

Data File : VU027090.D
Acq On : 23 Sep 2018 22:15
Operator : MD/SY
Sample : J4954-12MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 134 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Quant Time: Sep 24 07:19:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	74792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133940	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84044	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
35) Dibromofluoromethane	4.88	113	58610	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	7.57	98	224908	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	10.31	95	79731	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	48641	49.811	ug/l	98
3) Chloromethane	1.33	50	85888	51.014	ug/l	99
4) Vinyl Chloride	1.40	62	81868	52.093	ug/l	98
5) Bromomethane	1.62	94	40957	45.765	ug/l	96
6) Chloroethane	1.70	64	52045	51.831	ug/l	99
7) Trichlorofluoromethane	1.89	101	92954	52.077	ug/l	99
8) Diethyl Ether	2.11	74	47790	55.625	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	53548	48.791	ug/l	99
10) Methyl Iodide	2.41	142	56946	41.836	ug/l	100
11) Tert butyl alcohol	2.82	59	92026	266.720	ug/l	100
12) 1,1-Dichloroethene	2.29	96	53082	51.387	ug/l	98
13) Acrolein	2.20	56	44500	239.256	ug/l	99
14) Allyl chloride	2.59	41	115382	55.071	ug/l	95
15) Acrylonitrile	2.94	53	256748	295.247	ug/l	99
16) Acetone	2.32	43	231238	291.975	ug/l	99
17) Carbon Disulfide	2.48	76	167442	49.758	ug/l	99
18) Methyl Acetate	2.62	43	94715	44.207	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	225058	59.288	ug/l	99
20) Methylene Chloride	2.70	84	69606	51.632	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	59245	53.718	ug/l	100
22) Diisopropyl ether	3.57	45	275252	61.422	ug/l	96
23) Vinyl Acetate	3.53	43	817925	214.117	ug/l	99
24) 1,1-Dichloroethane	3.45	63	140590	56.962	ug/l	99
25) 2-Butanone	4.26	43	365204	288.688	ug/l	99
26) 2,2-Dichloropropane	4.23	77	57419	29.830	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	68588	55.068	ug/l	98
28) Bromochloromethane	4.55	49	75056	63.085	ug/l	94
29) Tetrahydrofuran	4.64	42	240459	314.215	ug/l	96
30) Chloroform	4.68	83	124900	54.517	ug/l	99
31) Cyclohexane	5.00	56	124639	55.618	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	102218	55.881	ug/l	99
36) 1,1-Dichloropropene	5.14	75	91731	51.316	ug/l	98
37) Ethyl Acetate	4.38	43	99741	41.217	ug/l	99
38) Carbon Tetrachloride	5.14	117	84051	49.409	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	98288	50.596	ug/l	98
40) Benzene	5.39	78	278999	51.341	ug/l	99
41) Methacrylonitrile	4.54	41	75737	60.263	ug/l	97
42) 1,2-Dichloroethane	5.40	62	110583	53.861	ug/l	100
43) Isopropyl Acetate	5.55	43	176057	49.887	ug/l	97
44) Trichloroethene	6.19	130	58443	50.517	ug/l	99
45) 1,2-Dichloropropane	6.43	63	83454	53.897	ug/l	99
46) Dibromomethane	6.56	93	47988	51.316	ug/l	99
47) Bromodichloromethane	6.76	83	100030	52.900	ug/l	98
48) Methyl methacrylate	6.62	41	104068	54.094	ug/l	98
49) 1,4-Dioxane	6.61	88	33816	886.264	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	709456	298.899	ug/l	99
52) Toluene	7.64	92	167665	53.827	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	106025	52.187	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	109170	48.871	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	70294	53.259	ug/l	99
56) Ethyl methacrylate	8.02	69	117453	51.231	ug/l	97
57) 1,3-Dichloropropane	8.24	76	133800	54.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	523	5.256	ug/l #	52
59) 2-Hexanone	8.36	43	539151	290.182	ug/l	99
60) Dibromochloromethane	8.48	129	69275	53.509	ug/l	100
61) 1,2-Dibromoethane	8.59	107	71694	52.207	ug/l	100
64) Tetrachloroethene	8.23	164	46919	45.630	ug/l	96
65) Chlorobenzene	9.12	112	170449	48.174	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	62599	51.367	ug/l	98
67) Ethyl Benzene	9.25	91	311879	53.605	ug/l	99
68) m/p-Xylenes	9.38	106	229552	97.461	ug/l	98
69) o-Xylene	9.78	106	111486	54.082	ug/l	98
70) Styrene	9.79	104	177036	46.140	ug/l	99
71) Bromoform	9.96	173	49952	53.005	ug/l #	100
73) Isopropylbenzene	10.17	105	302233	55.945	ug/l	100
74) N-amyl acetate	10.01	43	131602	42.084	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	125055	50.347	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	141095	65.396	ug/l	84
77) Bromobenzene	10.45	156	68246	51.695	ug/l	95
78) n-propylbenzene	10.59	91	360337	56.371	ug/l	99
79) 2-Chlorotoluene	10.66	91	215959	53.786	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	247095	55.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	141095	209.280	ug/l #	100
82) 4-Chlorotoluene	10.77	91	246449	54.741	ug/l	98
83) tert-Butylbenzene	11.10	119	241446	54.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	255118	56.213	ug/l	99
85) sec-Butylbenzene	11.32	105	297697	55.314	ug/l	99
86) p-Isopropyltoluene	11.48	119	249341	49.385	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	122503	49.866	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	124418	46.468	ug/l	99
89) n-Butylbenzene	11.89	91	226043	46.357	ug/l	99
90) Hexachloroethane	12.14	117	50082	51.172	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	125497	48.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28325	55.899	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\
Quantitation Report (Not Reviewed)

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ClientSampleId :
SA-SW204-20180914MSD

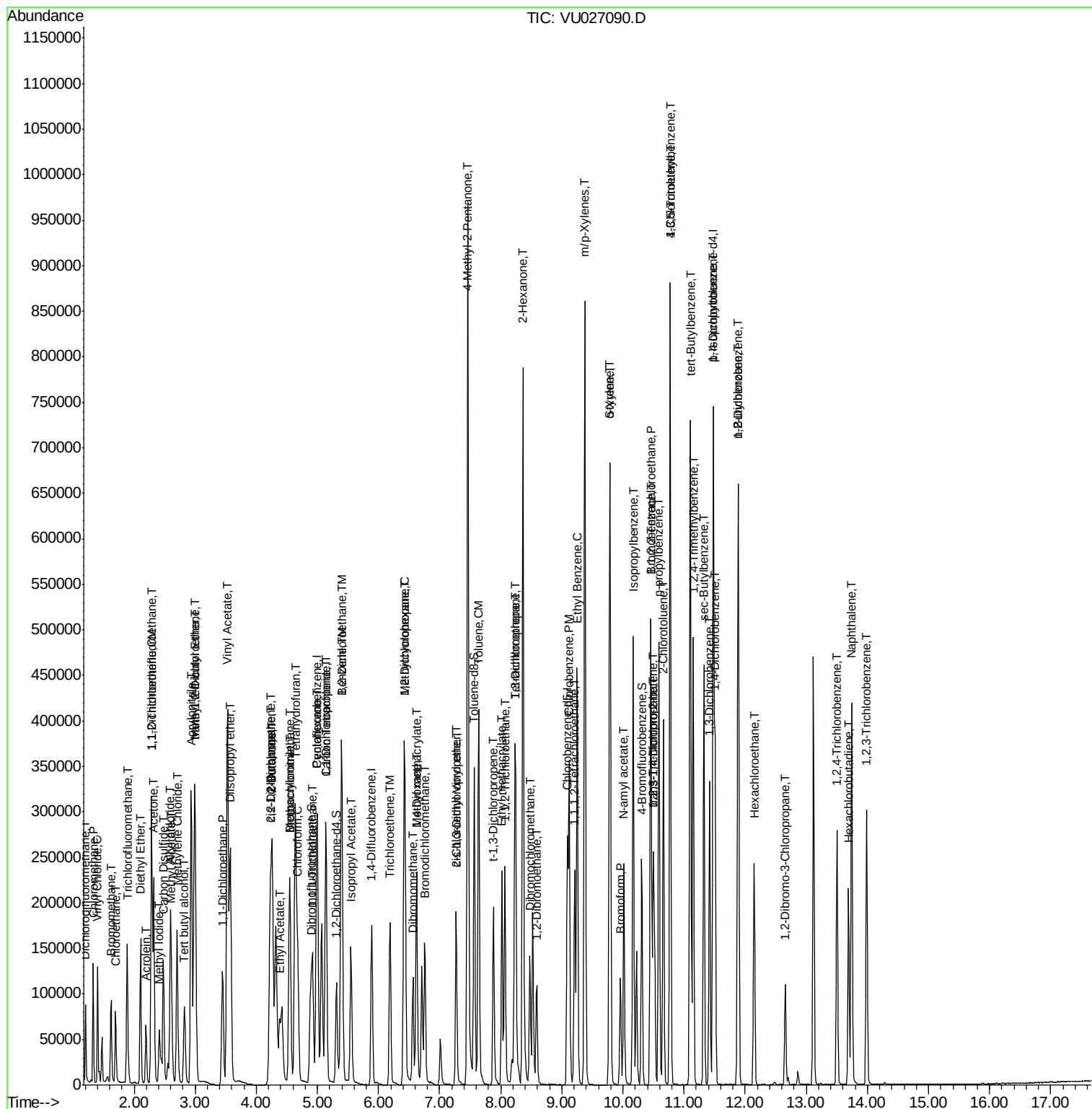
Quant Time: Sep 24 07:19:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

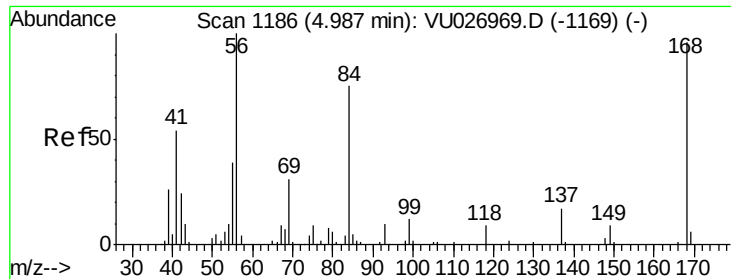
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	79809	53.071	ug/l	100
94) Hexachlorobutadiene	13.69	225	36375	45.715	ug/l	98
95) Naphthalene	13.74	128	303510	51.565	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86277	53.499	ug/l	99

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

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Quant Time: Sep 24 07:19:35 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

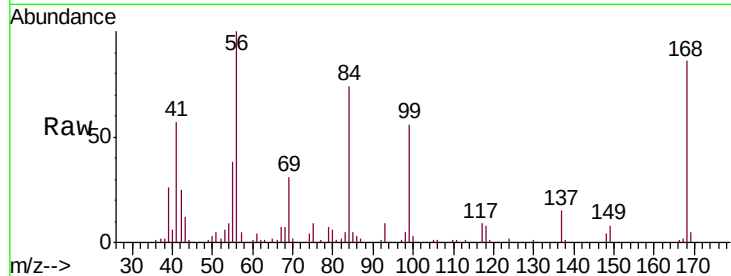
SA-SW204-20180914MSD

Tgt Ion:168 Resp: 74792

Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

30000

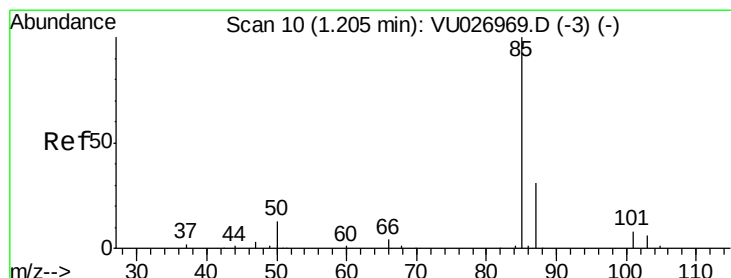
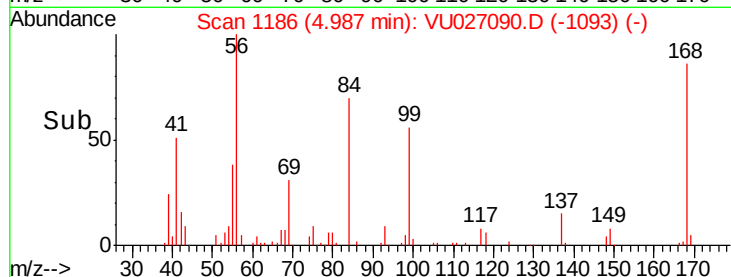
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 49.811 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027090.D

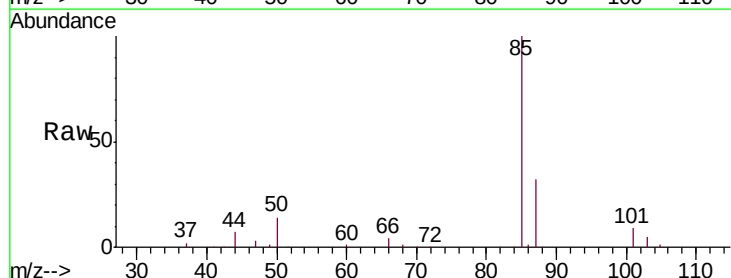
Acq: 23 Sep 2018 22:15

Tgt Ion: 85 Resp: 48641

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

50000

40000

30000

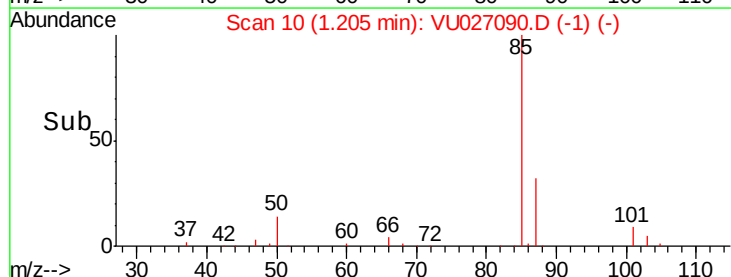
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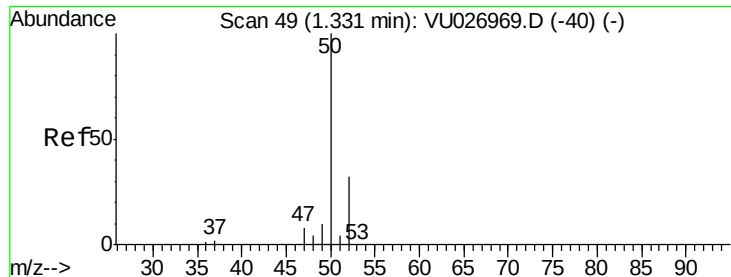
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 51.014 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

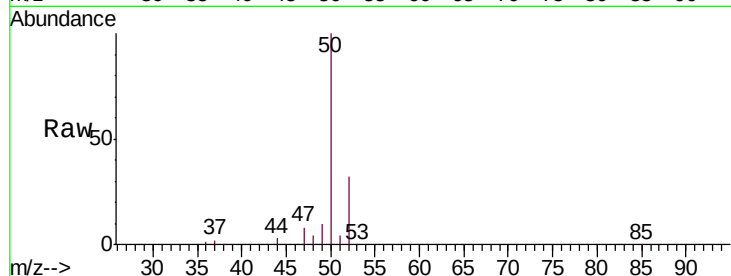
SA-SW204-20180914MSD

Tgt Ion: 50 Resp: 85888

Ion Ratio Lower Upper

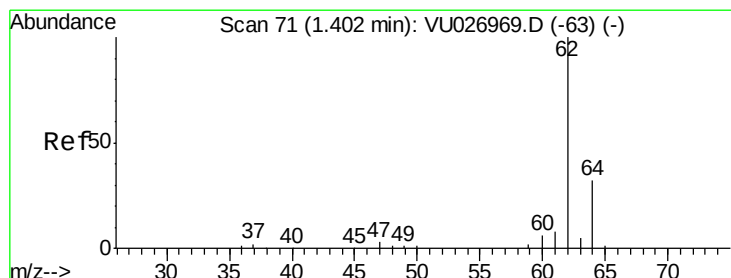
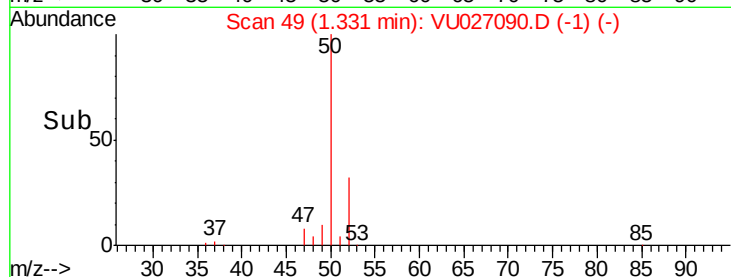
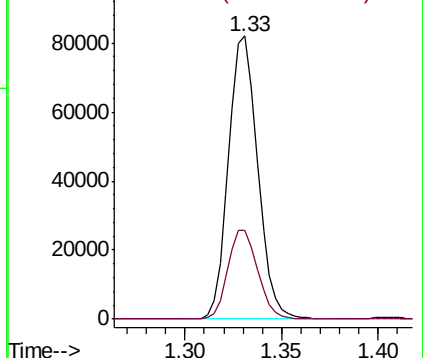
50 100

52 31.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 52.093 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027090.D

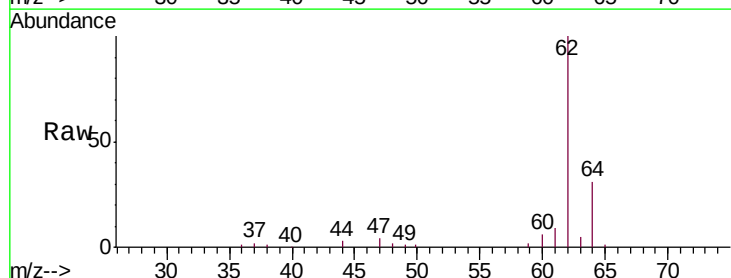
Acq: 23 Sep 2018 22:15

Tgt Ion: 62 Resp: 81868

Ion Ratio Lower Upper

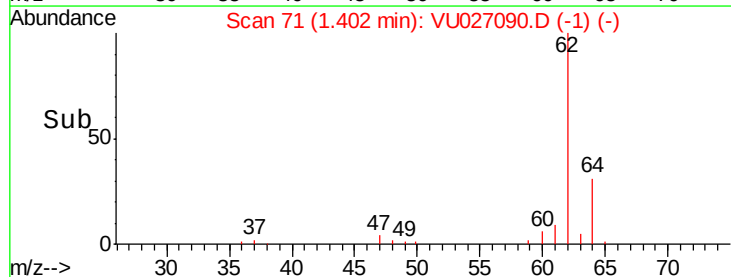
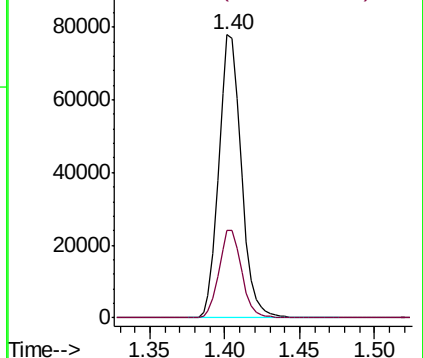
62 100

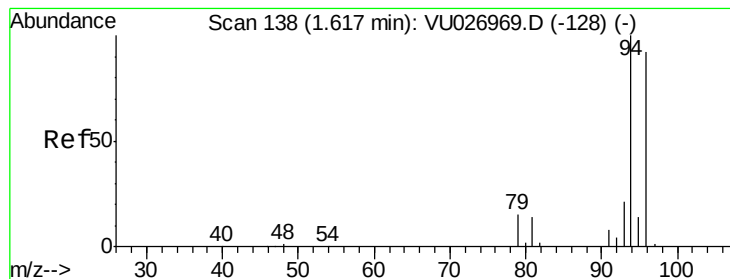
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 45.765 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

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ClientSampleId :

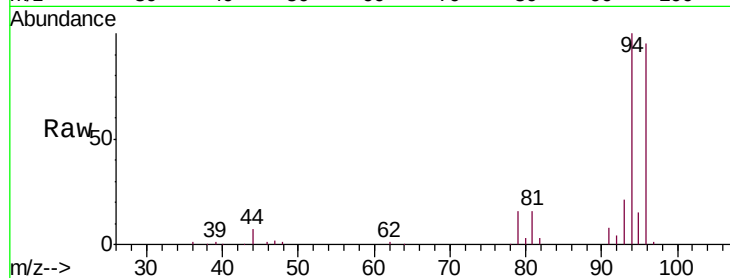
SA-SW204-20180914MSD

Tgt Ion: 94 Resp: 40957

Ion Ratio Lower Upper

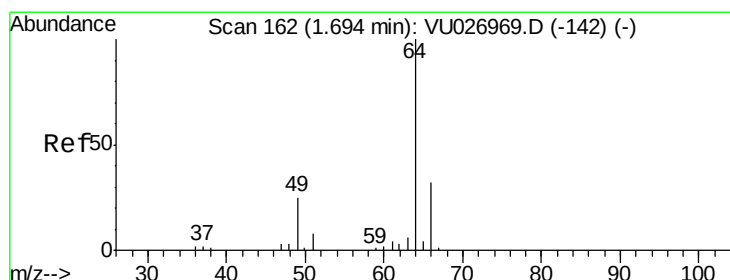
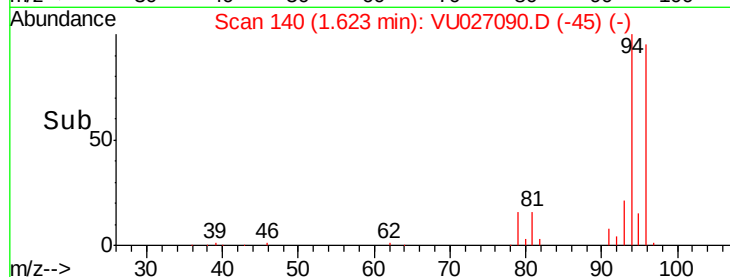
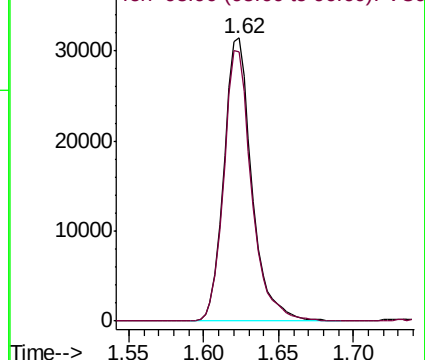
94 100

96 95.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 51.831 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027090.D

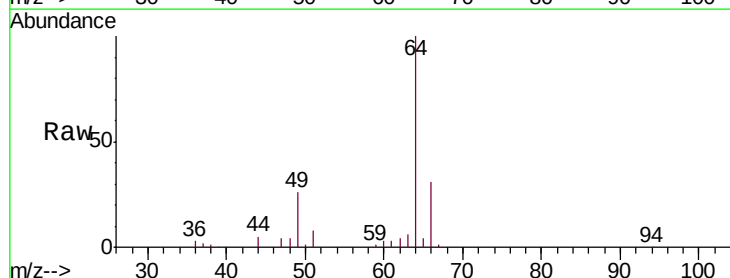
Acq: 23 Sep 2018 22:15

Tgt Ion: 64 Resp: 52045

Ion Ratio Lower Upper

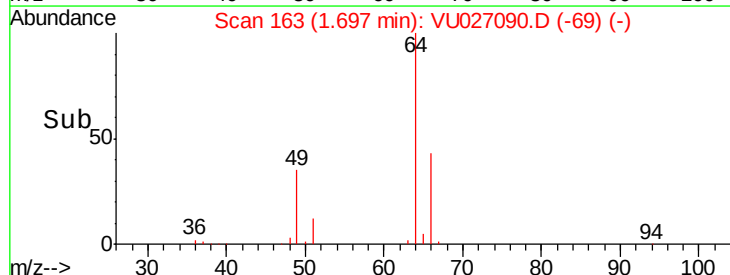
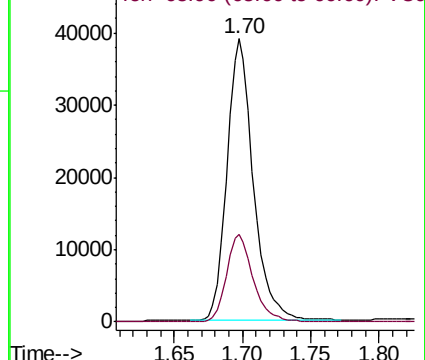
64 100

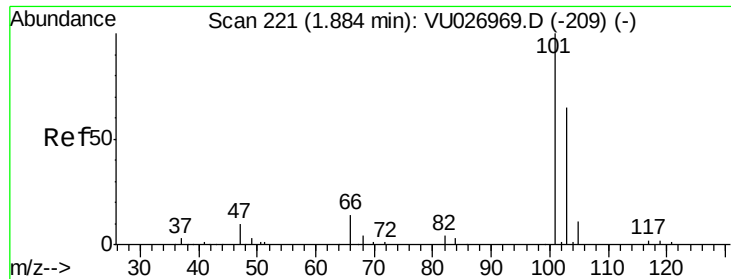
66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



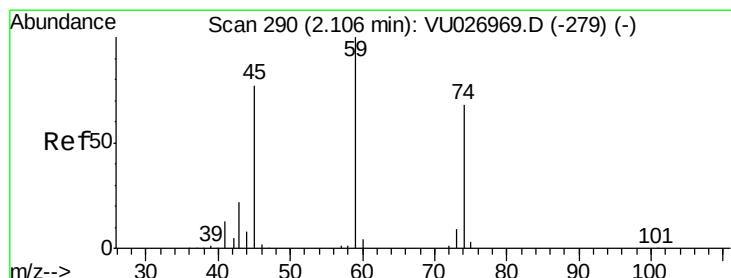
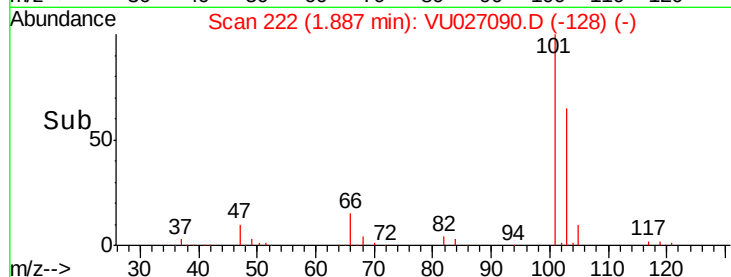
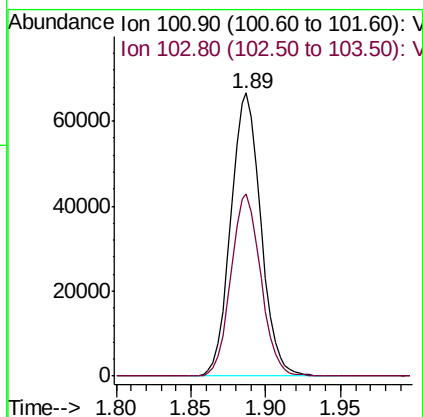
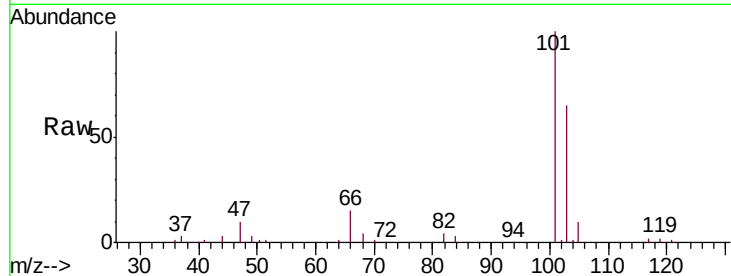


#7

Trichlorofluoromethane
 Concen: 52.077 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
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 SA-SW204-20180914MSD

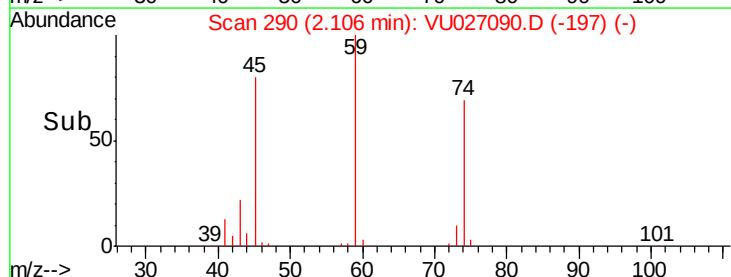
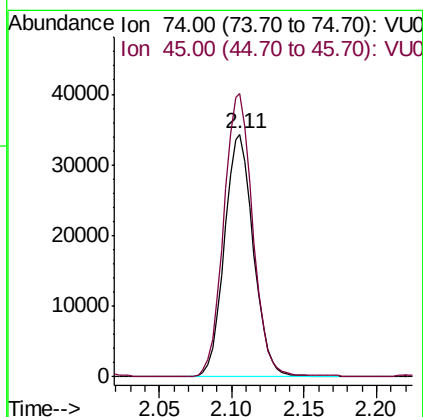
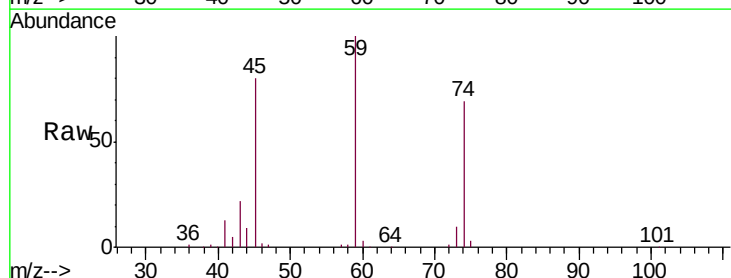
Tgt Ion:101 Resp: 92954
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.2

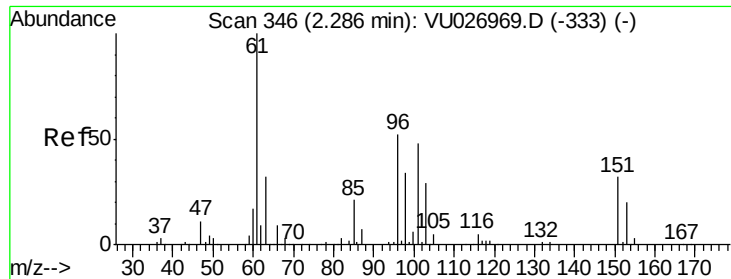


#8

Diethyl Ether
 Concen: 55.625 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 74 Resp: 47790
 Ion Ratio Lower Upper
 74 100
 45 117.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.791 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

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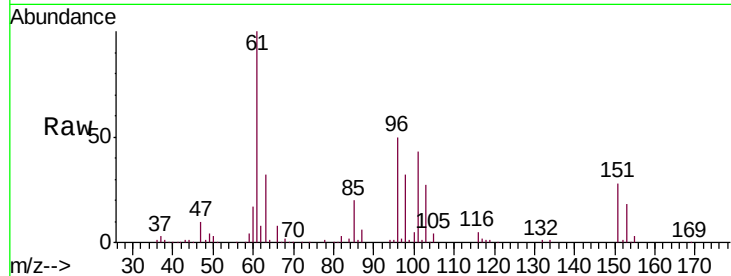
Tgt Ion:101 Resp: 53548

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.2

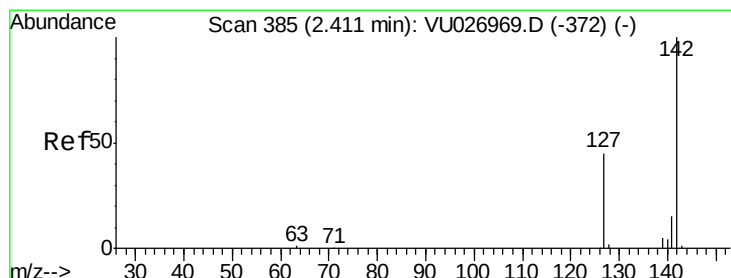
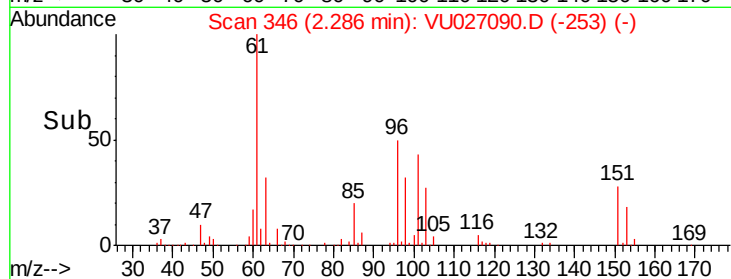
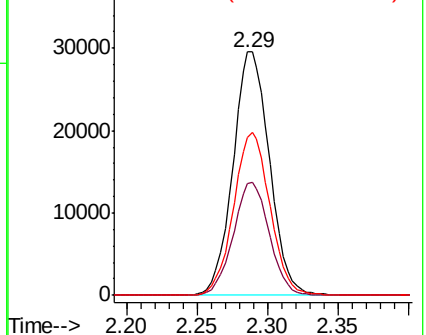
151 66.8 54.5 81.7



