

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026968.D
 Acq On : 21 Sep 2018 15:15
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 22 00:46:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 00:44:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	80550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132281	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69737	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	30868	23.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.38%	
35) Dibromofluoromethane	4.88	113	21975	20.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.02%	
50) Toluene-d8	7.57	98	80910	19.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.50%	
62) 4-Bromofluorobenzene	10.31	95	26462	18.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	20720	23.069	ug/l	100
3) Chloromethane	1.33	50	34958	26.793	ug/l	98
4) Vinyl Chloride	1.41	62	33562	25.371	ug/l	99
5) Bromomethane	1.62	94	17892	22.048	ug/l	95
6) Chloroethane	1.70	64	22390	26.490	ug/l	99
7) Trichlorofluoromethane	1.89	101	37440	22.222	ug/l	100
8) Diethyl Ether	2.11	74	19040	25.199	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23498	23.383	ug/l	98
10) Methyl Iodide	2.41	142	28162	32.107	ug/l	99
11) Tert butyl alcohol	2.83	59	37250	118.742	ug/l	100
12) 1,1-Dichloroethene	2.29	96	22416	23.529	ug/l	98
13) Acrolein	2.20	56	21312	104.420	ug/l	99
14) Allyl chloride	2.59	41	45612	25.689	ug/l	98
15) Acrylonitrile	2.94	53	95191	138.616	ug/l	99
16) Acetone	2.32	43	96333	131.542	ug/l	100
17) Carbon Disulfide	2.48	76	70536	23.117	ug/l	100
18) Methyl Acetate	2.62	43	46960	28.889	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	81991	24.527	ug/l	100
20) Methylene Chloride	2.70	84	28239	24.231	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	24551	24.276	ug/l	90
22) Diisopropyl ether	3.58	45	99412	26.737	ug/l	98
23) Vinyl Acetate	3.53	43	420167	133.115	ug/l	100
24) 1,1-Dichloroethane	3.45	63	53786	25.975	ug/l	98
25) 2-Butanone	4.27	43	136467	136.560	ug/l	99
26) 2,2-Dichloropropane	4.23	77	41562	24.712	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	26726	23.079	ug/l	99
28) Bromochloromethane	4.55	49	25253	25.315	ug/l	98
29) Tetrahydrofuran	4.64	42	84942	139.629	ug/l	100
30) Chloroform	4.68	83	50233	24.949	ug/l	95
31) Cyclohexane	5.00	56	46924	21.975	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	40699	24.615	ug/l	99
36) 1,1-Dichloropropene	5.14	75	36201	23.700	ug/l	99
37) Ethyl Acetate	4.39	43	46655	24.732	ug/l	96
38) Carbon Tetrachloride	5.14	117	34719	21.850	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	37307	20.736	ug/l	95
40) Benzene	5.39	78	111353	23.569	ug/l	99
41) Methacrylonitrile	4.55	41	26423	26.878	ug/l	98
42) 1,2-Dichloroethane	5.41	62	42736	24.953	ug/l	99
43) Isopropyl Acetate	5.55	43	72083	25.293	ug/l	98
44) Trichloroethene	6.19	130	23630	20.688	ug/l	99
45) 1,2-Dichloropropane	6.43	63	31774	24.513	ug/l	96
46) Dibromomethane	6.56	93	19011	23.111	ug/l	98
47) Bromodichloromethane	6.76	83	37737	23.163	ug/l	97
48) Methyl methacrylate	6.63	41	35159	24.897	ug/l	98
49) 1,4-Dioxane	6.62	88	15365	484.199	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	253149	131.682	ug/l	100
52) Toluene	7.64	92	65698	23.274	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	41101	22.625	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	45176	23.066	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	28217	23.500	ug/l	98
56) Ethyl methacrylate	8.02	69	39270	22.196	ug/l	98
57) 1,3-Dichloropropane	8.24	76	51627	24.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	120941	133.372	ug/l	99
59) 2-Hexanone	8.36	43	192128	127.697	ug/l	99
60) Dibromochloromethane	8.48	129	26642	20.924	ug/l	98
61) 1,2-Dibromoethane	8.59	107	28486	21.956	ug/l	98
64) Tetrachloroethene	8.23	164	20574	20.006	ug/l	99
65) Chlorobenzene	9.12	112	67896	20.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	24821	20.817	ug/l	98
67) Ethyl Benzene	9.25	91	114590	21.165	ug/l	98
68) m/p-Xylenes	9.38	106	87752	42.862	ug/l	100
69) o-Xylene	9.78	106	40921	20.608	ug/l	100
70) Styrene	9.79	104	67892	20.859	ug/l	99
71) Bromoform	9.96	173	18466	18.195	ug/l #	97
73) Isopropylbenzene	10.17	105	110915	22.783	ug/l	100
74) N-amyl acetate	10.02	43	60399	25.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	48354	24.096	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	54624	33.455	ug/l	82
77) Bromobenzene	10.45	156	25964	20.026	ug/l	98
78) n-propylbenzene	10.59	91	131129	23.024	ug/l	99
79) 2-Chlorotoluene	10.66	91	83381	23.661	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	94494	23.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	54624	97.773	ug/l #	100
82) 4-Chlorotoluene	10.77	91	91814	23.198	ug/l	99
83) tert-Butylbenzene	11.10	119	86519	21.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	95903	23.233	ug/l	99
85) sec-Butylbenzene	11.32	105	110677	22.520	ug/l	99
86) p-Isopropyltoluene	11.48	119	92750	21.769	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	47759	19.733	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	49559	19.678	ug/l	98
89) n-Butylbenzene	11.89	91	79350	21.067	ug/l	98
90) Hexachloroethane	12.15	117	18418	21.410	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	49679	20.424	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9530	23.692	ug/l	98

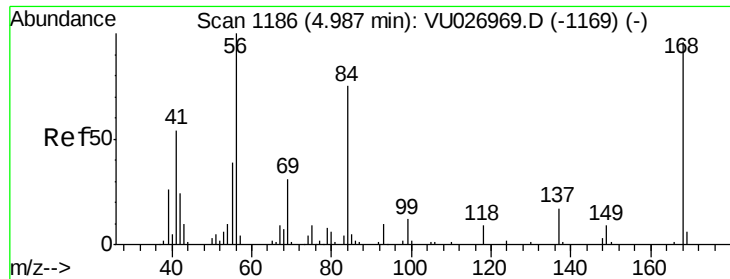
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	28471	17.904	ug/l	100
94) Hexachlorobutadiene	13.69	225	15417	18.855	ug/l	98
95) Naphthalene	13.74	128	98778	20.078	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	31579	18.919	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

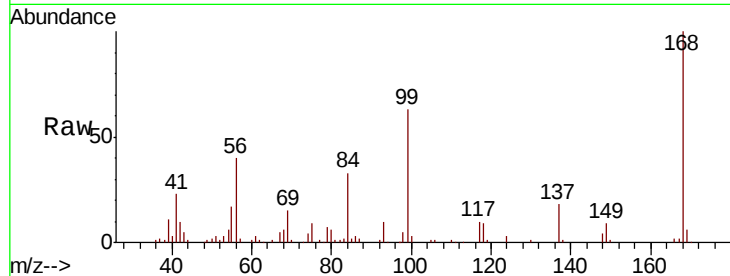
VSTDIC020

Tgt Ion:168 Resp: 80550

Ion Ratio Lower Upper

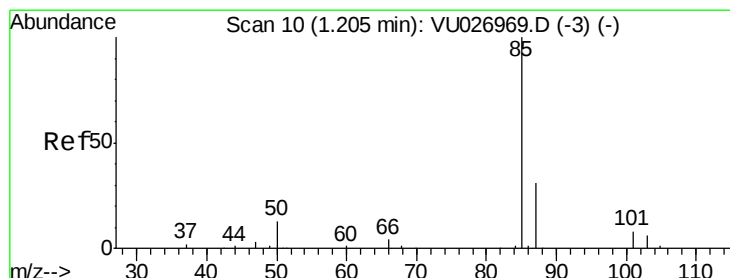
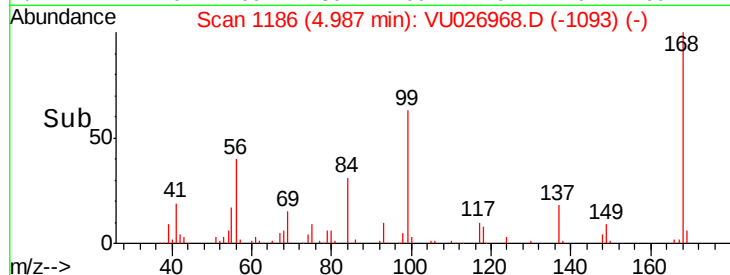
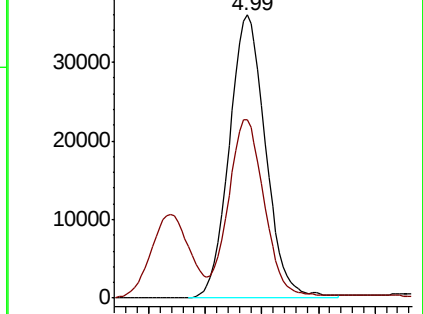
168 100

99 62.1 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026968.D (-1093) (-)



#2

Dichlorodifluoromethane

Concen: 23.069 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026968.D

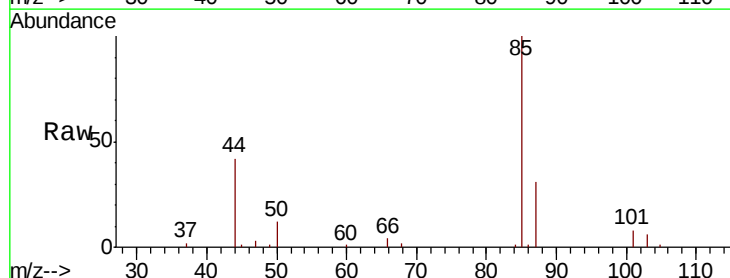
Acq: 21 Sep 2018 15:15

Tgt Ion: 85 Resp: 20720

Ion Ratio Lower Upper

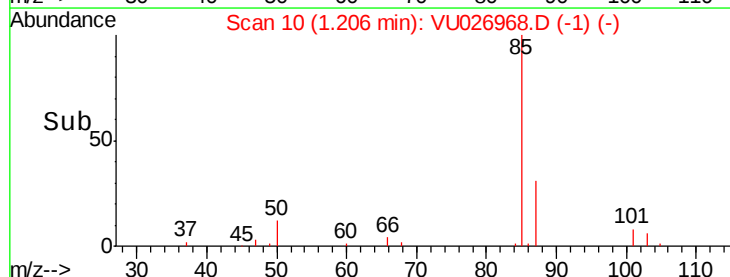
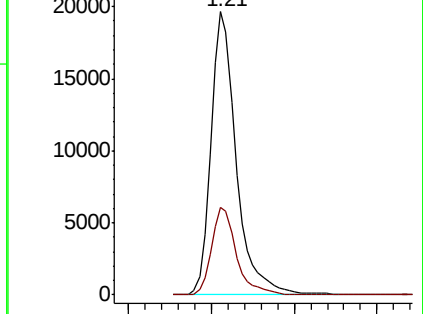
85 100

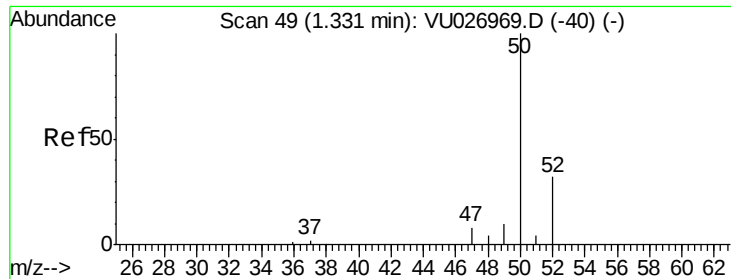
87 30.9 15.6 46.7



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

Ion 86.90 (86.60 to 87.60): VU026968.D (-1) (-)





#3

Chloromethane

Concen: 26.793 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

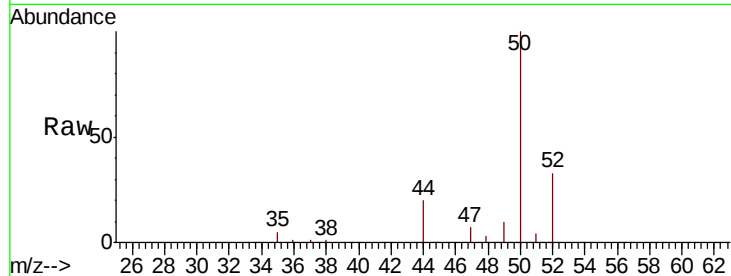
VSTDIC020

Tgt Ion: 50 Resp: 34958

Ion Ratio Lower Upper

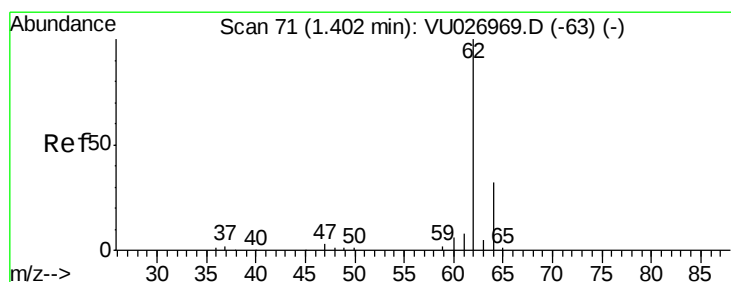
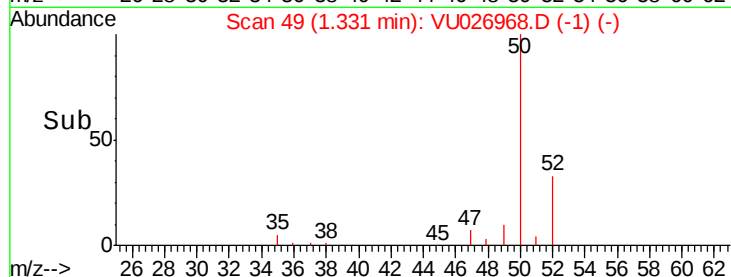
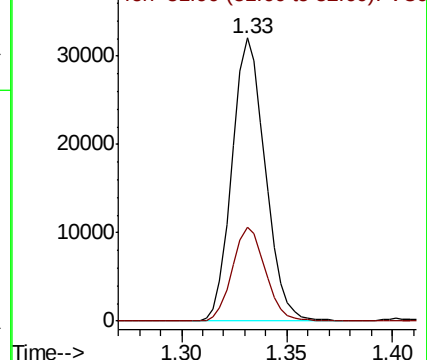
50 100

52 33.3 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: 25.371 ug/l

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU026968.D

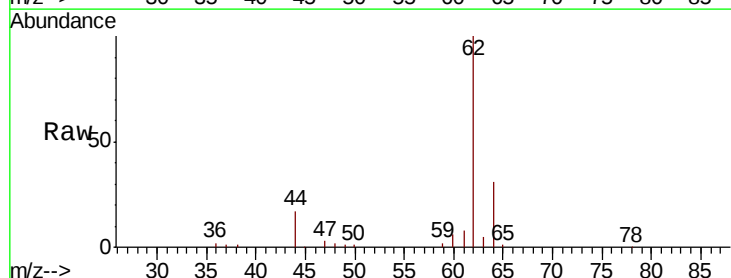
Acq: 21 Sep 2018 15:15

Tgt Ion: 62 Resp: 33562

Ion Ratio Lower Upper

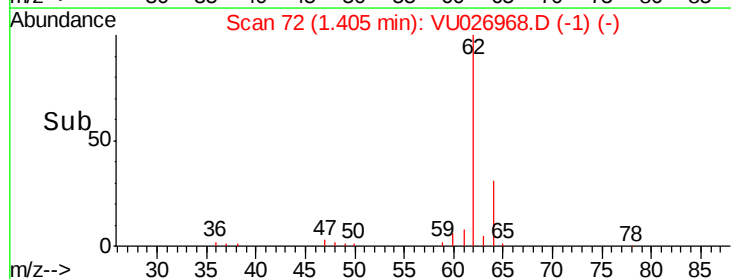
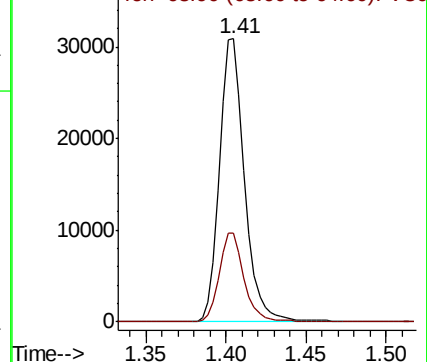
62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

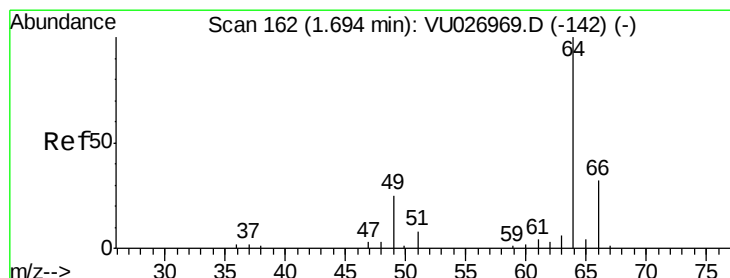
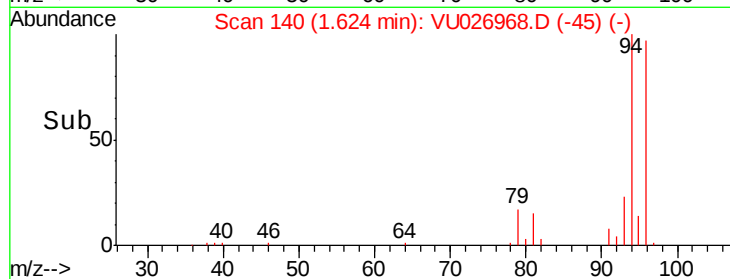
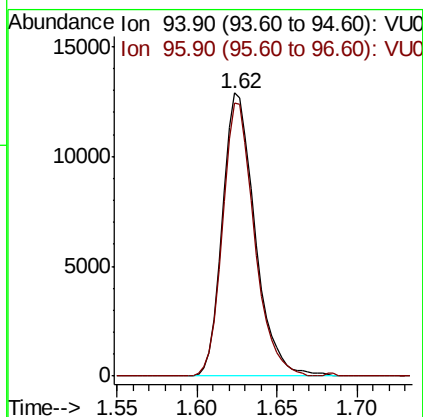
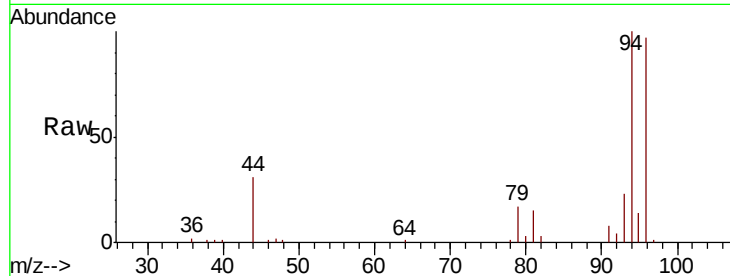




#5
Bromomethane
Concen: 22.048 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

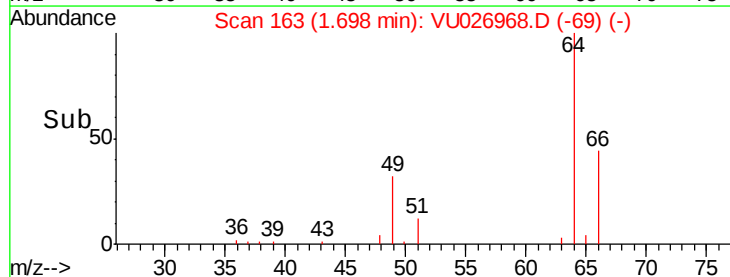
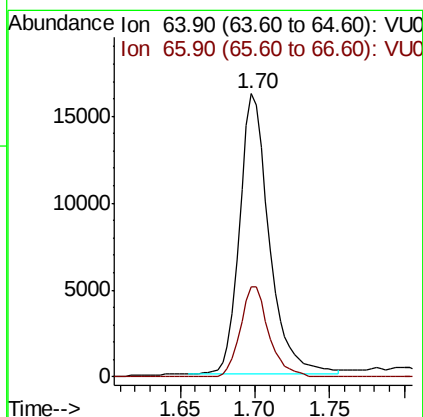
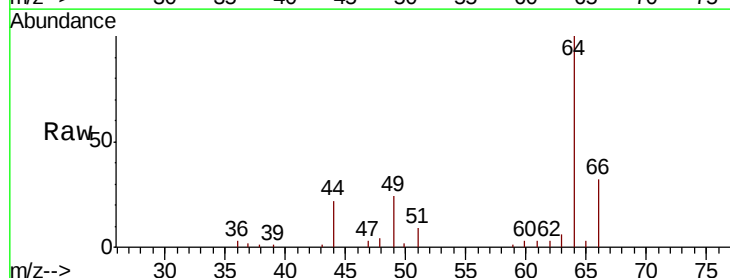
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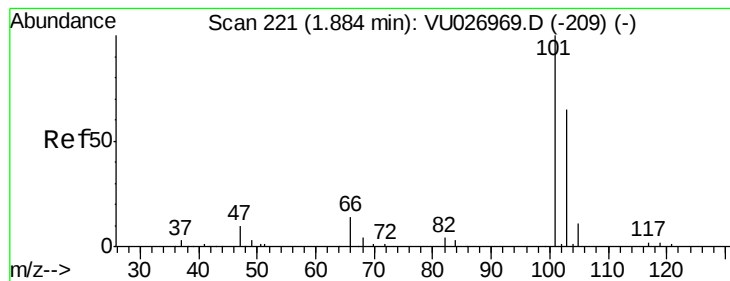
Tgt Ion: 94 Resp: 17892
Ion Ratio Lower Upper
94 100
96 96.7 73.2 109.8



#6
Chloroethane
Concen: 26.490 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 64 Resp: 22390
Ion Ratio Lower Upper
64 100
66 32.0 25.3 37.9



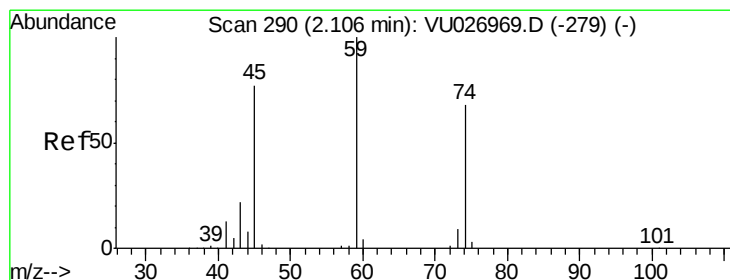
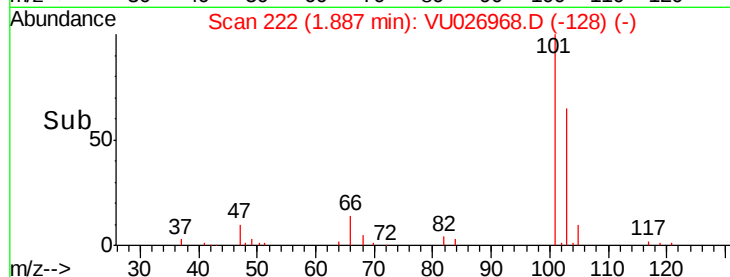
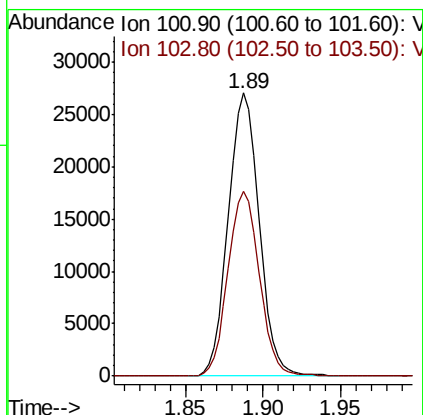
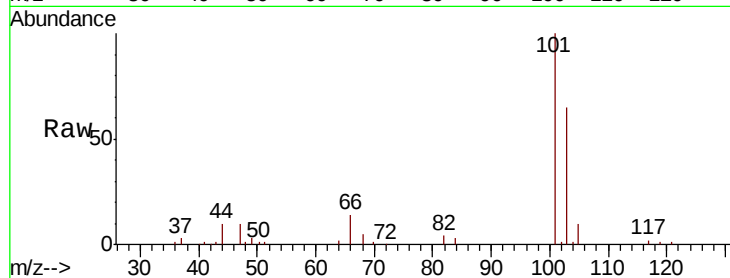


#7

Trichlorofluoromethane
 Concen: 22.222 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Instrument :
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 VSTDIC020

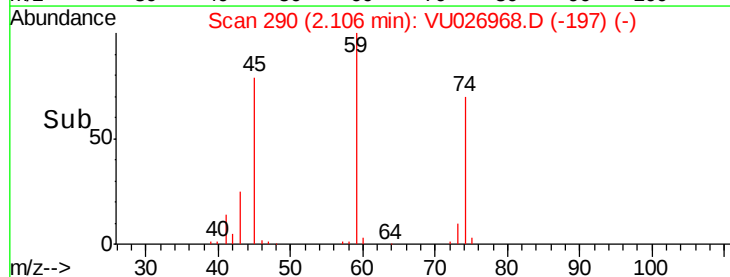
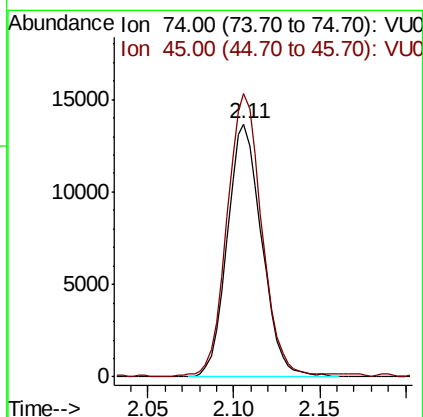
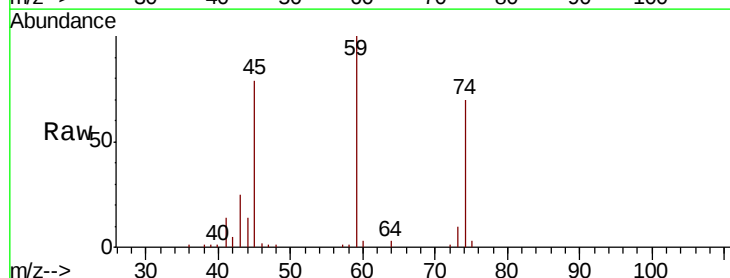
Tgt Ion: 101 Resp: 37440
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.2

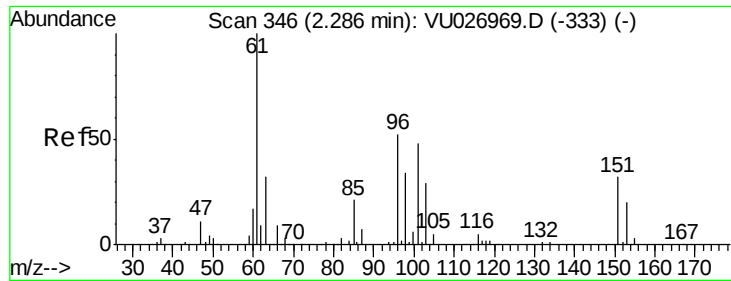


#8

Diethyl Ether
 Concen: 25.199 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 74 Resp: 19040
 Ion Ratio Lower Upper
 74 100
 45 113.8 56.9 170.7

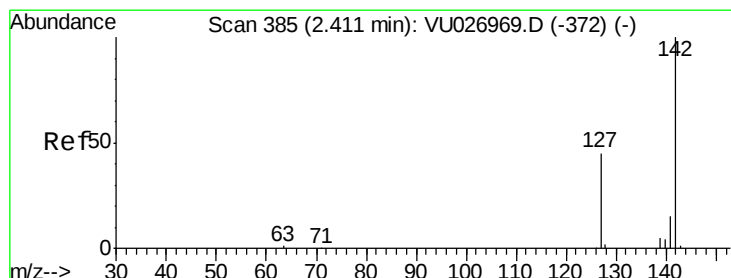
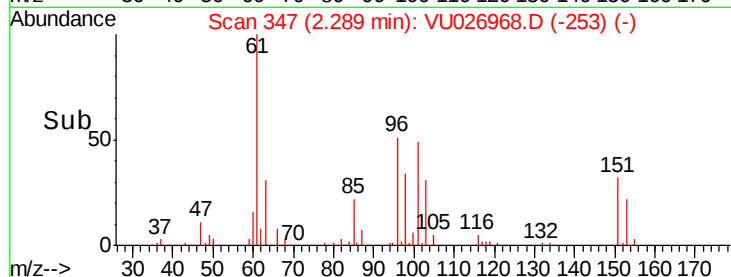
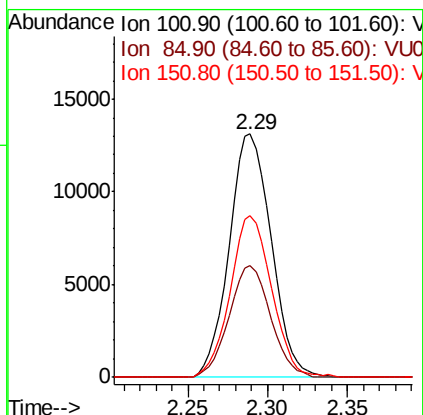
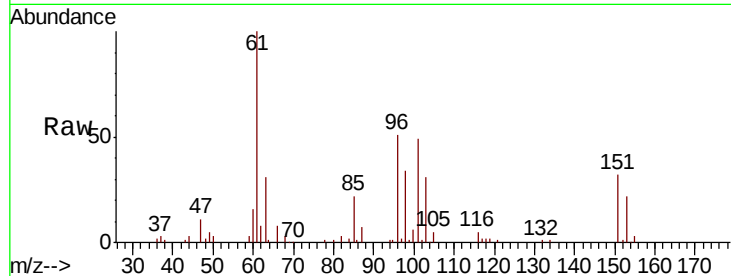




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.383 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

