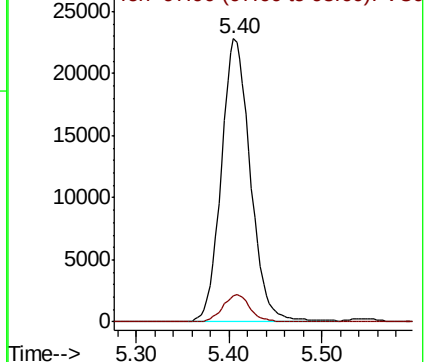
62 100

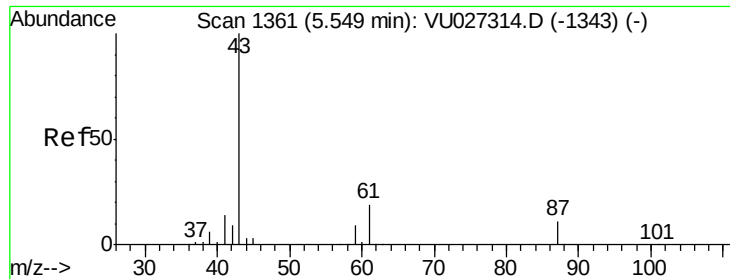
98 8.9 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

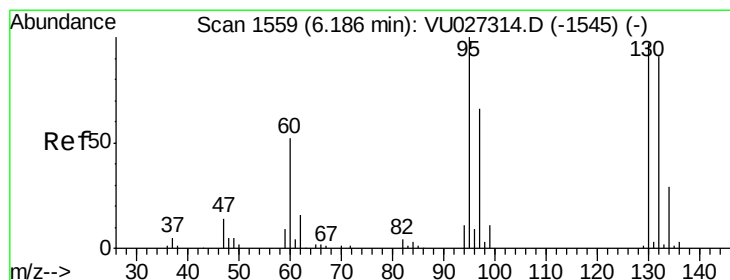
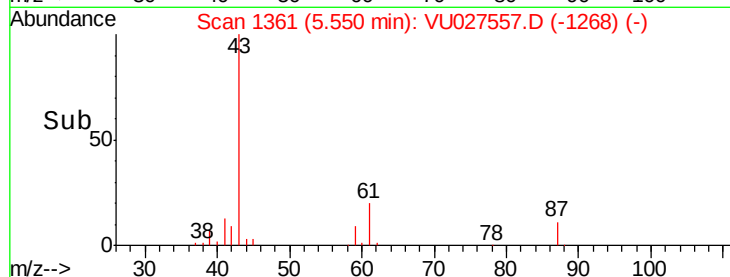
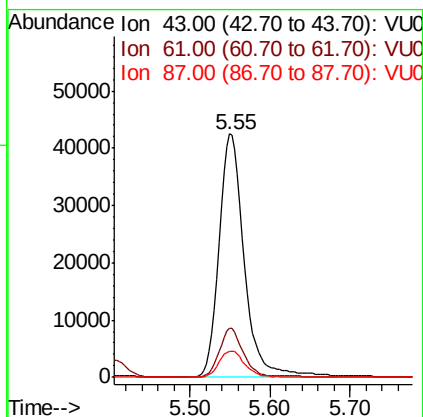
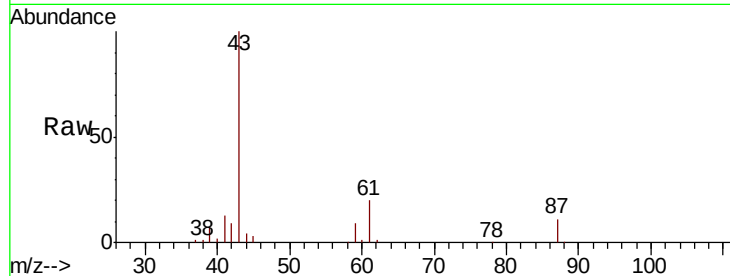




#43
Isopropyl Acetate
Concen: 19.238 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

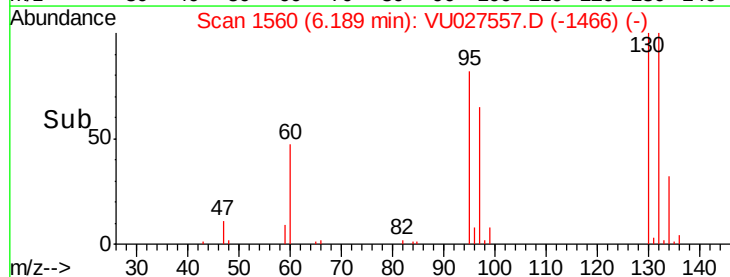
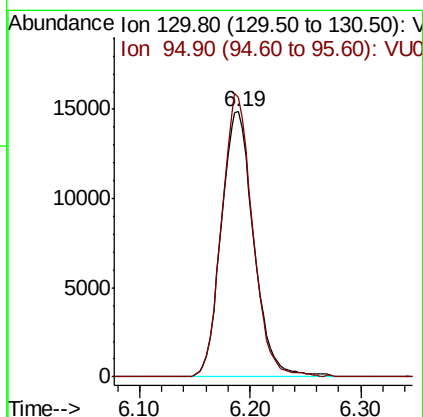
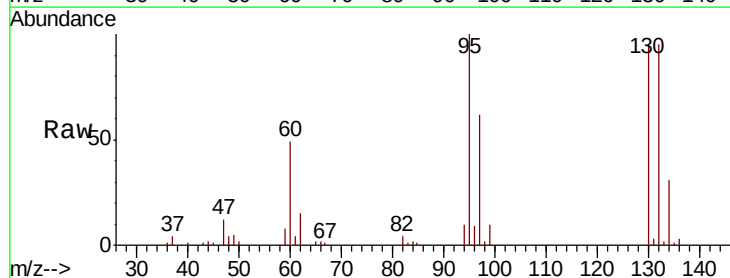
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

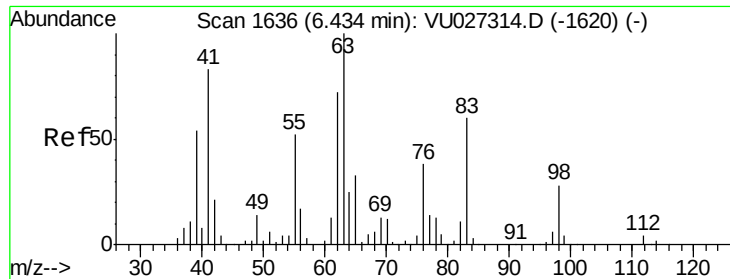
Tgt Ion: 43 Resp: 93502
Ion Ratio Lower Upper
43 100
61 18.9 15.3 22.9
87 11.0 8.6 13.0



#44
Trichloroethene
Concen: 19.309 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 130 Resp: 30369
Ion Ratio Lower Upper
130 100
95 105.6 0.0 207.0

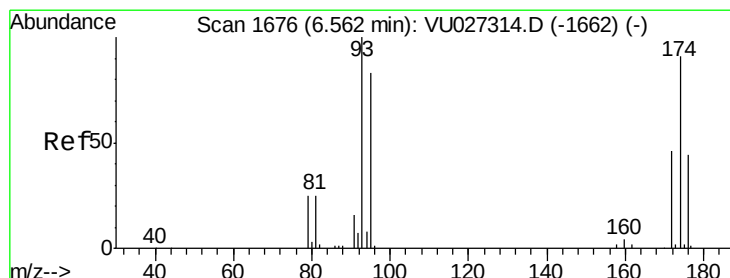
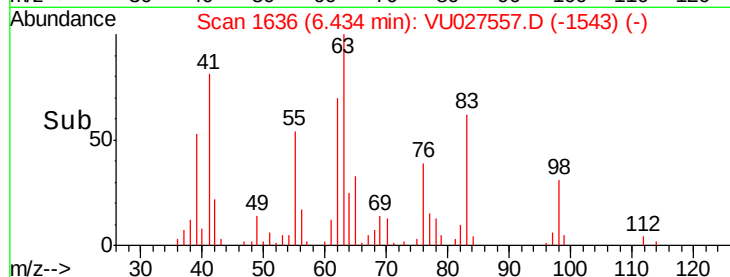
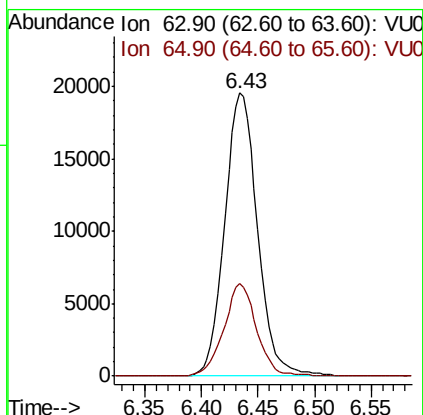
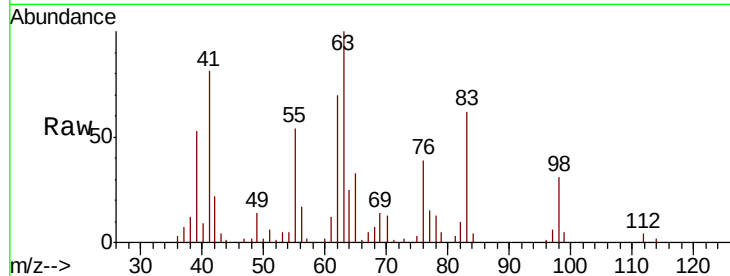




#45
 1,2-Dichloropropane
 Concen: 19.374 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

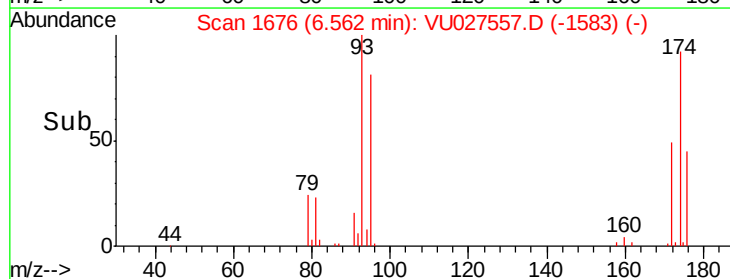
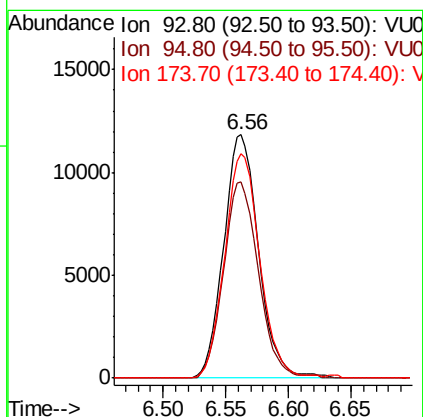
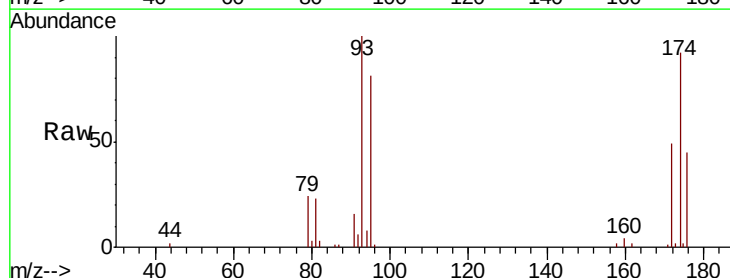
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

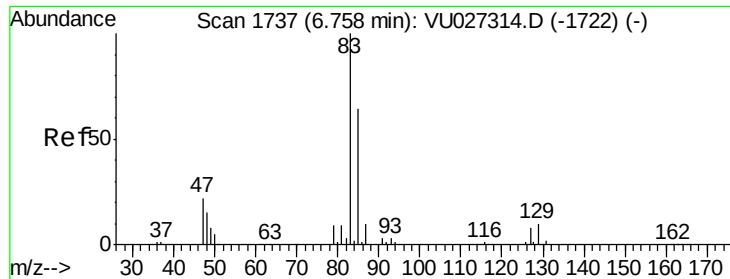
Tgt Ion: 63 Resp: 39414
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.0 39.0



#46
 Dibromomethane
 Concen: 19.879 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 93 Resp: 22841
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.5 99.7
 174 92.9 72.5 108.7

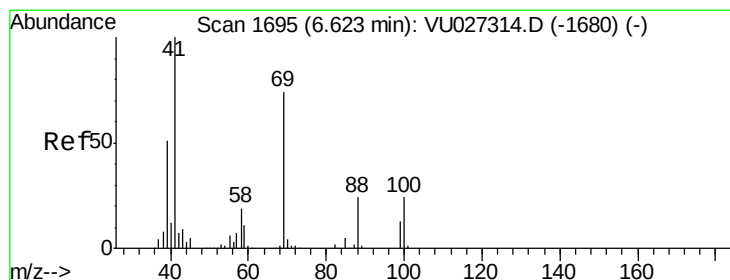
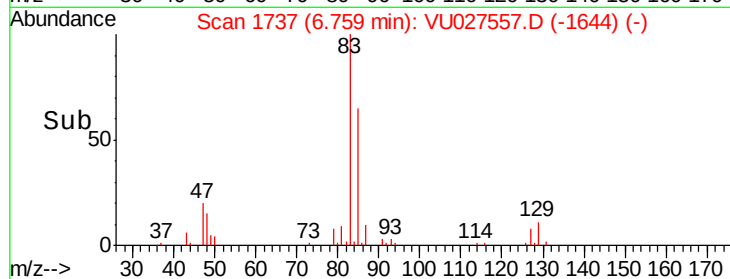
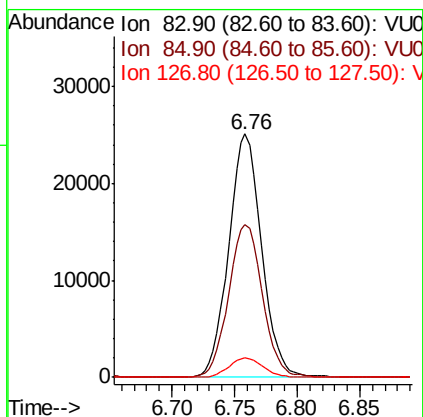
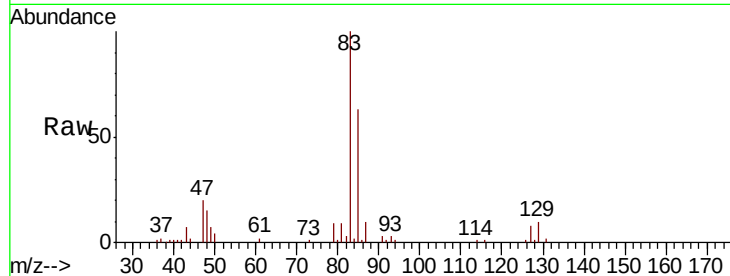




#47
 Bromodichloromethane
 Concen: 19.192 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

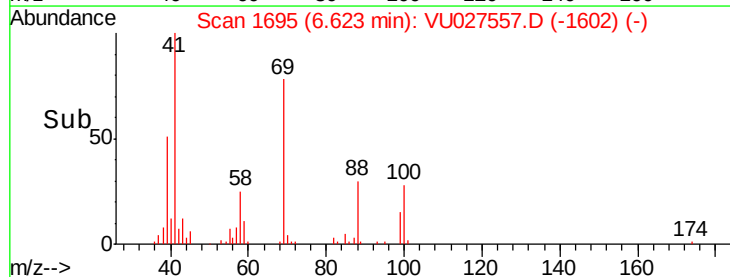
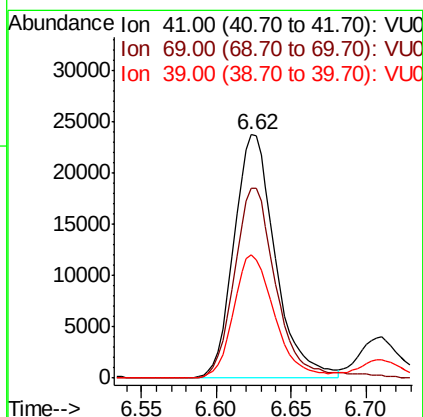
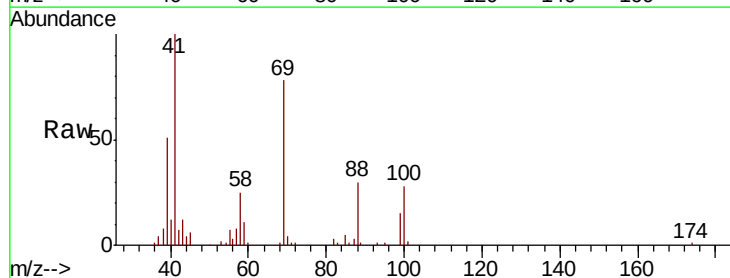
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

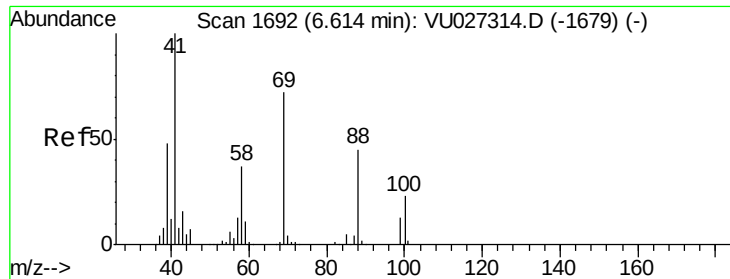
Tgt Ion: 83 Resp: 45758
 Ion Ratio Lower Upper
 83 100
 85 62.8 51.4 77.0
 127 7.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 18.896 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 41 Resp: 45671
 Ion Ratio Lower Upper
 41 100
 69 79.0 61.0 91.4
 39 50.1 39.9 59.9