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: 41.836 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

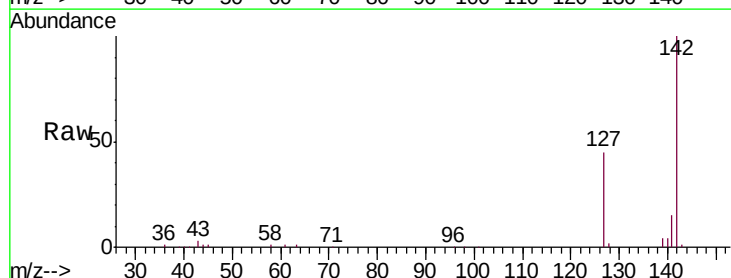
Tgt Ion:142 Resp: 56946

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

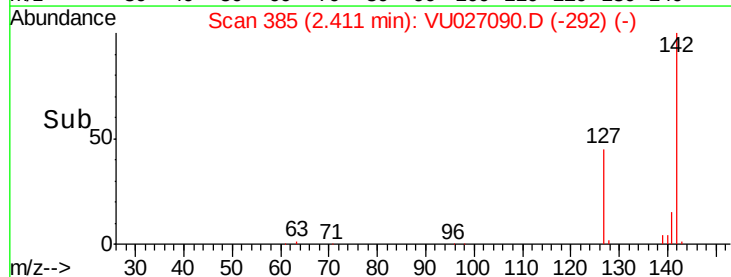
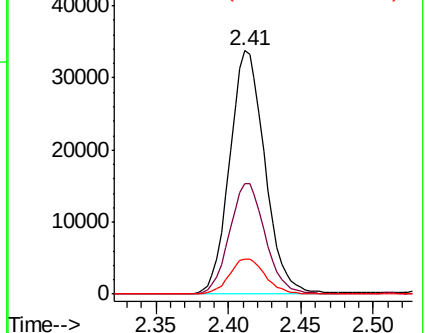
141 14.5 11.8 17.6

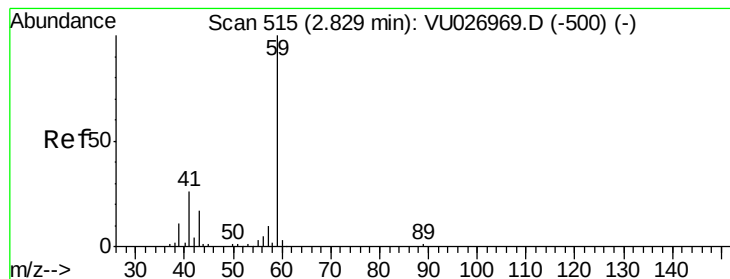


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



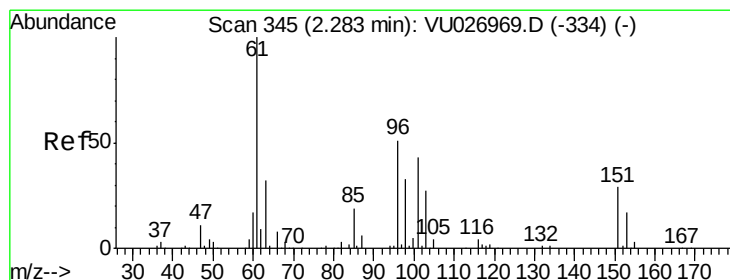
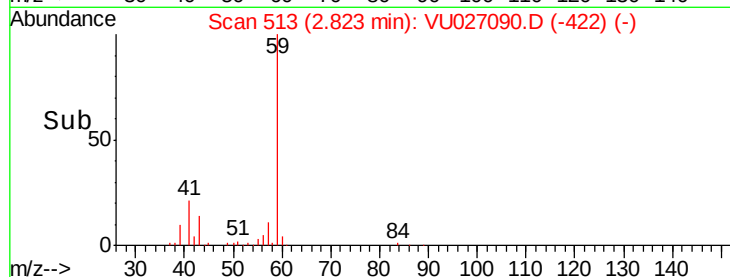
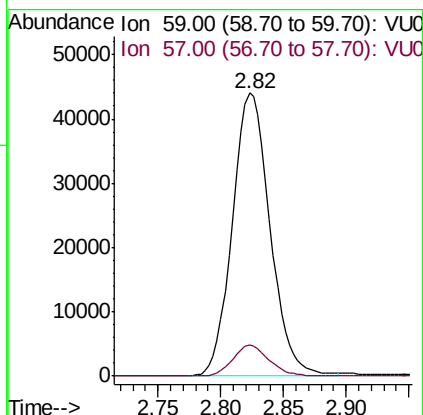
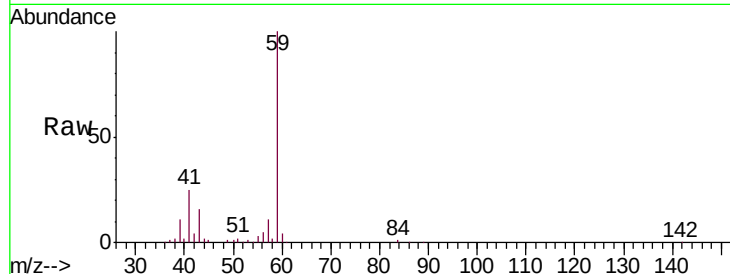


#11

Tert butyl alcohol
 Concen: 266.720 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

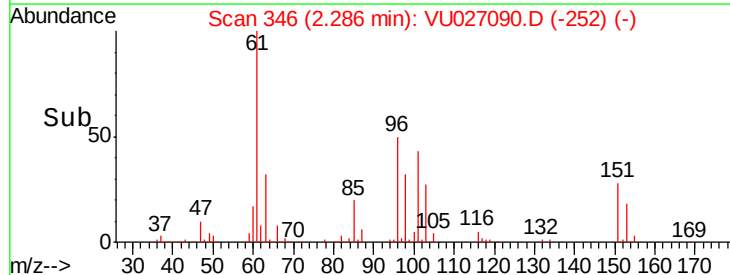
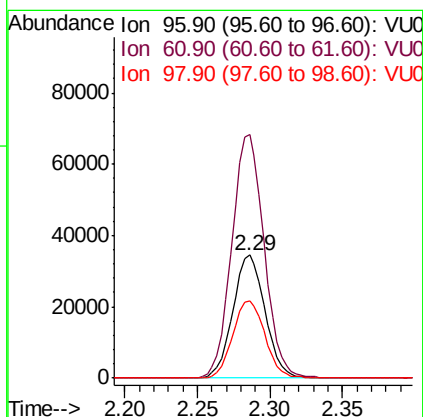
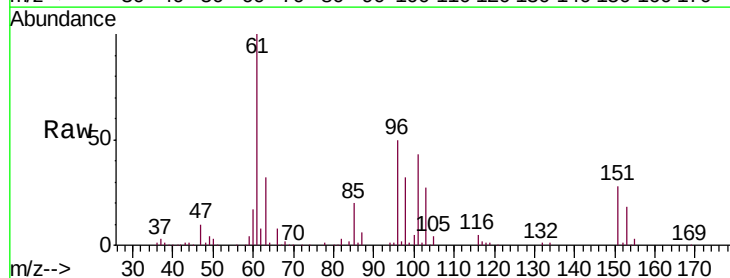
Tgt Ion: 59 Resp: 92026
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

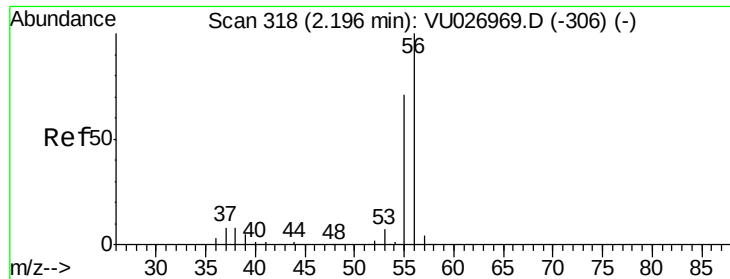


#12

1,1-Dichloroethene
 Concen: 51.387 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 96 Resp: 53082
 Ion Ratio Lower Upper
 96 100
 61 198.0 156.1 234.1
 98 62.9 51.4 77.0

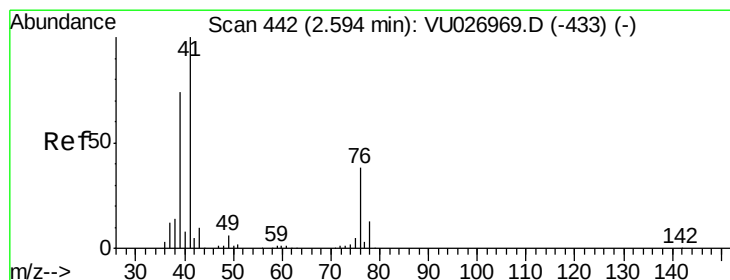
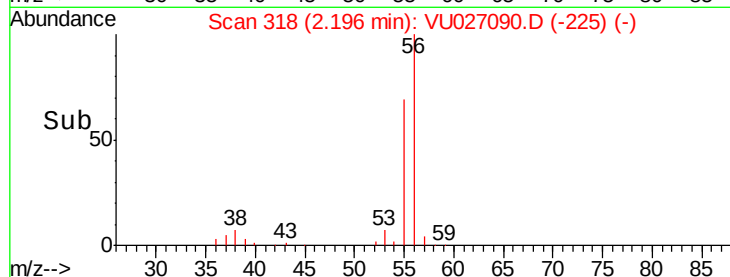
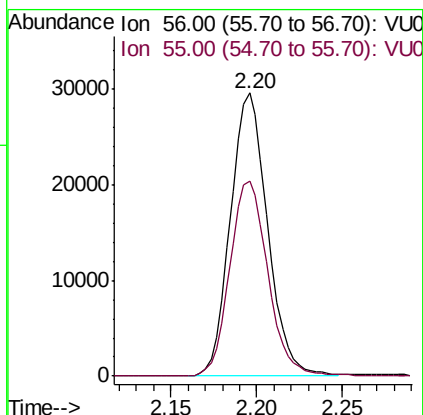
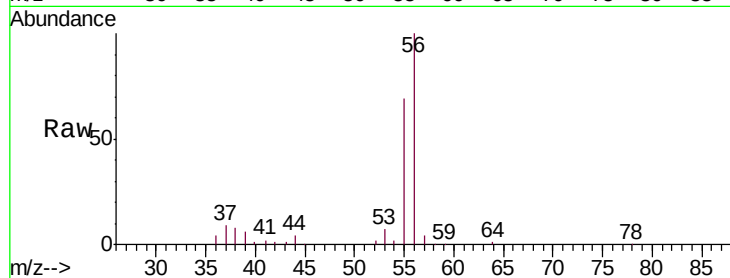




#13
 Acrolein
 Concen: 239.256 ug/l
 RT: 2.20 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

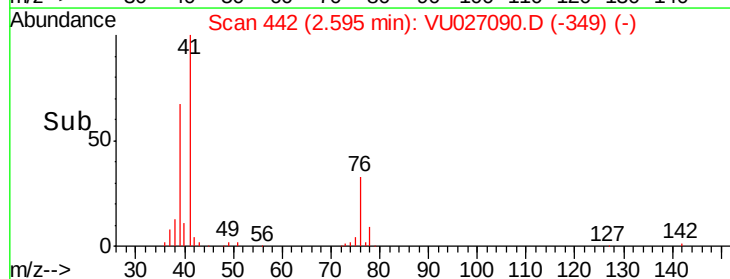
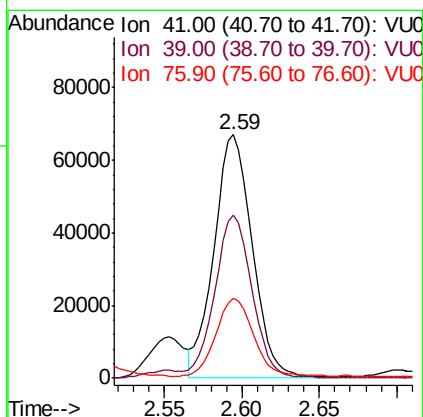
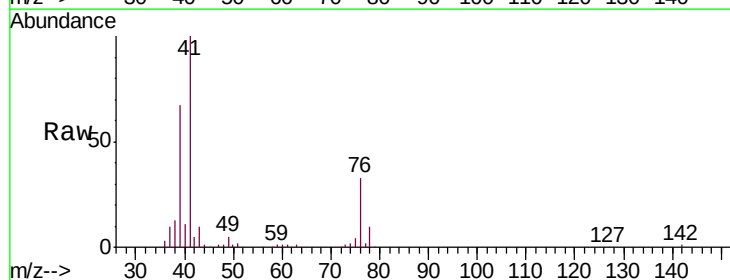
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

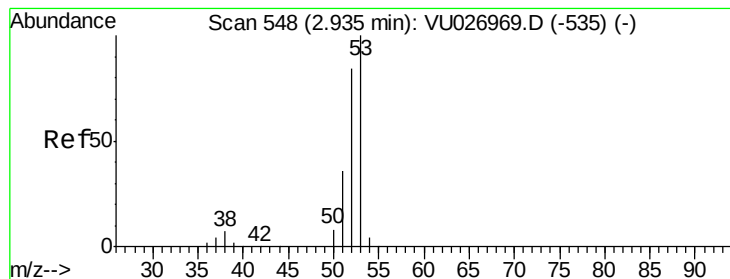
Tgt Ion: 56 Resp: 44500
 Ion Ratio Lower Upper
 56 100
 55 70.8 57.1 85.7



#14
 Allyl chloride
 Concen: 55.071 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 41 Resp: 115382
 Ion Ratio Lower Upper
 41 100
 39 65.1 55.7 83.5
 76 31.8 26.5 39.7





#15

Acrylonitrile

Concen: 295.247 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

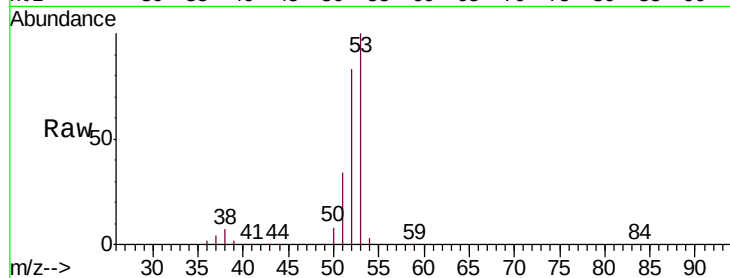
Tgt Ion: 53 Resp: 256748

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

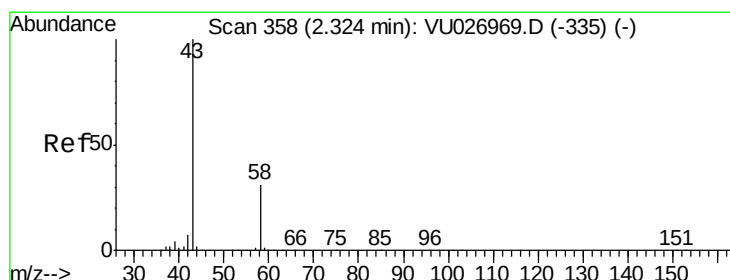
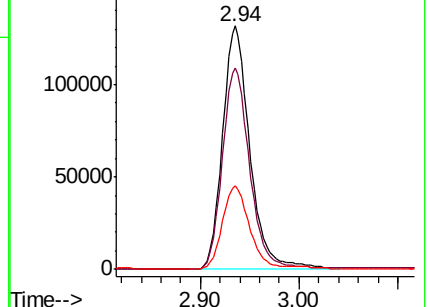
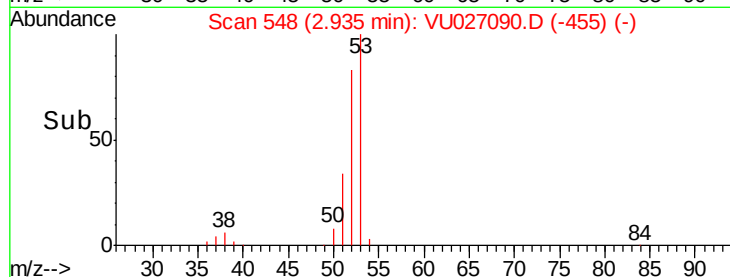
51 33.7 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027090.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027090.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027090.D (-535) (-)



#16

Acetone

Concen: 291.975 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027090.D

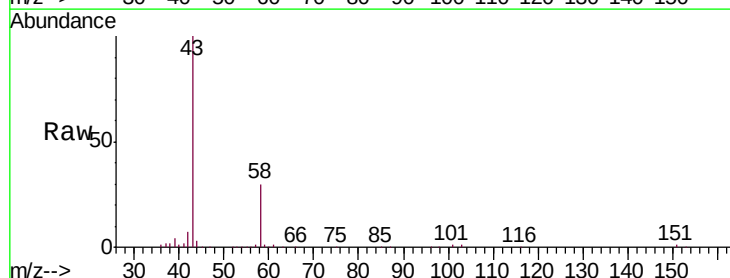
Acq: 23 Sep 2018 22:15

Tgt Ion: 43 Resp: 231238

Ion Ratio Lower Upper

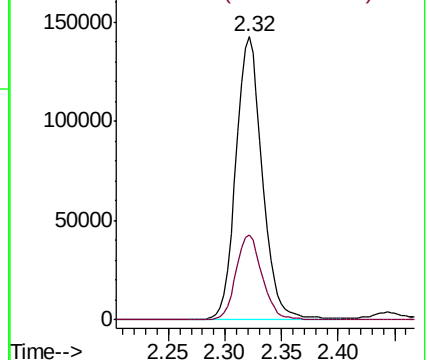
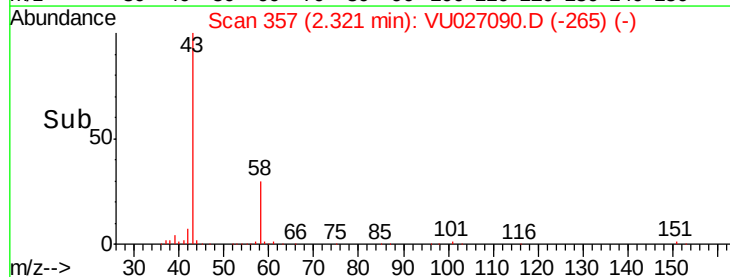
43 100

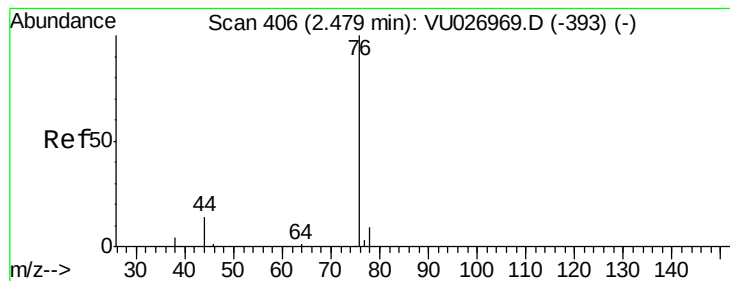
58 30.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027090.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027090.D (-265) (-)





#17

Carbon Disulfide

Concen: 49.758 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

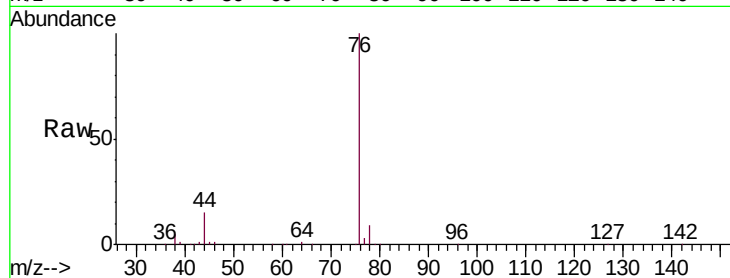
SA-SW204-20180914MSD

Tgt Ion: 76 Resp: 167442

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU027090.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027090.D (-313) (-)

2.48

100000

80000

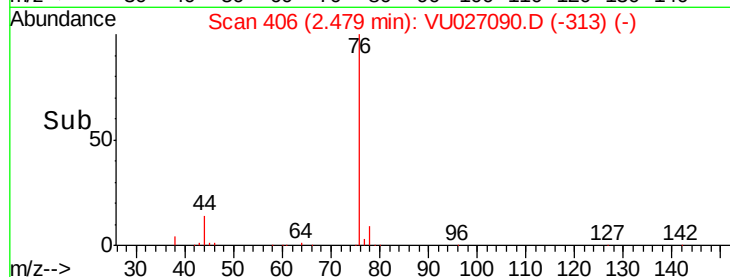
60000

40000

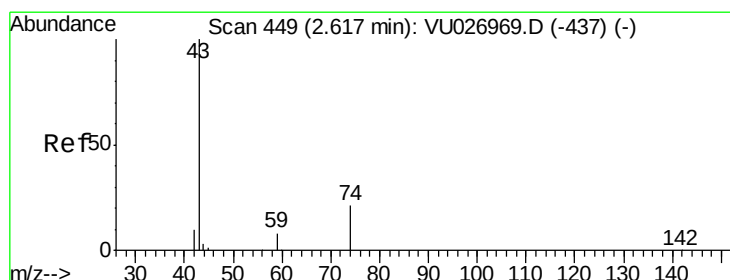
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 44.207 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027090.D

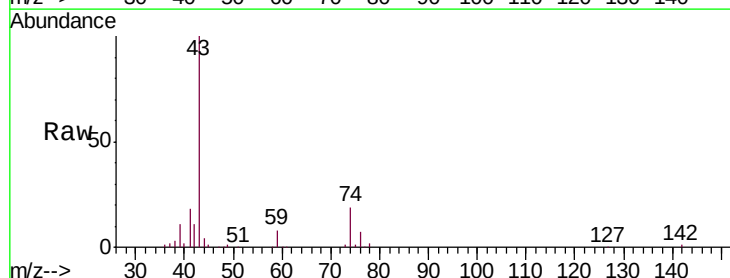
Acq: 23 Sep 2018 22:15

Tgt Ion: 43 Resp: 94715

Ion Ratio Lower Upper

43 100

74 20.0 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU027090.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027090.D (-356) (-)

2.62

60000

50000

40000

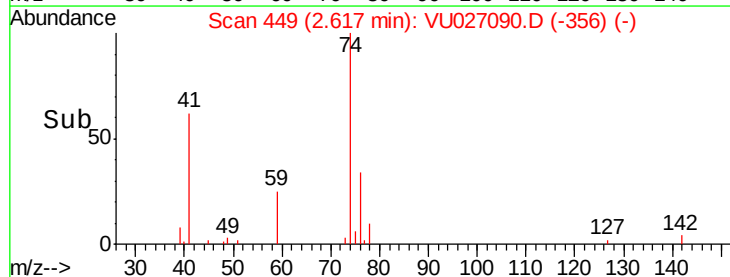
30000

20000

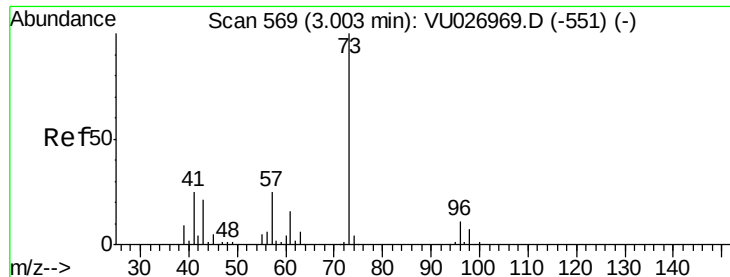
10000

0

Time-->



Time-->



#19

Methyl tert-butyl Ether

Concen: 59.288 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

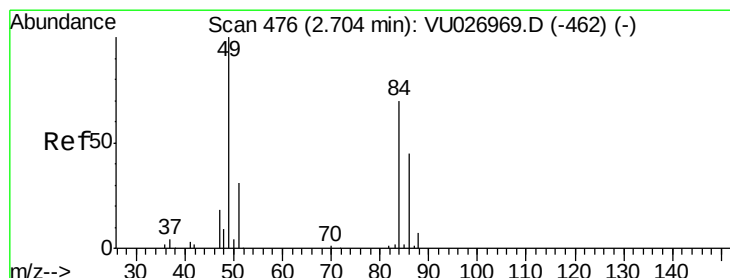
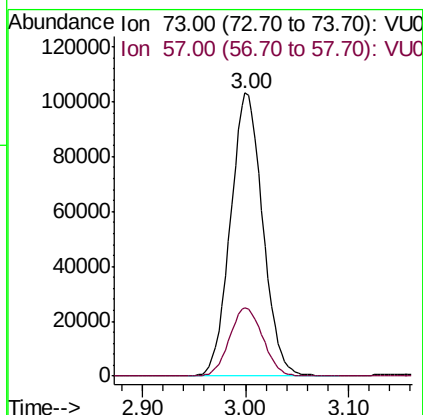
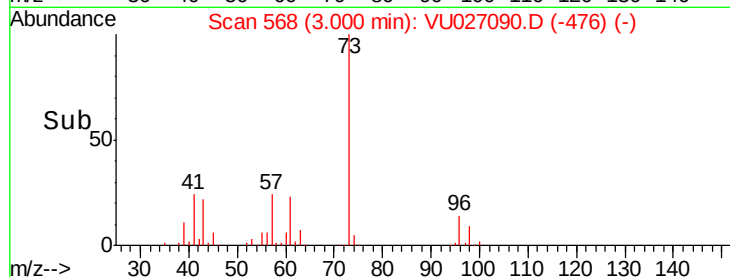
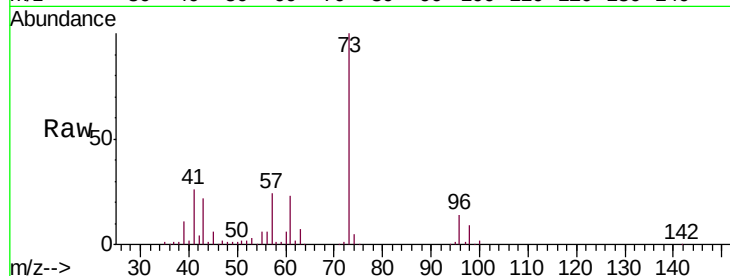
SA-SW204-20180914MSD

Tgt Ion: 73 Resp: 225058

Ion Ratio Lower Upper

73 100

57 24.2 19.8 29.6



#20

Methylene Chloride

Concen: 51.632 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion: 84 Resp: 69606

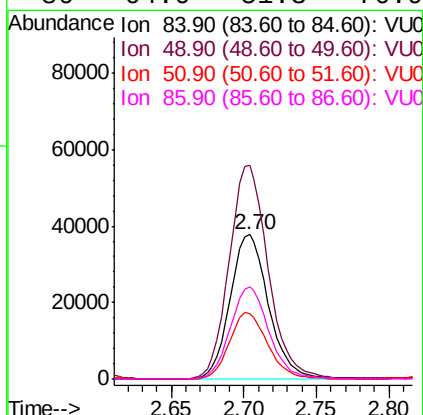
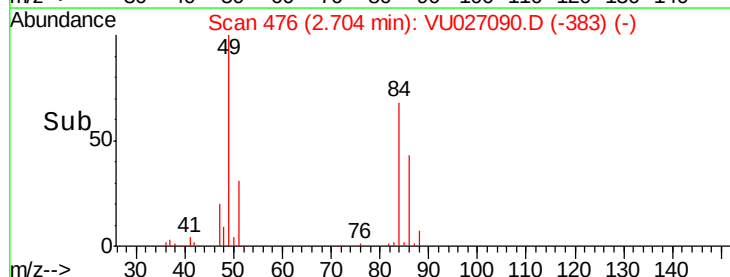
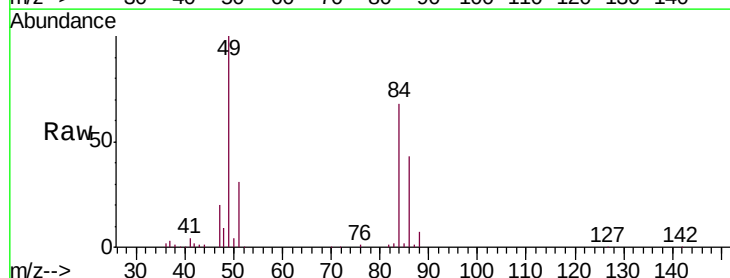
Ion Ratio Lower Upper

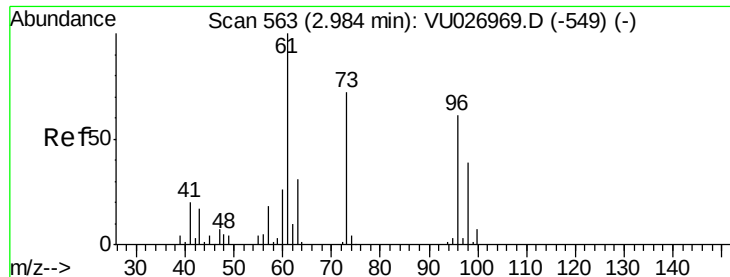
84 100

49 148.1 114.9 172.3

51 45.6 35.8 53.8

86 64.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.718 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

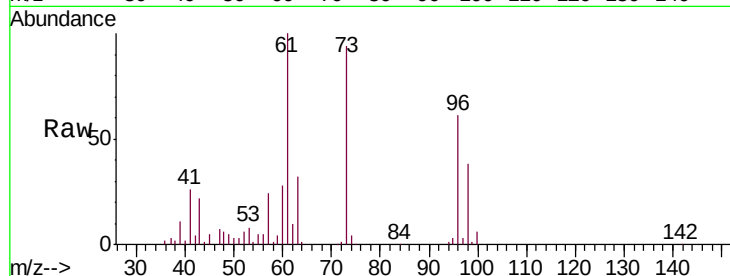
Tgt Ion: 96 Resp: 59245

Ion Ratio Lower Upper

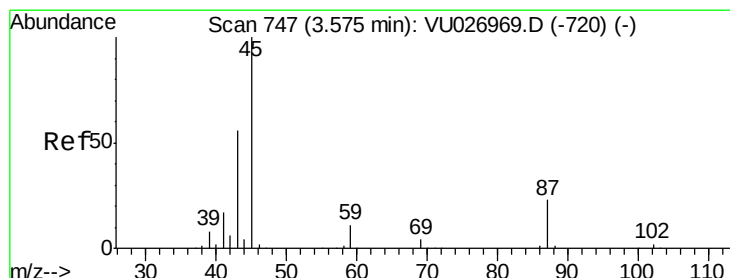
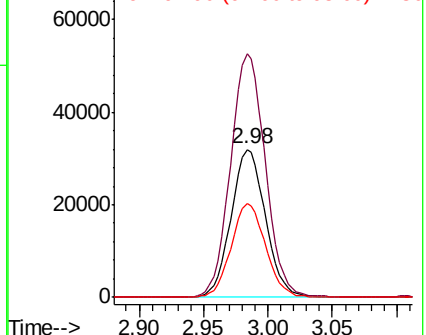
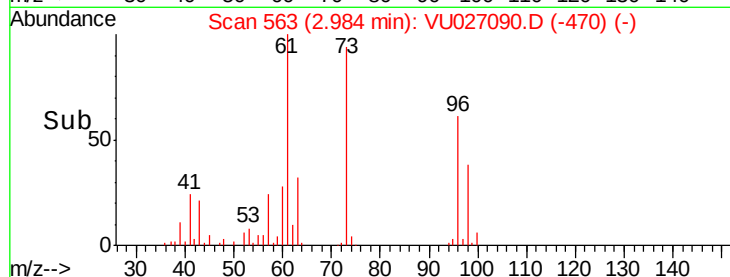
96 100

61 164.6 131.8 197.6

98 63.3 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027090.D (-470) (-)



#22

Diisopropyl ether

Concen: 61.422 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion: 45 Resp: 275252