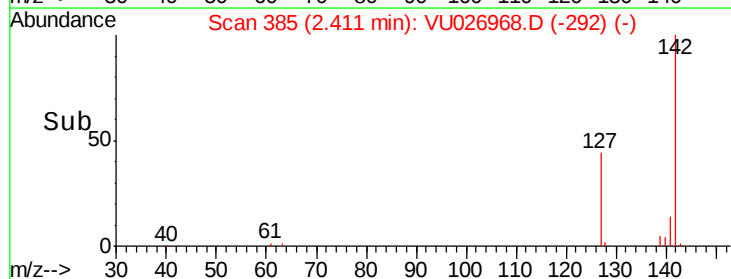
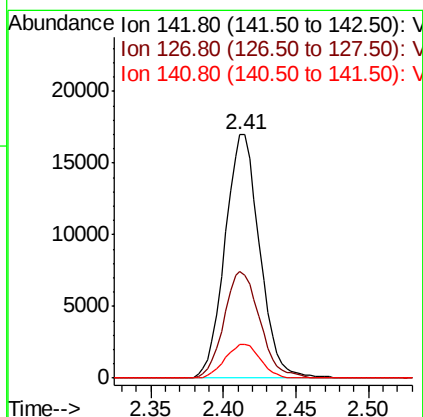
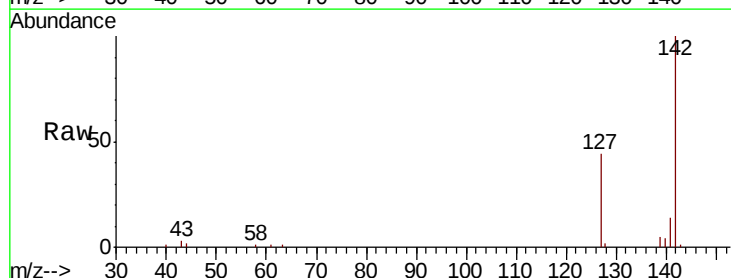
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

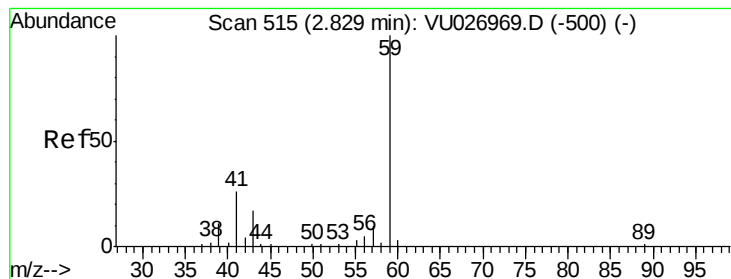
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.2
151	65.5	54.5	81.7



#10
 Methyl Iodide
 Concen: 32.107 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.7	55.1
141	14.0	11.8	17.6



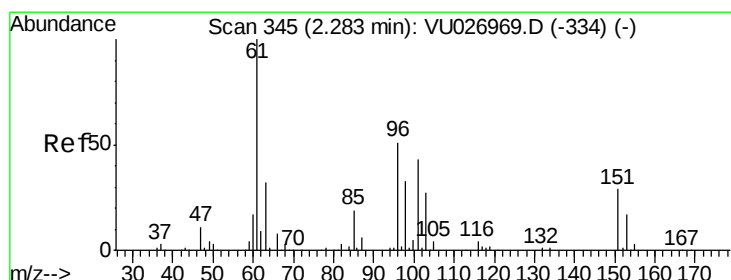
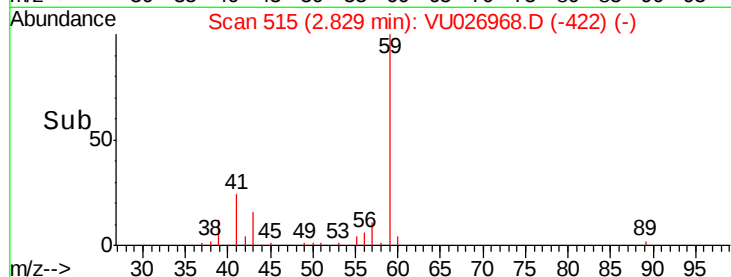
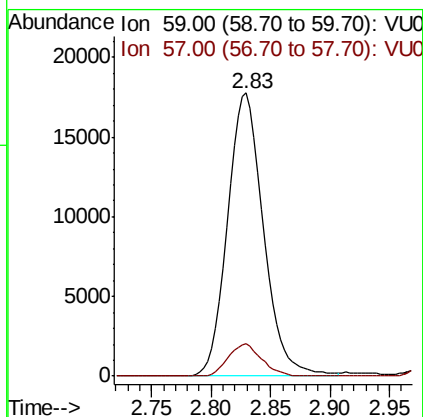
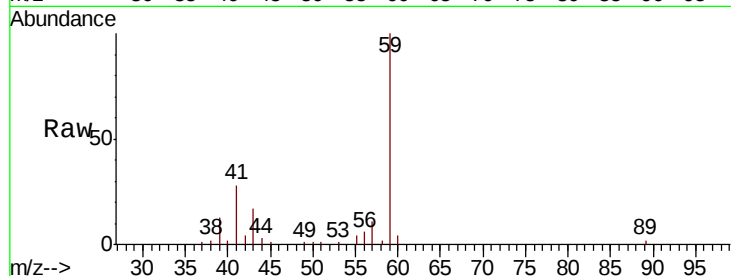


#11

Tert butyl alcohol
 Concen: 118.742 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

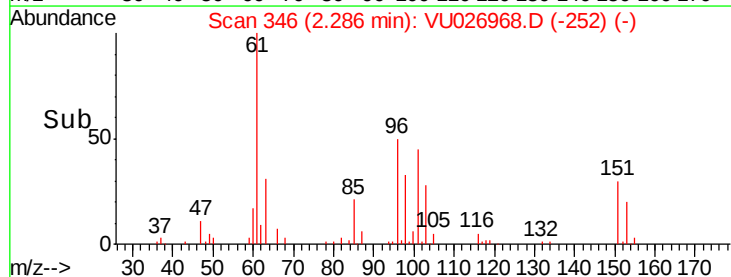
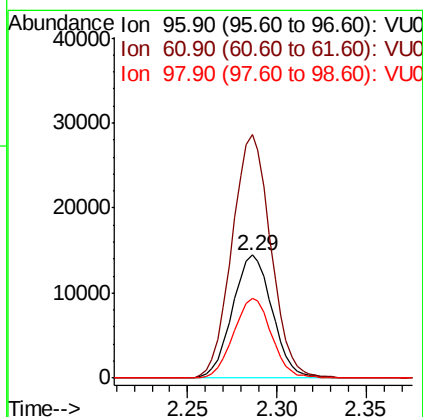
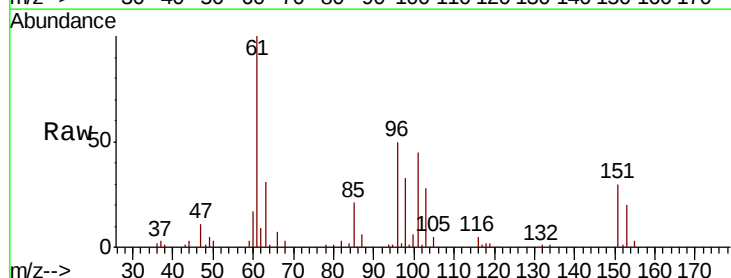
Tgt Ion: 59 Resp: 37250
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

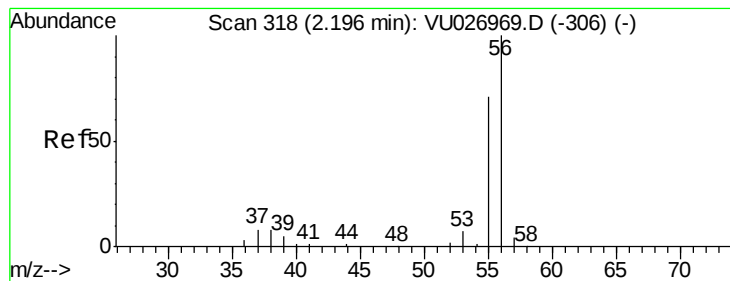


#12

1,1-Dichloroethene
 Concen: 23.529 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 96 Resp: 22416
 Ion Ratio Lower Upper
 96 100
 61 198.4 156.1 234.1
 98 65.5 51.4 77.0





#13

Acrolein

Concen: 104.420 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

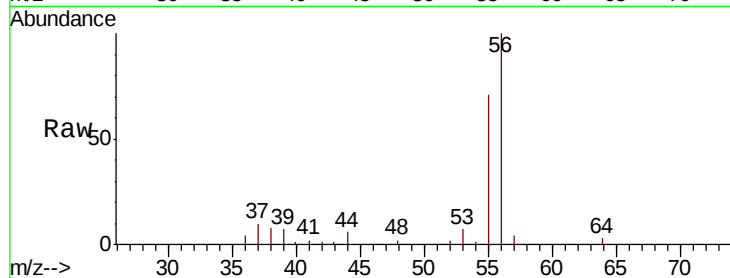
VSTDIC020

Tgt Ion: 56 Resp: 21312

Ion Ratio Lower Upper

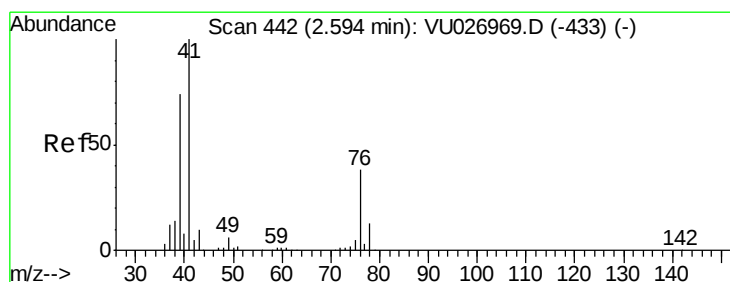
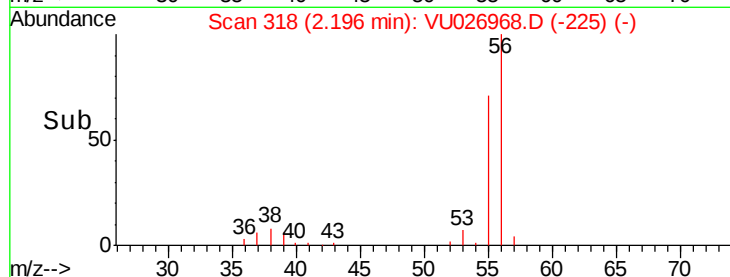
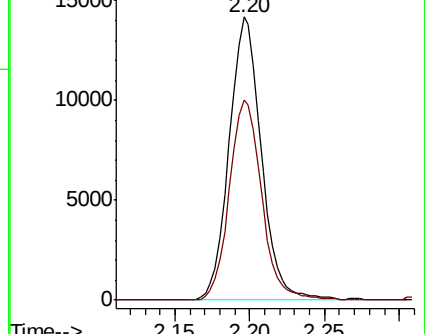
56 100

55 70.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 25.689 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

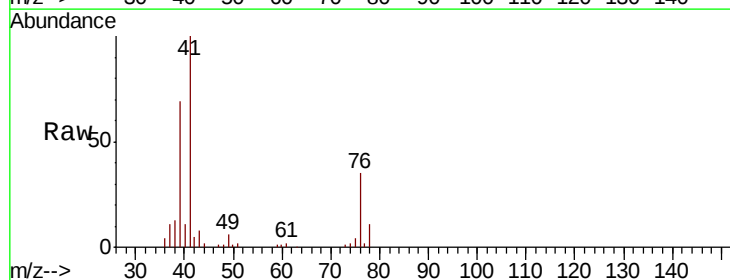
Tgt Ion: 41 Resp: 45612

Ion Ratio Lower Upper

41 100

39 71.1 55.7 83.5

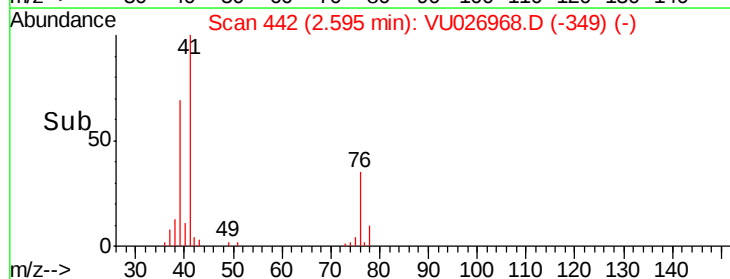
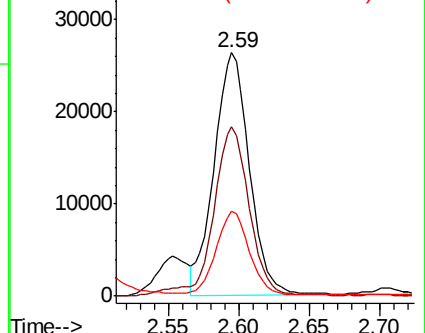
76 32.3 26.5 39.7

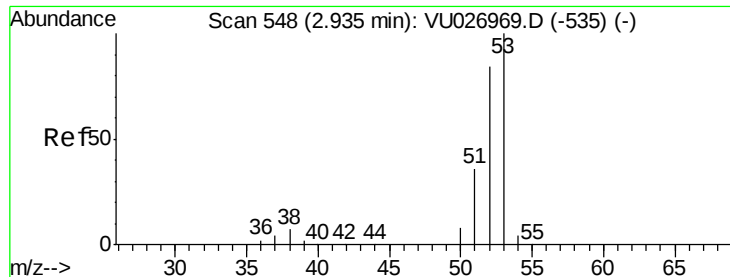


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 138.616 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

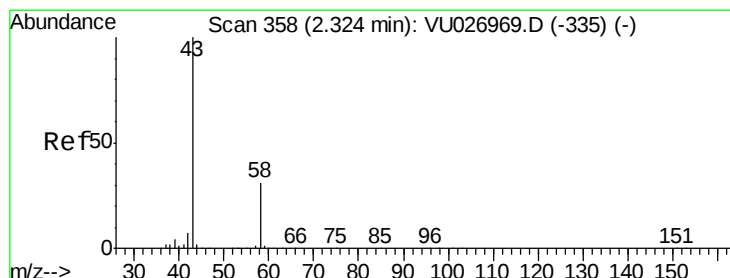
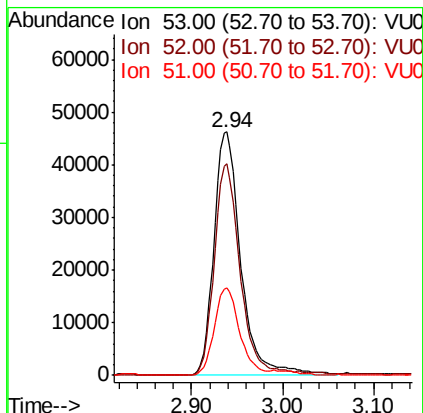
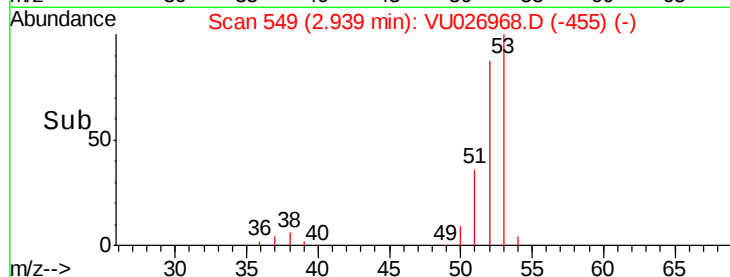
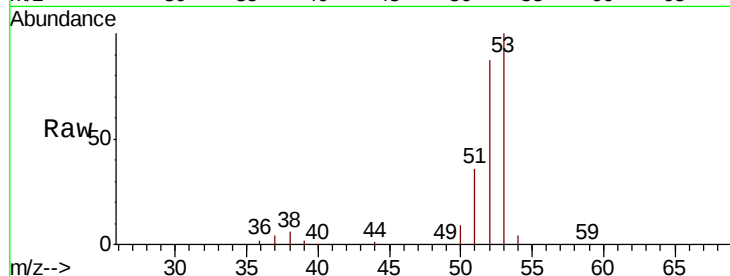
Tgt Ion: 53 Resp: 95191

Ion Ratio Lower Upper

53 100

52 83.0 65.7 98.5

51 33.8 27.4 41.2



#16

Acetone

Concen: 131.542 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026968.D

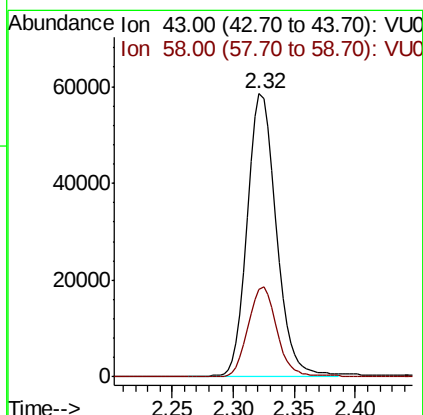
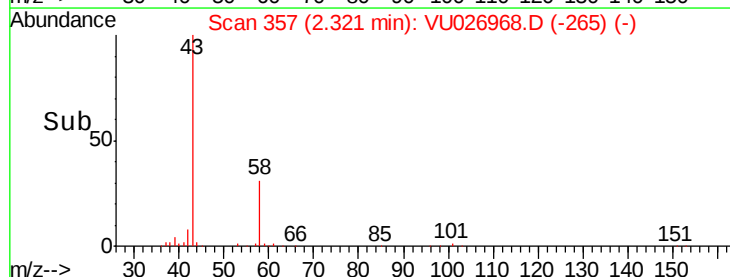
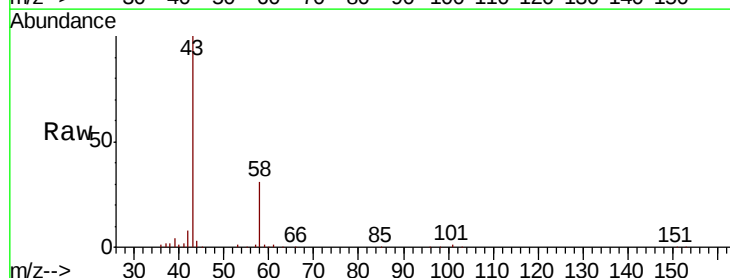
Acq: 21 Sep 2018 15:15

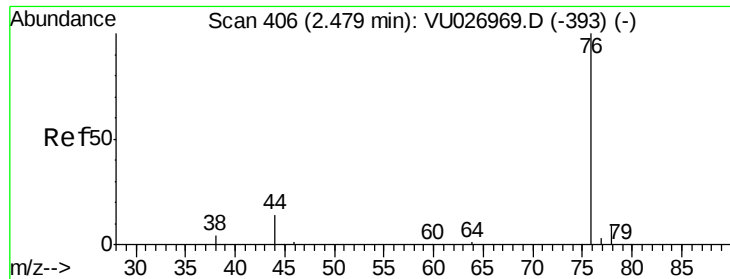
Tgt Ion: 43 Resp: 96333

Ion Ratio Lower Upper

43 100

58 30.7 24.6 36.8

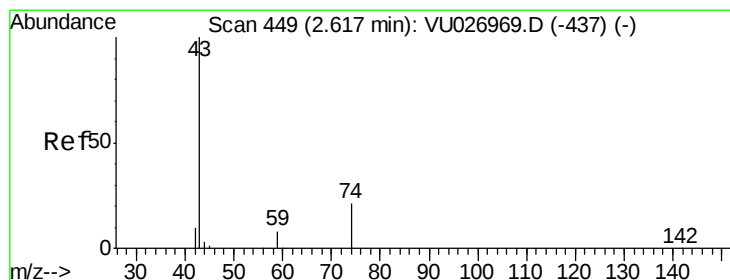
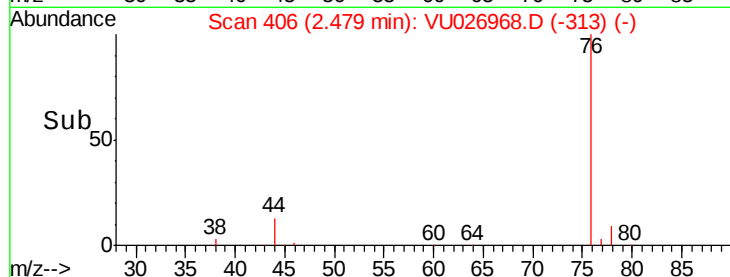
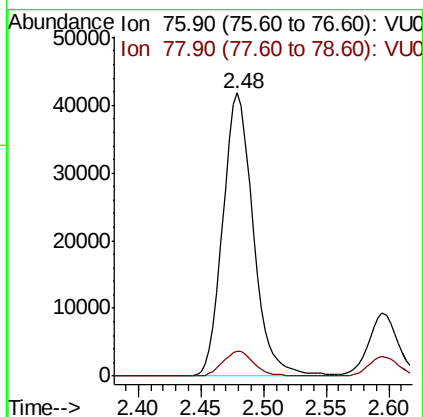
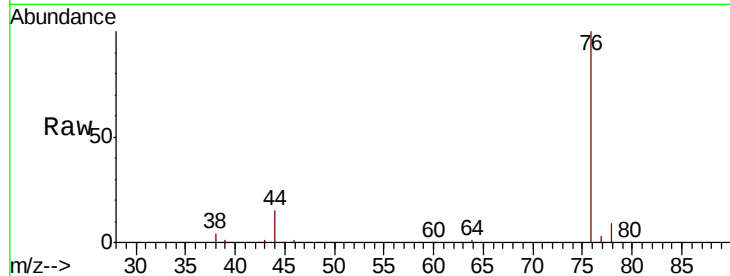




#17
Carbon Disulfide
Concen: 23.117 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

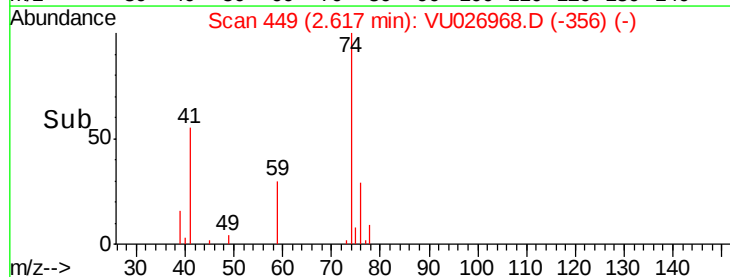
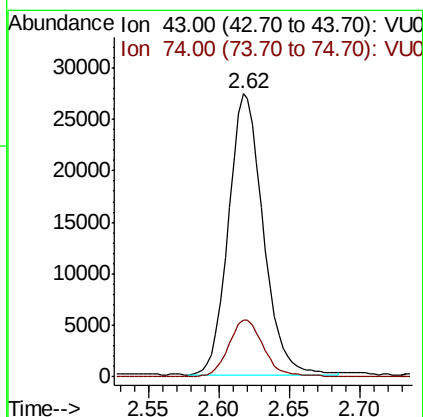
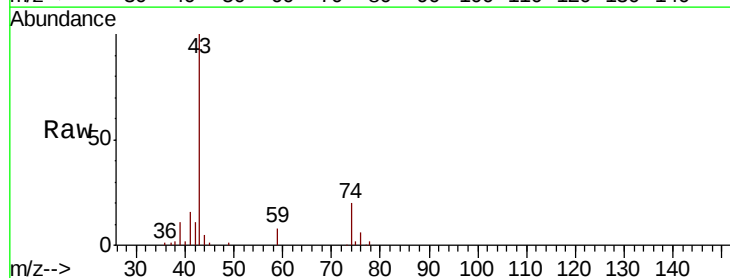
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

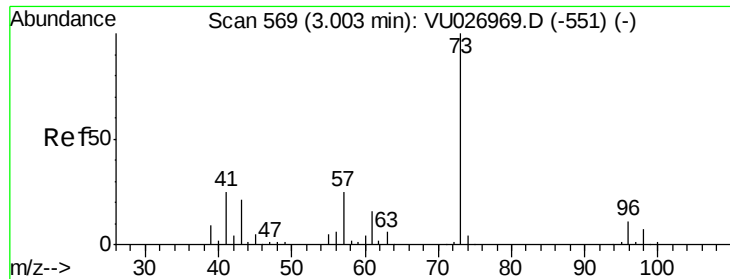
Tgt Ion: 76 Resp: 70536
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 28.889 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 43 Resp: 46960
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0

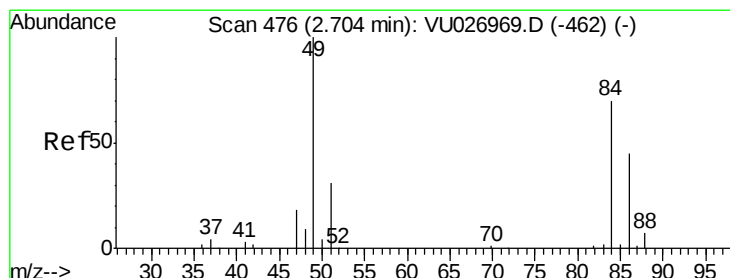
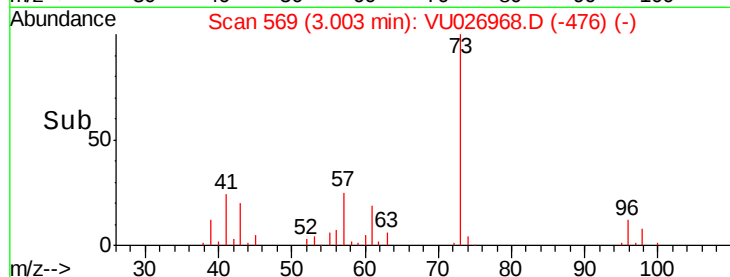
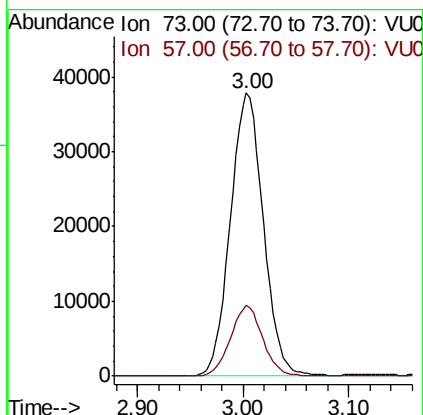
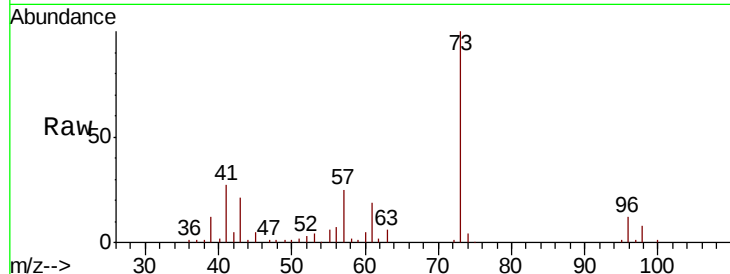




#19
Methyl tert-butyl Ether
Concen: 24.527 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

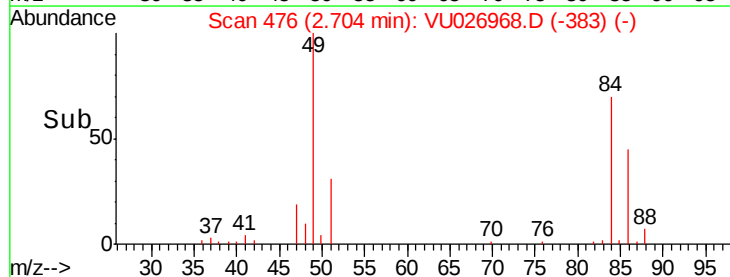
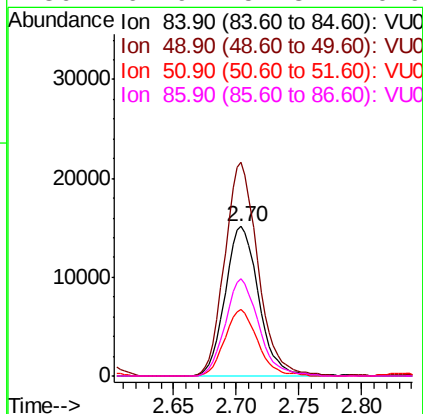
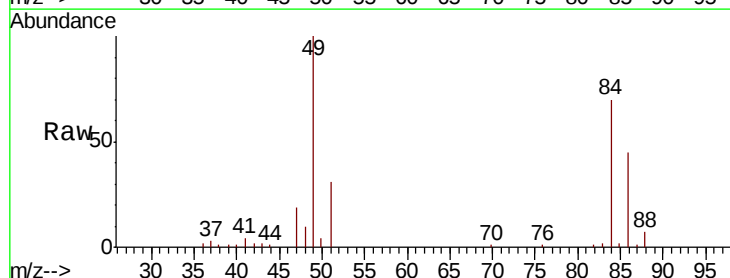
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

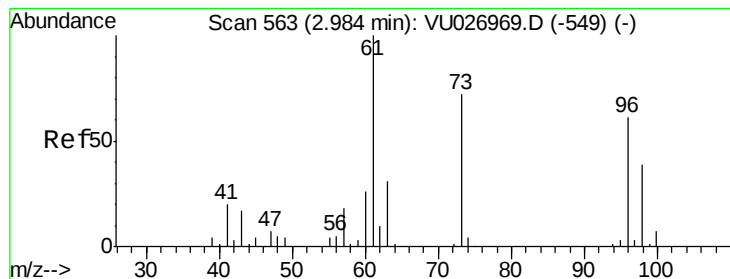
Tgt Ion: 73 Resp: 81991
Ion Ratio Lower Upper
73 100
57 24.8 19.8 29.6



#20
Methylene Chloride
Concen: 24.231 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 84 Resp: 28239
Ion Ratio Lower Upper
84 100
49 142.9 114.9 172.3
51 44.2 35.8 53.8
86 64.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 24.276 ug/l

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

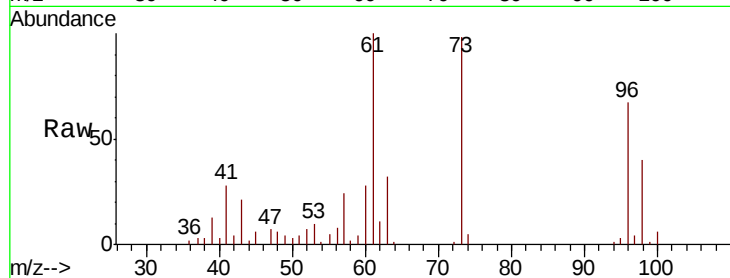
Tgt Ion: 96 Resp: 24551

Ion Ratio Lower Upper

96 100

61 149.1 131.8 197.6

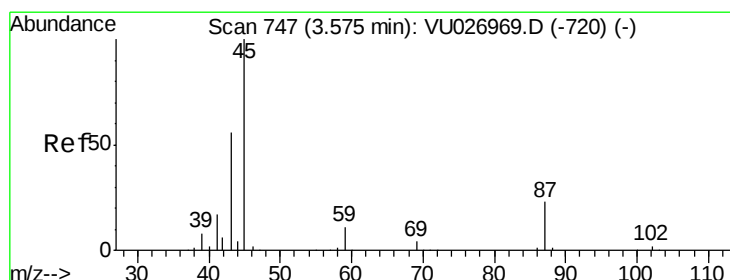
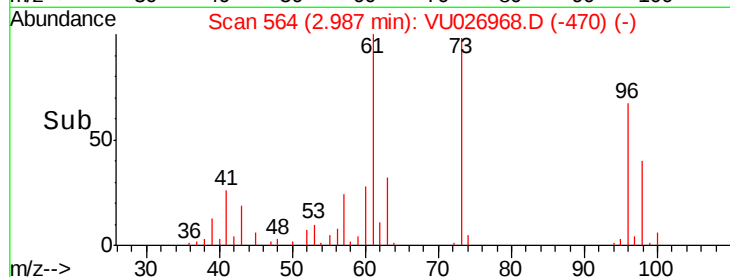
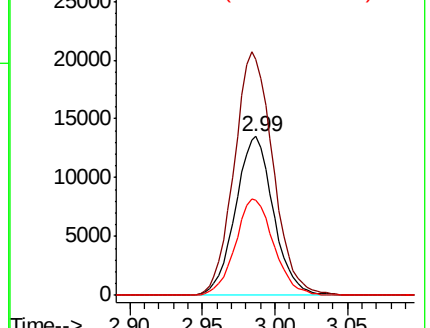
98 60.0 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 26.737 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Tgt Ion: 45 Resp: 99412