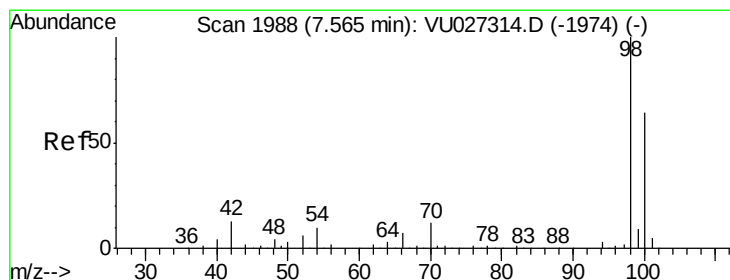
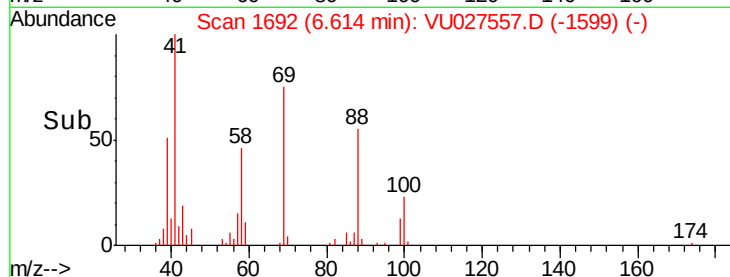
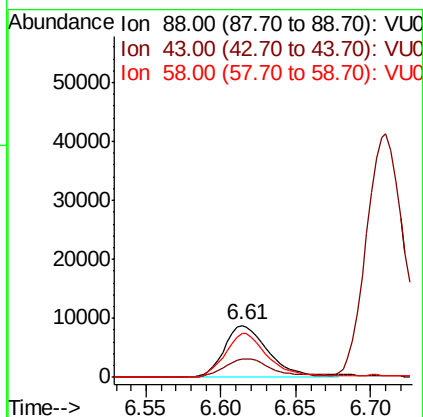
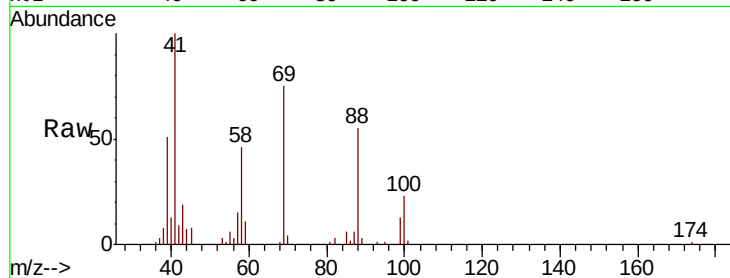




#49
1,4-Dioxane
Concen: 436.729 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

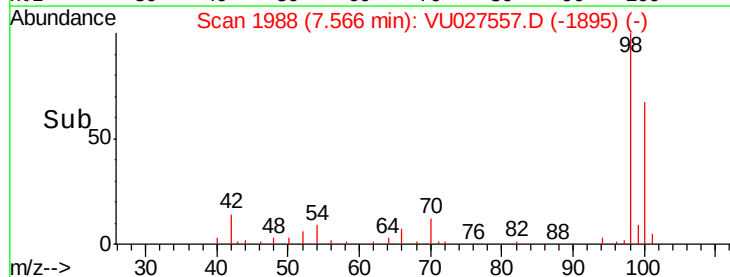
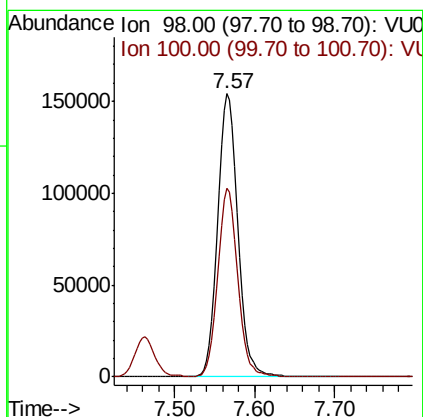
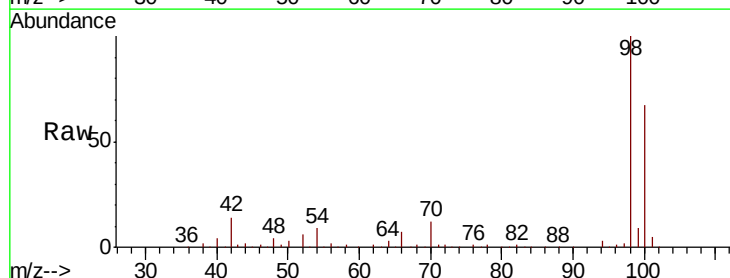
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

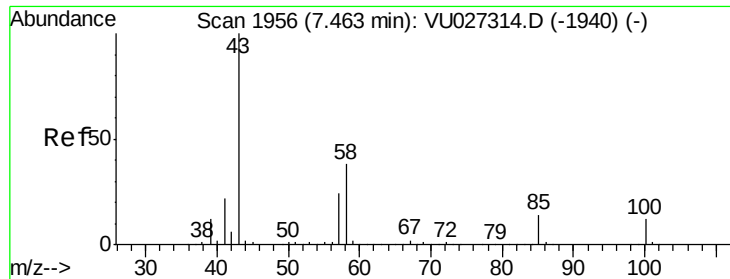
Tgt Ion: 88 Resp: 18162
Ion Ratio Lower Upper
88 100
43 38.8 30.8 46.2
58 82.2 67.0 100.6



#50
Toluene-d8
Concen: 47.490 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 98 Resp: 271657
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 95.484 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

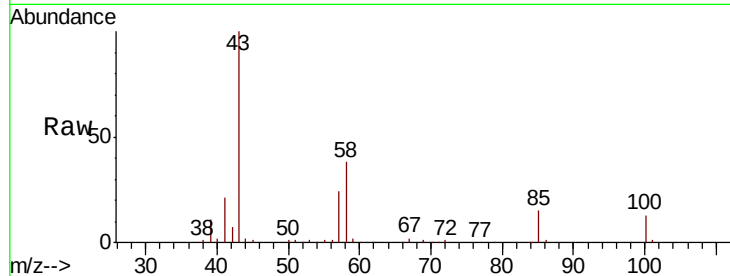
VU1010WBS02

Tgt Ion: 43 Resp: 301571

Ion Ratio Lower Upper

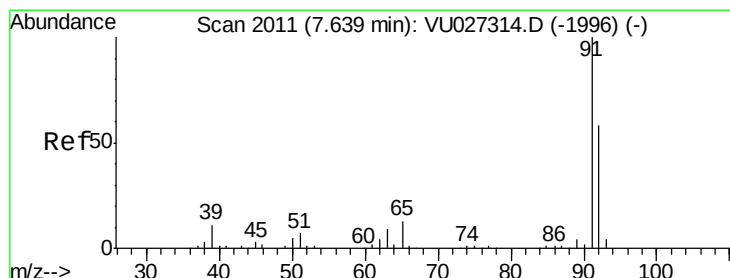
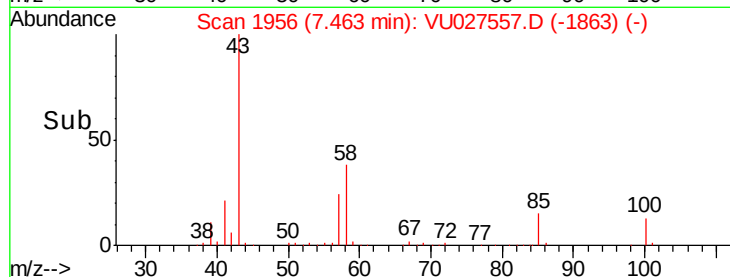
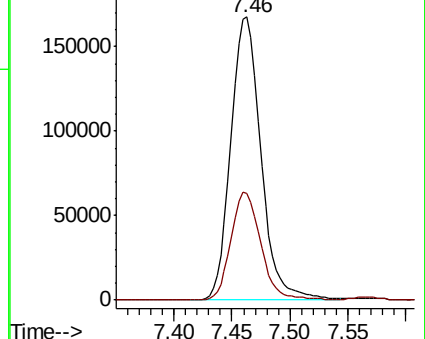
43 100

58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 19.171 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027557.D

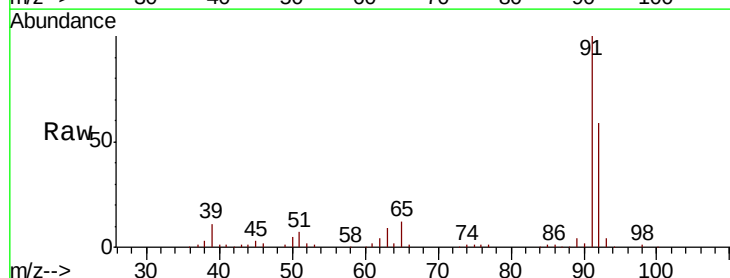
Acq: 10 Oct 2018 09:06

Tgt Ion: 92 Resp: 80035

Ion Ratio Lower Upper

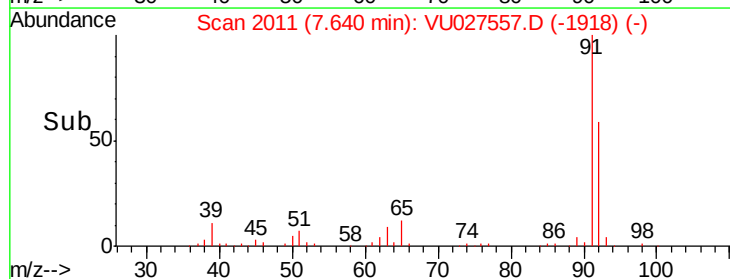
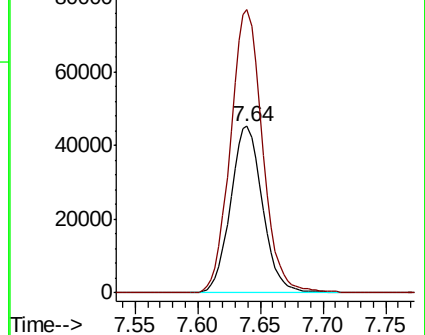
92 100

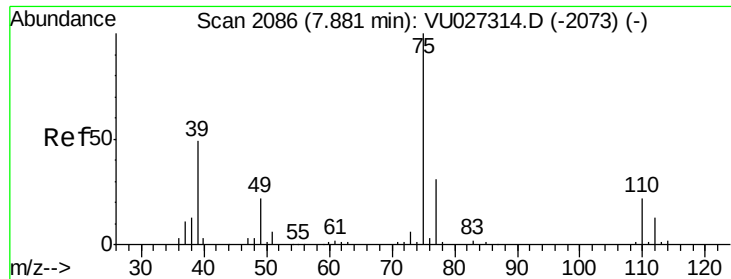
91 170.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

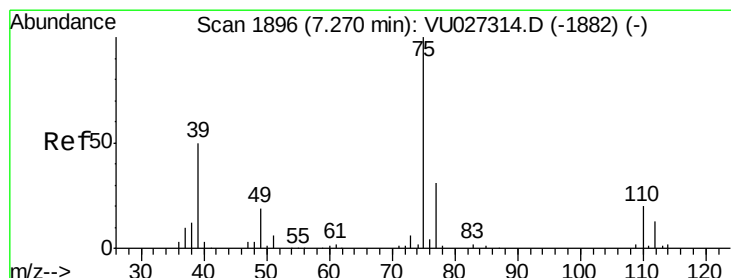
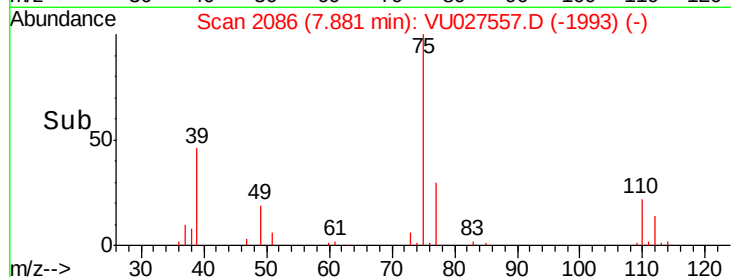
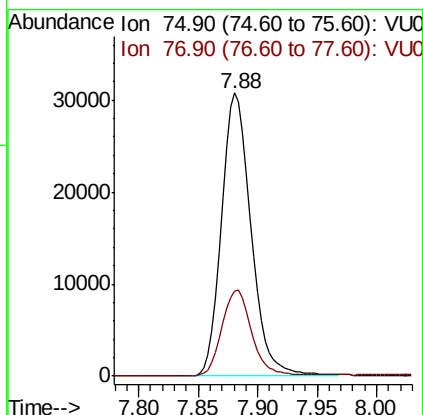
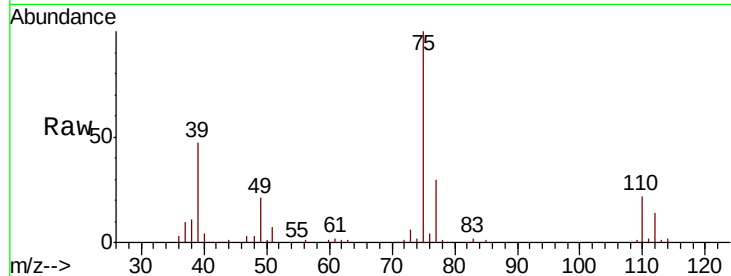




#53
t-1,3-Dichloropropene
Concen: 18.996 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

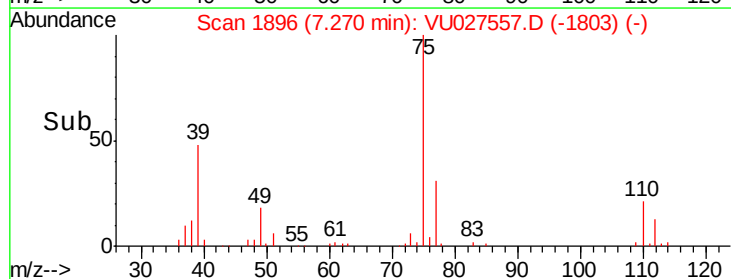
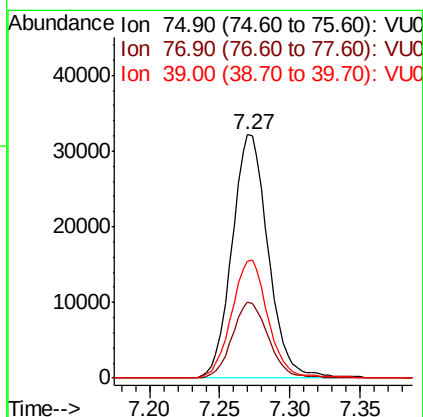
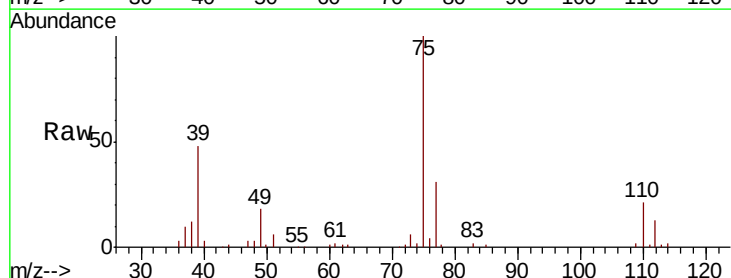
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

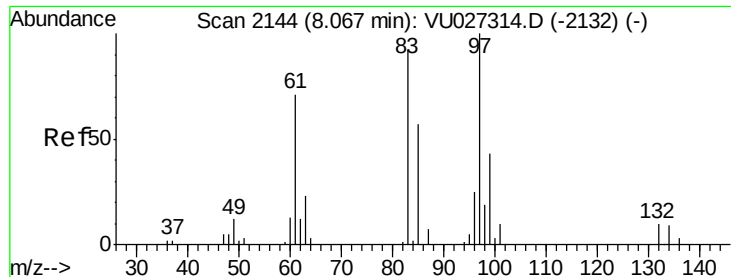
Tgt Ion: 75 Resp: 53101
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.217 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 75 Resp: 57749
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
39 48.2 40.1 60.1

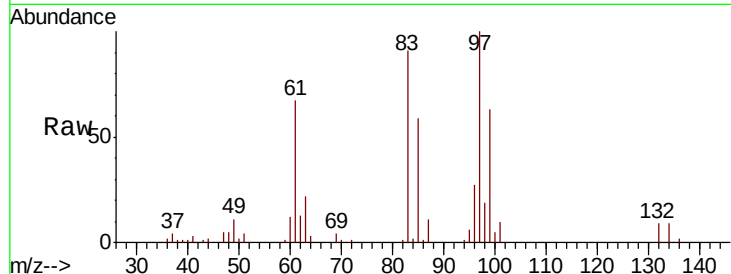




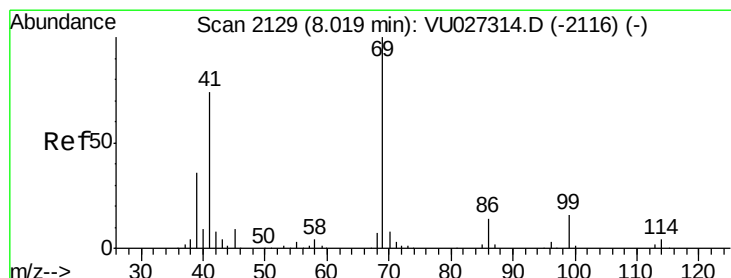
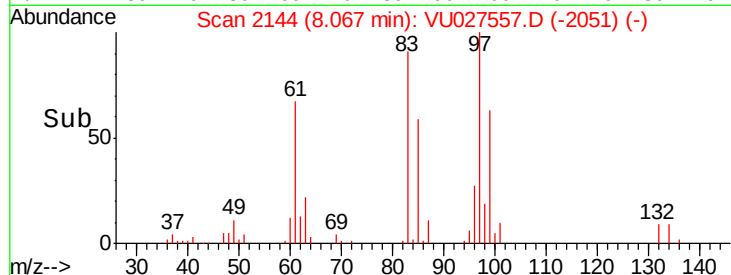
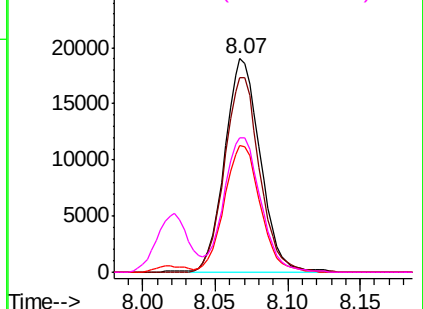
#55
 1,1,2-Trichloroethane
 Concen: 19.570 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