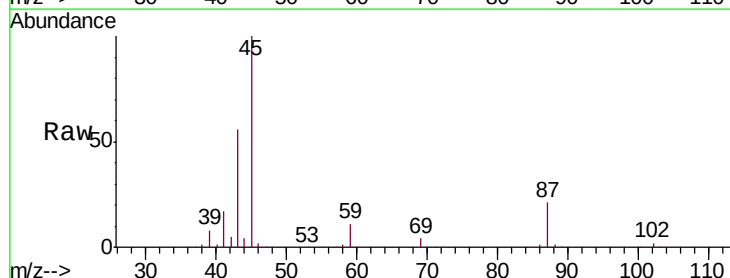
Ion Ratio Lower Upper

45 100

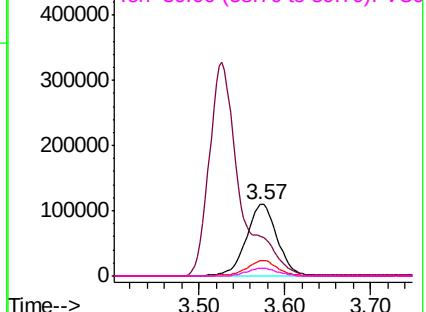
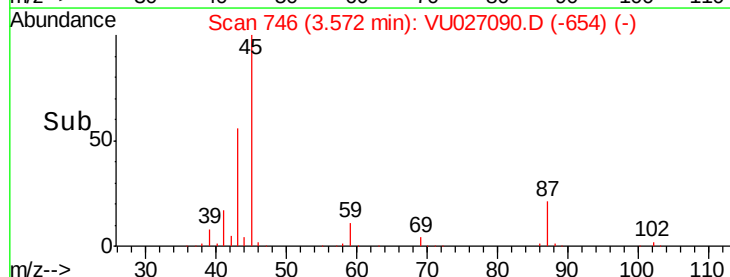
43 54.0 45.8 68.6

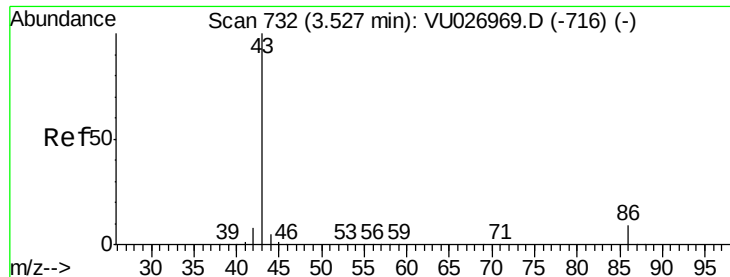
87 21.1 18.6 28.0

59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027090.D (-654) (-)





#23

Vinyl Acetate

Concen: 214.117 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

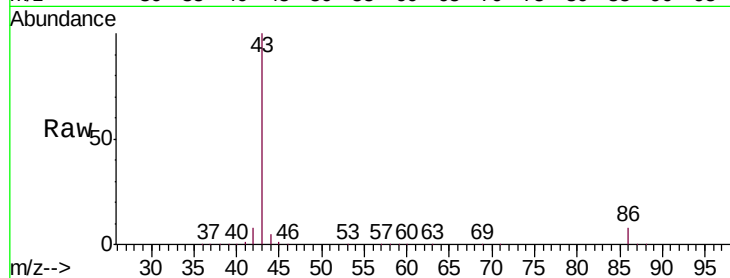
SA-SW204-20180914MSD

Tgt Ion: 43 Resp: 817925

Ion Ratio Lower Upper

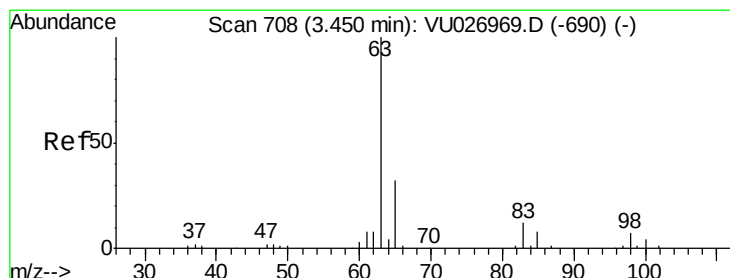
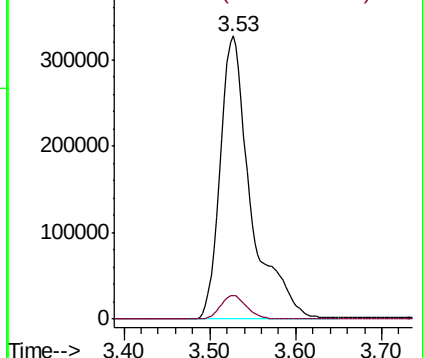
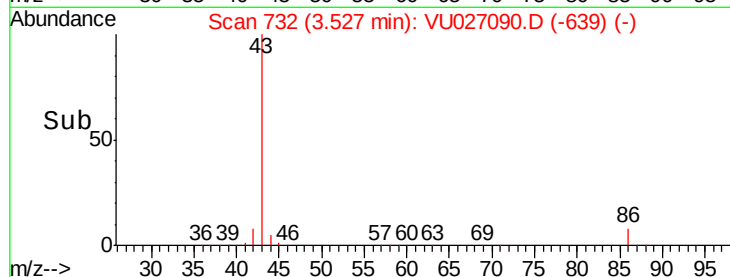
43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027090.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027090.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 56.962 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

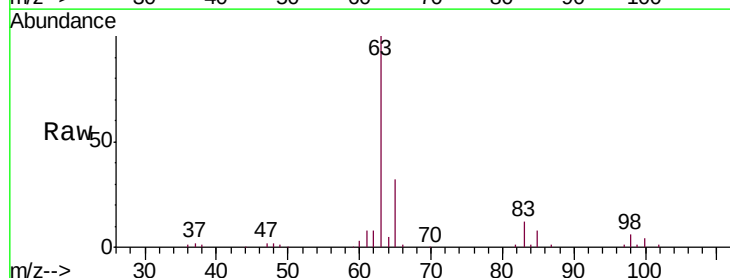
Tgt Ion: 63 Resp: 140590

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

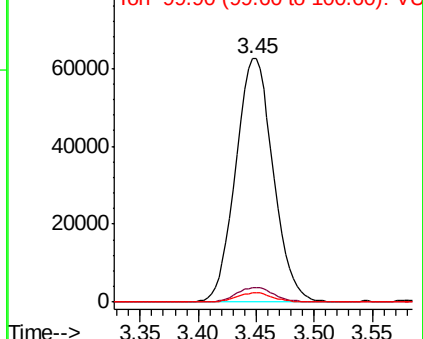
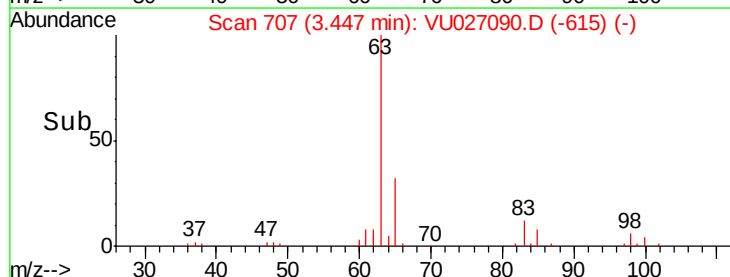
100 3.8 2.0 5.8

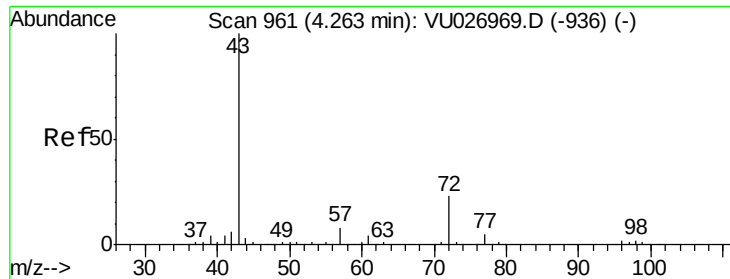


Abundance Ion 62.90 (62.60 to 63.60): VU027090.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027090.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027090.D (-615) (-)





#25

2-Butanone

Concen: 288.688 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

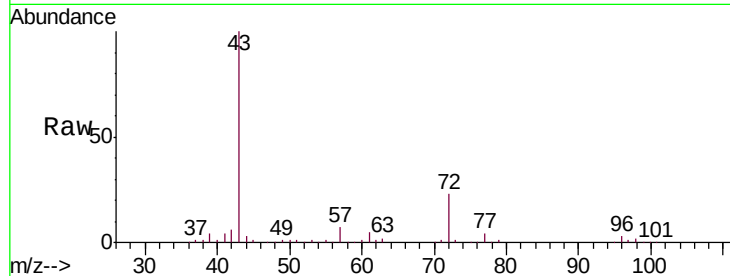
SA-SW204-20180914MSD

Tgt Ion: 43 Resp: 365204

Ion Ratio Lower Upper

43 100

72 22.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.26

150000

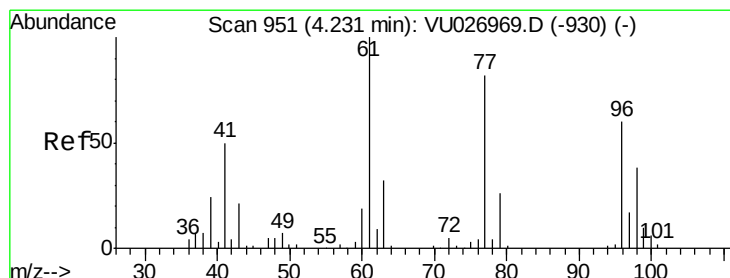
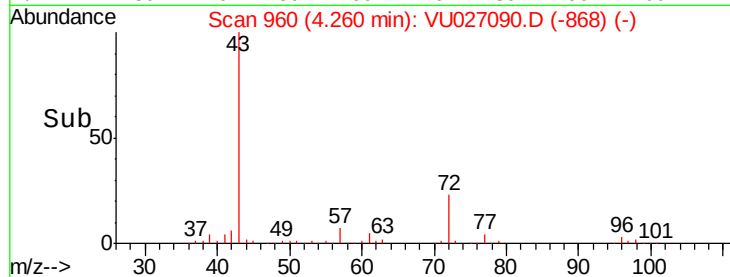
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 29.830 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027090.D

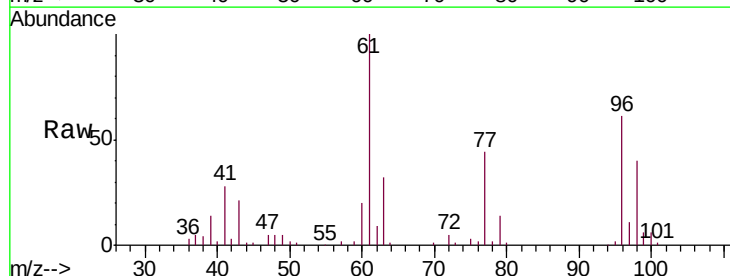
Acq: 23 Sep 2018 22:15

Tgt Ion: 77 Resp: 57419

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)

Ion 96.90 (96.60 to 97.60): VU026969.D (-930) (-)

4.23

20000

15000

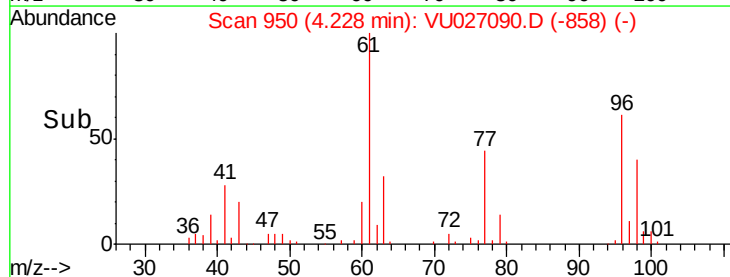
10000

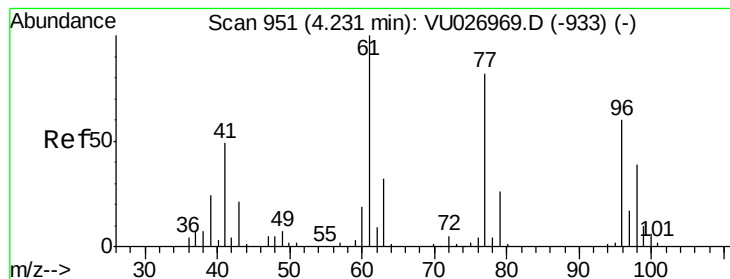
5000

0

4.10 4.20 4.30

Time-->



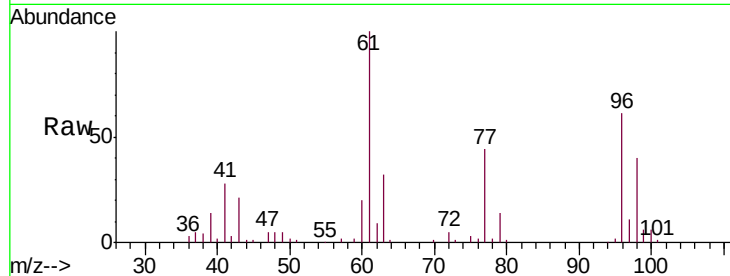


#27

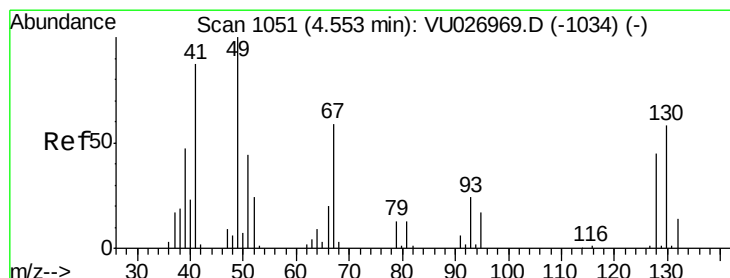
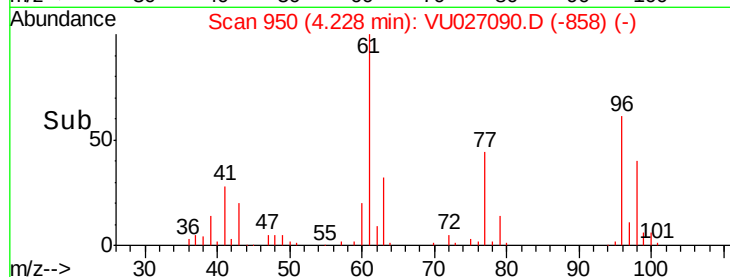
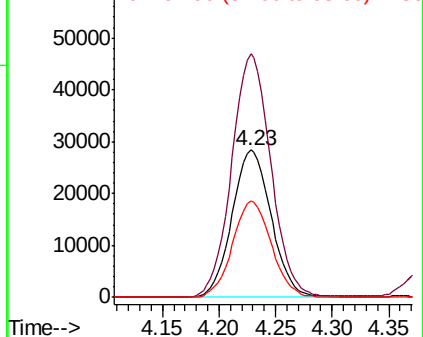
cis-1,2-Dichloroethene
 Concen: 55.068 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tgt Ion: 96 Resp: 68588
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 337.2
 98 64.9 0.0 127.6



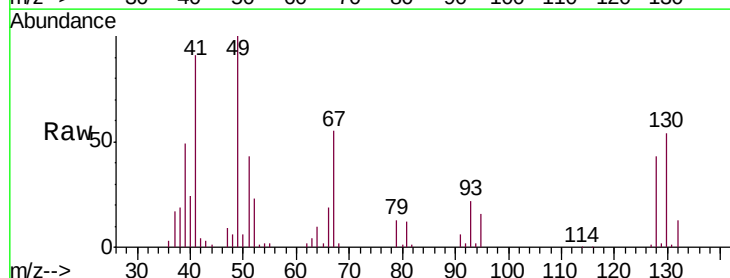
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



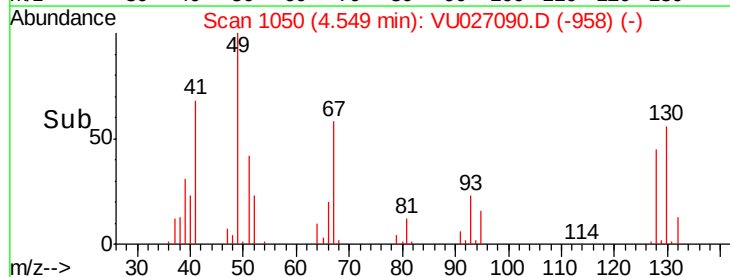
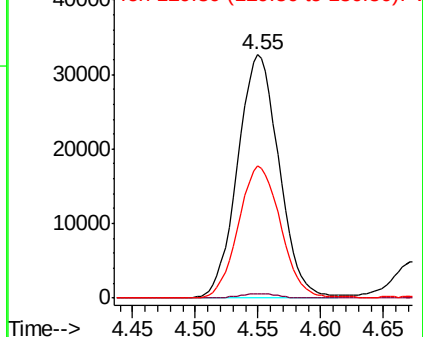
#28

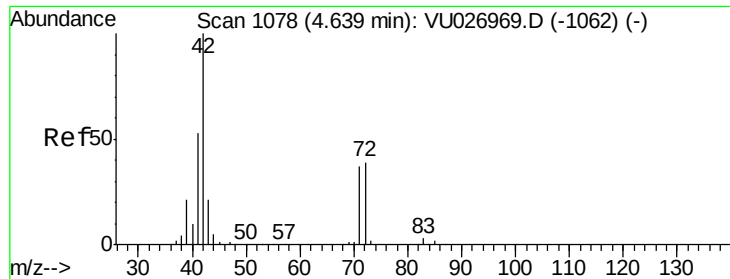
Bromochloromethane
 Concen: 63.085 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 49 Resp: 75056
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.0
 130 55.3 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 314.215 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

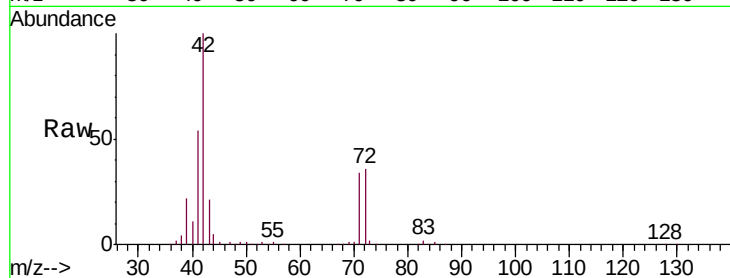
Tgt Ion: 42 Resp: 240459

Ion Ratio Lower Upper

42 100

72 37.4 31.7 47.5

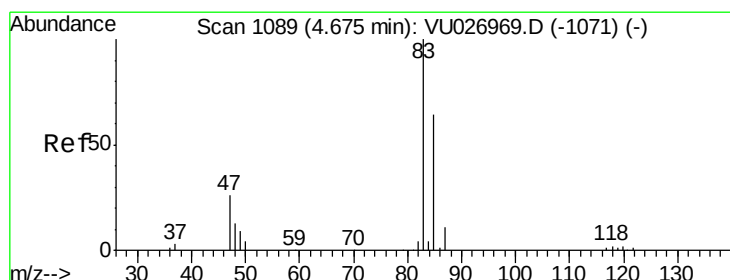
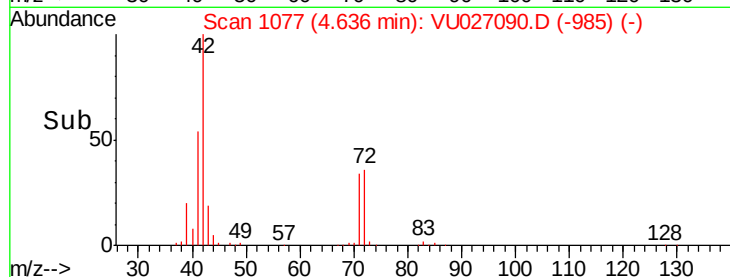
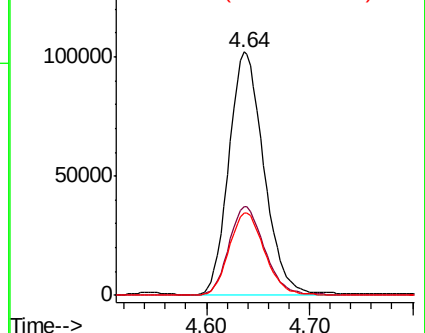
71 34.5 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)



#30

Chloroform

Concen: 54.517 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027090.D

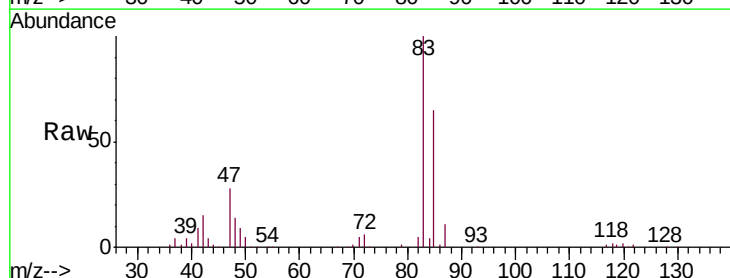
Acq: 23 Sep 2018 22:15

Tgt Ion: 83 Resp: 124900

Ion Ratio Lower Upper

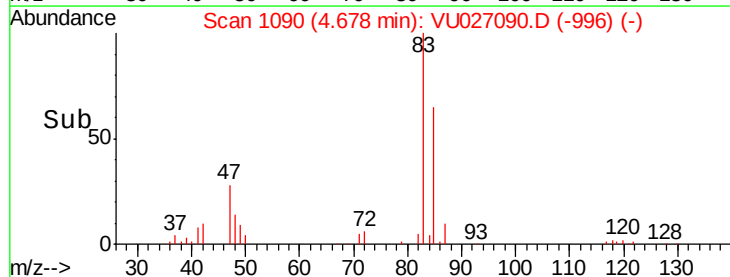
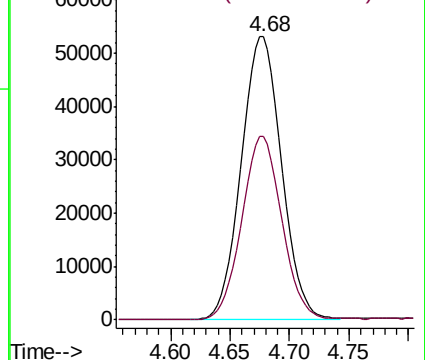
83 100

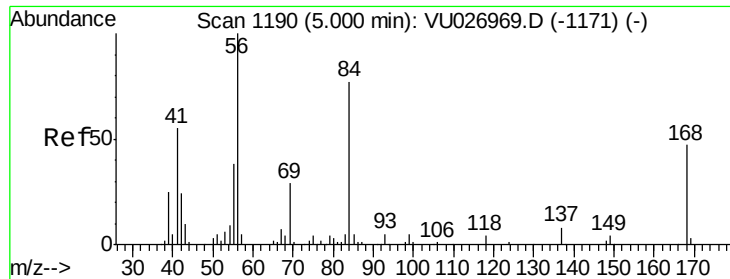
85 64.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

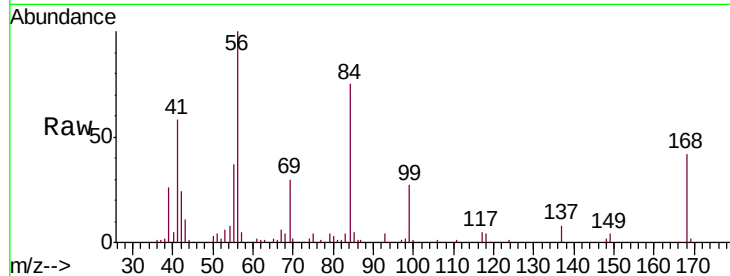




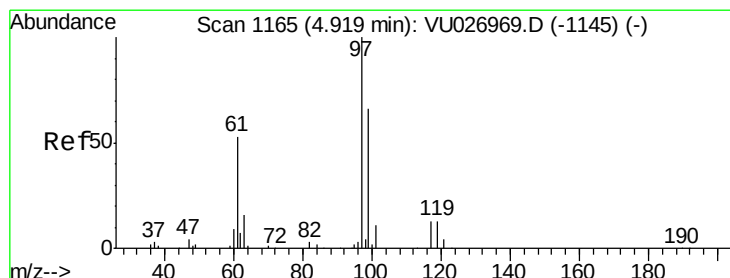
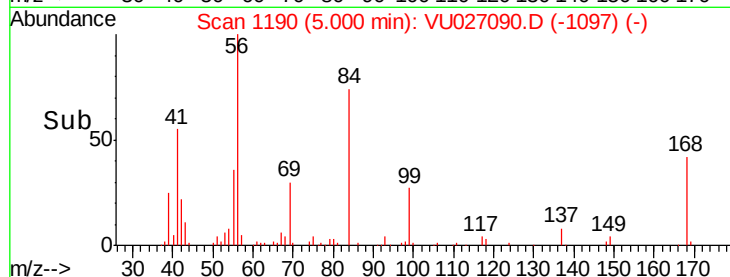
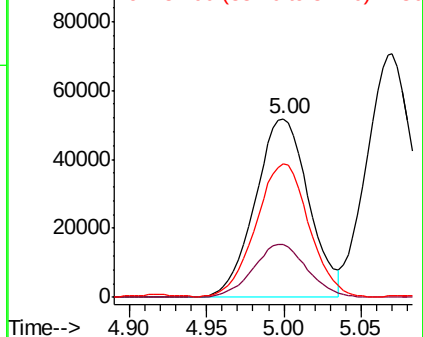
#31
Cyclohexane
Concen: 55.618 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.0	34.4
84	74.2	61.4	92.2

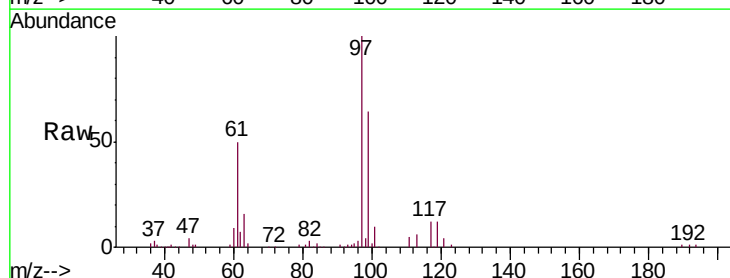


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

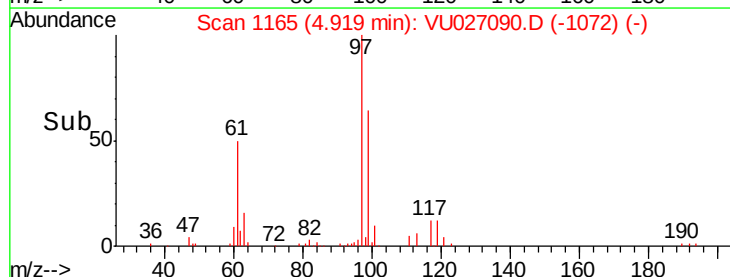
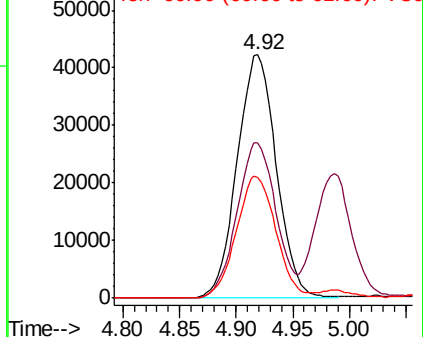


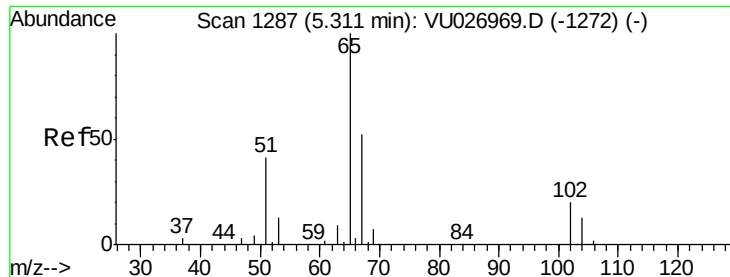
#32
1,1,1-Trichloroethane
Concen: 55.881 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	50.4	41.1	61.7



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

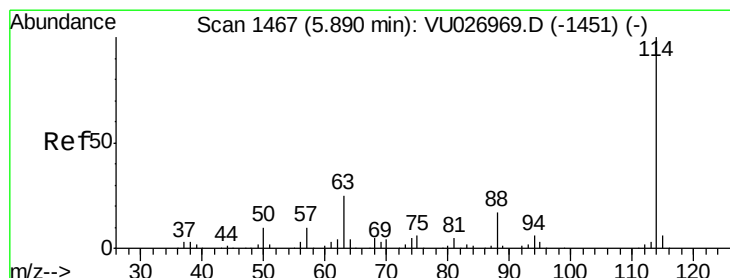
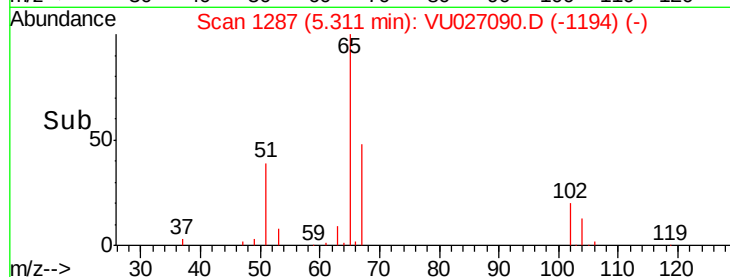
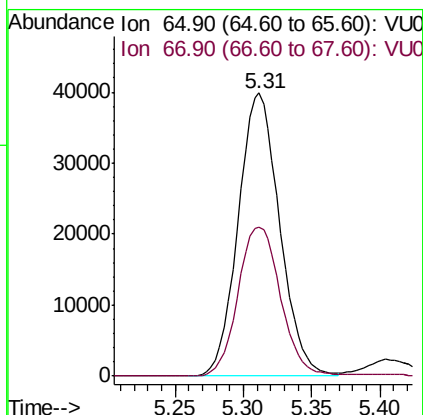
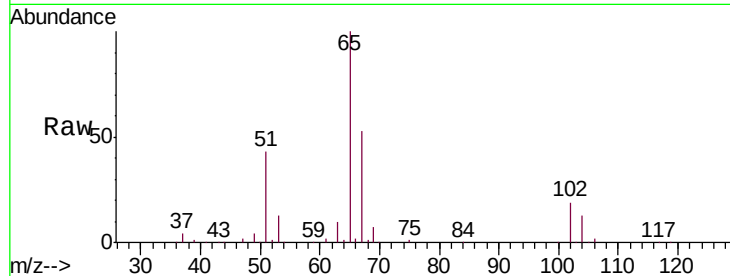




#33
 1,2-Dichloroethane-d4
 Concen: 55.832 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

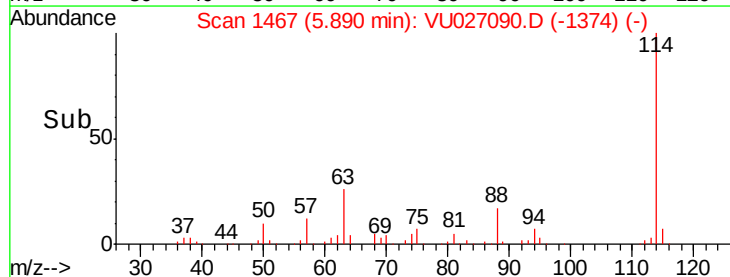
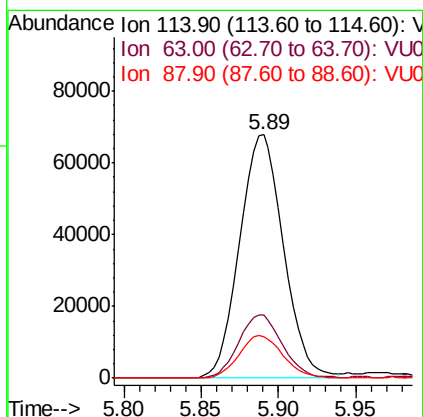
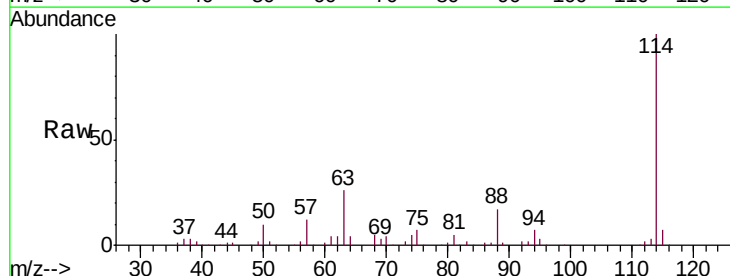
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

