

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025038.D
 Acq On : 28 Jun 2018 23:09
 Operator : MD/SY
 Sample : VU0628MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

Quant Time: Jun 29 05:13:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274011	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141463	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	4.89	113	112095	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	7.57	98	371925	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	
62) 4-Bromofluorobenzene	10.31	95	150491	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	37438	16.958	ug/l	99
3) Chloromethane	1.33	50	39244	17.399	ug/l	99
4) Vinyl Chloride	1.40	62	42686	18.351	ug/l	100
5) Bromomethane	1.62	94	28958	25.753	ug/l	98
6) Chloroethane	1.70	64	28276	21.147	ug/l	98
7) Trichlorofluoromethane	1.89	101	71213	20.061	ug/l	98
8) Diethyl Ether	2.10	74	27993	22.123	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42664	19.373	ug/l	98
10) Methyl Iodide	2.41	142	41669	25.281	ug/l	96
11) Tert butyl alcohol	2.82	59	70607	100.825	ug/l	98
12) 1,1-Dichloroethene	2.29	96	38829	19.334	ug/l	94
13) Acrolein	2.19	56	22503	61.192	ug/l	98
14) Allyl chloride	2.60	41	65622	17.598	ug/l	98
15) Acrylonitrile	2.94	53	139563	102.431	ug/l	98
16) Acetone	2.32	43	131334	84.891	ug/l	96
17) Carbon Disulfide	2.48	76	108728	16.908	ug/l	99
18) Methyl Acetate	2.62	43	81943	24.707	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	157069	20.806	ug/l	95
20) Methylene Chloride	2.71	84	48830	20.115	ug/l	93
21) trans-1,2-Dichloroethene	2.99	96	42566	19.244	ug/l	99
22) Diisopropyl ether	3.57	45	148445	20.082	ug/l	93
23) Vinyl Acetate	3.53	43	615636	92.973	ug/l	99
24) 1,1-Dichloroethane	3.45	63	85913	20.203	ug/l	97
25) 2-Butanone	4.26	43	198992	95.757	ug/l	99
26) 2,2-Dichloropropane	4.23	77	63887	15.822	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50209	19.744	ug/l	98
28) Bromochloromethane	4.55	49	39736	21.215	ug/l	86
29) Tetrahydrofuran	4.63	42	128232	99.644	ug/l	96
30) Chloroform	4.68	83	89265	20.739	ug/l	97
31) Cyclohexane	5.00	56	78725	19.649	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	81001	20.351	ug/l	94
36) 1,1-Dichloropropene	5.14	75	62681	19.467	ug/l	97
37) Ethyl Acetate	4.38	43	74208	21.145	ug/l	98
38) Carbon Tetrachloride	5.14	117	70466	19.901	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77343	19.249	ug/l	98
40) Benzene	5.39	78	188228	20.516	ug/l	100
41) Methacrylonitrile	4.54	41	40835	21.581	ug/l	97
42) 1,2-Dichloroethane	5.41	62	77840	22.276	ug/l	99
43) Isopropyl Acetate	5.55	43	118870	19.596	ug/l	98
44) Trichloroethene	6.19	130	51107	19.573	ug/l	95
45) 1,2-Dichloropropane	6.44	63	49895	20.382	ug/l	96
46) Dibromomethane	6.56	93	36249	21.081	ug/l	96
47) Bromodichloromethane	6.76	83	67632	19.752	ug/l	96
48) Methyl methacrylate	6.63	41	61063	20.672	ug/l	98
49) 1,4-Dioxane	6.62	88	27782	480.938	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	386071	101.303	ug/l	99
52) Toluene	7.64	92	117949	19.982	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	69887	18.175	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	73808	18.013	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	49005	20.424	ug/l	97
56) Ethyl methacrylate	8.02	69	78283	19.493	ug/l	98
57) 1,3-Dichloropropane	8.25	76	83994	20.752	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	33652	21.873	ug/l	96
59) 2-Hexanone	8.36	43	306394	98.476	ug/l	100
60) Dibromochloromethane	8.48	129	53345	17.829	ug/l	99
61) 1,2-Dibromoethane	8.59	107	53465	20.020	ug/l	98
64) Tetrachloroethene	8.23	164	50029	20.608	ug/l	96
65) Chlorobenzene	9.12	112	134548	20.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	51003	20.576	ug/l	98
67) Ethyl Benzene	9.25	91	232324	20.311	ug/l	97
68) m/p-Xylenes	9.38	106	180123	41.010	ug/l	98
69) o-Xylene	9.78	106	89701	20.636	ug/l	97
70) Styrene	9.80	104	140121	19.616	ug/l	99
71) Bromoform	9.96	173	40446	17.167	ug/l #	98
73) Isopropylbenzene	10.17	105	239658	21.244	ug/l	99
74) N-amyl acetate	10.01	43	99860	18.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	80438	21.278	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	93989	29.054	ug/l	81
77) Bromobenzene	10.45	156	60663	21.241	ug/l	95
78) n-propylbenzene	10.59	91	263384	19.820	ug/l	97
79) 2-Chlorotoluene	10.66	91	165856	21.164	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	204653	20.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	93989	67.244	ug/l #	100
82) 4-Chlorotoluene	10.78	91	185938	20.385	ug/l	99
83) tert-Butylbenzene	11.10	119	202016	21.479	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	203656	20.438	ug/l	100
85) sec-Butylbenzene	11.33	105	241516	20.514	ug/l	98
86) p-Isopropyltoluene	11.48	119	210025	19.919	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	107249	20.326	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106706	20.093	ug/l	99
89) n-Butylbenzene	11.89	91	160138	17.106	ug/l	97
90) Hexachloroethane	12.15	117	36179	17.589	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	111617	21.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20122	19.291	ug/l	91

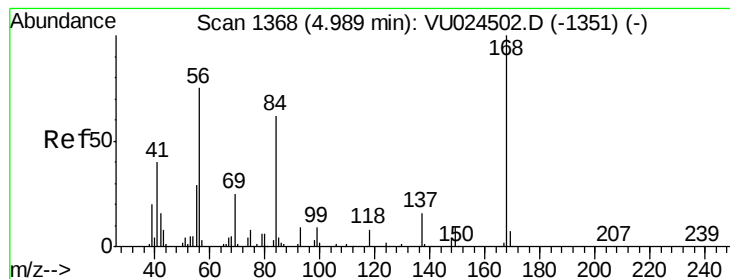
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	64877	19.879	ug/l	99
94) Hexachlorobutadiene	13.70	225	36536	19.890	ug/l	98
95) Naphthalene	13.75	128	220301	20.793	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	69537	21.383	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

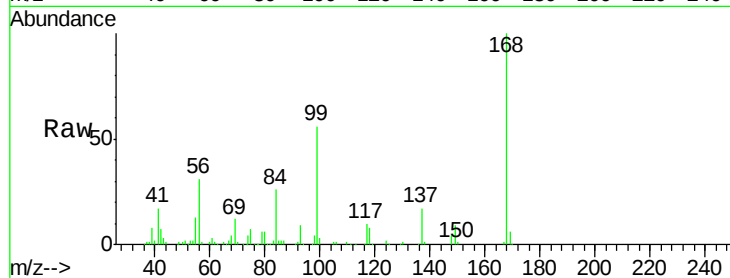
VU0628MBS02

Tgt Ion:168 Resp: 176377

Ion Ratio Lower Upper

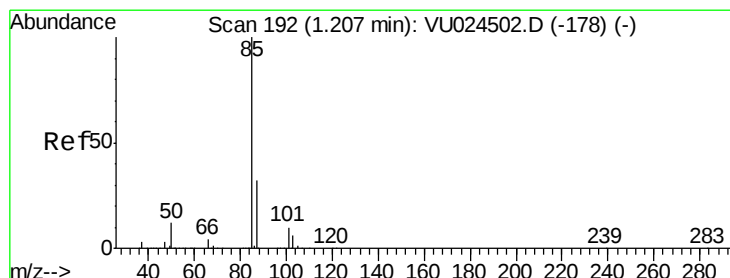
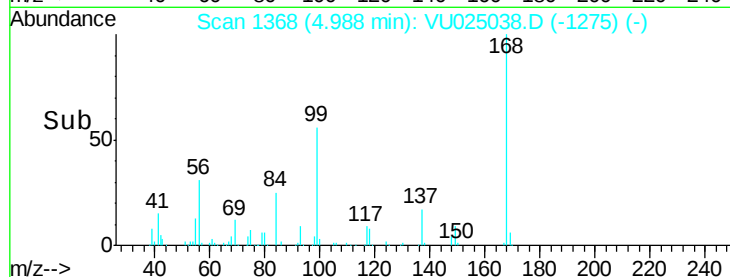
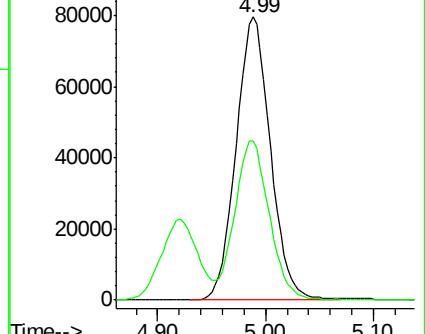
168 100

99 55.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 16.958 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025038.D

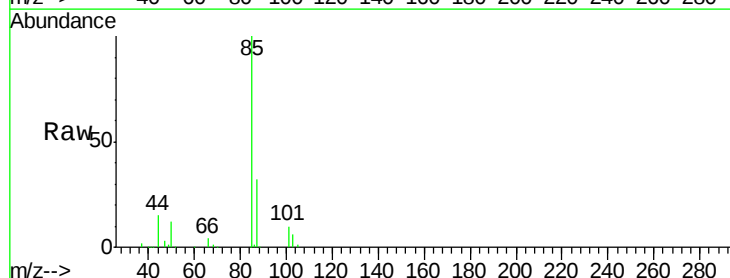
Acq: 28 Jun 2018 23:09

Tgt Ion: 85 Resp: 37438

Ion Ratio Lower Upper

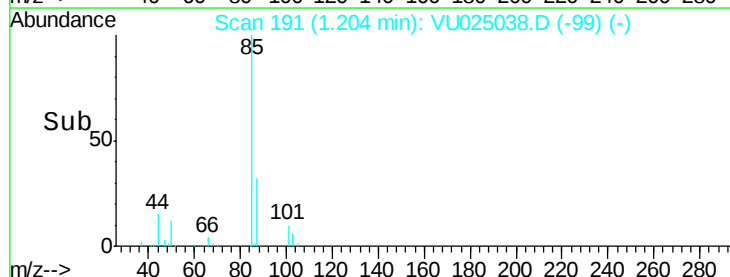
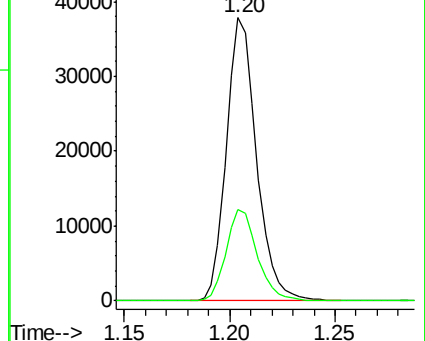
85 100

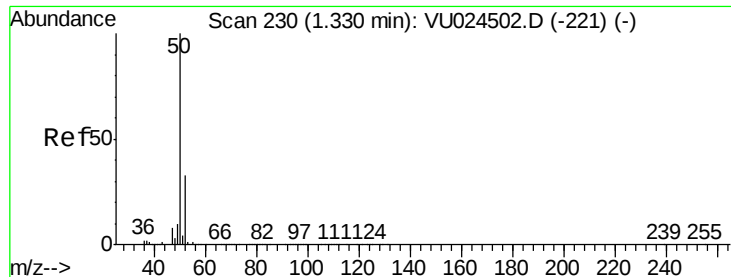
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 17.399 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

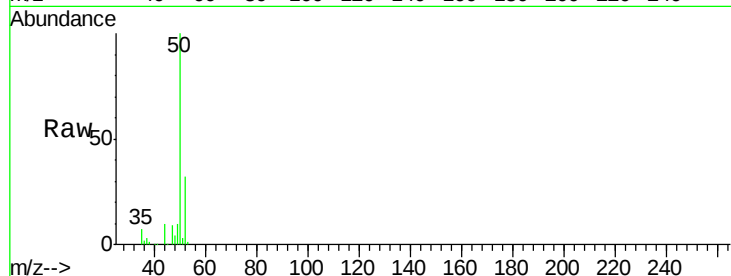
VU0628MBS02

Tgt Ion: 50 Resp: 39244

Ion Ratio Lower Upper

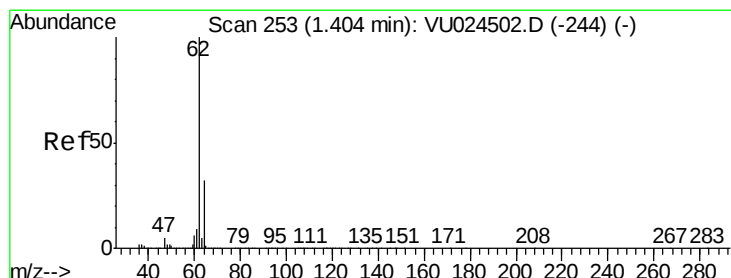
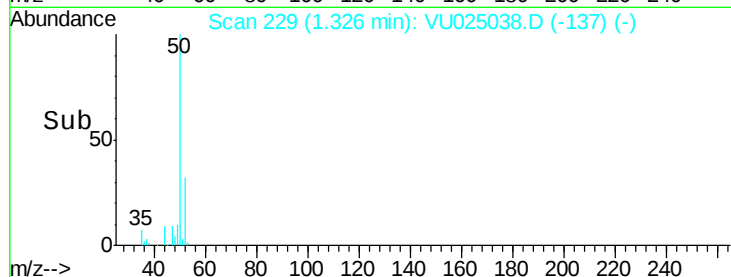
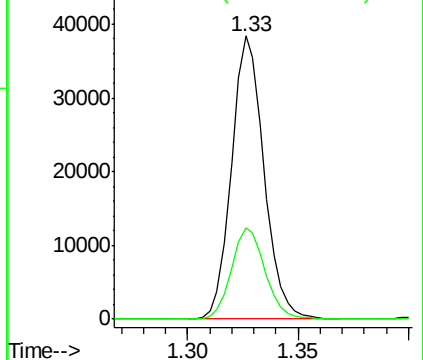
50 100

52 32.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 18.351 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025038.D

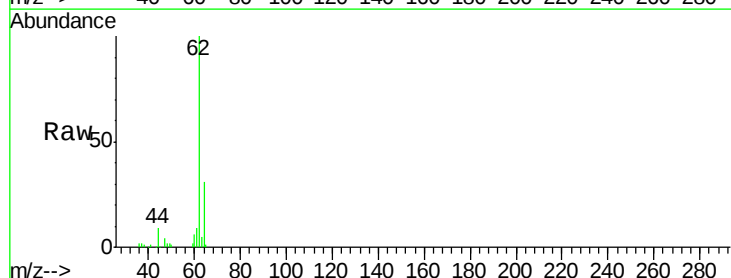
Acq: 28 Jun 2018 23:09

Tgt Ion: 62 Resp: 42686

Ion Ratio Lower Upper

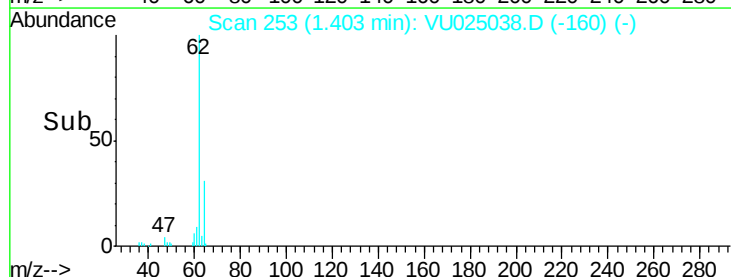
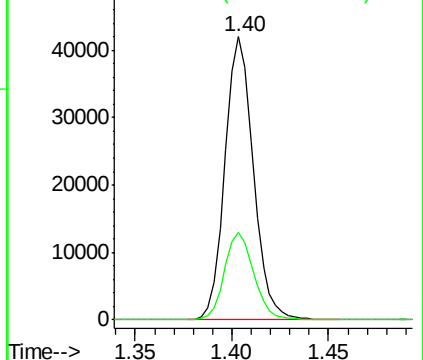
62 100

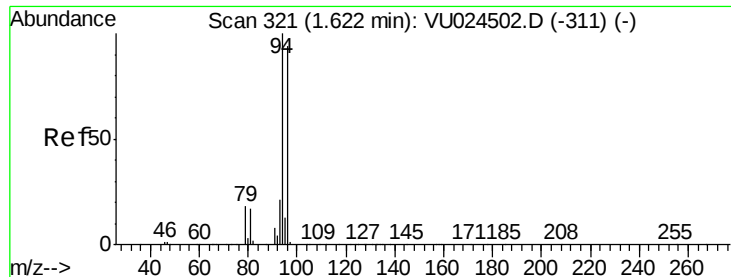
64 31.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 25.753 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

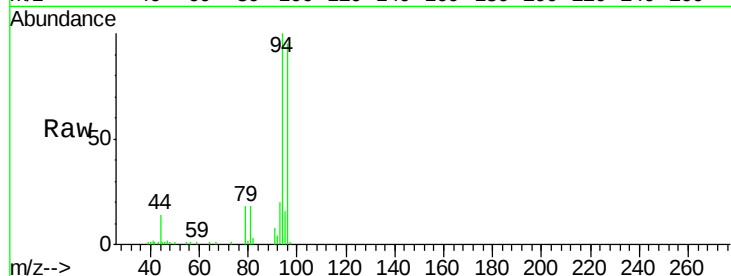
VU0628MBS02

Tgt Ion: 94 Resp: 28958

Ion Ratio Lower Upper

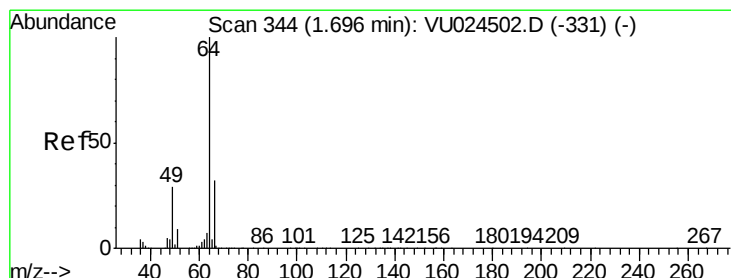
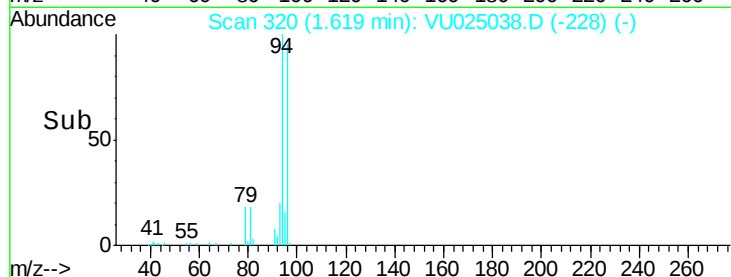
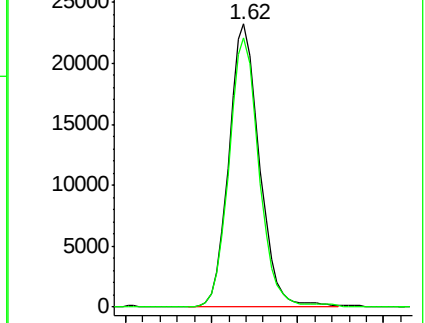
94 100

96 95.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 21.147 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025038.D

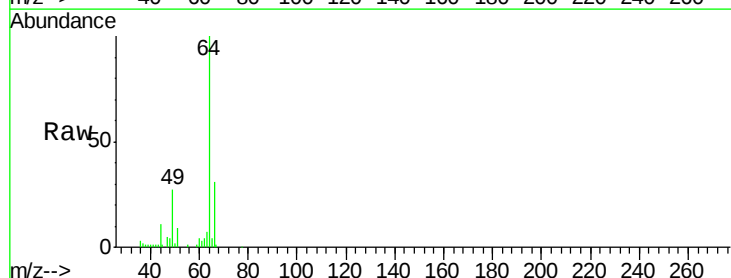
Acq: 28 Jun 2018 23:09

Tgt Ion: 64 Resp: 28276

Ion Ratio Lower Upper

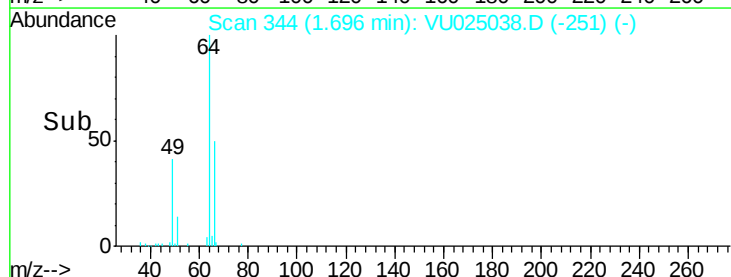
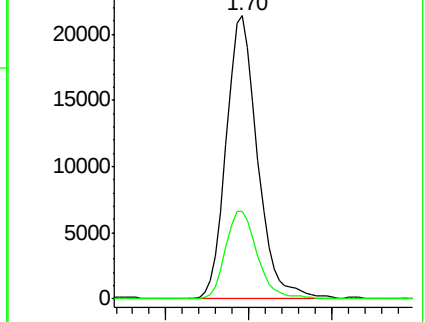
64 100

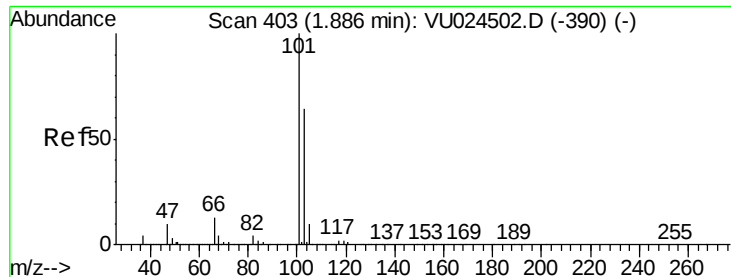
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



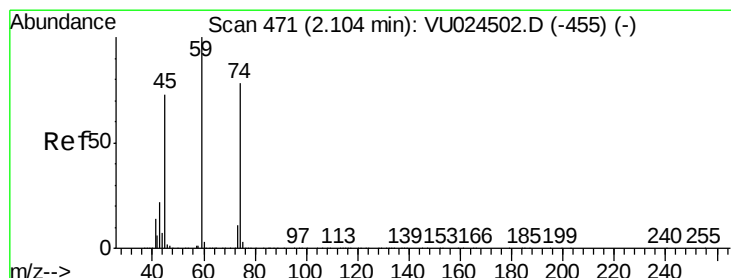
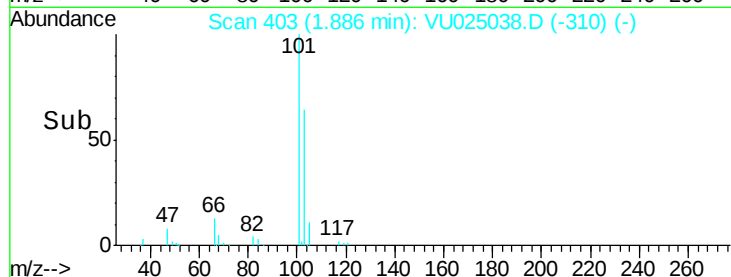
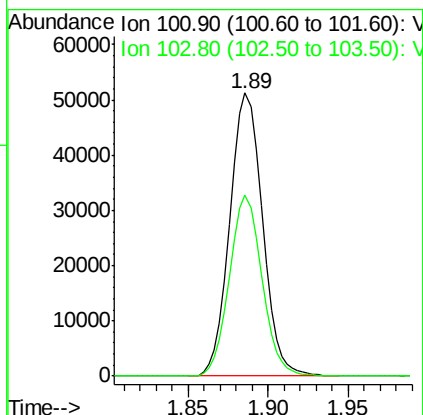
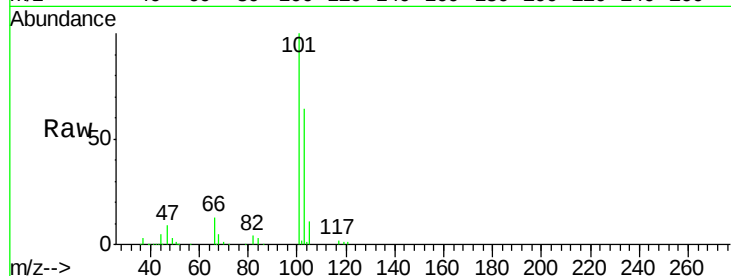


#7

Trichlorofluoromethane
 Concen: 20.061 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

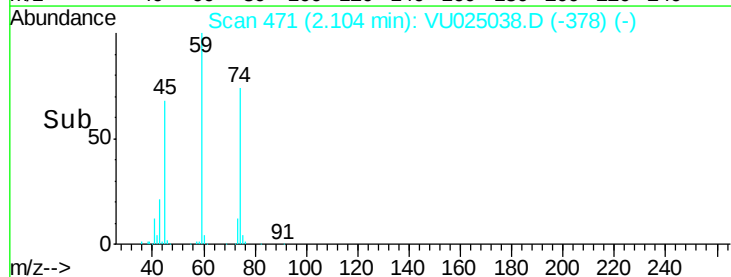
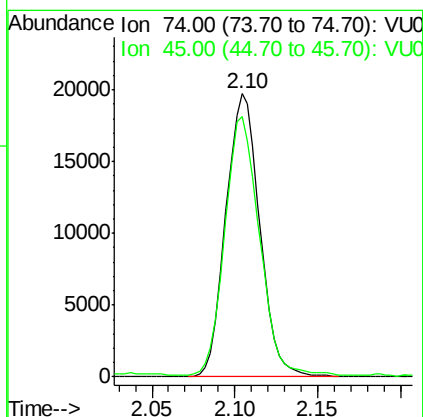
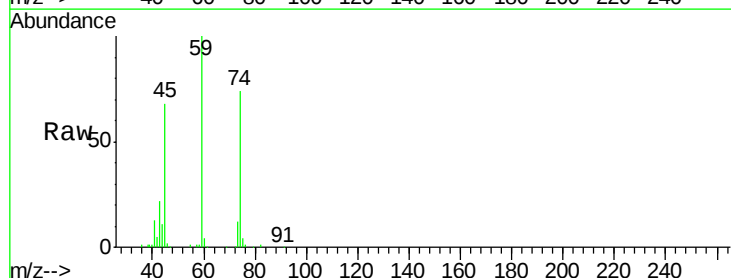
Tgt Ion:101 Resp: 71213
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

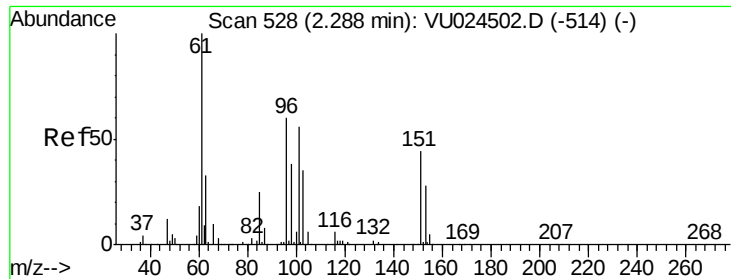


#8

Diethyl Ether
 Concen: 22.123 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 74 Resp: 27993
 Ion Ratio Lower Upper
 74 100
 45 93.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.373 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

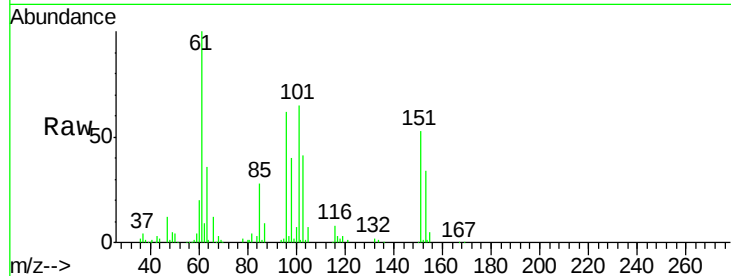
Tgt Ion:101 Resp: 42664

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

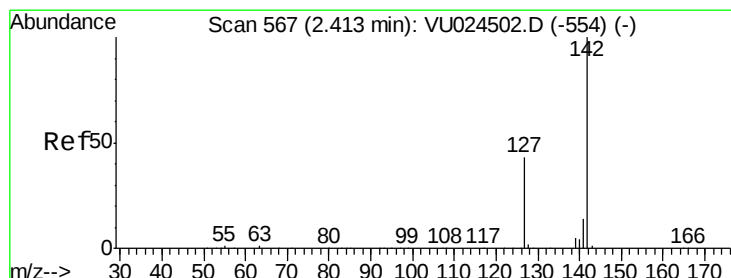
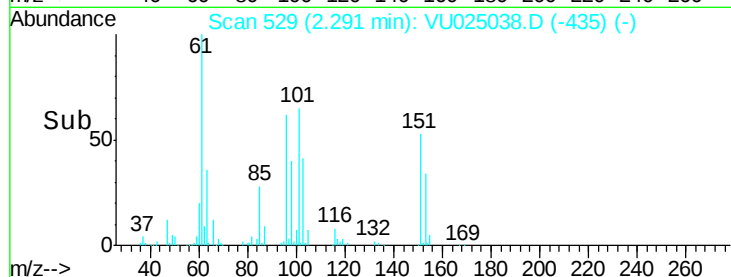
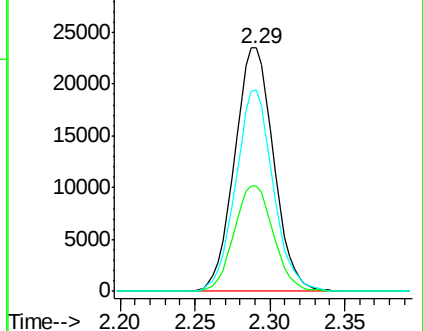
151 79.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 25.281 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