Tgt Ion:	97	Resp:	32394
Ion	Ratio	Lower	Upper
97	100		
83	91.3	73.0	109.6
85	59.1	47.3	70.9
99	63.2	49.7	74.5

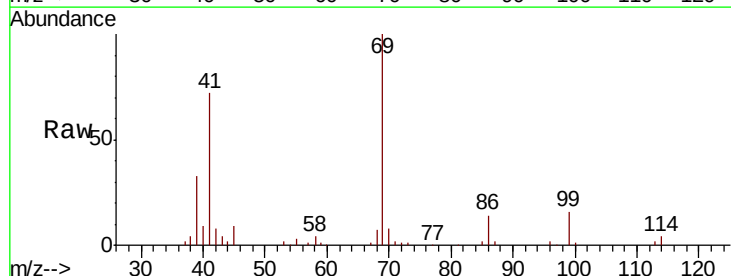


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

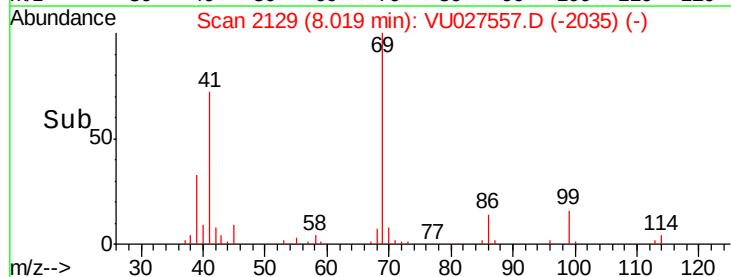
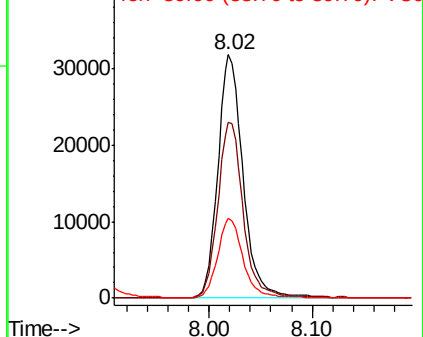


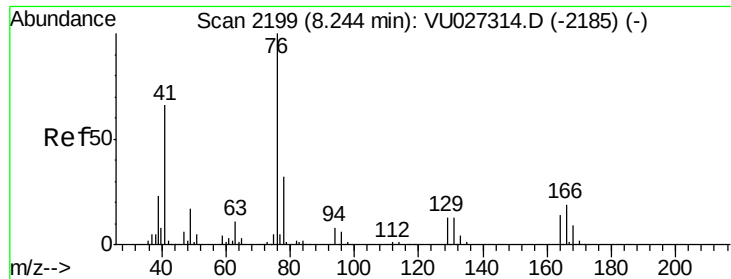
#56
 Ethyl methacrylate
 Concen: 18.499 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion:	69	Resp:	53886
Ion	Ratio	Lower	Upper
69	100		
41	73.2	60.0	90.0
39	33.4	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

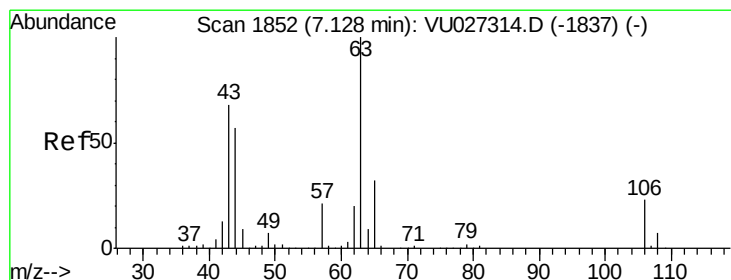
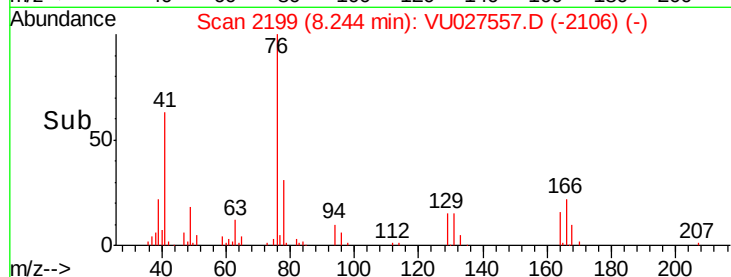
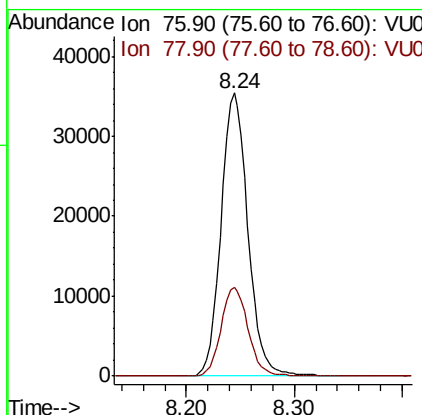
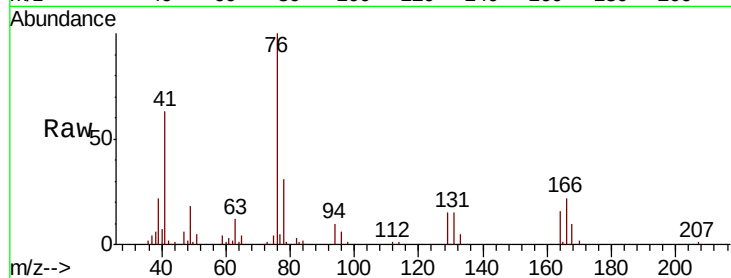




#57
 1,3-Dichloropropane
 Concen: 19.042 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

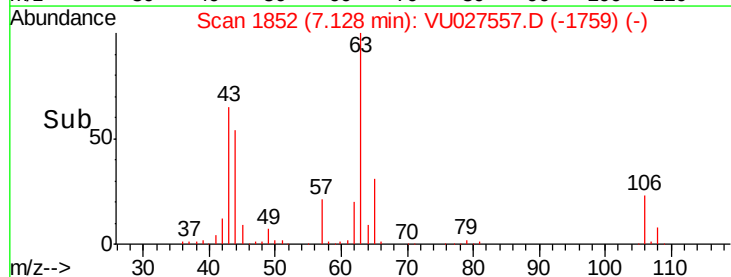
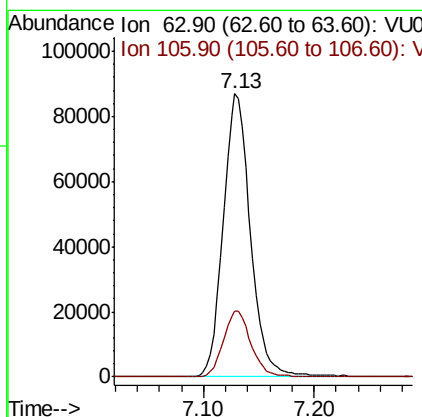
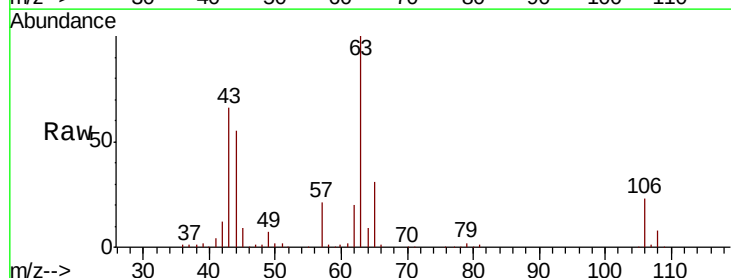
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

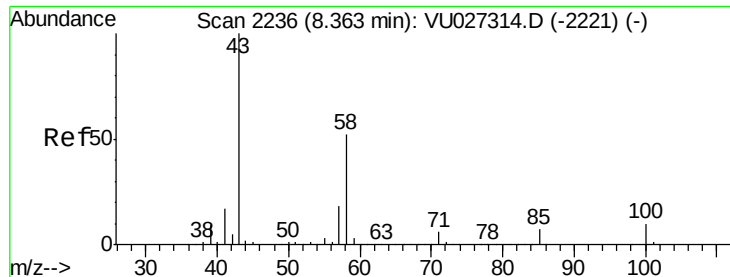
Tgt Ion: 76 Resp: 61187
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.930 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 63 Resp: 148859
 Ion Ratio Lower Upper
 63 100
 106 23.7 18.5 27.7

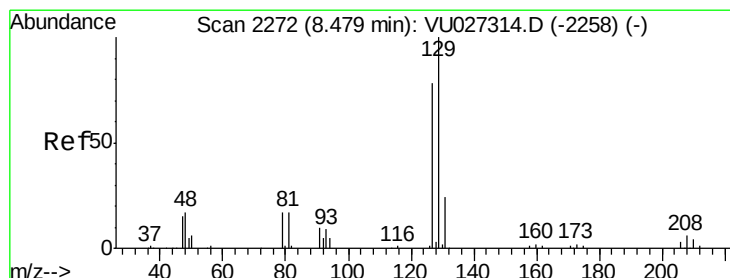
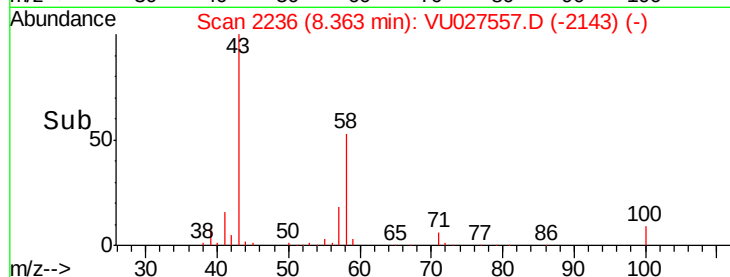
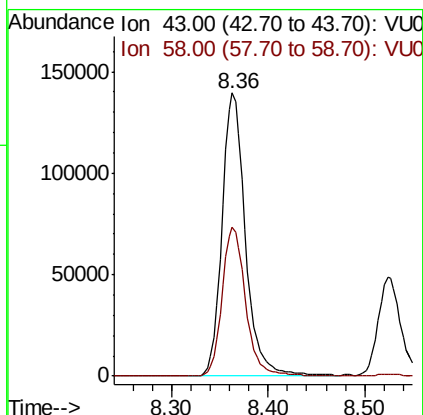
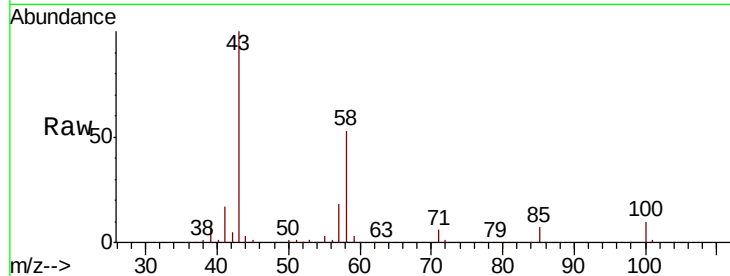




#59
2-Hexanone
Concen: 95.647 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

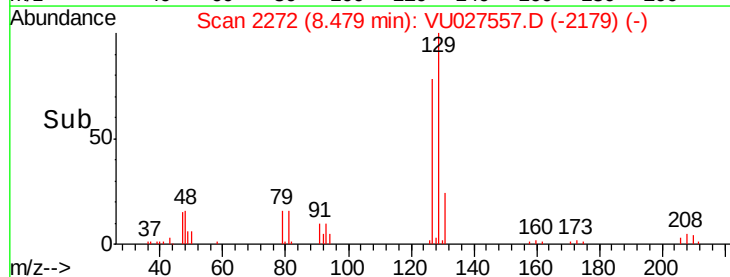
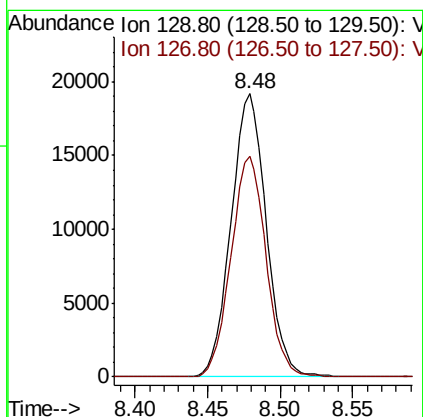
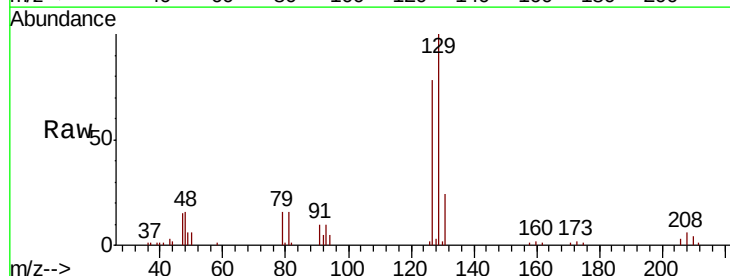
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

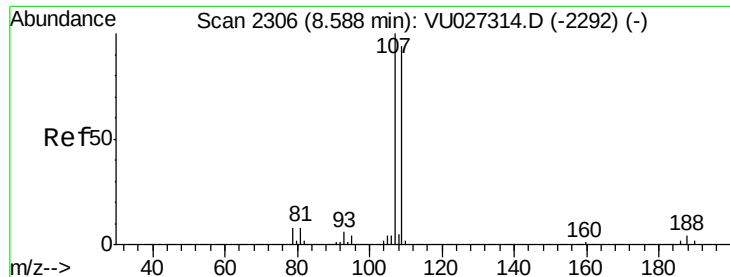
Tgt Ion: 43 Resp: 234334
Ion Ratio Lower Upper
43 100
58 53.1 26.1 78.3



#60
Dibromochloromethane
Concen: 19.454 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 129 Resp: 32296
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

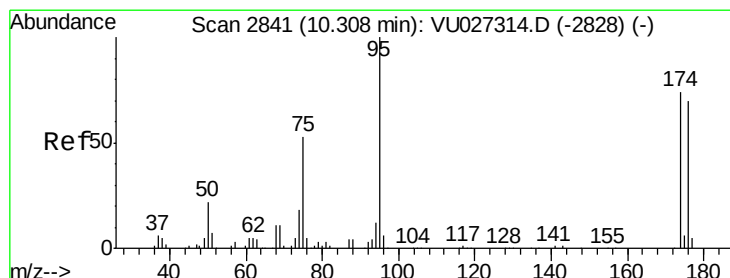
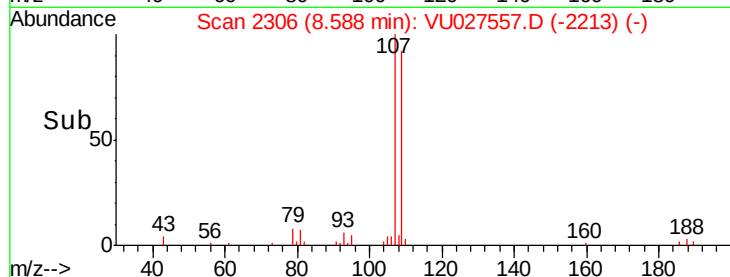
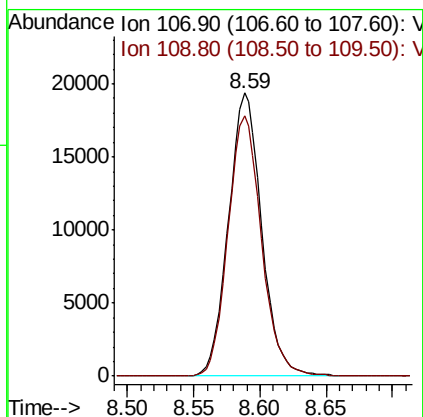
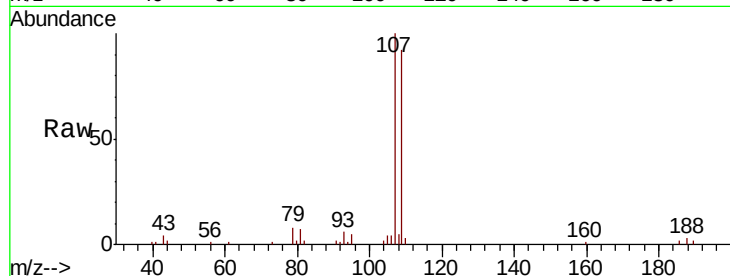




#61
 1,2-Dibromoethane
 Concen: 19.149 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

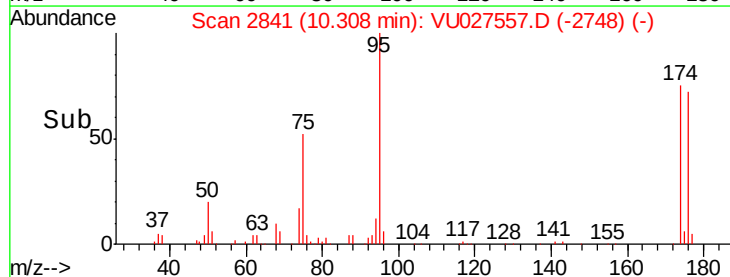
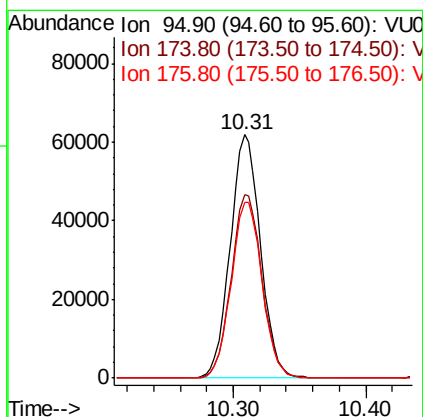
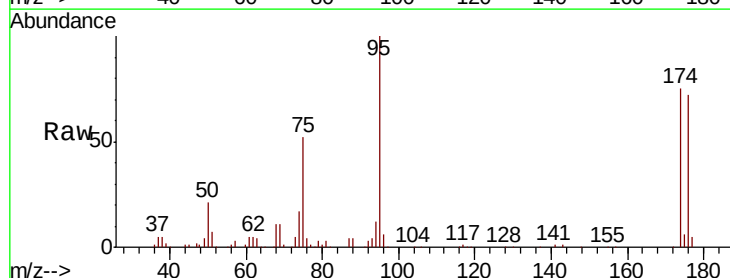
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