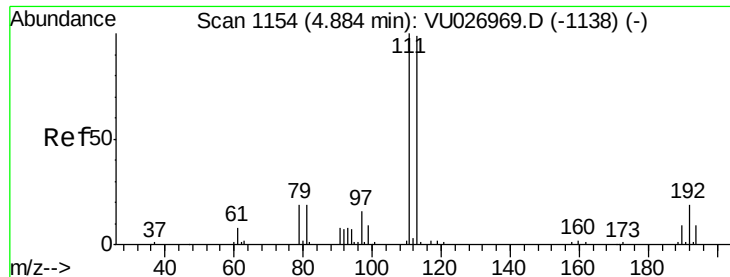
Tgt Ion: 65 Resp: 84044
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 114 Resp: 133940
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.483 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

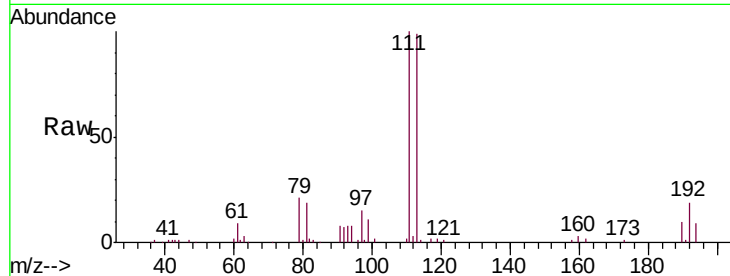
Tgt Ion:113 Resp: 58610

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

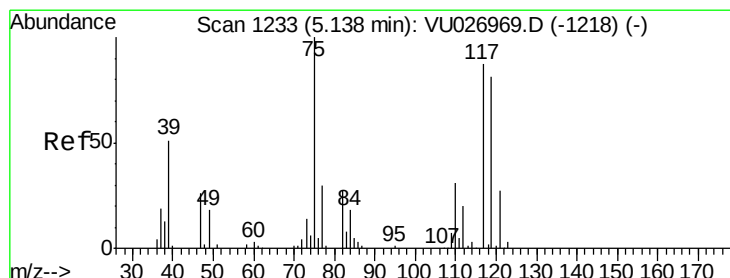
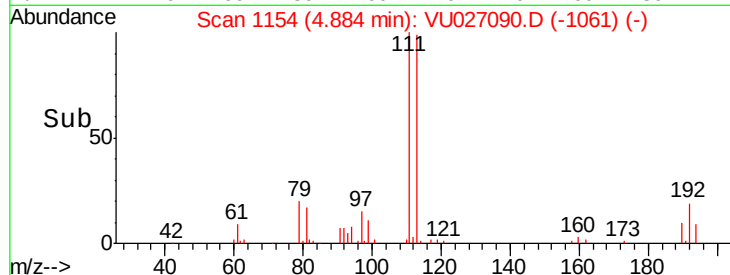
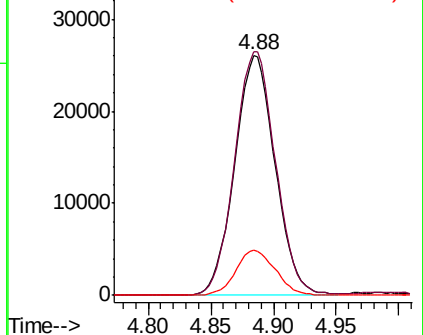
192 18.4 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.316 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

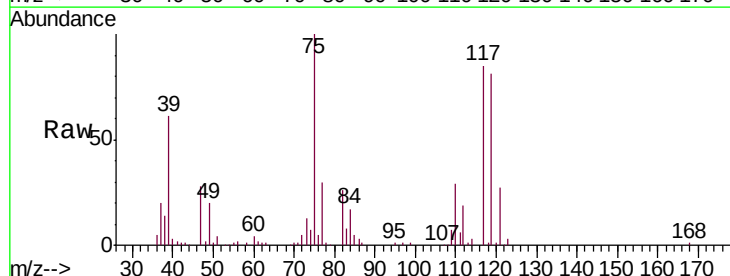
Tgt Ion: 75 Resp: 91731

Ion Ratio Lower Upper

75 100

110 30.4 16.1 48.2

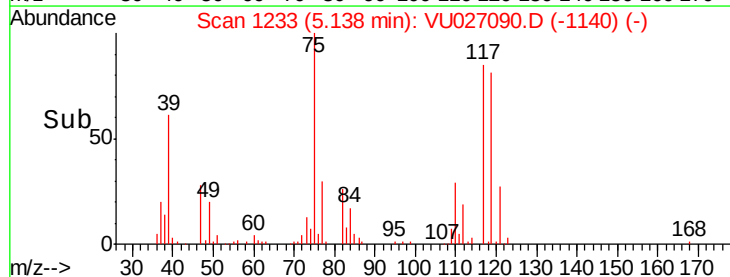
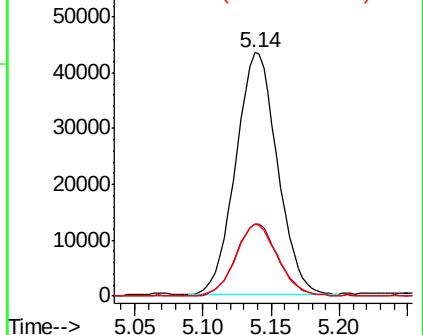
77 30.1 24.6 36.8

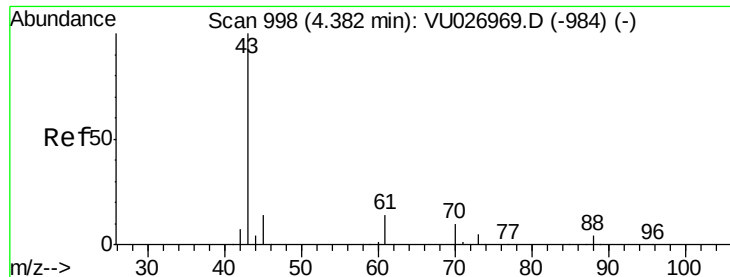


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

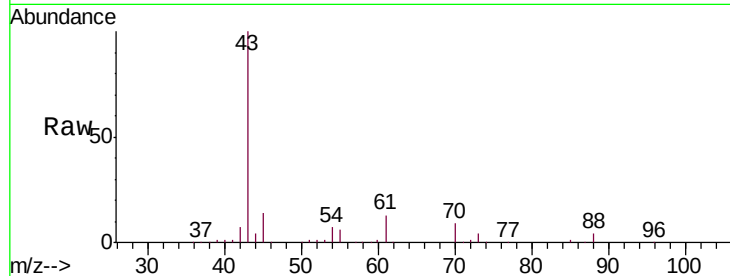




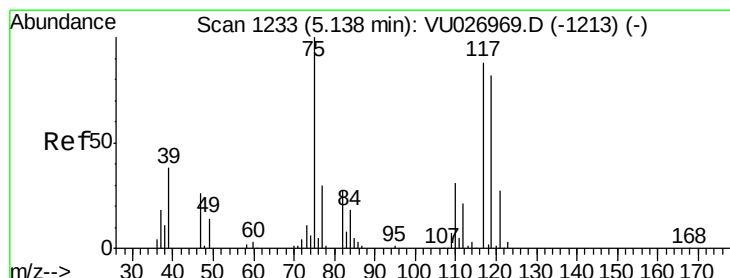
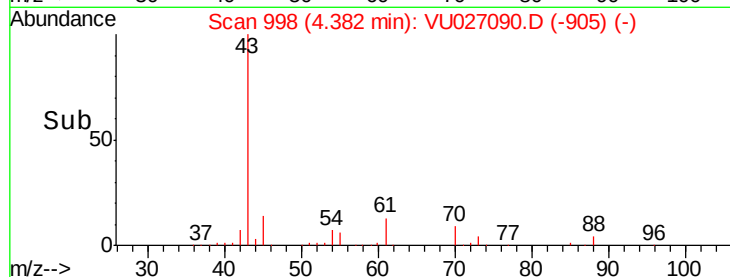
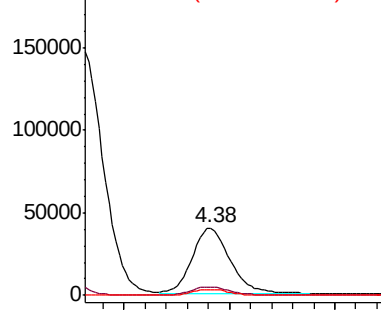
#37
Ethyl Acetate
Concen: 41.217 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tgt Ion: 43 Resp: 99741
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 8.6 7.4 11.0

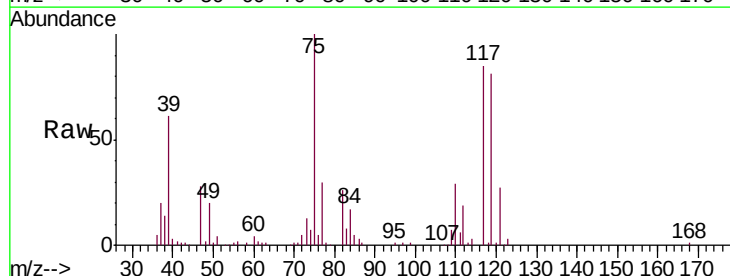


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

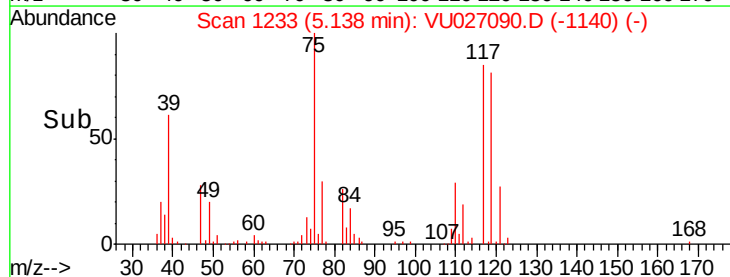
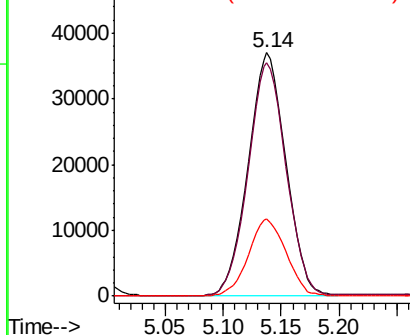


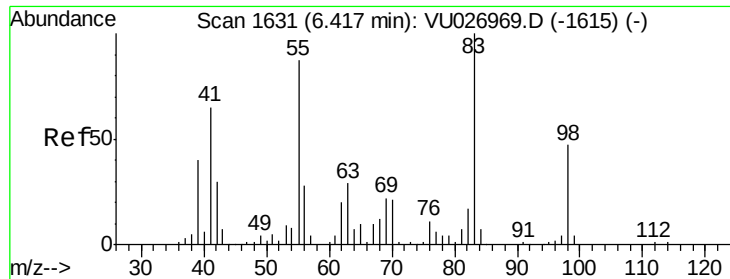
#38
Carbon Tetrachloride
Concen: 49.409 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 117 Resp: 84051
Ion Ratio Lower Upper
117 100
119 95.9 74.4 111.6
121 31.6 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

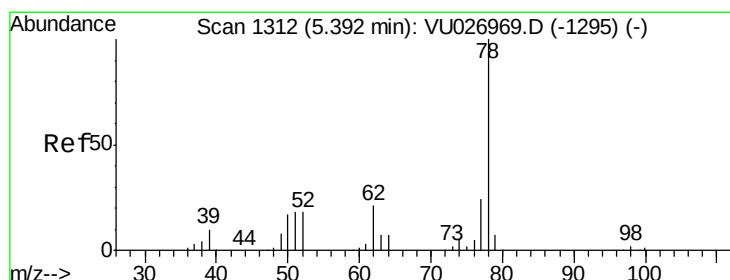
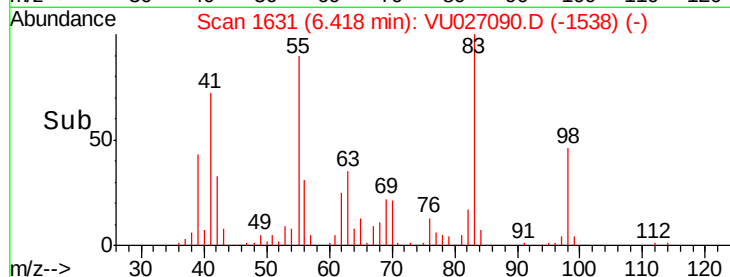
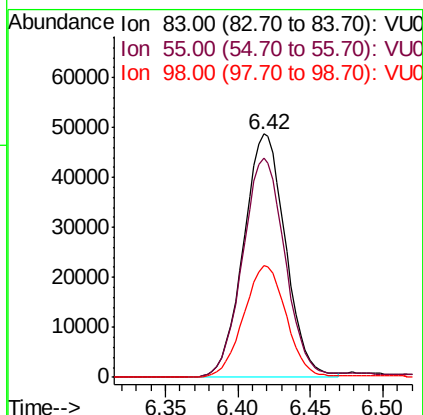
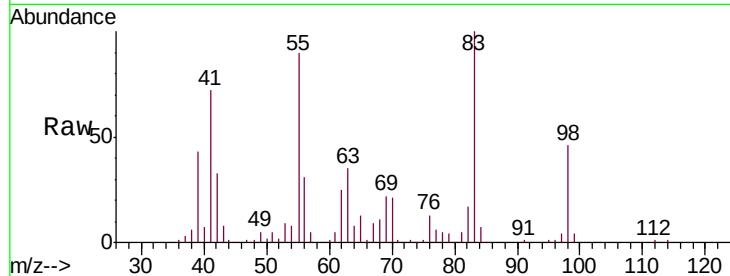




#39
Methylcyclohexane
Concen: 50.596 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

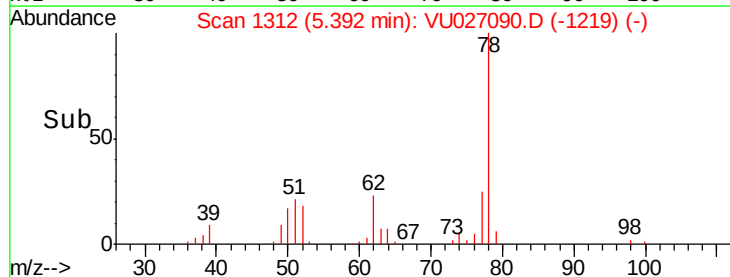
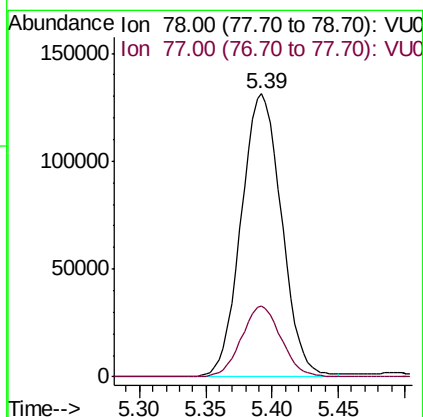
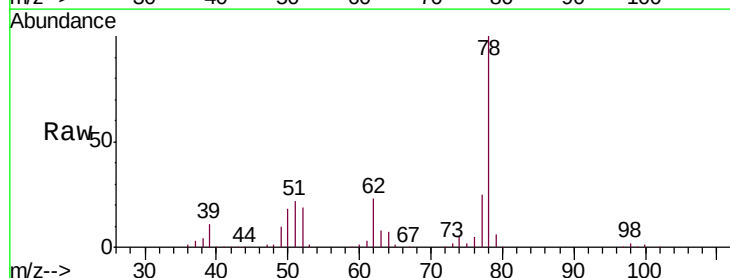
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

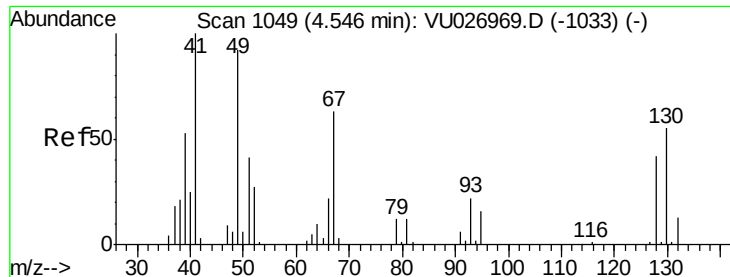
Tgt Ion: 83 Resp: 98288
Ion Ratio Lower Upper
83 100
55 89.8 69.9 104.9
98 45.8 37.5 56.3



#40
Benzene
Concen: 51.341 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 78 Resp: 278999
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0

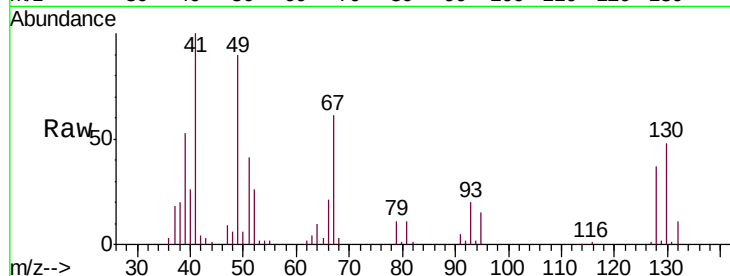




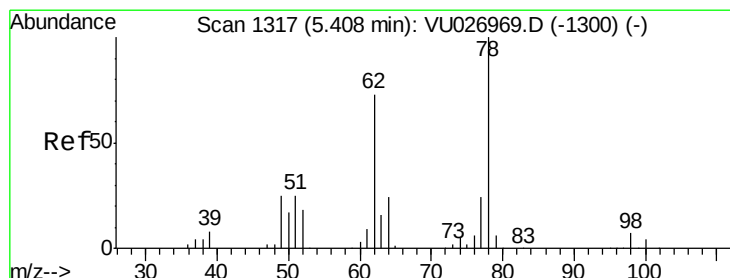
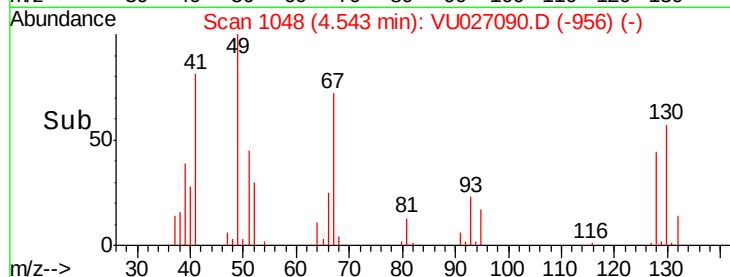
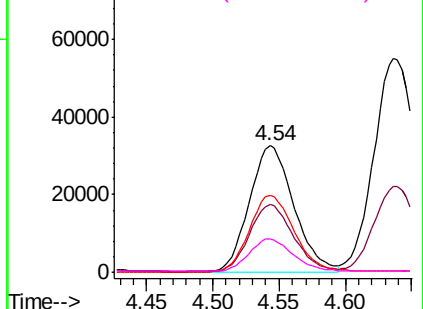
#41
Methacrylonitrile
Concen: 60.263 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tgt Ion:	41	Resp:	75737
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.9	64.3
67	62.4	52.4	78.6
52	25.8	21.3	31.9

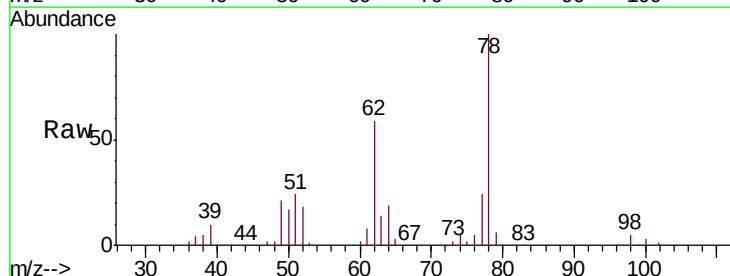


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

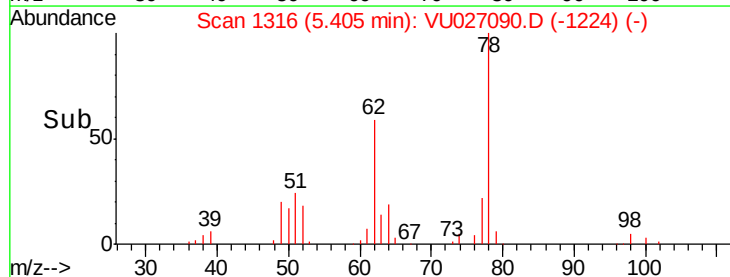
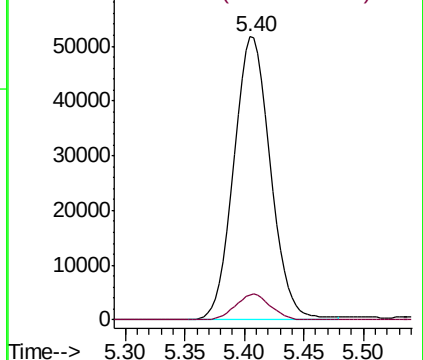


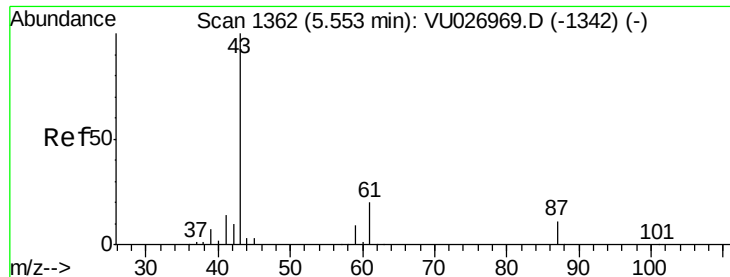
#42
1,2-Dichloroethane
Concen: 53.861 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:	62	Resp:	110583
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 49.887 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

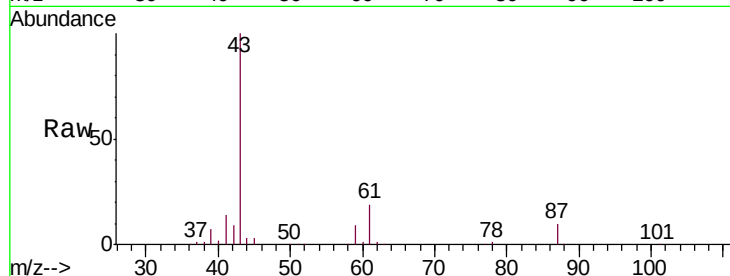
Tgt Ion: 43 Resp: 176057

Ion Ratio Lower Upper

43 100

61 18.5 15.7 23.5

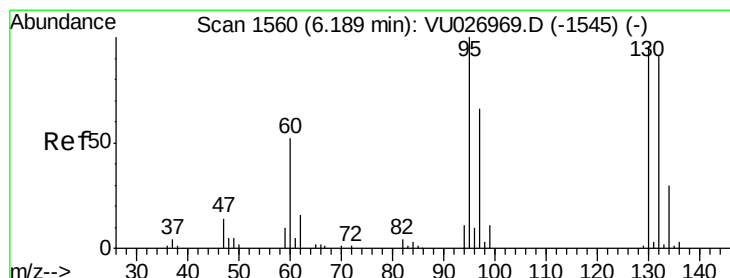
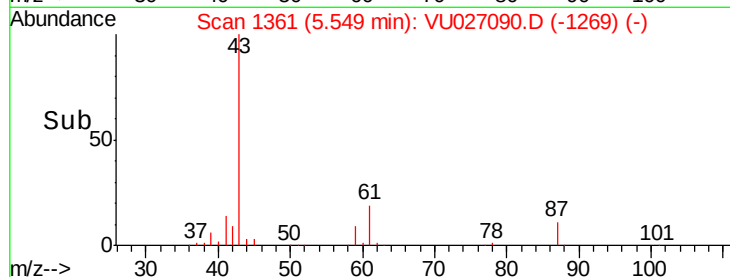
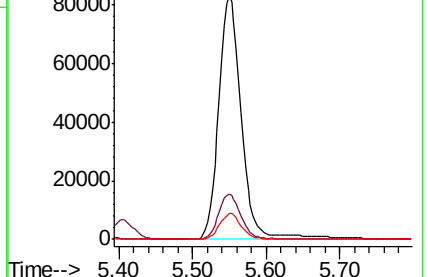
87 10.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 50.517 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027090.D

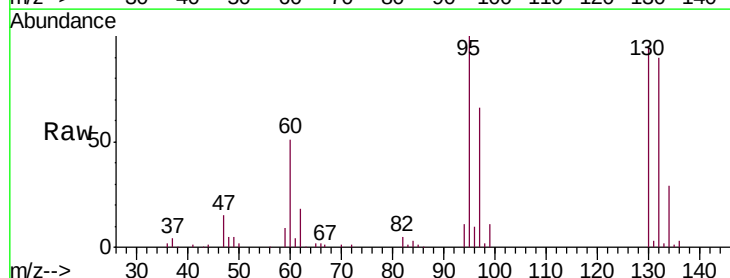
Acq: 23 Sep 2018 22:15

Tgt Ion: 130 Resp: 58443

Ion Ratio Lower Upper

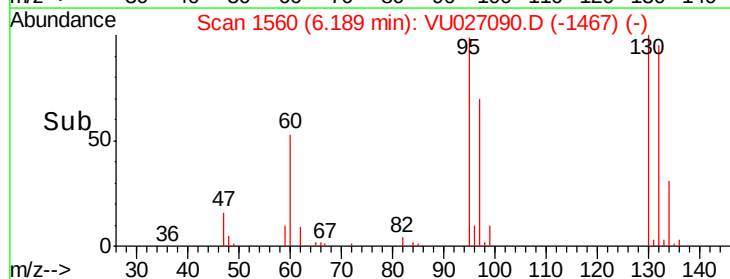
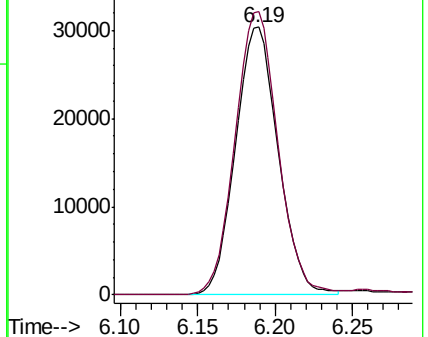
130 100

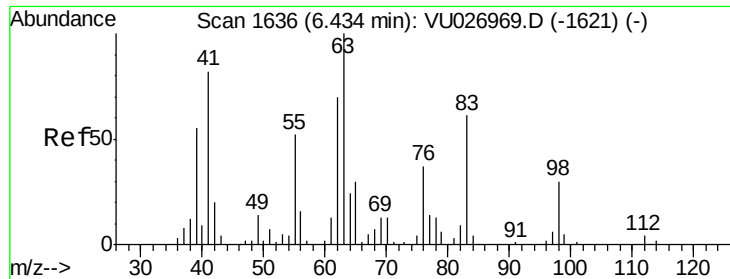
95 105.7 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)





#45

1,2-Dichloropropane

Concen: 53.897 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

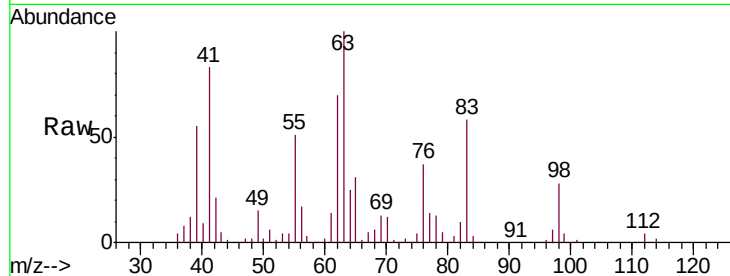
SA-SW204-20180914MSD

Tgt Ion: 63 Resp: 83454

Ion Ratio Lower Upper

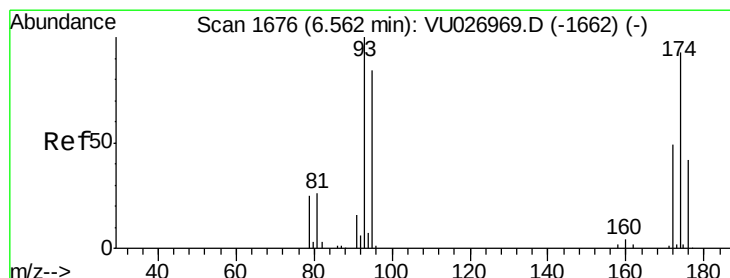
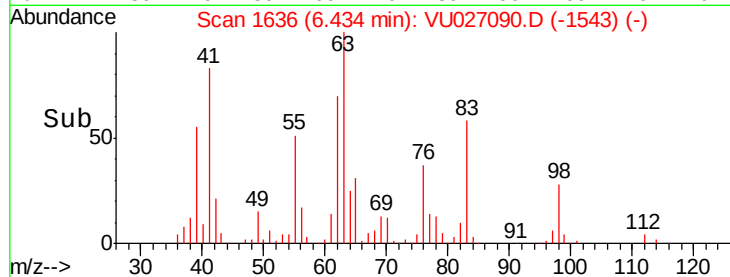
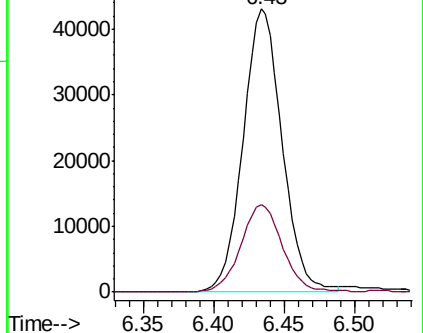
63 100

65 30.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU027090.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU027090.D (-1621) (-)



#46

Dibromomethane

Concen: 51.316 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

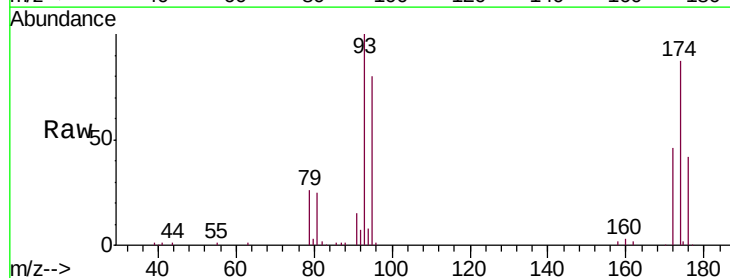
Tgt Ion: 93 Resp: 47988

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

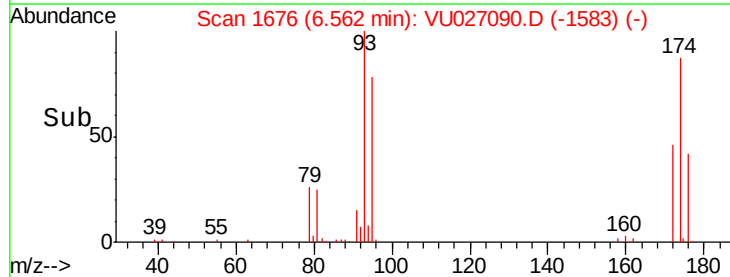
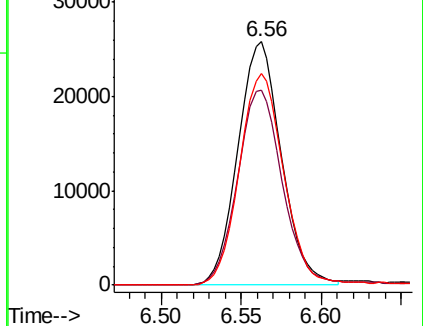
174 88.6 71.7 107.5

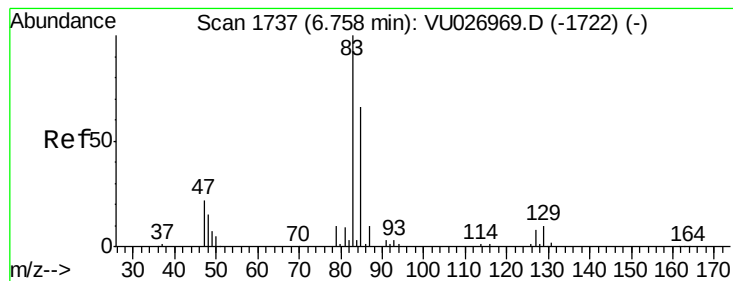


Abundance Ion 92.80 (92.50 to 93.50): VU027090.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU027090.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU027090.D (-1662) (-)