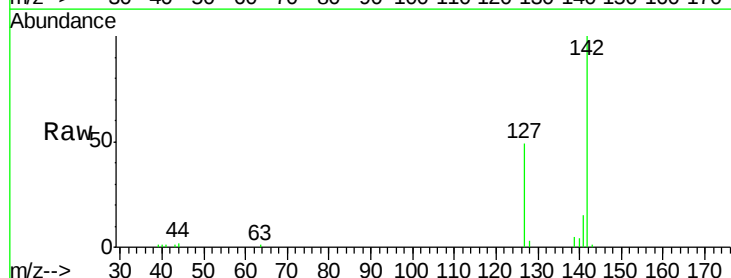
Tgt Ion:142 Resp: 41669

Ion Ratio Lower Upper

142 100

127 47.8 35.6 53.4

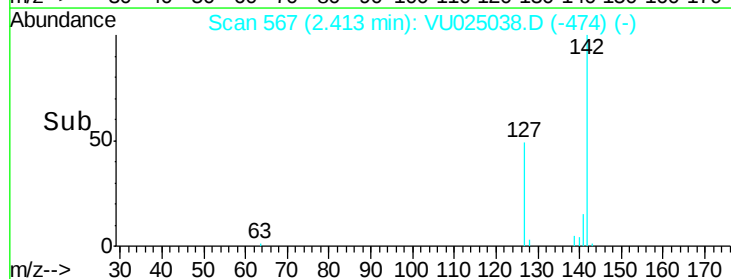
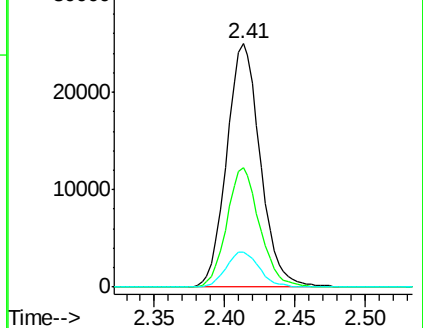
141 14.3 11.7 17.5

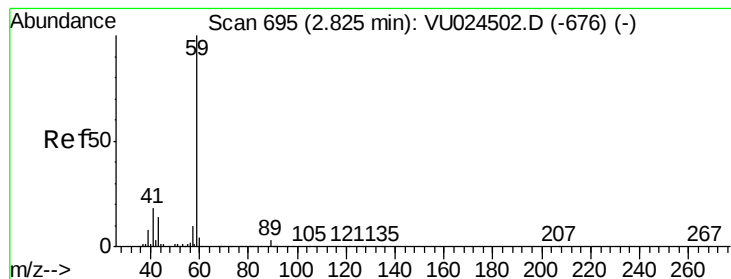


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



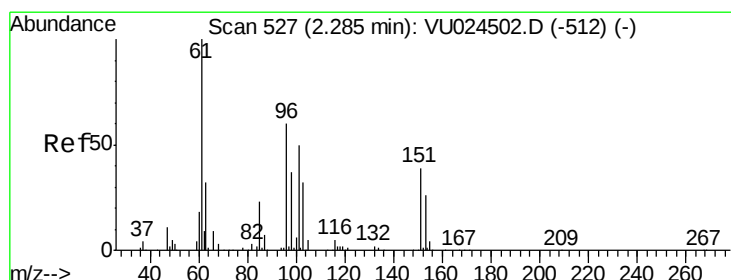
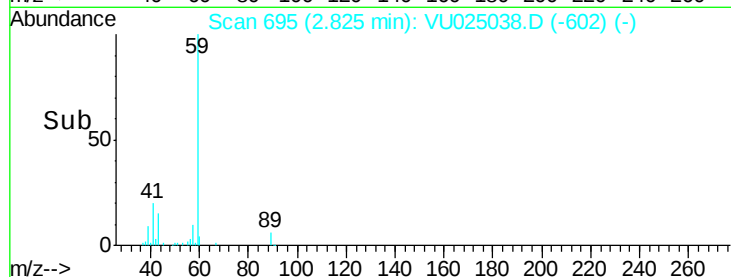
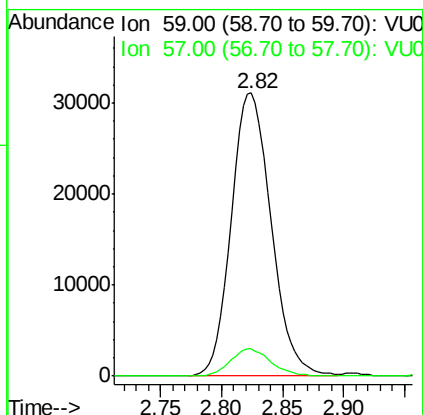
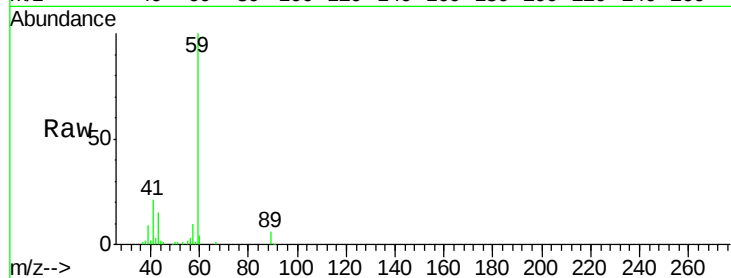


#11

Tert butyl alcohol
 Concen: 100.825 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

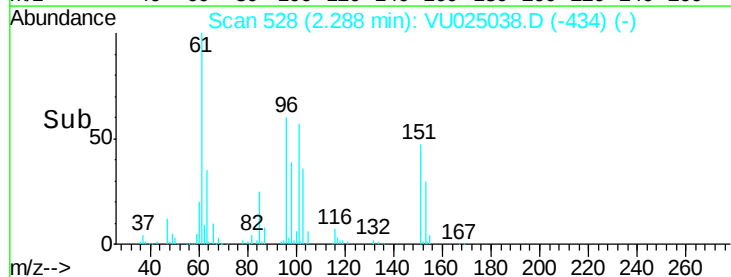
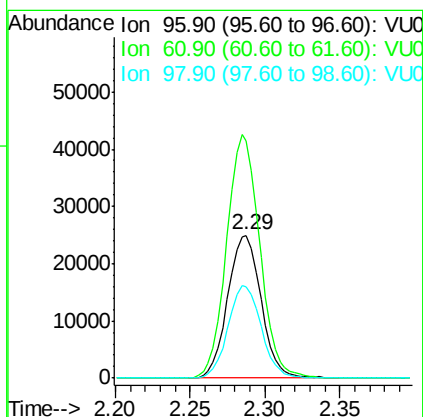
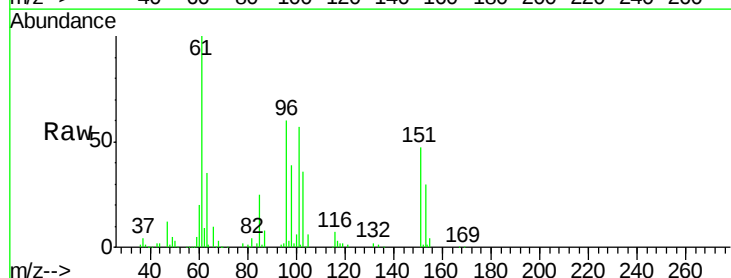
Tgt Ion: 59 Resp: 70607
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

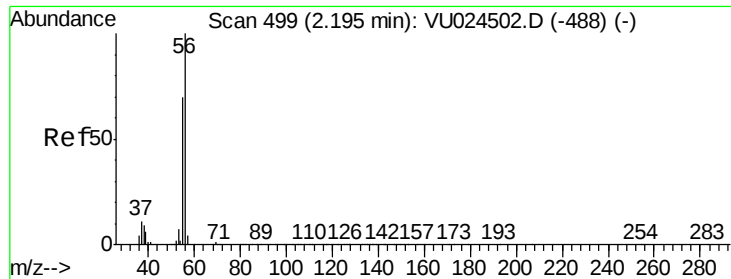


#12

1,1-Dichloroethene
 Concen: 19.334 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 96 Resp: 38829
 Ion Ratio Lower Upper
 96 100
 61 166.3 141.7 212.5
 98 64.2 51.6 77.4





#13

Acrolein

Concen: 61.192 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

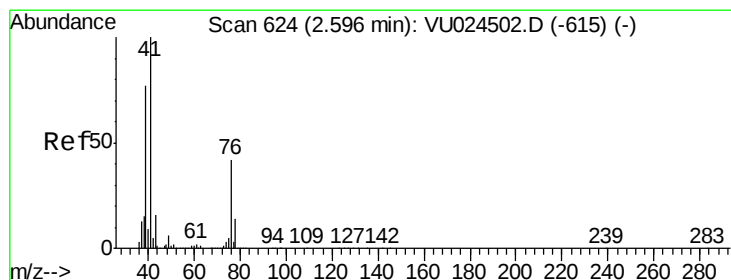
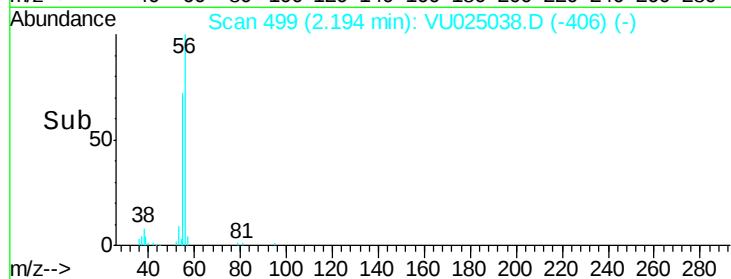
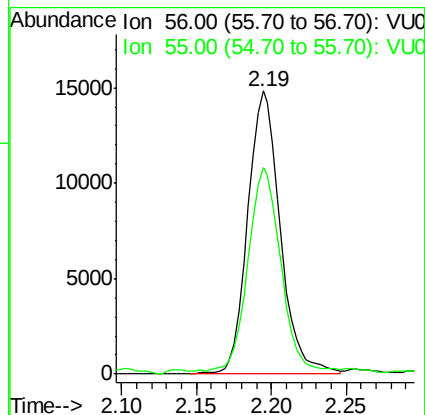
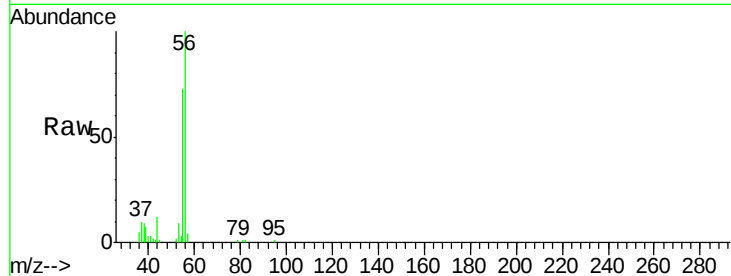
VU0628MBS02

Tgt Ion: 56 Resp: 22503

Ion Ratio Lower Upper

56 100

55 71.4 58.4 87.6



#14

Allyl chloride

Concen: 17.598 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

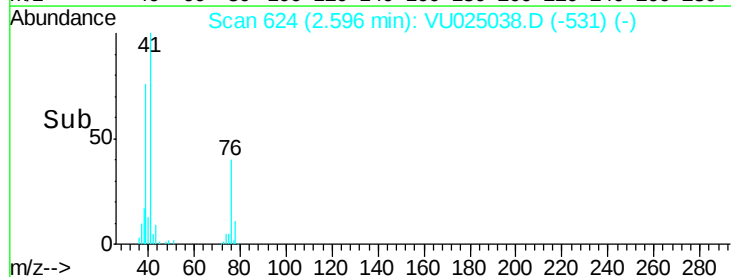
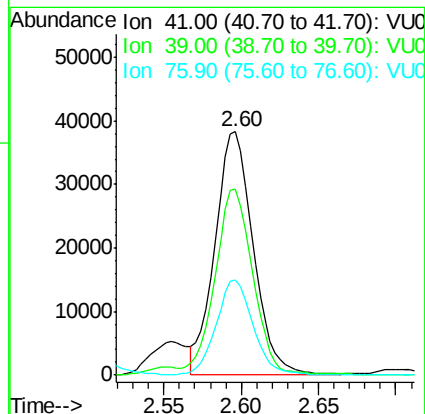
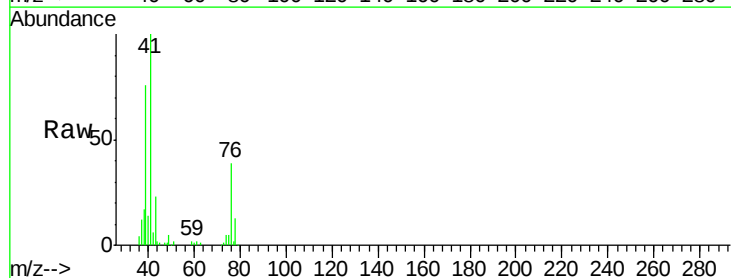
Tgt Ion: 41 Resp: 65622

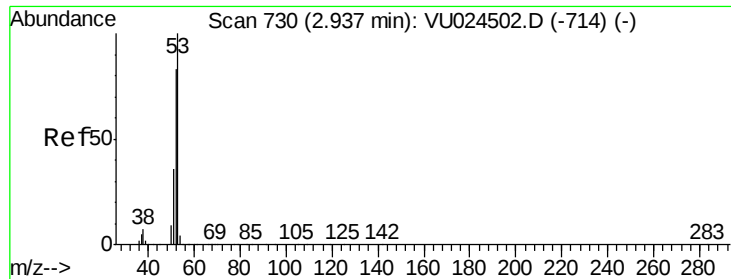
Ion Ratio Lower Upper

41 100

39 74.6 61.6 92.4

76 37.8 29.7 44.5

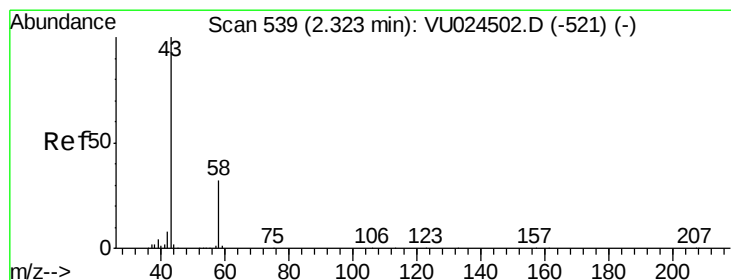
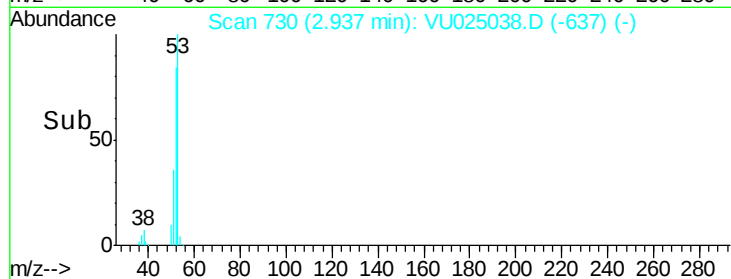
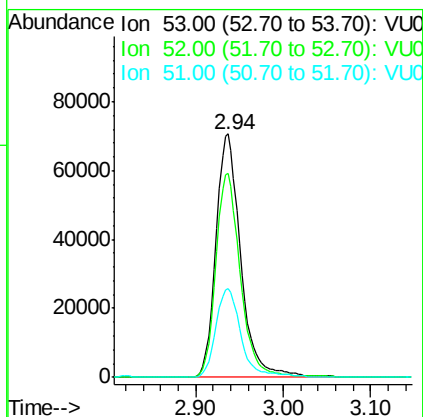
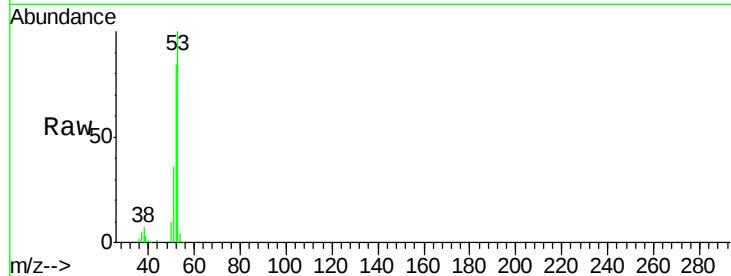




#15
 Acrylonitrile
 Concen: 102.431 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

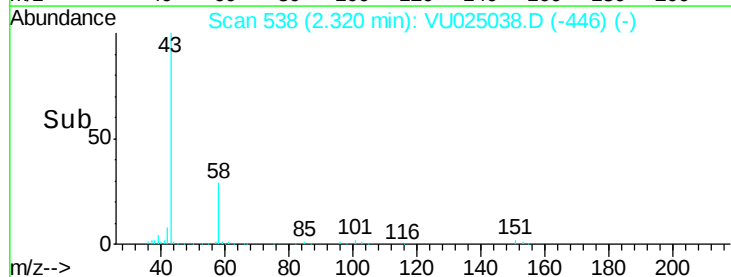
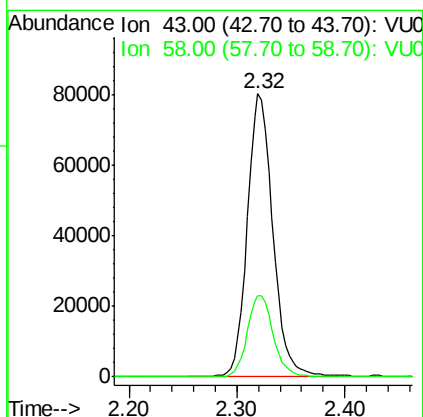
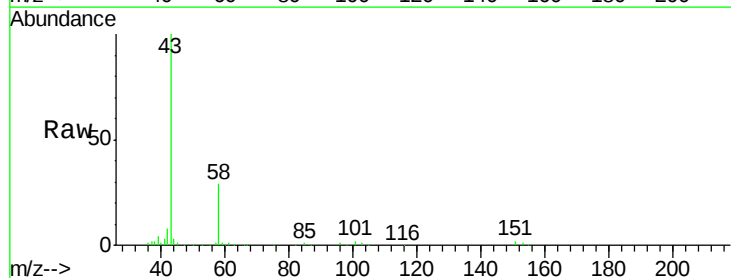
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

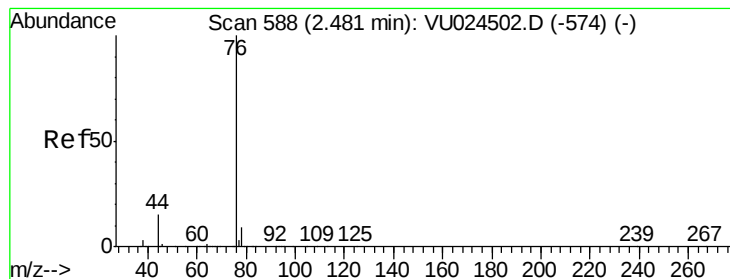
Tgt Ion: 53 Resp: 139563
 Ion Ratio Lower Upper
 53 100
 52 82.9 67.1 100.7
 51 37.1 28.4 42.6



#16
 Acetone
 Concen: 84.891 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 43 Resp: 131334
 Ion Ratio Lower Upper
 43 100
 58 28.6 24.4 36.6





#17

Carbon Disulfide

Concen: 16.908 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

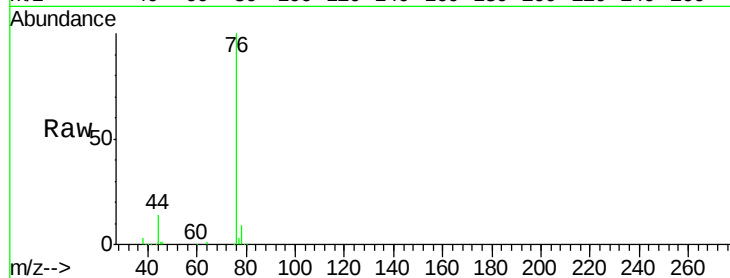
VU0628MBS02

Tgt Ion: 76 Resp: 108728

Ion Ratio Lower Upper

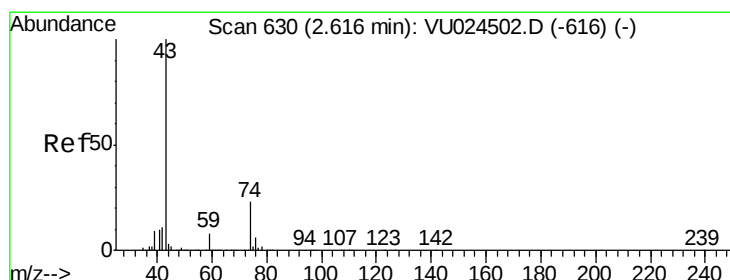
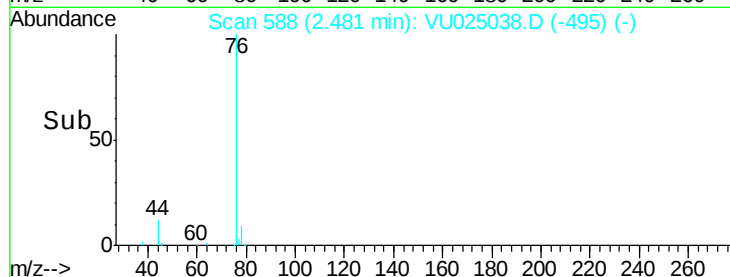
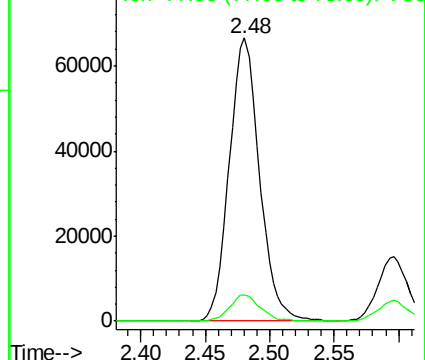
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 24.707 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025038.D

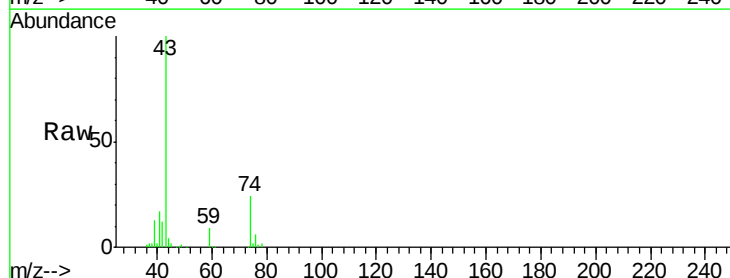
Acq: 28 Jun 2018 23:09

Tgt Ion: 43 Resp: 81943

Ion Ratio Lower Upper

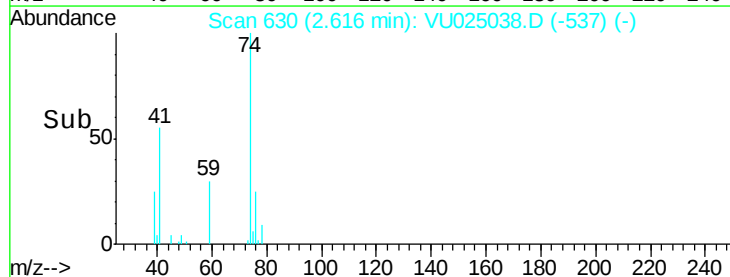
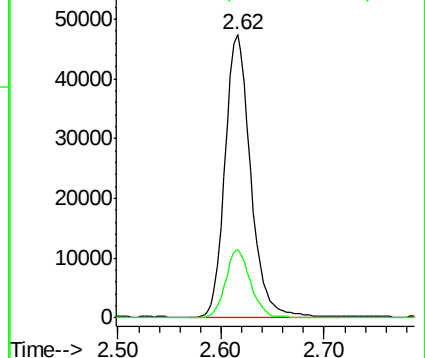
43 100

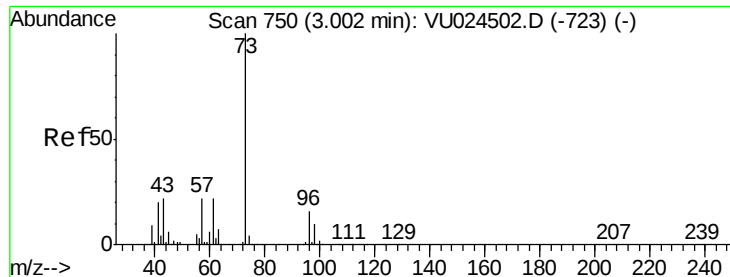
74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

Methyl tert-butyl Ether

Concen: 20.806 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

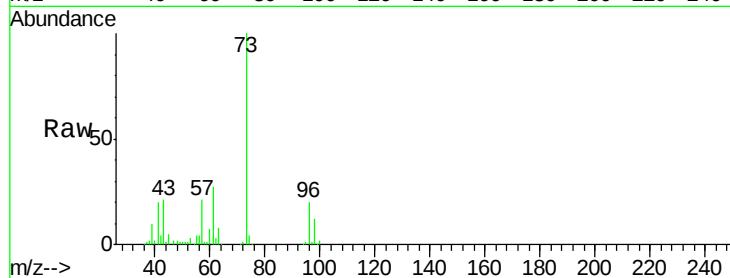
VU0628MBS02

Tgt Ion: 73 Resp: 157069

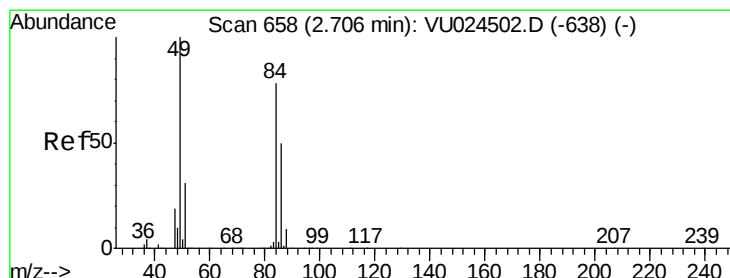
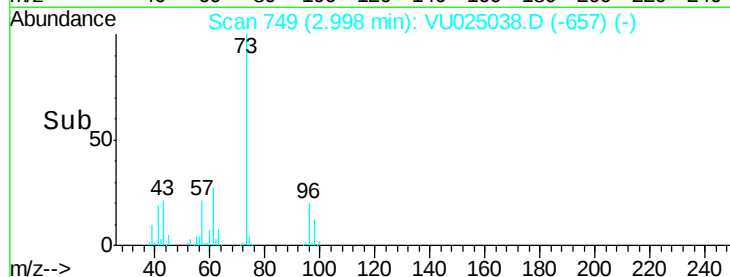
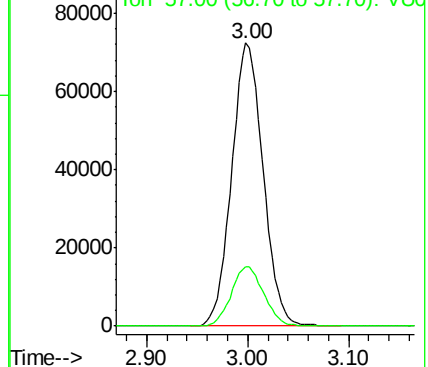
Ion Ratio Lower Upper

73 100

57 21.0 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024502.D (-723) (-)



#20

Methylene Chloride

Concen: 20.115 ug/l

RT: 2.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Tgt Ion: 84 Resp: 48830

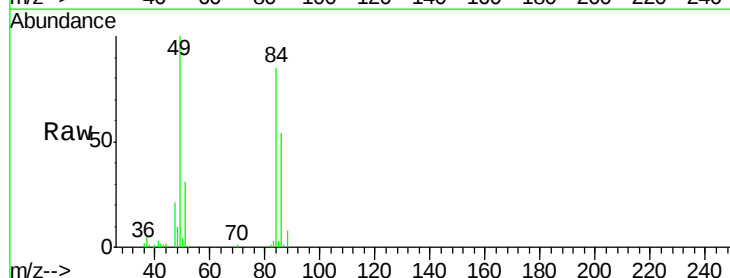
Ion Ratio Lower Upper

84 100

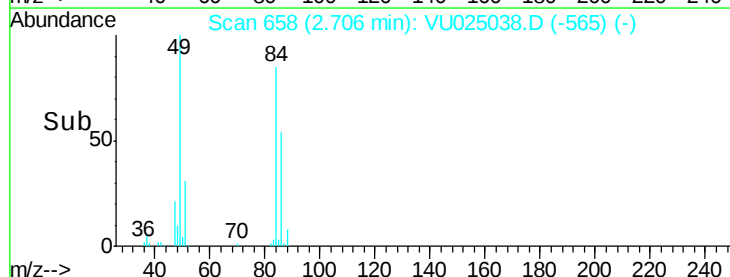
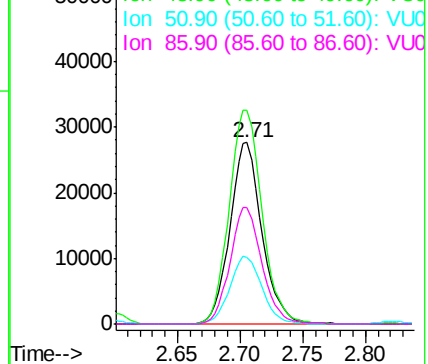
49 117.5 103.8 155.8