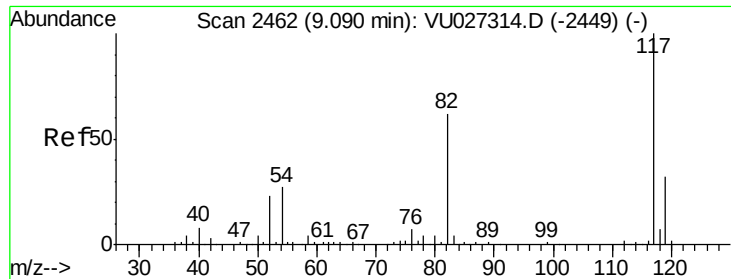
Tgt Ion: 107 Resp: 33700
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 46.062 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 95 Resp: 97921
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 147.8
 176 73.9 0.0 140.8

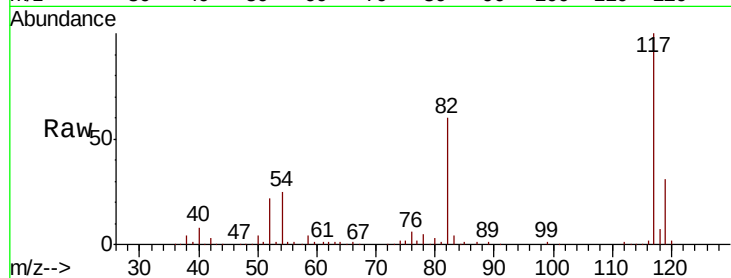




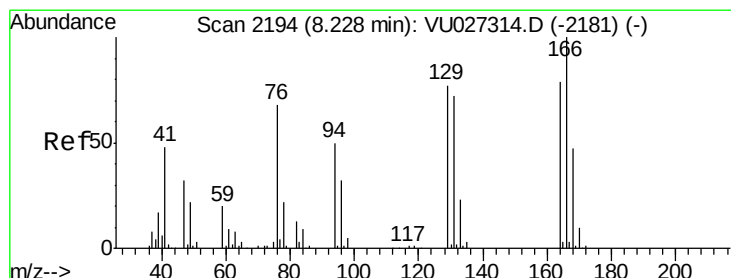
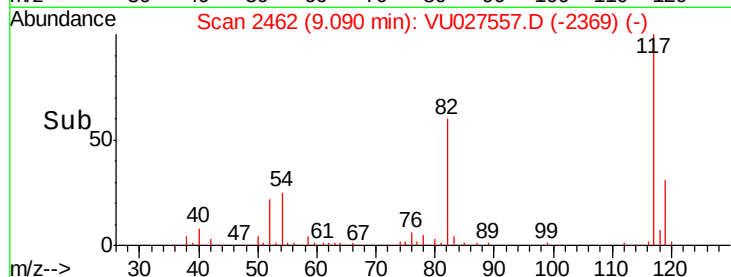
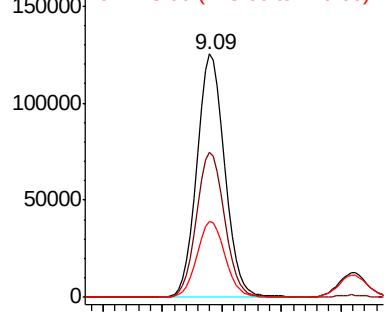
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

Tgt Ion:117 Resp: 203292
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.2 25.7 38.5



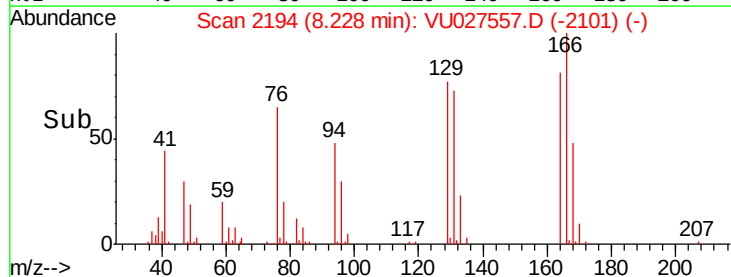
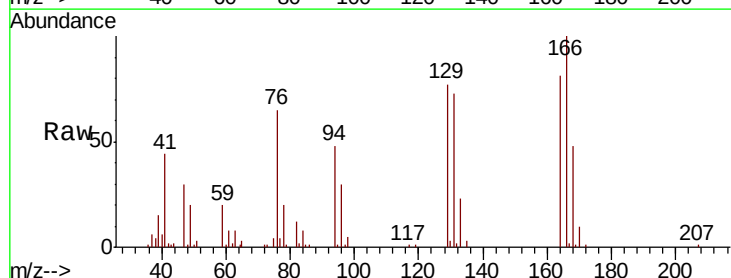
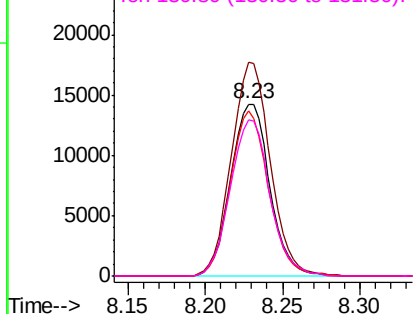
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

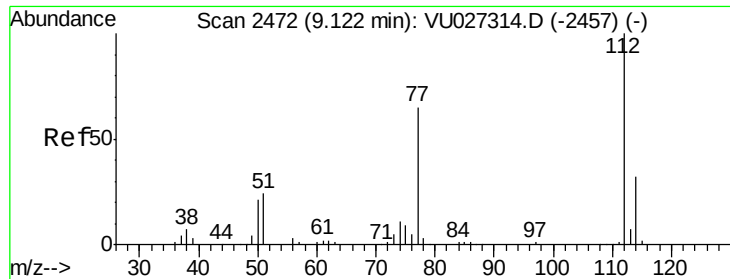


#64
Tetrachloroethene
Concen: 19.770 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion:164 Resp: 25020
Ion Ratio Lower Upper
164 100
166 124.1 101.0 151.6
129 95.8 78.0 117.0
131 91.1 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

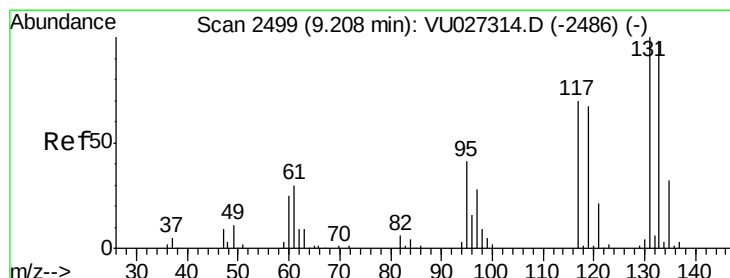
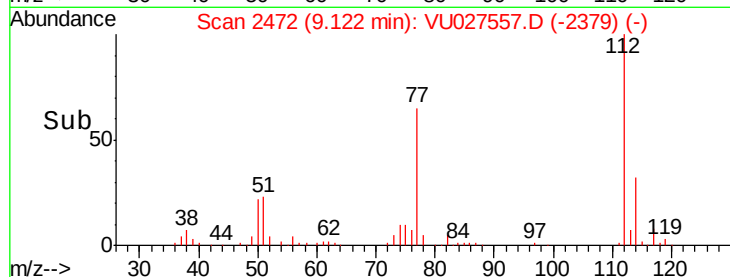
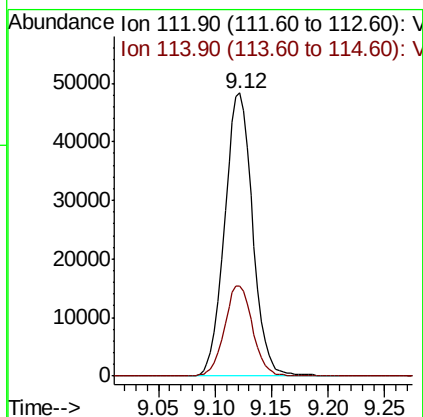
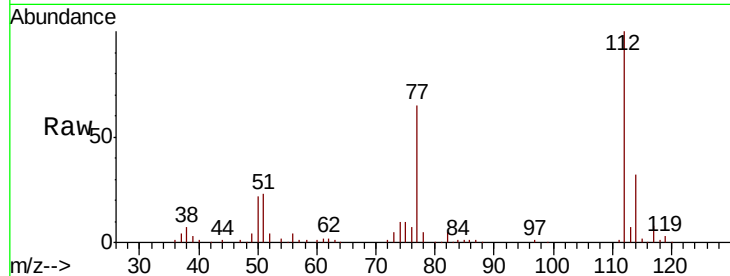




#65
Chlorobenzene
Concen: 19.427 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

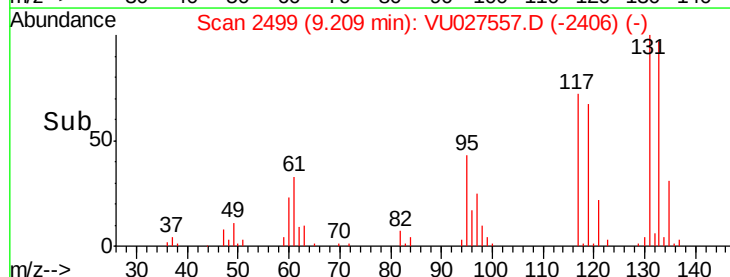
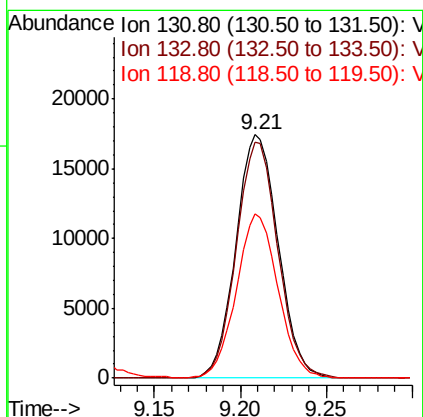
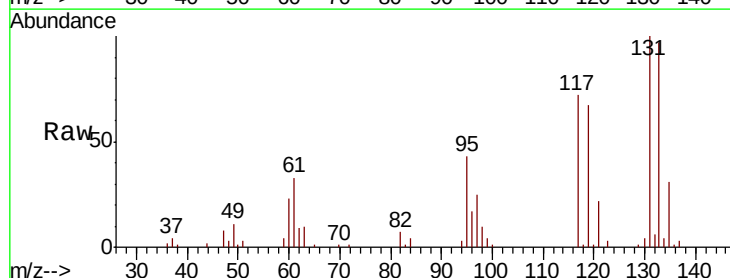
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

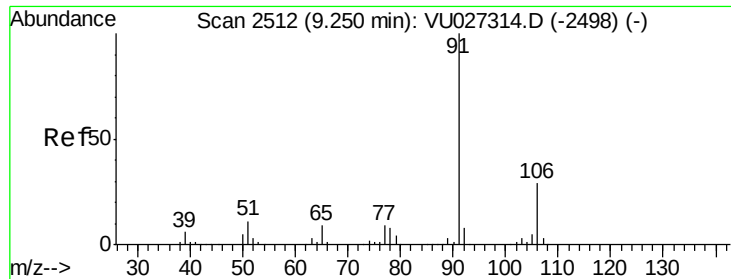
Tgt Ion:112 Resp: 83129
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.130 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion:131 Resp: 29736
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.6
119 66.5 33.5 100.4

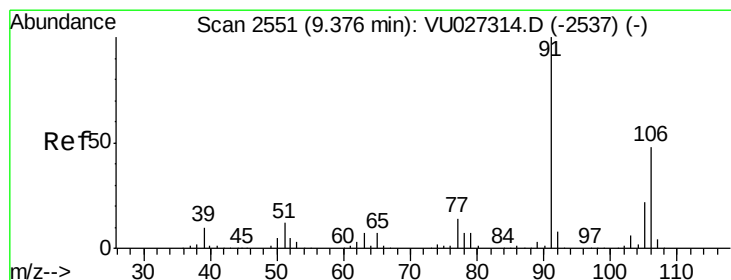
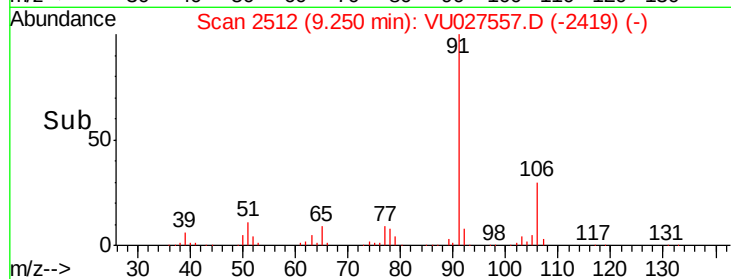
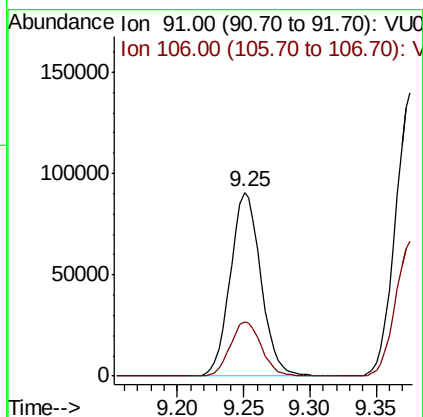
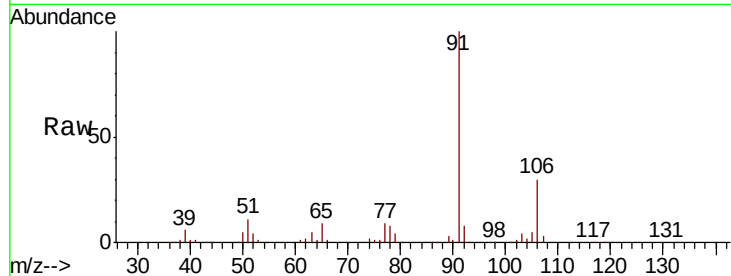




#67
Ethyl Benzene
Concen: 19.169 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

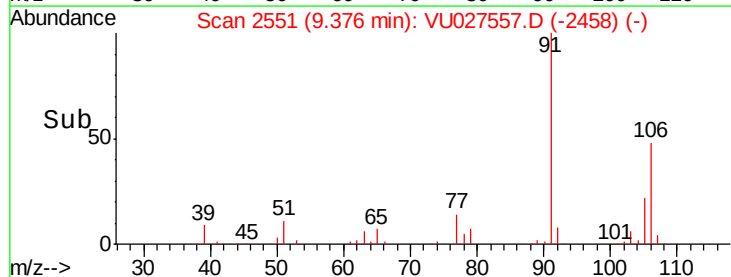
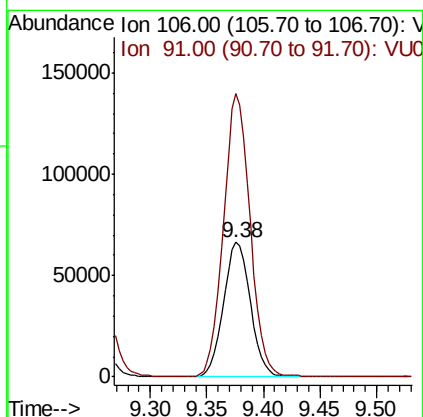
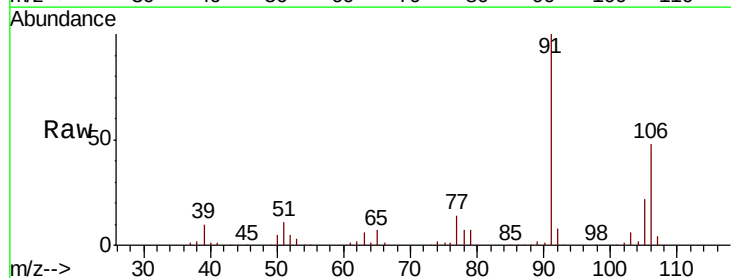
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

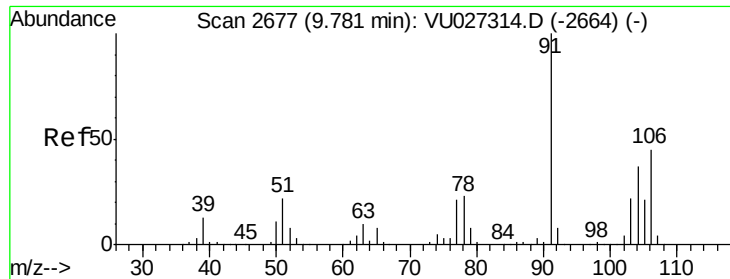
Tgt Ion: 91 Resp: 145332
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 39.725 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 106 Resp: 110164
Ion Ratio Lower Upper
106 100
91 208.5 168.1 252.1