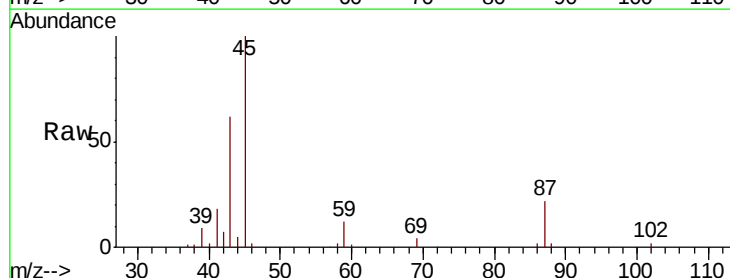
Ion Ratio Lower Upper

45 100

43 58.3 45.8 68.6

87 22.1 18.6 28.0

59 11.7 9.0 13.4

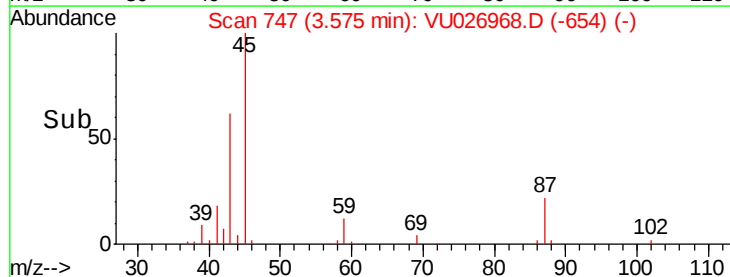
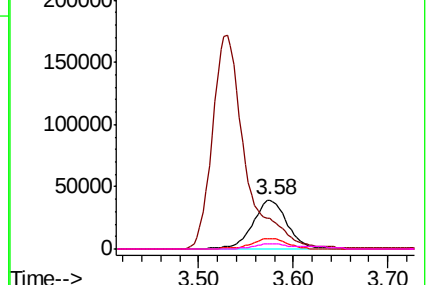


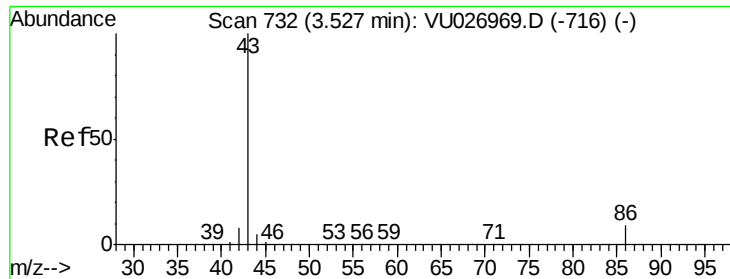
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 133.115 ug/l

RT: 3.53 min Scan# 733

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

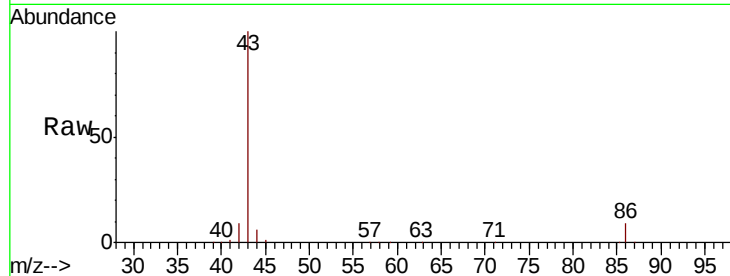
VSTDIC020

Tgt Ion: 43 Resp: 420167

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU026968.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU026968.D (-639) (-)

3.53

200000

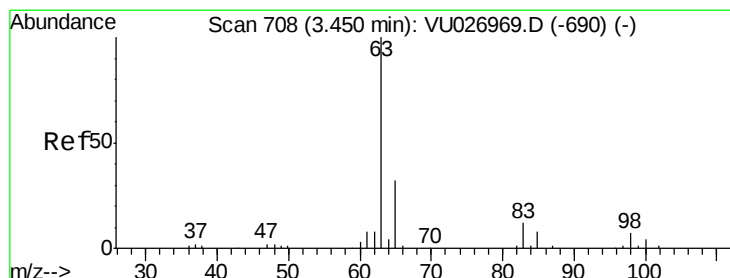
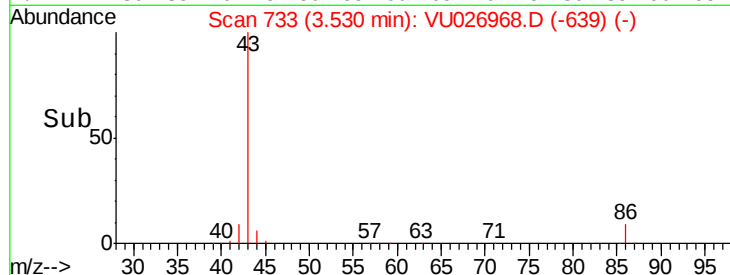
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 25.975 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

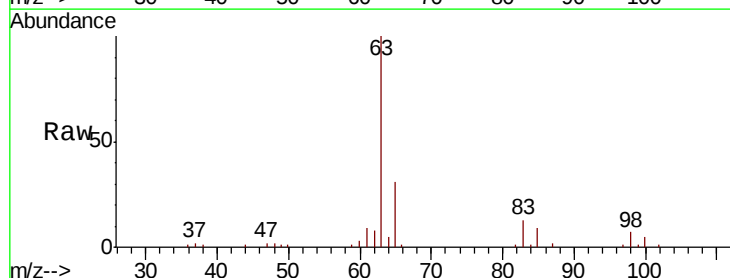
Tgt Ion: 63 Resp: 53786

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026968.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU026968.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU026968.D (-615) (-)

3.45

30000

25000

20000

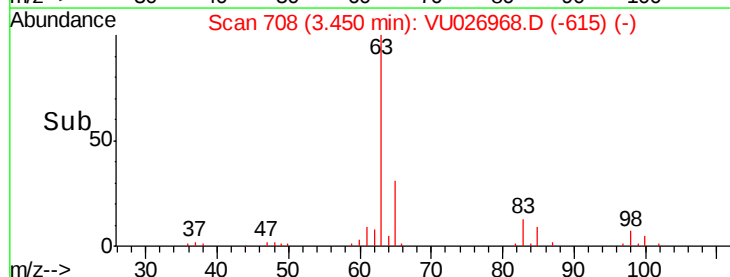
15000

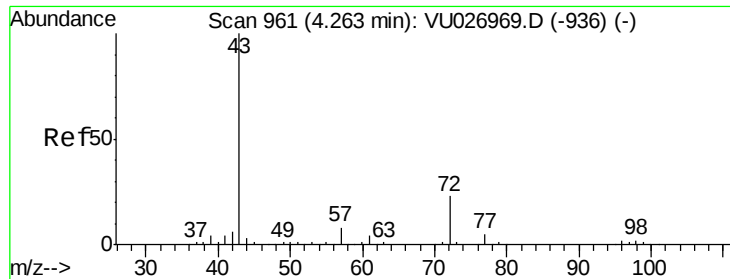
10000

5000

0

Time-->





#25

2-Butanone

Concen: 136.560 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

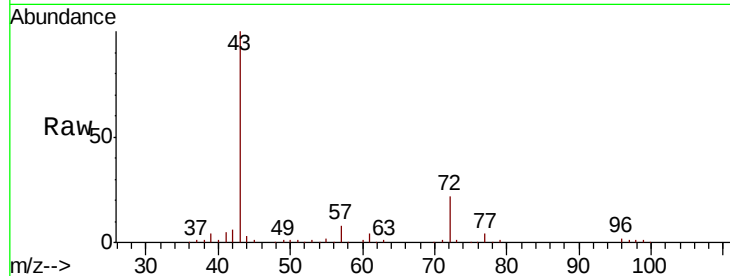
VSTDIC020

Tgt Ion: 43 Resp: 136467

Ion Ratio Lower Upper

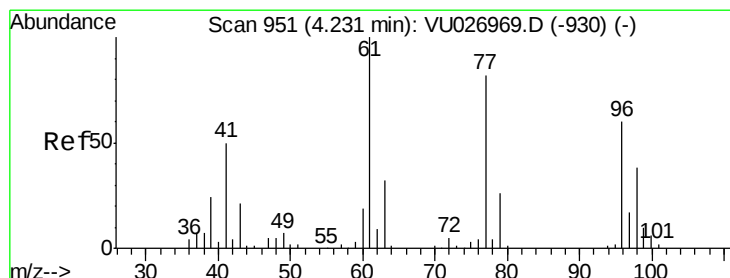
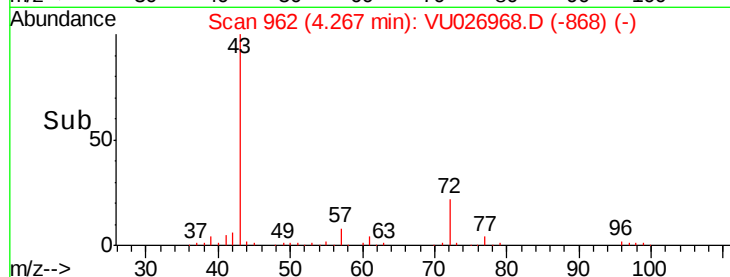
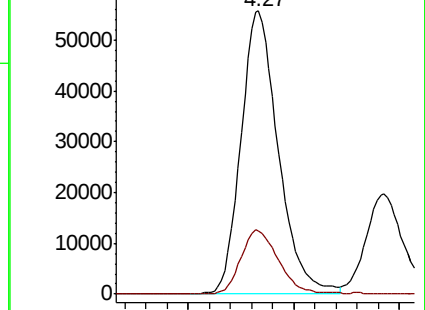
43 100

72 22.4 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) (-)



#26

2,2-Dichloropropane

Concen: 24.712 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026968.D

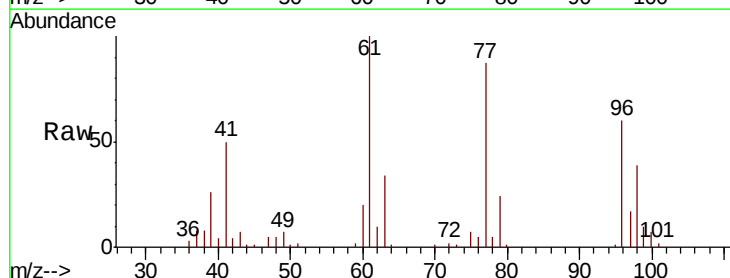
Acq: 21 Sep 2018 15:15

Tgt Ion: 77 Resp: 41562

Ion Ratio Lower Upper

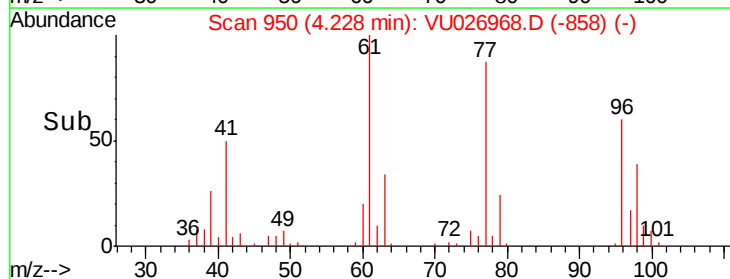
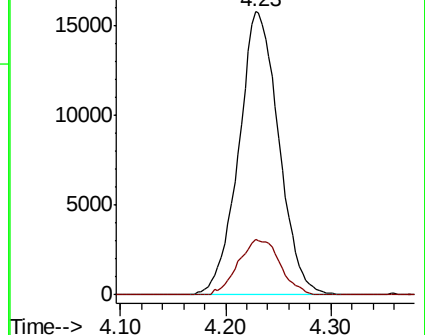
77 100

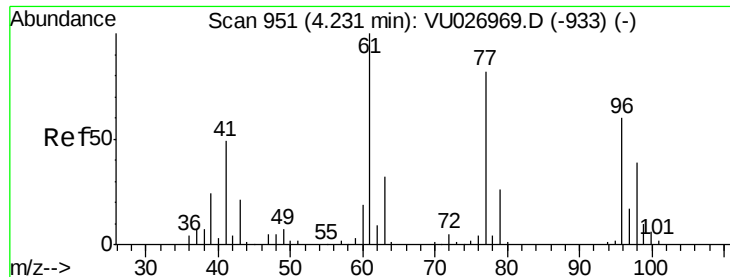
97 20.3 10.5 31.5



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

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



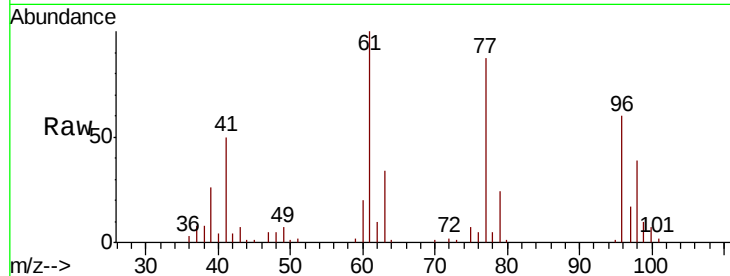


#27

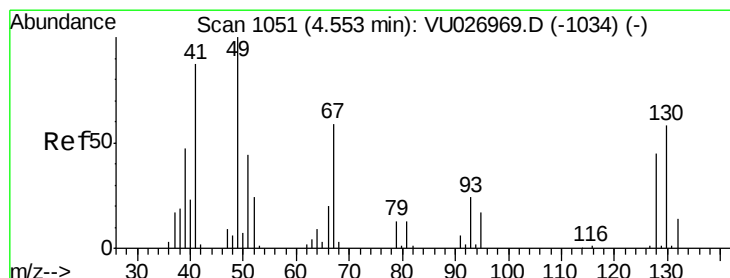
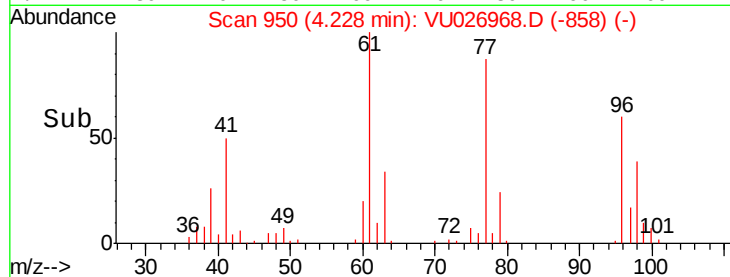
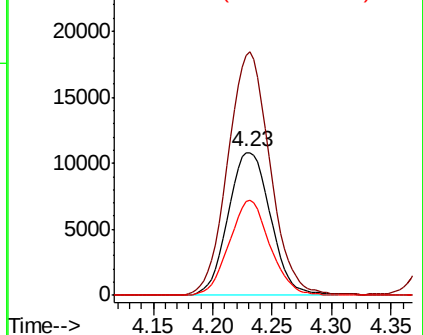
cis-1,2-Dichloroethene
 Concen: 23.079 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 26726
 Ion Ratio Lower Upper
 96 100
 61 169.6 0.0 337.2
 98 64.0 0.0 127.6



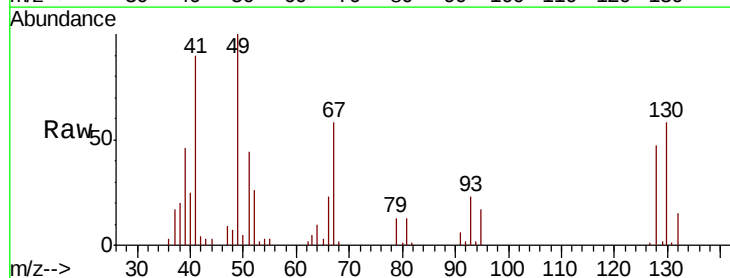
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



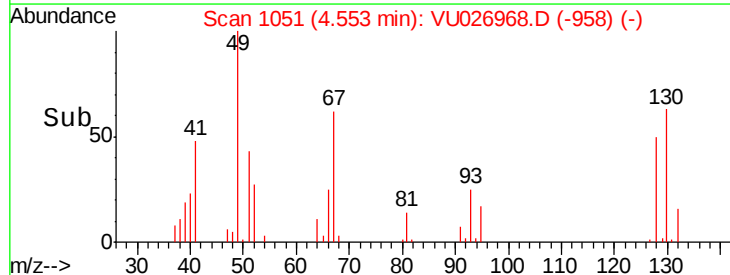
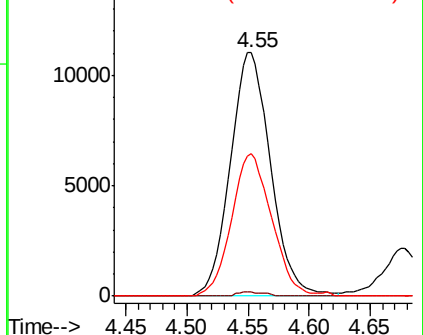
#28

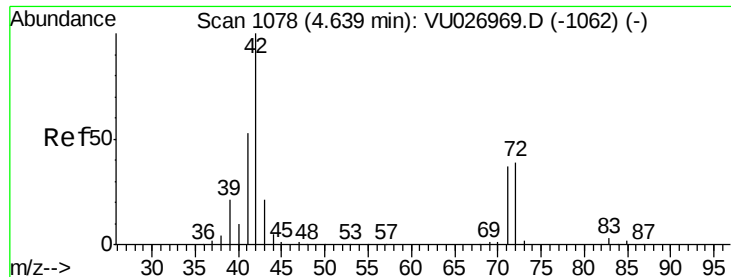
Bromochloromethane
 Concen: 25.315 ug/l
 RT: 4.55 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 49 Resp: 25253
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 57.9 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: 139.629 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

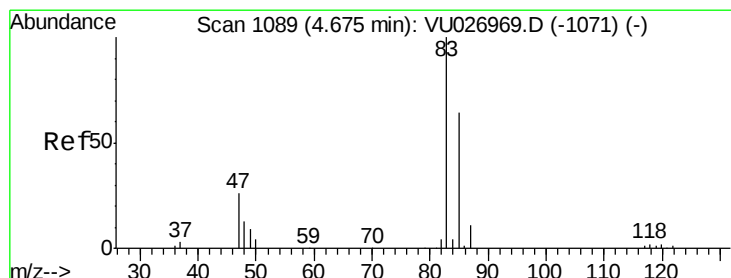
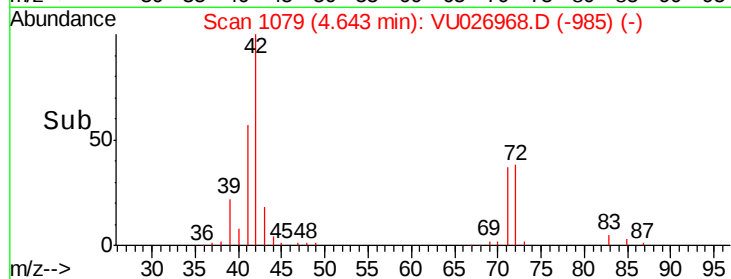
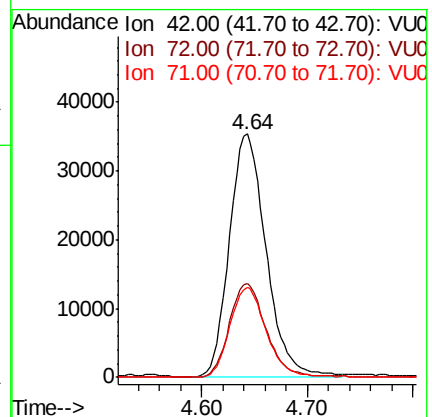
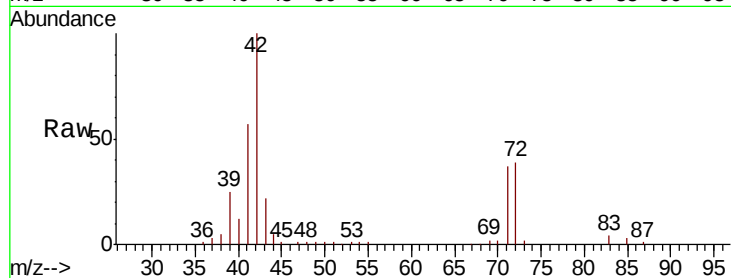
Tgt Ion: 42 Resp: 84942

Ion Ratio Lower Upper

42 100

72 39.2 31.7 47.5

71 36.9 29.6 44.4



#30

Chloroform

Concen: 24.949 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU026968.D

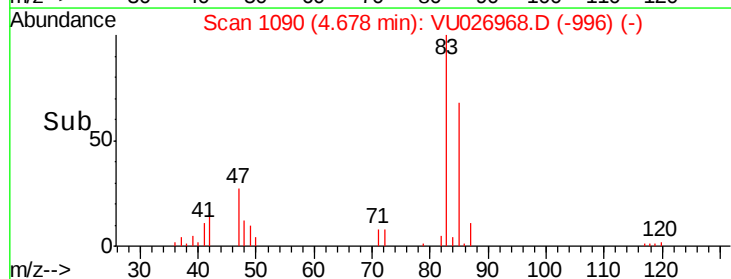
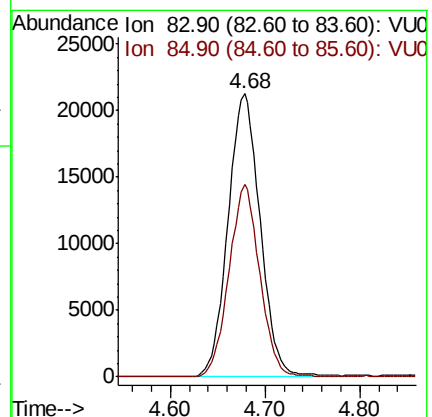
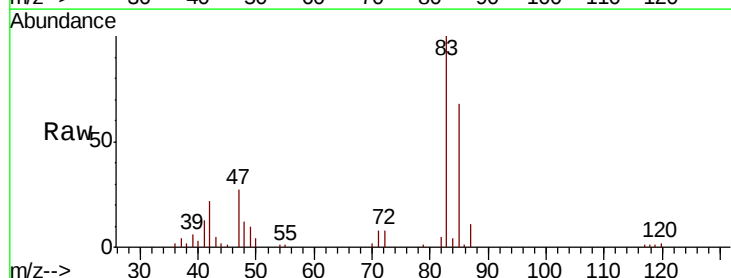
Acq: 21 Sep 2018 15:15

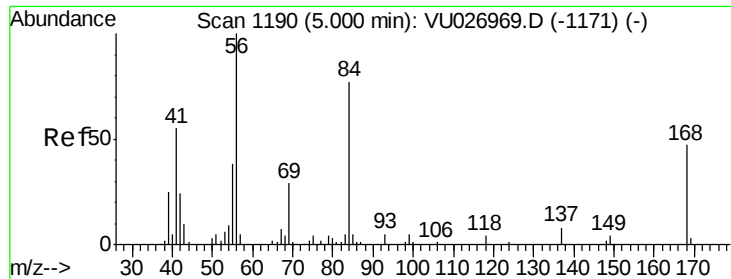
Tgt Ion: 83 Resp: 50233

Ion Ratio Lower Upper

83 100

85 68.0 51.5 77.3

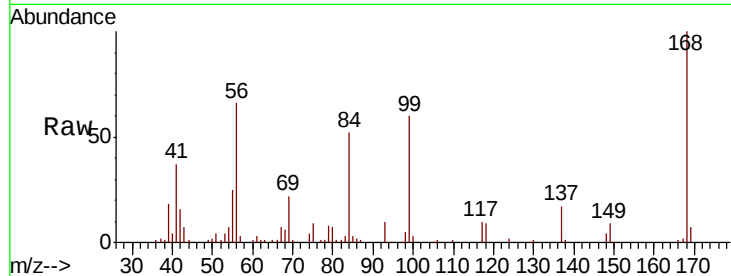




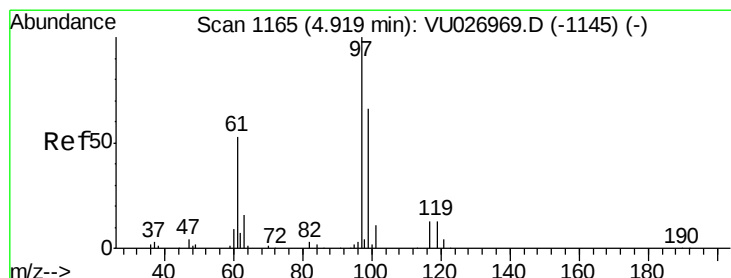
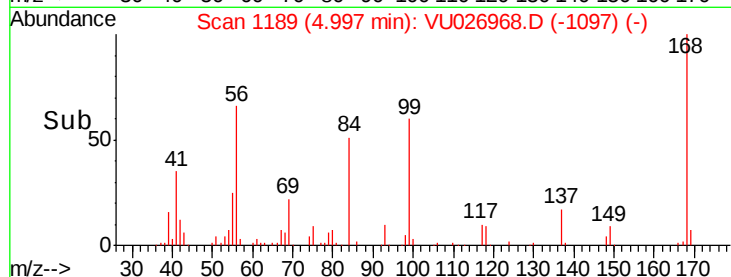
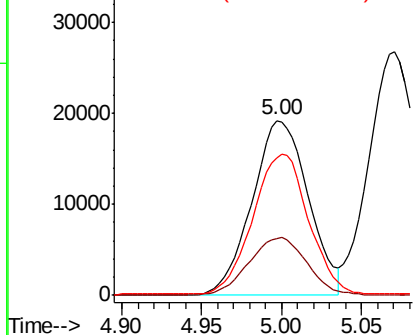
#31
Cyclohexane
Concen: 21.975 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

Tgt Ion: 56 Resp: 46924
Ion Ratio Lower Upper
56 100
69 32.7 23.0 34.4
84 78.1 61.4 92.2

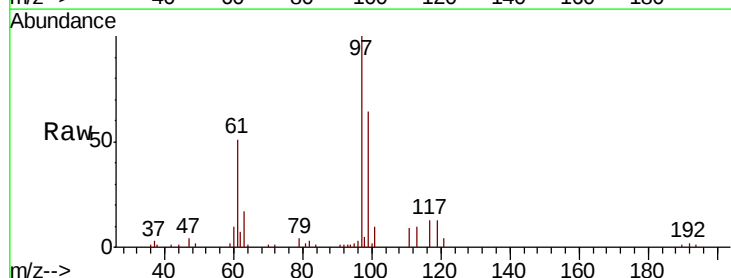


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

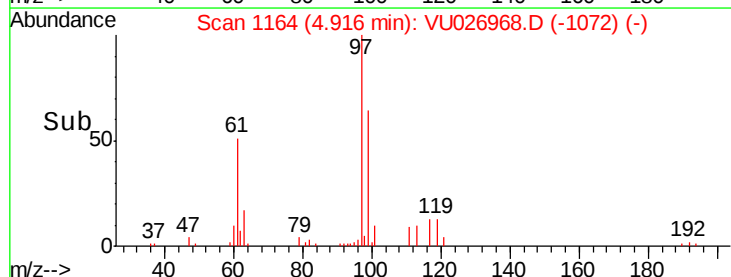
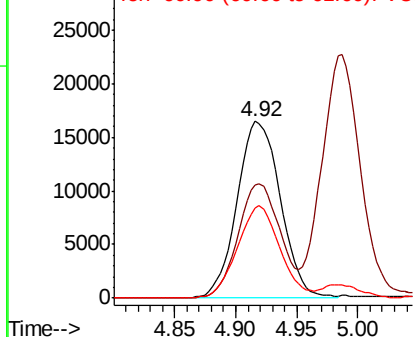


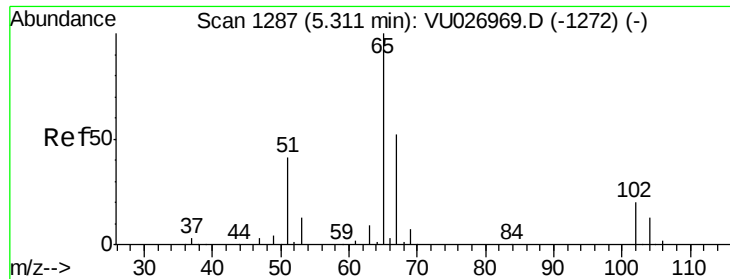
#32
1,1,1-Trichloroethane
Concen: 24.615 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 97 Resp: 40699
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 51.0 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

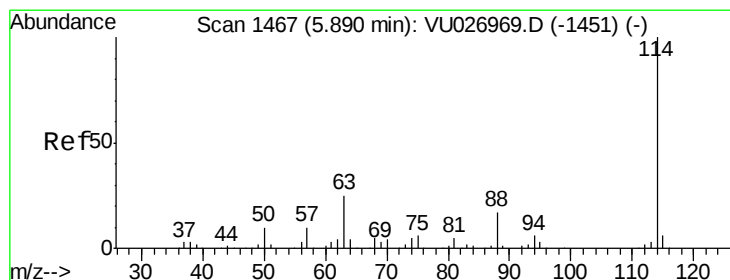
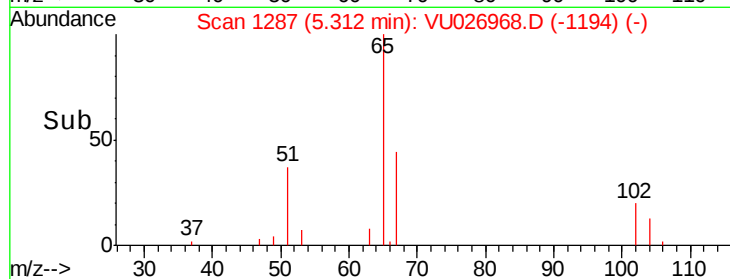
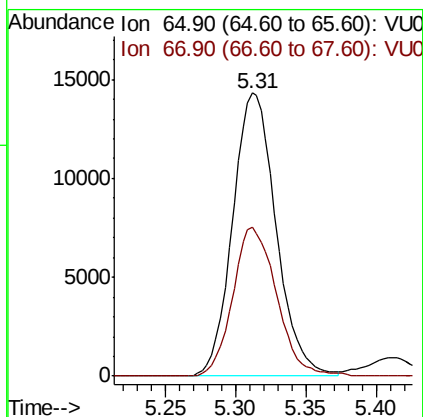
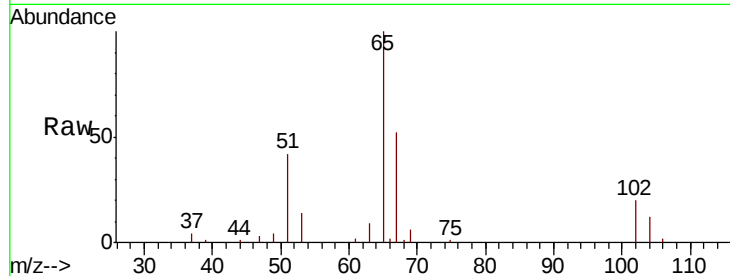