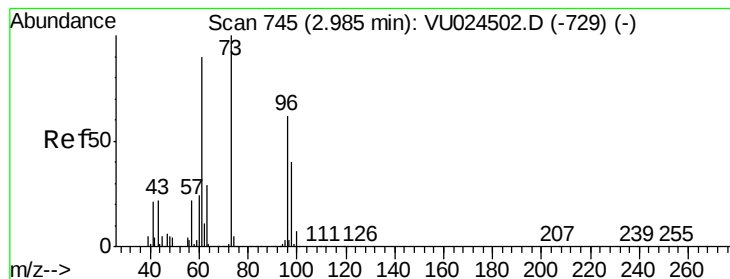
51 36.9 32.0 48.0

86 63.8 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024502.D (-638) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.244 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

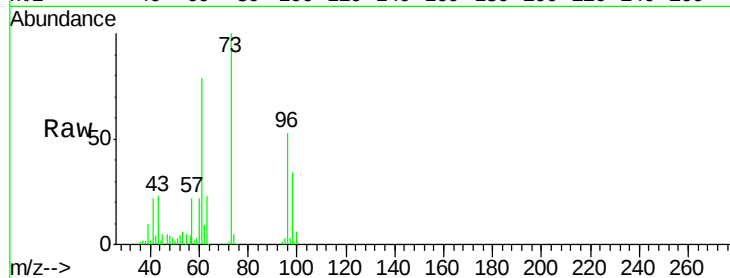
Tgt Ion: 96 Resp: 42566

Ion Ratio Lower Upper

96 100

61 150.9 119.4 179.0

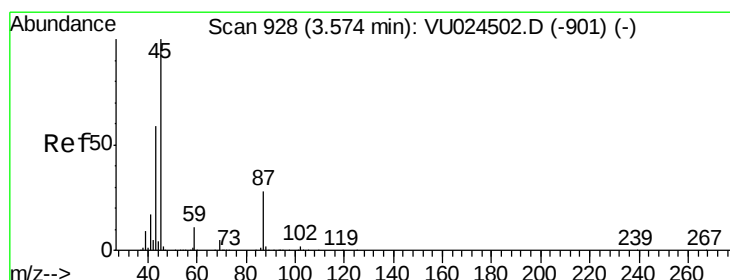
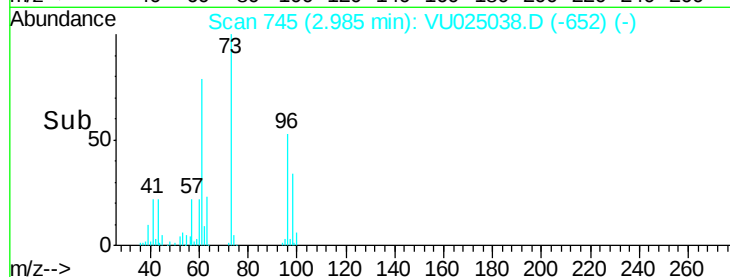
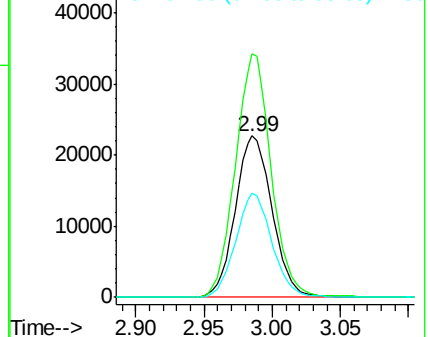
98 64.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.082 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Tgt Ion: 45 Resp: 148445

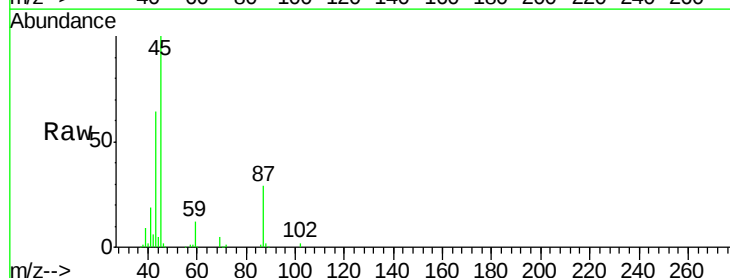
Ion Ratio Lower Upper

45 100

43 63.3 45.8 68.6

87 28.8 20.6 31.0

59 12.0 9.4 14.0

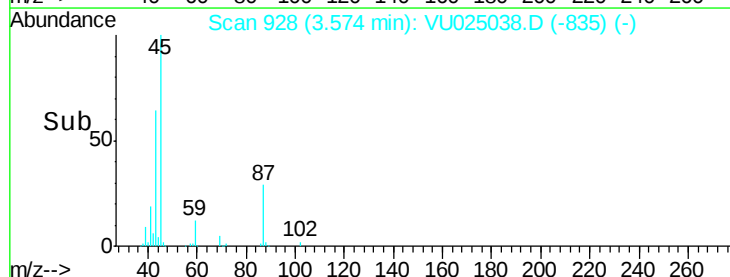
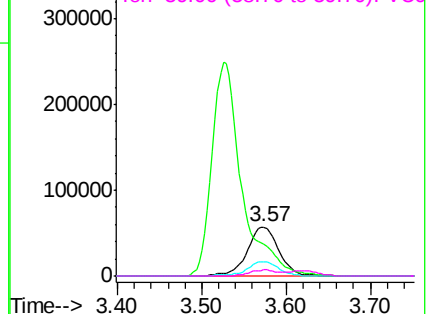


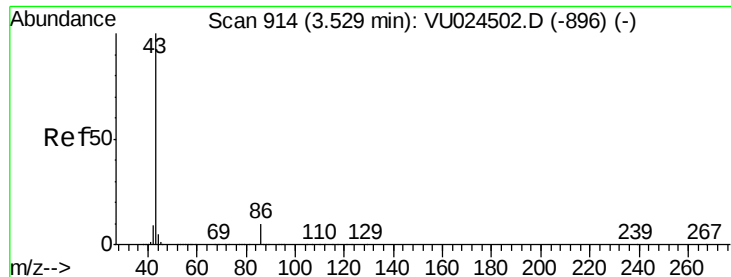
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 92.973 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

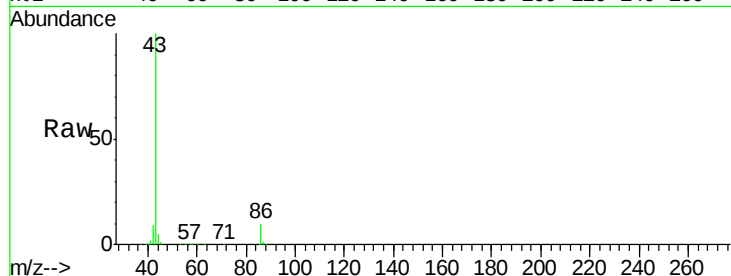
VU0628MBS02

Tgt Ion: 43 Resp: 615636

Ion Ratio Lower Upper

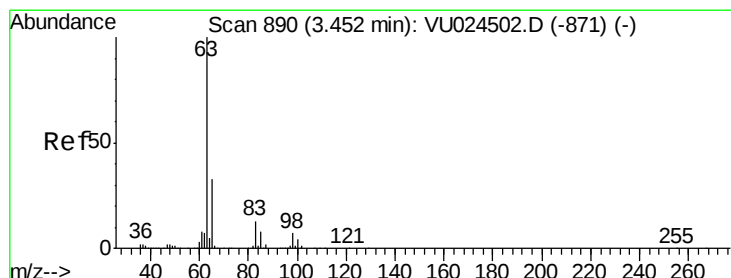
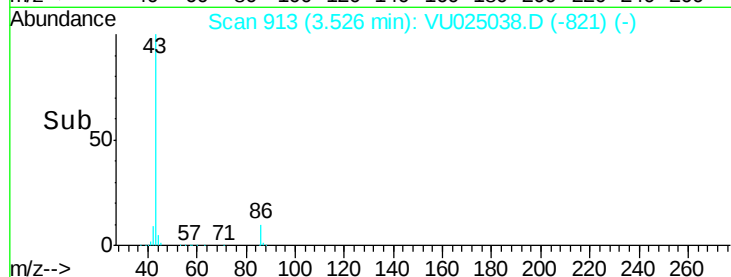
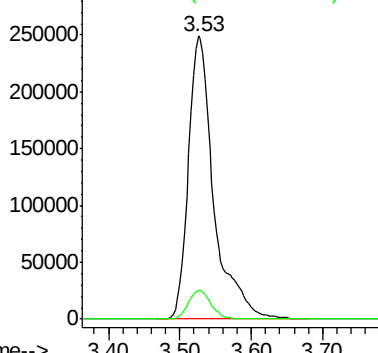
43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.203 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

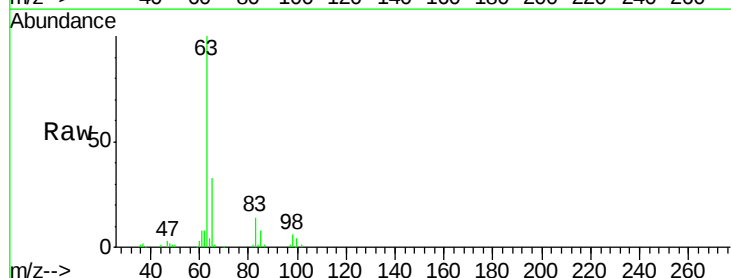
Tgt Ion: 63 Resp: 85913

Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.4

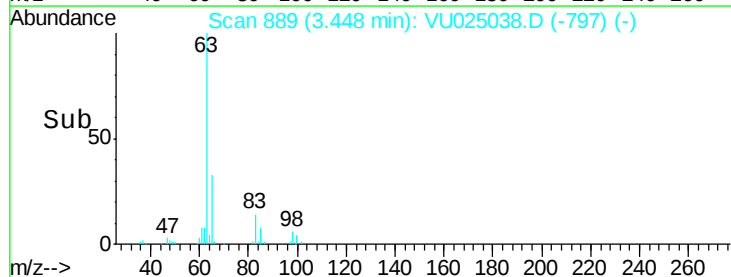
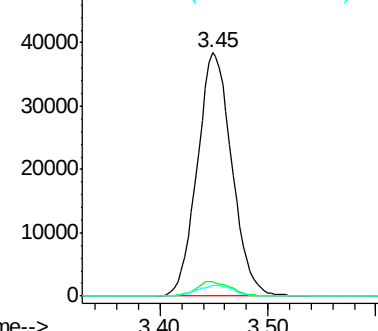
100 4.4 1.8 5.5

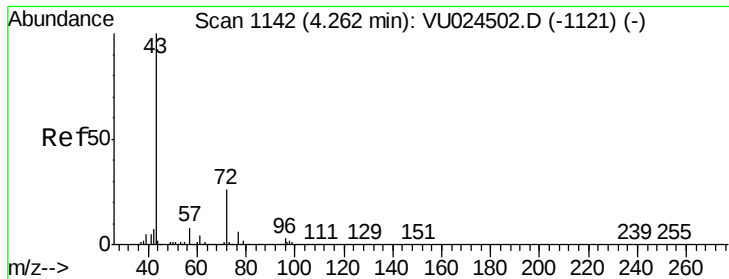


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 95.757 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

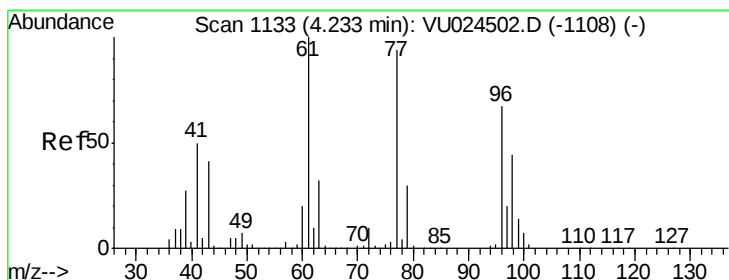
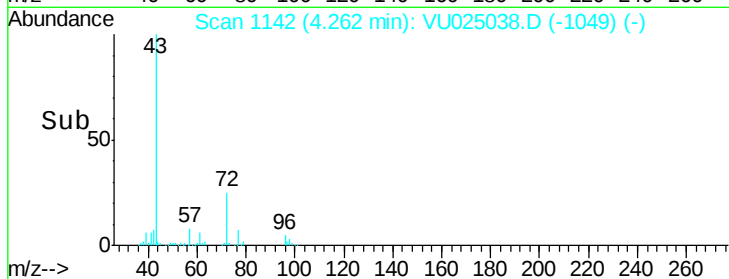
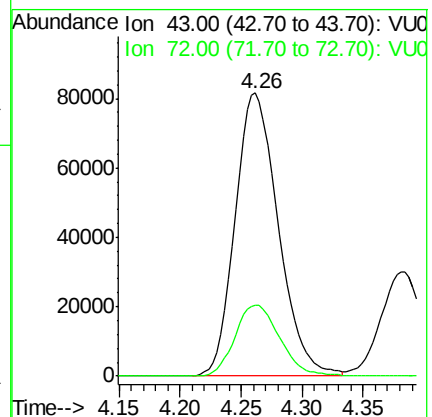
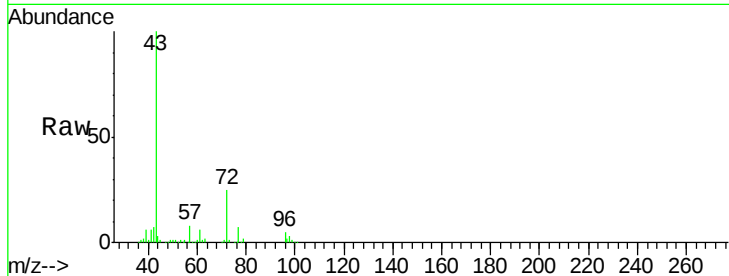
VU0628MBS02

Tgt Ion: 43 Resp: 198992

Ion Ratio Lower Upper

43 100

72 25.1 19.6 29.4



#26

2,2-Dichloropropane

Concen: 15.822 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025038.D

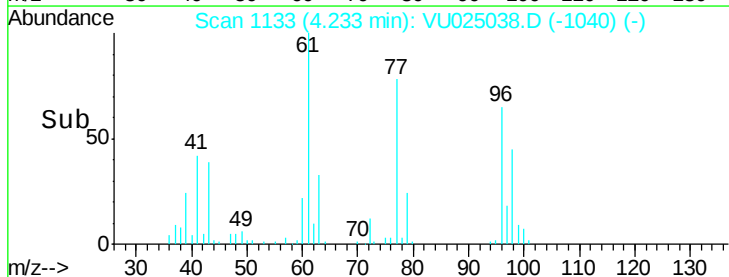
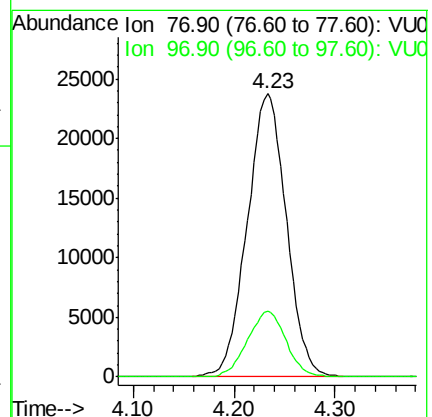
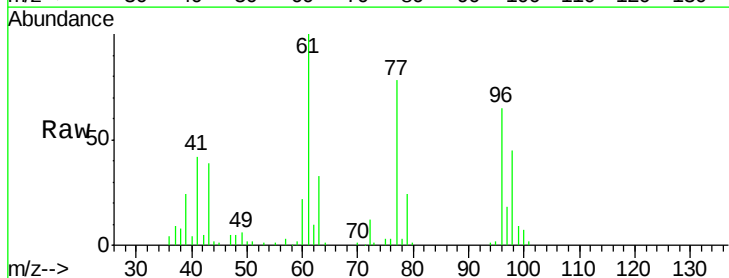
Acq: 28 Jun 2018 23:09

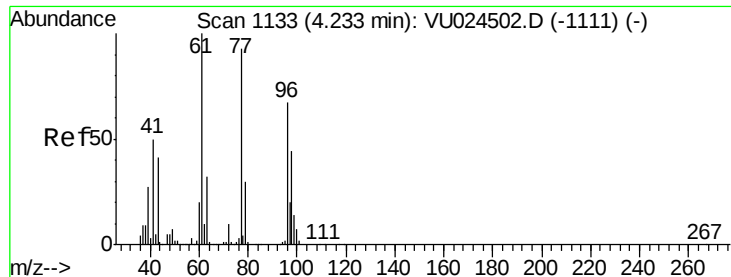
Tgt Ion: 77 Resp: 63887

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.744 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

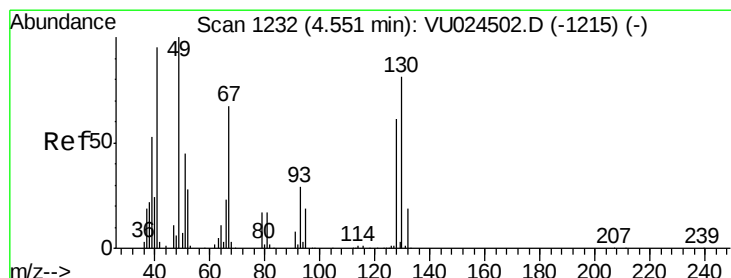
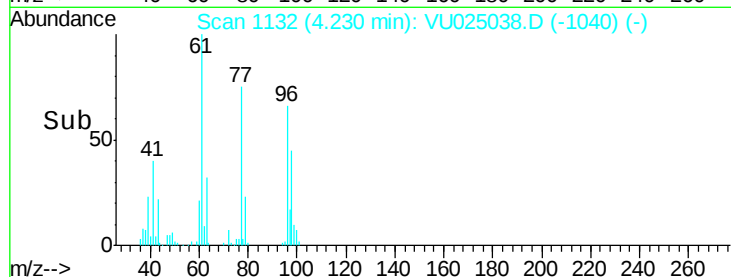
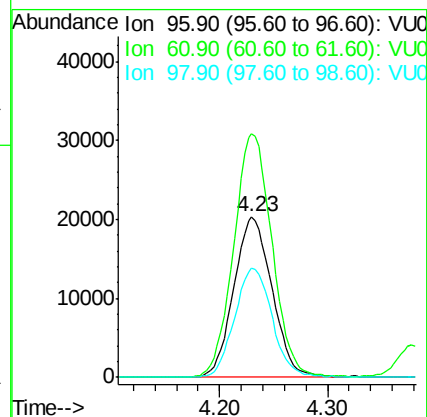
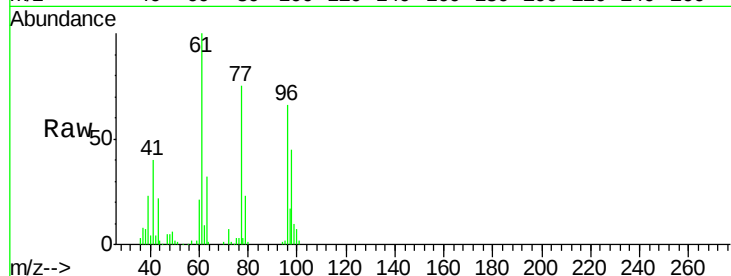
Tgt Ion: 96 Resp: 50209

Ion Ratio Lower Upper

96 100

61 151.8 0.0 306.6

98 66.6 0.0 128.8



#28

Bromochloromethane

Concen: 21.215 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

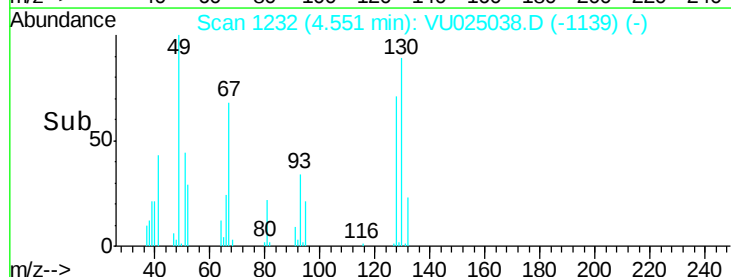
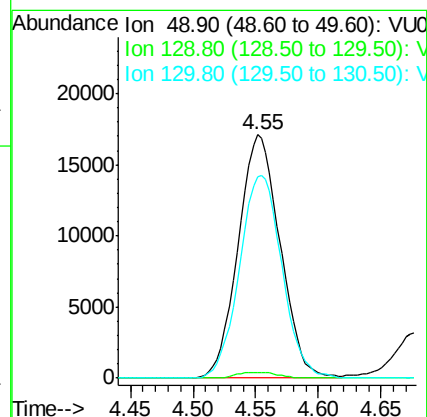
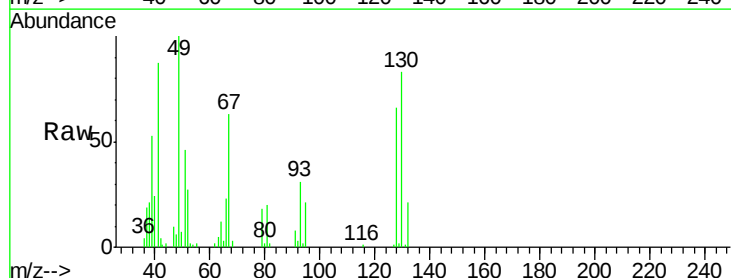
Tgt Ion: 49 Resp: 39736

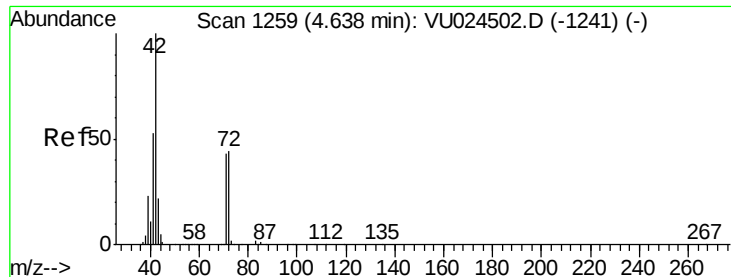
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 84.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 99.644 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

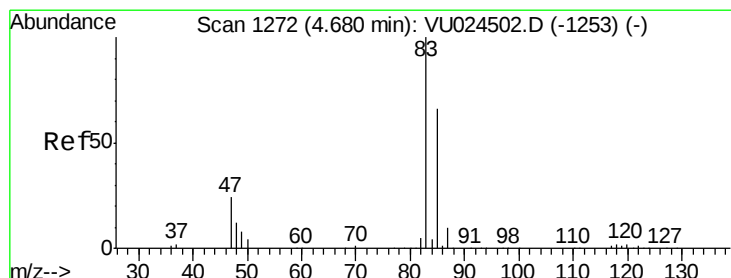
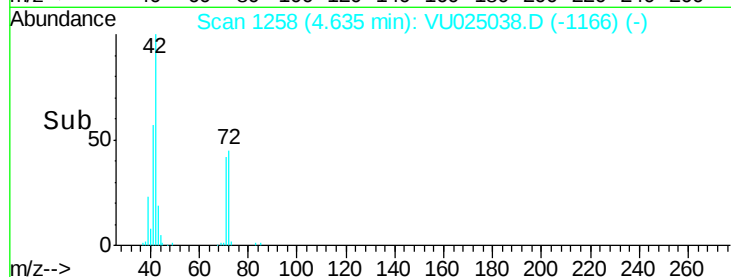
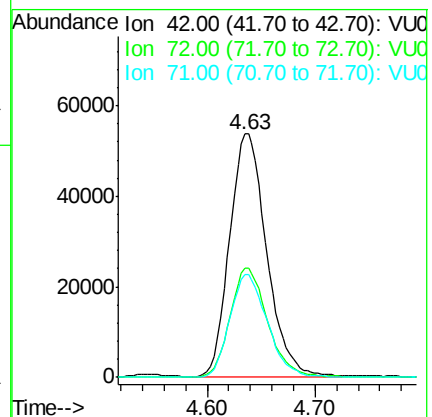
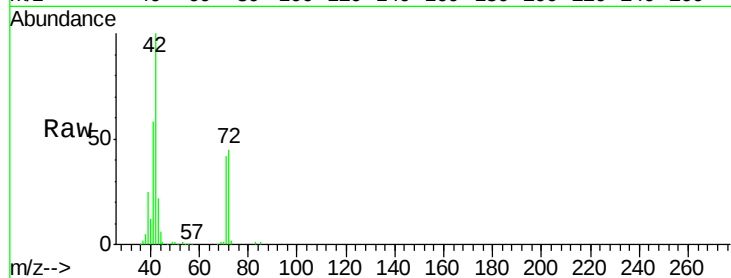
Tgt Ion: 42 Resp: 128232

Ion Ratio Lower Upper

42 100

72 45.5 34.5 51.7

71 43.0 32.2 48.4



#30

Chloroform

Concen: 20.739 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025038.D

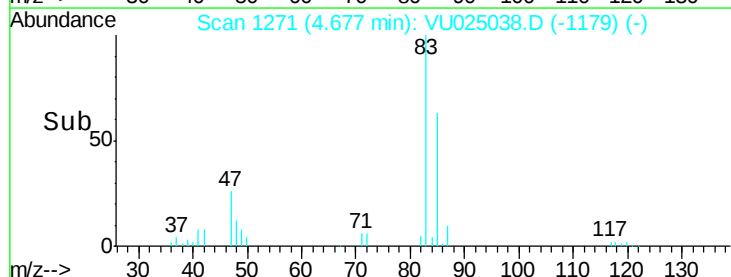
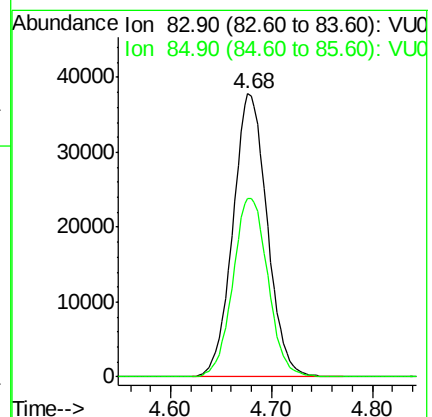
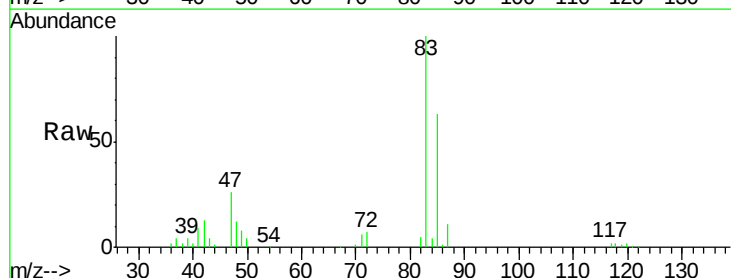
Acq: 28 Jun 2018 23:09

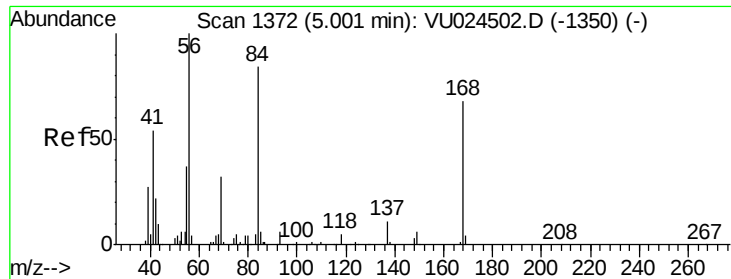
Tgt Ion: 83 Resp: 89265

Ion Ratio Lower Upper

83 100

85 63.0 52.4 78.6

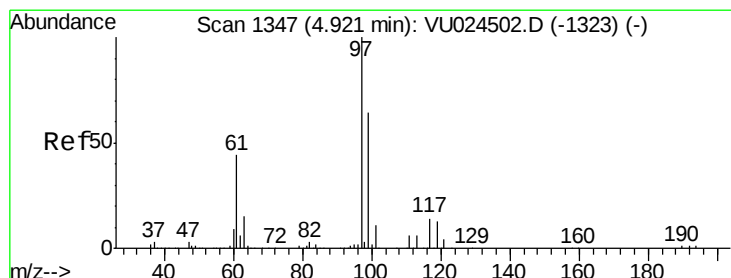
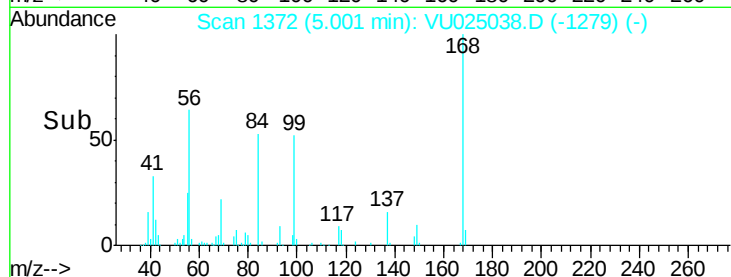
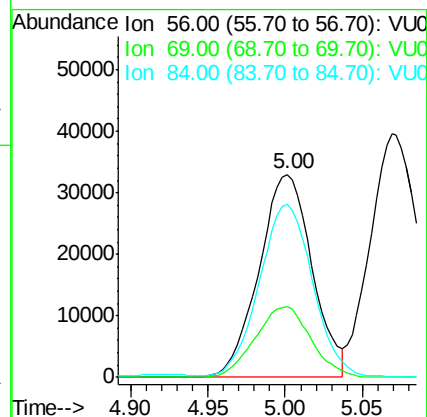
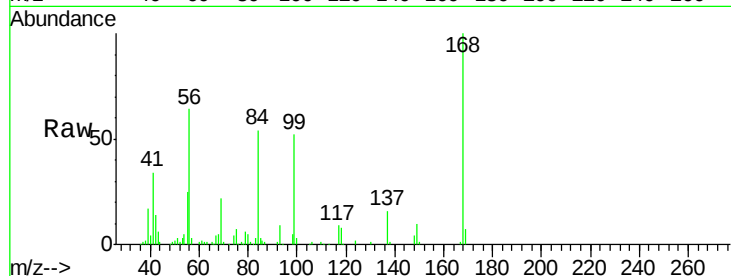




#31
Cyclohexane
Concen: 19.649 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