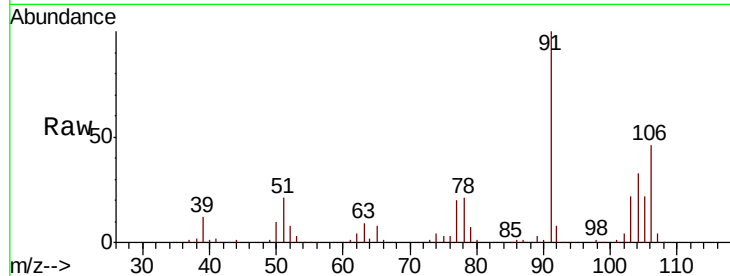




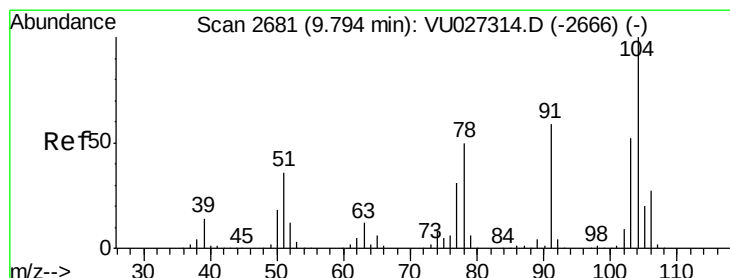
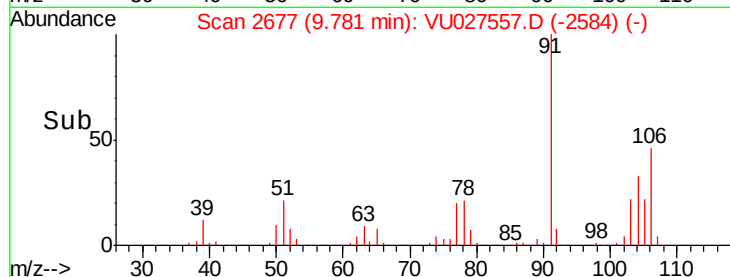
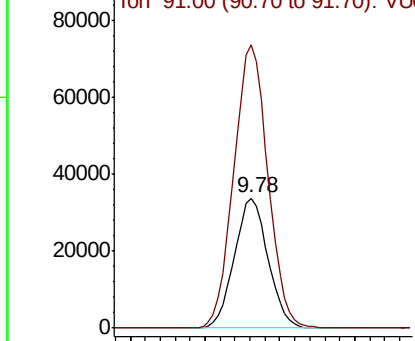
#69
o-Xylene
Concen: 20.139 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

Tgt Ion:106 Resp: 53072
Ion Ratio Lower Upper
106 100
91 221.2 111.7 334.9

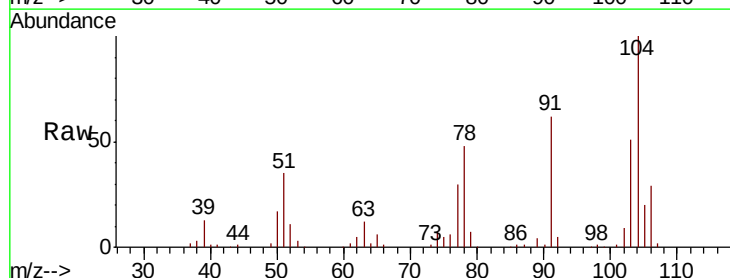


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

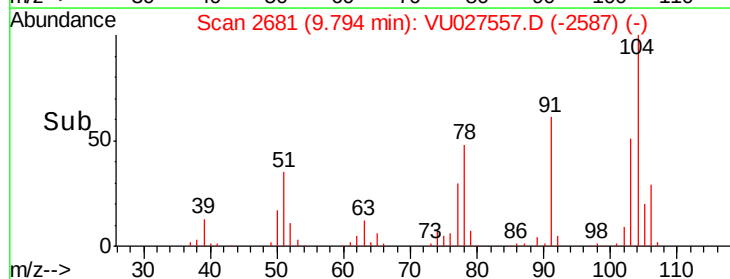
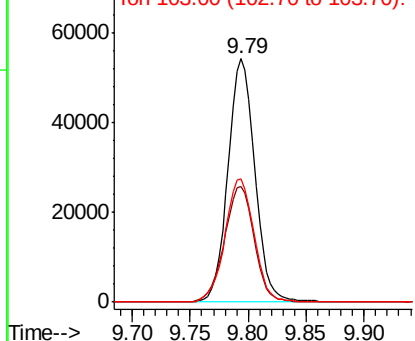


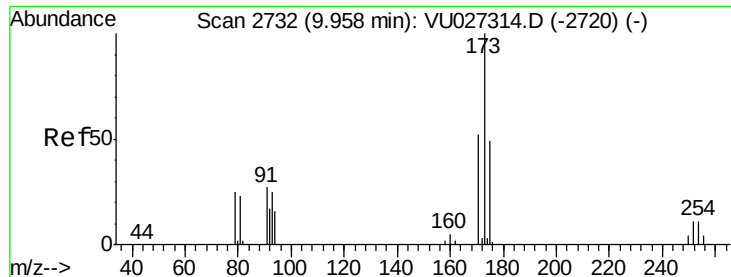
#70
Styrene
Concen: 19.177 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion:104 Resp: 87149
Ion Ratio Lower Upper
104 100
78 52.6 42.9 64.3
103 54.9 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: 19.603 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

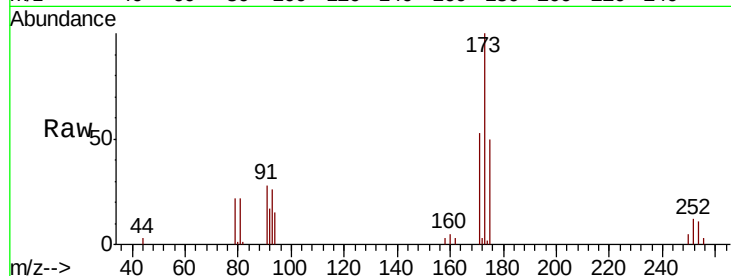
Tgt Ion:173 Resp: 23299

Ion Ratio Lower Upper

173 100

175 47.9 24.3 73.0

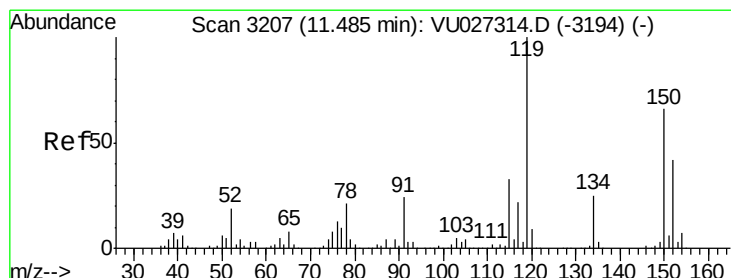
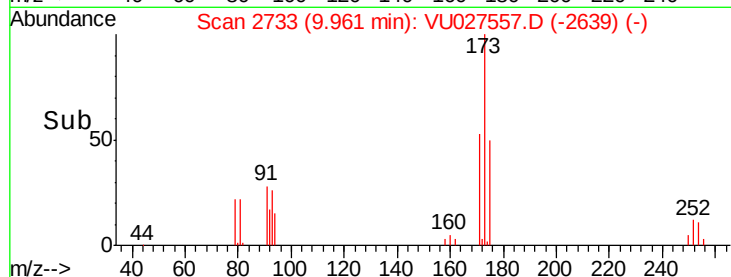
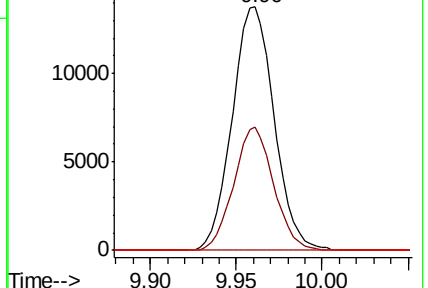
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

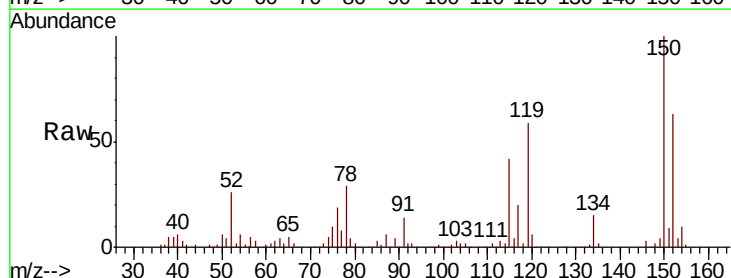
Tgt Ion:152 Resp: 100120

Ion Ratio Lower Upper

152 100

115 68.4 43.4 130.2

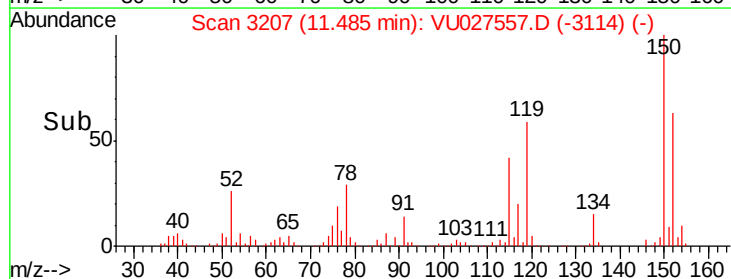
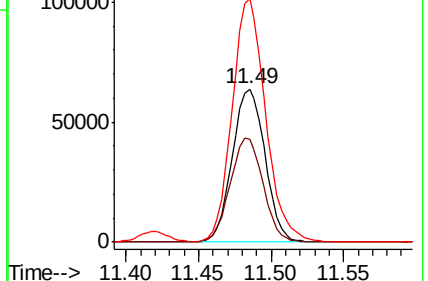
150 161.3 0.0 349.2

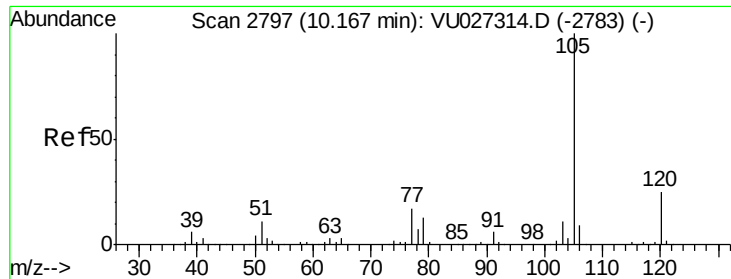


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.934 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

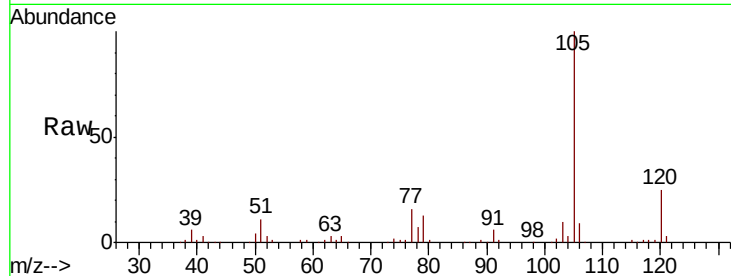
VU1010WBS02

Tgt Ion: 105 Resp: 144952

Ion Ratio Lower Upper

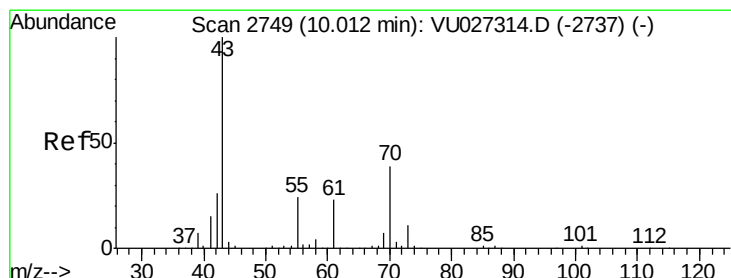
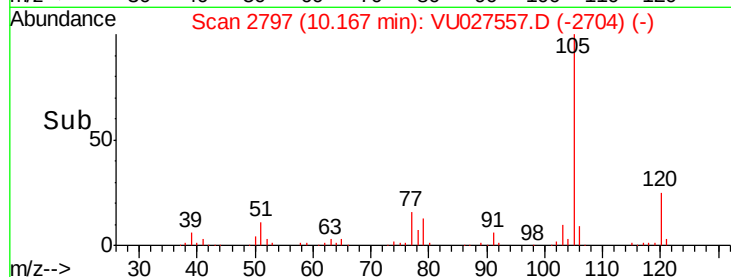
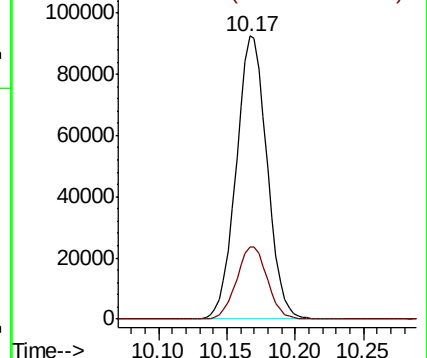
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.883 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Tgt Ion: 43 Resp: 78606

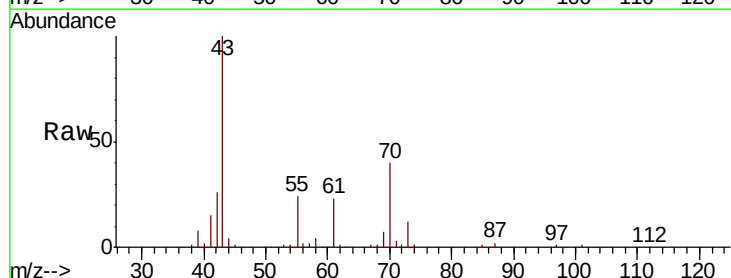
Ion Ratio Lower Upper

43 100

70 39.7 31.3 46.9

55 24.1 19.0 28.6

61 23.6 18.5 27.7

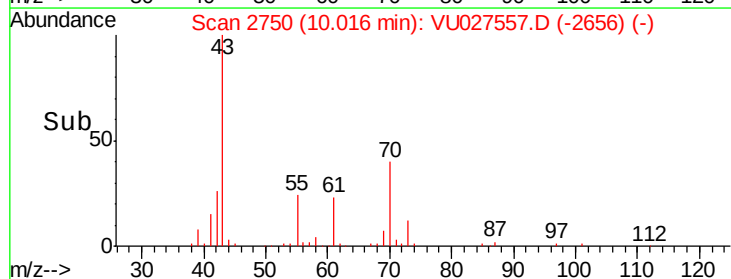
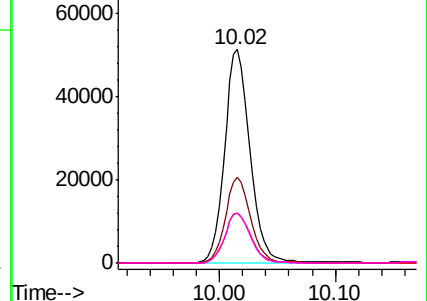


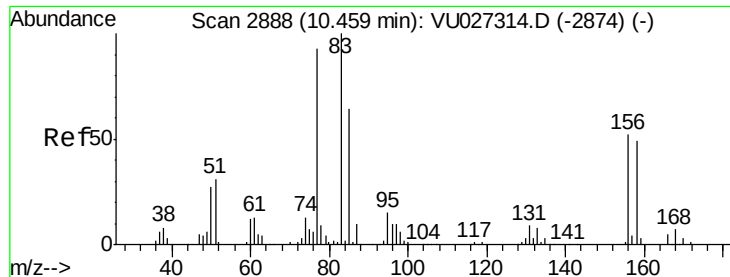
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.313 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

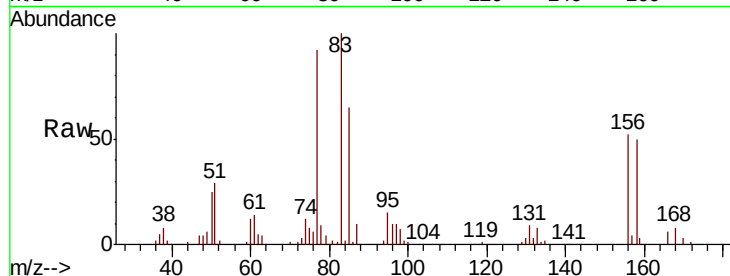
Tgt Ion: 83 Resp: 55143

Ion Ratio Lower Upper

83 100

131 8.9 4.4 13.2

85 64.5 32.0 96.0

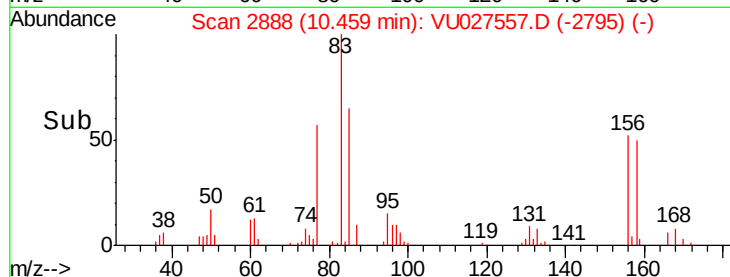


Abundance Ion 82.90 (82.60 to 83.60): VU027314.D (-2874) (-)

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

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

Time-->

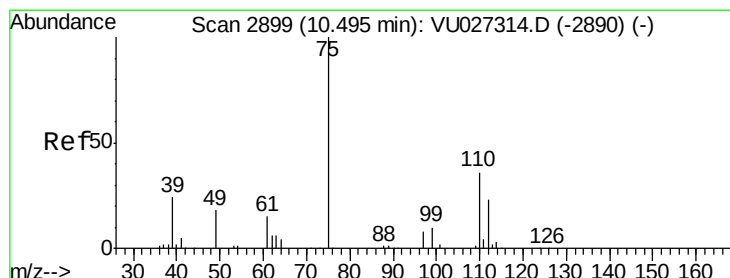


Abundance Ion 82.90 (82.60 to 83.60): VU027557.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027557.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027557.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.552 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027557.D