#33
 1,2-Dichloroethane-d4
 Concen: 23.695 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

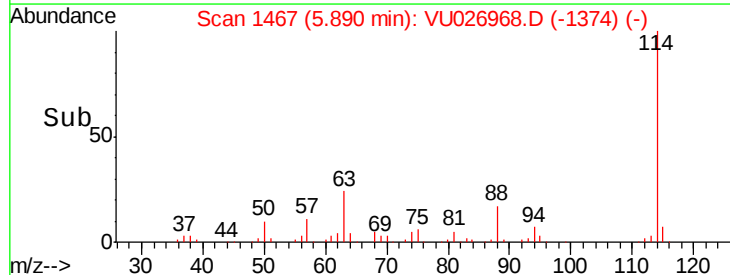
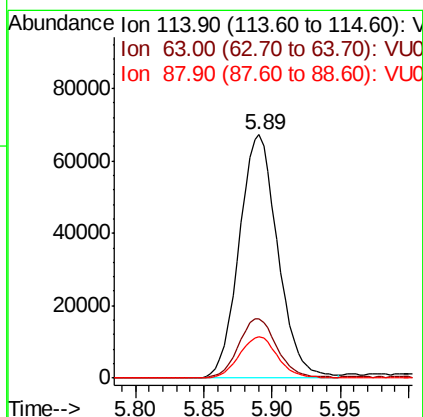
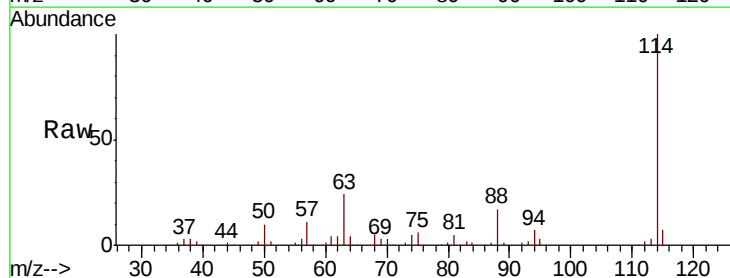
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 65 Resp: 30868
 Ion Ratio Lower Upper
 65 100
 67 53.0 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: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 114 Resp: 132281
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.1 0.0 33.8

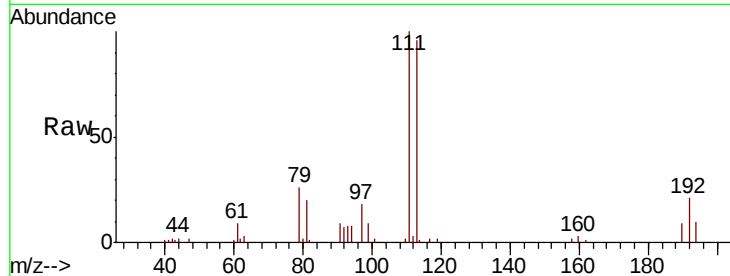




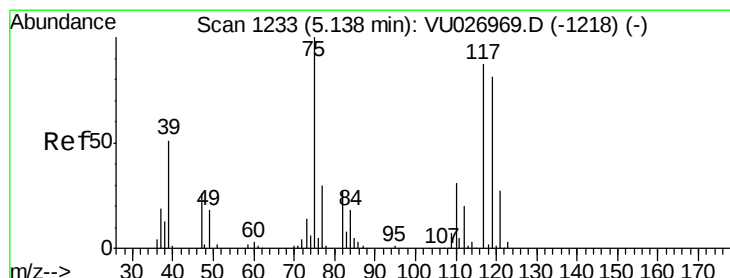
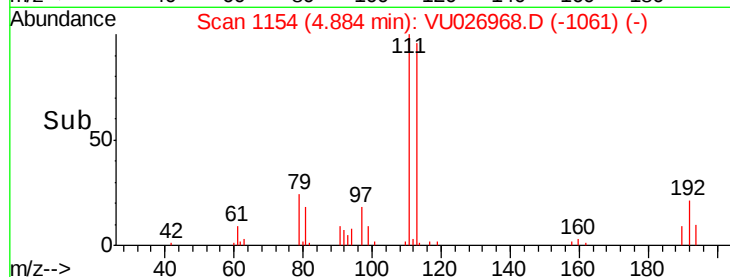
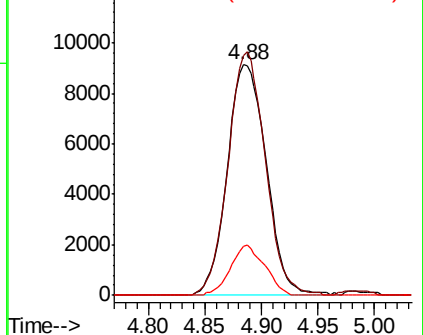
#35
 Dibromofluoromethane
 Concen: 20.009 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 113 Resp: 21975
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.2 123.4
 192 19.0 15.2 22.8

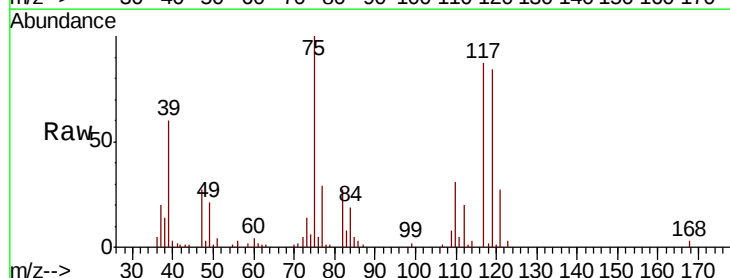


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

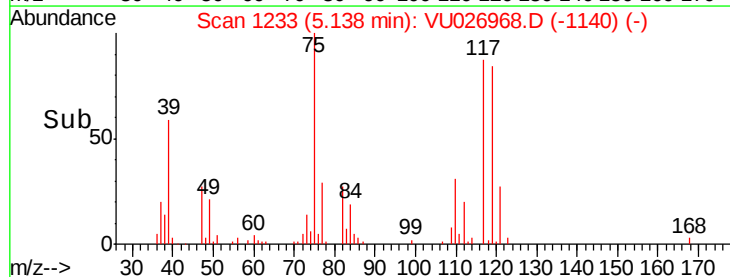
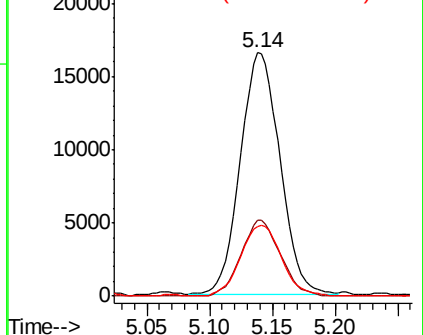


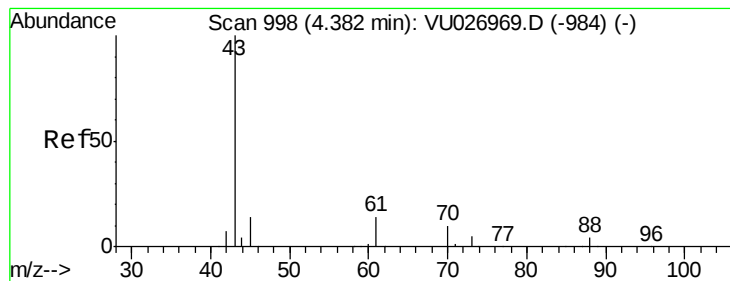
#36
 1,1-Dichloropropene
 Concen: 23.700 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 75 Resp: 36201
 Ion Ratio Lower Upper
 75 100
 110 31.0 16.1 48.2
 77 30.3 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: 24.732 ug/l

RT: 4.39 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

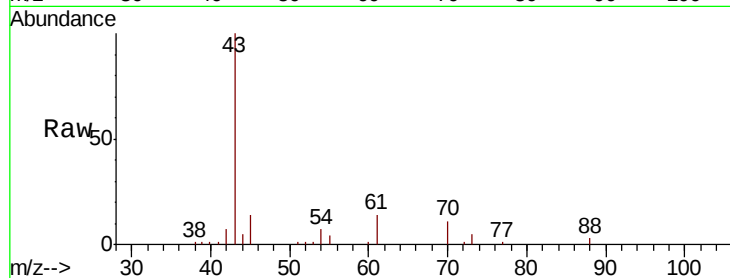
Tgt Ion: 43 Resp: 46655

Ion Ratio Lower Upper

43 100

61 14.9 10.5 15.7

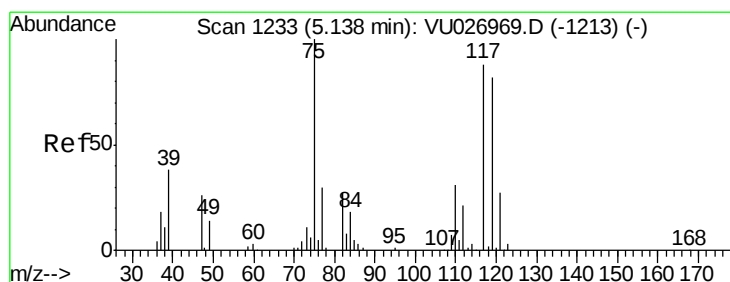
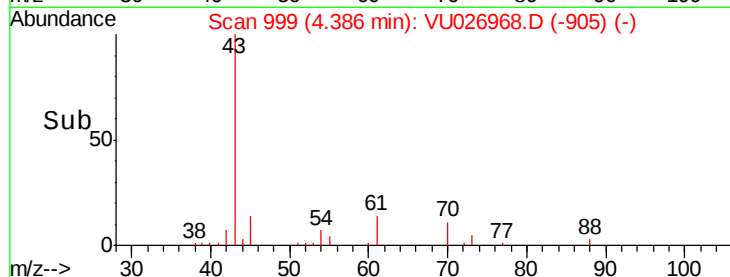
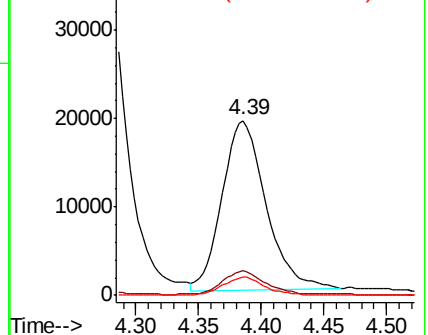
70 10.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)



#38

Carbon Tetrachloride

Concen: 21.850 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

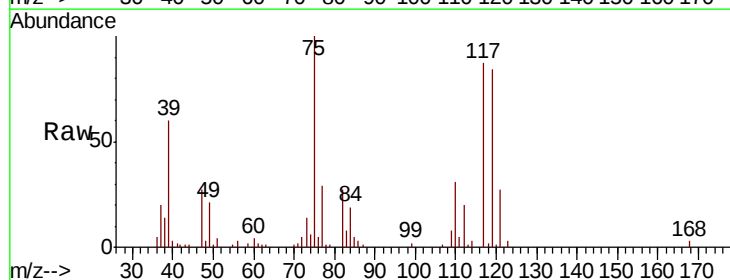
Tgt Ion: 117 Resp: 34719

Ion Ratio Lower Upper

117 100

119 95.9 74.4 111.6

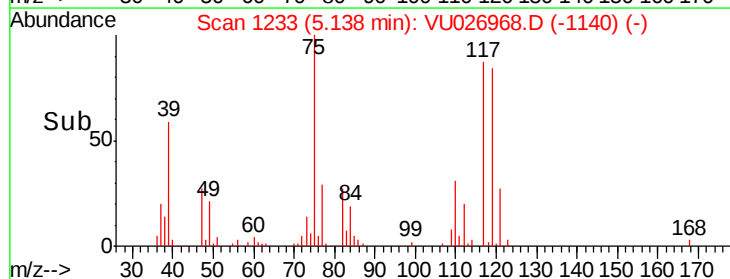
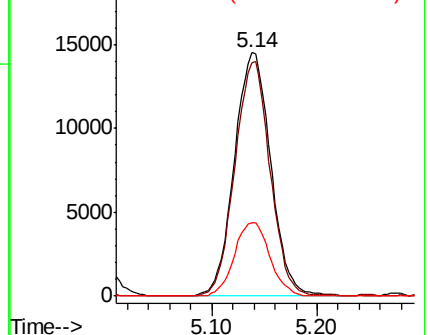
121 30.4 24.2 36.4

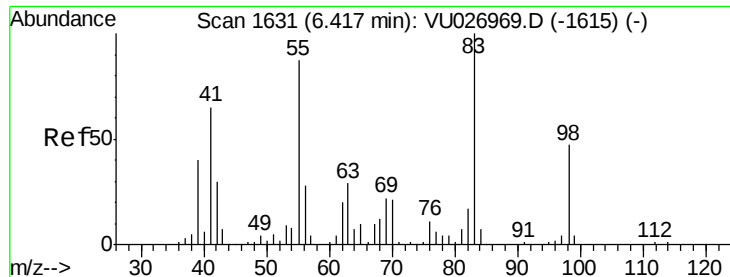


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

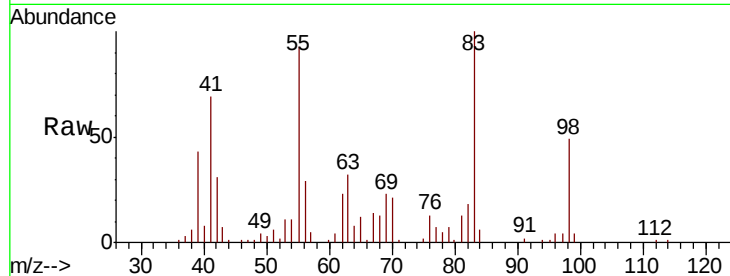




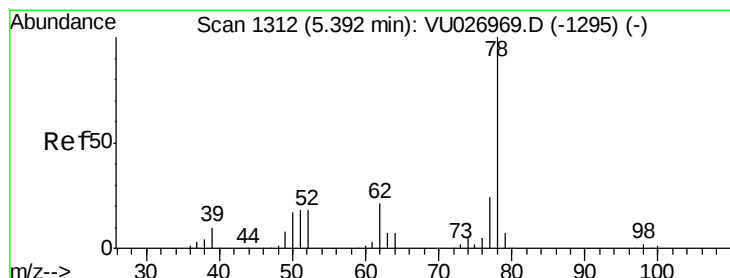
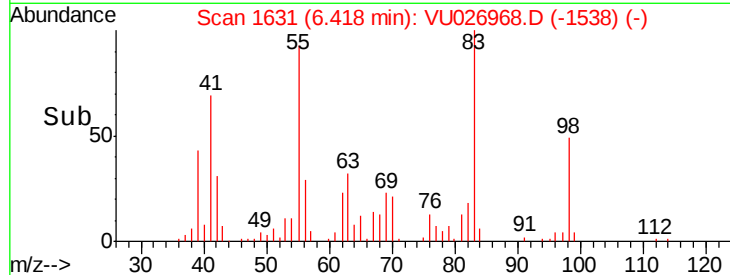
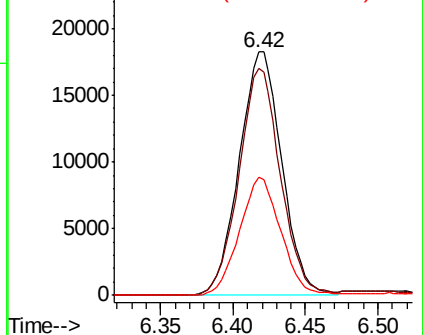
#39
Methylcyclohexane
Concen: 20.736 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 37307
Ion Ratio Lower Upper
83 100
55 93.3 69.9 104.9
98 48.6 37.5 56.3

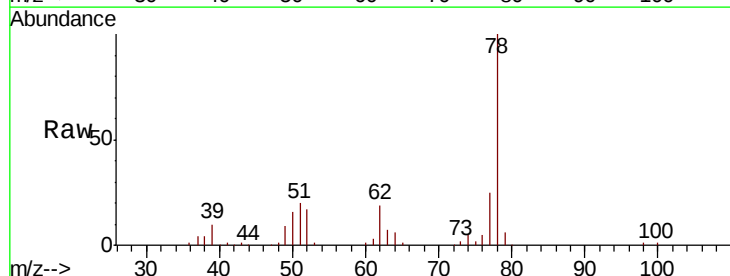


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

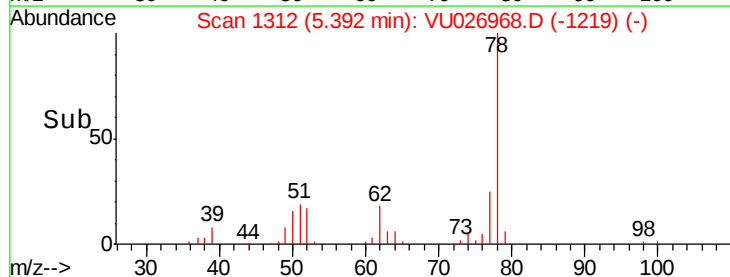
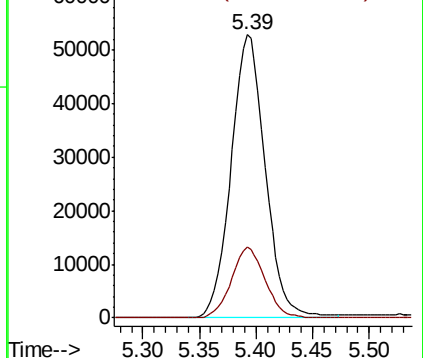


#40
Benzene
Concen: 23.569 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 78 Resp: 111353
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0



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

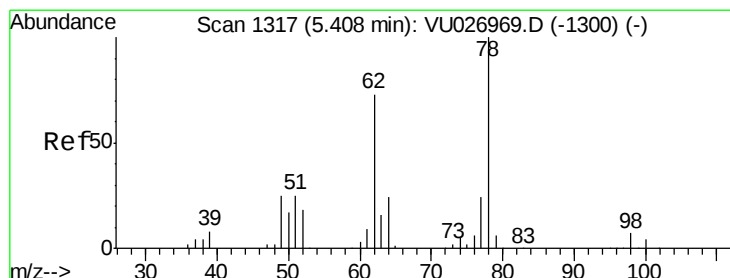
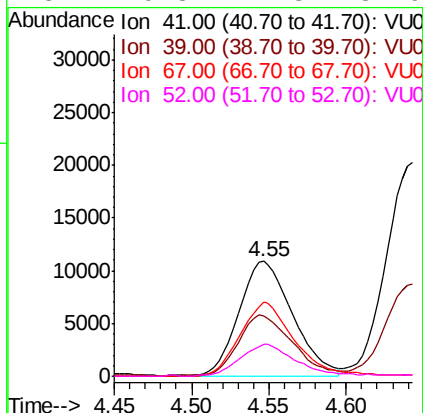
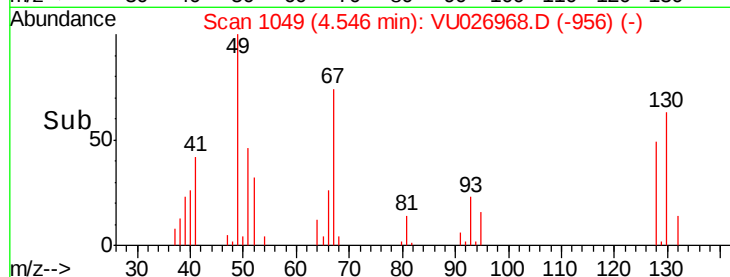
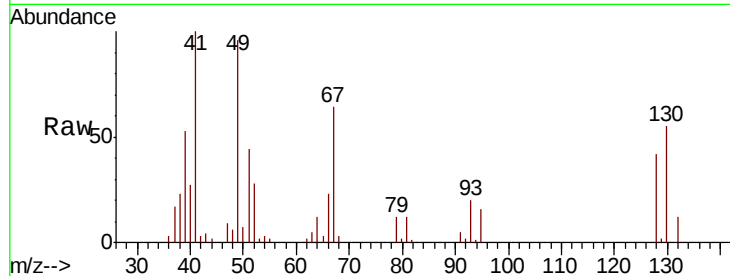




#41
Methacrylonitrile
Concen: 26.878 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

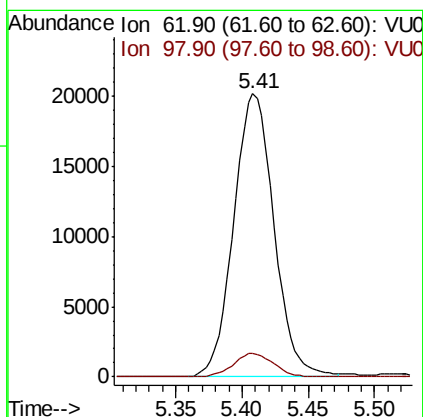
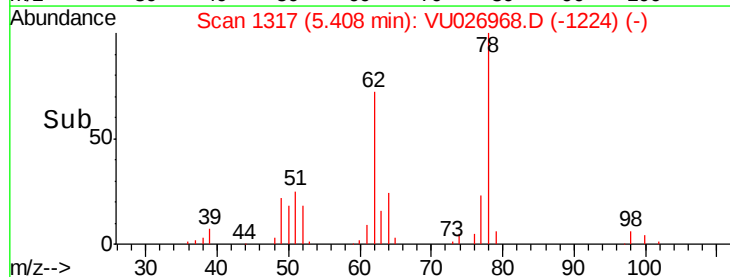
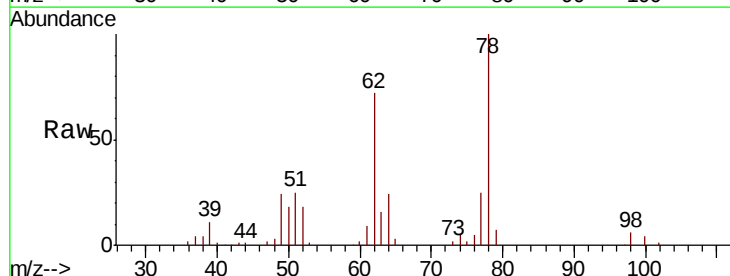
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 26423
Ion Ratio Lower Upper
41 100
39 54.0 42.9 64.3
67 64.4 52.4 78.6
52 29.3 21.3 31.9



#42
1,2-Dichloroethane
Concen: 24.953 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 62 Resp: 42736
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.0





#43

Isopropyl Acetate

Concen: 25.293 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

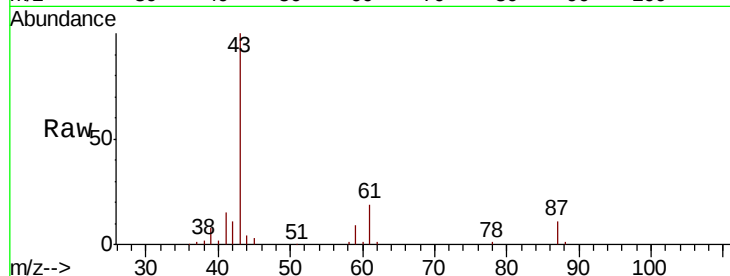
Tgt Ion: 43 Resp: 72083

Ion Ratio Lower Upper

43 100

61 18.7 15.7 23.5

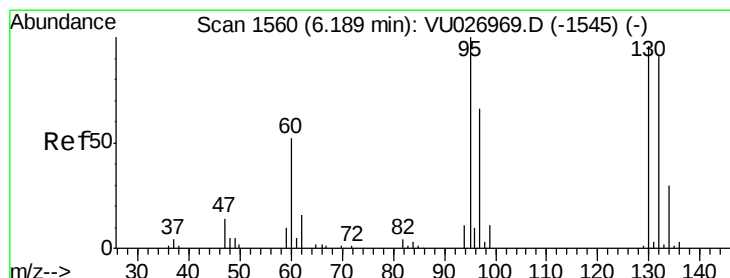
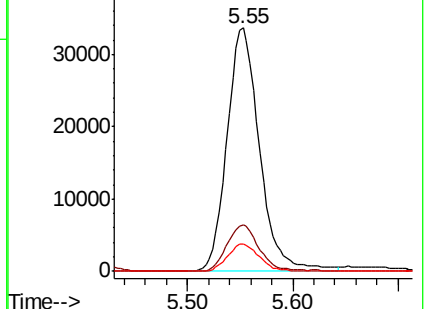
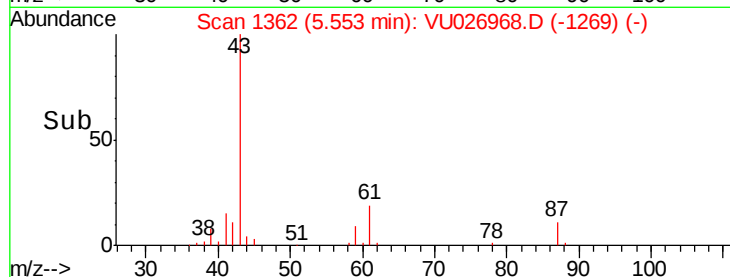
87 10.9 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026968.D (-1269) (-)

Ion 61.00 (60.70 to 61.70): VU026968.D (-1269) (-)

Ion 87.00 (86.70 to 87.70): VU026968.D (-1269) (-)



#44

Trichloroethene

Concen: 20.688 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026968.D

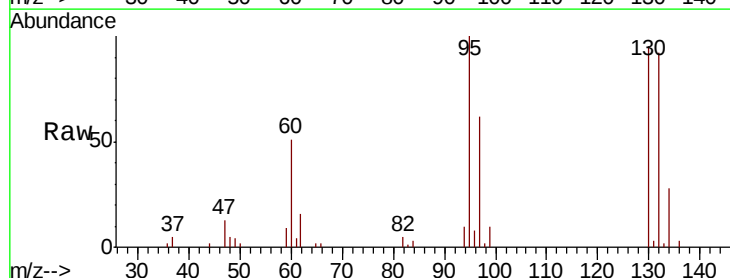
Acq: 21 Sep 2018 15:15

Tgt Ion: 130 Resp: 23630

Ion Ratio Lower Upper

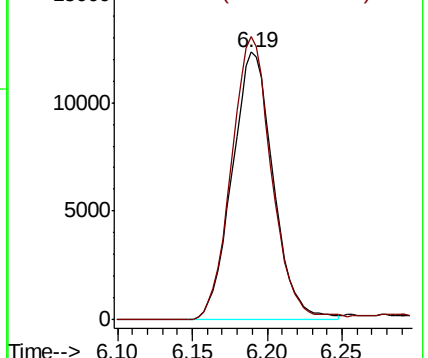
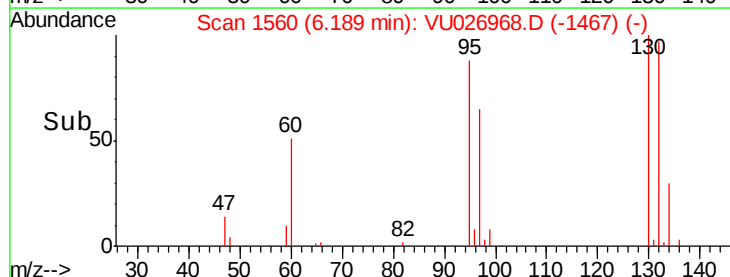
130 100

95 105.7 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026968.D (-1467) (-)

Ion 94.90 (94.60 to 95.60): VU026968.D (-1467) (-)





#45

1,2-Dichloropropane

Concen: 24.513 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

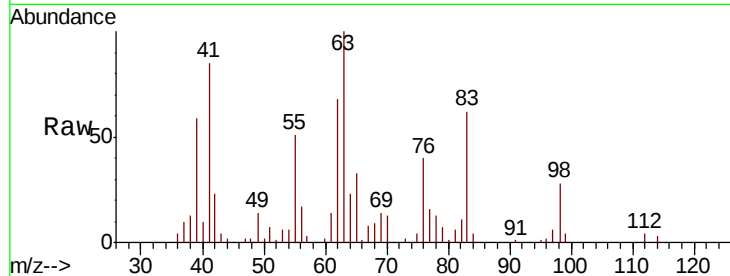
VSTDIC020

Tgt Ion: 63 Resp: 31774

Ion Ratio Lower Upper

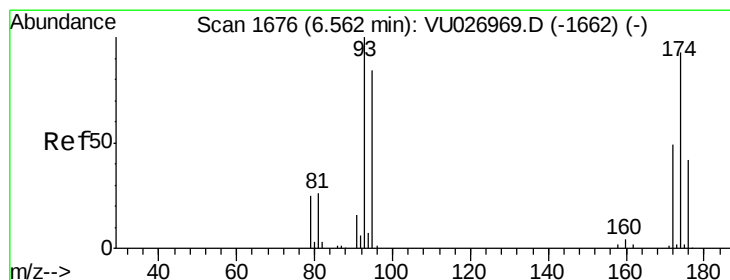
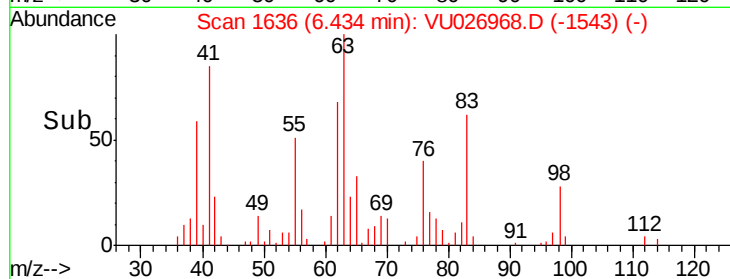
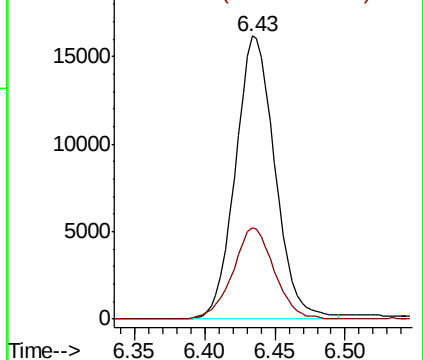
63 100

65 32.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 23.111 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