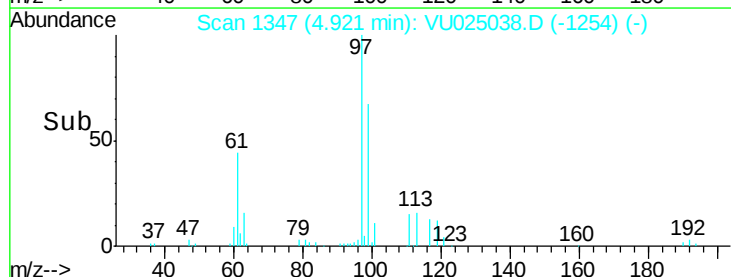
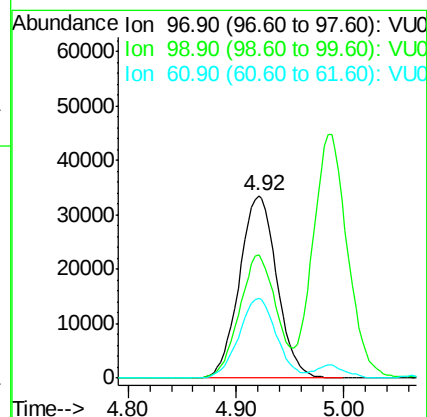
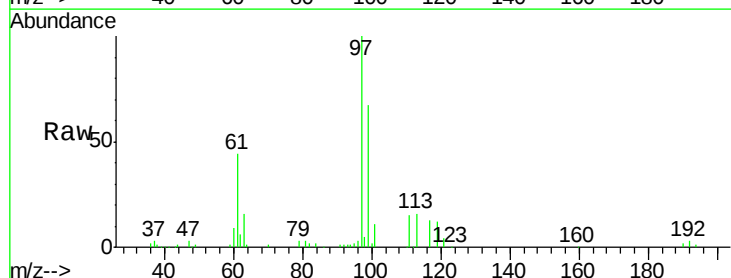
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

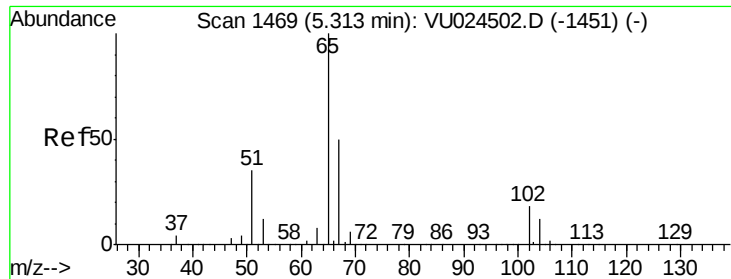
Tgt Ion: 56 Resp: 78725
Ion Ratio Lower Upper
56 100
69 34.6 24.8 37.2
84 84.5 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 20.351 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion: 97 Resp: 81001
Ion Ratio Lower Upper
97 100
99 66.8 51.0 76.6
61 43.7 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 49.130 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

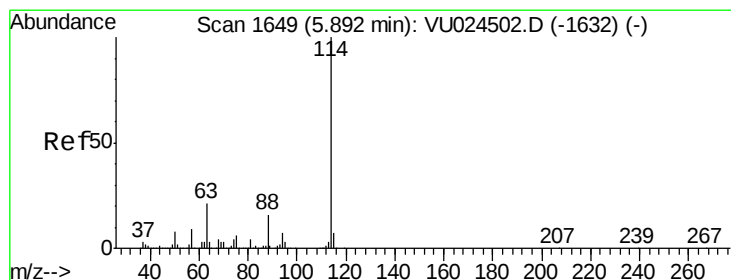
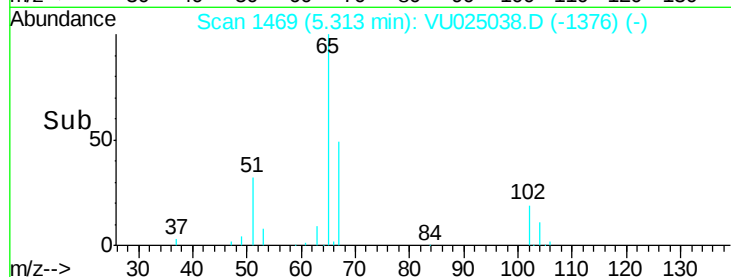
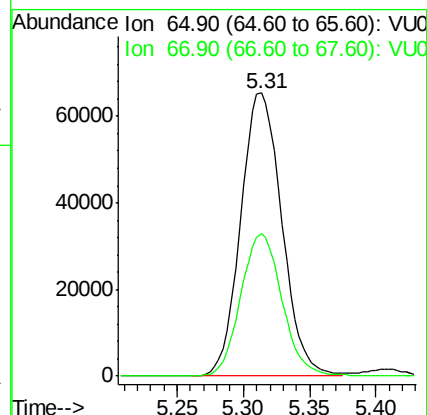
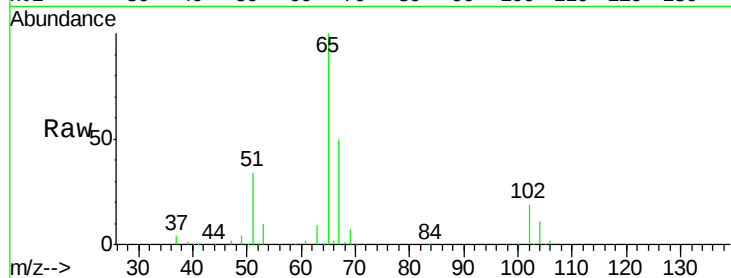
VU0628MBS02

Tgt Ion: 65 Resp: 141463

Ion Ratio Lower Upper

65 100

67 50.4 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

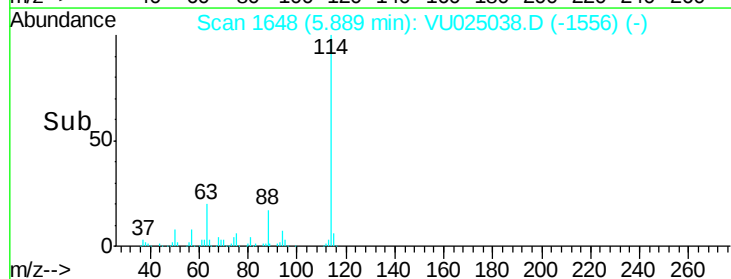
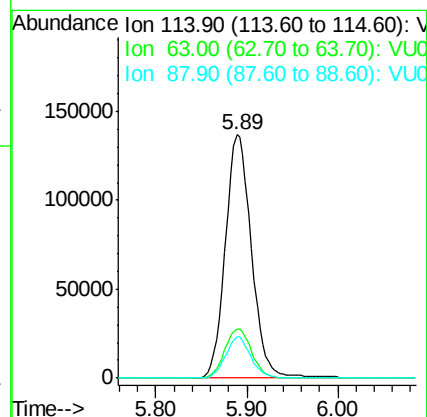
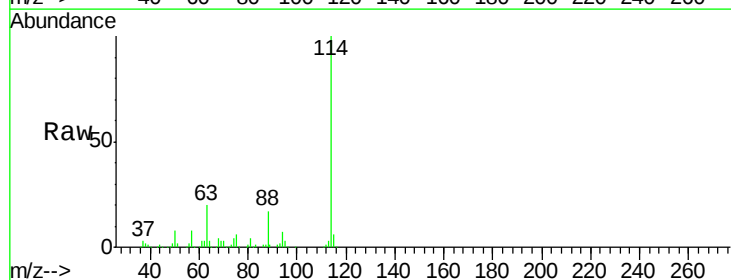
Tgt Ion: 114 Resp: 274011

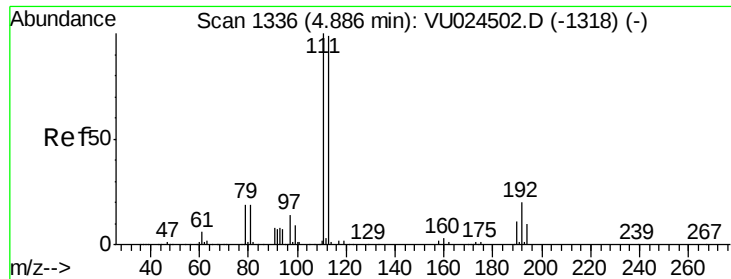
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

88 16.9 0.0 31.0

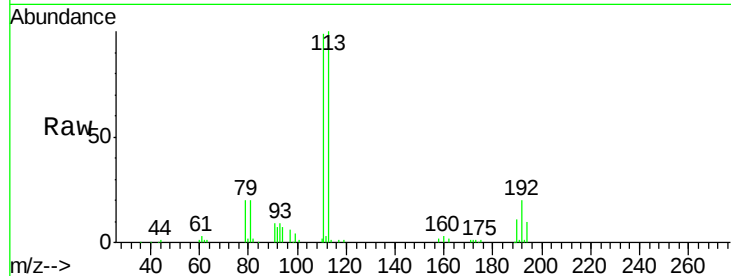




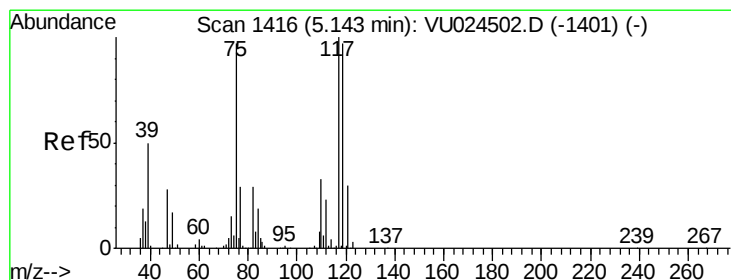
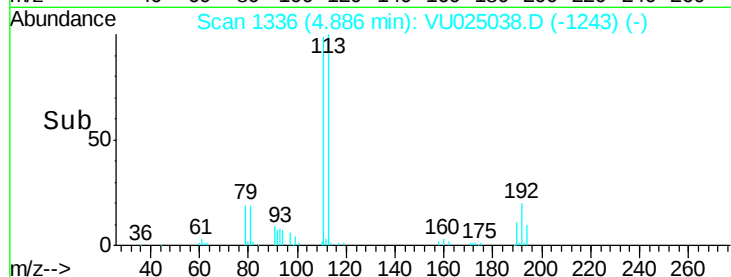
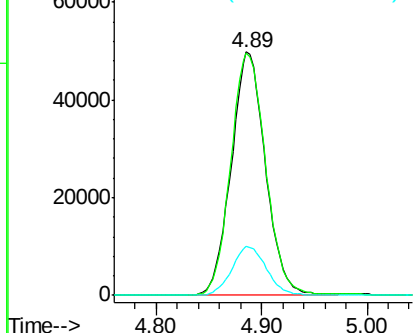
#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	20.1	16.2	24.4

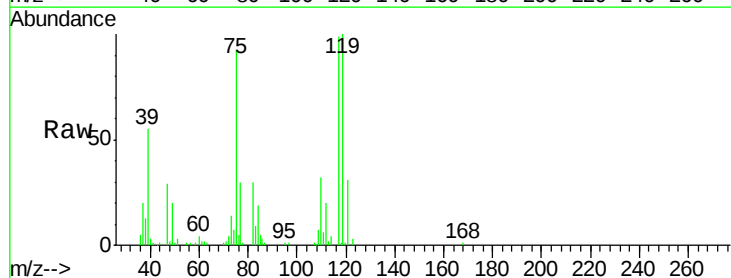


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

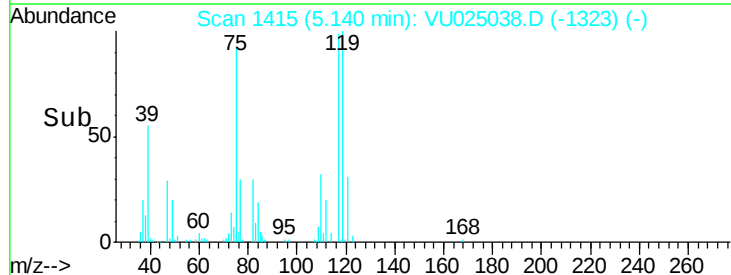
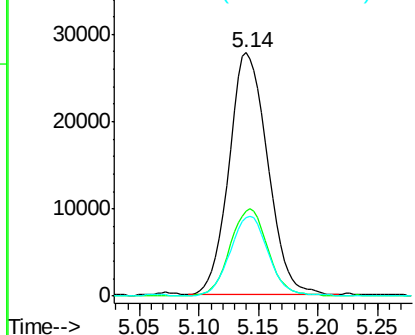


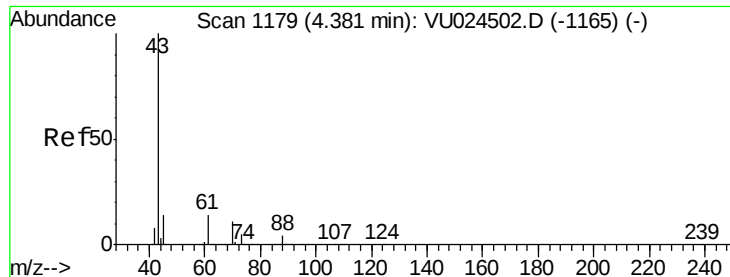
#36
1,1-Dichloropropene
Concen: 19.467 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.0	50.9
77	32.5	24.2	36.4



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

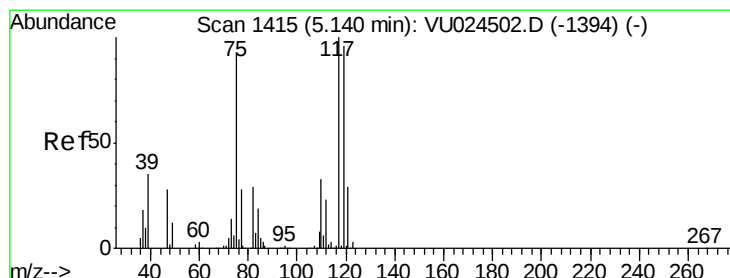
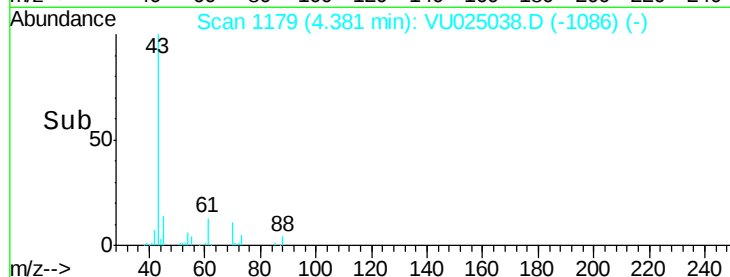
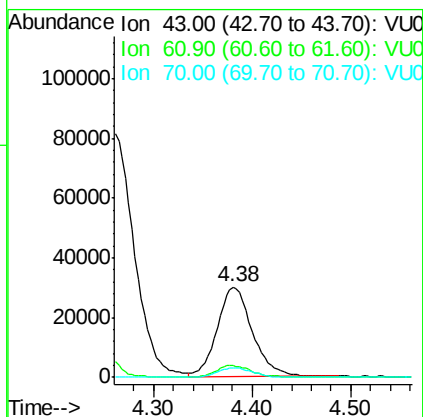
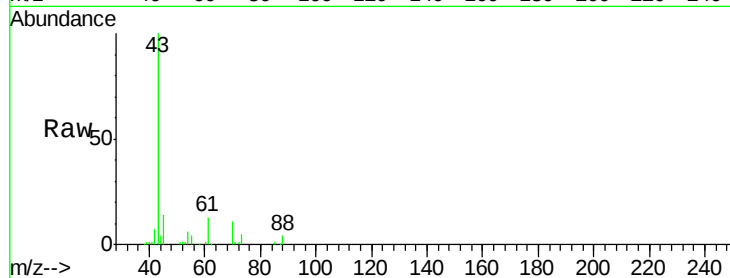




#37
 Ethyl Acetate
 Concen: 21.145 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

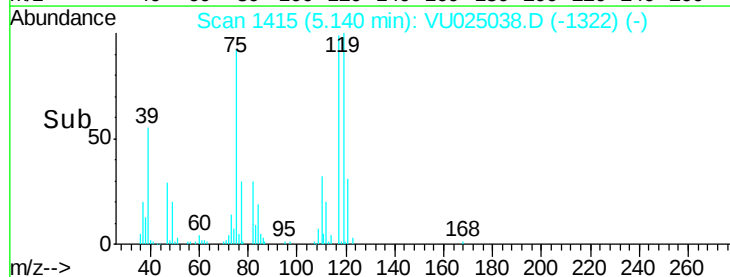
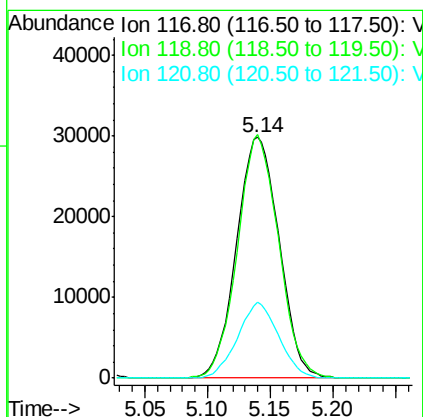
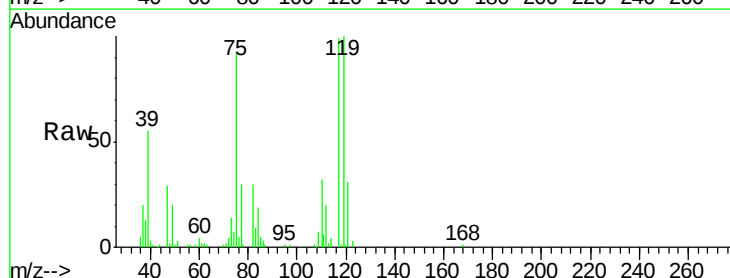
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

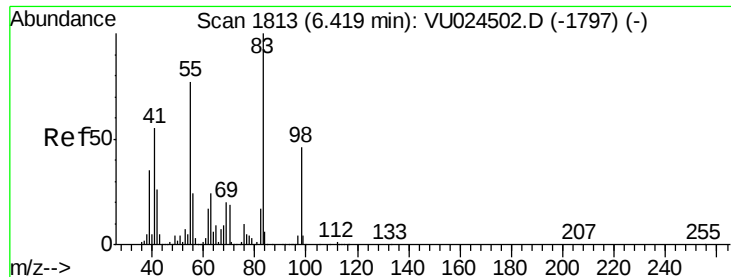
Tgt Ion: 43 Resp: 74208
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.5 15.7
 70 10.8 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 19.901 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 117 Resp: 70466
 Ion Ratio Lower Upper
 117 100
 119 101.0 76.1 114.1
 121 31.3 23.7 35.5

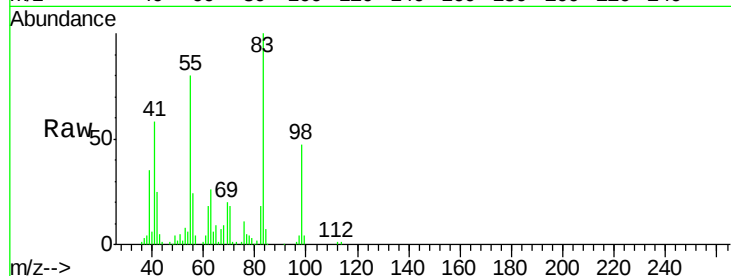




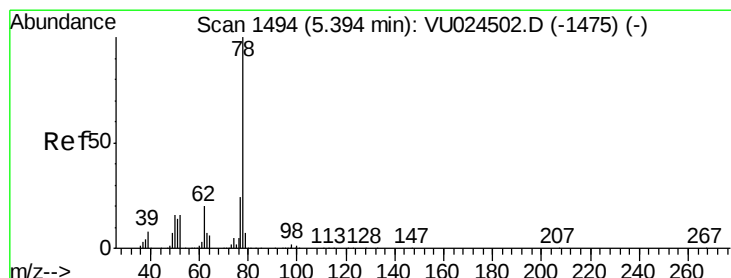
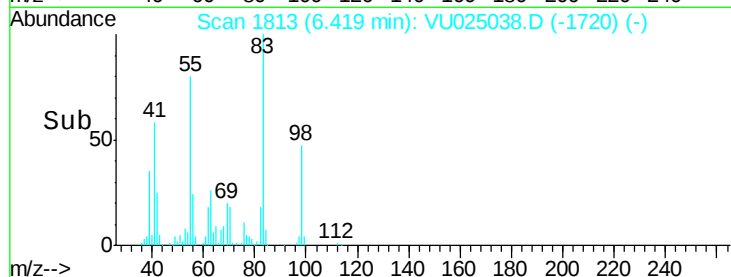
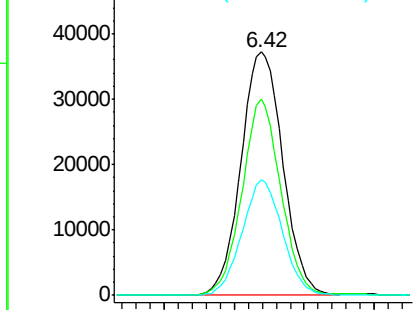
#39
Methylcyclohexane
Concen: 19.249 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

Tgt Ion: 83 Resp: 77343
Ion Ratio Lower Upper
83 100
55 80.4 65.8 98.6
98 47.5 36.7 55.1

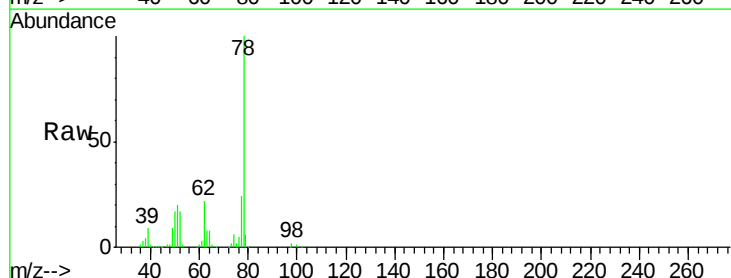


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

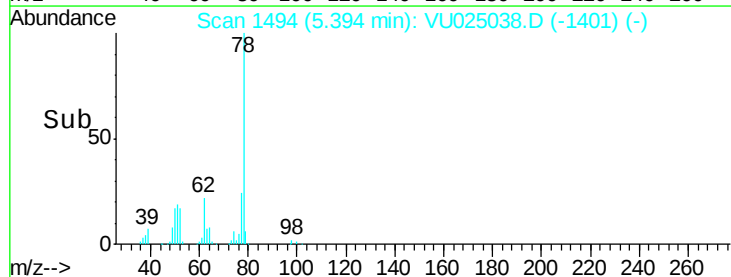
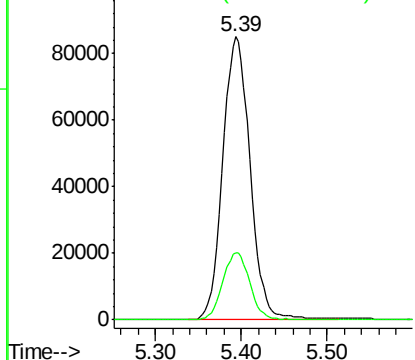


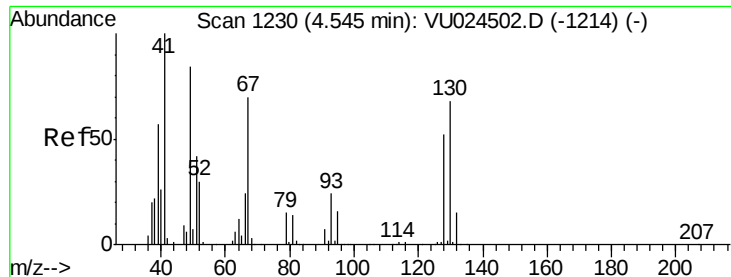
#40
Benzene
Concen: 20.516 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion: 78 Resp: 188228
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



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

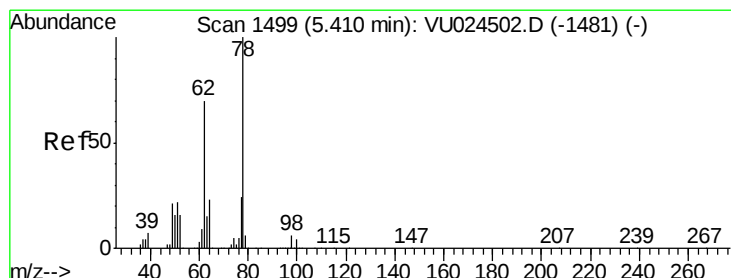
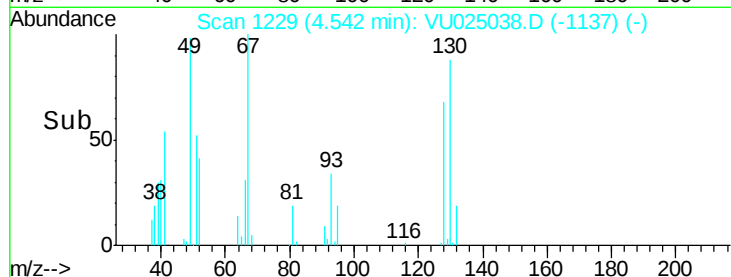
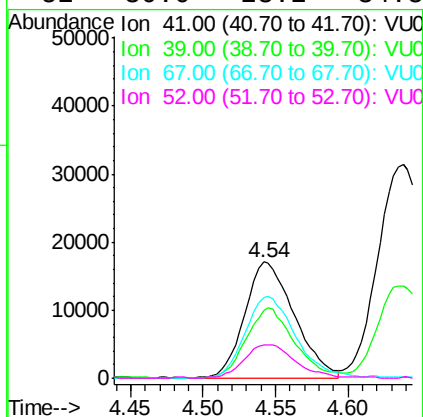
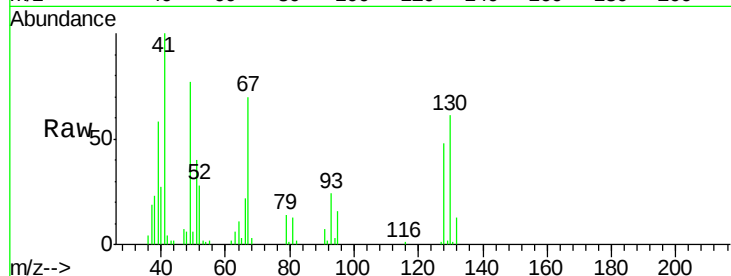




#41
Methacrylonitrile
Concen: 21.581 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

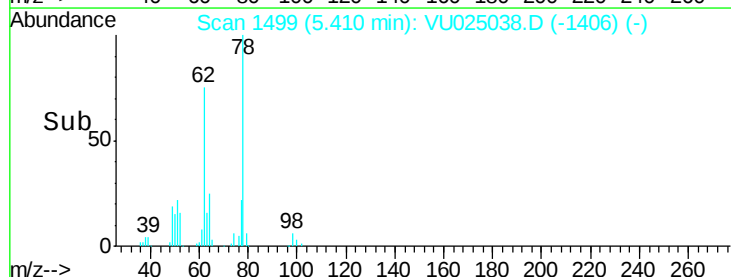
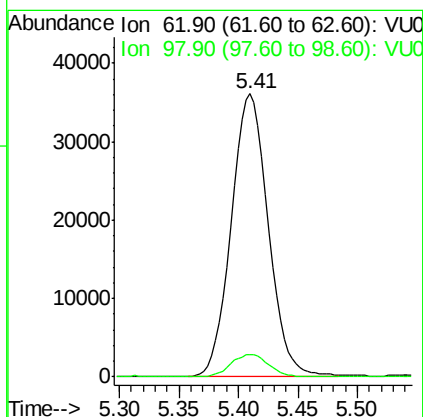
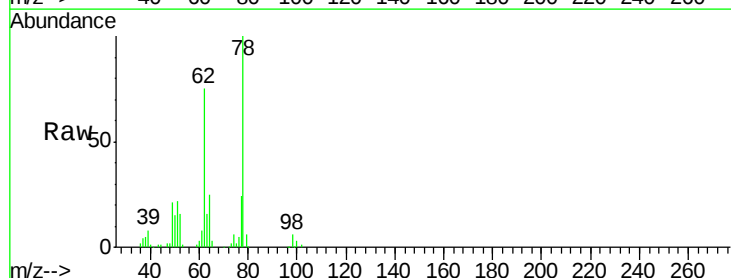
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

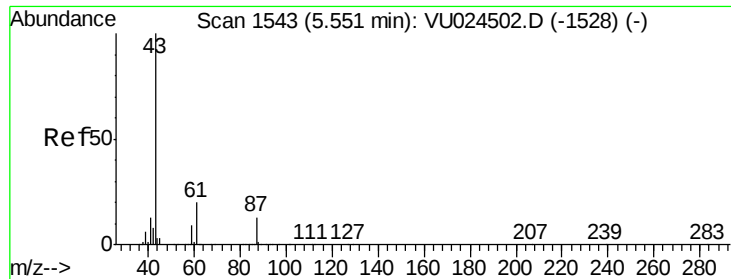
Tgt Ion:	41	Resp:	40835
Ion	Ratio	Lower	Upper
41	100		
39	59.4	43.8	65.6
67	71.3	56.3	84.5
52	30.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 22.276 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion:	62	Resp:	77840
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6