#47

Bromodichloromethane

Concen: 52.900 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

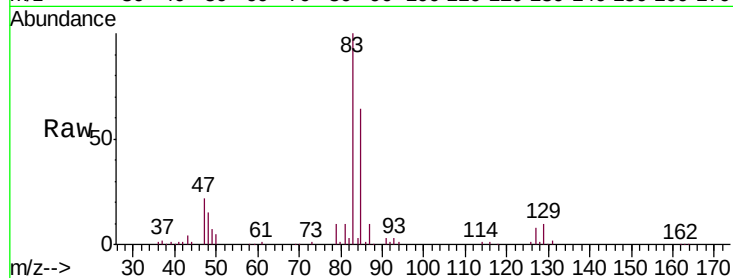
Tgt Ion: 83 Resp: 100030

Ion Ratio Lower Upper

83 100

85 63.5 52.5 78.7

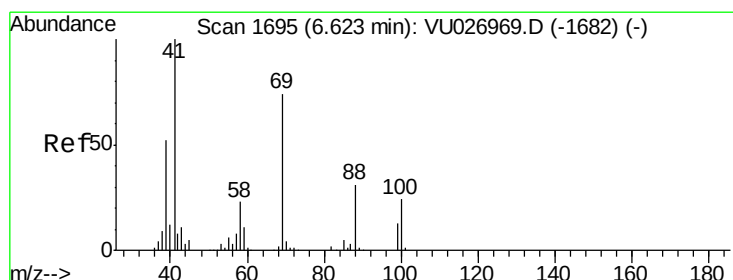
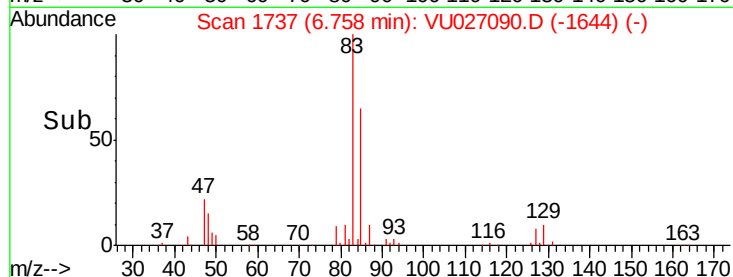
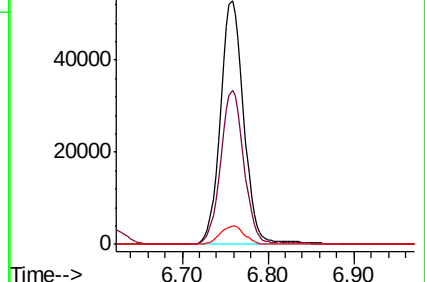
127 7.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU026969.D (-1722) (-)



#48

Methyl methacrylate

Concen: 54.094 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

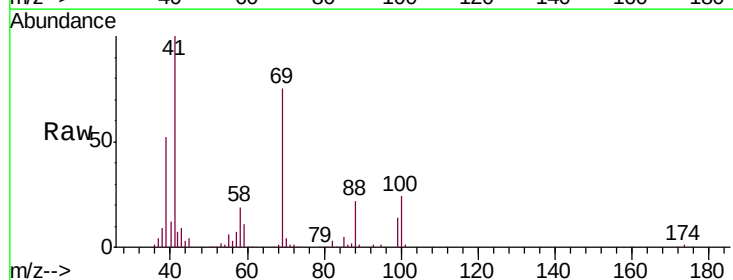
Tgt Ion: 41 Resp: 104068

Ion Ratio Lower Upper

41 100

69 76.5 60.6 90.8

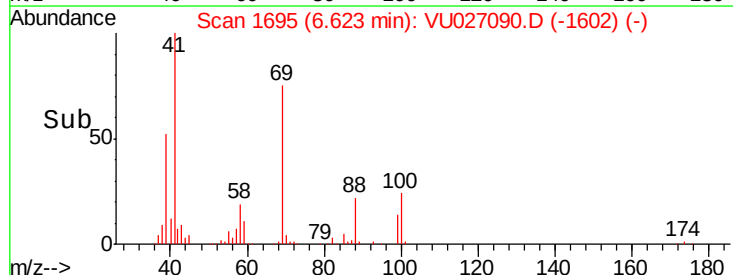
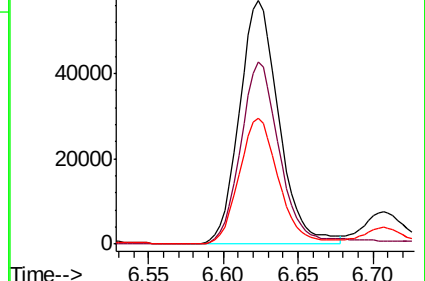
39 51.6 42.8 64.2

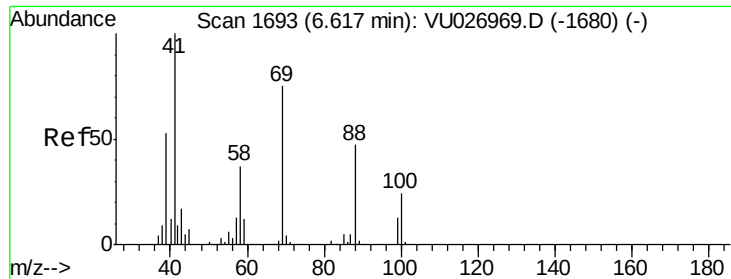


Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-1682) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1682) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-1682) (-)

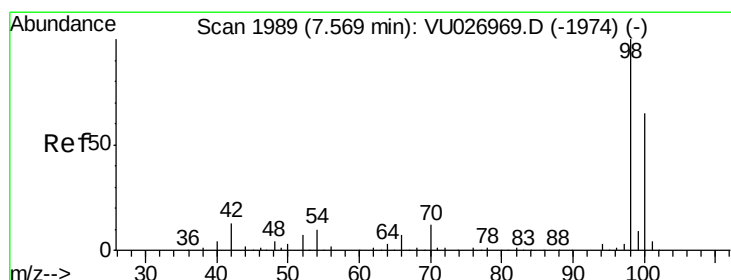
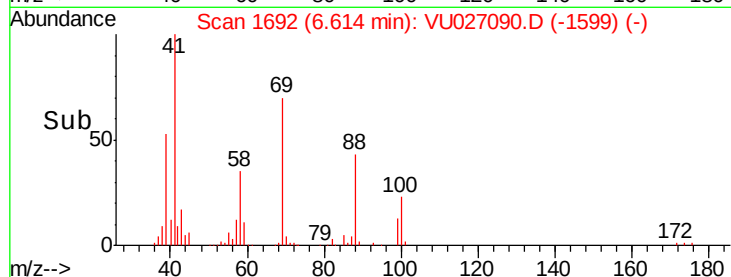
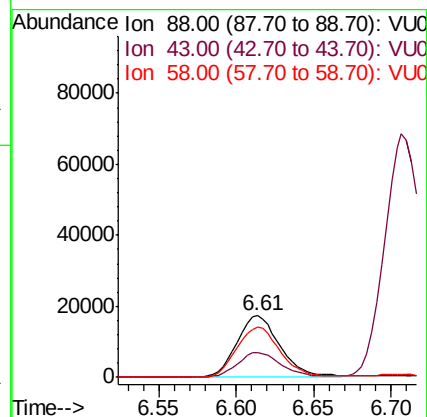
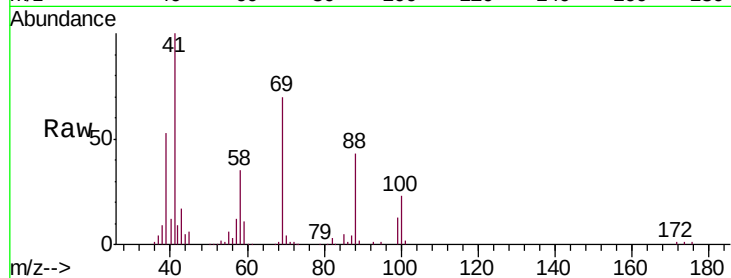




#49
1,4-Dioxane
Concen: 886.264 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

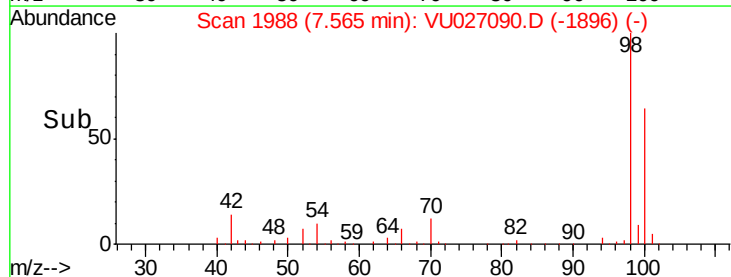
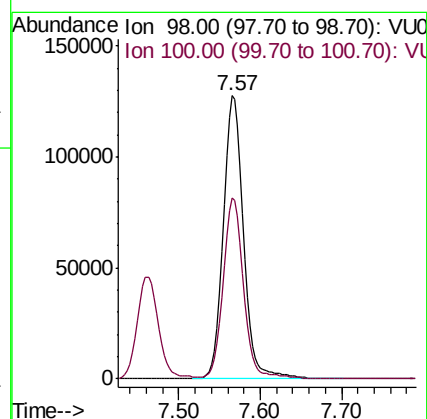
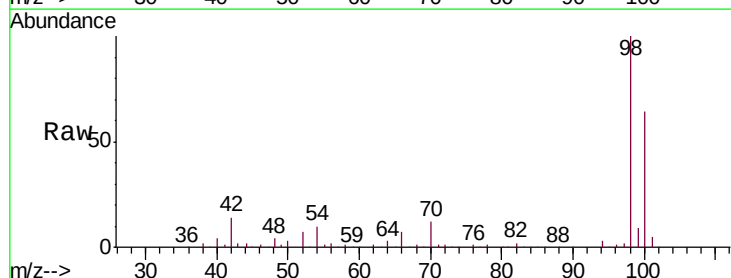
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

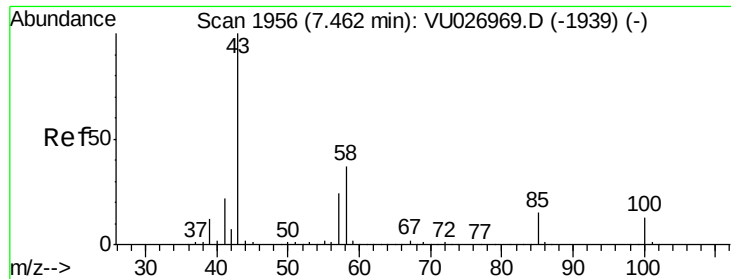
Tgt Ion: 88 Resp: 33816
Ion Ratio Lower Upper
88 100
43 40.8 29.8 44.8
58 83.0 63.9 95.9



#50
Toluene-d8
Concen: 50.831 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 98 Resp: 224908
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 298.899 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

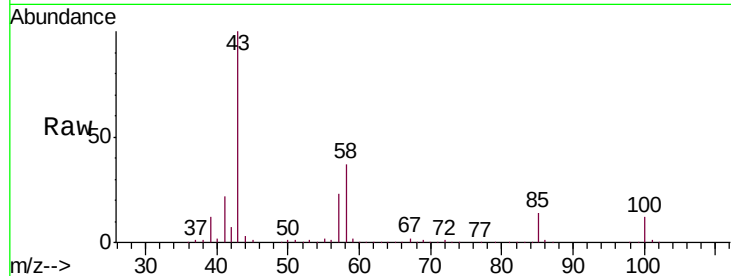
SA-SW204-20180914MSD

Tgt Ion: 43 Resp: 709456

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

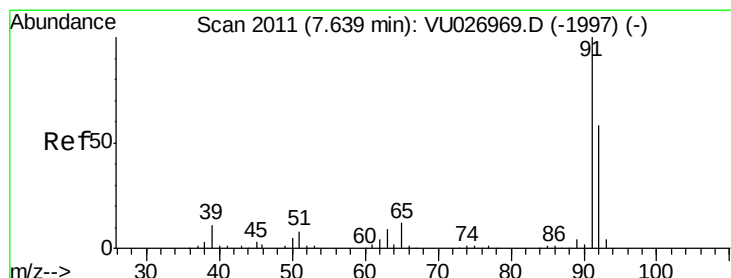
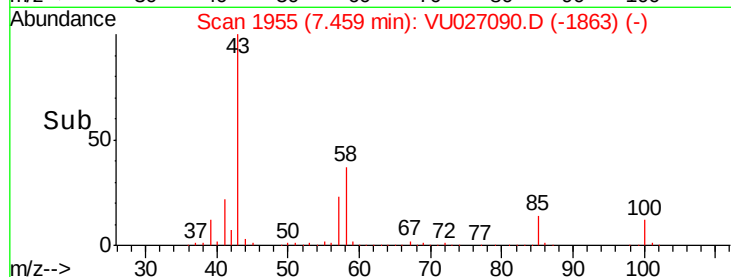
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.827 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027090.D

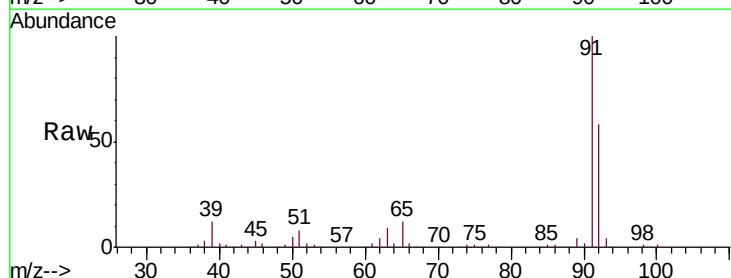
Acq: 23 Sep 2018 22:15

Tgt Ion: 92 Resp: 167665

Ion Ratio Lower Upper

92 100

91 172.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

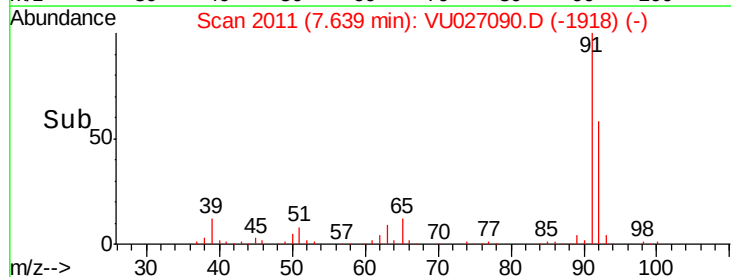
150000

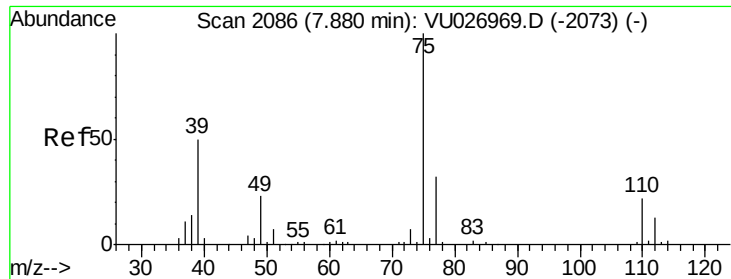
100000

50000

0

Time-->

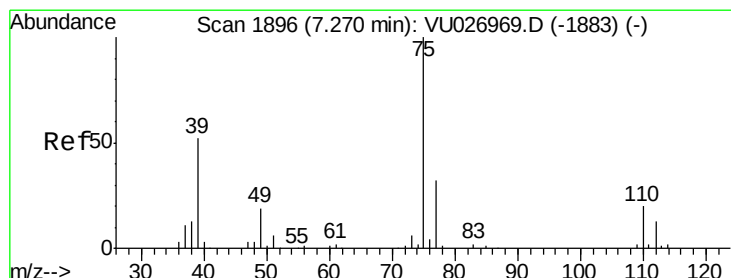
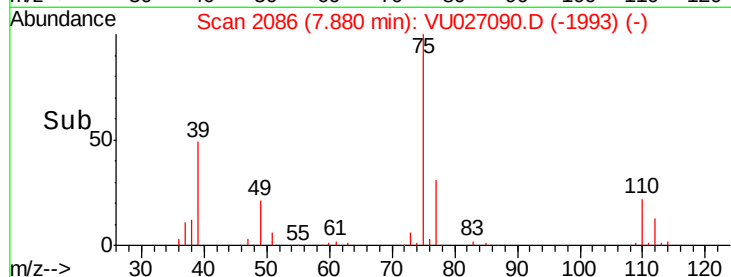
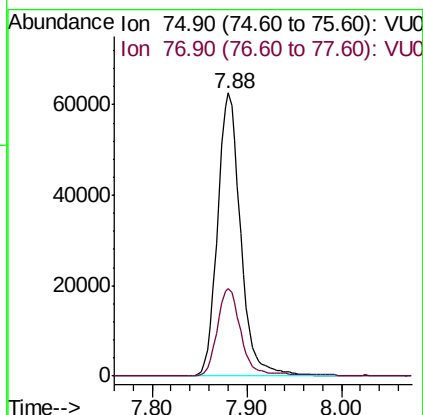
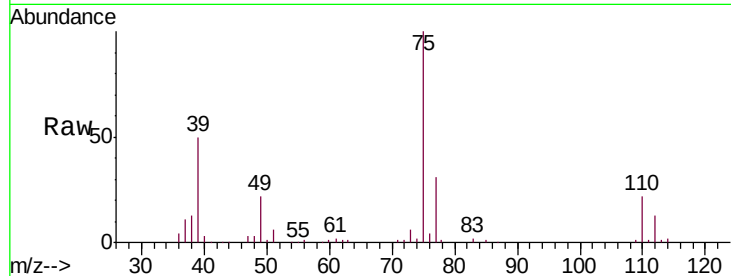




#53
 t-1,3-Dichloropropene
 Concen: 52.187 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

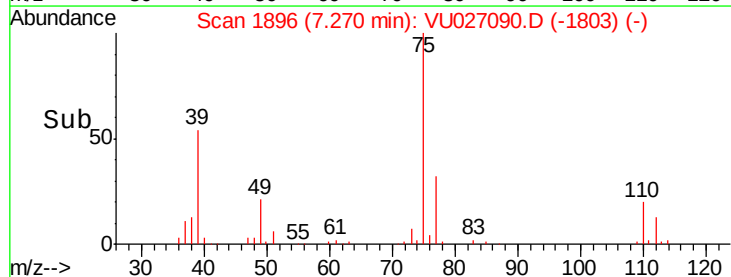
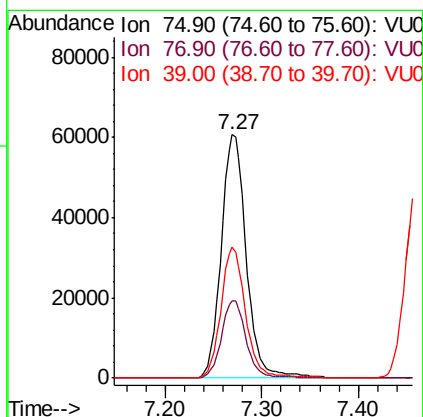
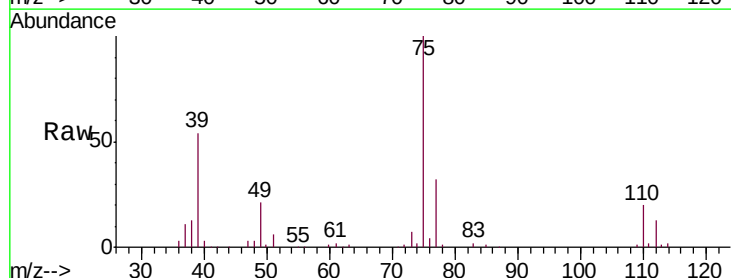
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

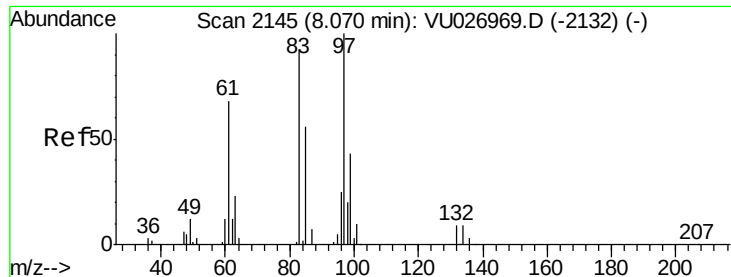
Tgt Ion: 75 Resp: 106025
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.871 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 75 Resp: 109170
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 53.8 41.6 62.4

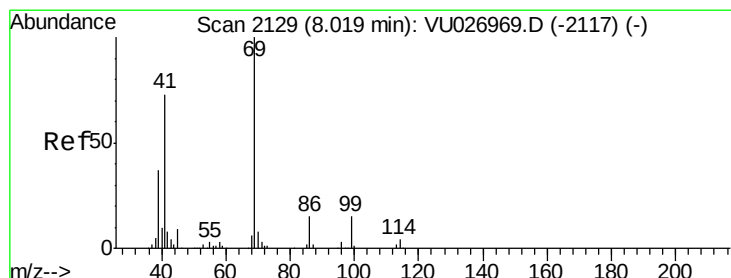
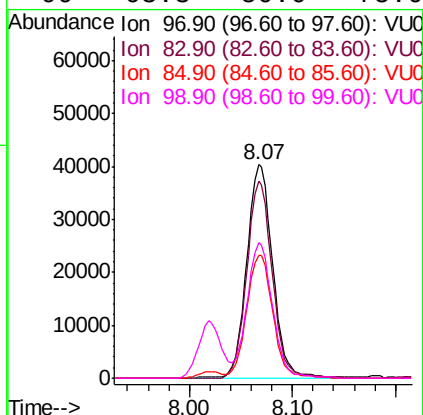
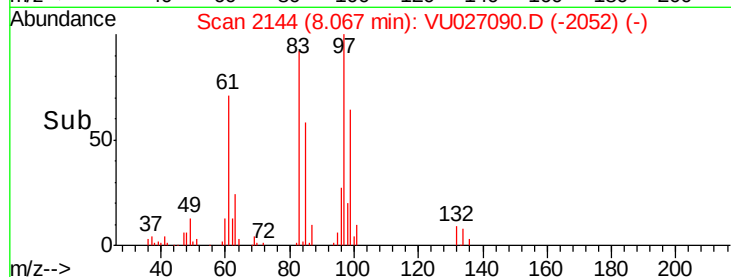
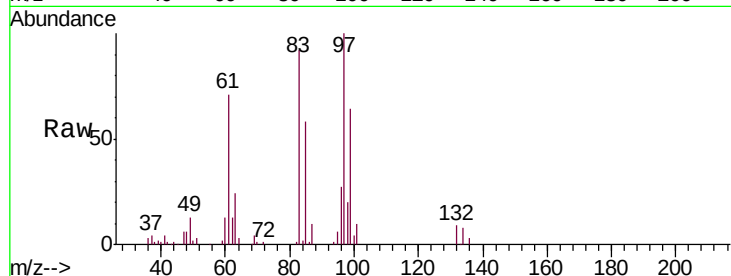




#55
 1,1,2-Trichloroethane
 Concen: 53.259 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

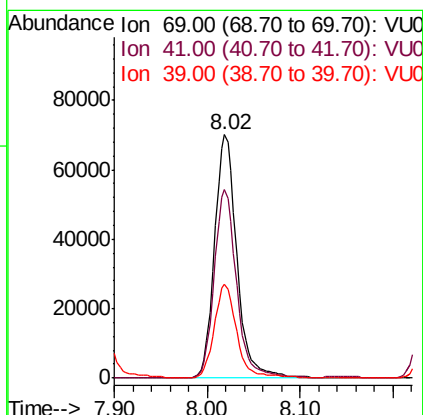
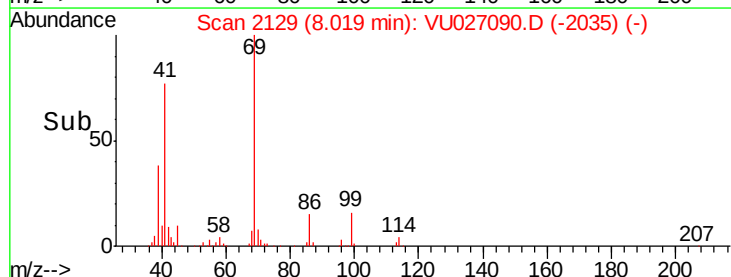
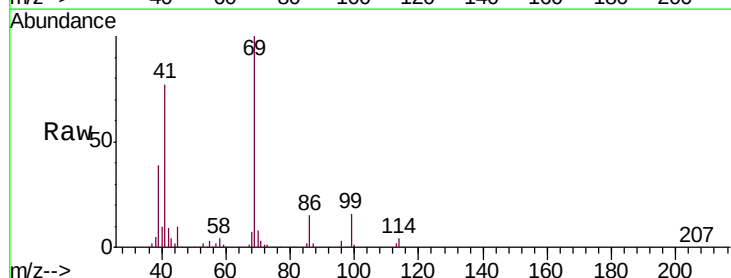
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

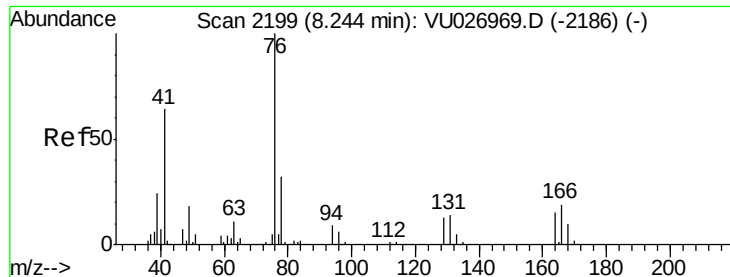
Tgt Ion:	97	Resp:	70294
Ion	Ratio	Lower	Upper
97	100		
83	92.1	73.1	109.7
85	57.8	46.7	70.1
99	63.3	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 51.231 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion:	69	Resp:	117453
Ion	Ratio	Lower	Upper
69	100		
41	77.8	59.0	88.4
39	38.0	30.2	45.4

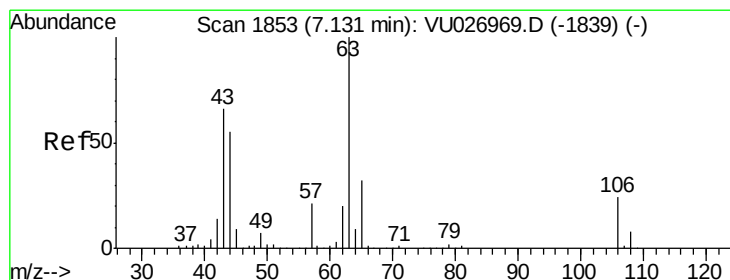
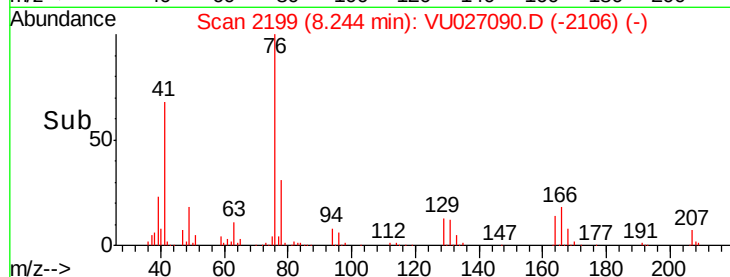
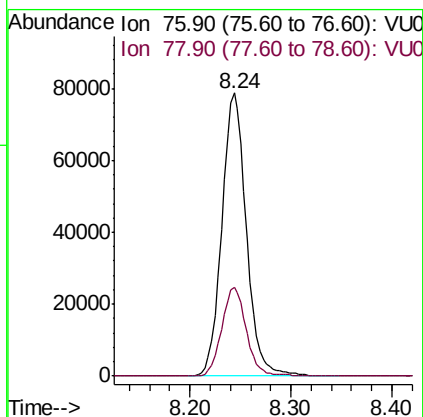
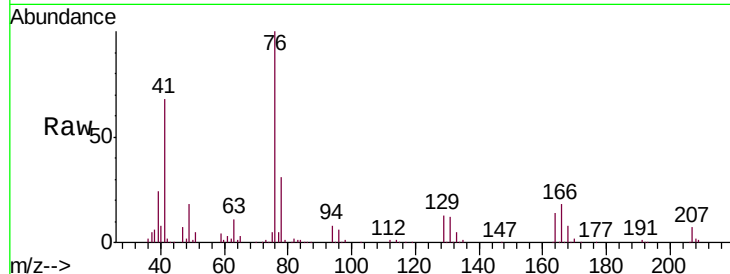




#57
 1,3-Dichloropropane
 Concen: 54.505 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

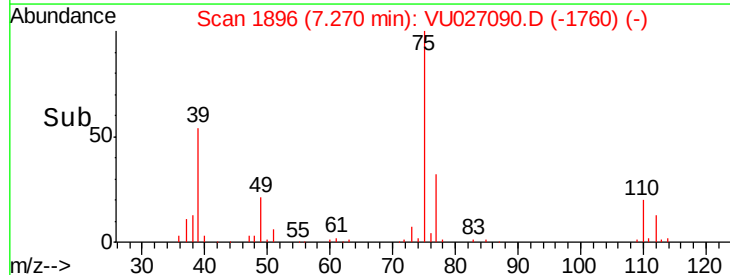
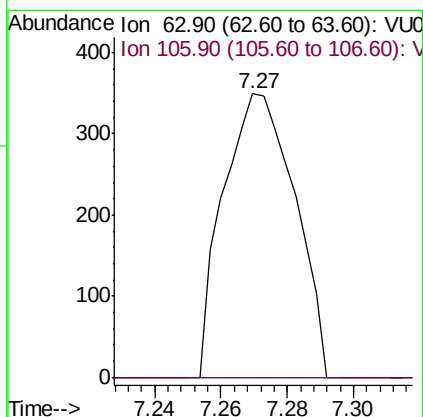
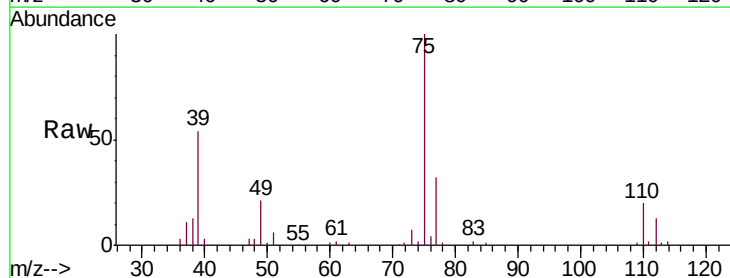
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

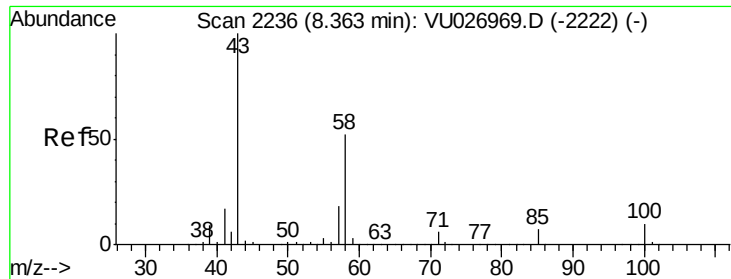
Tgt Ion: 76 Resp: 133800
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.256 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.14 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 63 Resp: 523
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