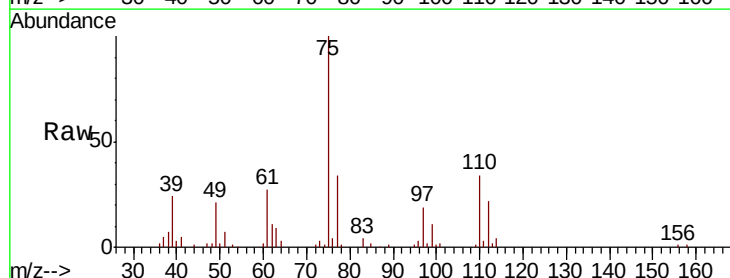
Acq: 10 Oct 2018 09:06

Tgt Ion: 75 Resp: 66317

Ion Ratio Lower Upper

75 100

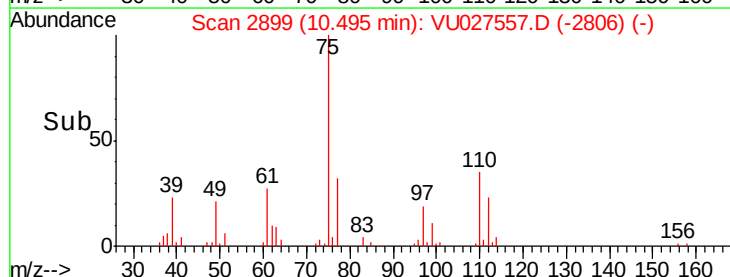
77 31.0 20.3 60.9



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

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

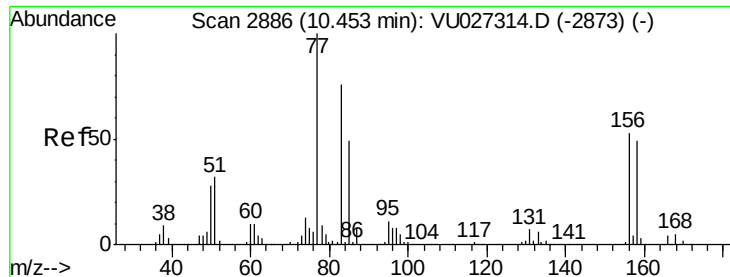
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU027557.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027557.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 19.757 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

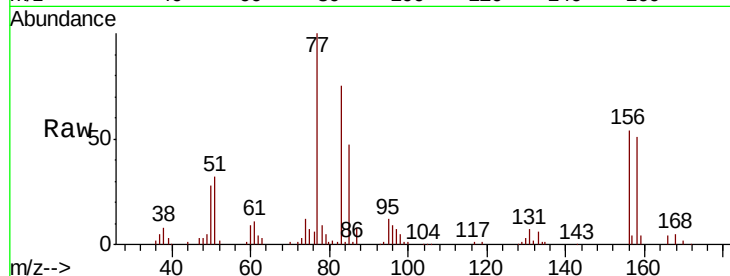
Tgt Ion:156 Resp: 33389

Ion Ratio Lower Upper

156 100

77 184.6 94.8 284.4

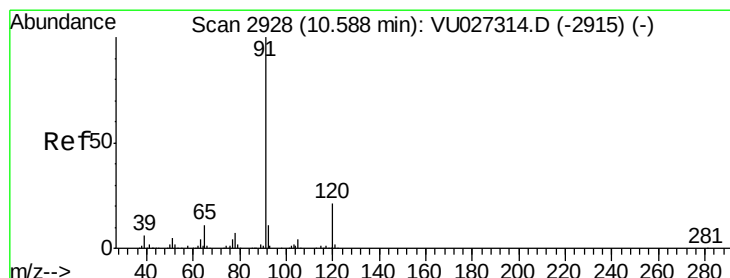
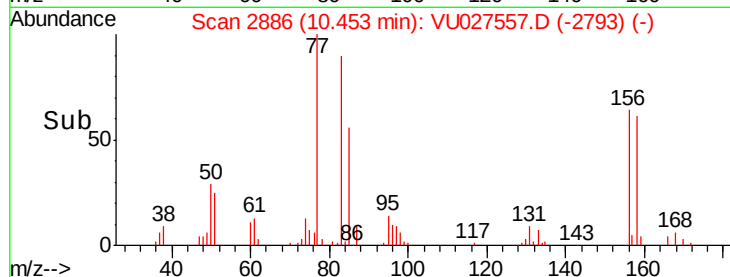
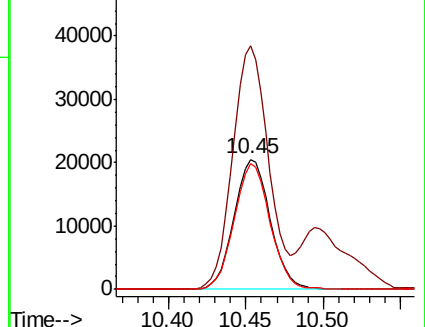
158 95.5 47.4 142.3



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: 19.645 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027557.D

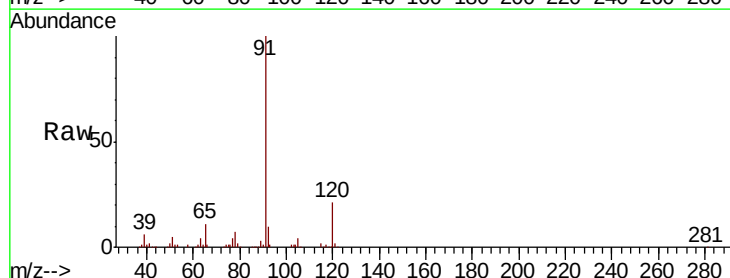
Acq: 10 Oct 2018 09:06

Tgt Ion: 91 Resp: 171653

Ion Ratio Lower Upper

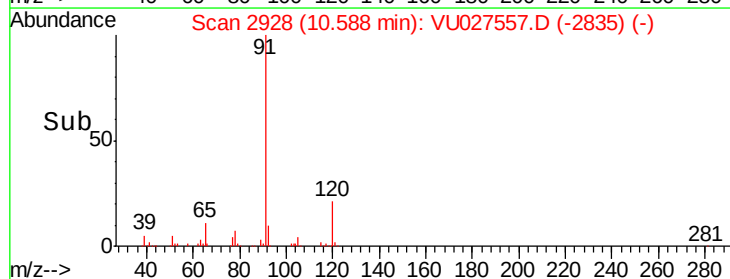
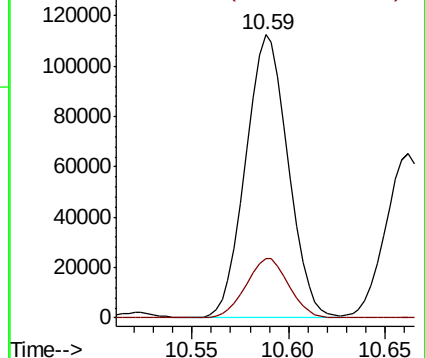
91 100

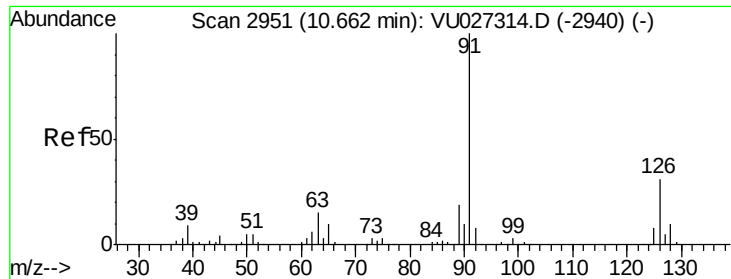
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

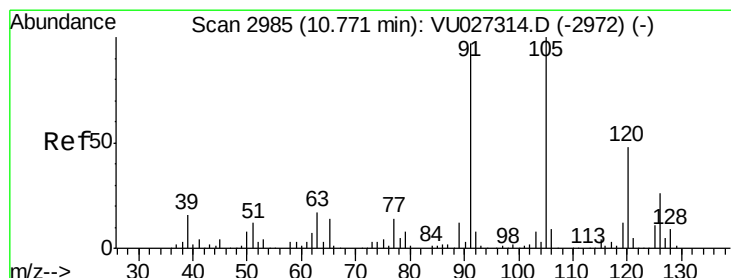
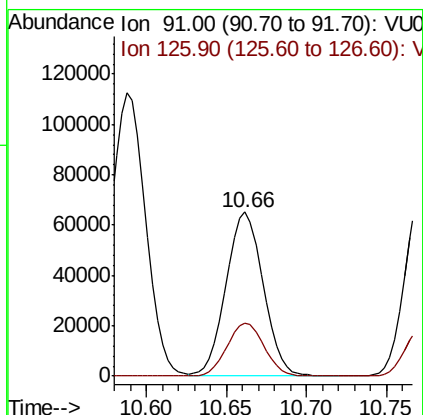
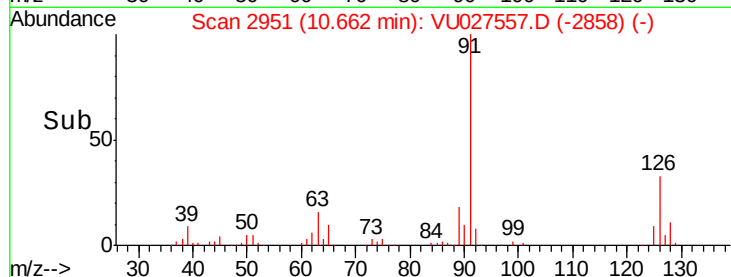
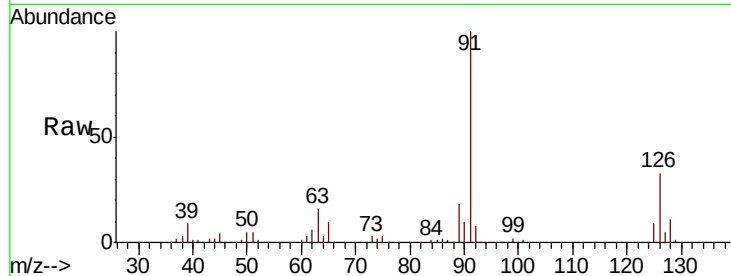




#79
 2-Chlorotoluene
 Concen: 19.494 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

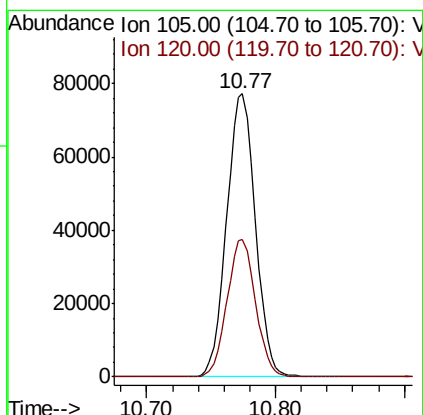
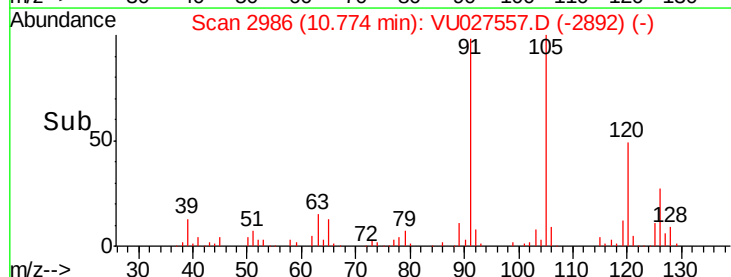
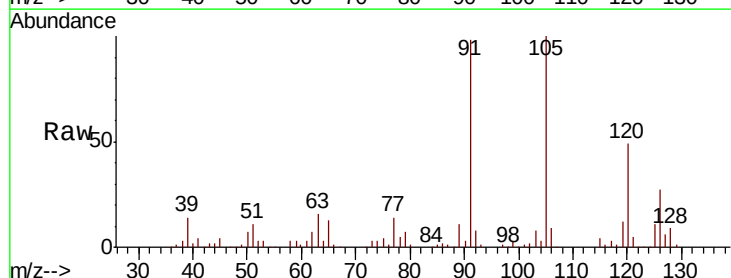
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

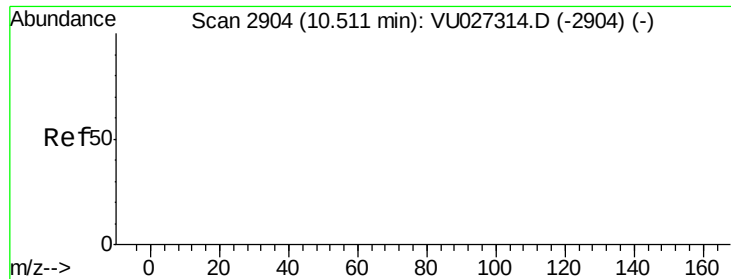
Tgt Ion: 91 Resp: 102843
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.136 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 105 Resp: 119206
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 66.873 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

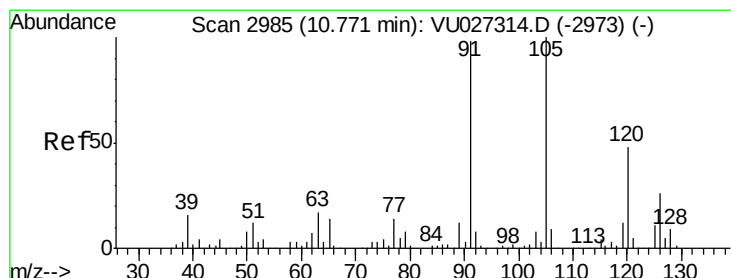
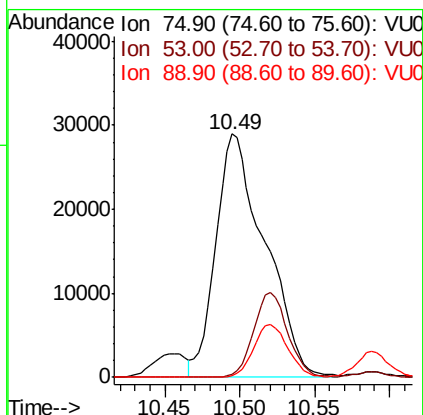
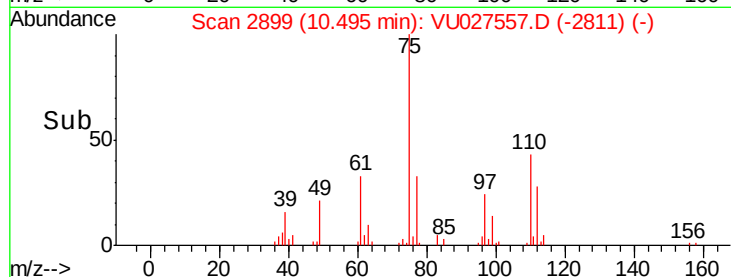
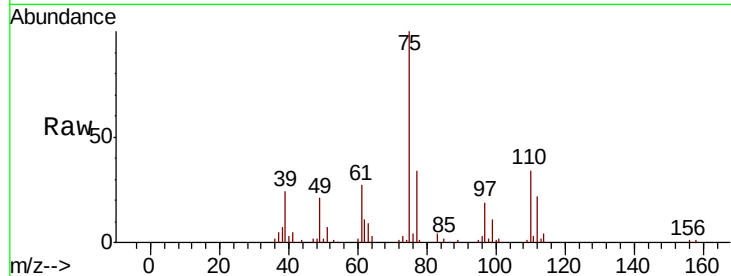
Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

Tgt Ion: 75 Resp: 66317

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 19.567 ug/l

RT: 10.77 min Scan# 2986

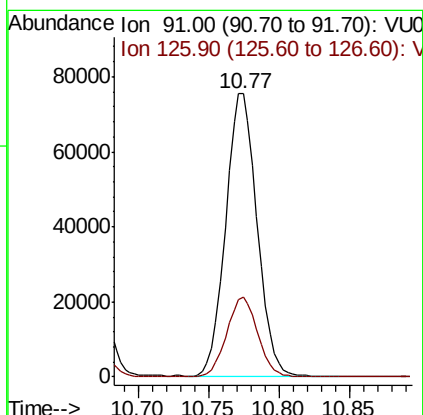
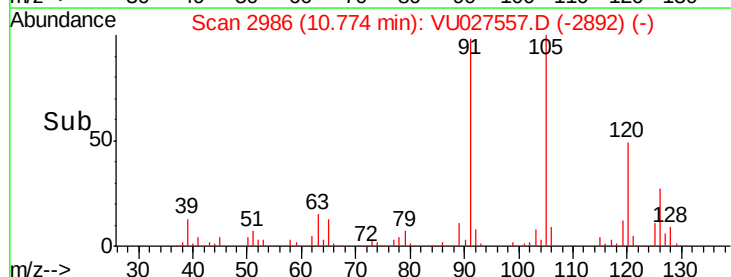
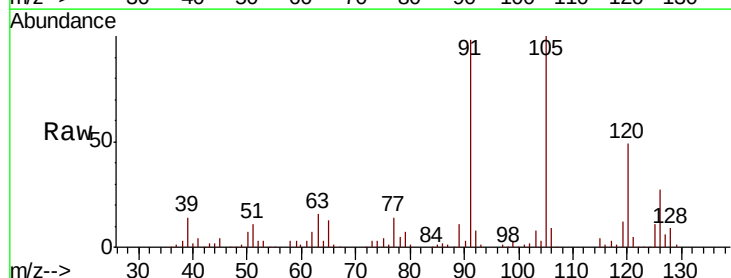
Delta R.T. 0.00 min

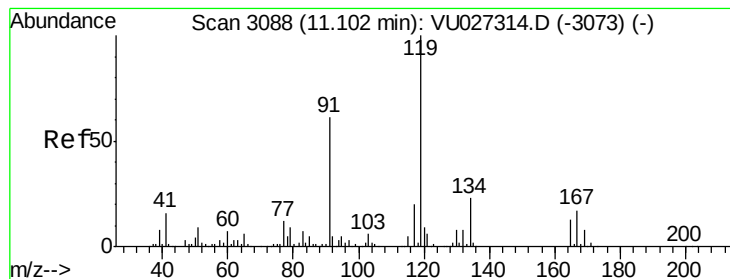
Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Tgt Ion: 91 Resp: 117147