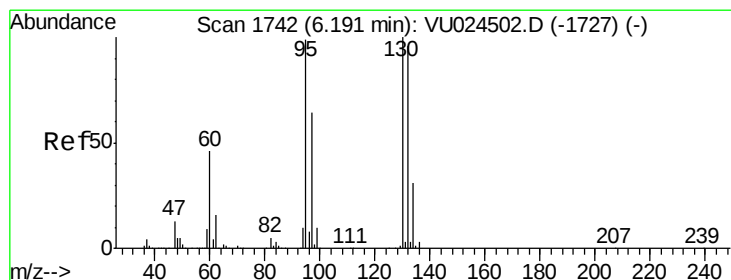
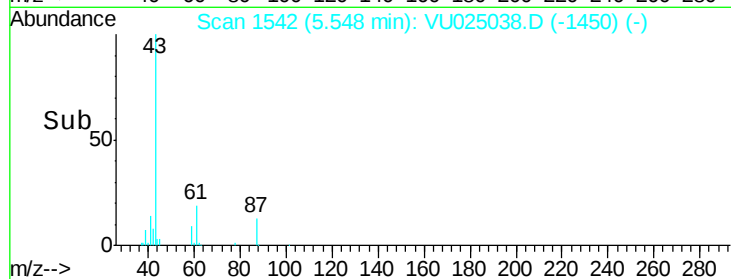
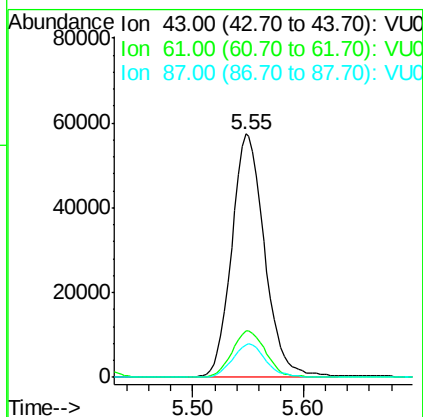
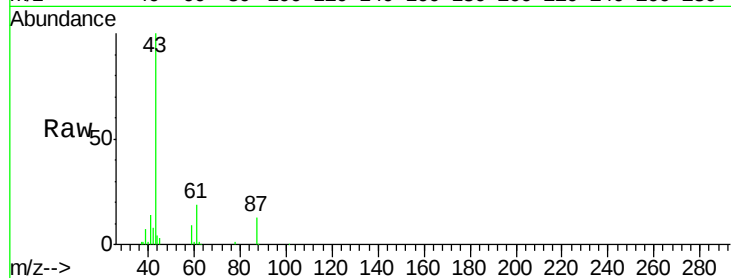




#43
Isopropyl Acetate
Concen: 19.596 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

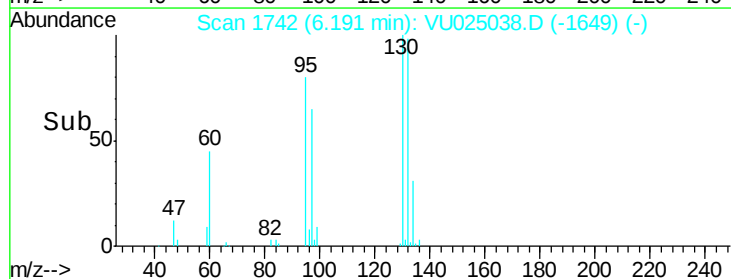
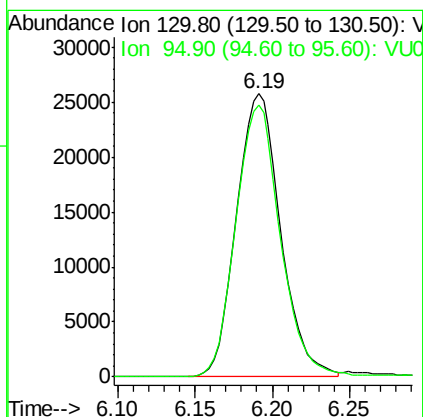
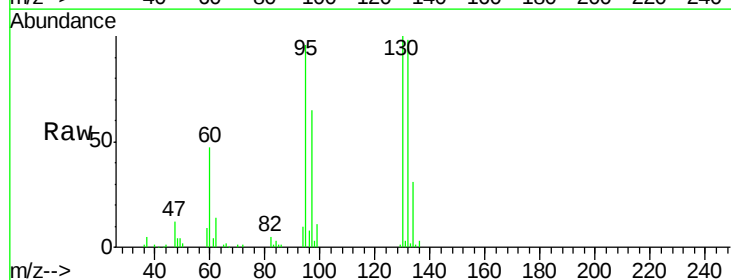
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

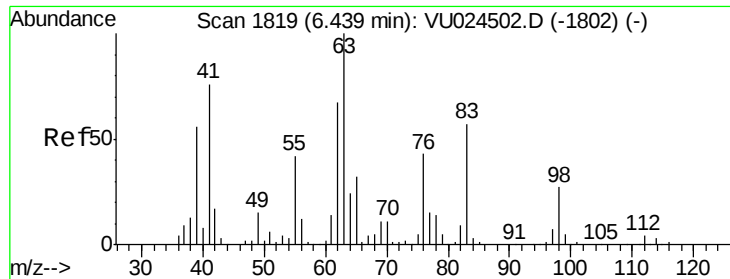
Tgt Ion: 43 Resp: 118870
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 13.8 10.0 15.0



#44
Trichloroethene
Concen: 19.573 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion: 130 Resp: 51107
Ion Ratio Lower Upper
130 100
95 96.2 0.0 202.4





#45

1,2-Dichloropropane

Concen: 20.382 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

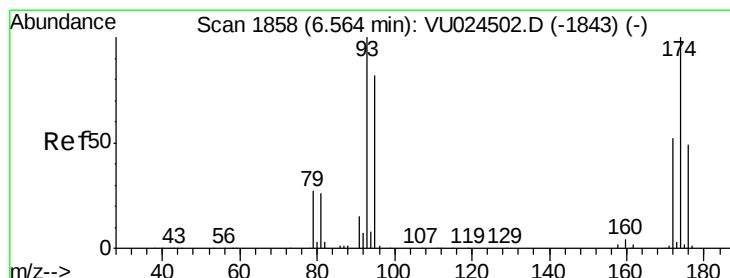
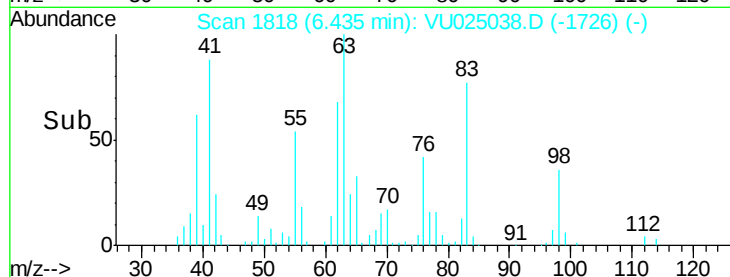
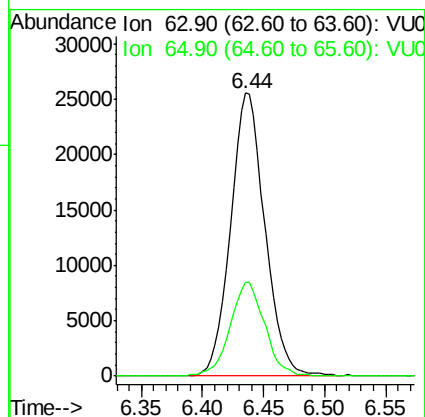
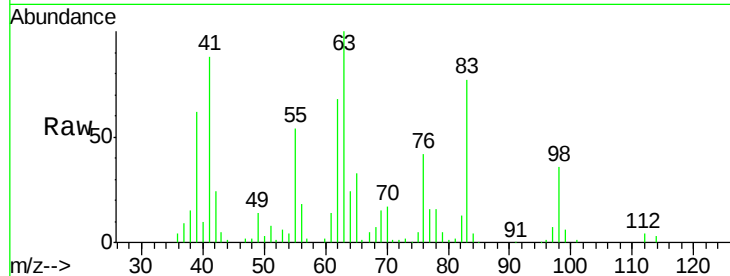
VU0628MBS02

Tgt Ion: 63 Resp: 49895

Ion Ratio Lower Upper

63 100

65 33.0 24.8 37.2



#46

Dibromomethane

Concen: 21.081 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

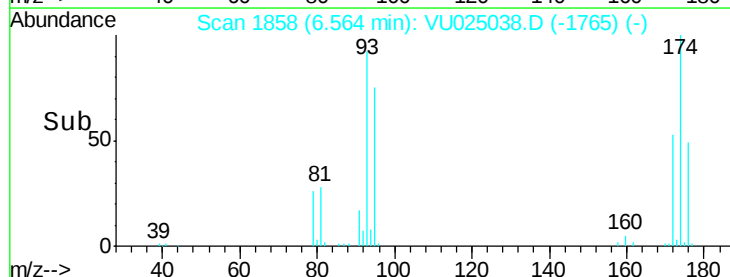
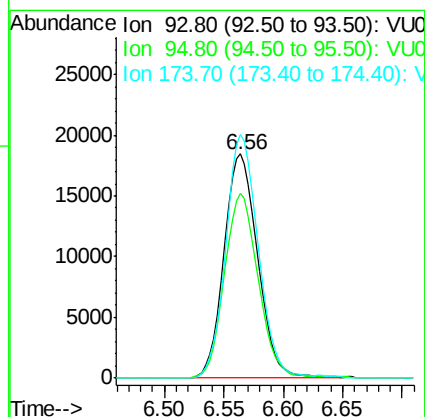
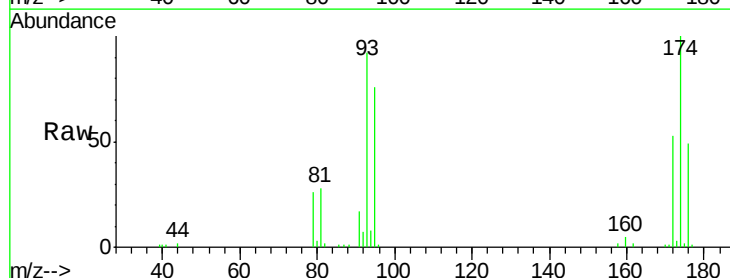
Tgt Ion: 93 Resp: 36249

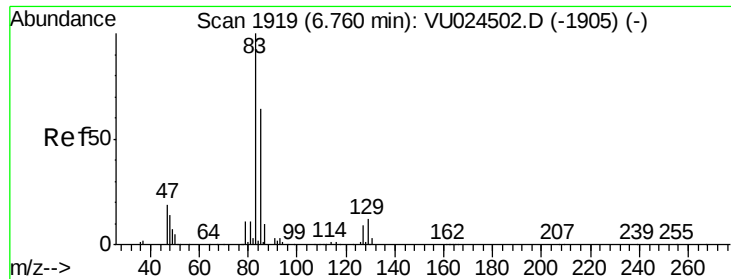
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

174 105.2 78.7 118.1





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

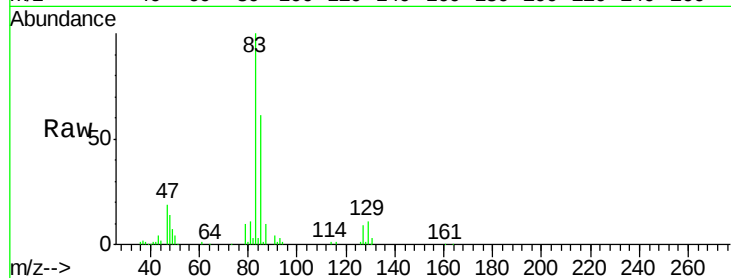
Tgt Ion: 83 Resp: 67632

Ion Ratio Lower Upper

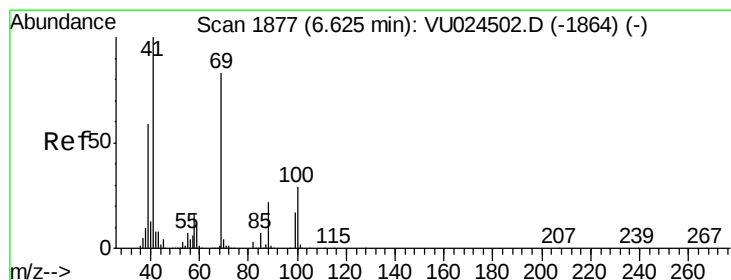
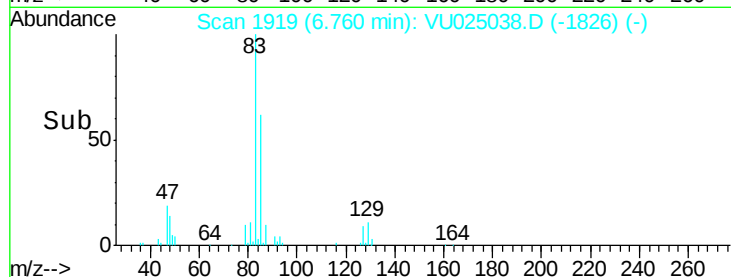
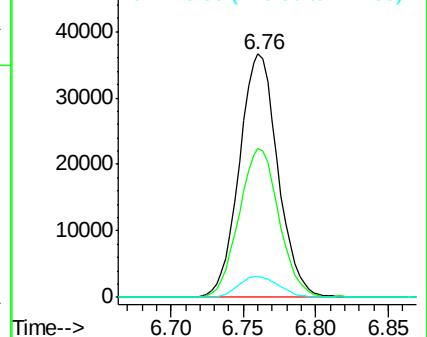
83 100

85 61.2 51.9 77.9

127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.672 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

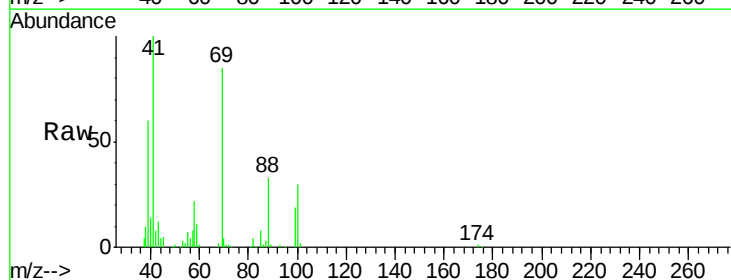
Tgt Ion: 41 Resp: 61063

Ion Ratio Lower Upper

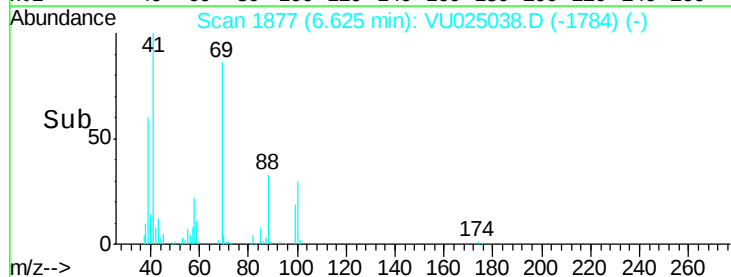
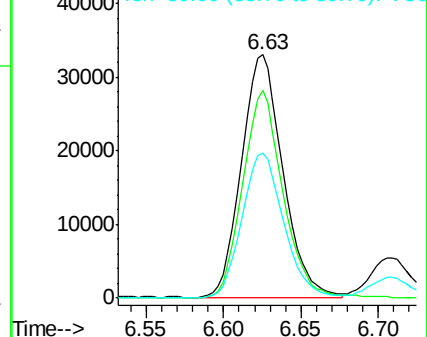
41 100

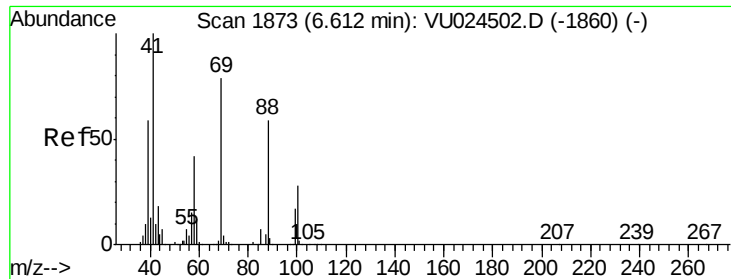
69 83.7 67.3 100.9

39 60.7 46.5 69.7



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

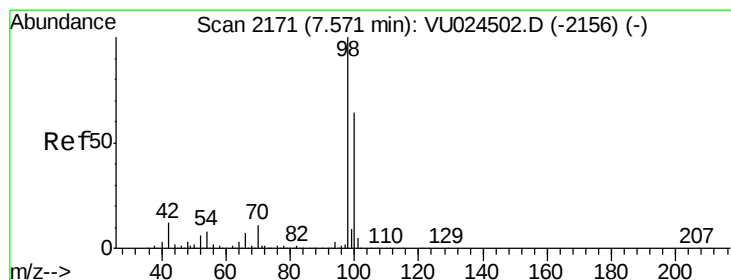
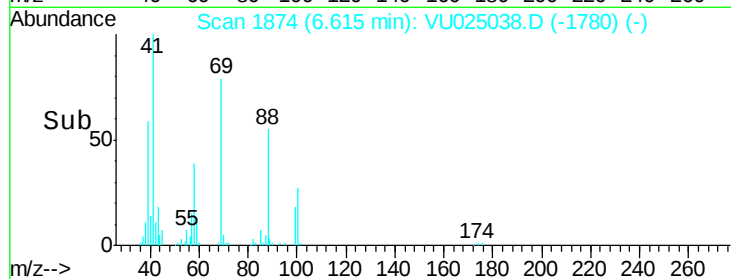
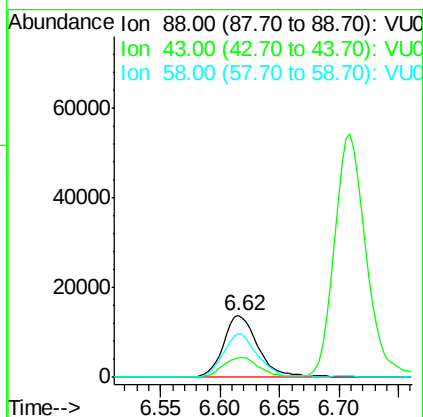
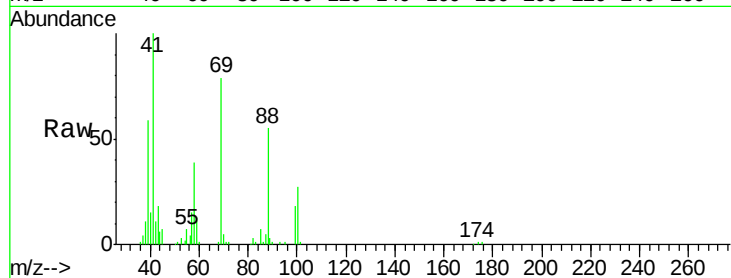




#49
 1,4-Dioxane
 Concen: 480.938 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

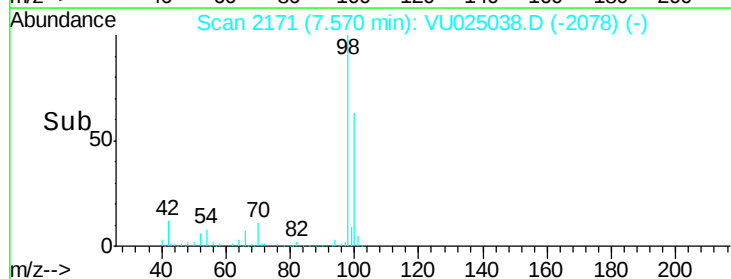
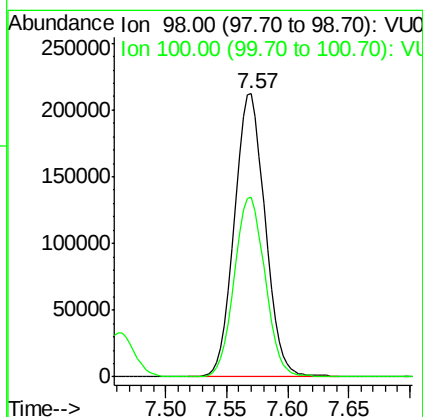
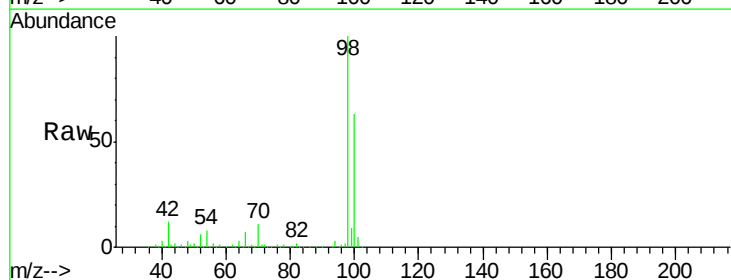
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

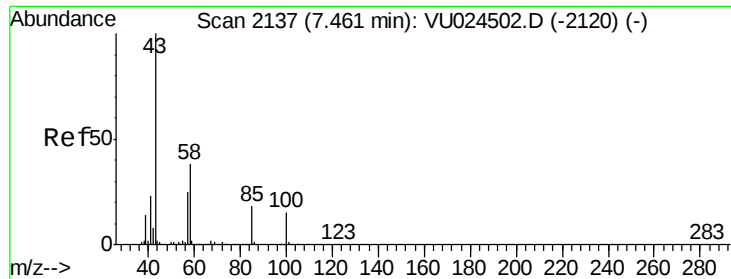
Tgt Ion: 88 Resp: 27782
 Ion Ratio Lower Upper
 88 100
 43 34.2 28.6 42.8
 58 68.8 58.2 87.4



#50
 Toluene-d8
 Concen: 44.838 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 98 Resp: 371925
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.1 76.7

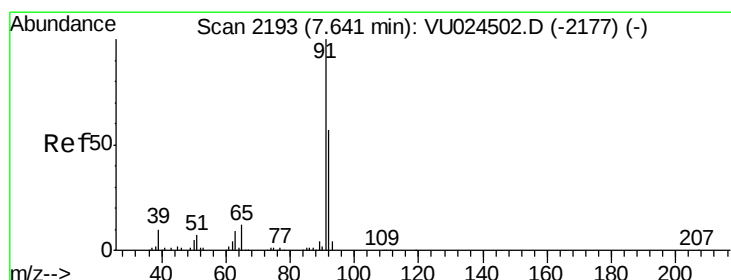
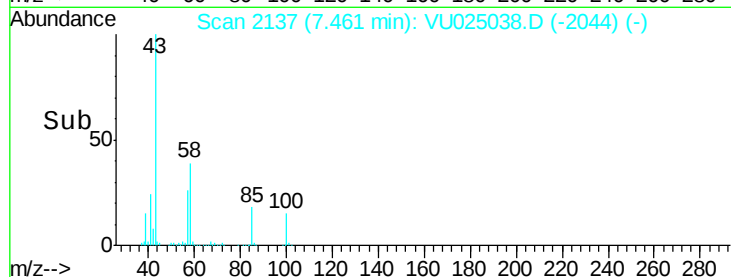
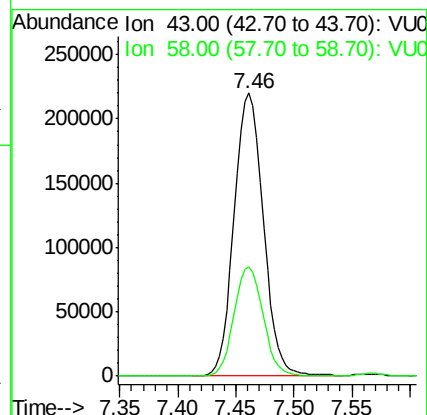
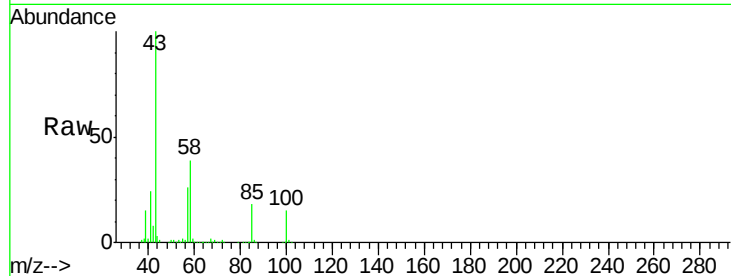




#51
 4-Methyl-2-Pentanone
 Concen: 101.303 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

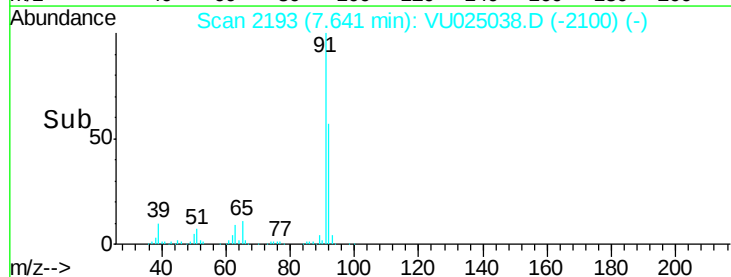
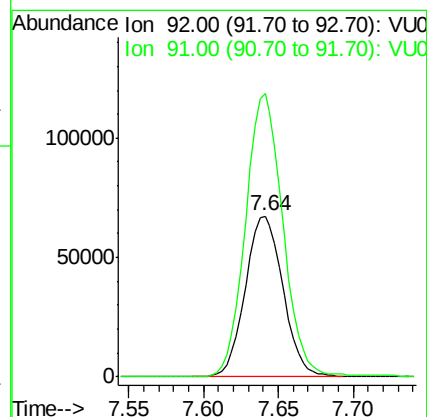
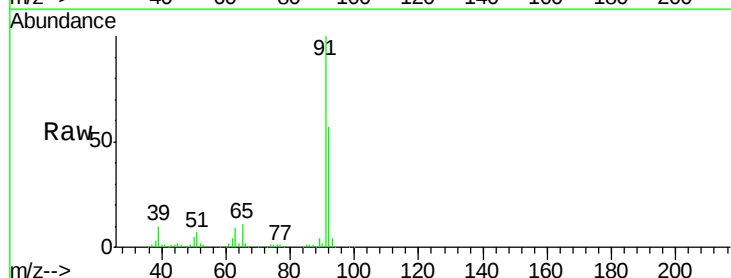
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

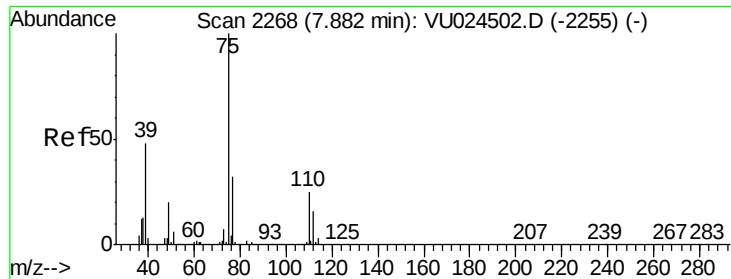
Tgt Ion: 43 Resp: 386071
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0



#52
 Toluene
 Concen: 19.982 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 92 Resp: 117949
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.5 210.7

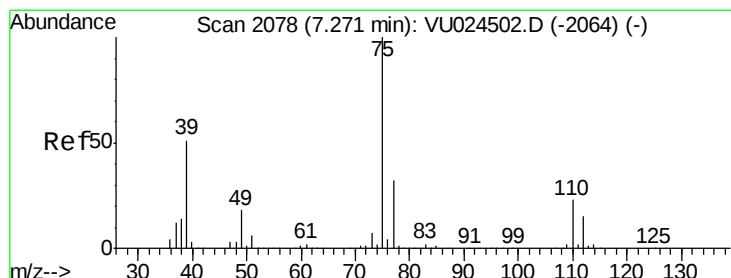
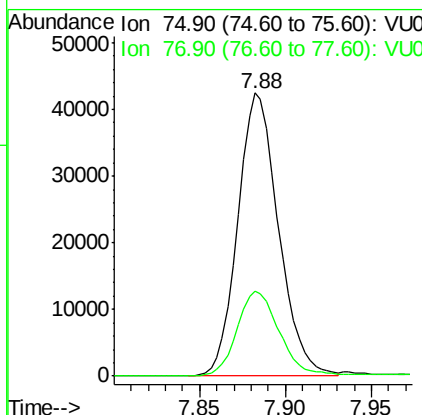
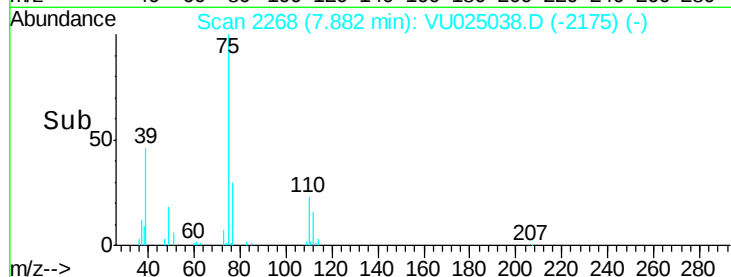
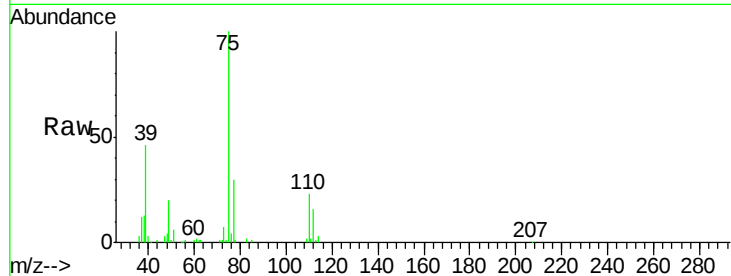




#53
t-1,3-Dichloropropene
Concen: 18.175 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