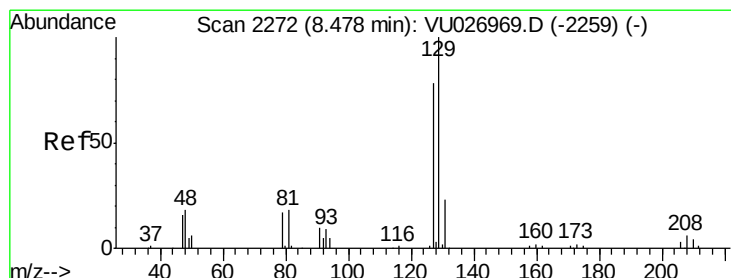
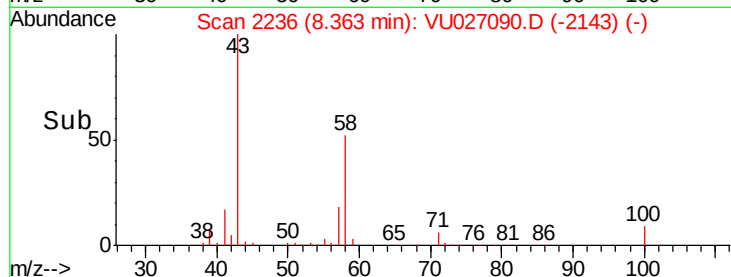
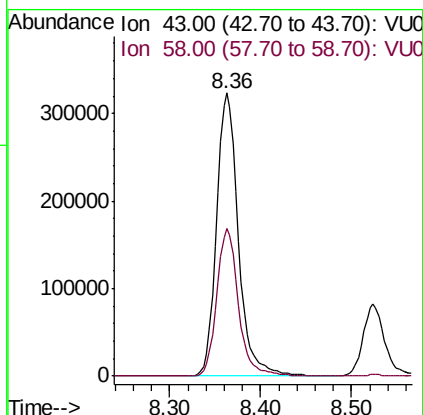
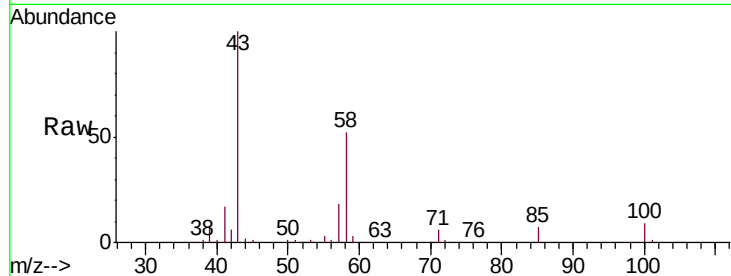




#59
2-Hexanone
Concen: 290.182 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

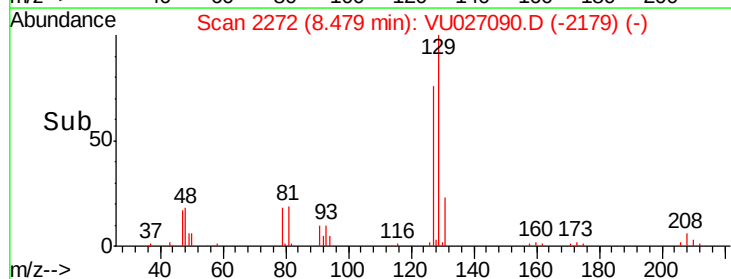
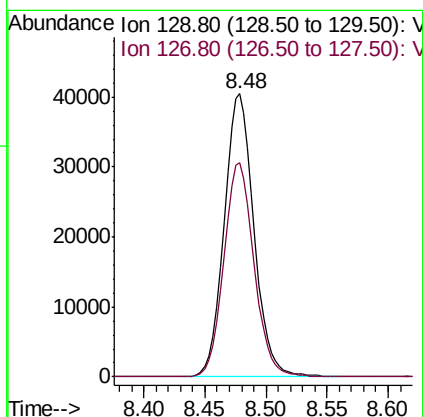
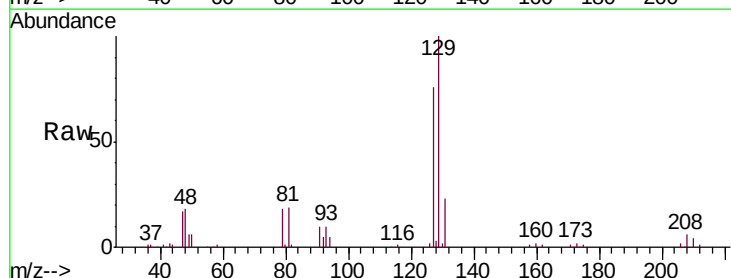
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

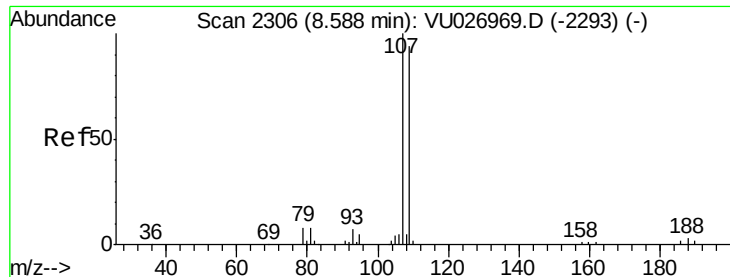
Tgt Ion: 43 Resp: 539151
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.2



#60
Dibromochloromethane
Concen: 53.509 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 129 Resp: 69275
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5

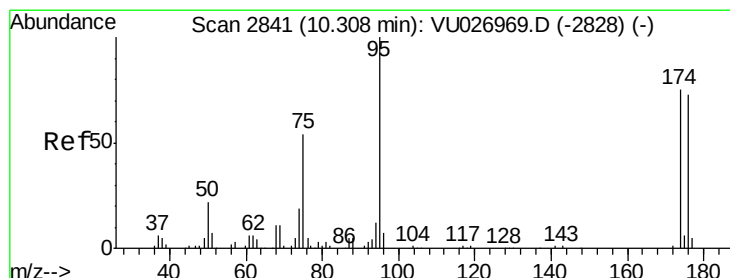
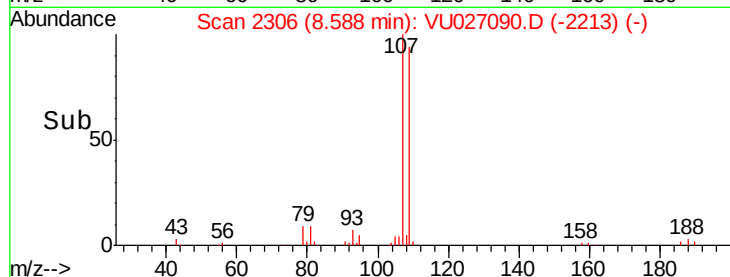
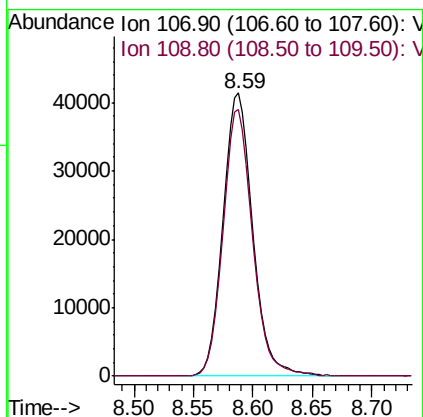
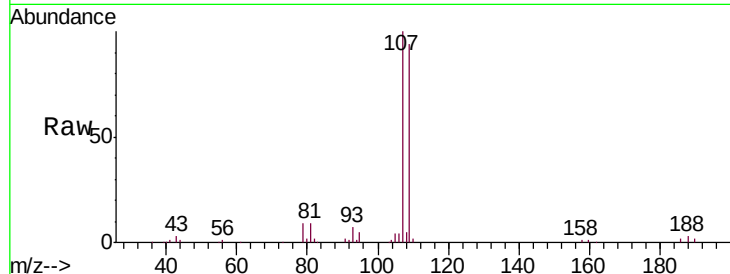




#61
 1,2-Dibromoethane
 Concen: 52.207 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

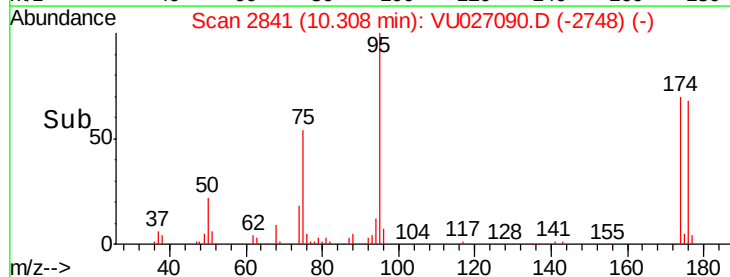
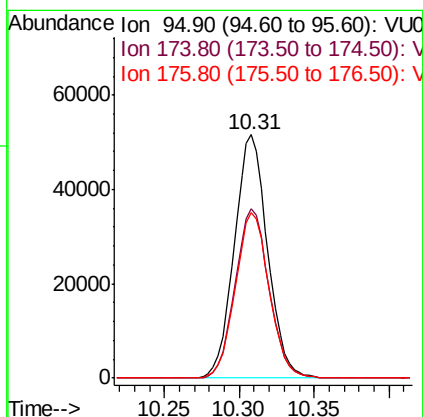
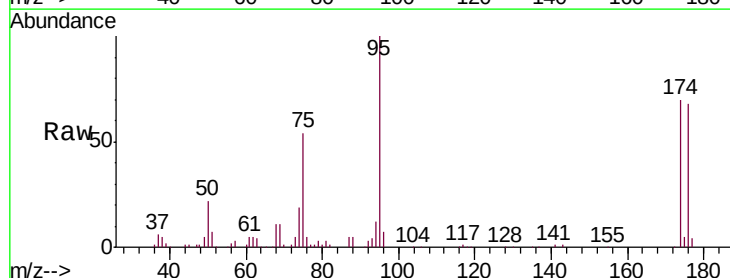
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

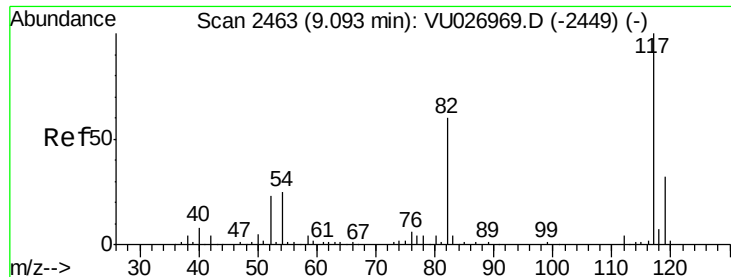
Tgt Ion: 107 Resp: 71694
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.516 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 95 Resp: 79731
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 150.2
 176 69.2 0.0 145.2

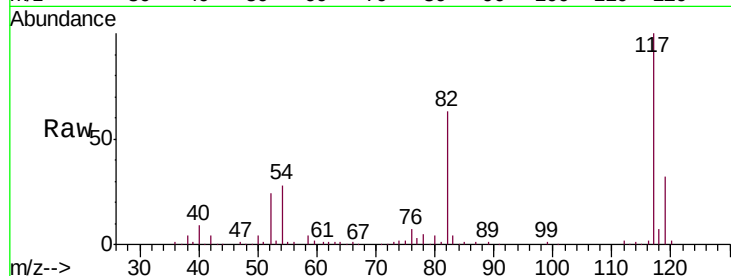




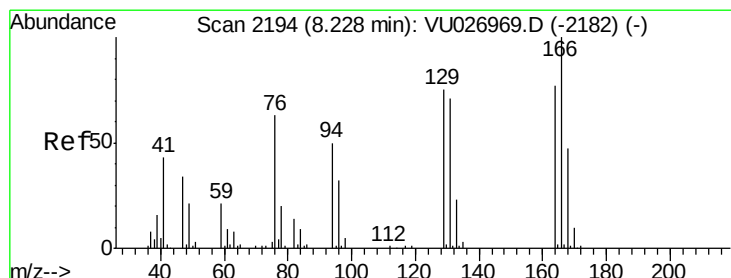
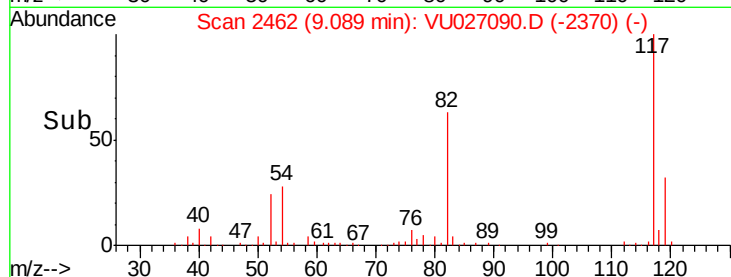
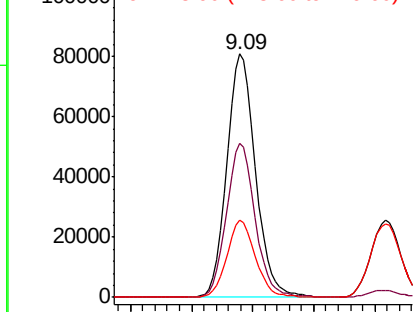
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tgt Ion:117 Resp: 133440
Ion Ratio Lower Upper
117 100
82 63.5 48.0 72.0
119 31.9 25.8 38.8



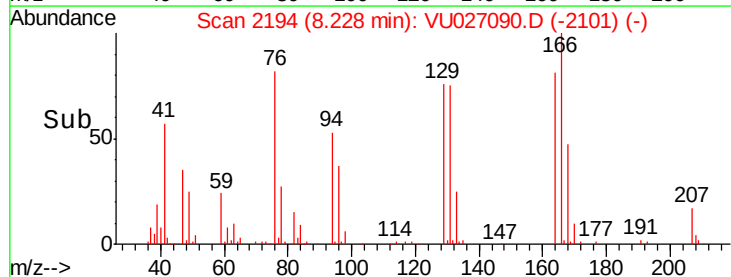
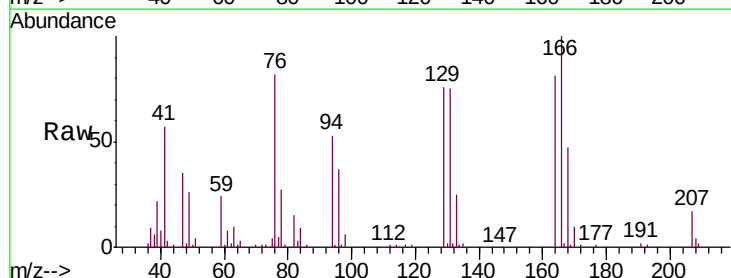
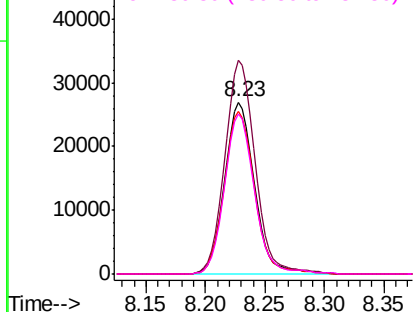
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

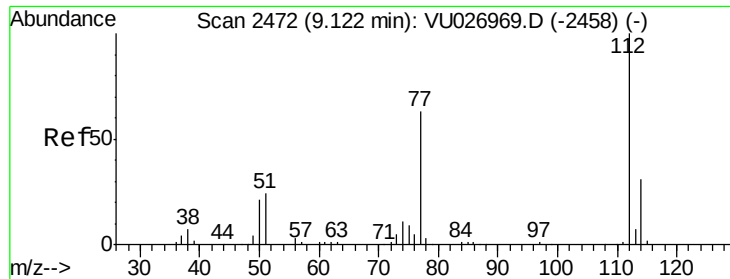


#64
Tetrachloroethene
Concen: 45.630 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:164 Resp: 46919
Ion Ratio Lower Upper
164 100
166 124.1 104.4 156.6
129 94.2 78.7 118.1
131 93.2 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

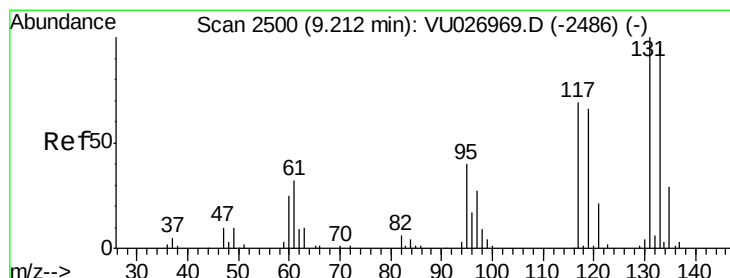
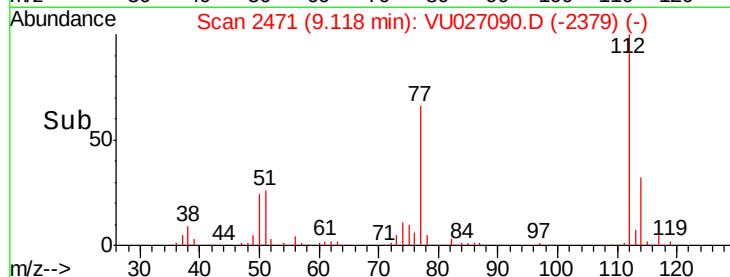
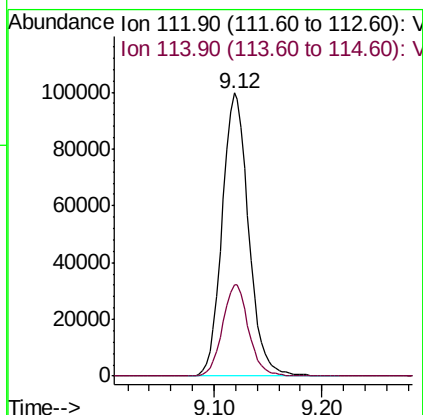
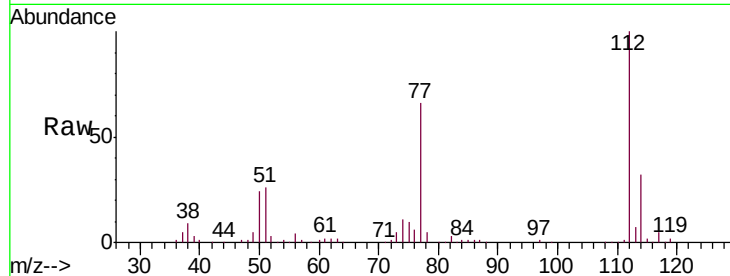




#65
Chlorobenzene
Concen: 48.174 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

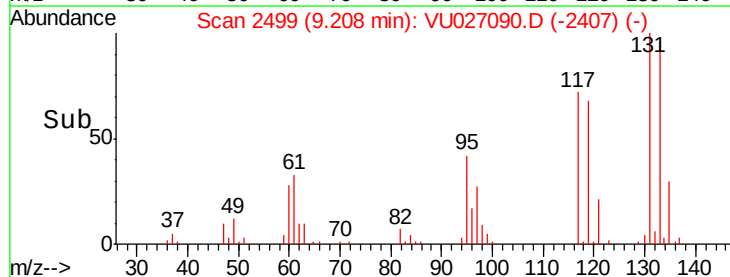
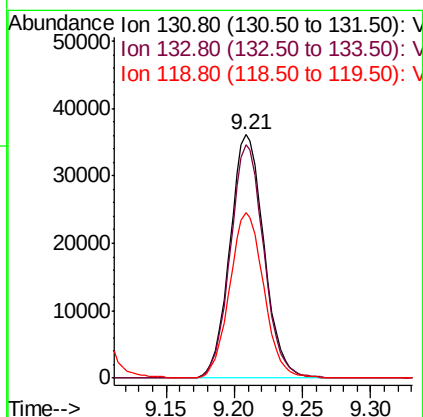
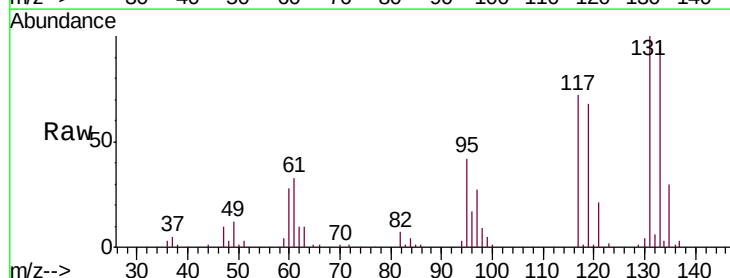
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

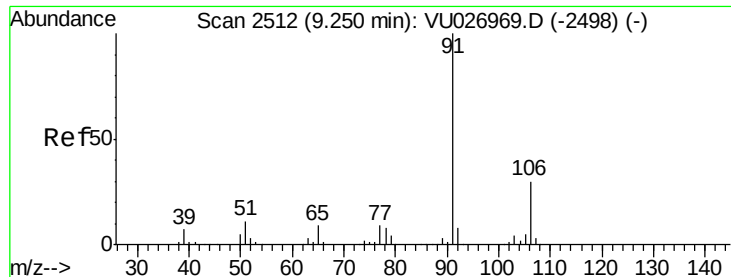
Tgt Ion:112 Resp: 170449
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.367 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:131 Resp: 62599
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 68.1 33.4 100.1

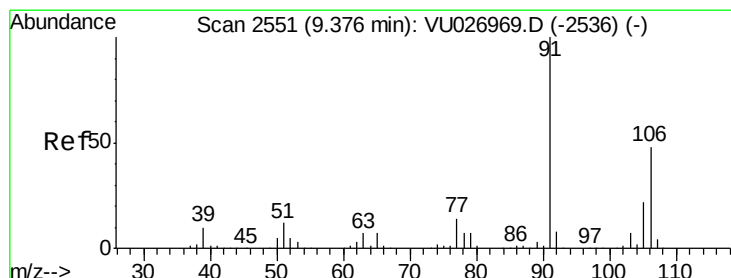
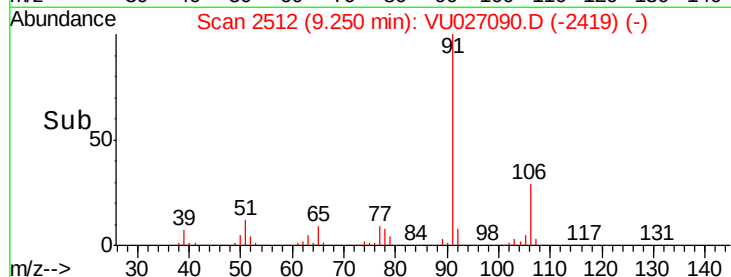
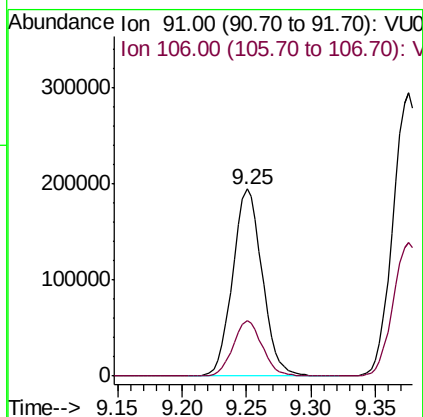
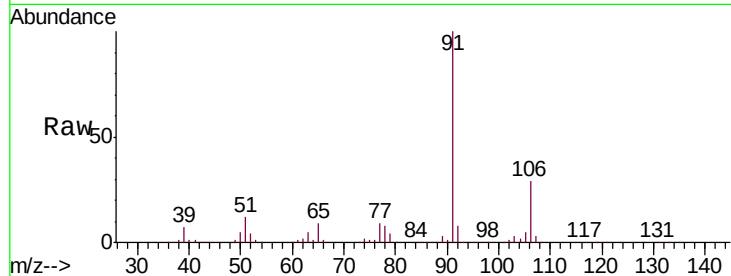




#67
Ethyl Benzene
Concen: 53.605 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

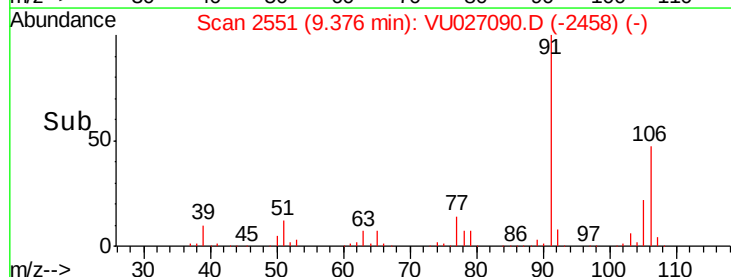
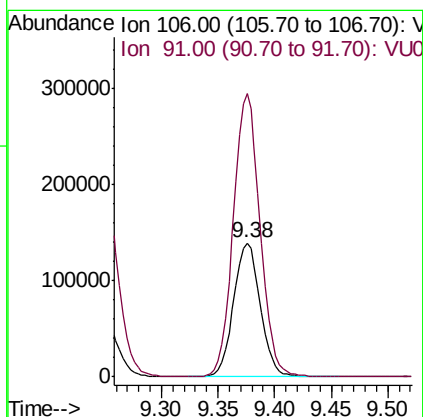
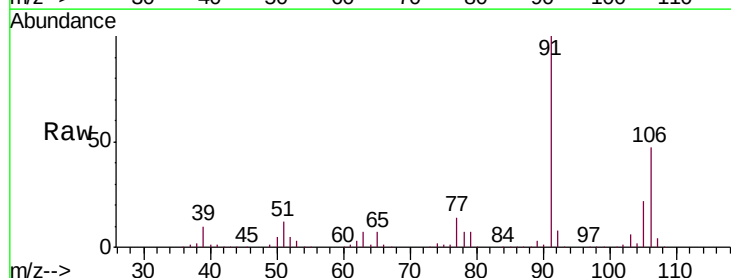
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

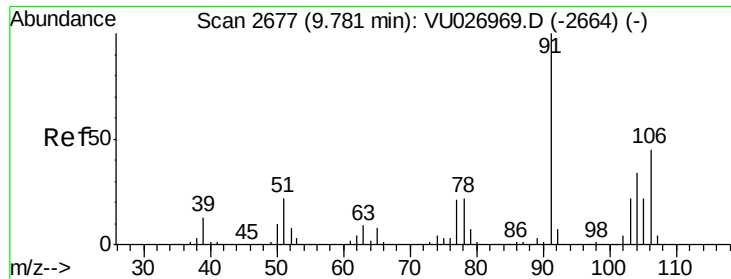
Tgt Ion: 91 Resp: 311879
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.8



#68
m/p-Xylenes
Concen: 97.461 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 106 Resp: 229552
Ion Ratio Lower Upper
106 100
91 210.9 166.5 249.7

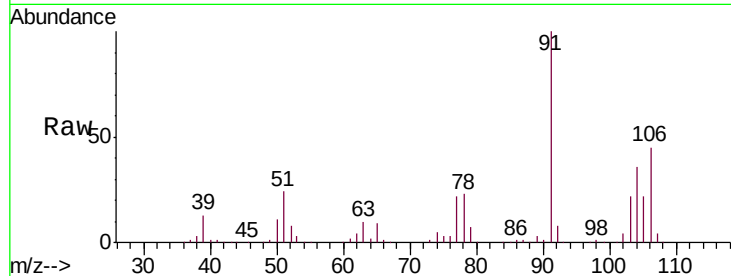




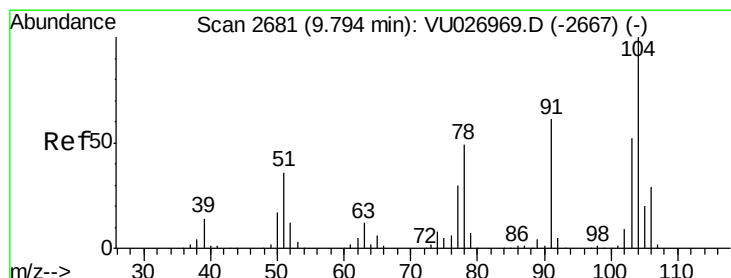
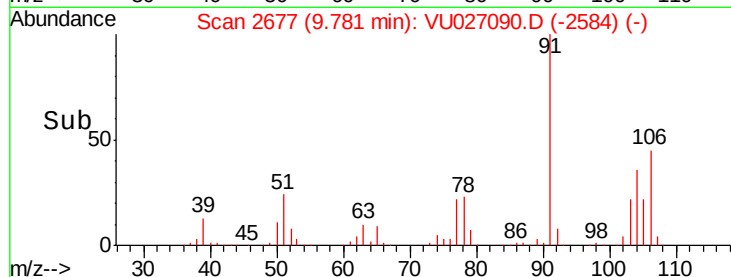
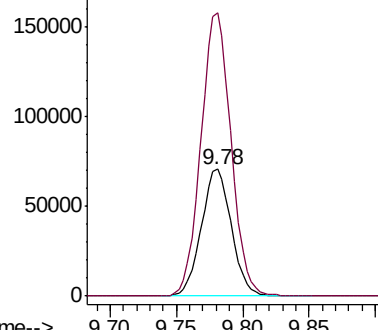
#69
o-Xylene
Concen: 54.082 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tgt Ion:106 Resp: 111486
Ion Ratio Lower Upper
106 100
91 223.4 110.2 330.6

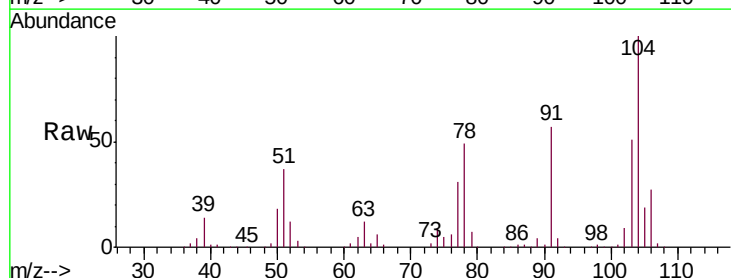


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

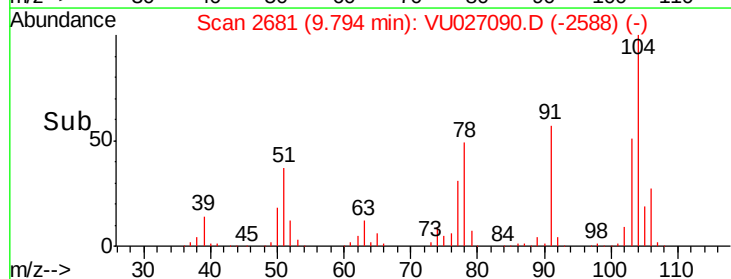
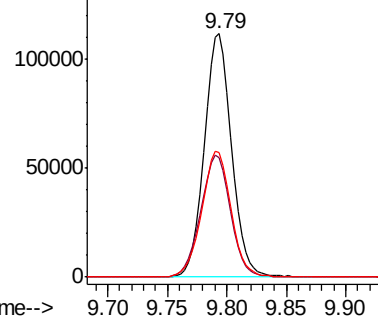


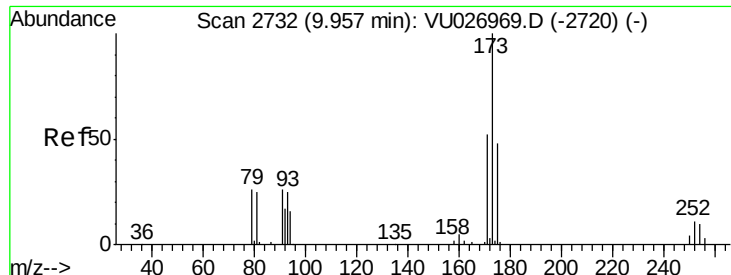
#70
Styrene
Concen: 46.140 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:104 Resp: 177036
Ion Ratio Lower Upper
104 100
78 54.8 43.0 64.4
103 55.4 44.1 66.1



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: 53.005 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

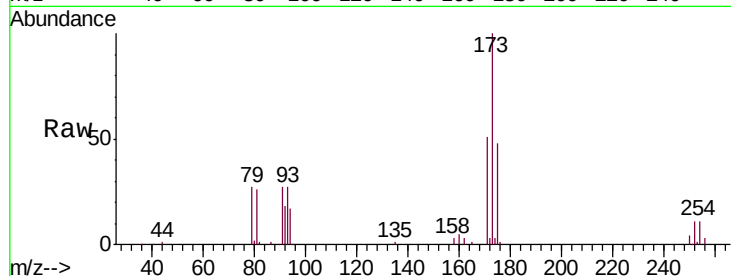
Tgt Ion:173 Resp: 49952

Ion Ratio Lower Upper

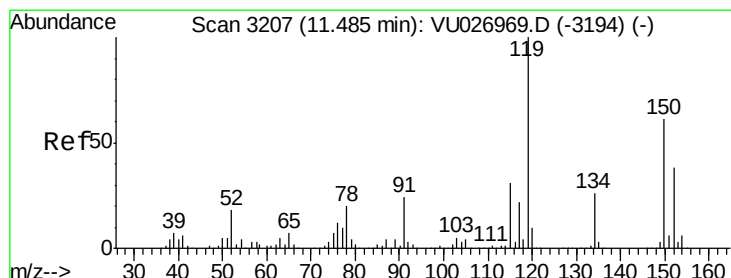
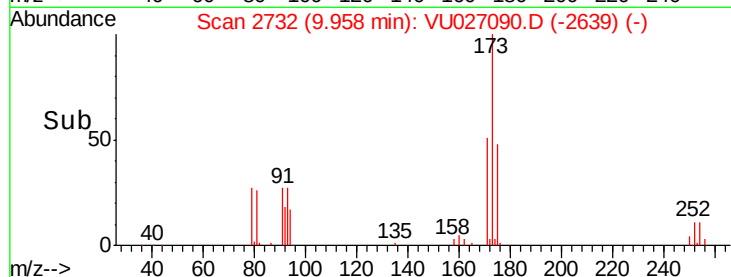
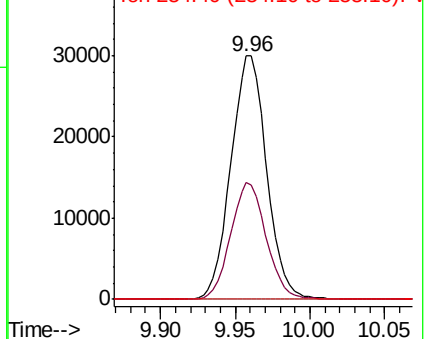
173 100