Ion	Ratio	Lower	Upper
91	100		
126	27.8	13.6	40.8





#83

tert-Butylbenzene

Concen: 20.219 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027557.D

Acq: 10 Oct 2018 09:06

Instrument :

MSVOA_U

ClientSampleId :

VU1010WBS02

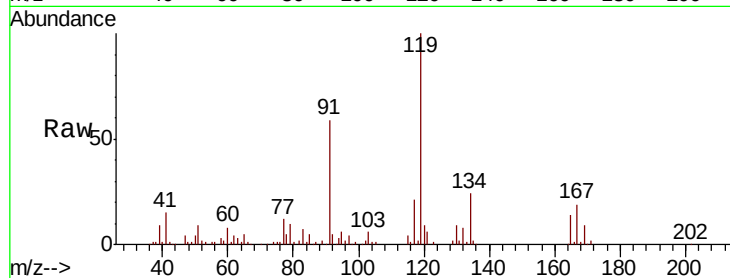
Tgt Ion:119 Resp: 115719

Ion Ratio Lower Upper

119 100

91 59.3 30.3 91.0

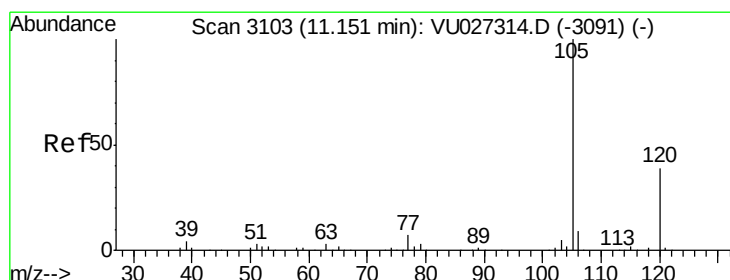
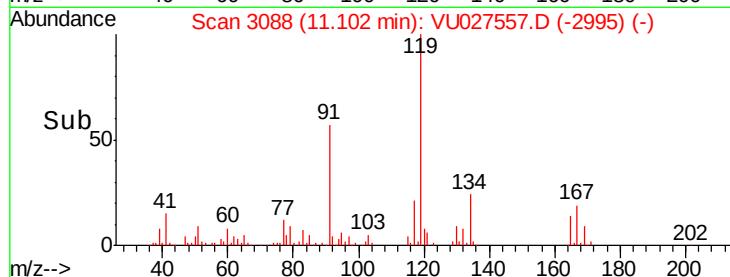
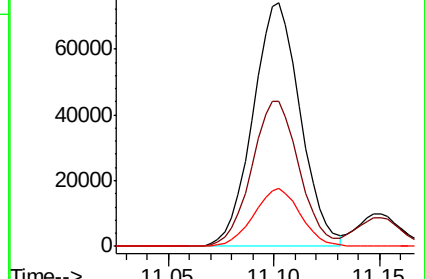
134 23.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.982 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027557.D

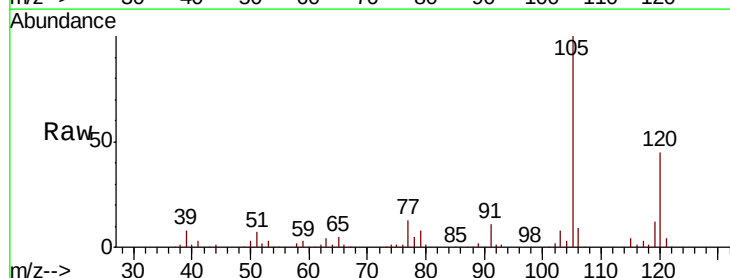
Acq: 10 Oct 2018 09:06

Tgt Ion:105 Resp: 120842

Ion Ratio Lower Upper

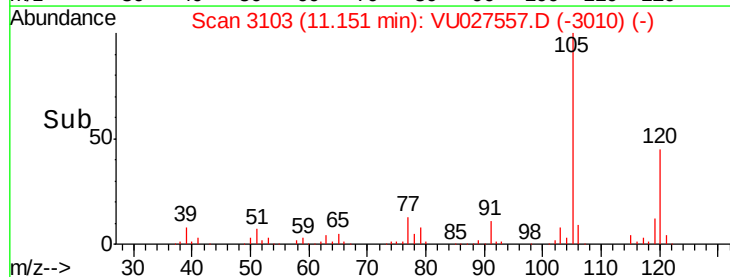
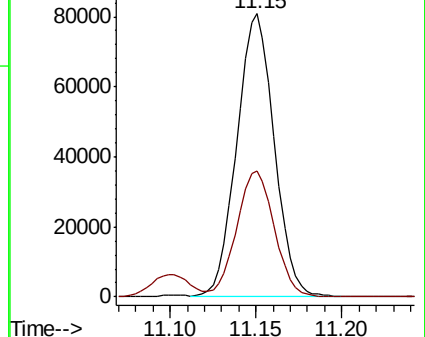
105 100

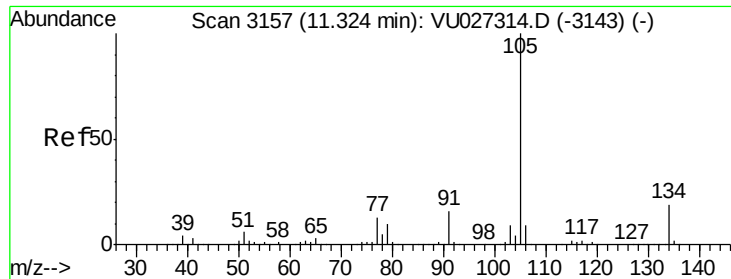
120 45.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

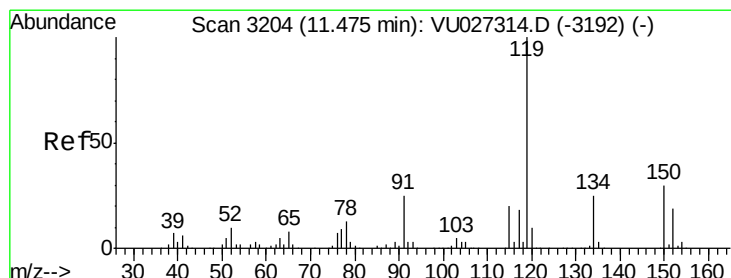
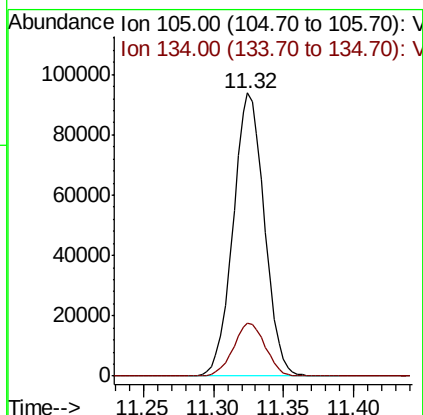
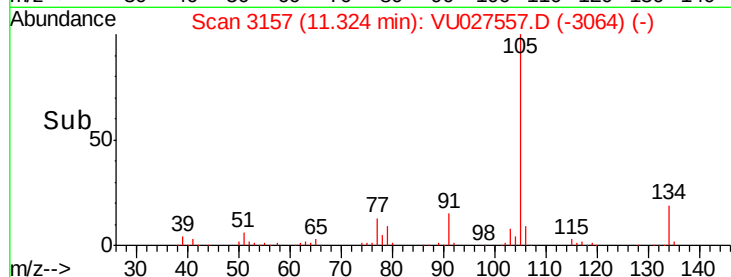
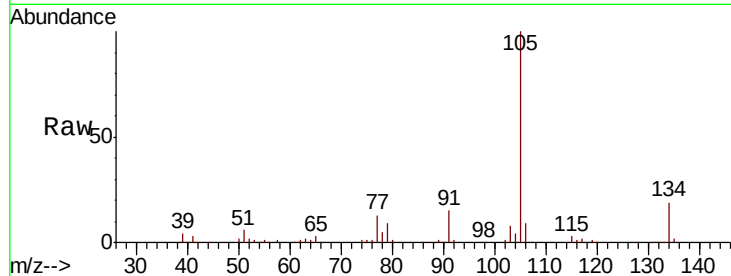




#85
 sec-Butylbenzene
 Concen: 20.140 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

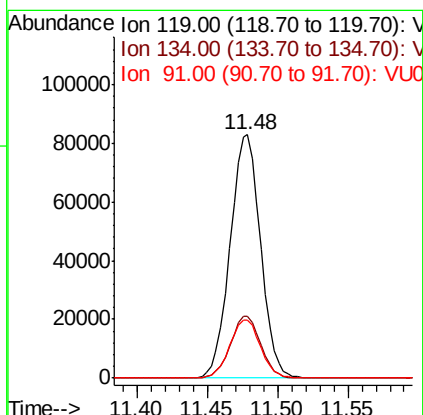
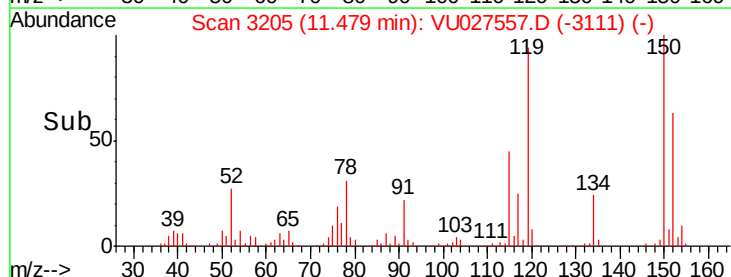
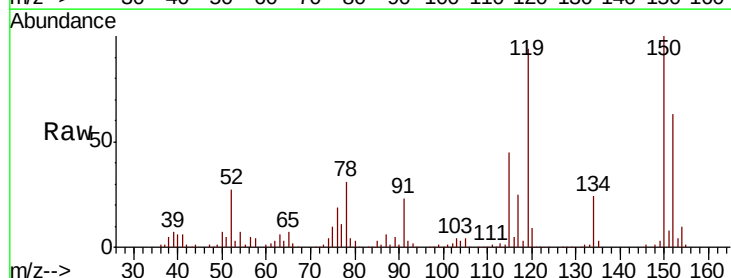
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

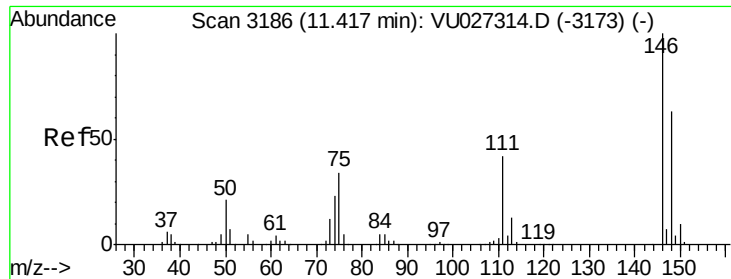
Tgt Ion:105 Resp: 145232
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.287 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion:119 Resp: 125259
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.2 12.2 36.4

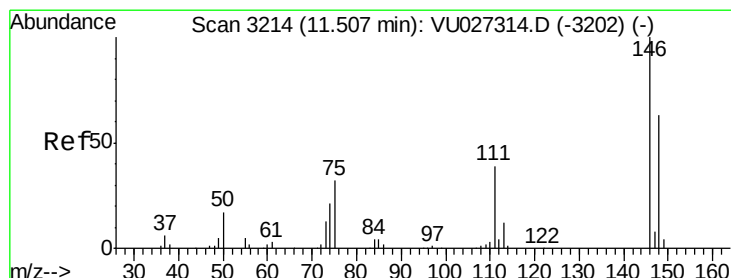
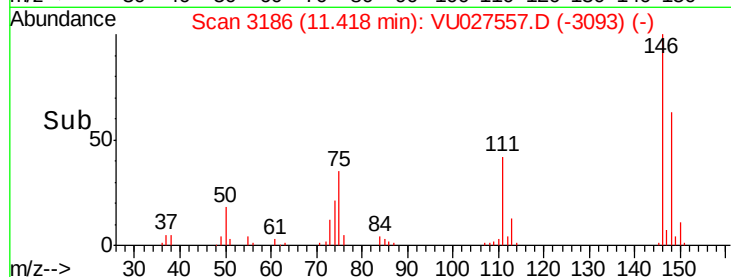
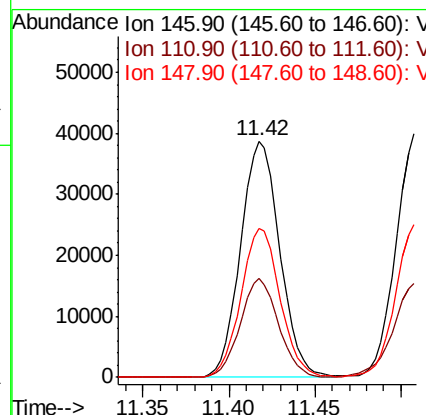
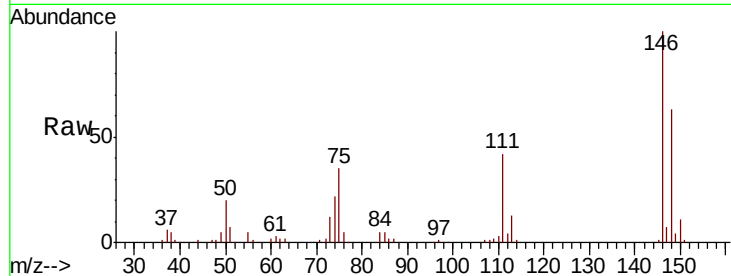




#87
 1,3-Dichlorobenzene
 Concen: 19.124 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

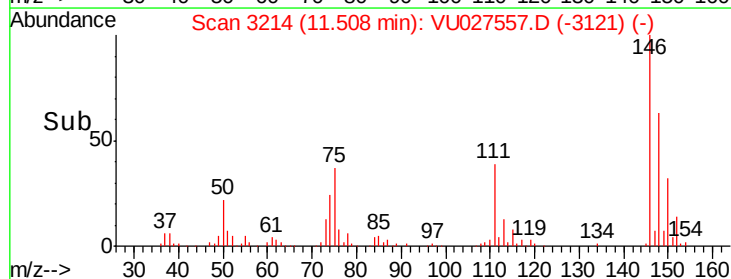
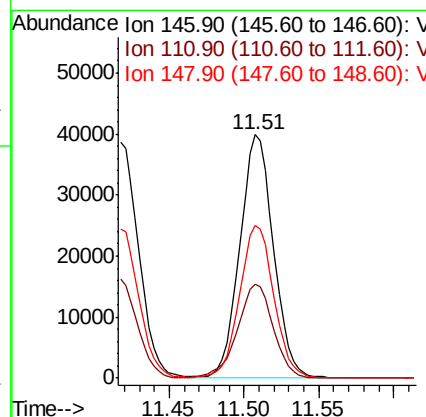
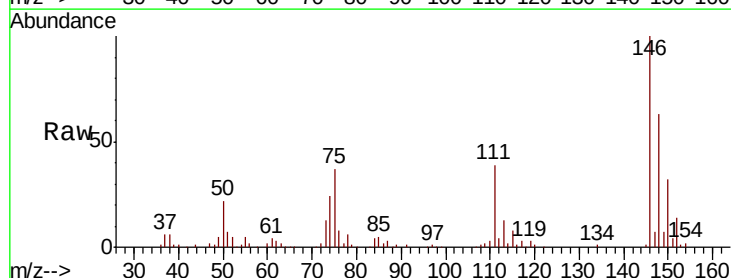
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

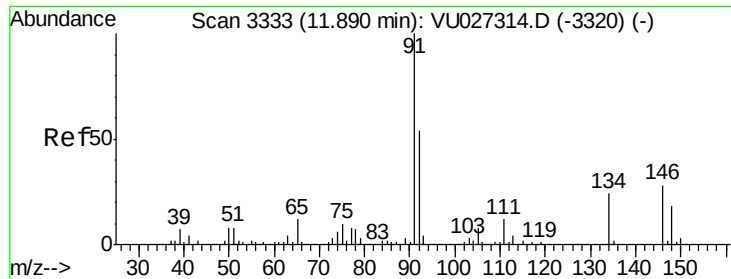
Tgt Ion:146 Resp: 61198
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 63.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 19.092 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion:146 Resp: 62430
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 64.1 31.9 95.5

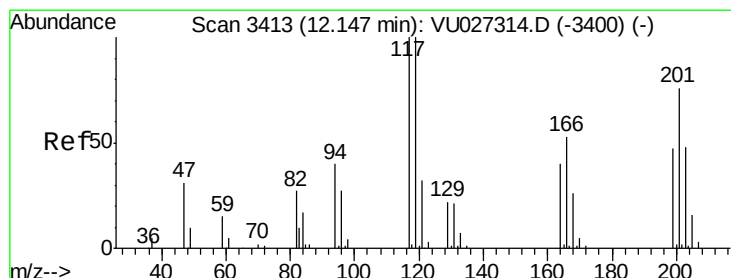
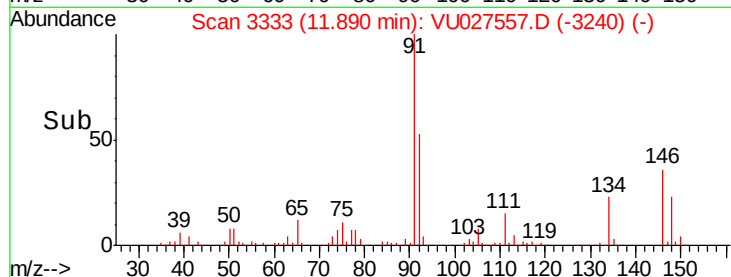
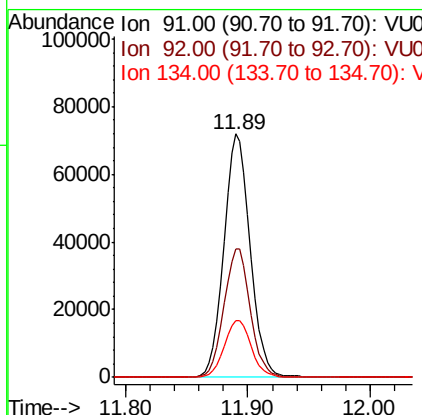
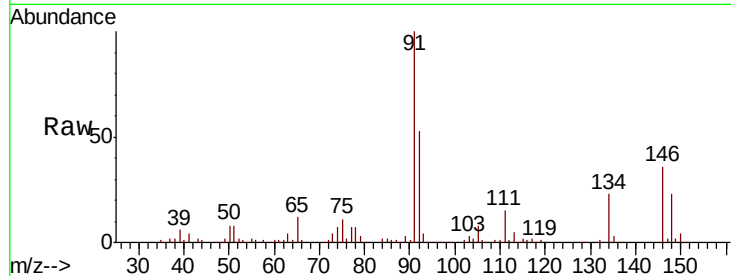