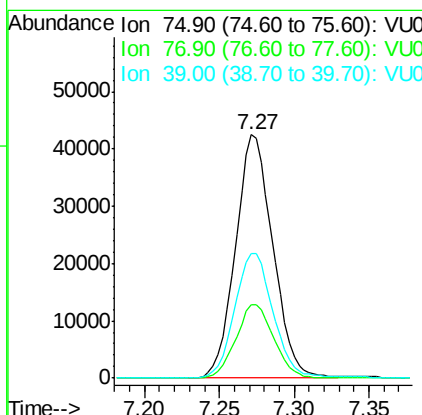
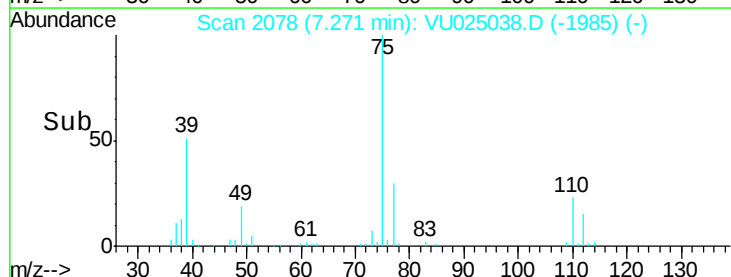
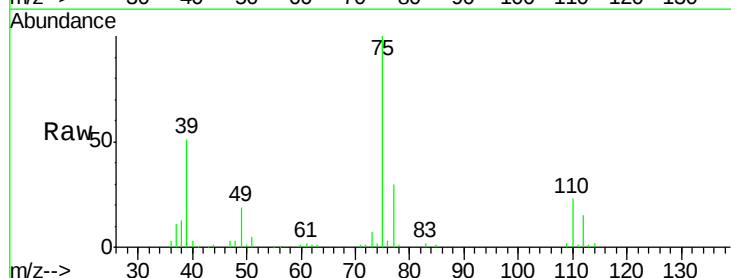
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

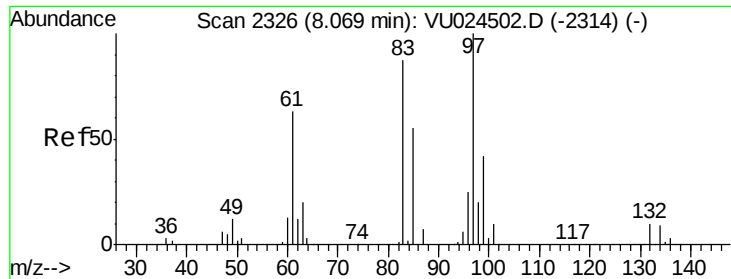
Tgt Ion: 75 Resp: 69887
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.013 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion: 75 Resp: 73808
Ion Ratio Lower Upper
75 100
77 30.3 24.6 36.8
39 51.1 39.8 59.6

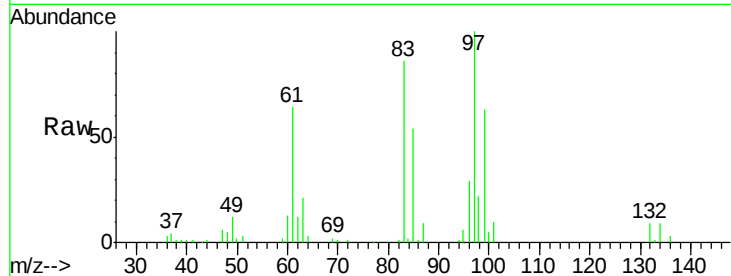




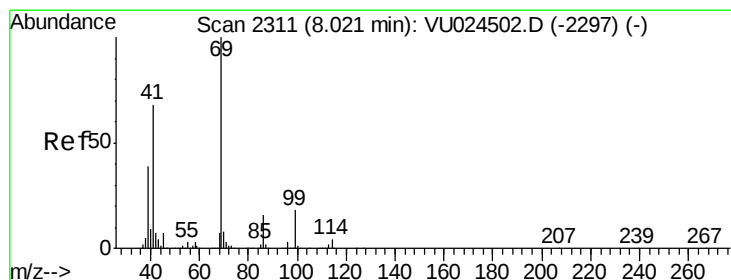
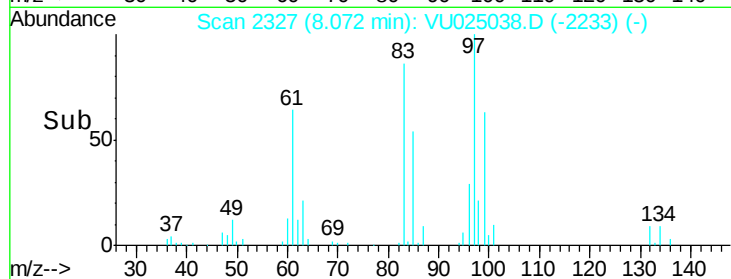
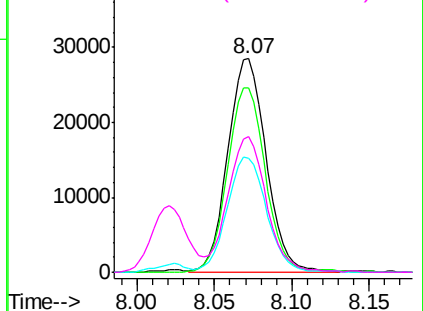
#55
 1,1,2-Trichloroethane
 Concen: 20.424 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

Tgt Ion:	97	Resp:	49005
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.5	105.7
85	53.2	46.4	69.6
99	62.9	50.2	75.2

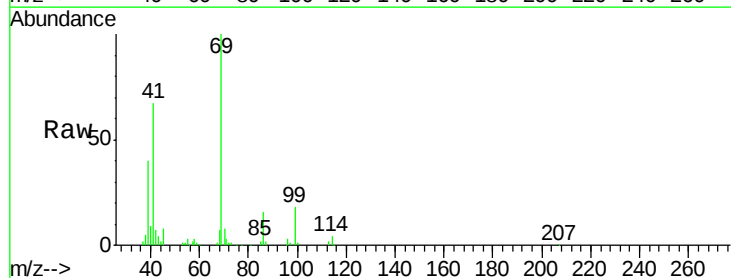


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

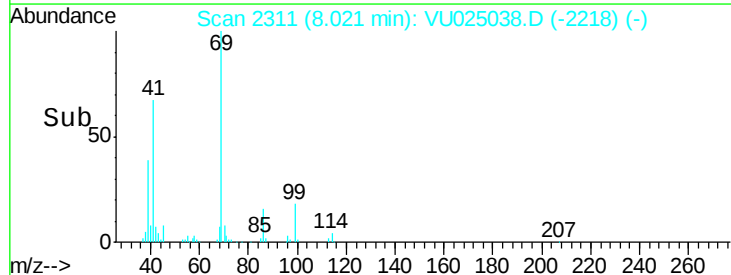
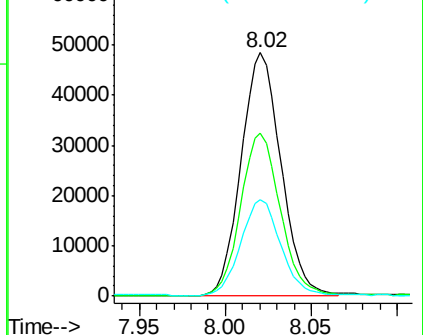


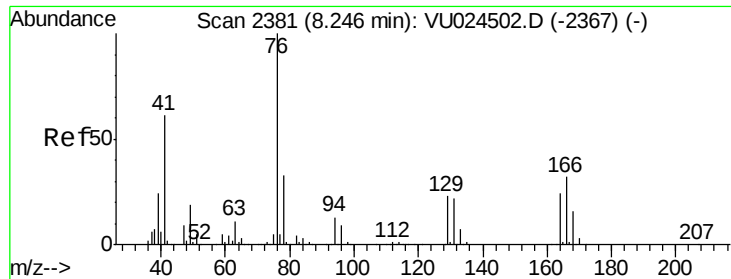
#56
 Ethyl methacrylate
 Concen: 19.493 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion:	69	Resp:	78283
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.1	81.1
39	39.2	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 20.752 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

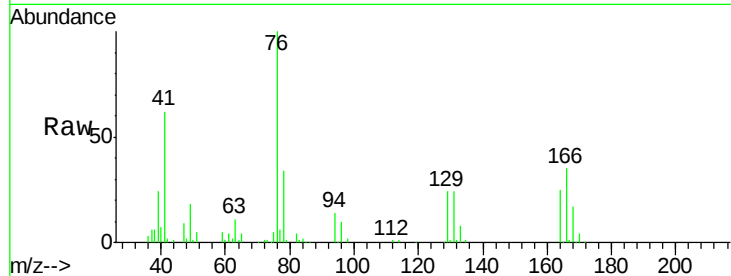
VU0628MBS02

Tgt Ion: 76 Resp: 83994

Ion Ratio Lower Upper

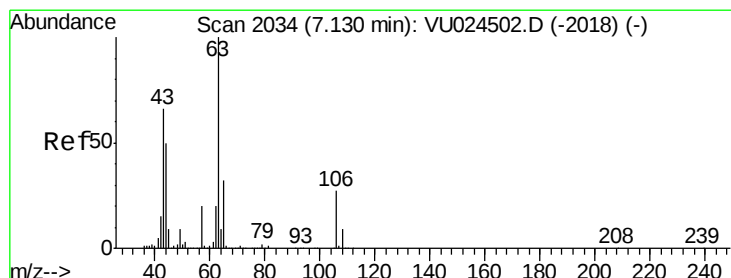
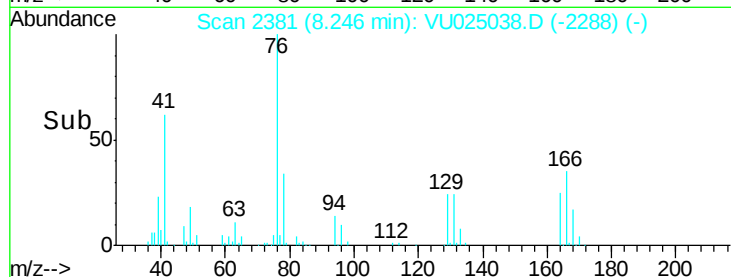
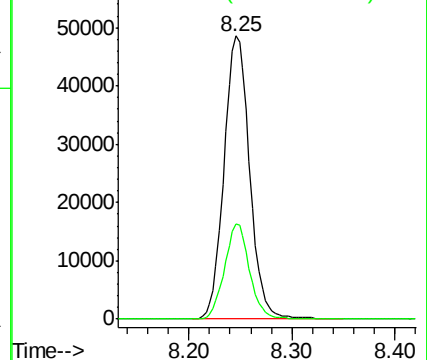
76 100

78 32.6 25.2 37.8



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: 21.873 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025038.D

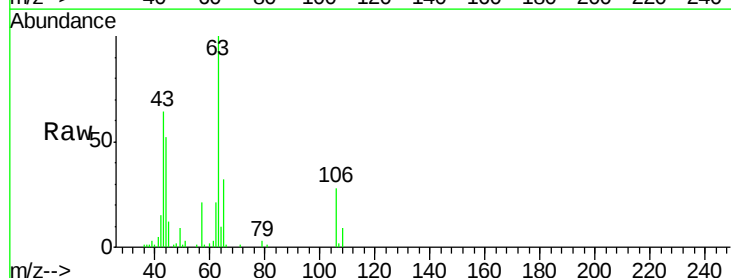
Acq: 28 Jun 2018 23:09

Tgt Ion: 63 Resp: 33652

Ion Ratio Lower Upper

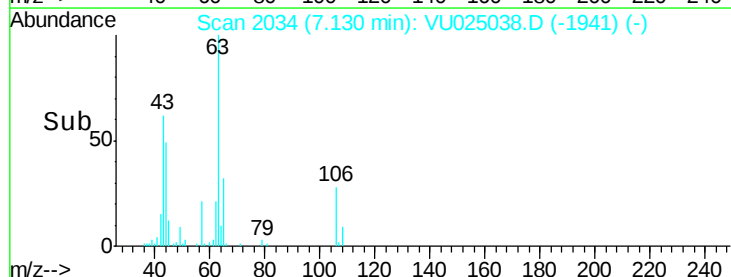
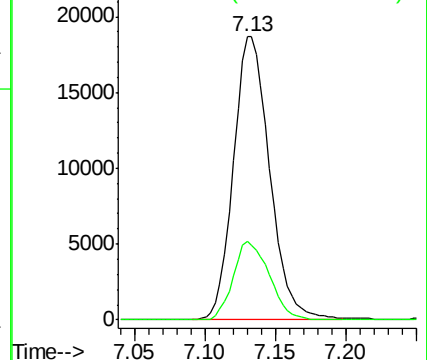
63 100

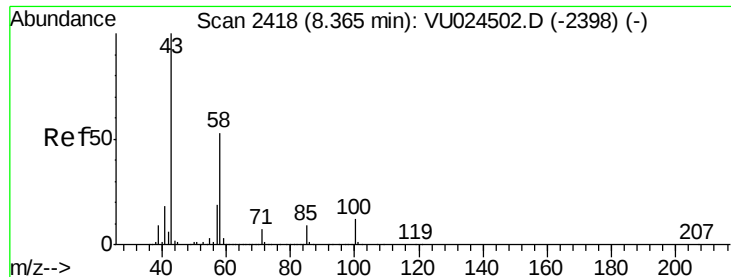
106 27.3 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

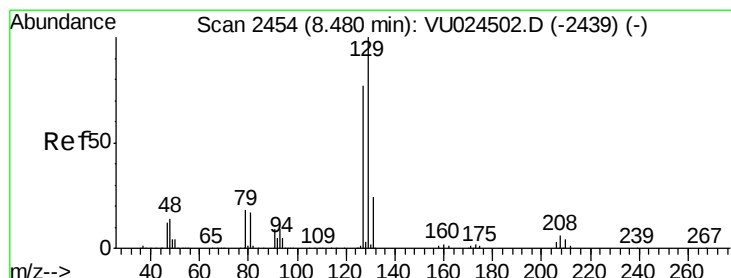
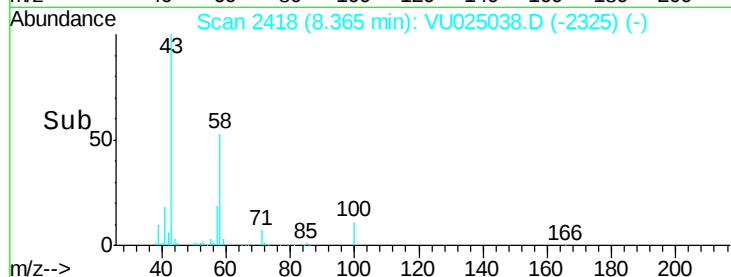
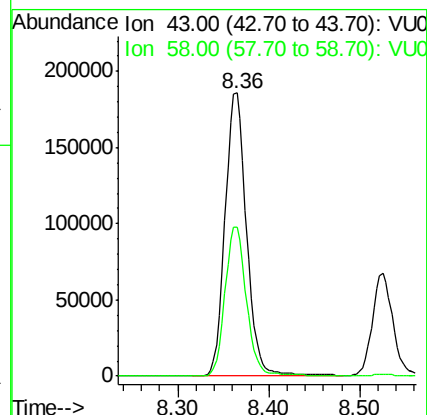
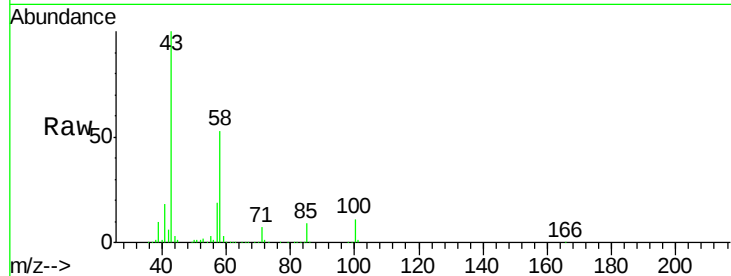




#59
2-Hexanone
Concen: 98.476 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

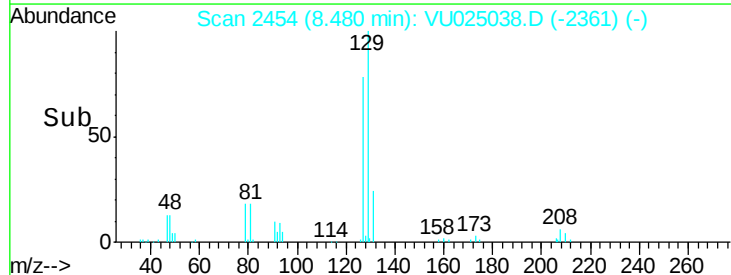
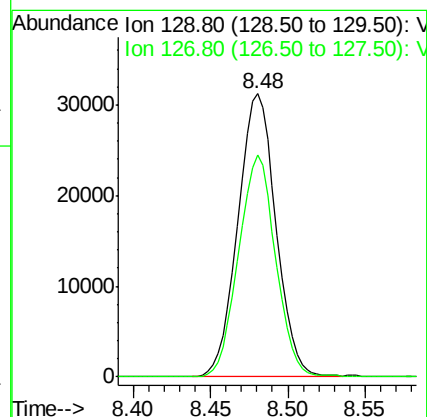
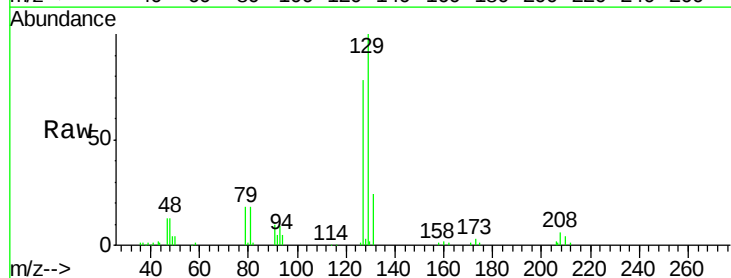
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

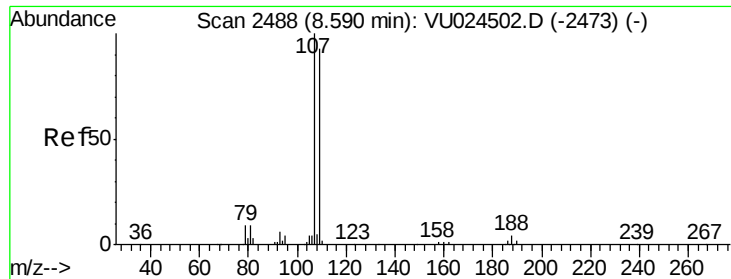
Tgt Ion: 43 Resp: 306394
Ion Ratio Lower Upper
43 100
58 52.5 26.4 79.0



#60
Dibromochloromethane
Concen: 17.829 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion: 129 Resp: 53345
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.020 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

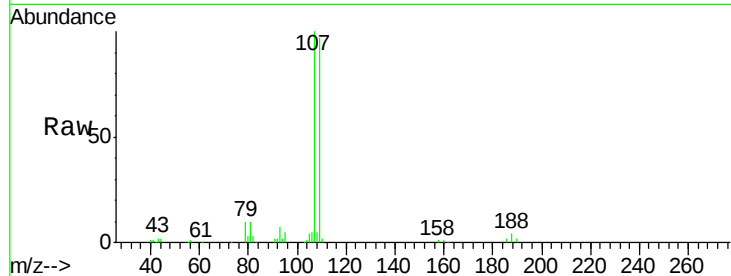
VU0628MBS02

Tgt Ion:107 Resp: 53465

Ion Ratio Lower Upper

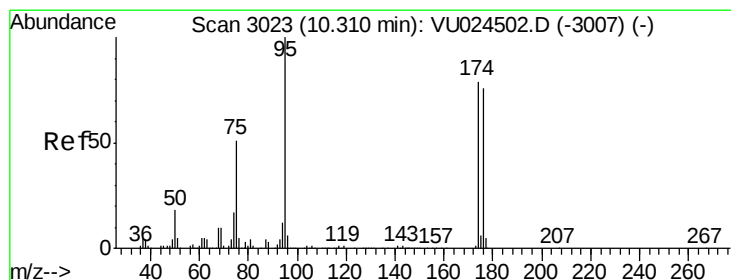
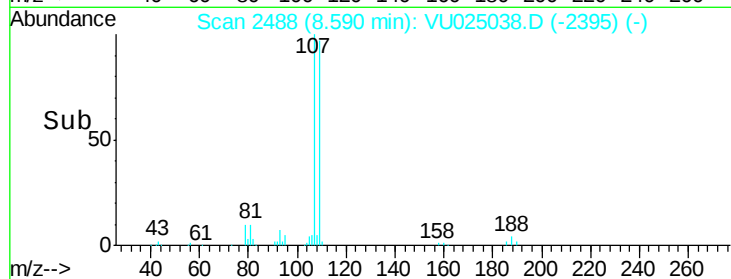
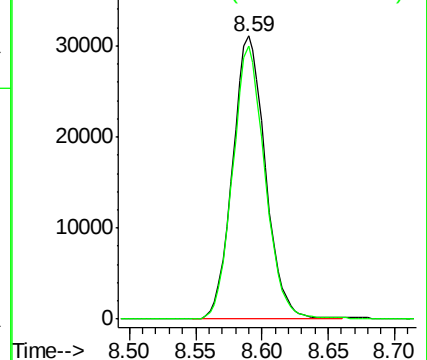
107 100

109 95.1 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.694 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

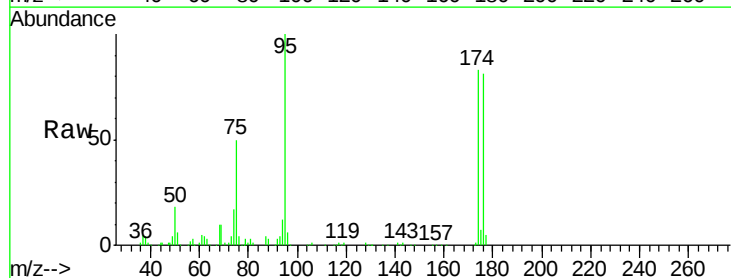
Tgt Ion: 95 Resp: 150491

Ion Ratio Lower Upper

95 100

174 84.2 0.0 165.8

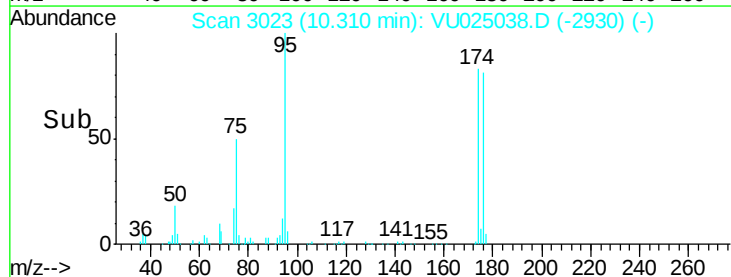
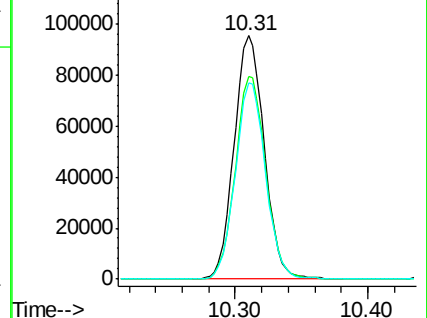
176 81.1 0.0 159.4

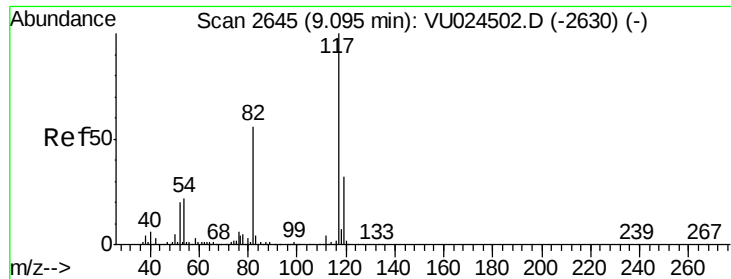


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

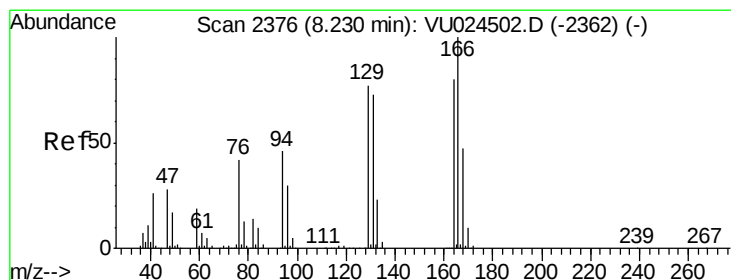
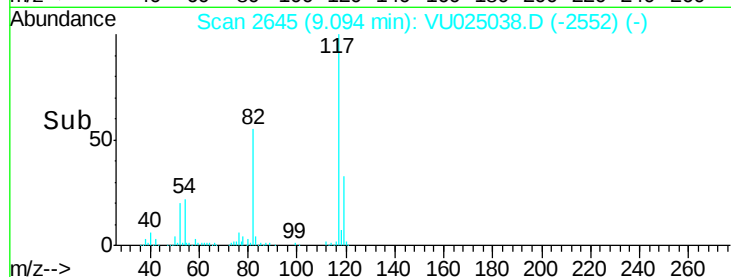
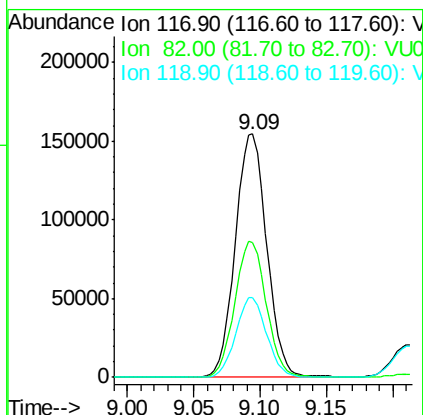
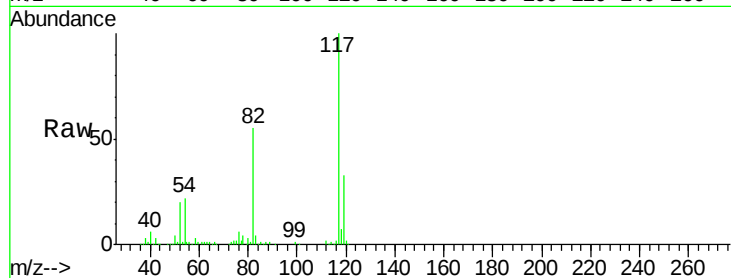




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

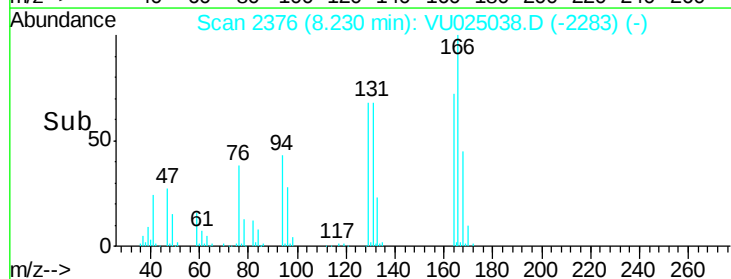
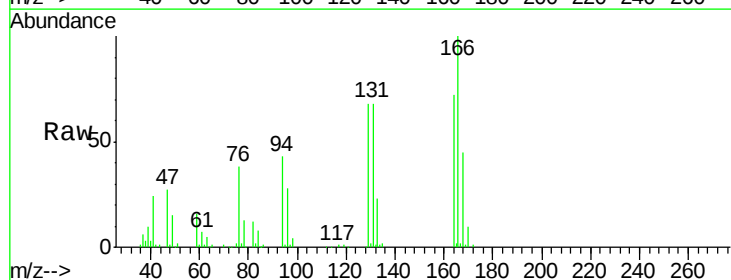
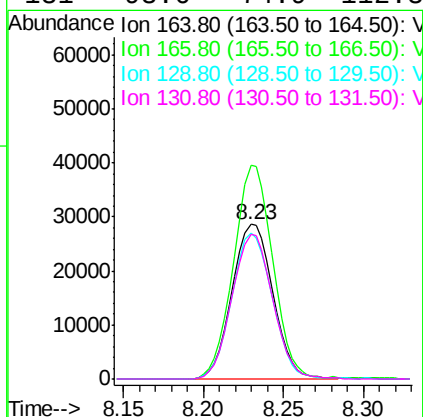
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

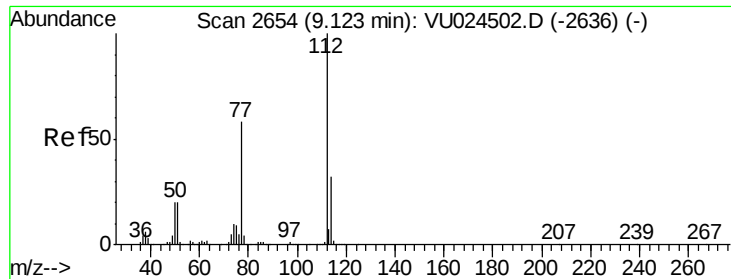
Tgt Ion:117 Resp: 255401
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 20.608 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion:164 Resp: 50029
Ion Ratio Lower Upper
164 100
166 138.0 101.7 152.5
129 94.5 76.9 115.3
131 93.6 74.9 112.3