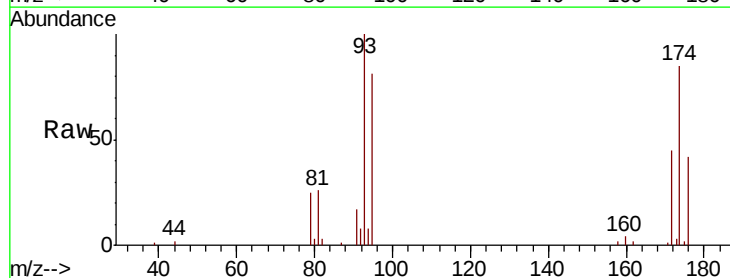
Tgt Ion: 93 Resp: 19011

Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

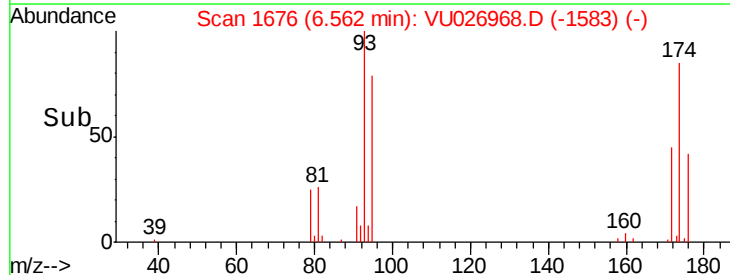
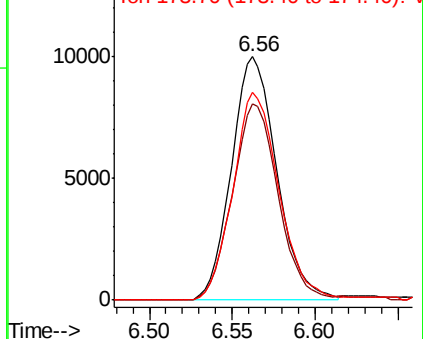
174 87.7 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

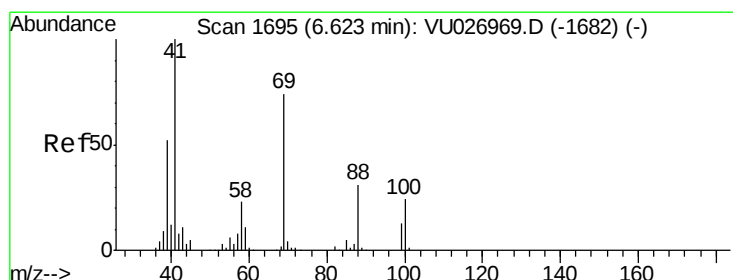
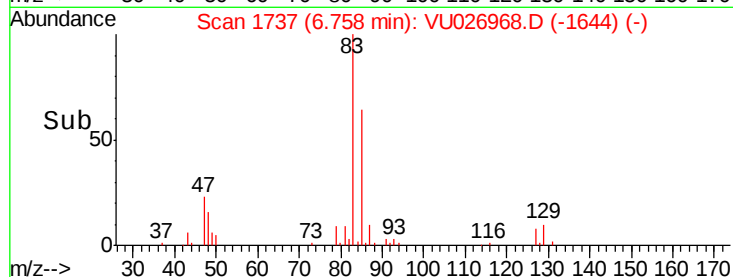
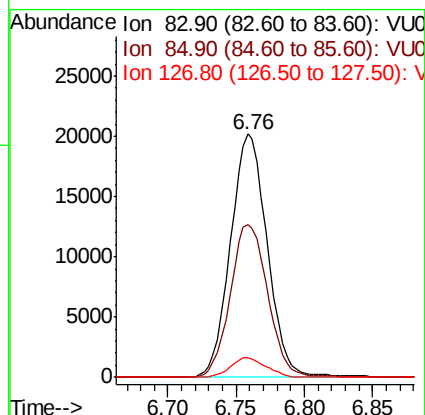
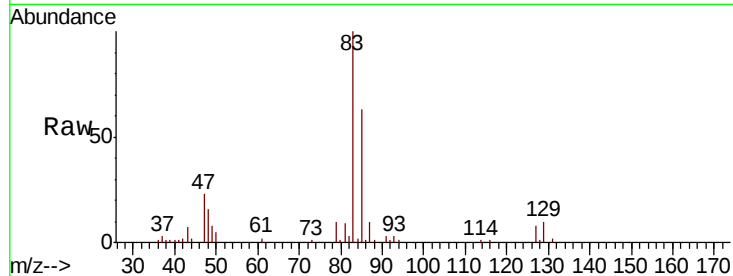




#47
 Bromodichloromethane
 Concen: 23.163 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

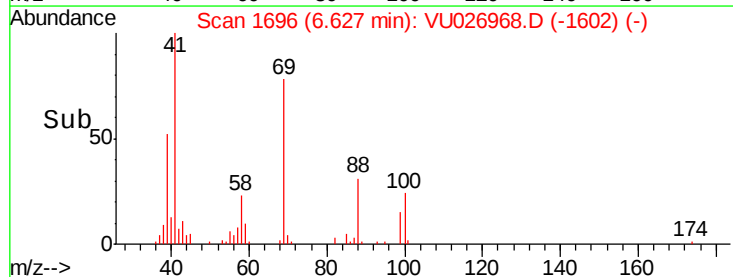
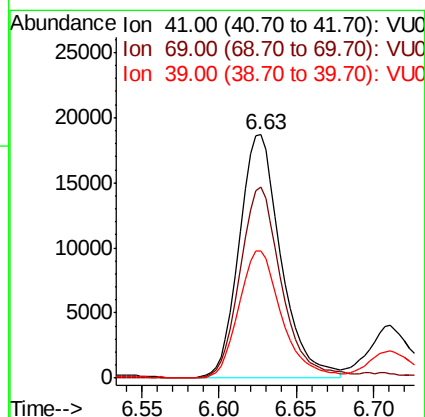
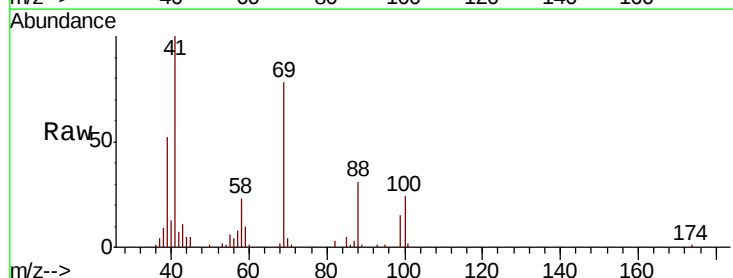
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 83 Resp: 37737
 Ion Ratio Lower Upper
 83 100
 85 62.8 52.5 78.7
 127 8.0 6.3 9.5



#48
 Methyl methacrylate
 Concen: 24.897 ug/l
 RT: 6.63 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 41 Resp: 35159
 Ion Ratio Lower Upper
 41 100
 69 78.0 60.6 90.8
 39 53.7 42.8 64.2

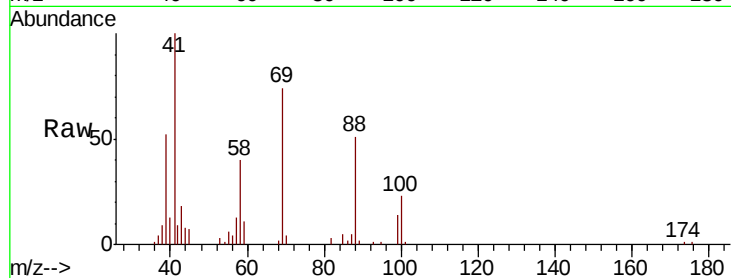




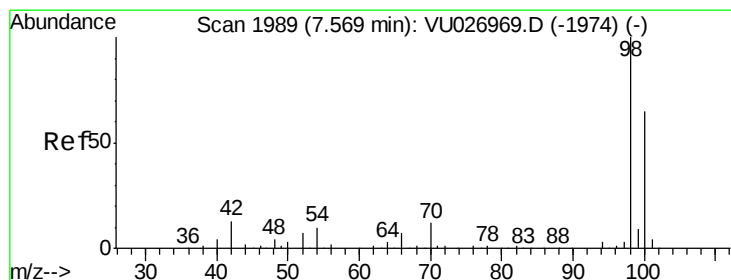
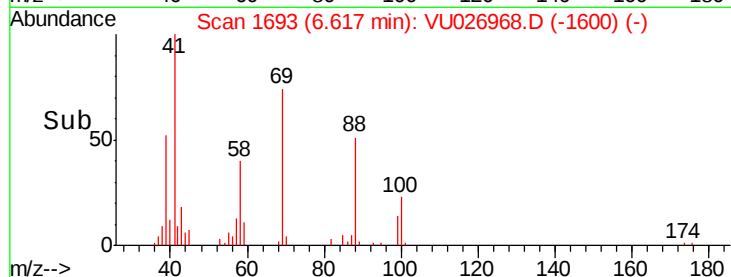
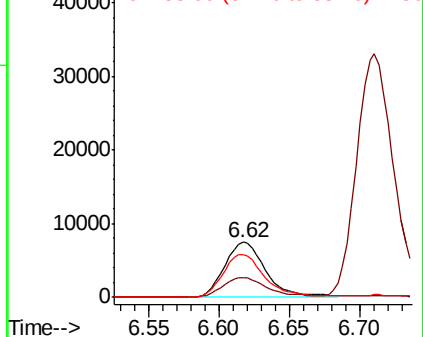
#49
1,4-Dioxane
Concen: 484.199 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 15365
Ion Ratio Lower Upper
88 100
43 38.8 29.8 44.8
58 78.5 63.9 95.9

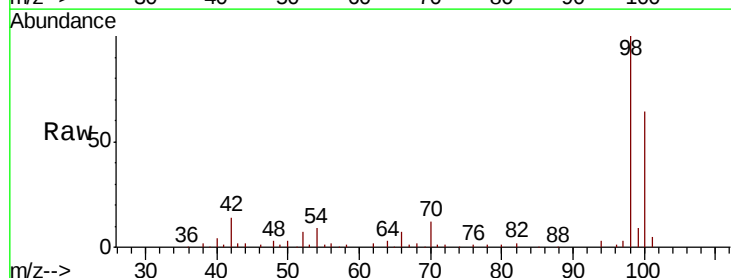


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

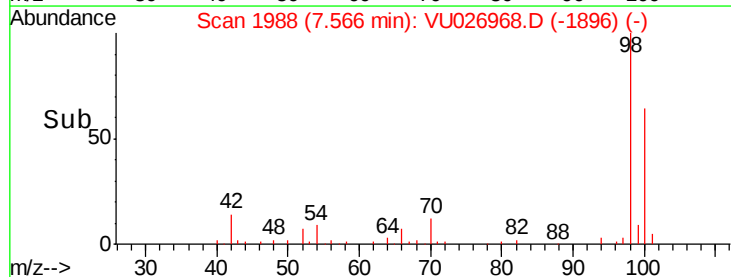
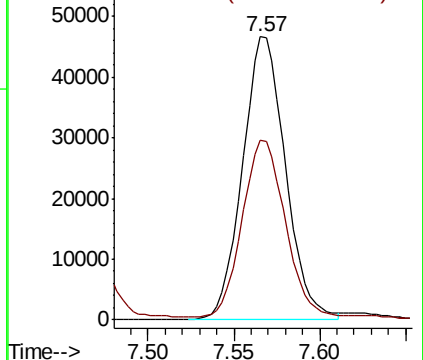


#50
Toluene-d8
Concen: 19.748 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 98 Resp: 80910
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 131.682 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

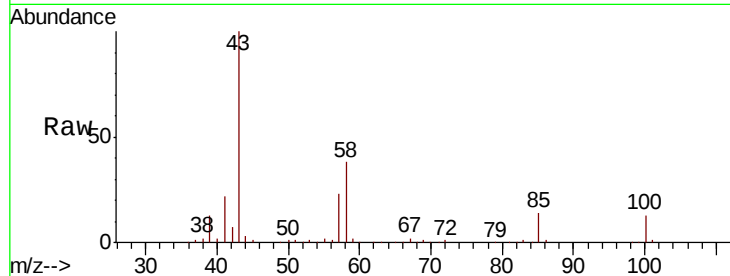
VSTDIC020

Tgt Ion: 43 Resp: 253149

Ion Ratio Lower Upper

43 100

58 36.9 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

150000

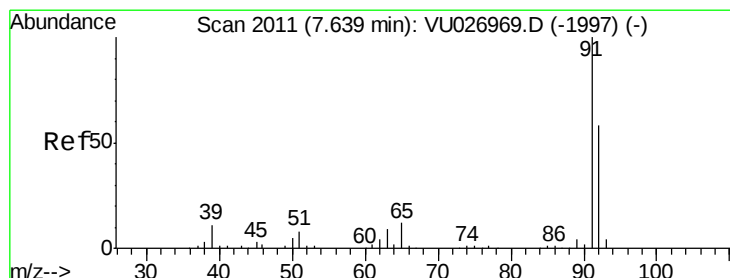
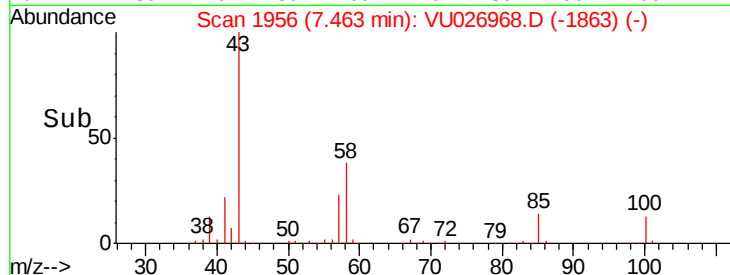
100000

50000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 23.274 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026968.D

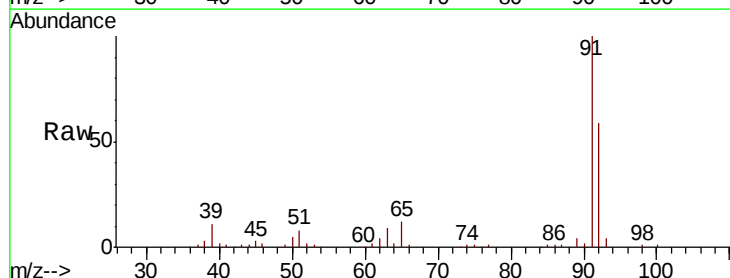
Acq: 21 Sep 2018 15:15

Tgt Ion: 92 Resp: 65698

Ion Ratio Lower Upper

92 100

91 176.2 136.4 204.6



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

60000

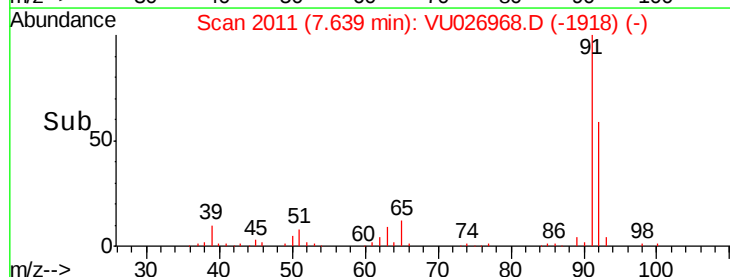
40000

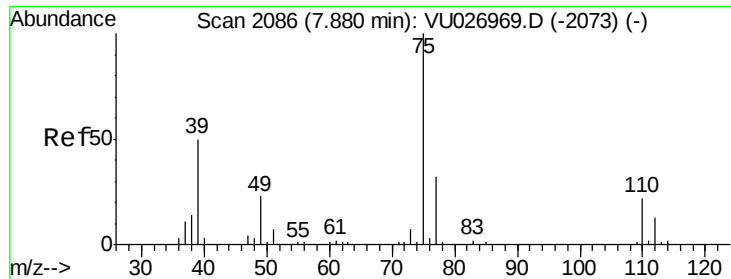
20000

0

7.60 7.70

Time-->

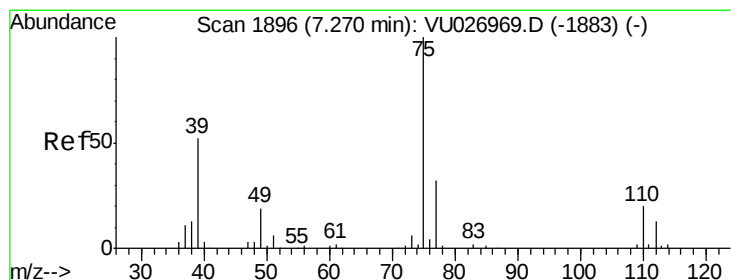
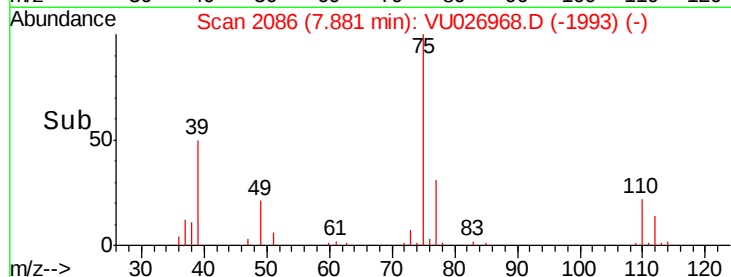
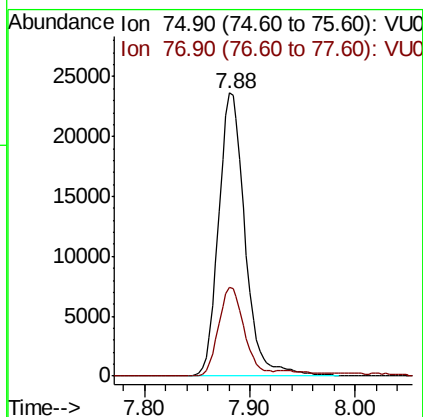
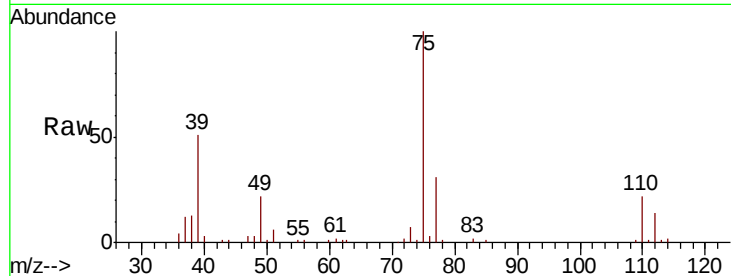




#53
t-1,3-Dichloropropene
Concen: 22.625 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

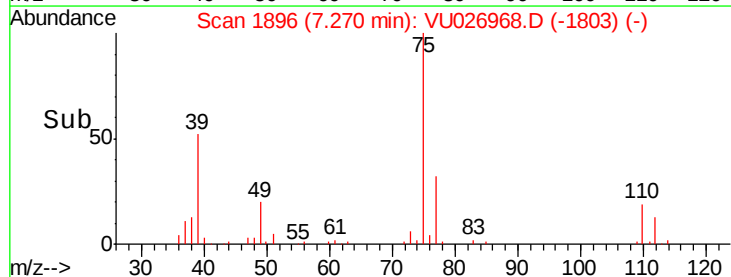
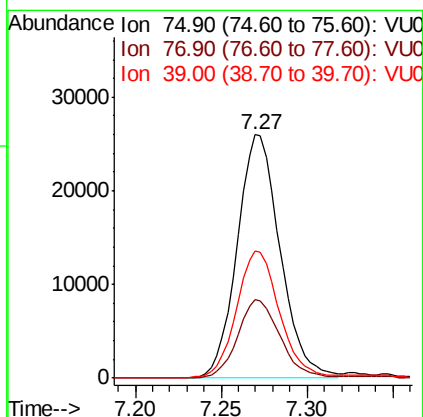
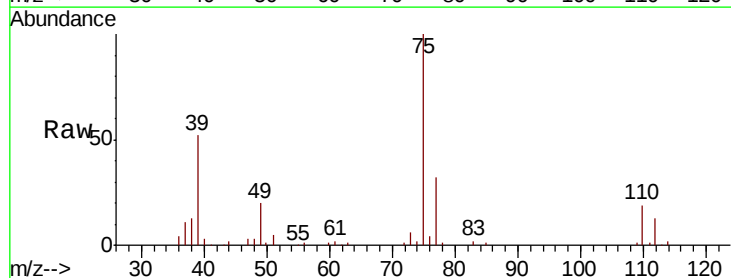
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

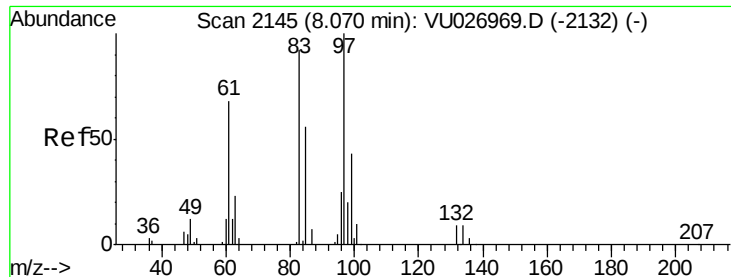
Tgt Ion: 75 Resp: 41101
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 23.066 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 75 Resp: 45176
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 52.1 41.6 62.4

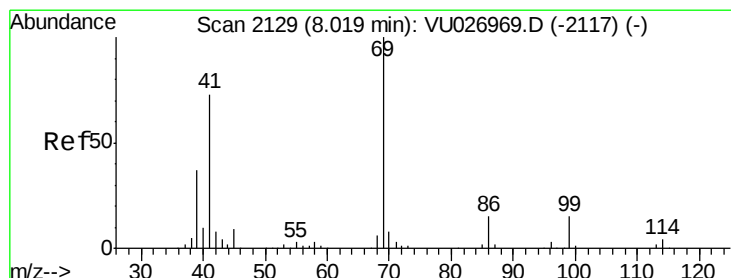
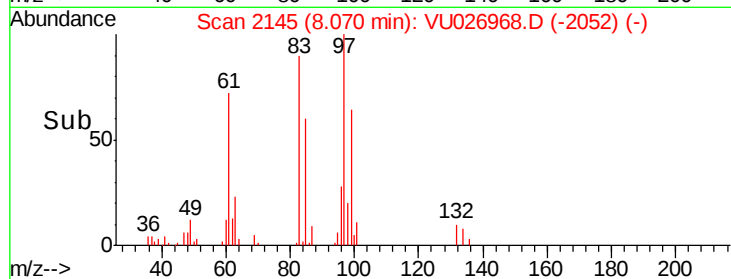
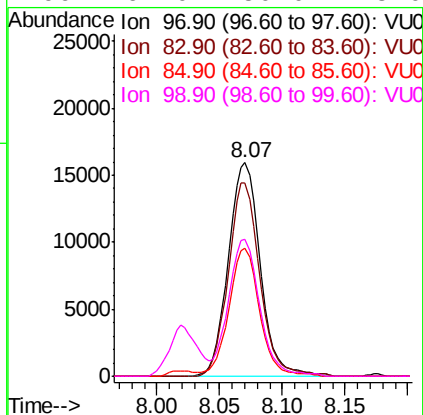
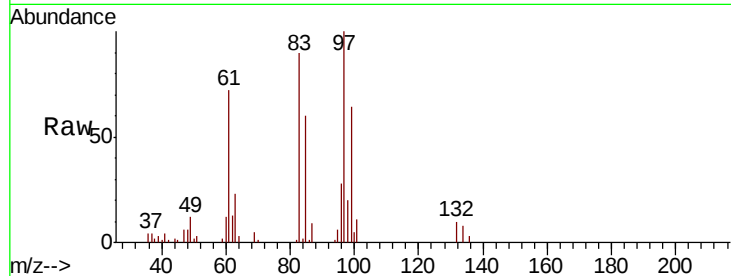




#55
 1,1,2-Trichloroethane
 Concen: 23.500 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

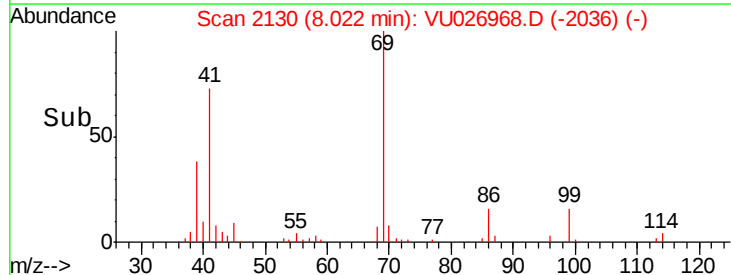
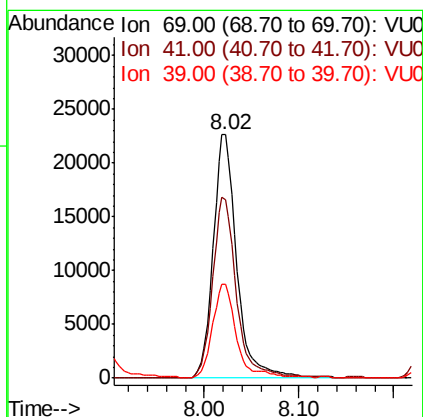
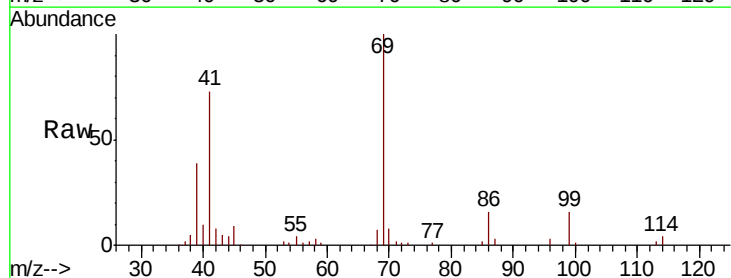
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

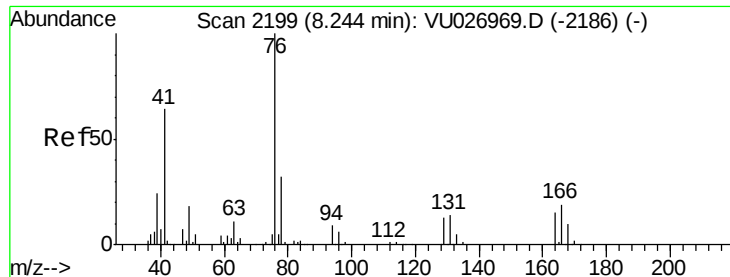
Tgt Ion:	97	Resp:	28217
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.1	109.7
85	60.0	46.7	70.1
99	64.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 22.196 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion:	69	Resp:	39270
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.0	88.4
39	39.3	30.2	45.4





#57

1,3-Dichloropropane

Concen: 24.781 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

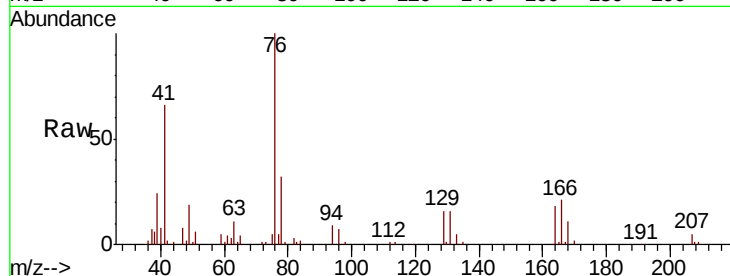
VSTDIC020

Tgt Ion: 76 Resp: 51627

Ion Ratio Lower Upper

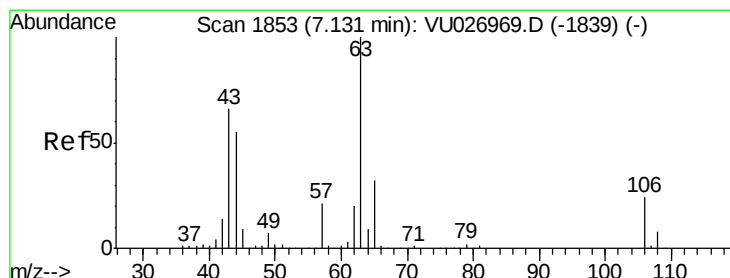
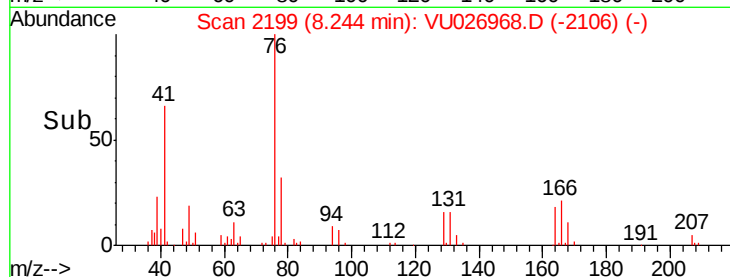
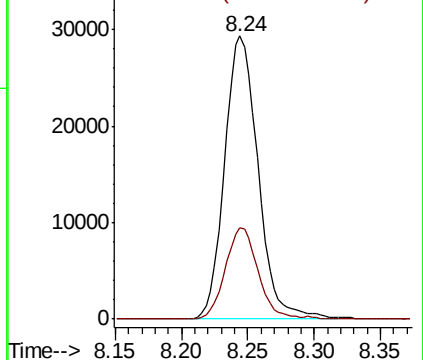
76 100

78 31.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 133.372 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU026968.D

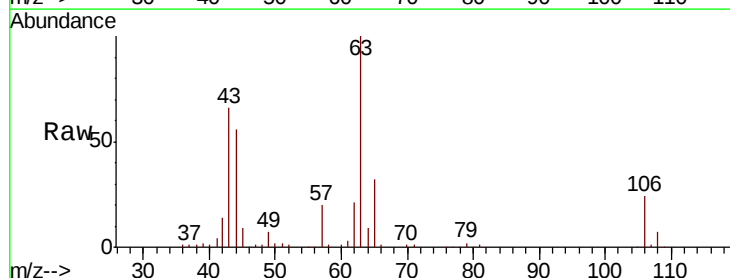
Acq: 21 Sep 2018 15:15

Tgt Ion: 63 Resp: 120941

Ion Ratio Lower Upper

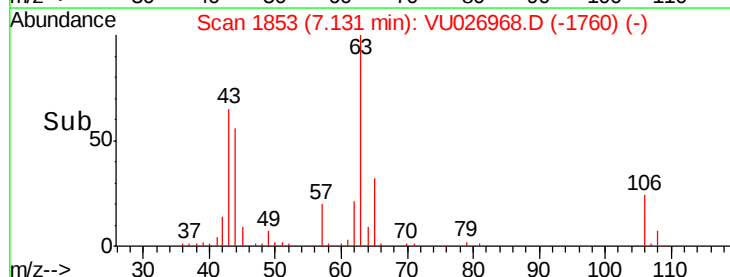
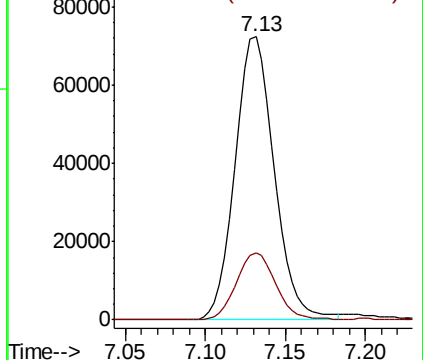
63 100