175 47.6 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

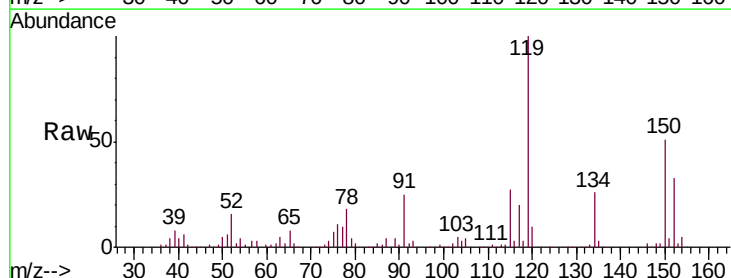
Tgt Ion:152 Resp: 71019

Ion Ratio Lower Upper

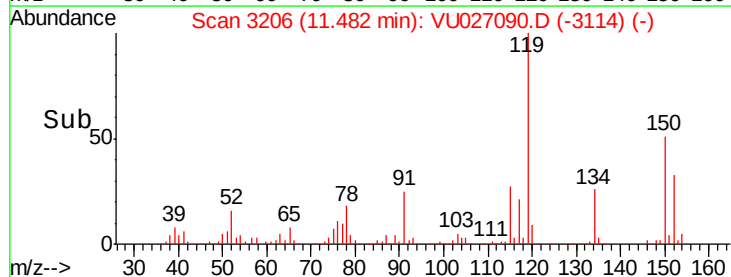
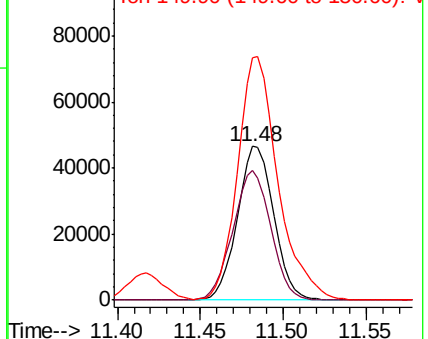
152 100

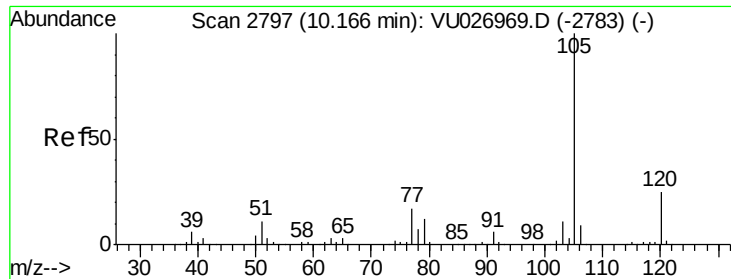
115 87.8 44.9 134.5

150 176.1 0.0 355.8



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: 55.945 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

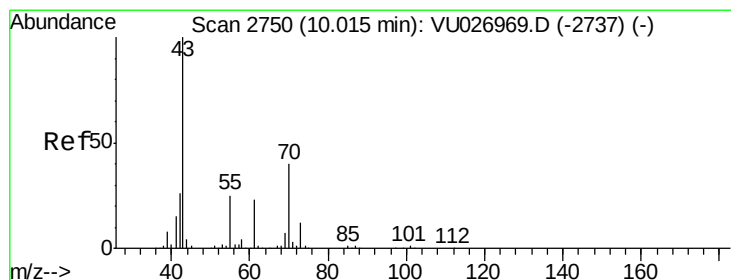
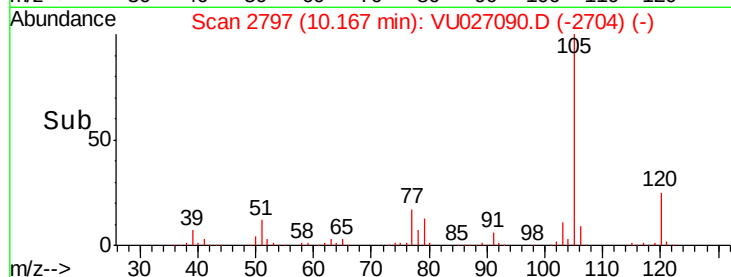
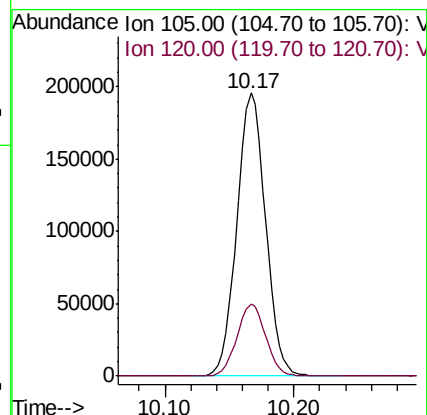
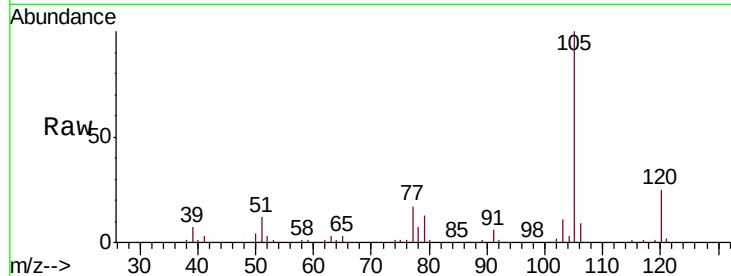
SA-SW204-20180914MSD

Tgt Ion: 105 Resp: 302233

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



#74

N-ethyl acetate

Concen: 42.084 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Tgt Ion: 43 Resp: 131602

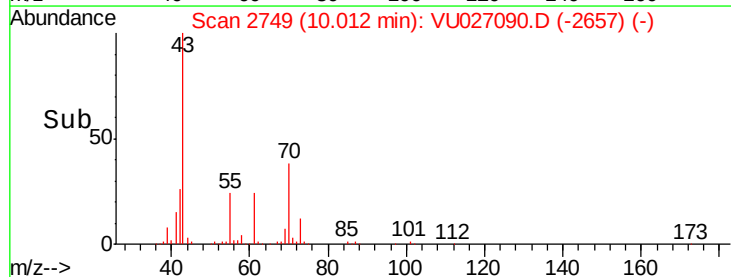
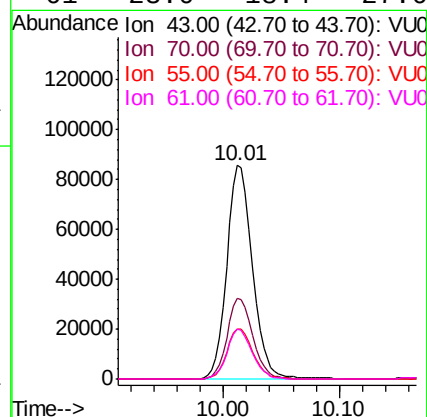
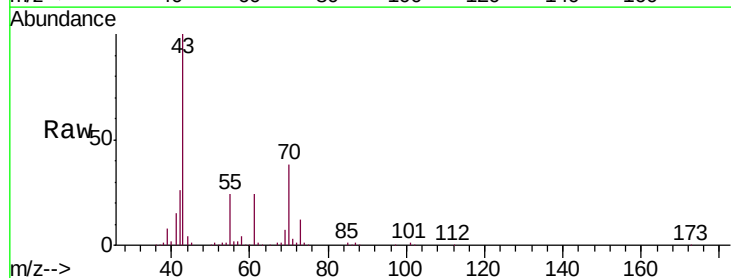
Ion Ratio Lower Upper

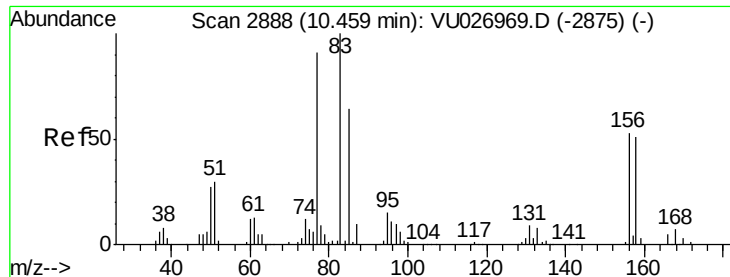
43 100

70 37.9 31.8 47.8

55 24.0 19.9 29.9

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.347 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

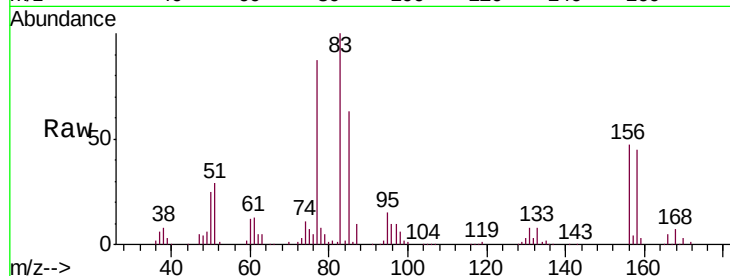
Tgt Ion: 83 Resp: 125055

Ion Ratio Lower Upper

83 100

131 8.2 4.3 12.8

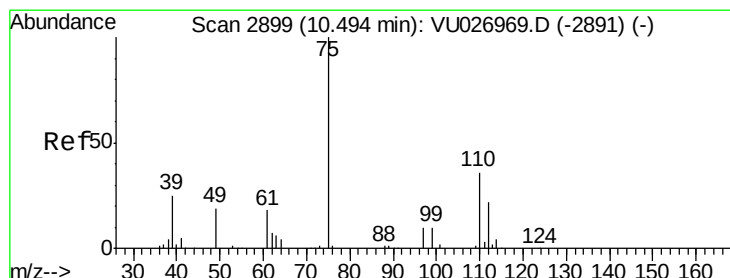
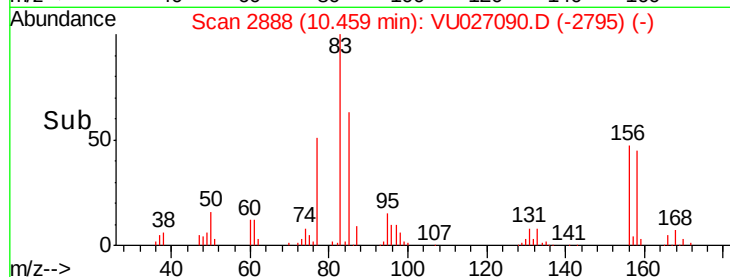
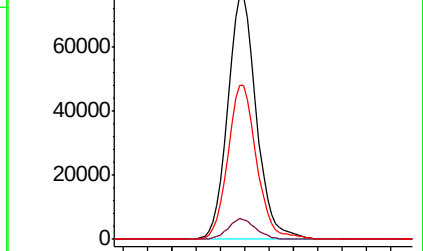
85 63.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 65.396 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027090.D

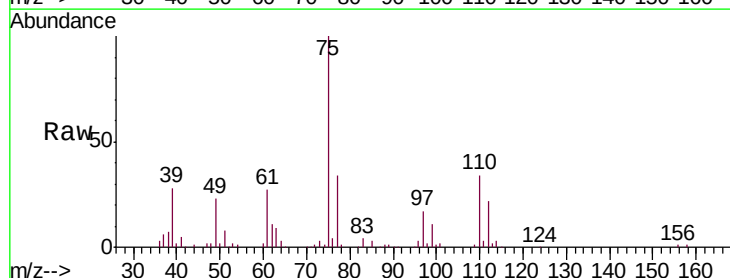
Acq: 23 Sep 2018 22:15

Tgt Ion: 75 Resp: 141095

Ion Ratio Lower Upper

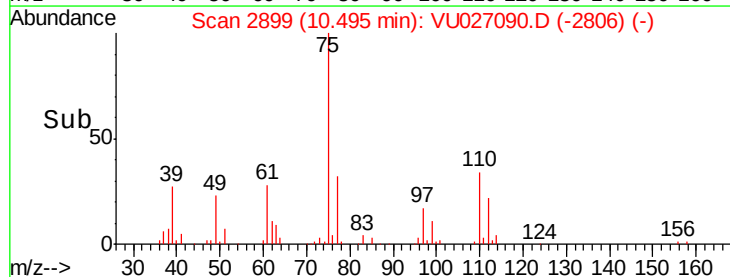
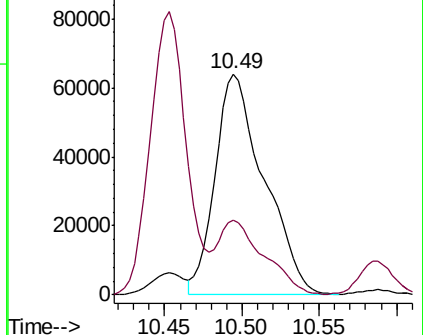
75 100

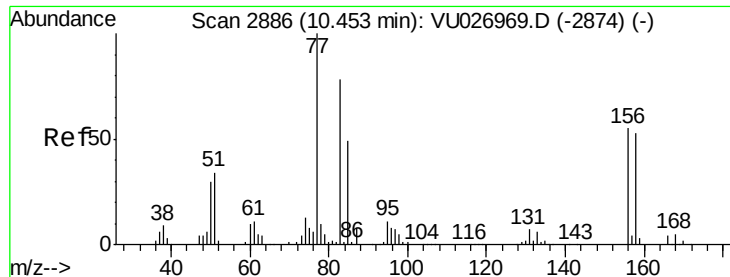
77 32.0 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)





#77

Bromobenzene

Concen: 51.695 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

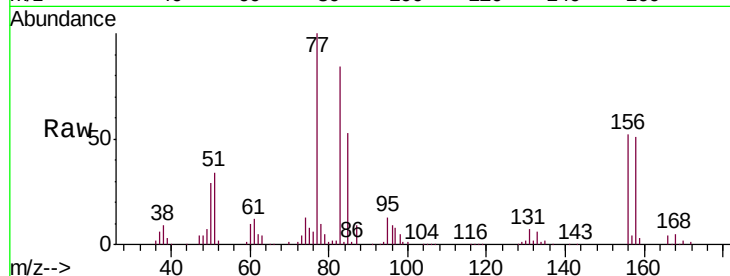
Tgt Ion:156 Resp: 68246

Ion Ratio Lower Upper

156 100

77 195.5 92.3 276.9

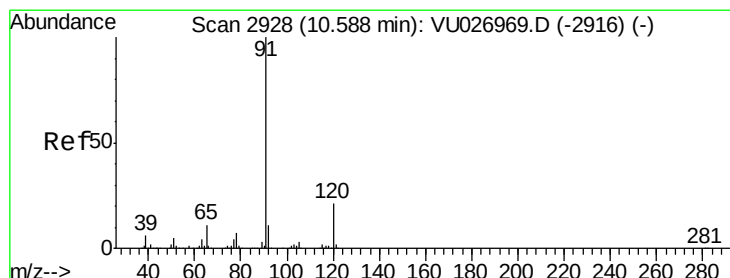
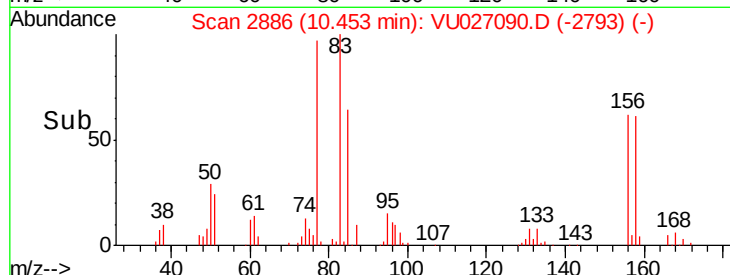
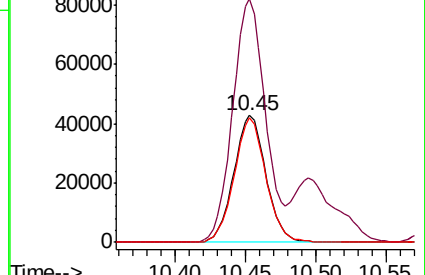
158 96.8 48.1 144.3



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: 56.371 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027090.D

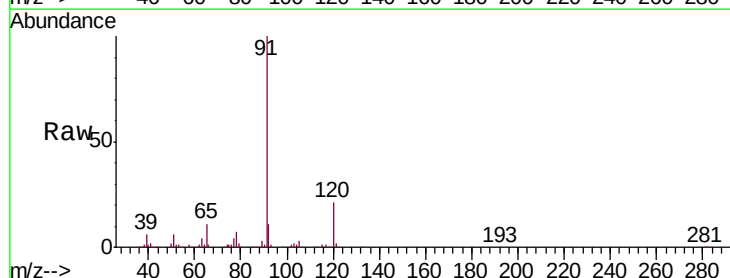
Acq: 23 Sep 2018 22:15

Tgt Ion: 91 Resp: 360337

Ion Ratio Lower Upper

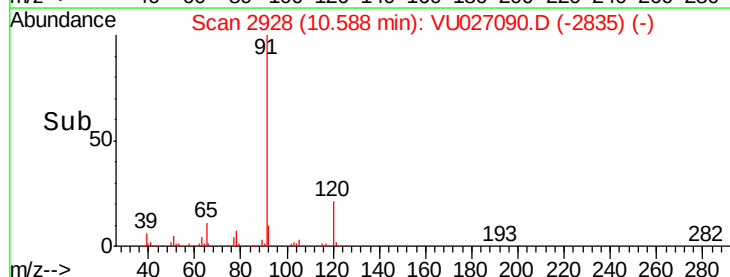
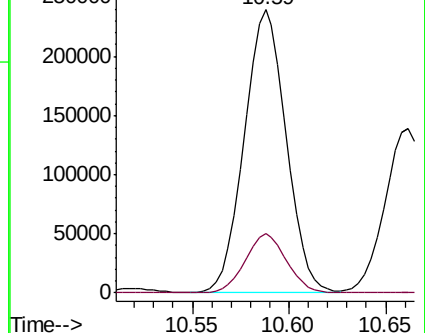
91 100

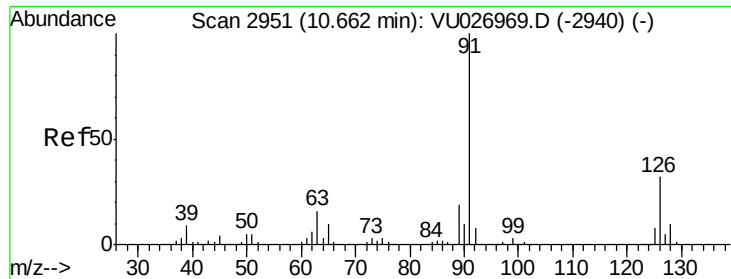
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

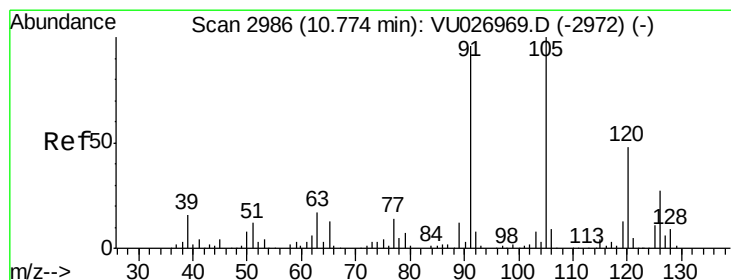
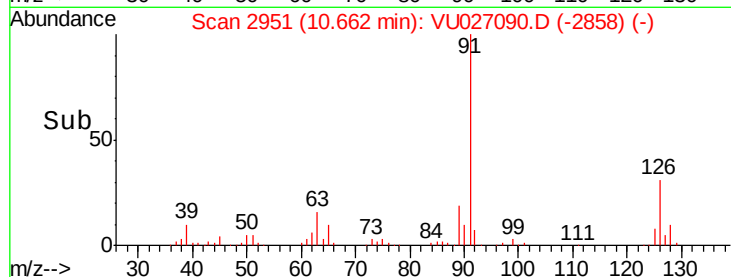
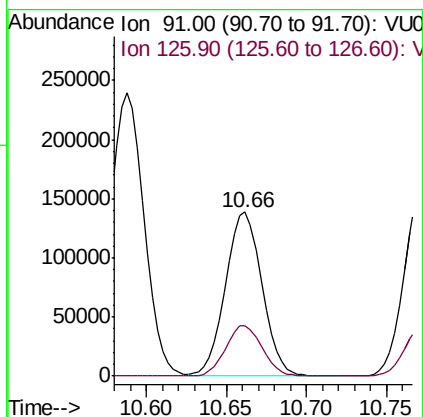
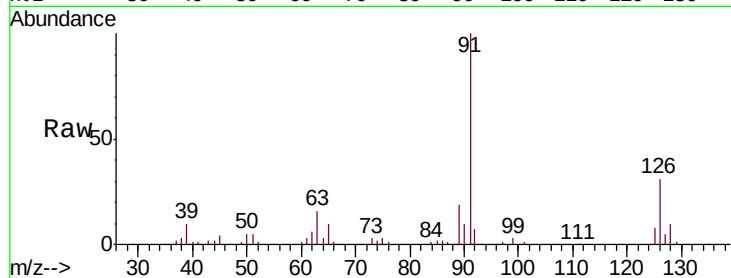




#79
 2-Chlorotoluene
 Concen: 53.786 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

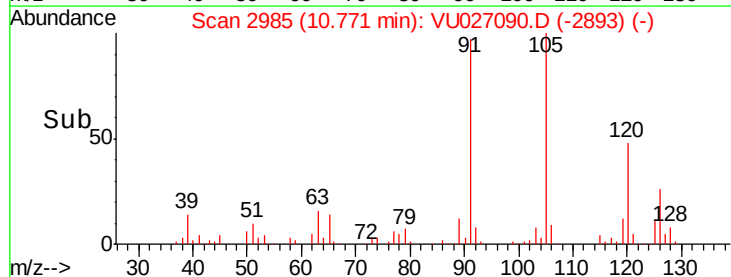
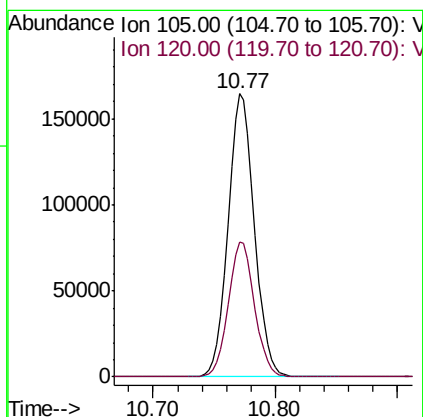
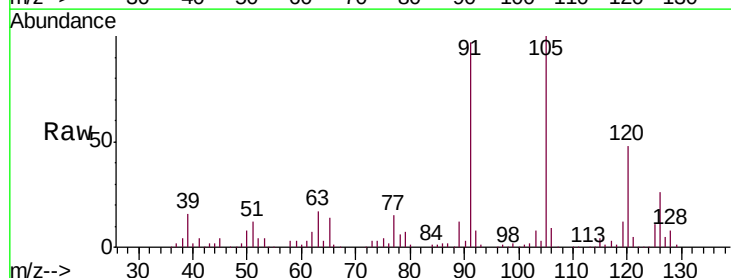
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

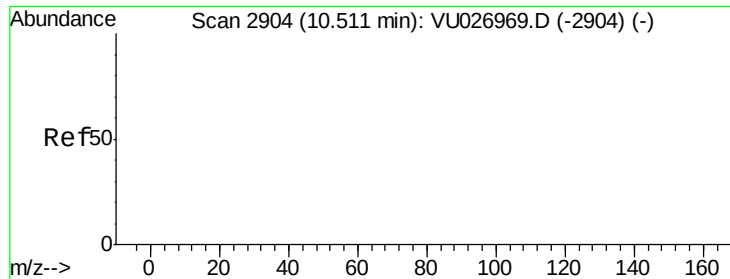
Tgt Ion: 91 Resp: 215959
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.409 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 105 Resp: 247095
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 209.280 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027090.D

Acq: 23 Sep 2018 22:15

Instrument :

MSVOA_U

ClientSampleId :

SA-SW204-20180914MSD

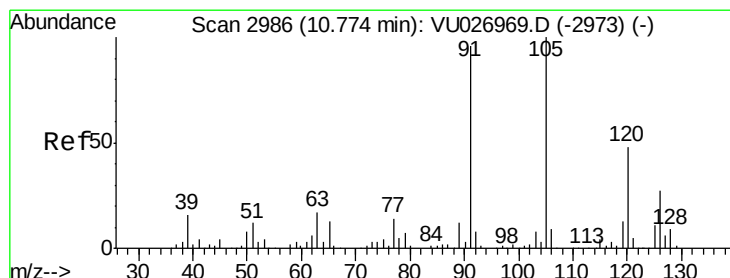
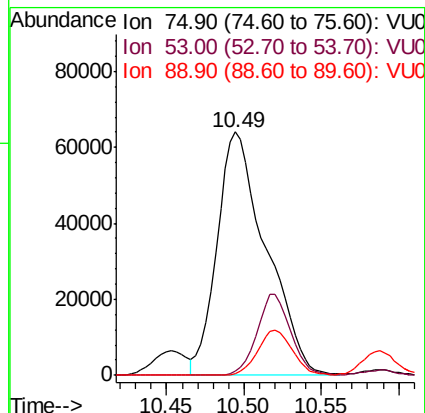
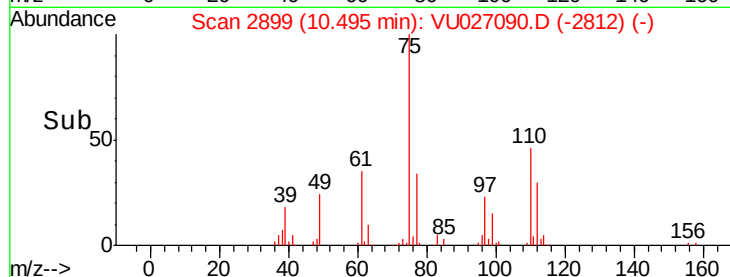
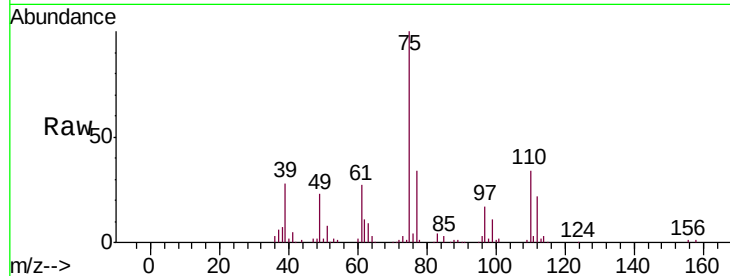
Tgt Ion: 75 Resp: 141095

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 54.741 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027090.D

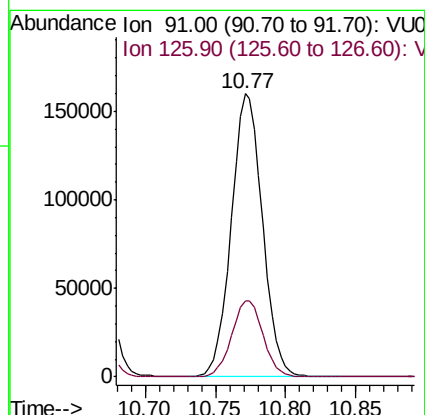
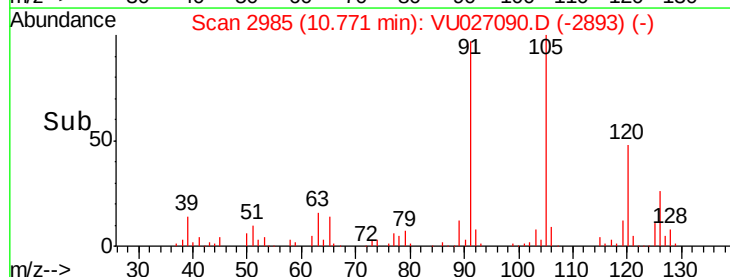
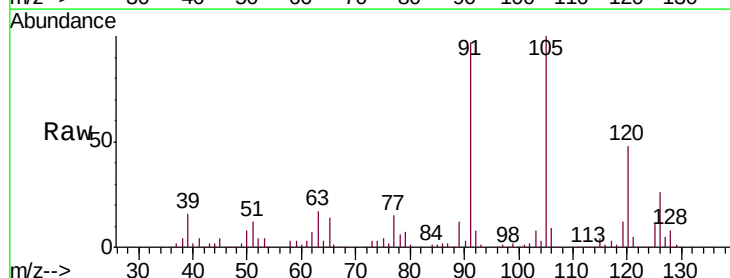
Acq: 23 Sep 2018 22:15

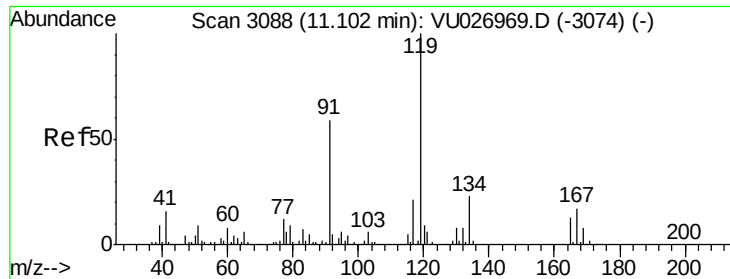
Tgt Ion: 91 Resp: 246449

Ion Ratio Lower Upper

91 100

126 27.2 14.1 42.2

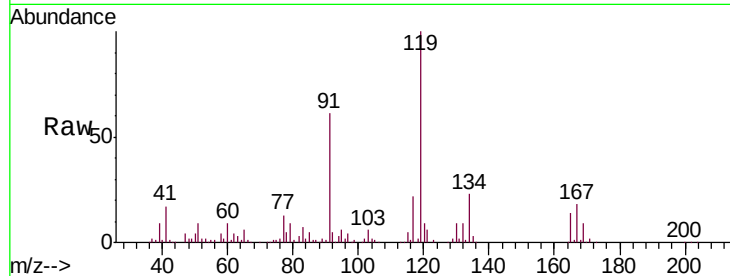




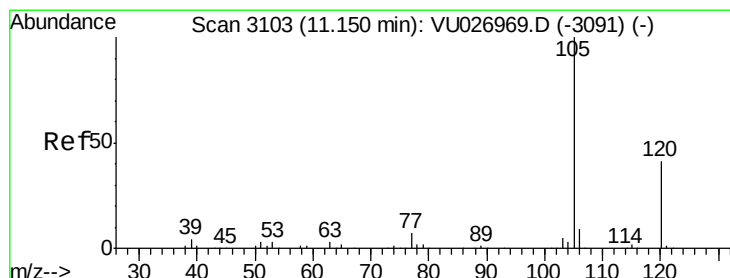
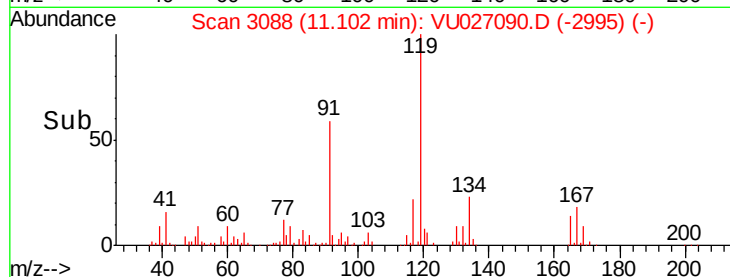
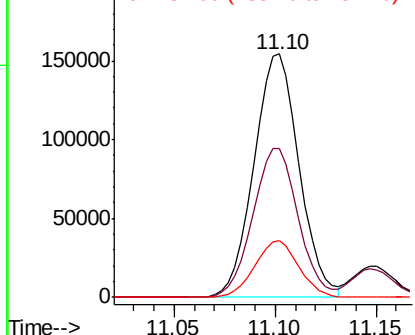
#83
 tert-Butylbenzene
 Concen: 54.763 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