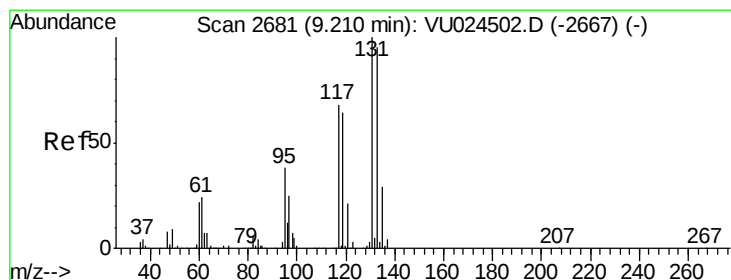
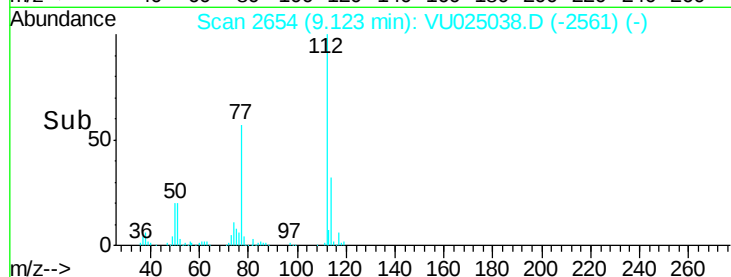
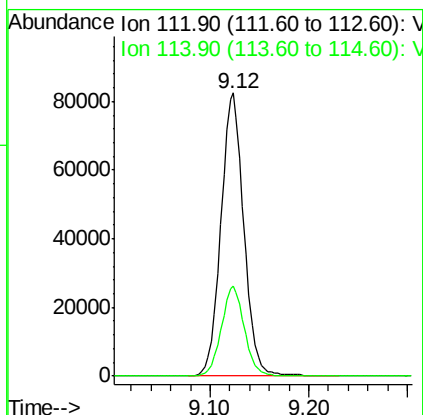
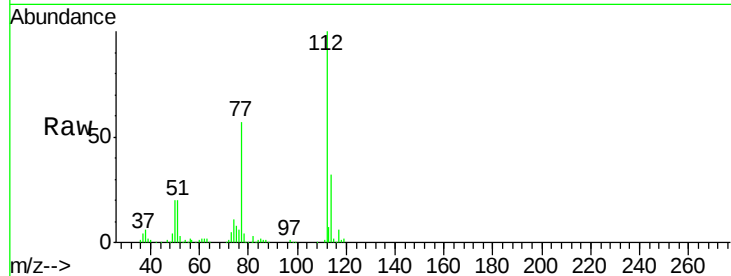




#65
Chlorobenzene
Concen: 20.622 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

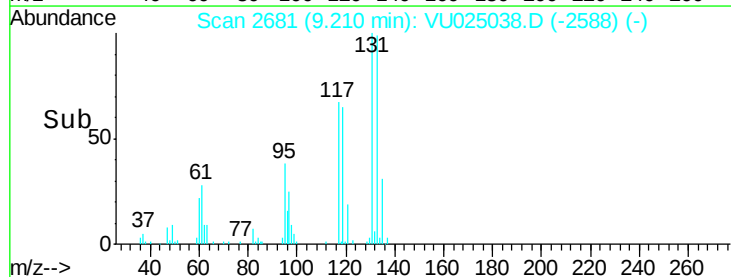
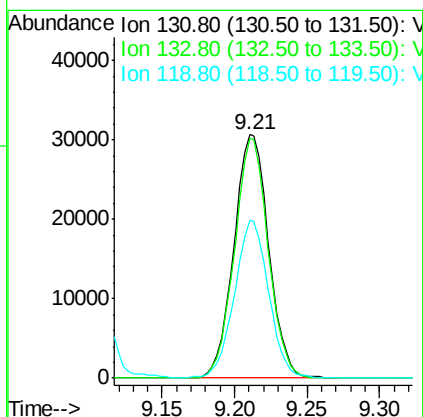
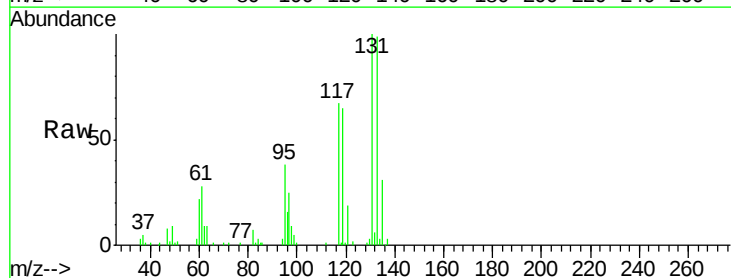
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

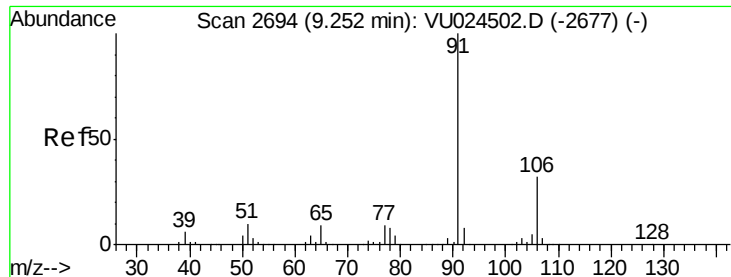
Tgt Ion:112 Resp: 134548
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.576 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion:131 Resp: 51003
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.8
119 63.9 33.5 100.4

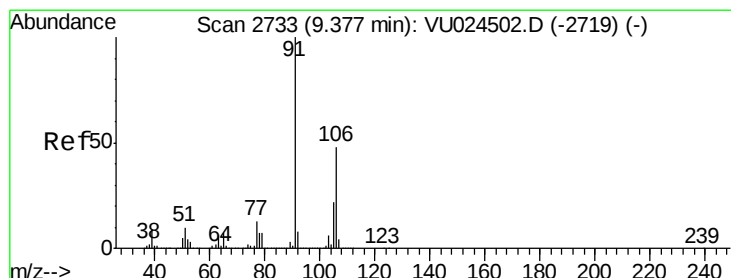
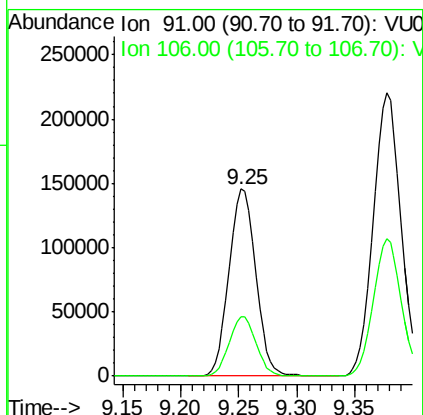
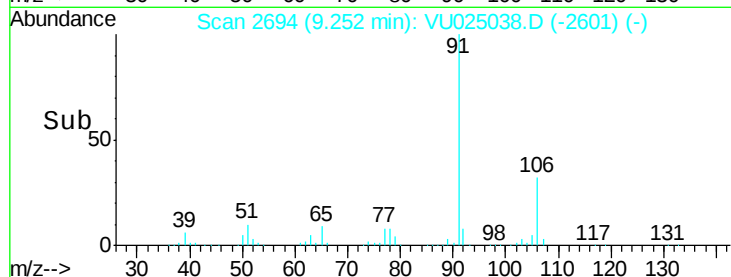
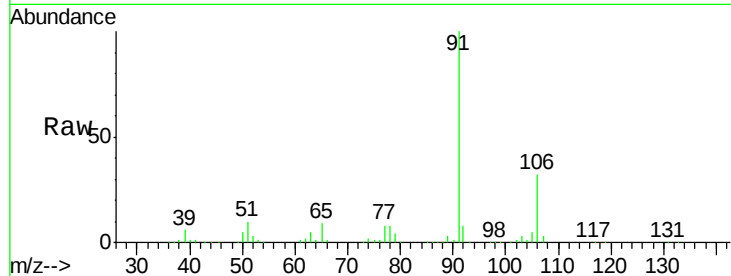




#67
 Ethyl Benzene
 Concen: 20.311 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

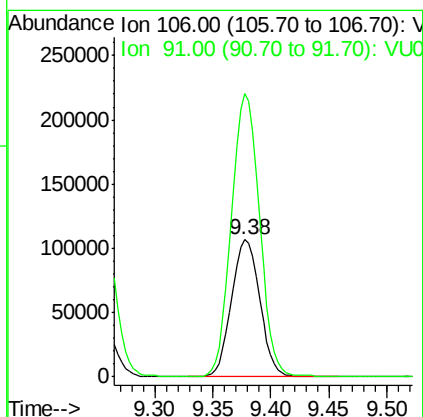
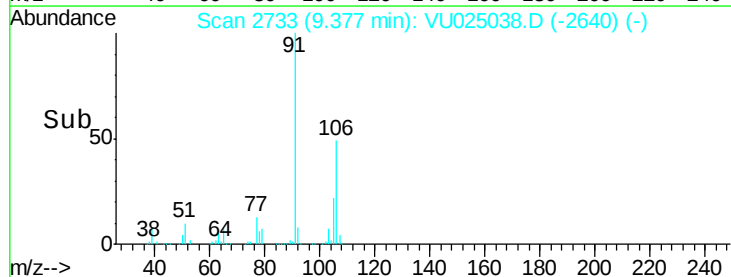
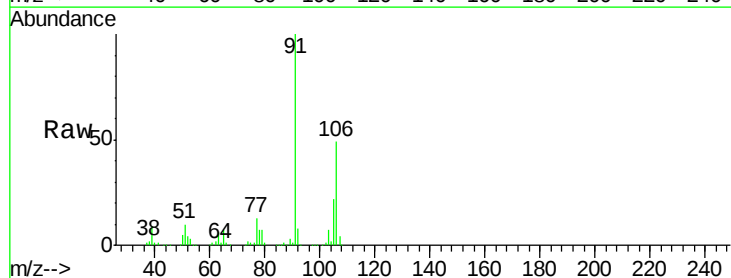
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

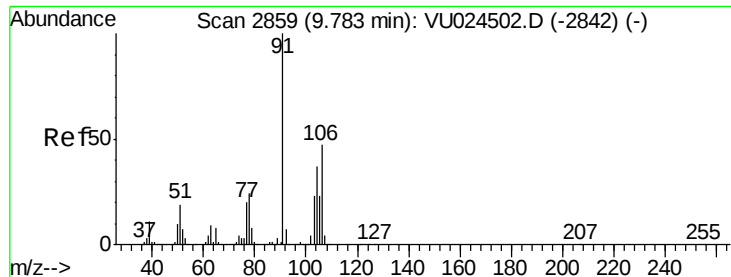
Tgt Ion: 91 Resp: 232324
 Ion Ratio Lower Upper
 91 100
 106 31.7 24.2 36.4



#68
 m/p-Xylenes
 Concen: 41.010 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion: 106 Resp: 180123
 Ion Ratio Lower Upper
 106 100
 91 205.6 166.5 249.7

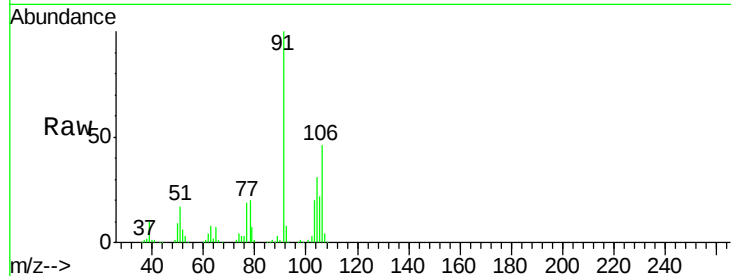




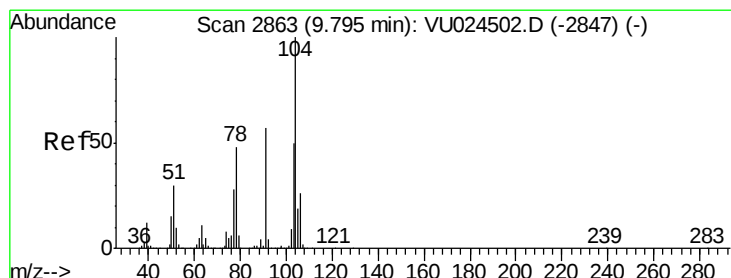
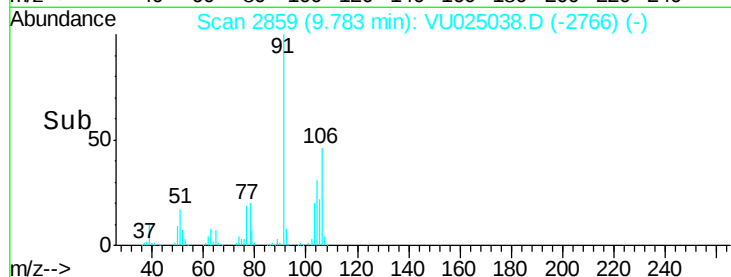
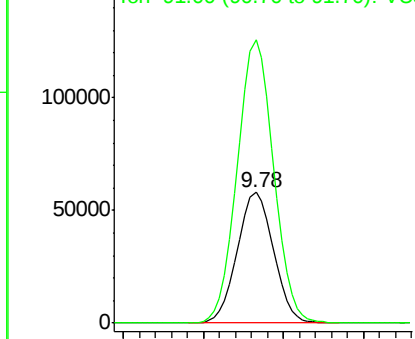
#69
o-Xylene
Concen: 20.636 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

Tgt Ion:106 Resp: 89701
Ion Ratio Lower Upper
106 100
91 216.2 110.7 331.9

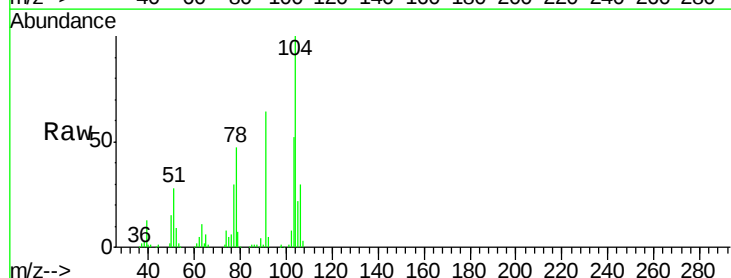


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

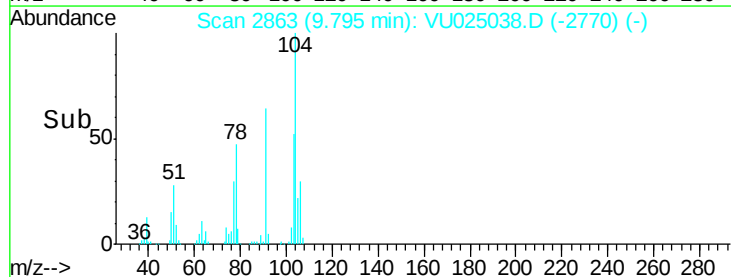
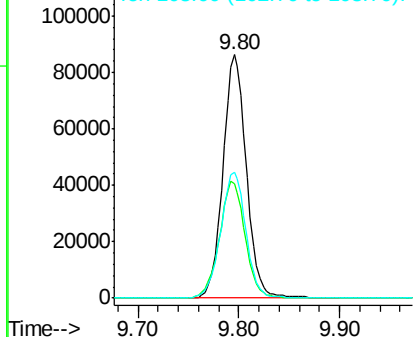


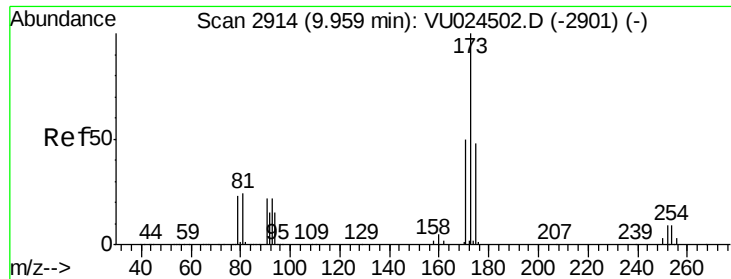
#70
Styrene
Concen: 19.616 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion:104 Resp: 140121
Ion Ratio Lower Upper
104 100
78 52.3 40.6 60.8
103 55.9 44.7 67.1



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: 17.167 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

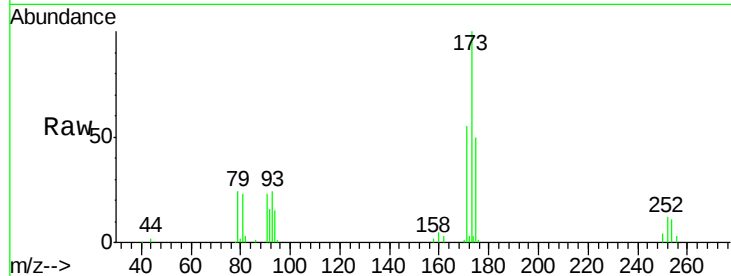
Tgt Ion:173 Resp: 40446

Ion Ratio Lower Upper

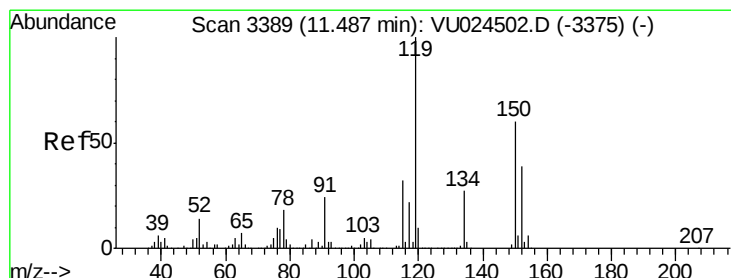
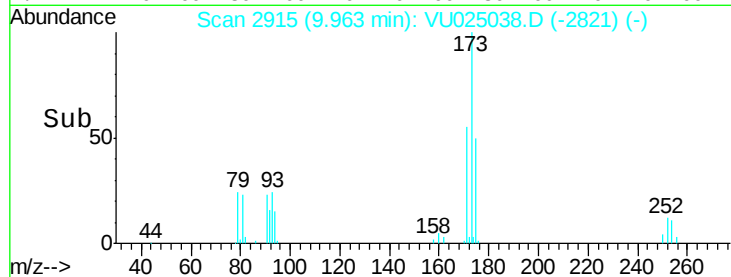
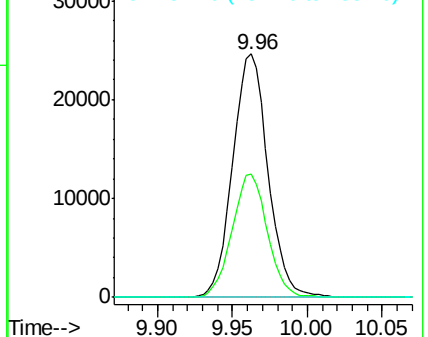
173 100

175 50.4 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

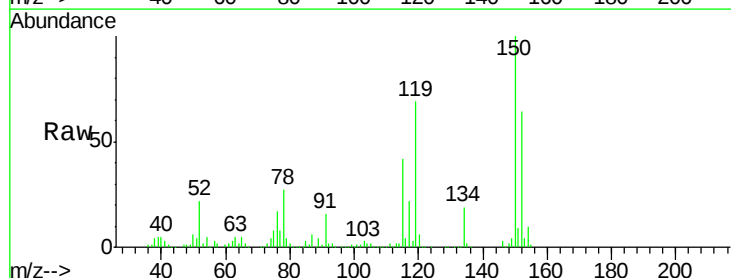
Tgt Ion:152 Resp: 146934

Ion Ratio Lower Upper

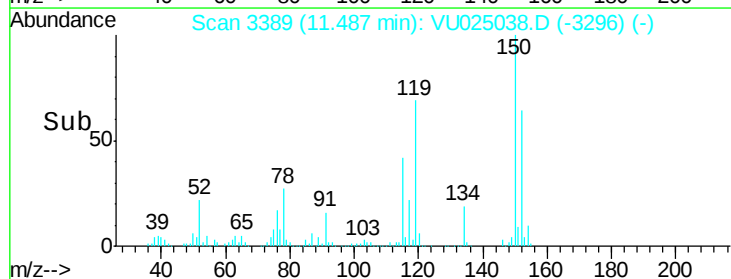
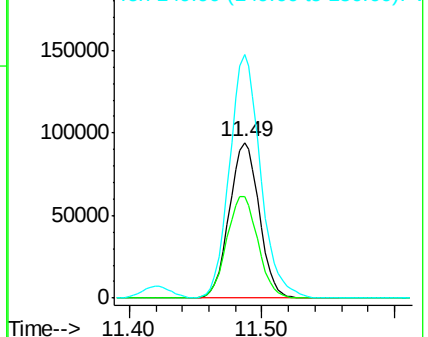
152 100

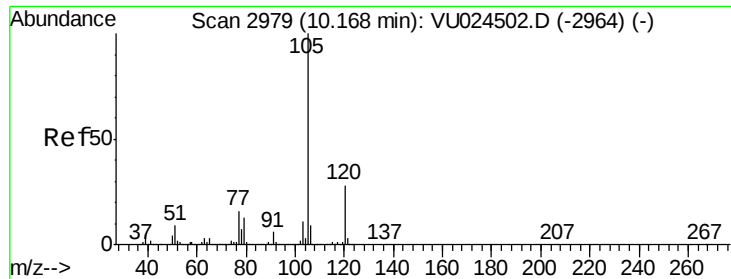
115 68.6 43.0 129.0

150 163.0 0.0 354.0



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: 21.244 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

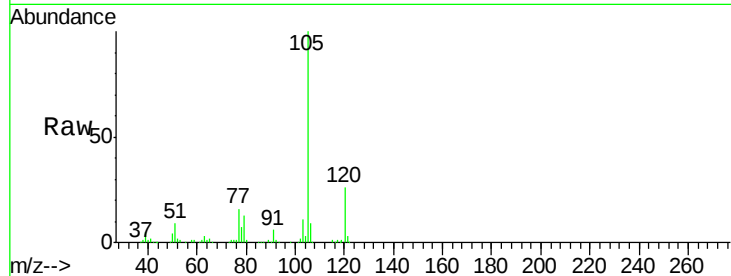
VU0628MBS02

Tgt Ion: 105 Resp: 239658

Ion Ratio Lower Upper

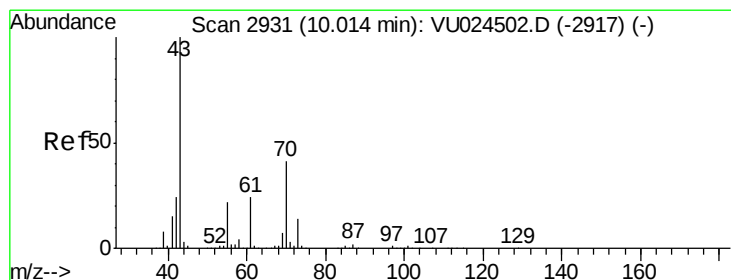
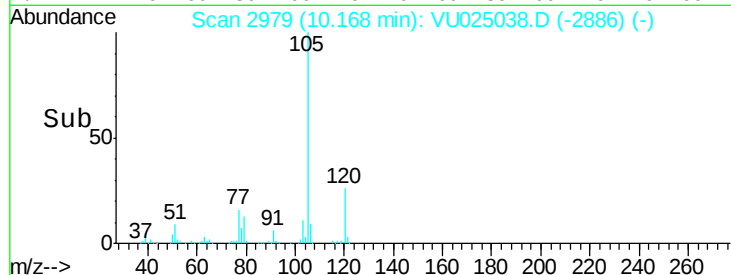
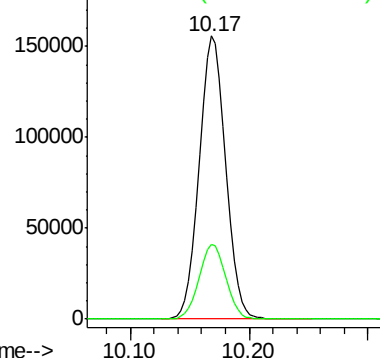
105 100

120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.611 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Tgt Ion: 43 Resp: 99860

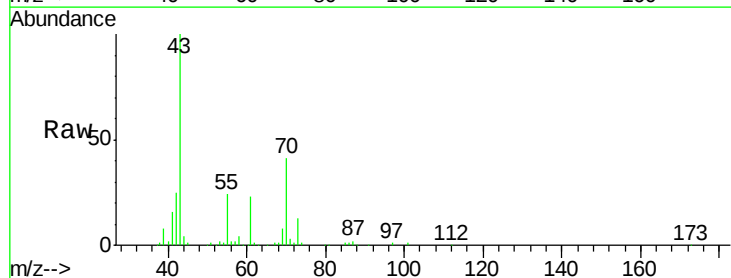
Ion Ratio Lower Upper

43 100

70 41.1 32.2 48.4

55 24.1 20.5 30.7

61 24.0 18.7 28.1

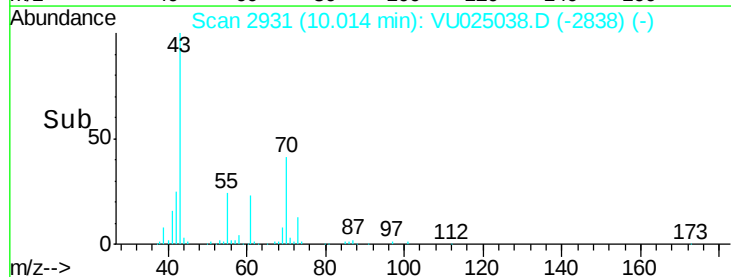
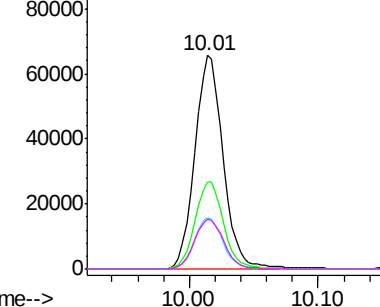


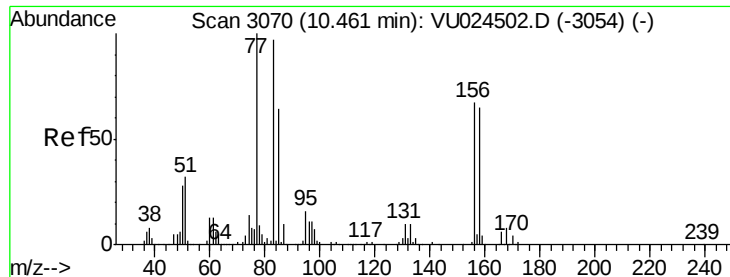
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.278 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

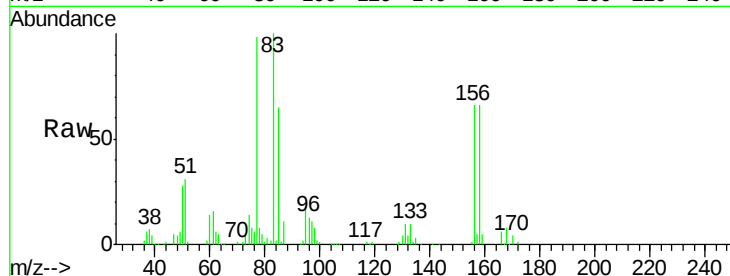
Tgt Ion: 83 Resp: 80438

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

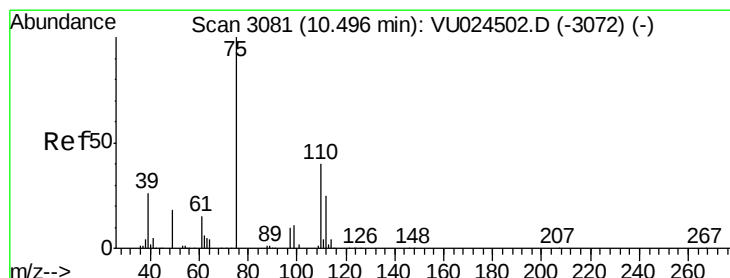
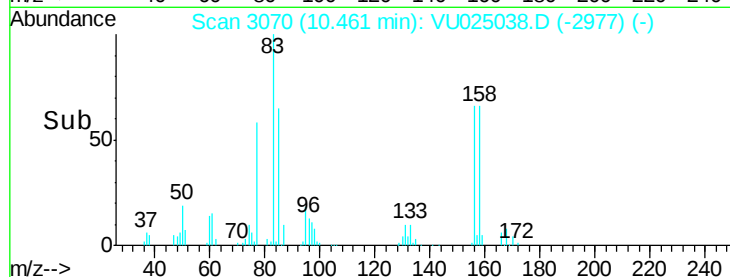
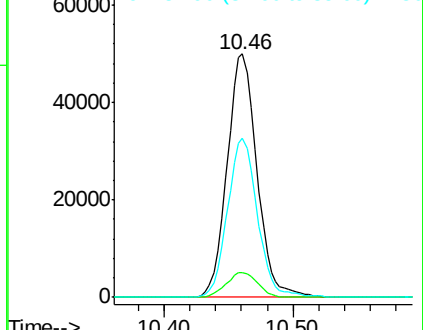
85 65.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 29.054 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025038.D

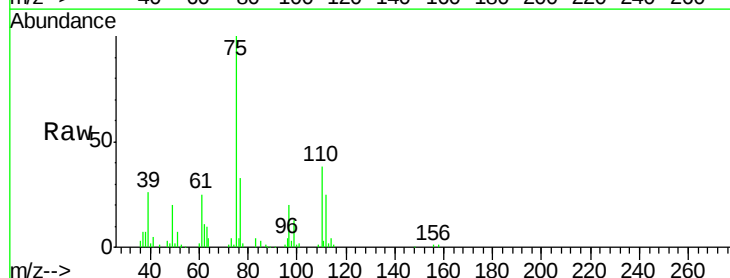
Acq: 28 Jun 2018 23:09

Tgt Ion: 75 Resp: 93989

Ion Ratio Lower Upper

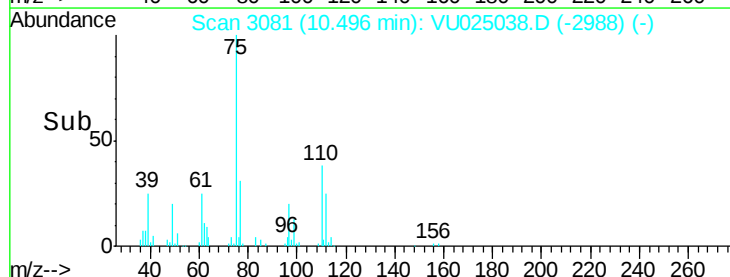
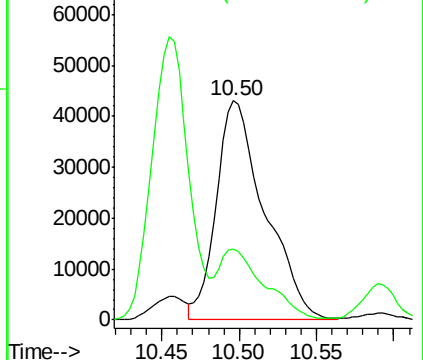
75 100