106 23.8 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

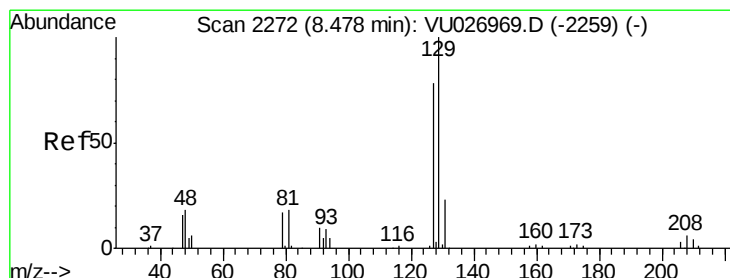
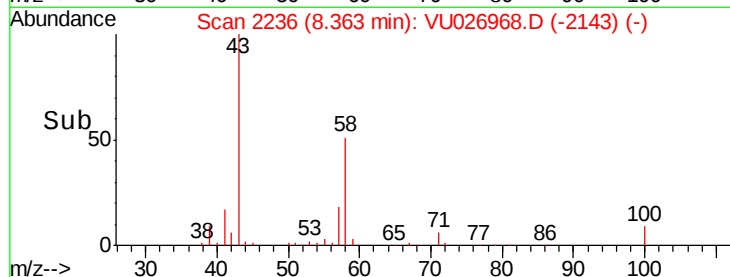
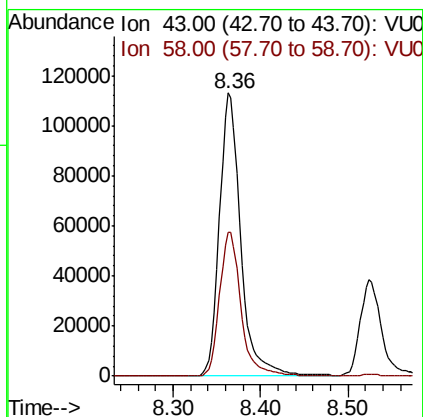
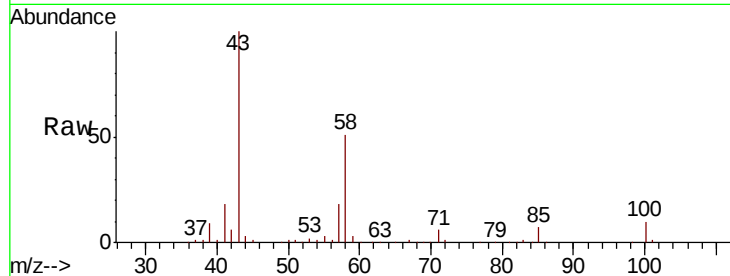




#59
2-Hexanone
Concen: 127.697 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

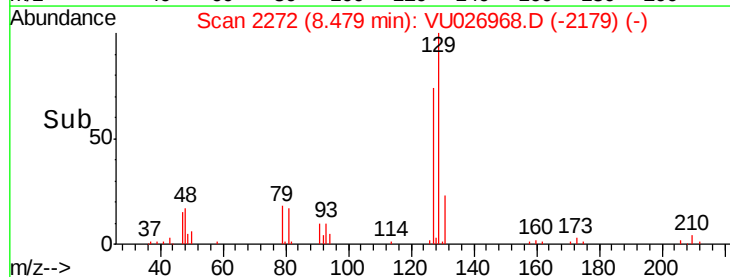
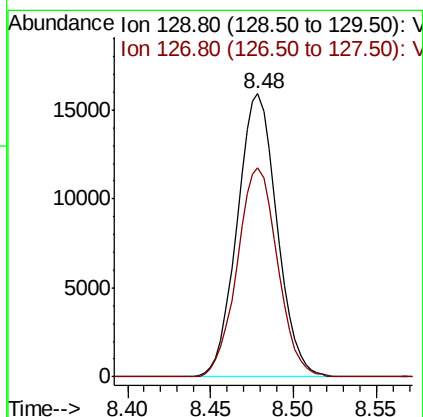
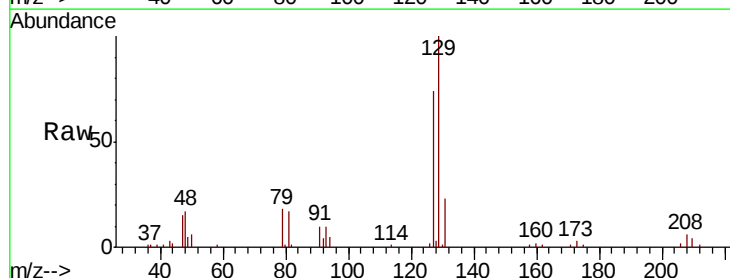
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

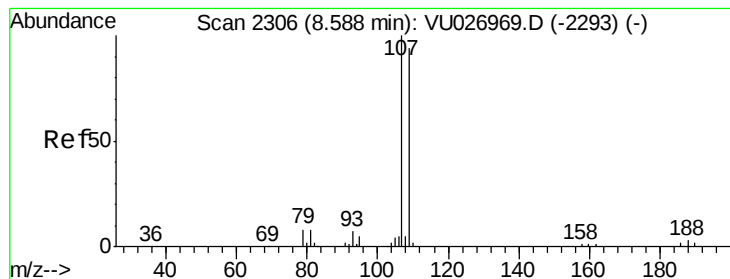
Tgt Ion: 43 Resp: 192128
Ion Ratio Lower Upper
43 100
58 51.1 26.1 78.2



#60
Dibromochloromethane
Concen: 20.924 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 129 Resp: 26642
Ion Ratio Lower Upper
129 100
127 74.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.956 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

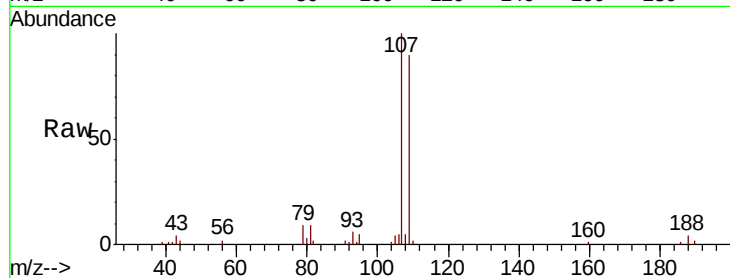
VSTDIC020

Tgt Ion: 107 Resp: 28486

Ion Ratio Lower Upper

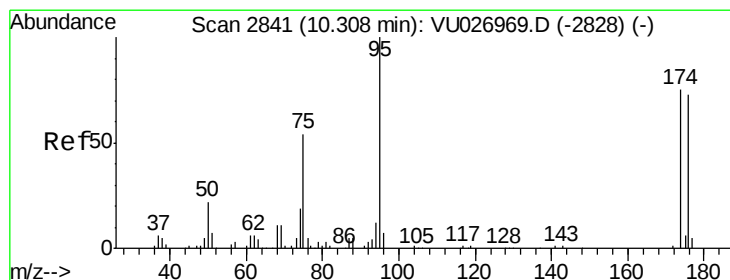
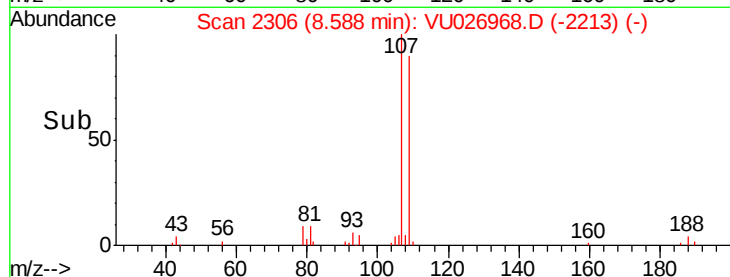
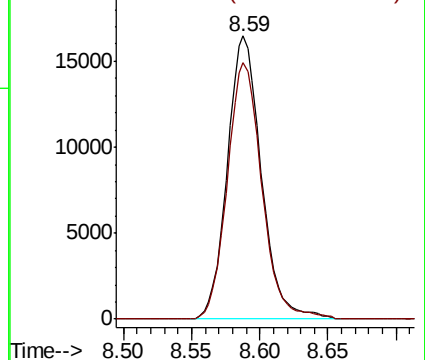
107 100

109 92.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.011 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

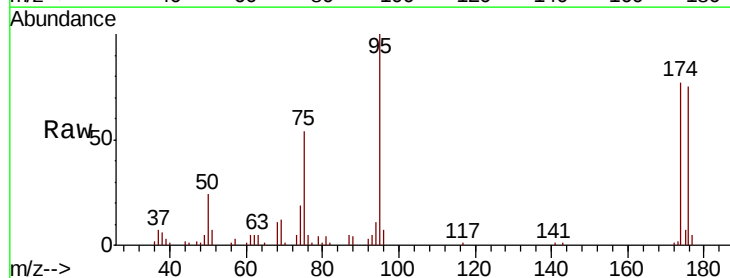
Tgt Ion: 95 Resp: 26462

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

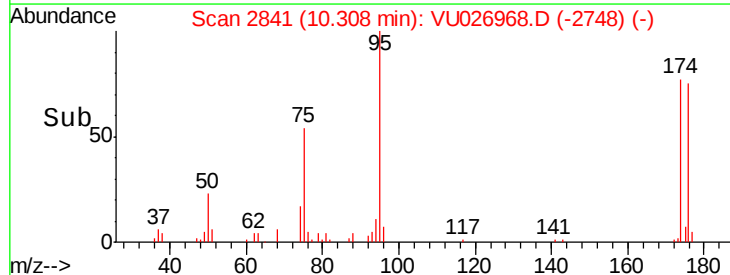
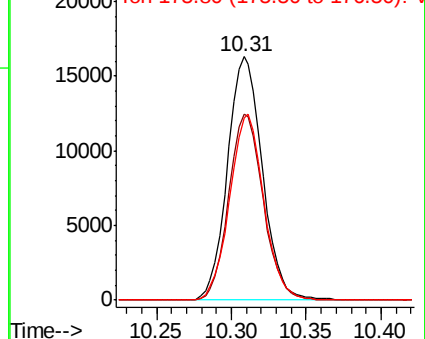
176 74.8 0.0 145.2

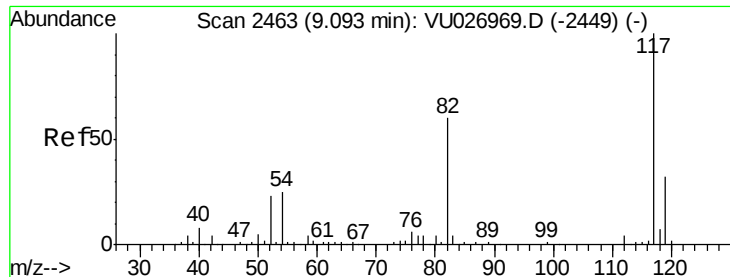


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

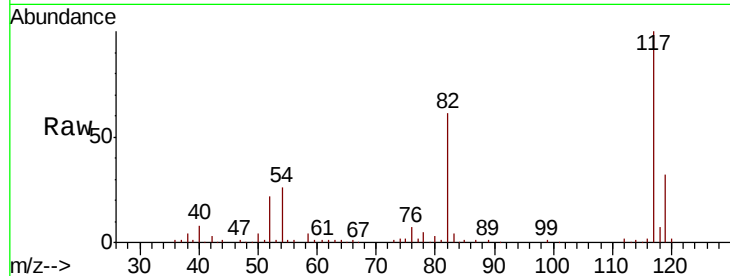




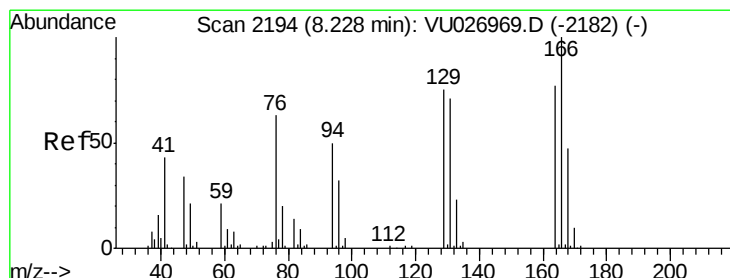
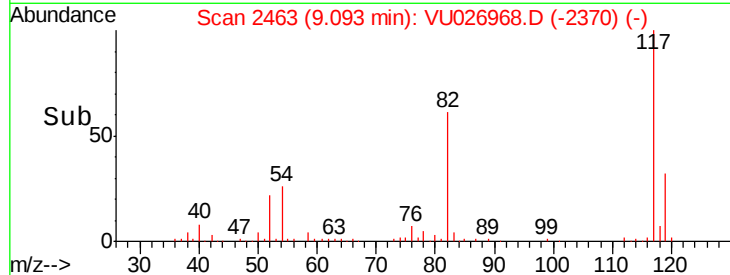
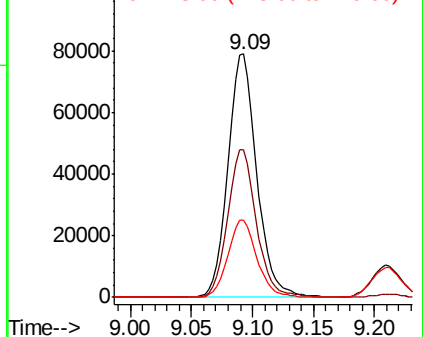
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 130811
Ion Ratio Lower Upper
117 100
82 60.5 48.0 72.0
119 31.8 25.8 38.8



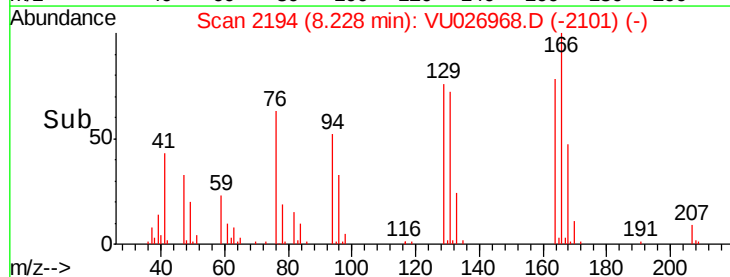
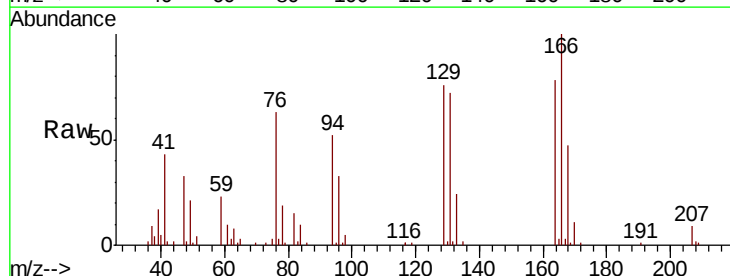
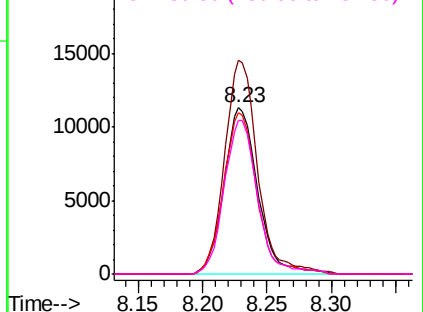
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

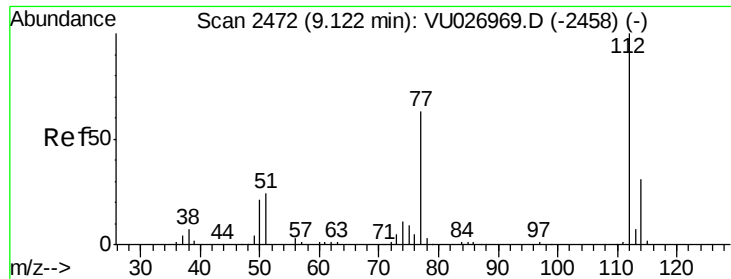


#64
Tetrachloroethene
Concen: 20.006 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion:164 Resp: 20574
Ion Ratio Lower Upper
164 100
166 128.5 104.4 156.6
129 97.4 78.7 118.1
131 92.5 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: 20.863 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

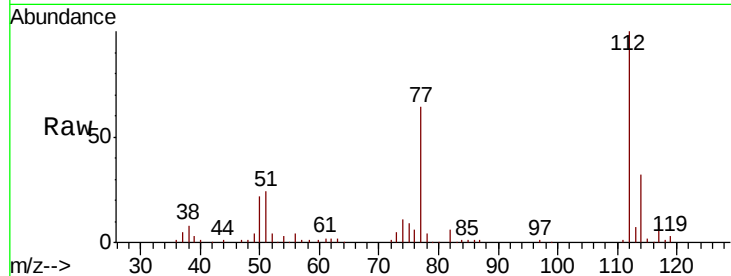
VSTDIC020

Tgt Ion:112 Resp: 67896

Ion Ratio Lower Upper

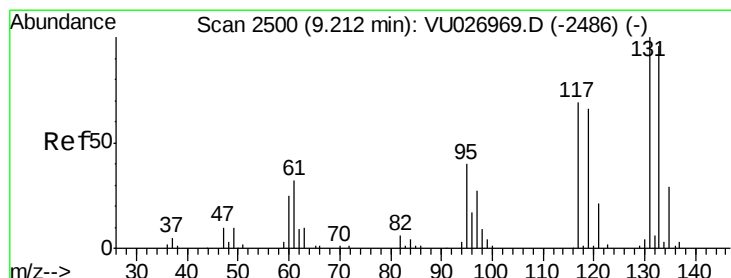
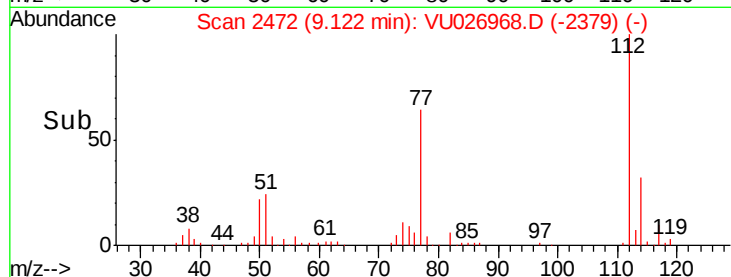
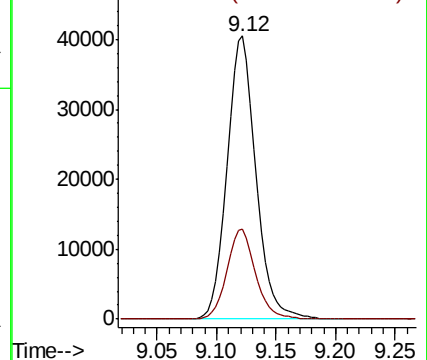
112 100

114 31.6 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.817 ug/l

RT: 9.21 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

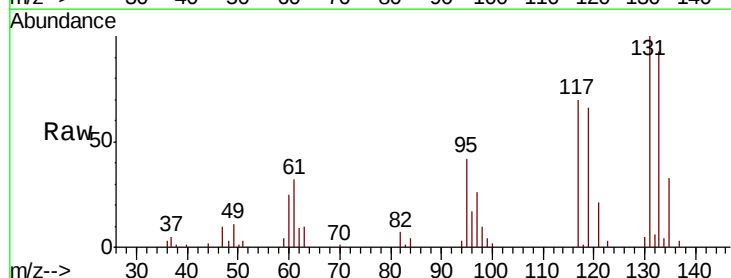
Tgt Ion:131 Resp: 24821

Ion Ratio Lower Upper

131 100

133 93.5 48.0 144.2

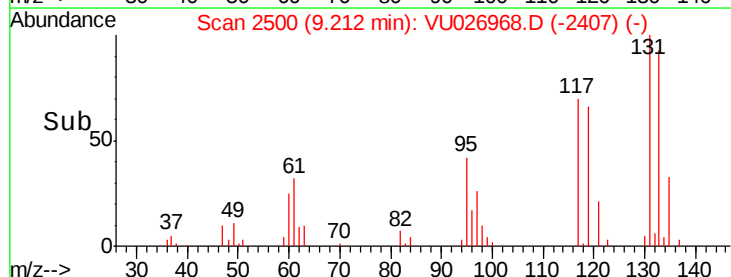
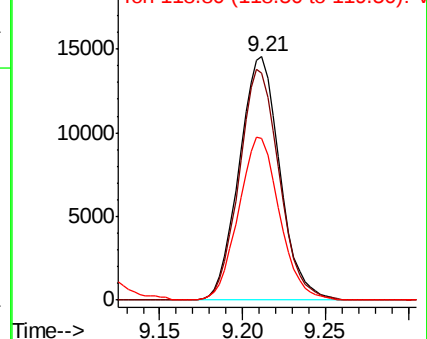
119 67.4 33.4 100.1

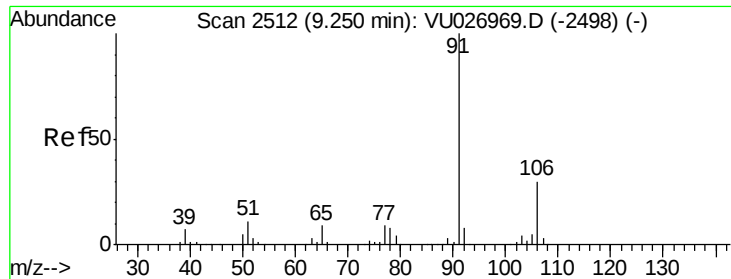


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

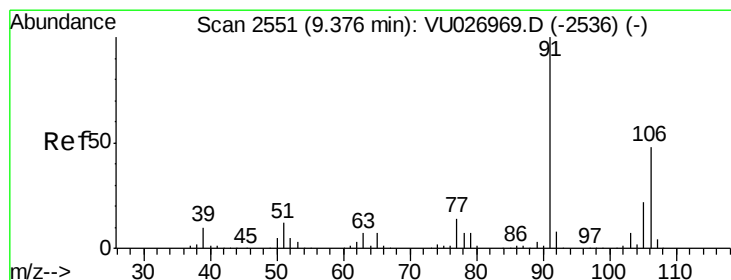
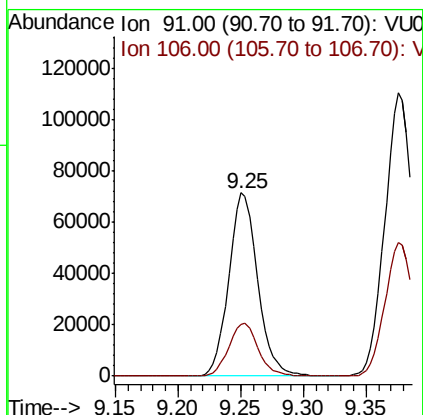
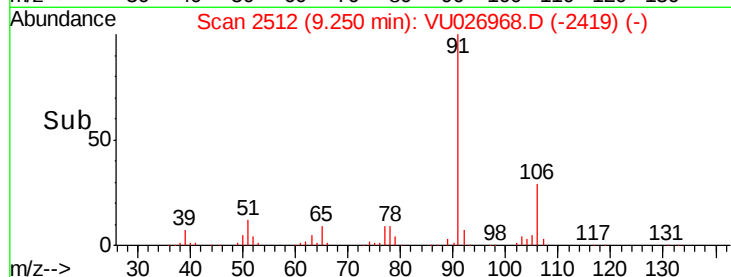
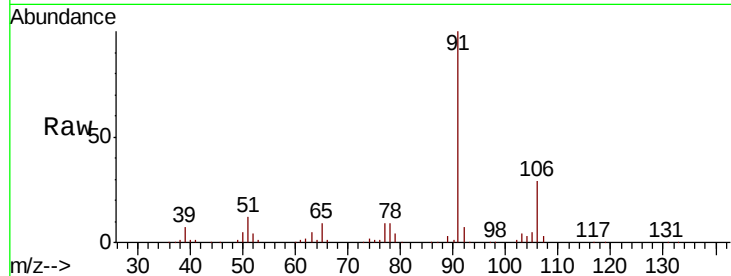




#67
Ethyl Benzene
Concen: 21.165 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

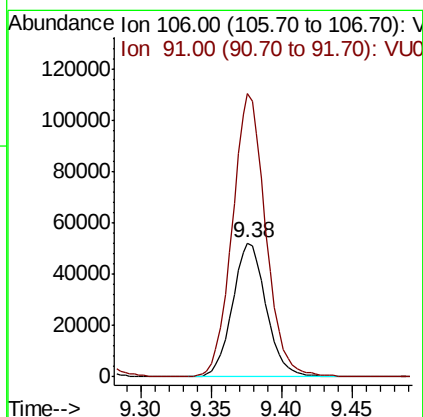
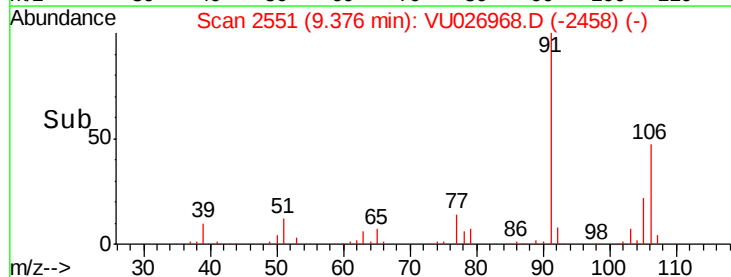
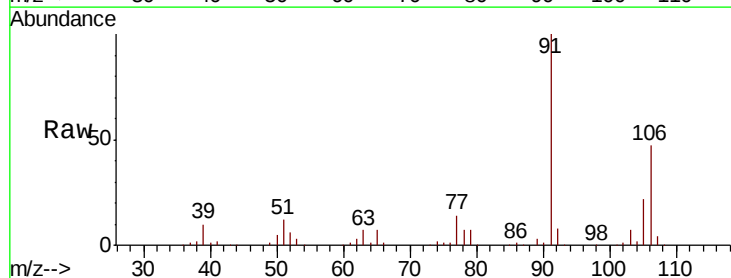
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 114590
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.8



#68
m/p-Xylenes
Concen: 42.862 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 106 Resp: 87752
Ion Ratio Lower Upper
106 100
91 208.3 166.5 249.7

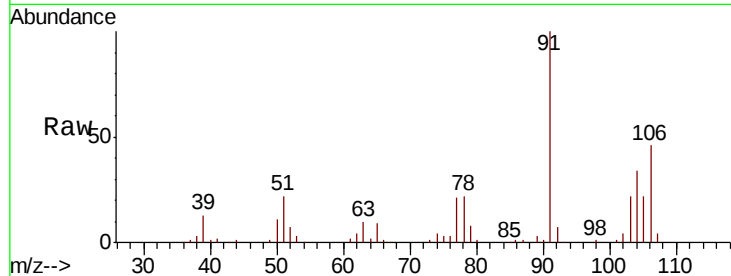




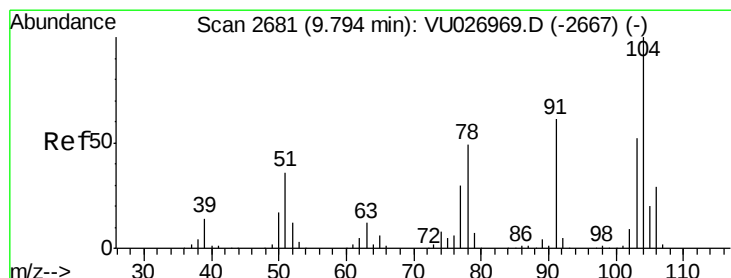
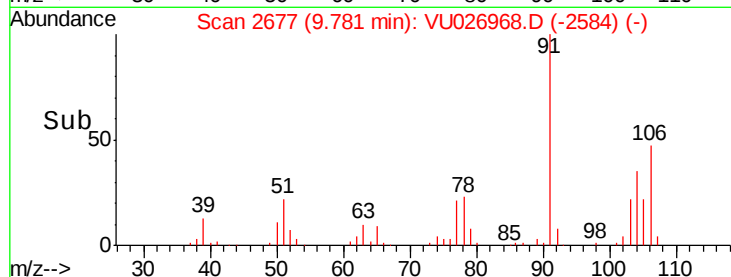
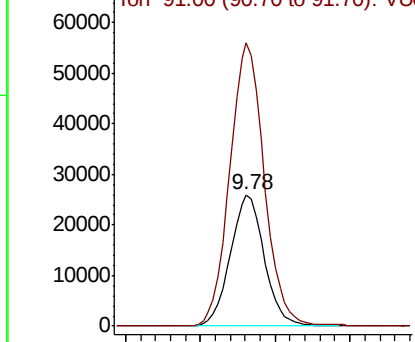
#69
o-Xylene
Concen: 20.608 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 40921
Ion Ratio Lower Upper
106 100
91 220.2 110.2 330.6

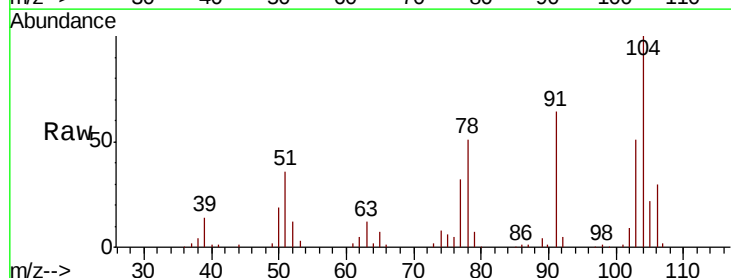


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

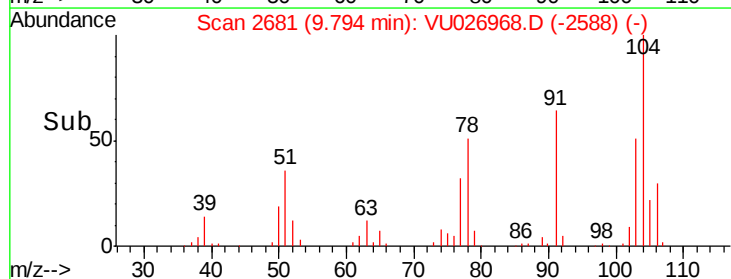
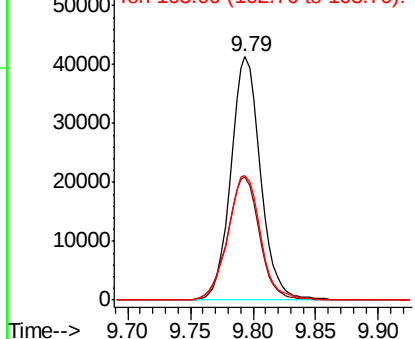


#70
Styrene
Concen: 20.859 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion:104 Resp: 67892
Ion Ratio Lower Upper
104 100
78 54.3 43.0 64.4
103 56.3 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: 18.195 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