Tgt Ion:119 Resp: 241446
 Ion Ratio Lower Upper
 119 100
 91 61.1 29.8 89.4
 134 22.7 11.5 34.4

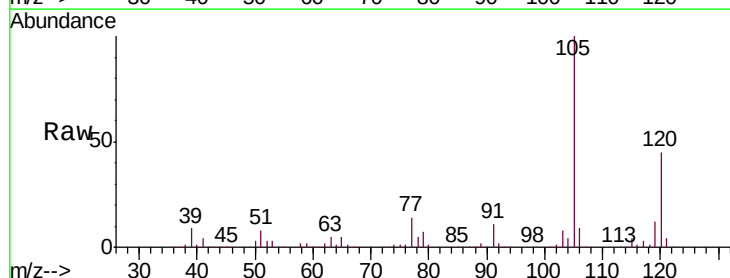


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

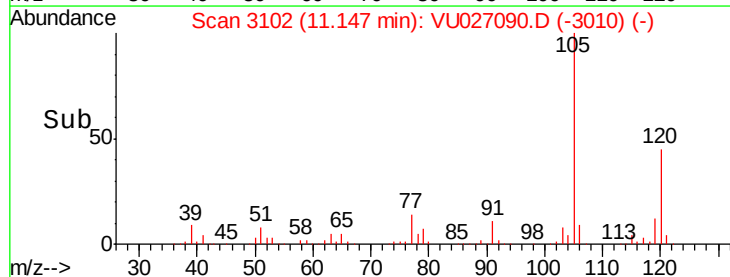
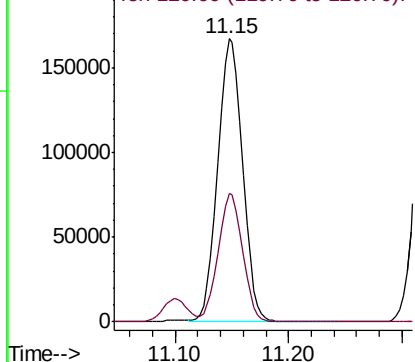


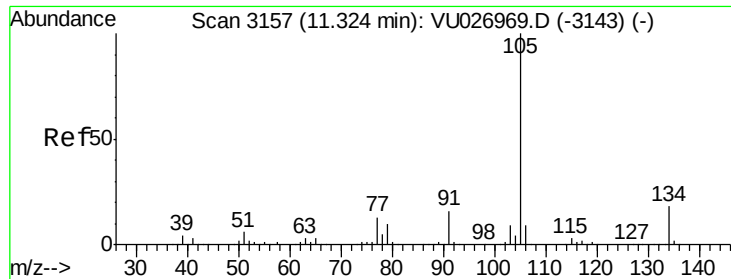
#84
 1,2,4-Trimethylbenzene
 Concen: 56.213 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion:105 Resp: 255118
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.2



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

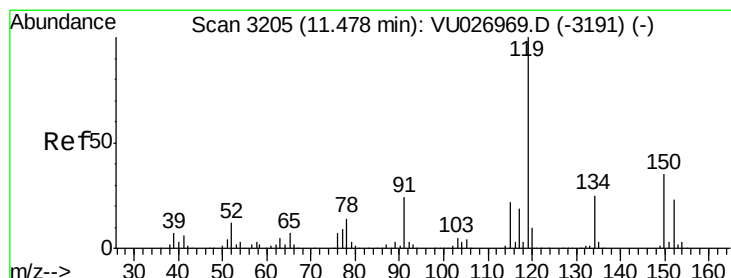
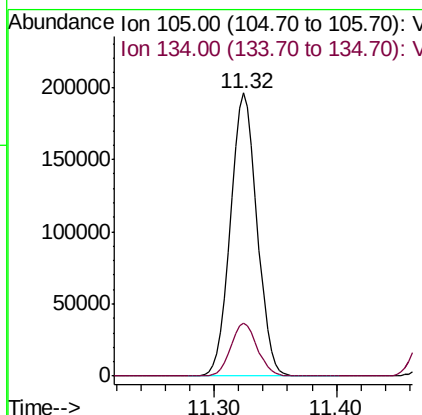
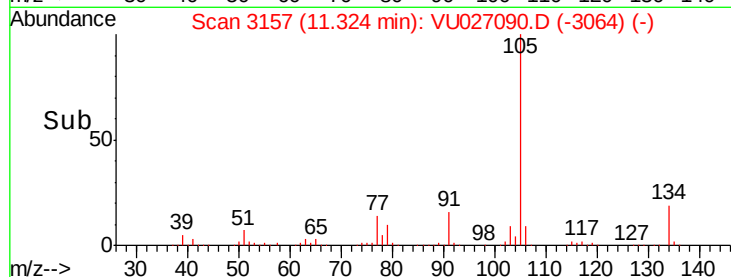
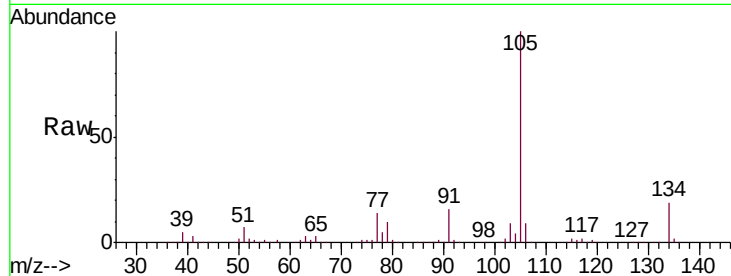




#85
 sec-Butylbenzene
 Concen: 55.314 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

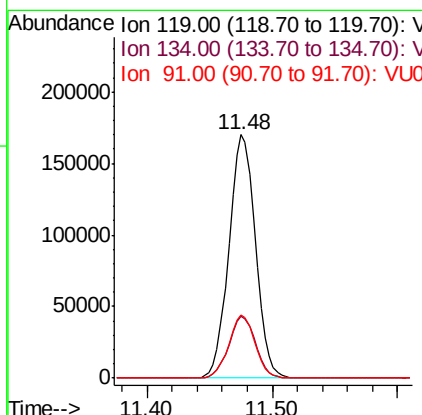
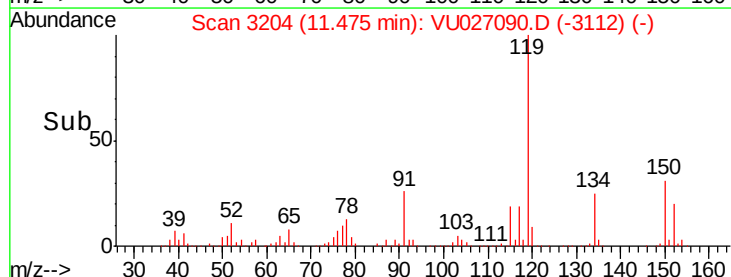
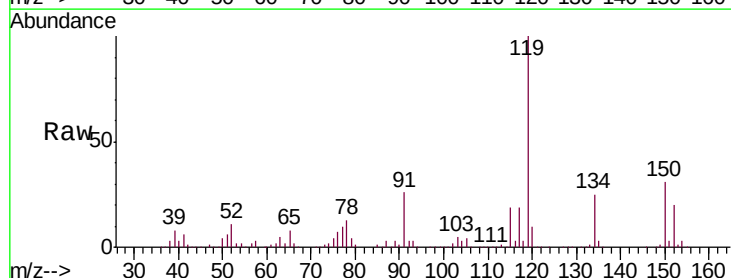
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

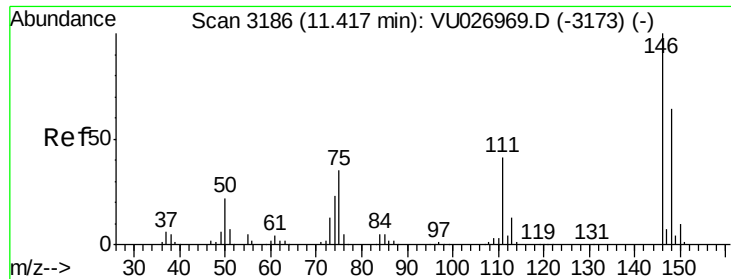
Tgt Ion:105 Resp: 297697
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 49.385 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion:119 Resp: 249341
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.5 12.3 36.8

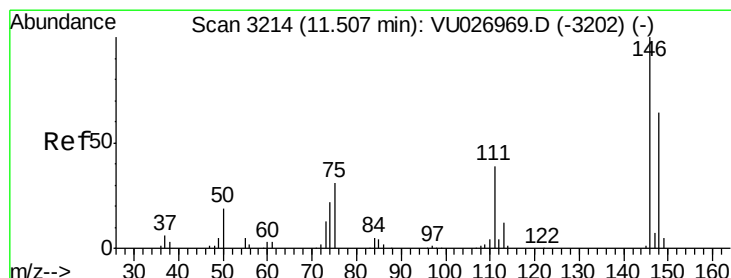
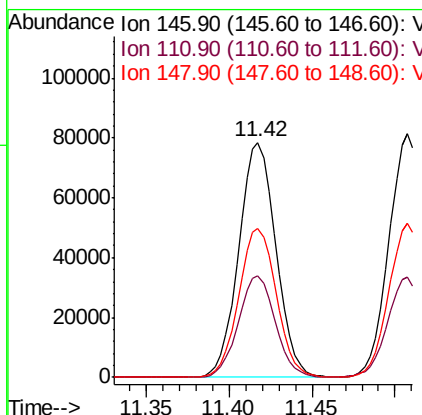
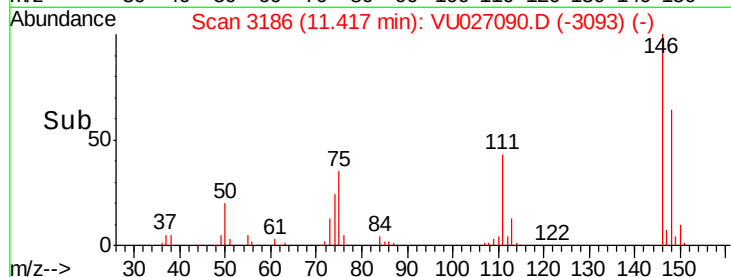
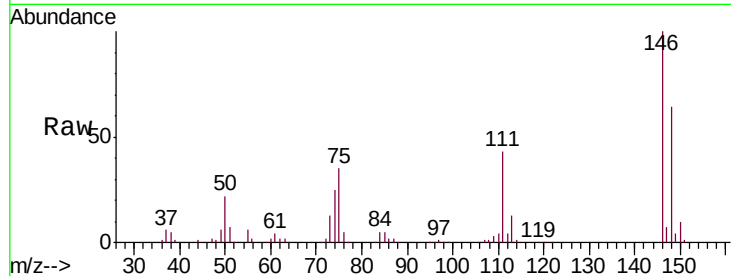




#87
 1,3-Dichlorobenzene
 Concen: 49.866 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

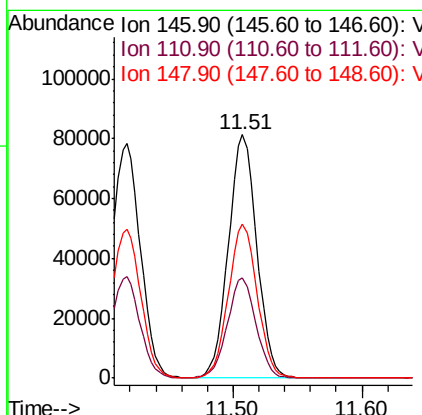
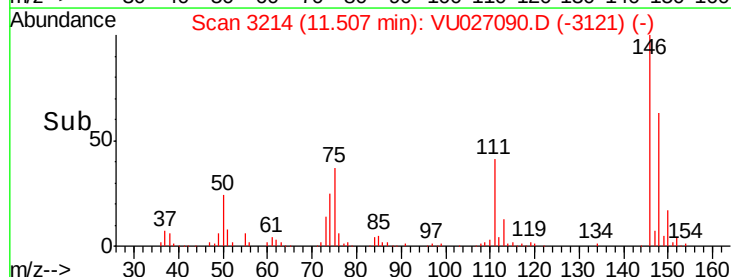
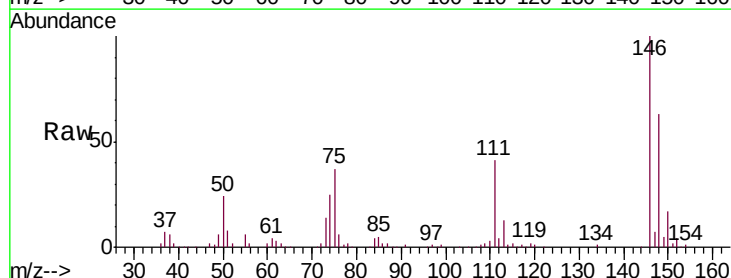
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

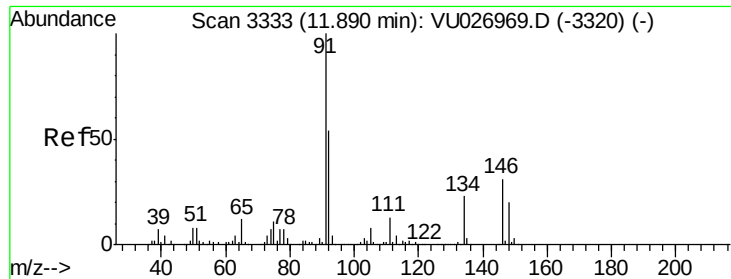
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.8	62.2
148	64.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.468 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	60.9
148	64.2	31.9	95.9

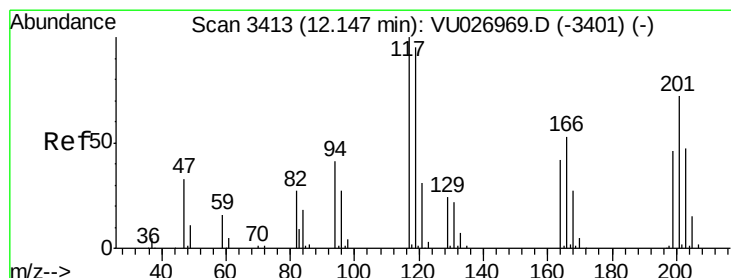
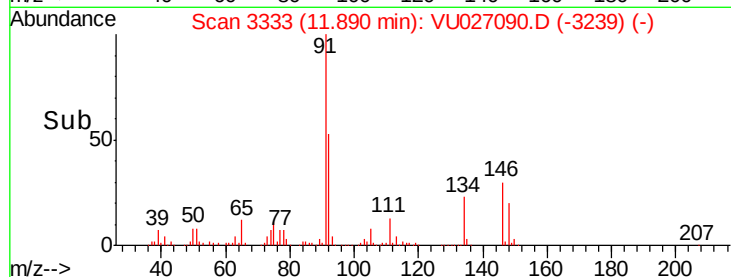
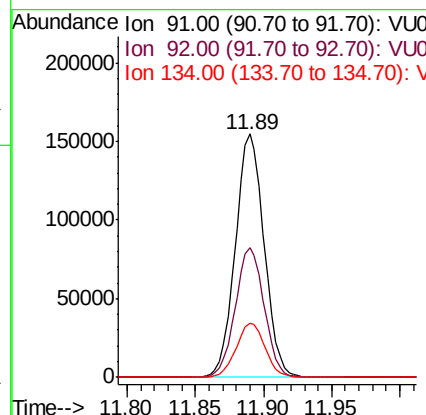
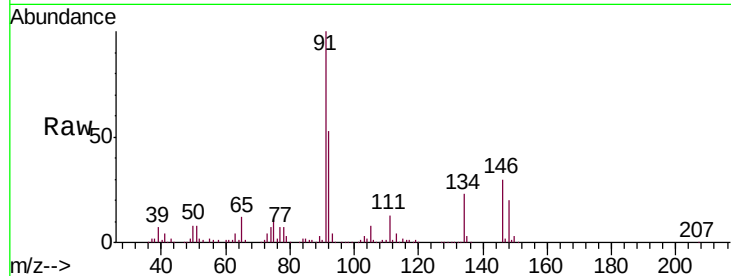




#89
n-Butylbenzene
Concen: 46.357 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

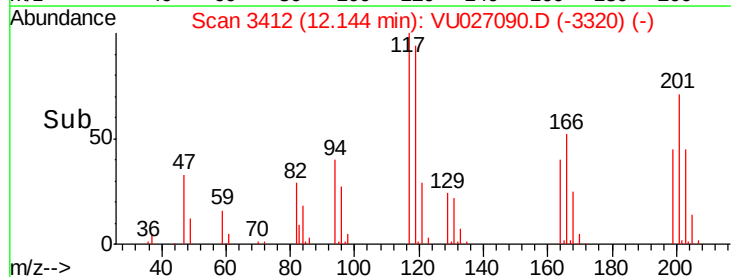
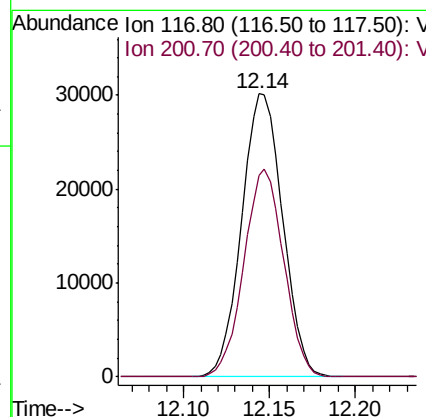
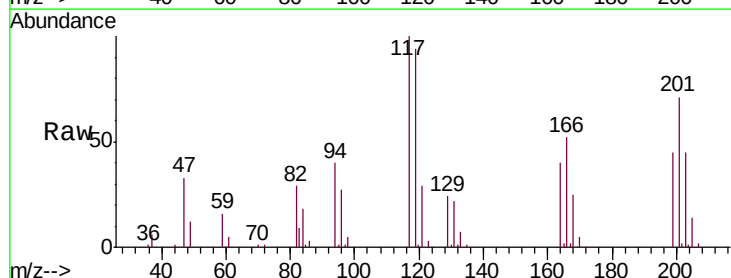
Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

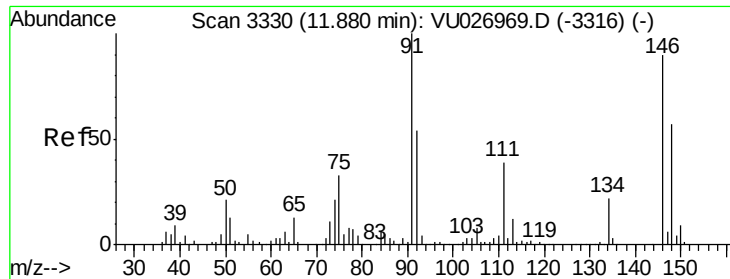
Tgt Ion: 91 Resp: 226043
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 22.4 11.7 35.0



#90
Hexachloroethane
Concen: 51.172 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion: 117 Resp: 50082
Ion Ratio Lower Upper
117 100
201 71.1 36.8 110.3

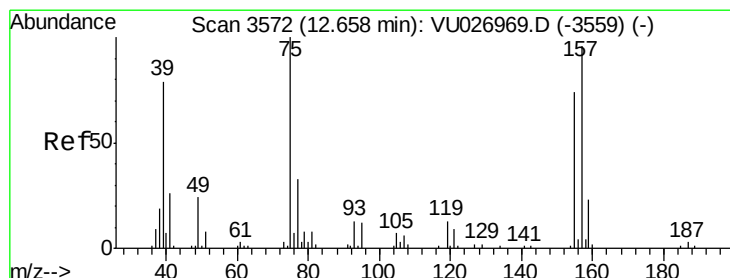
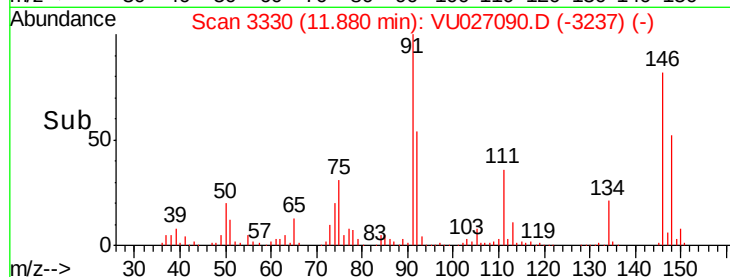
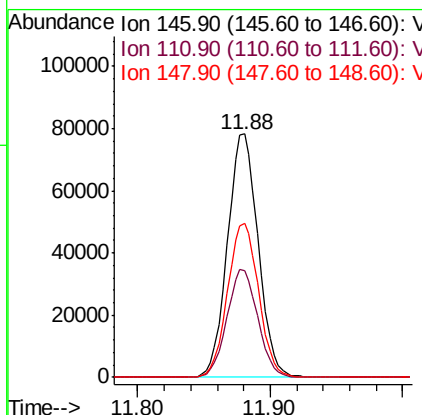
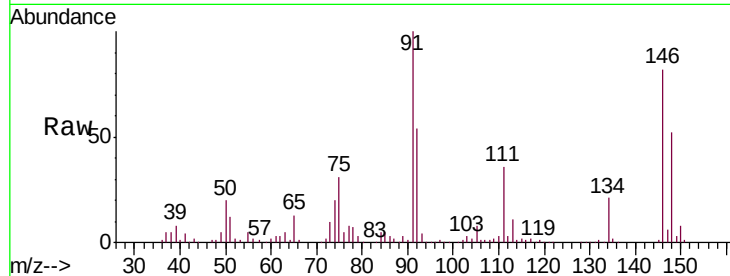




#91
 1,2-Dichlorobenzene
 Concen: 48.091 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

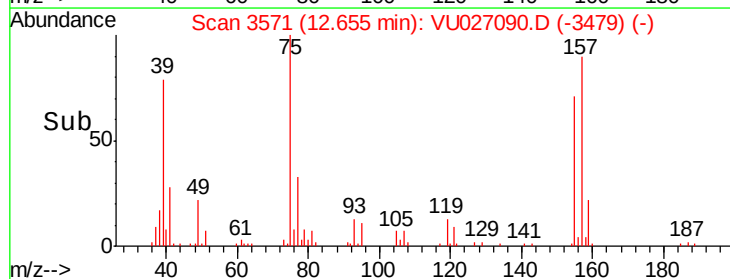
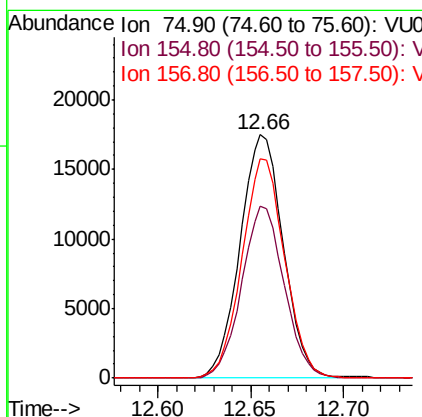
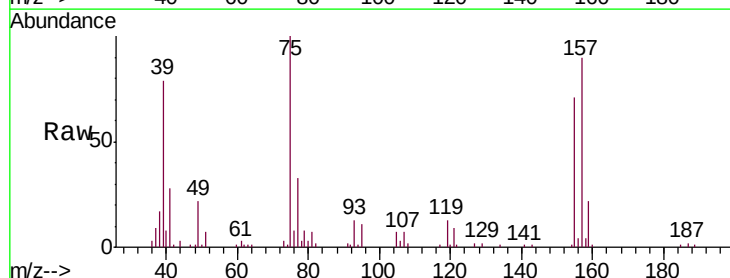
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

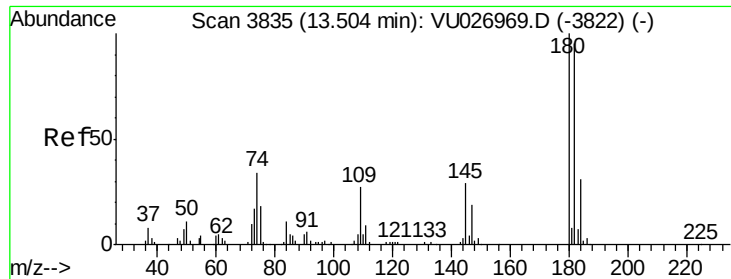
Tgt Ion: 146 Resp: 125497
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.899 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion: 75 Resp: 28325
 Ion Ratio Lower Upper
 75 100
 155 69.3 36.6 109.8
 157 89.0 47.4 142.2

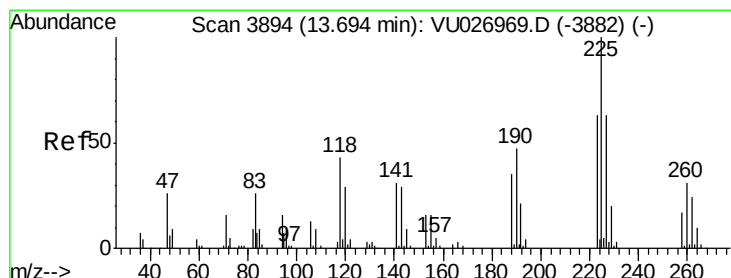
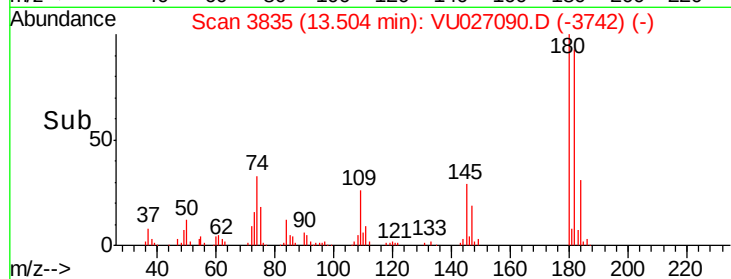
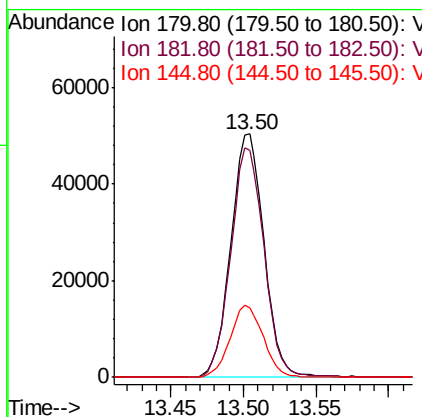
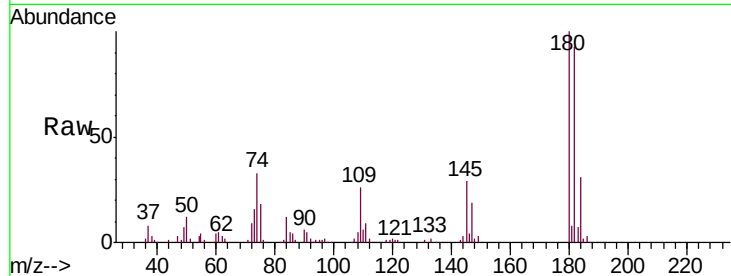




#93
 1,2,4-Trichlorobenzene
 Concen: 53.071 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

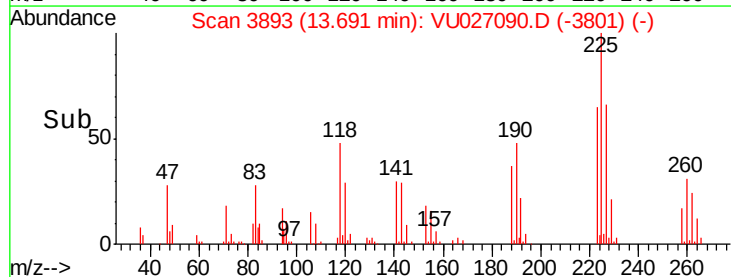
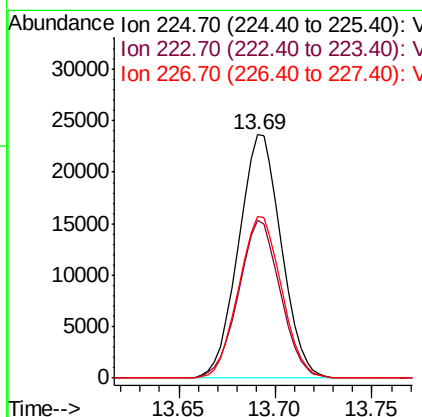
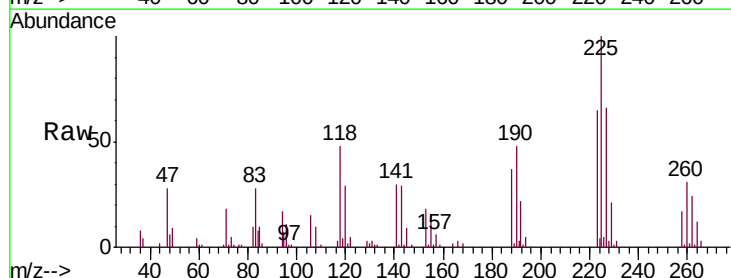
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-SW204-20180914MSD

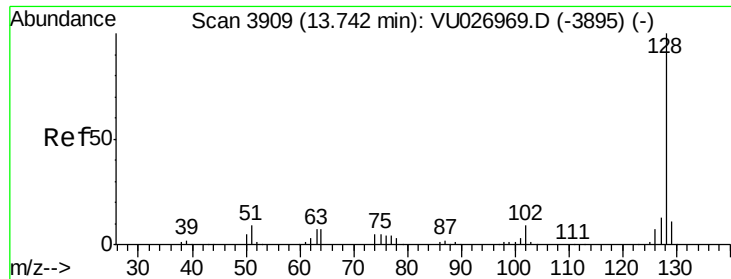
Tgt Ion:180 Resp: 79809
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.2
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 45.715 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027090.D
 Acq: 23 Sep 2018 22:15

Tgt Ion:225 Resp: 36375
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 66.3 32.1 96.5

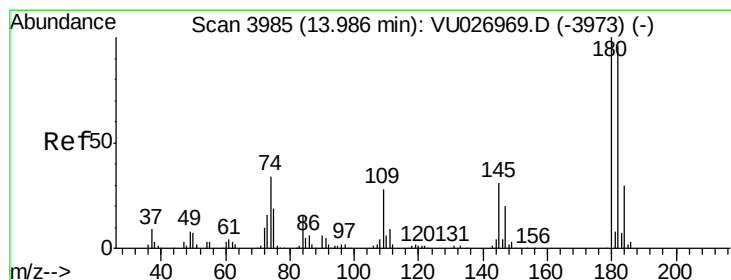
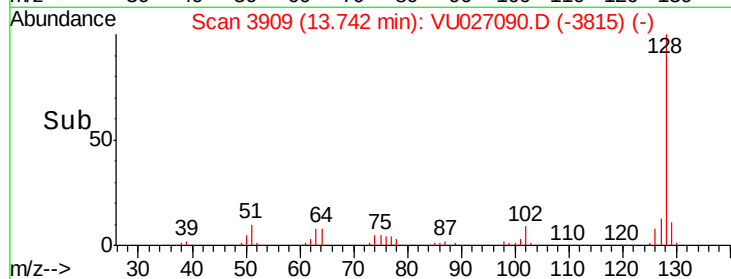
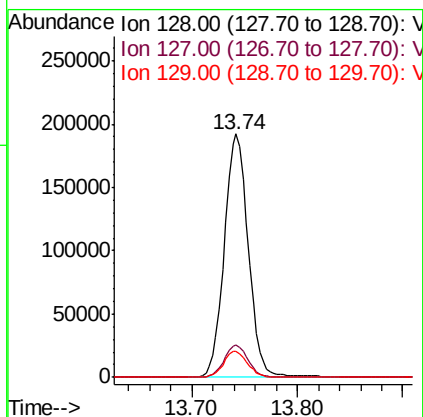
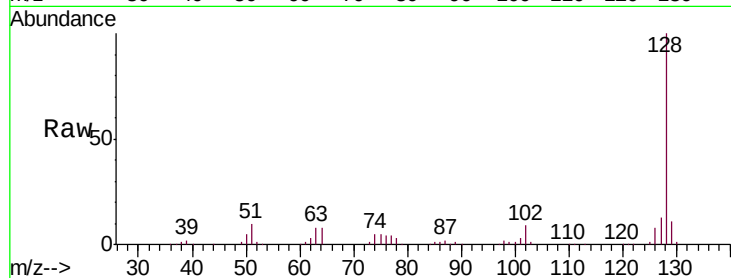




#95
Naphthalene
Concen: 51.565 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Instrument :
MSVOA_U
ClientSampleId :
SA-SW204-20180914MSD

Tgt Ion:128 Resp: 303510
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.499 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027090.D
Acq: 23 Sep 2018 22:15

Tgt Ion:180 Resp: 86277
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 32.0 15.4 46.4