#89
n-Butylbenzene
Concen: 17.909 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

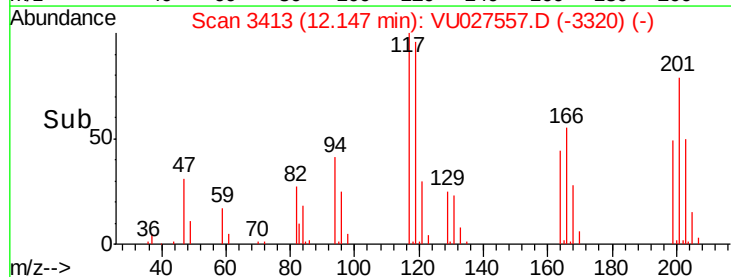
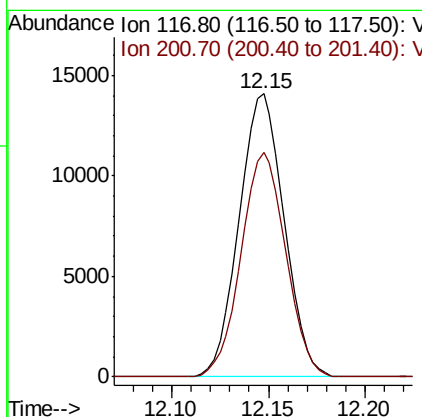
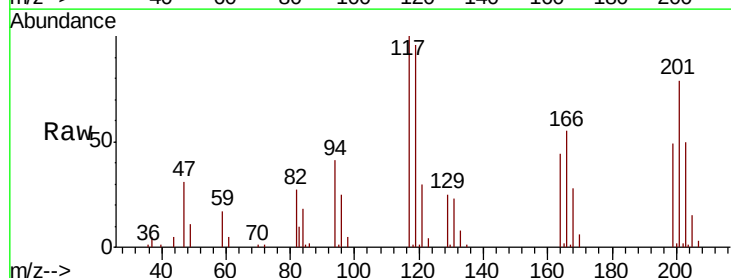
Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

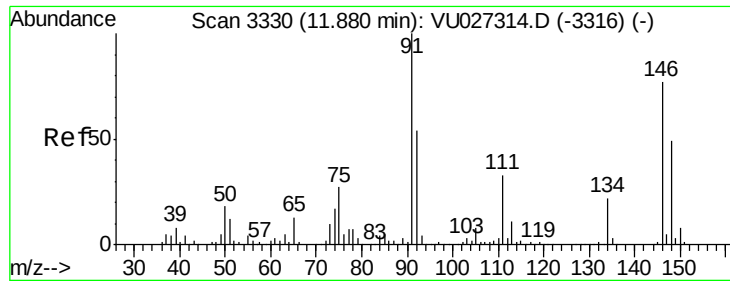
Tgt Ion: 91 Resp: 108811
Ion Ratio Lower Upper
91 100
92 53.1 27.0 81.0
134 24.0 11.7 35.1



#90
Hexachloroethane
Concen: 19.566 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion: 117 Resp: 22771
Ion Ratio Lower Upper
117 100
201 78.7 37.9 113.6

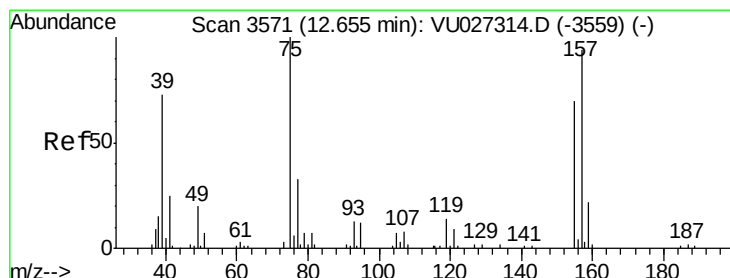
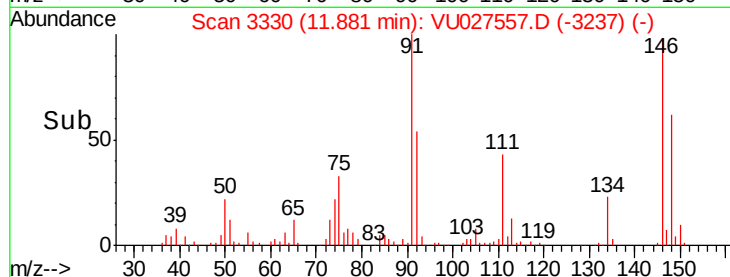
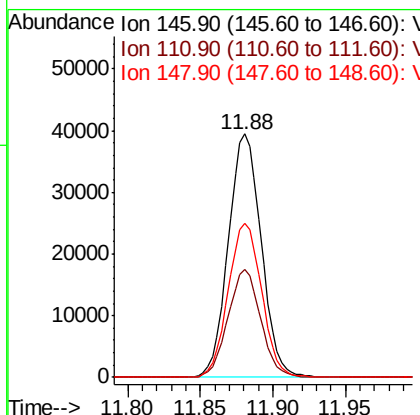
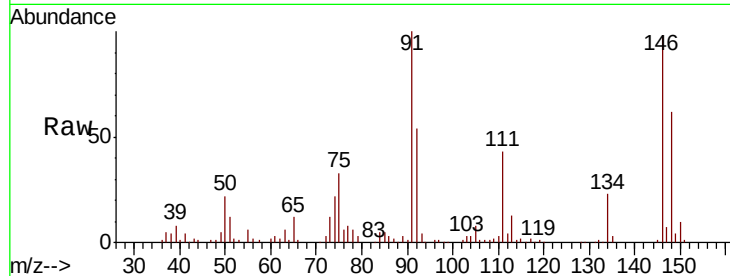




#91
 1,2-Dichlorobenzene
 Concen: 19.965 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

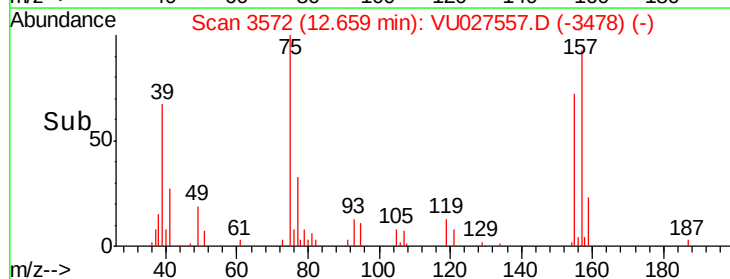
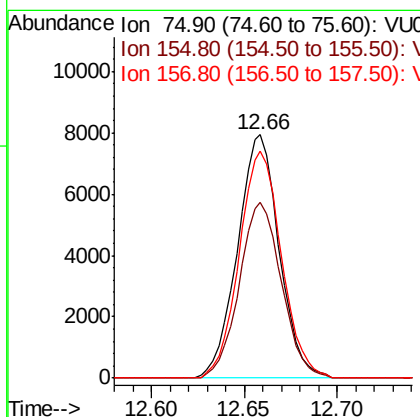
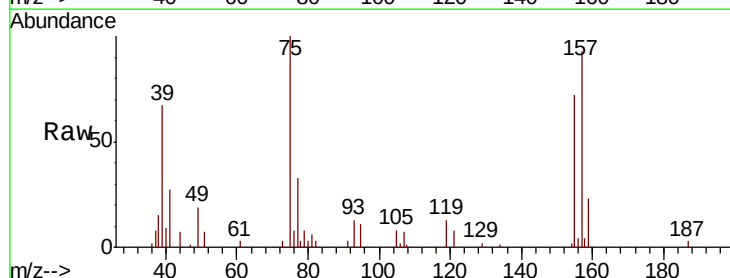
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

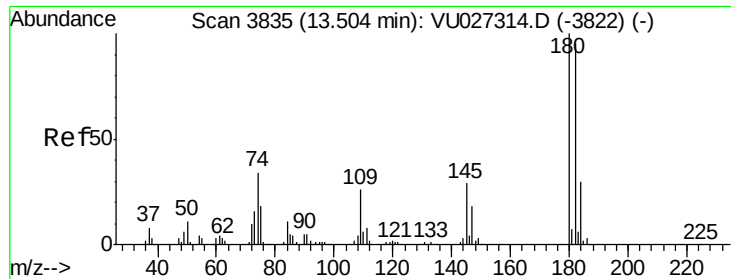
Tgt Ion: 146 Resp: 62187
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.4
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.501 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion: 75 Resp: 12340
 Ion Ratio Lower Upper
 75 100
 155 73.1 35.9 107.8
 157 94.6 46.9 140.6

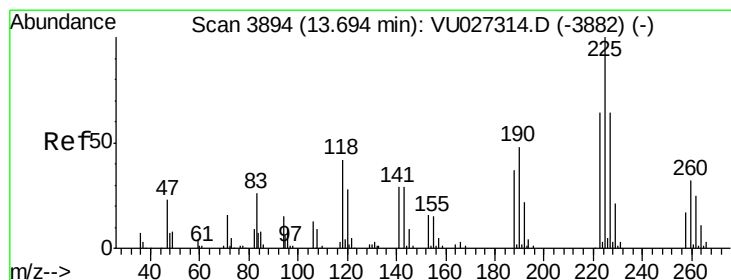
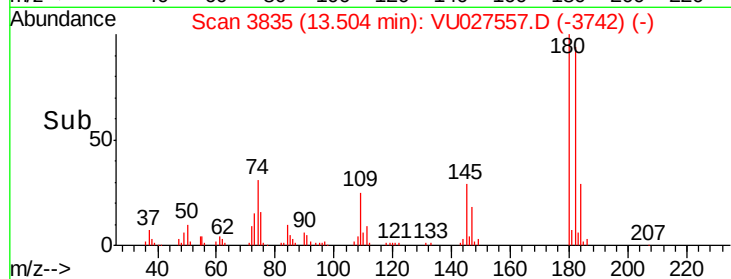
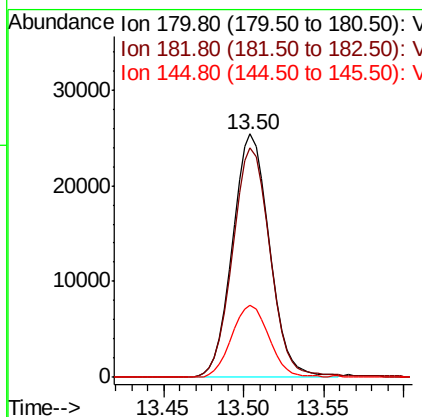
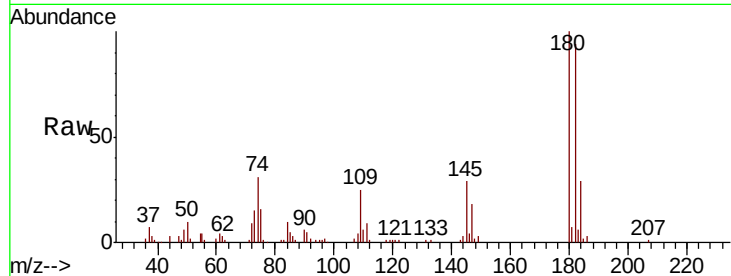




#93
 1,2,4-Trichlorobenzene
 Concen: 19.865 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

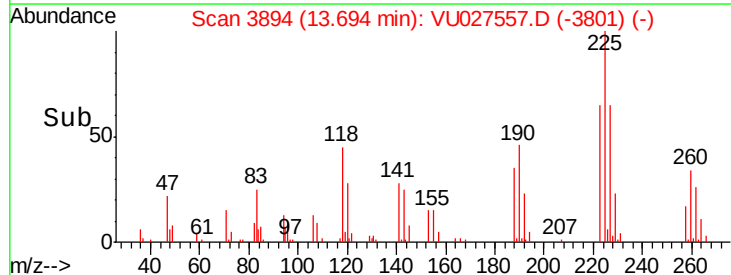
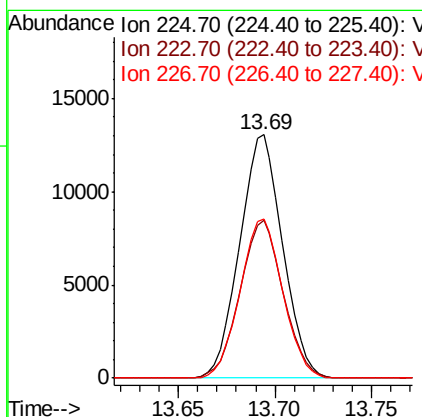
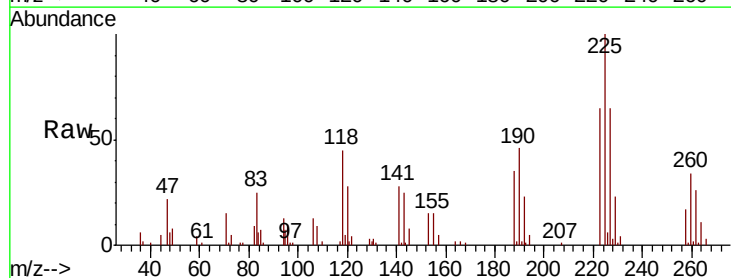
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1010WBS02

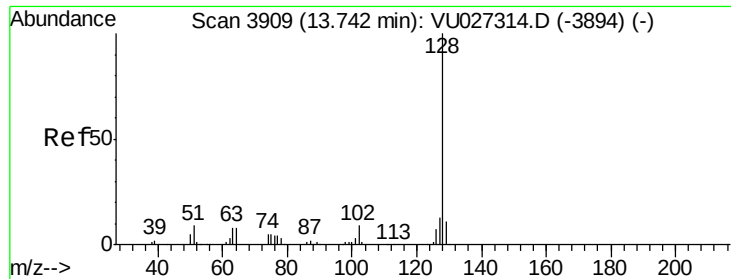
Tgt Ion:180 Resp: 40037
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.3
 145 29.8 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 19.833 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027557.D
 Acq: 10 Oct 2018 09:06

Tgt Ion:225 Resp: 20196
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.8 95.3
 227 64.7 31.9 95.7

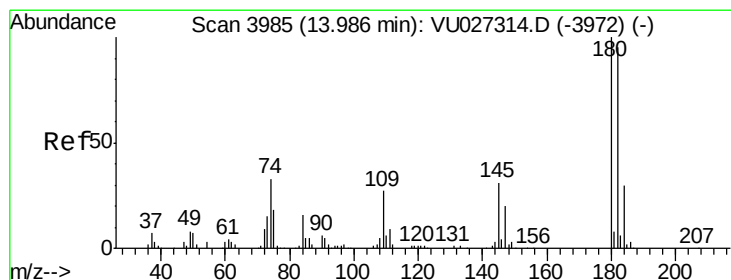
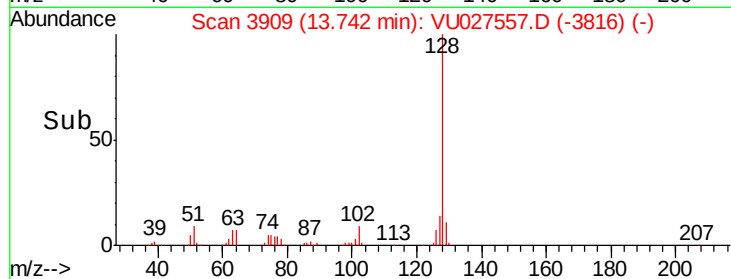
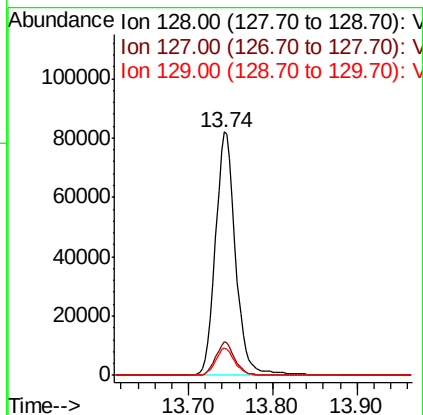
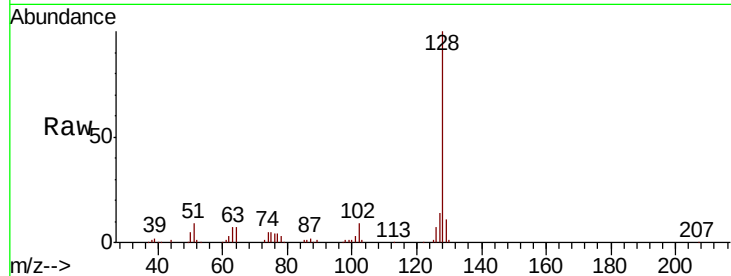




#95
Naphthalene
Concen: 19.000 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Instrument :
MSVOA_U
ClientSampleId :
VU1010WBS02

Tgt Ion:128 Resp: 135760
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.171 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027557.D
Acq: 10 Oct 2018 09:06

Tgt Ion:180 Resp: 42354
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 30.0 15.9 47.7