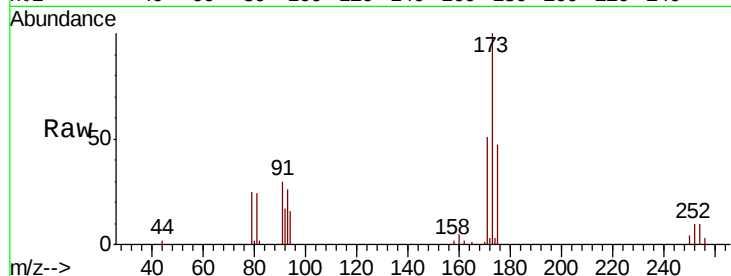
Tgt Ion:173 Resp: 18466

Ion Ratio Lower Upper

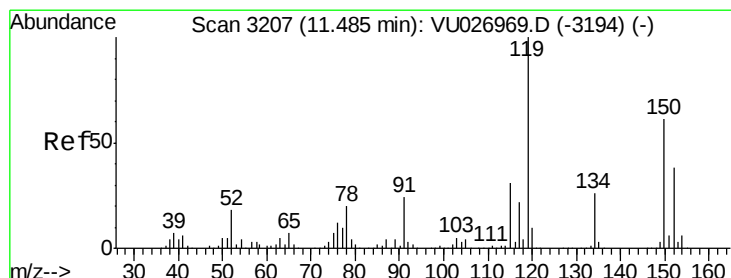
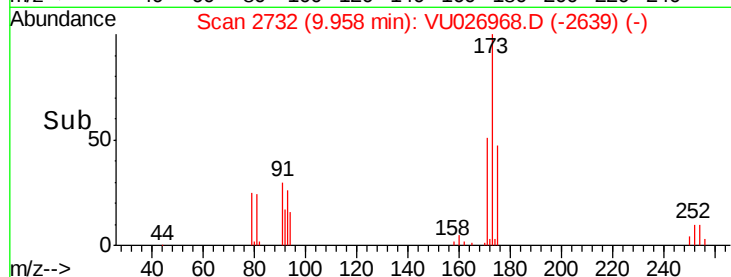
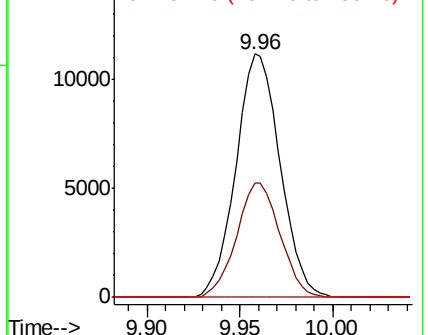
173 100

175 46.1 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# 3207

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

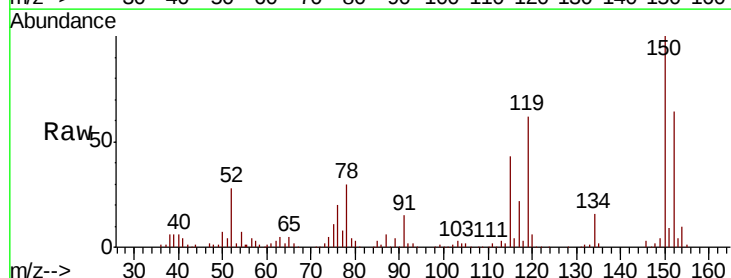
Tgt Ion:152 Resp: 69737

Ion Ratio Lower Upper

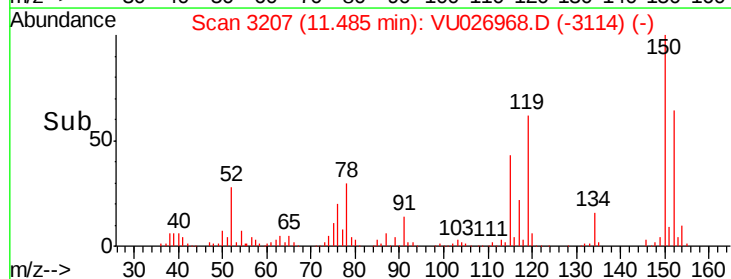
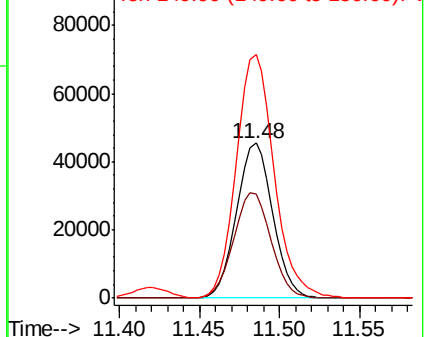
152 100

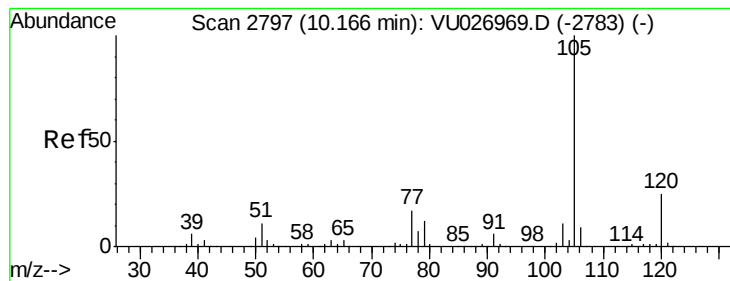
115 70.7 44.9 134.5

150 164.9 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: 22.783 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

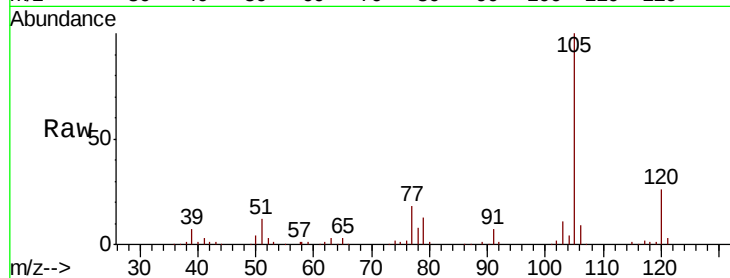
VSTDIC020

Tgt Ion: 105 Resp: 110915

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

80000

60000

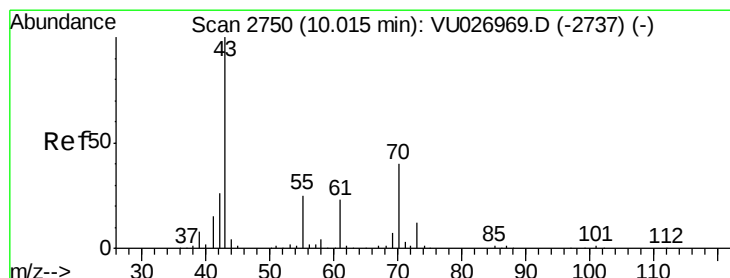
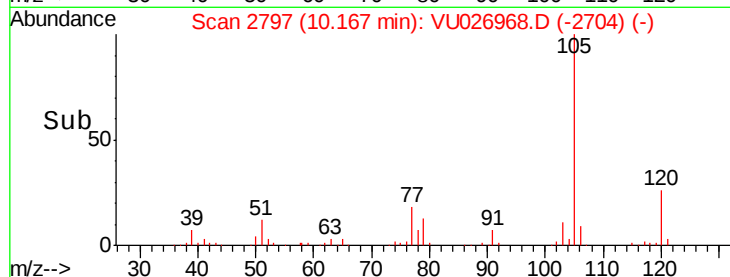
40000

20000

0

Time-->

10.10 10.15 10.20 10.25



#74

N-ethyl acetate

Concen: 25.441 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Tgt Ion: 43 Resp: 60399

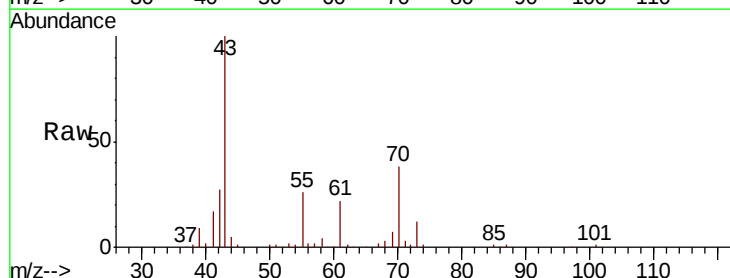
Ion Ratio Lower Upper

43 100

70 38.9 31.8 47.8

55 25.6 19.9 29.9

61 22.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

60000

50000

40000

30000

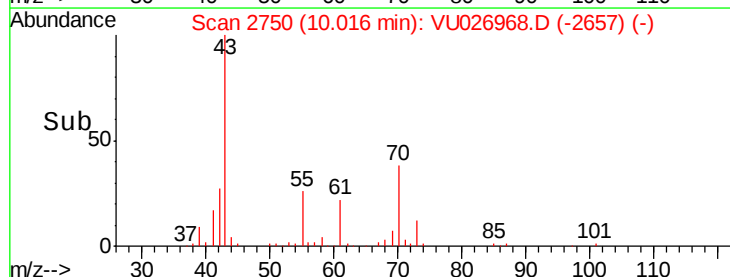
20000

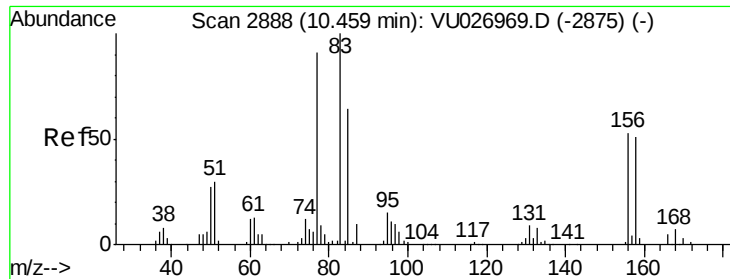
10000

0

Time-->

9.95 10.00 10.05 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 24.096 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

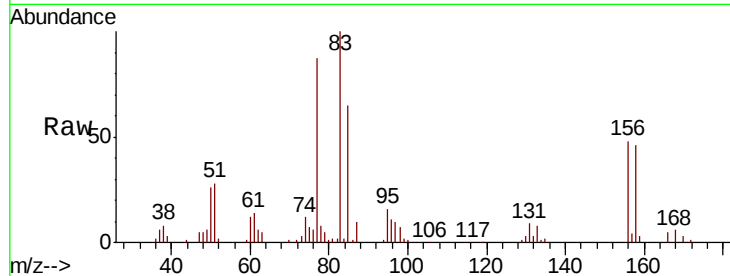
Tgt Ion: 83 Resp: 48354

Ion Ratio Lower Upper

83 100

131 9.0 4.3 12.8

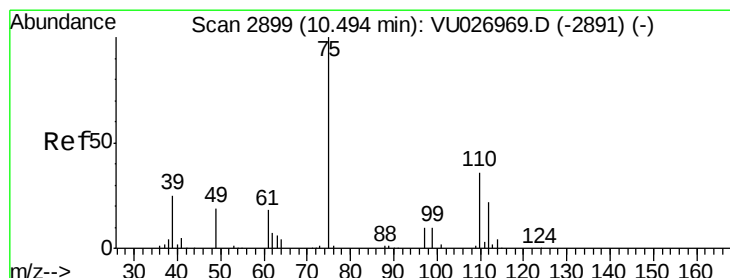
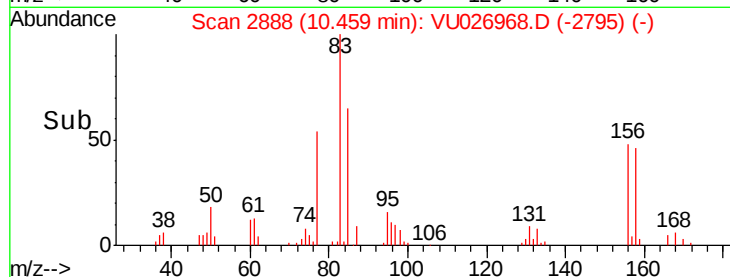
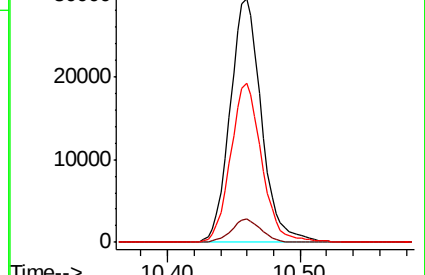
85 64.9 31.9 95.7



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: 33.455 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026968.D

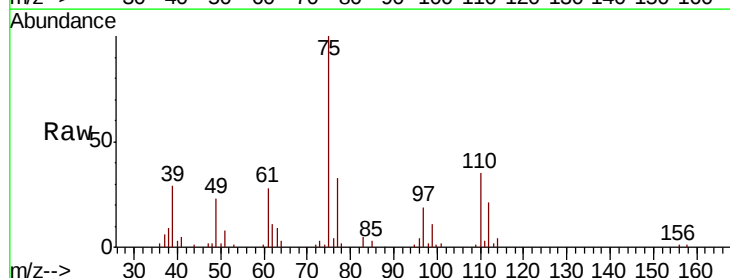
Acq: 21 Sep 2018 15:15

Tgt Ion: 75 Resp: 54624

Ion Ratio Lower Upper

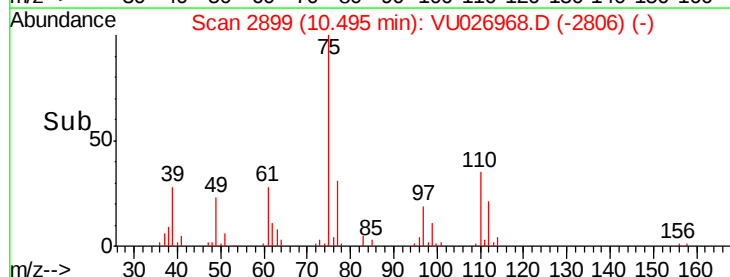
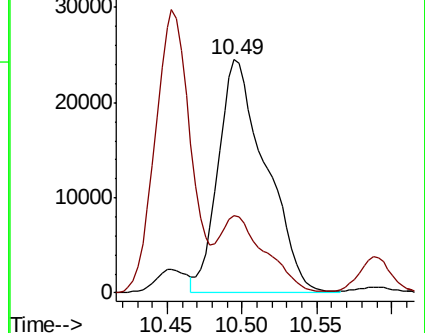
75 100

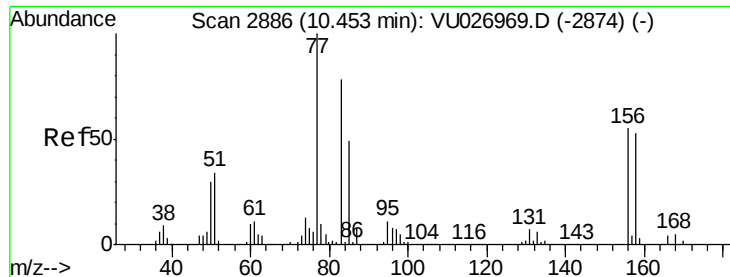
77 30.5 20.9 62.8



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: 20.026 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

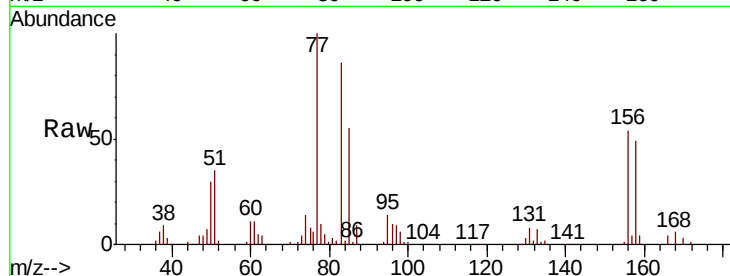
Tgt Ion:156 Resp: 25964

Ion Ratio Lower Upper

156 100

77 188.0 92.3 276.9

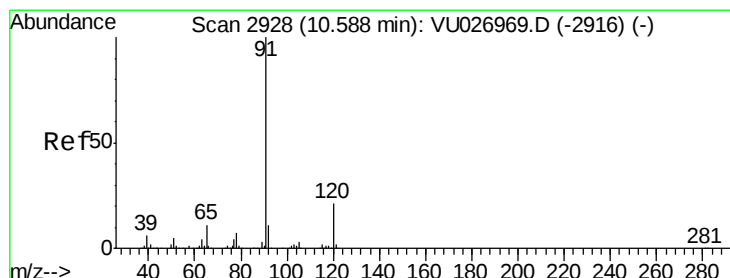
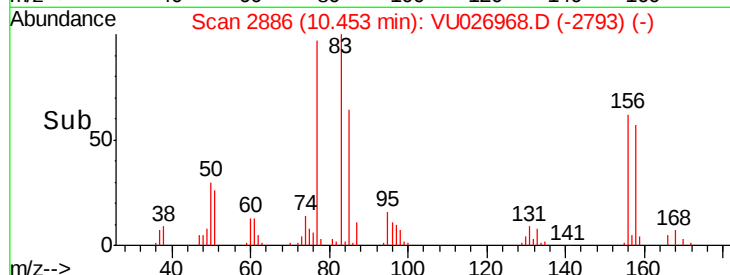
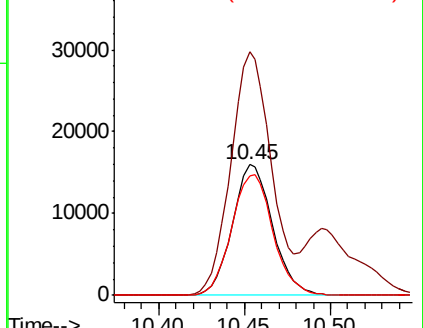
158 95.7 48.1 144.3



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: 23.024 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026968.D

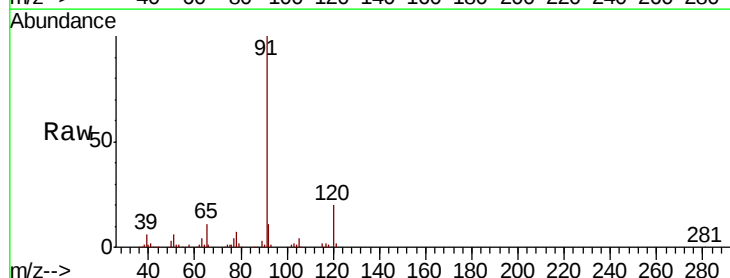
Acq: 21 Sep 2018 15:15

Tgt Ion: 91 Resp: 131129

Ion Ratio Lower Upper

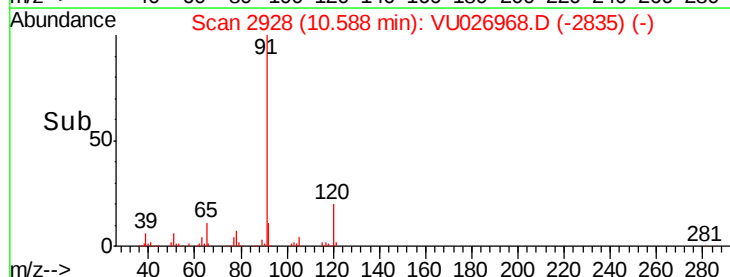
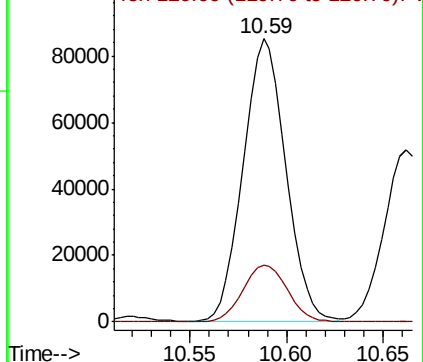
91 100

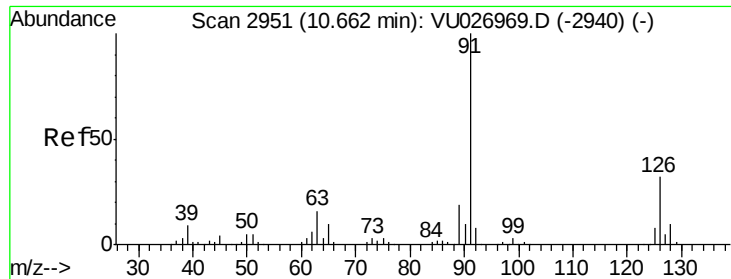
120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

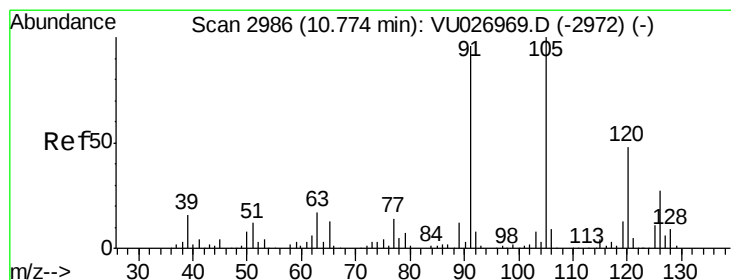
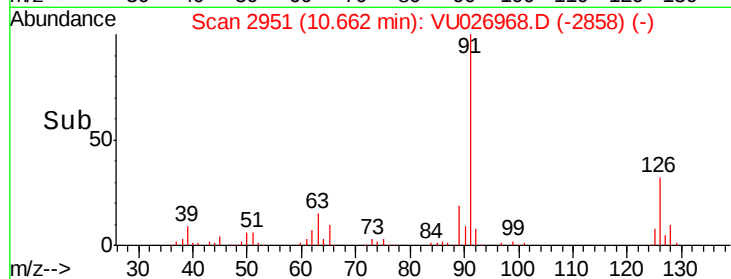
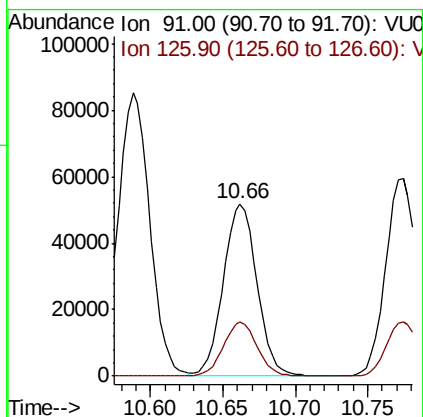
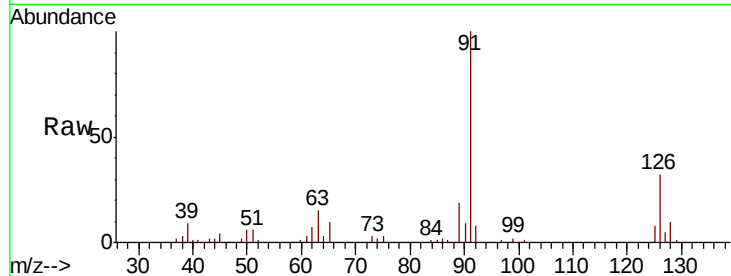




#79
 2-Chlorotoluene
 Concen: 23.661 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

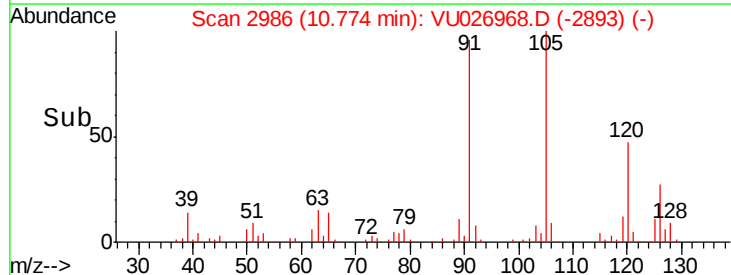
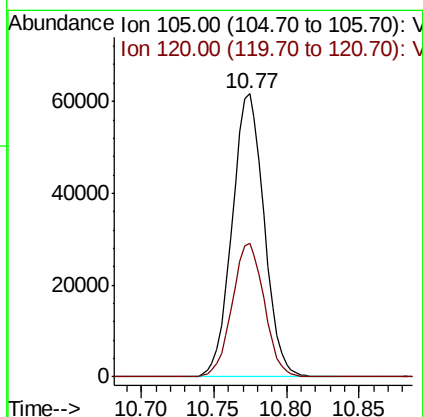
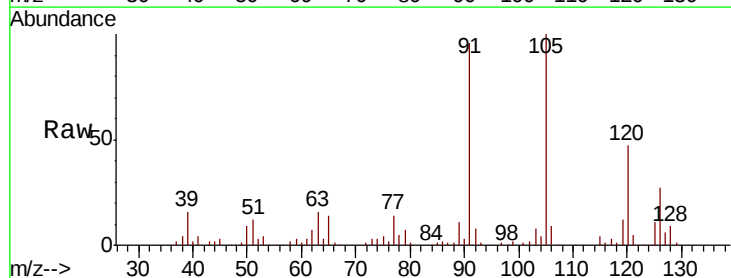
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

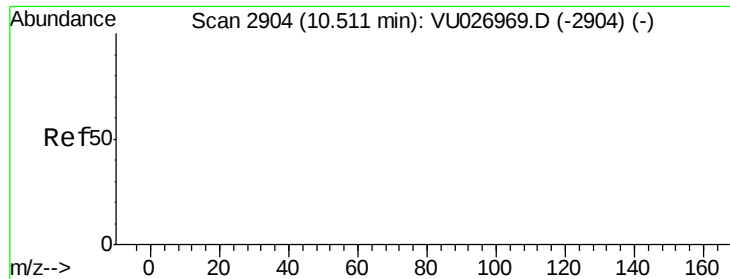
Tgt Ion: 91 Resp: 83381
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 23.135 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion: 105 Resp: 94494
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 97.773 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

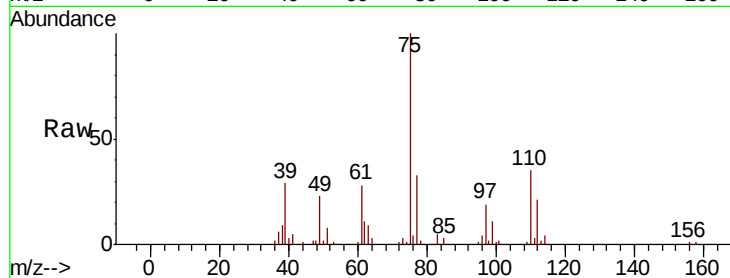
Tgt Ion: 75 Resp: 54624

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

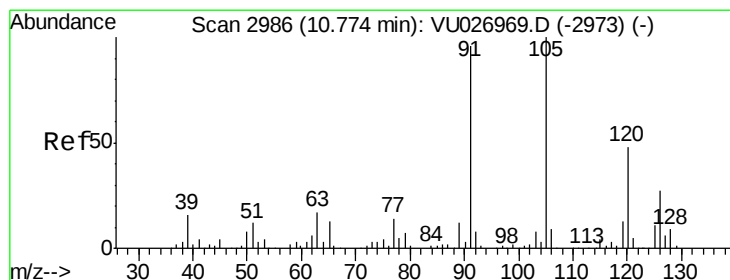
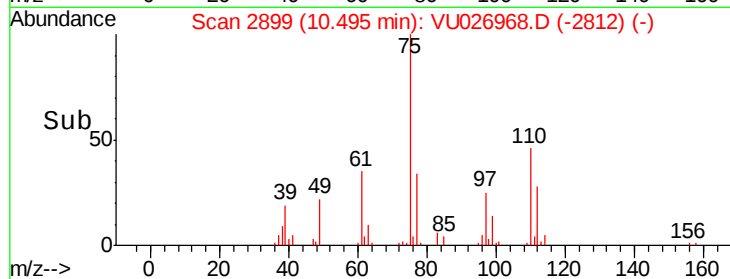
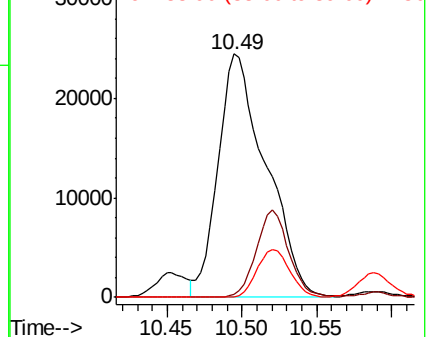
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 23.198 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026968.D

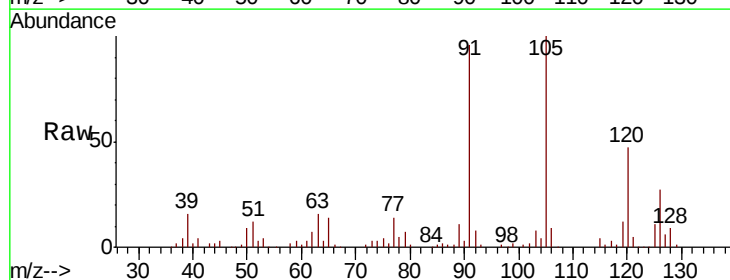
Acq: 21 Sep 2018 15:15

Tgt Ion: 91 Resp: 91814

Ion Ratio Lower Upper

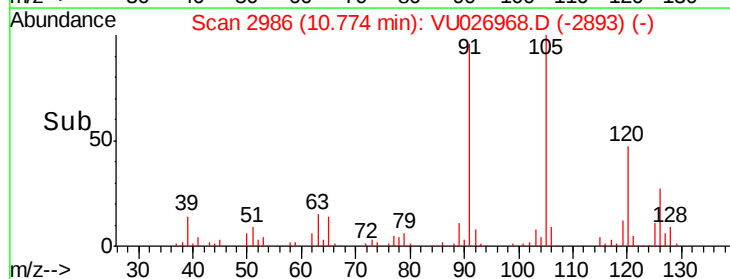
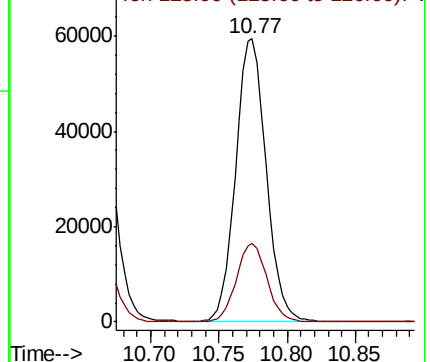
91 100

126 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

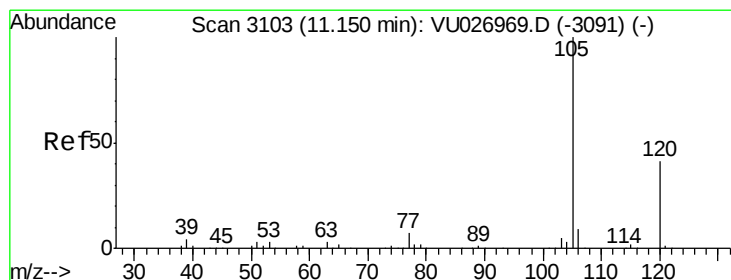
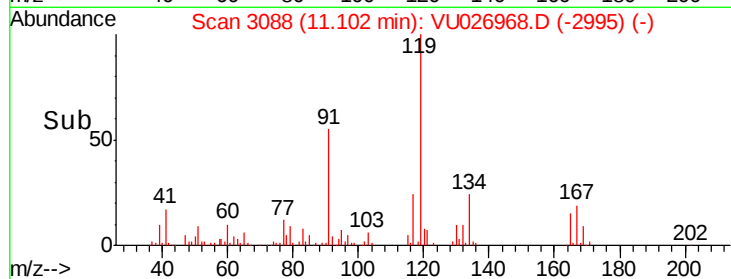
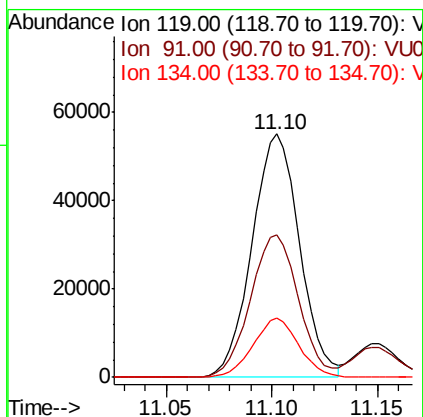
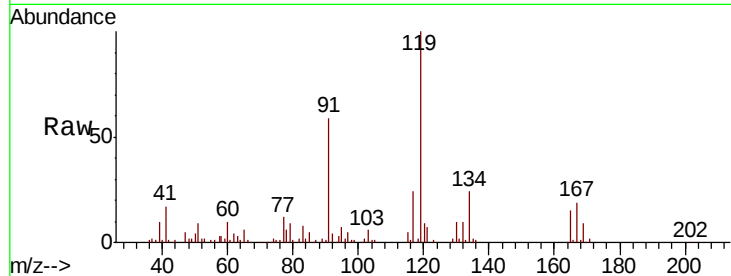




#83
 tert-Butylbenzene
 Concen: 21.066 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

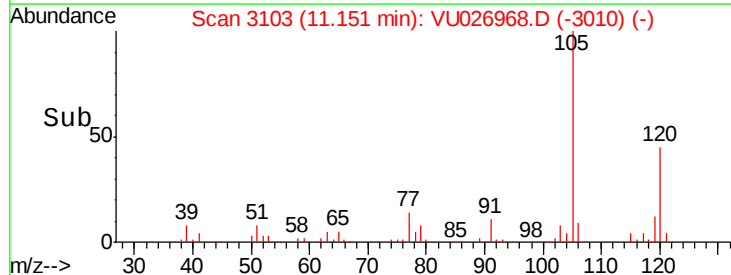
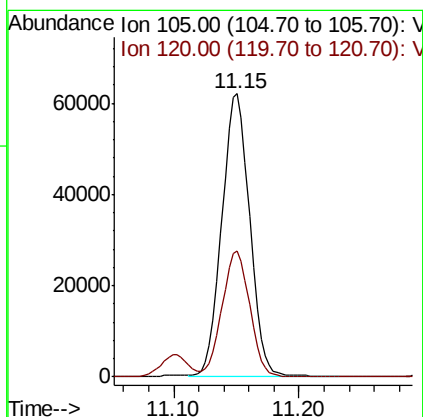
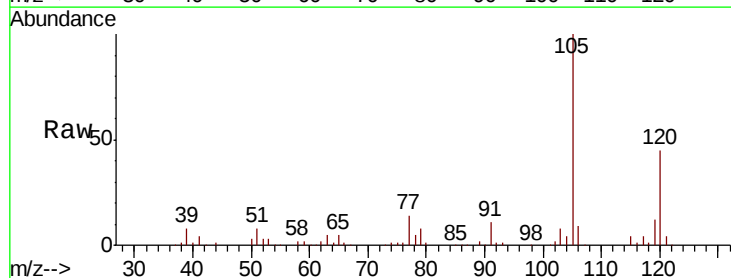
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

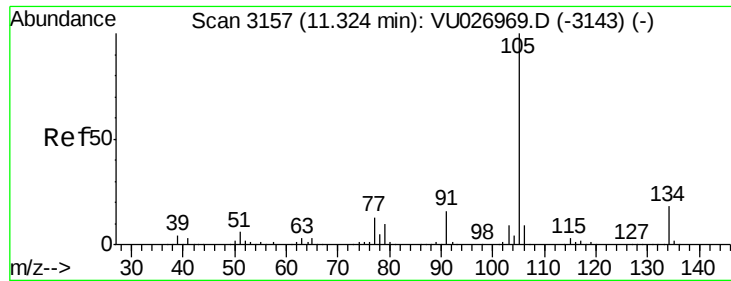
Tgt Ion:119 Resp: 86519
 Ion Ratio Lower Upper
 119 100
 91 59.1 29.8 89.4
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 23.233 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion:105 Resp: 95903
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.2

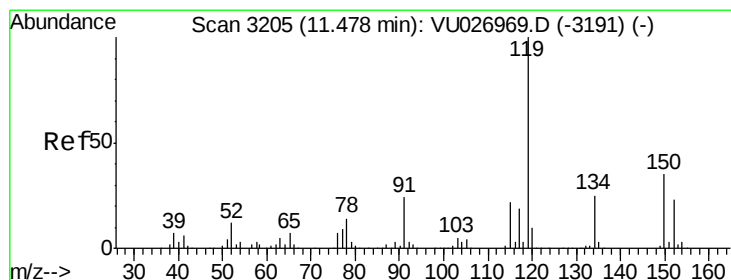
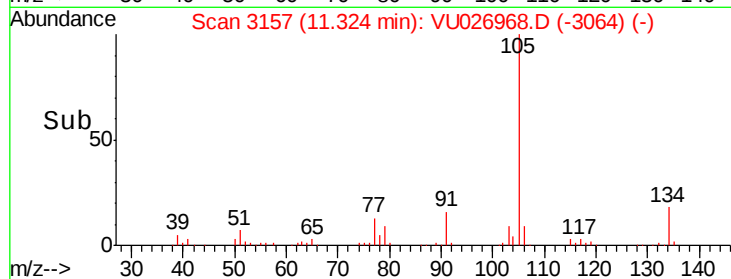
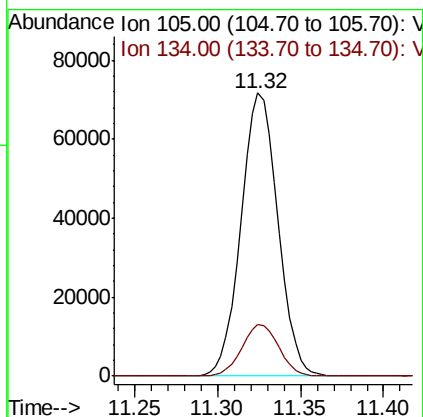
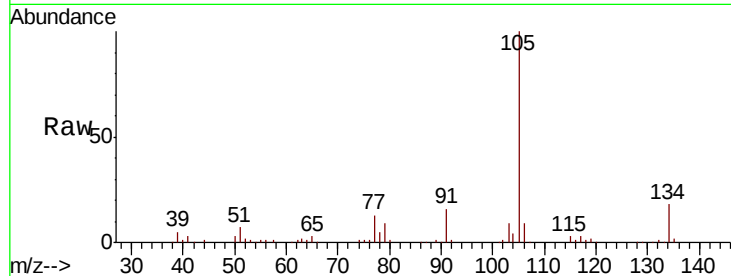




#85
 sec-Butylbenzene
 Concen: 22.520 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

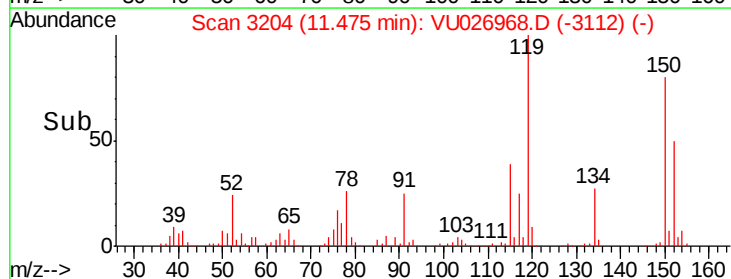
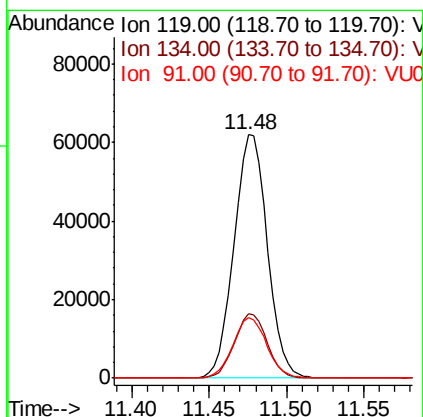
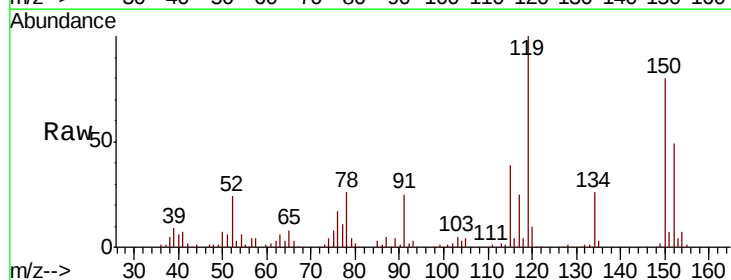
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 110677
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 21.769 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion:119 Resp: 92750
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.2 12.3 36.8

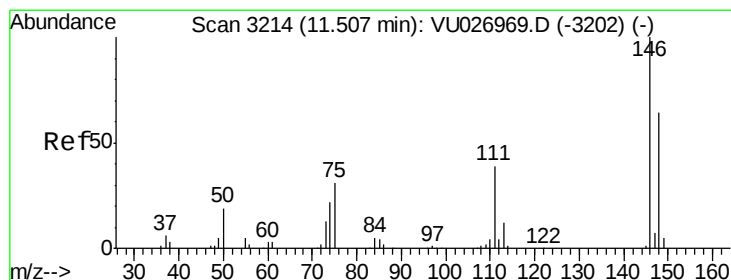
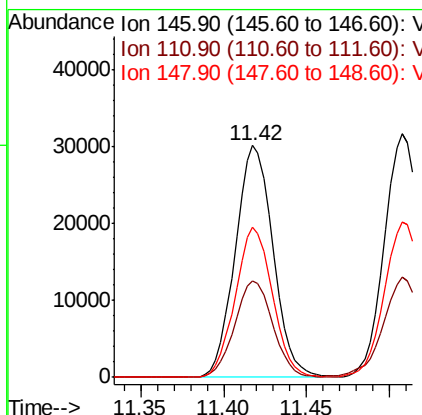
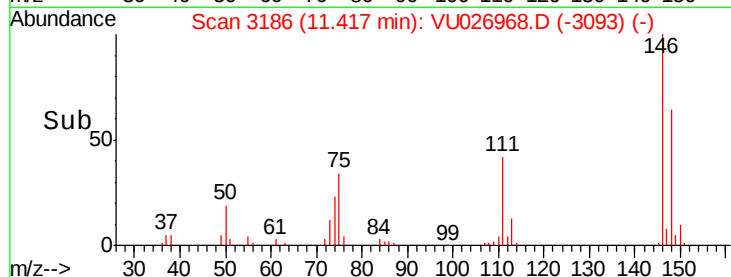
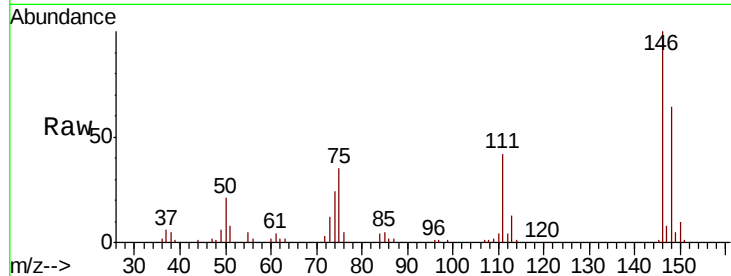




#87
 1,3-Dichlorobenzene
 Concen: 19.733 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

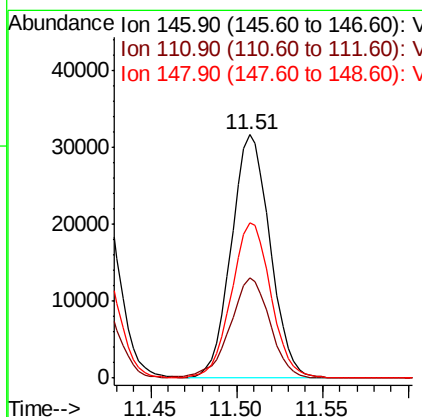
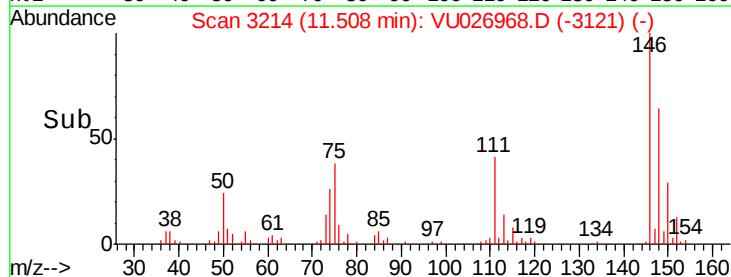
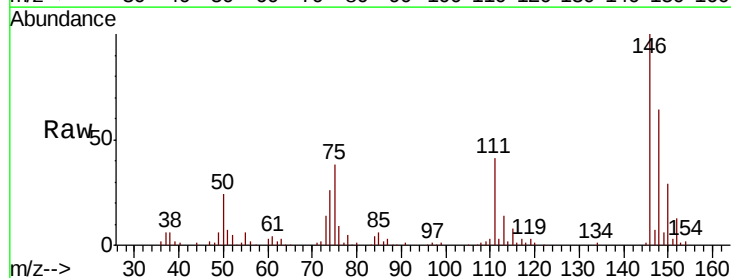
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

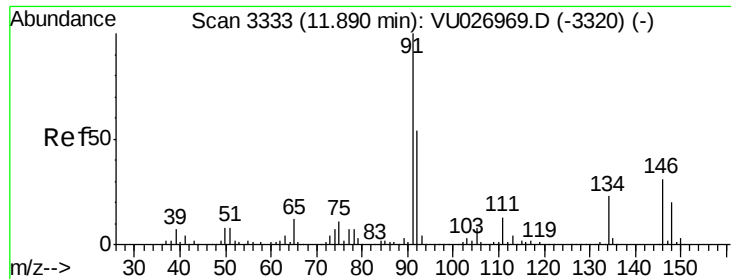
Tgt Ion:146 Resp: 47759
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion:146 Resp: 49559
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.3 60.9
 148 65.1 31.9 95.9

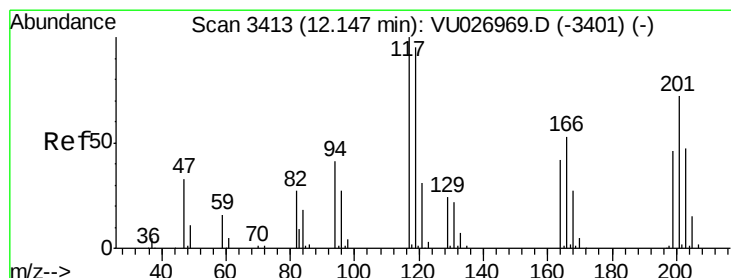
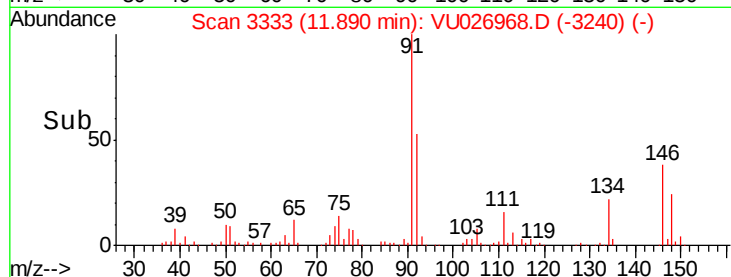
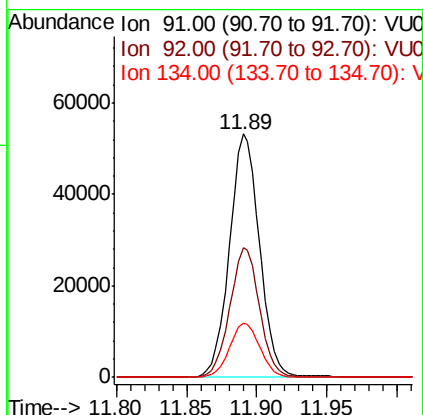
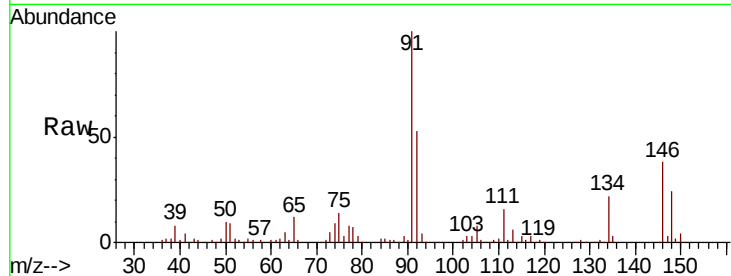




#89
n-Butylbenzene
Concen: 21.067 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

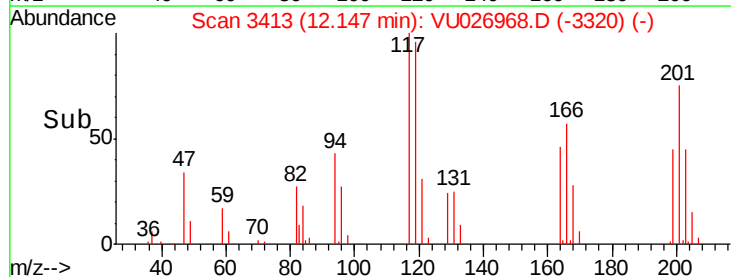
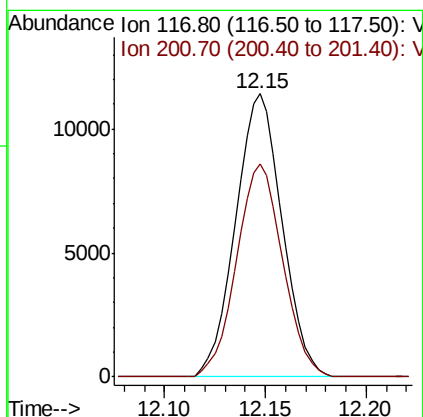
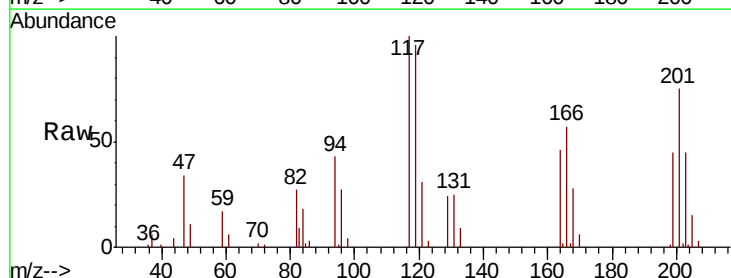
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 79350
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.2
134 22.4 11.7 35.0



#90
Hexachloroethane
Concen: 21.410 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion: 117 Resp: 18418
Ion Ratio Lower Upper
117 100
201 74.6 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 20.424 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

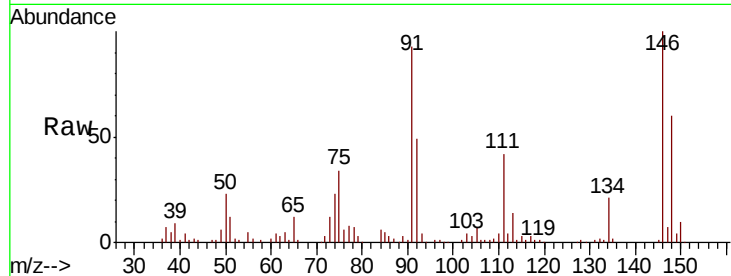
Tgt Ion:146 Resp: 49679

Ion Ratio Lower Upper

146 100

111 43.7 21.8 65.3

148 62.2 31.9 95.7

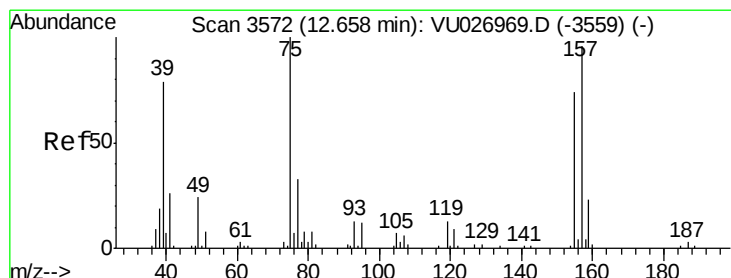
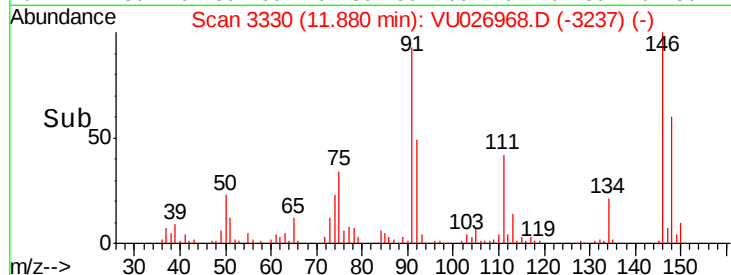
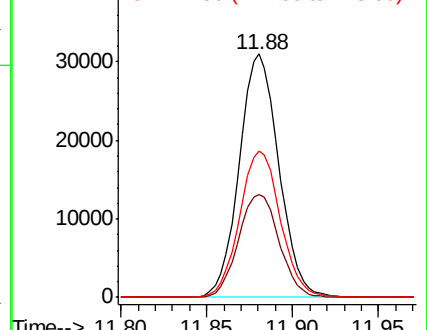


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.692 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026968.D

Acq: 21 Sep 2018 15:15

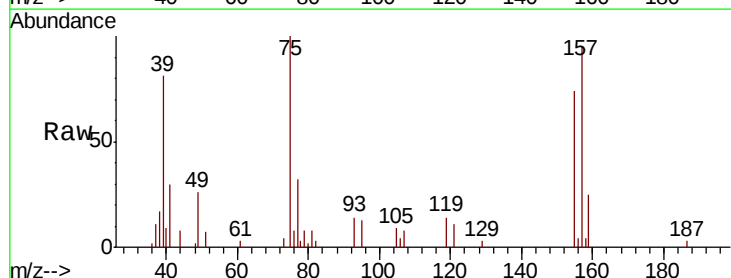
Tgt Ion: 75 Resp: 9530

Ion Ratio Lower Upper

75 100

155 75.4 36.6 109.8

157 95.9 47.4 142.2

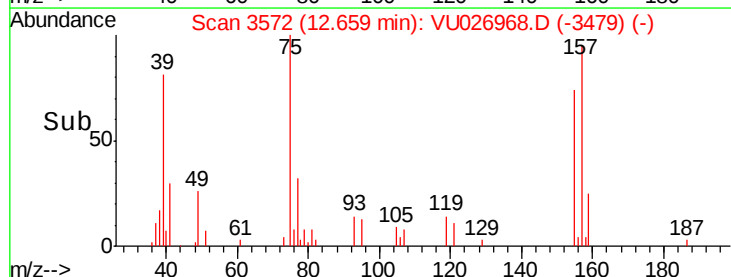
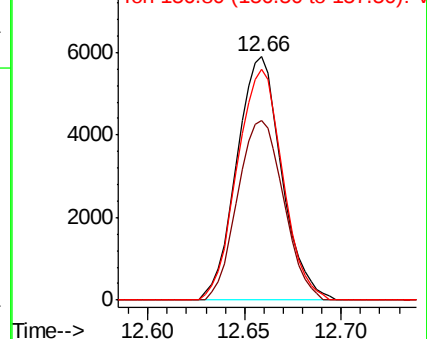


Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

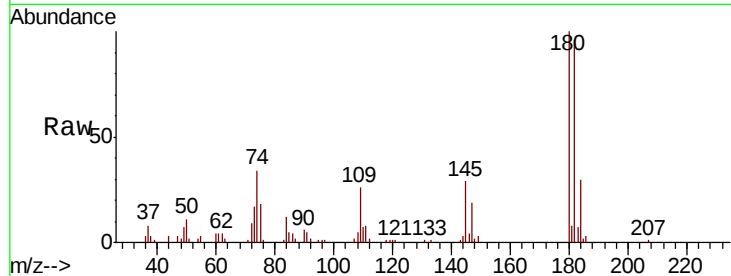




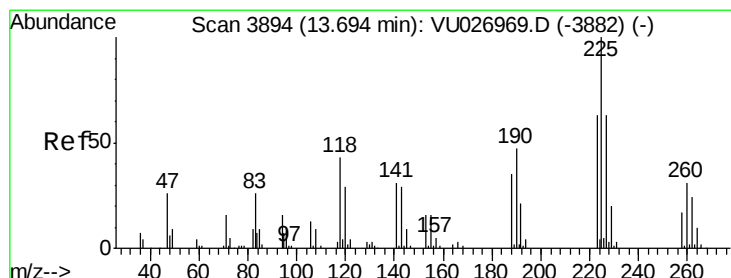
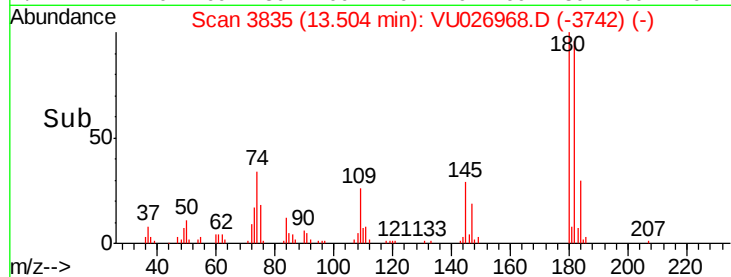
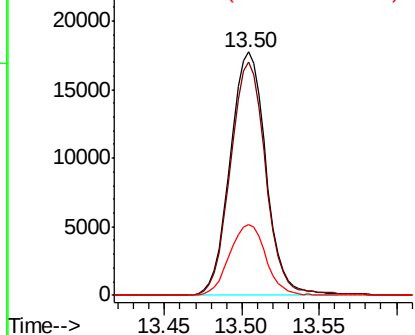
#93
 1,2,4-Trichlorobenzene
 Concen: 17.904 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 28471
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.4 142.2
 145 29.3 14.9 44.5

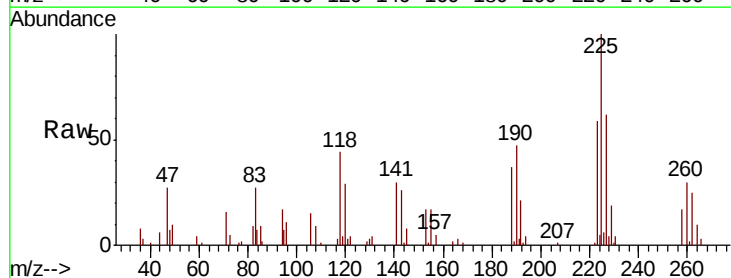


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

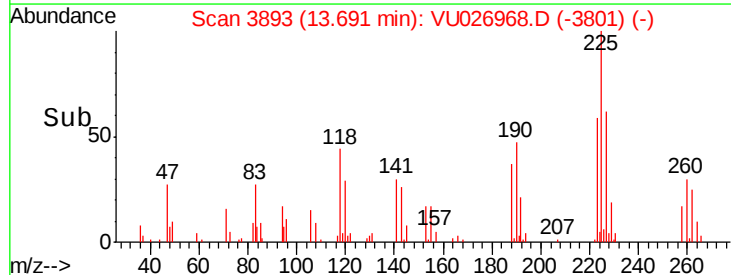
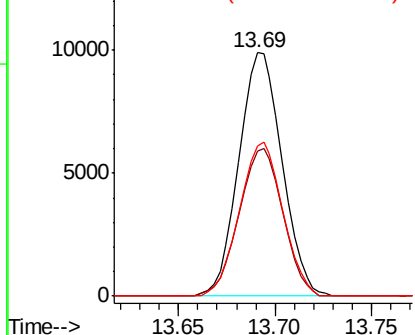


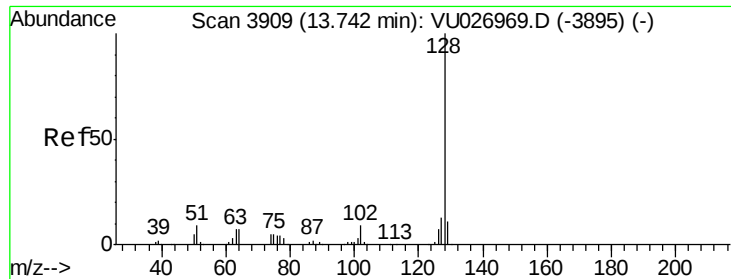
#94
 Hexachlorobutadiene
 Concen: 18.855 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU026968.D
 Acq: 21 Sep 2018 15:15

Tgt Ion:225 Resp: 15417
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.9 95.7
 227 63.2 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

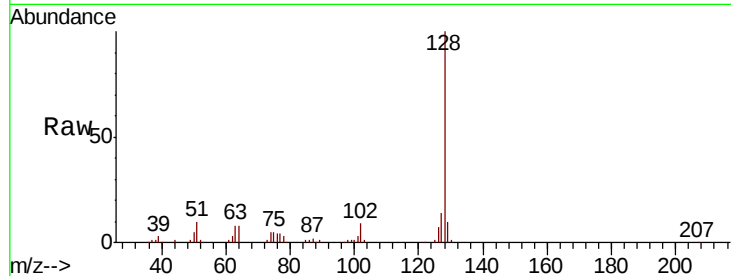




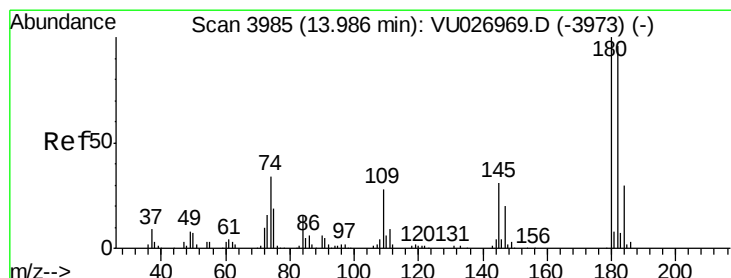
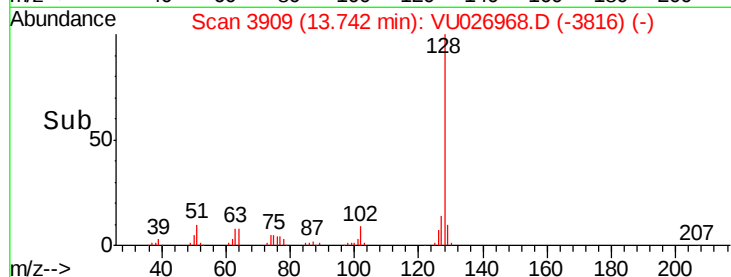
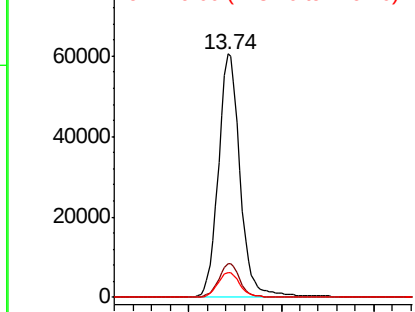
#95
Naphthalene
Concen: 20.078 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 98778
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.6 8.6 12.8

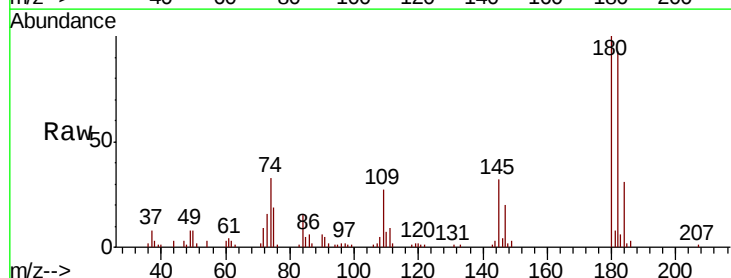


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.919 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU026968.D
Acq: 21 Sep 2018 15:15

Tgt Ion:180 Resp: 31579
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 31.2 15.4 46.4



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