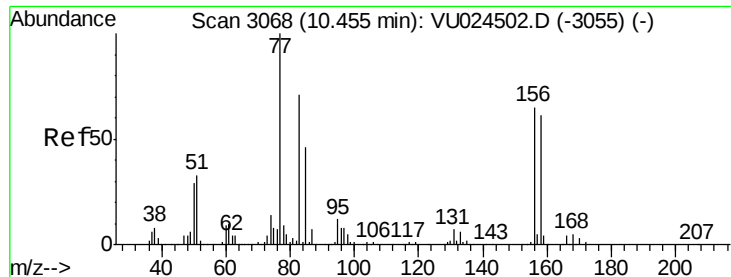
77 29.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 21.241 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

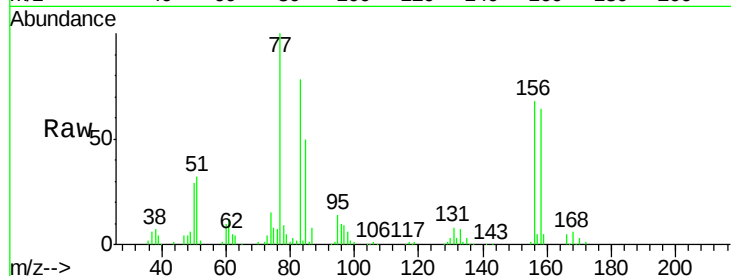
Tgt Ion:156 Resp: 60663

Ion Ratio Lower Upper

156 100

77 150.7 80.5 241.3

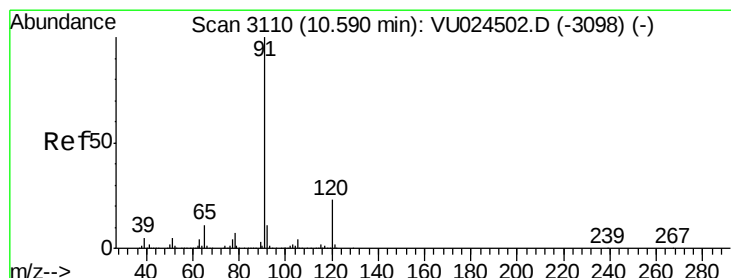
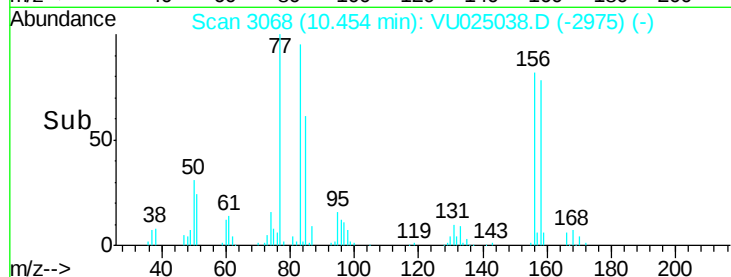
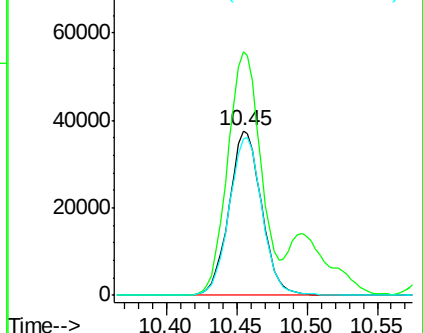
158 97.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.820 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025038.D

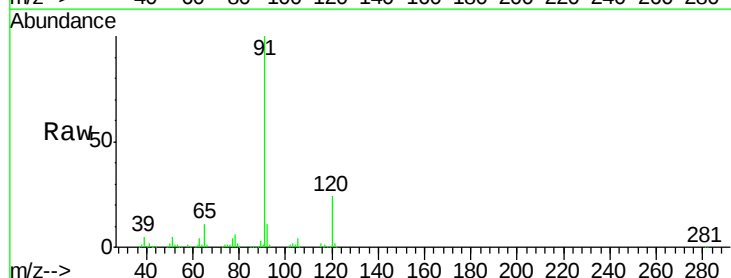
Acq: 28 Jun 2018 23:09

Tgt Ion: 91 Resp: 263384

Ion Ratio Lower Upper

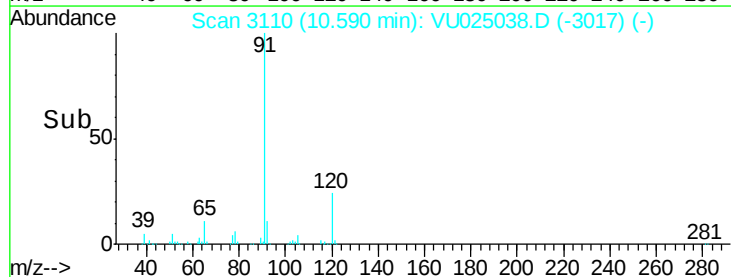
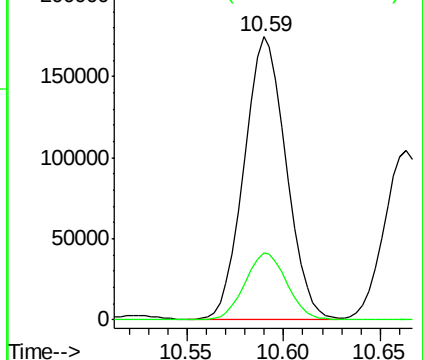
91 100

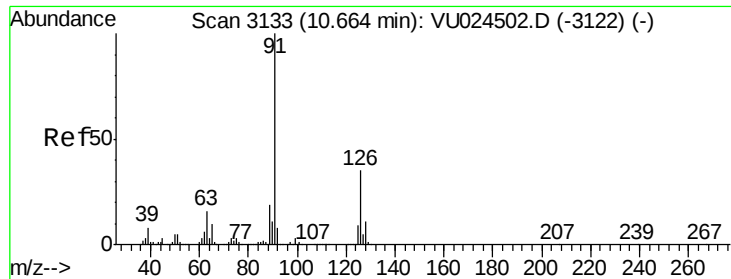
120 23.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.164 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

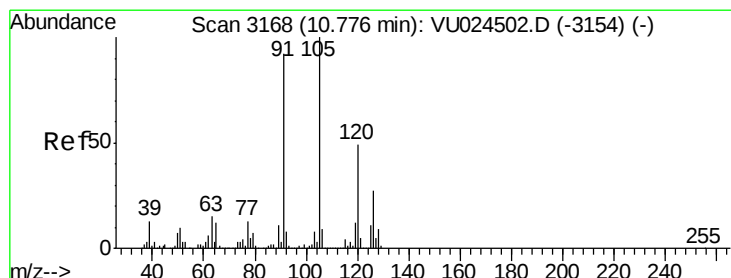
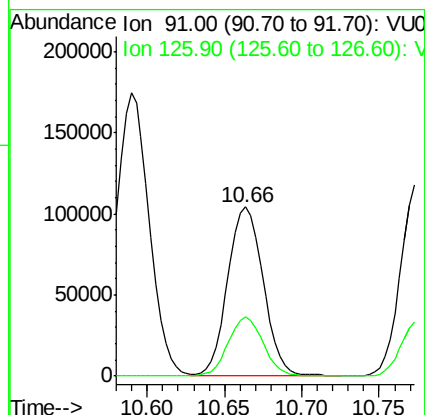
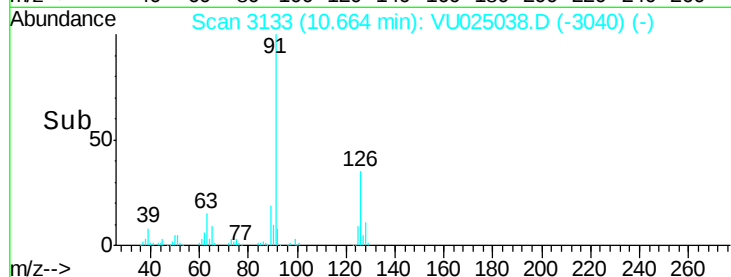
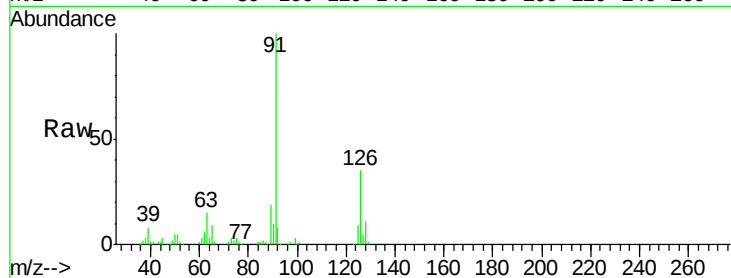
VU0628MBS02

Tgt Ion: 91 Resp: 165856

Ion Ratio Lower Upper

91 100

126 34.6 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 20.931 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025038.D

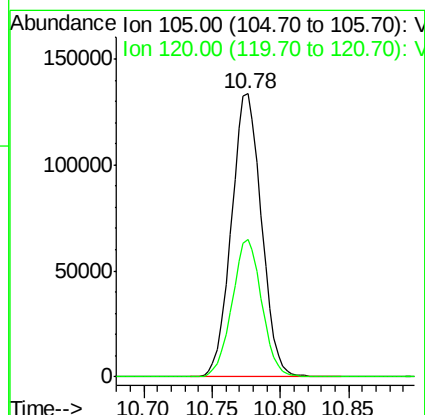
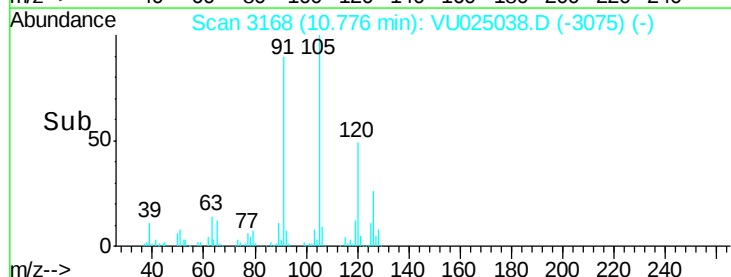
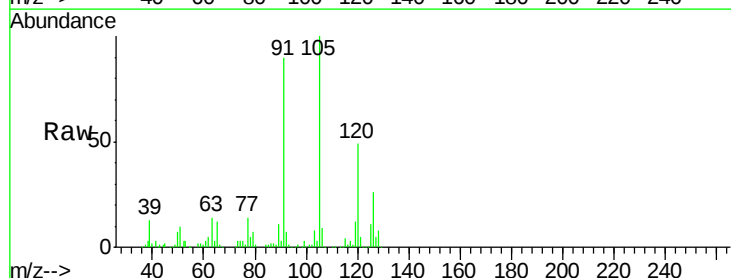
Acq: 28 Jun 2018 23:09

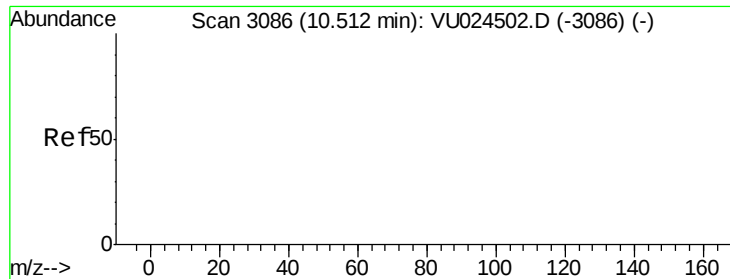
Tgt Ion: 105 Resp: 204653

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2

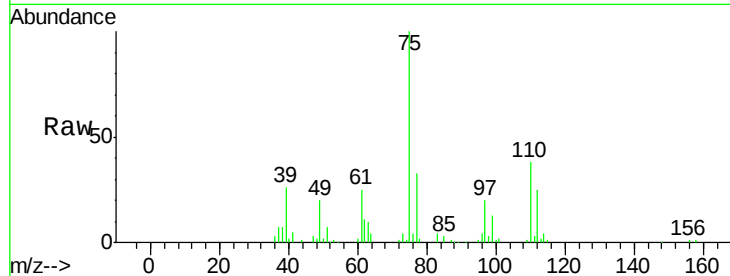




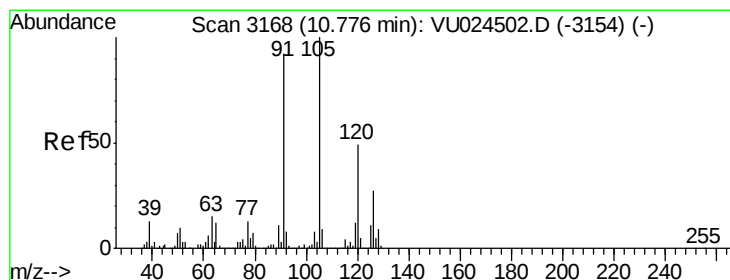
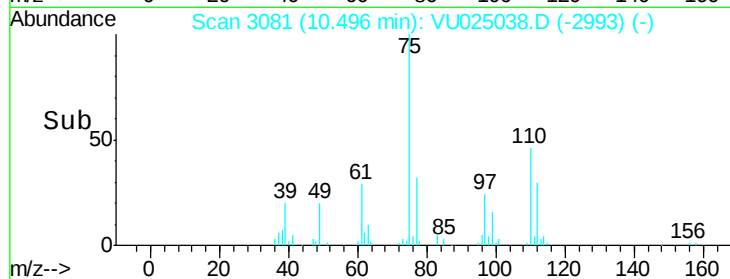
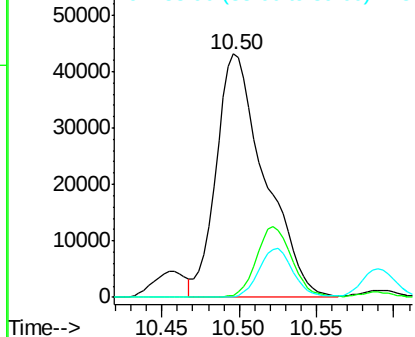
#81
trans-1,4-Dichloro-2-butene
Concen: 67.244 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBS02

Tgt Ion: 75 Resp: 93989
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

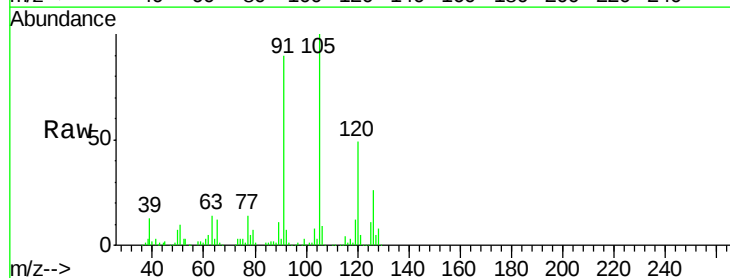


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

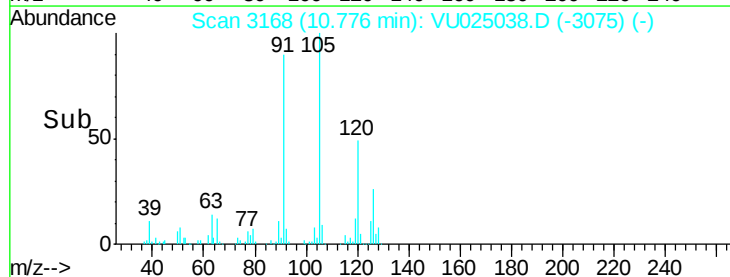
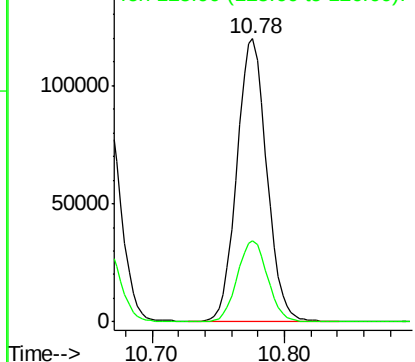


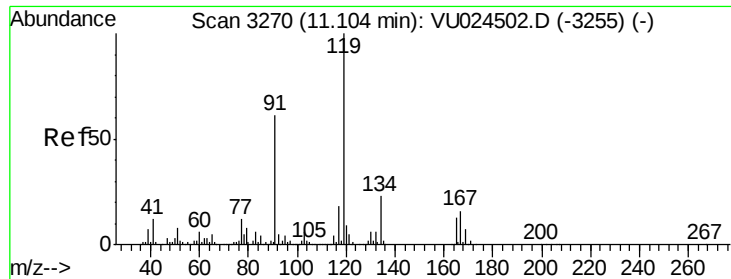
#82
4-Chlorotoluene
Concen: 20.385 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025038.D
Acq: 28 Jun 2018 23:09

Tgt Ion: 91 Resp: 185938
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

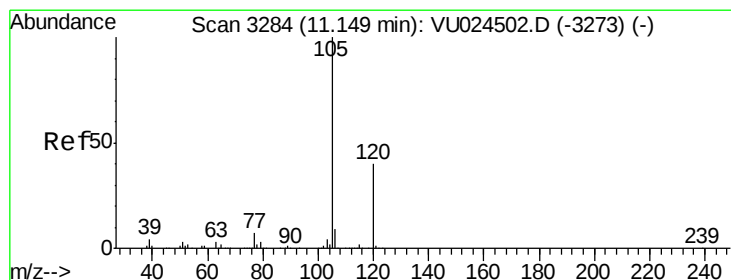
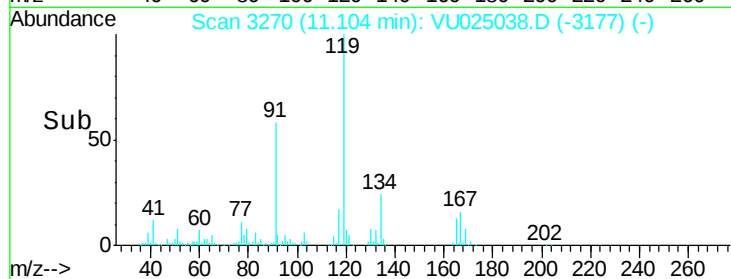
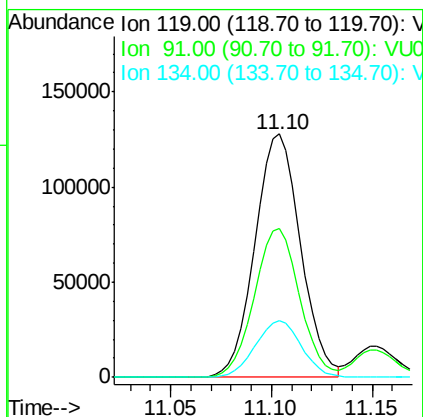
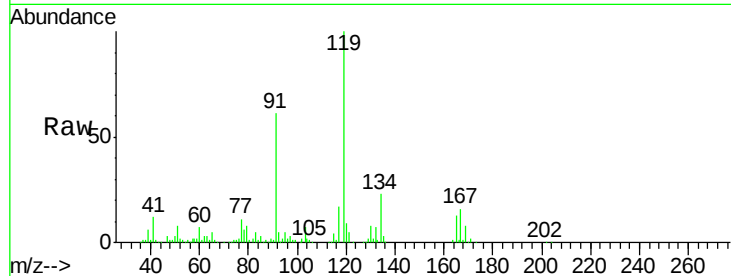




#83
 tert-Butylbenzene
 Concen: 21.479 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

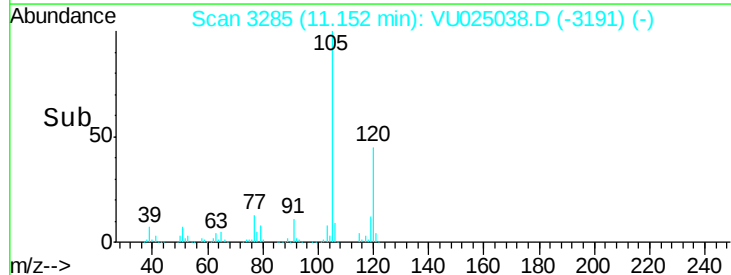
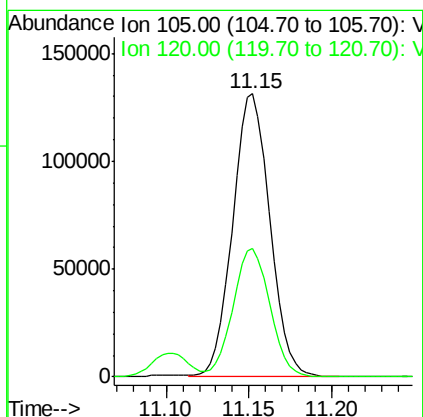
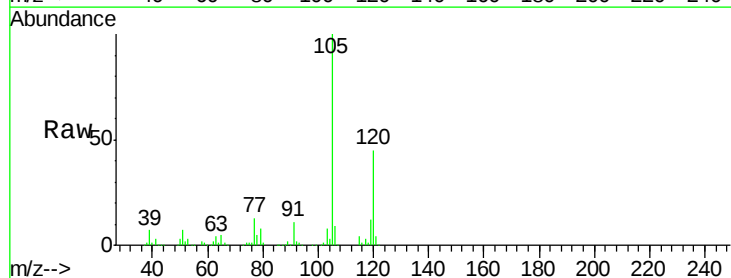
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

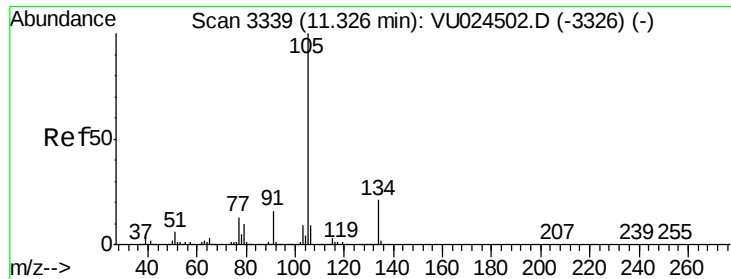
Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.9	29.7	89.1
134	23.5	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.438 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8

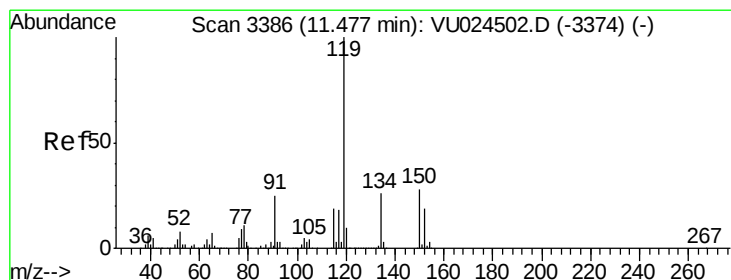
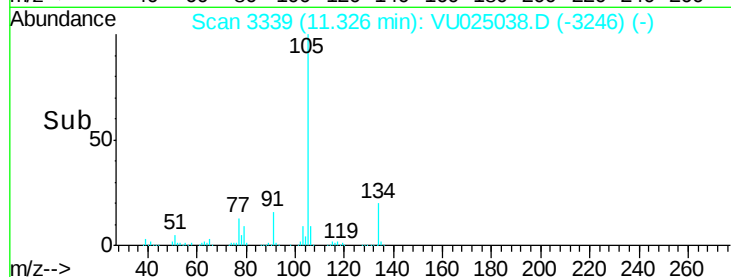
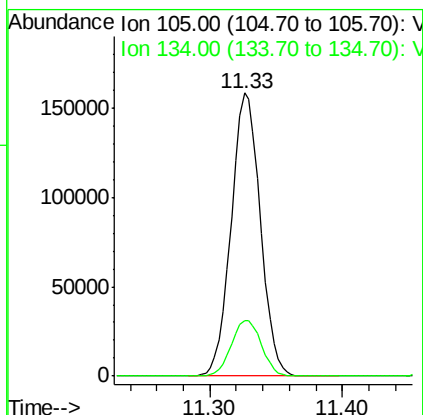
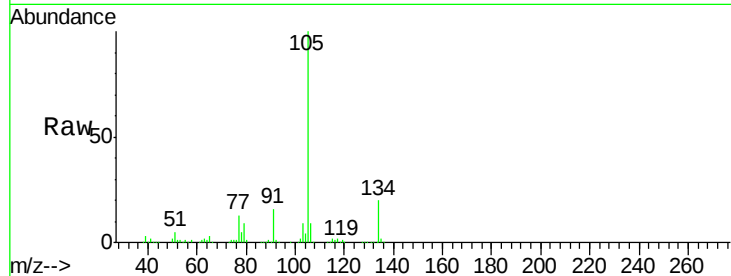




#85
 sec-Butylbenzene
 Concen: 20.514 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

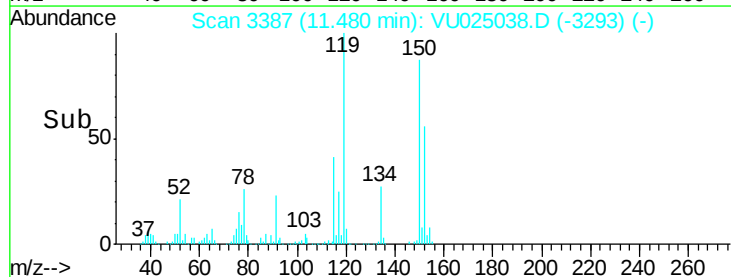
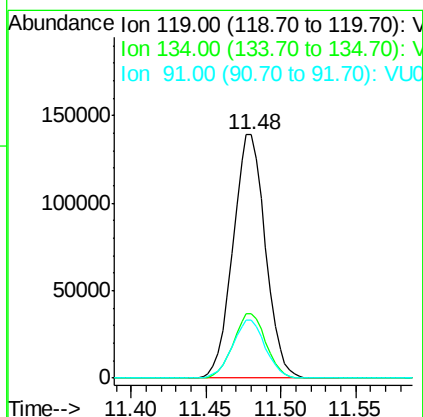
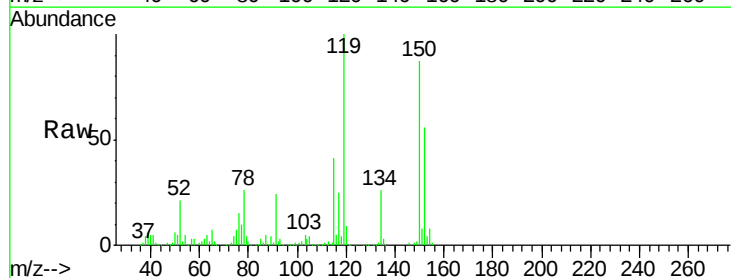
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

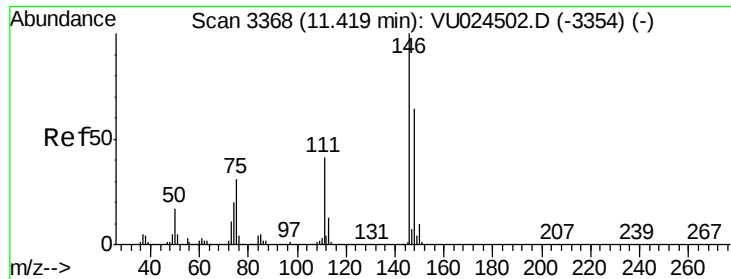
Tgt Ion:105 Resp: 241516
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.919 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion:119 Resp: 210025
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.326 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

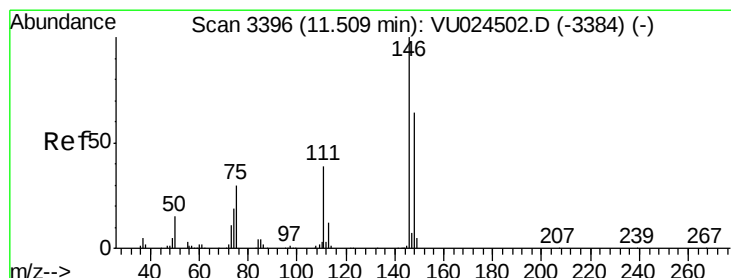
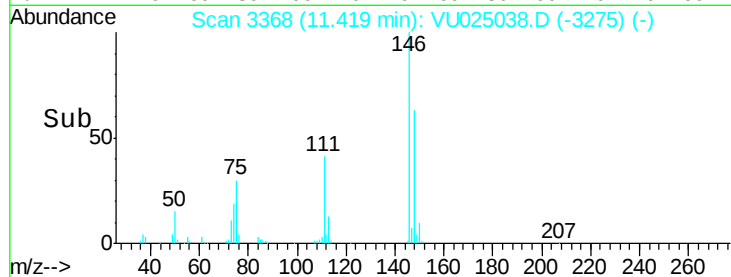
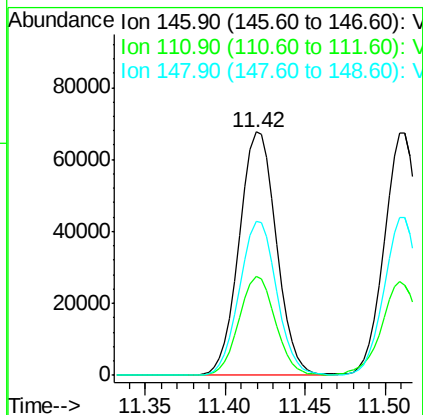
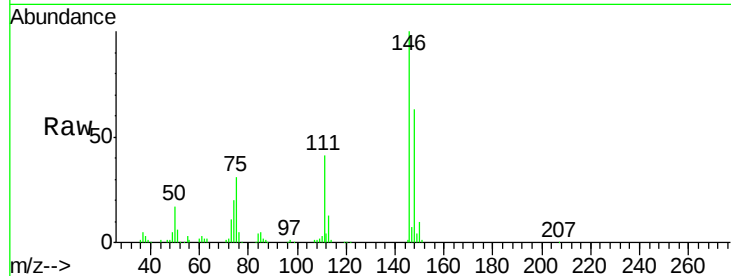
Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

Tgt Ion:	146	Resp:	107249
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	63.2	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 20.093 ug/l

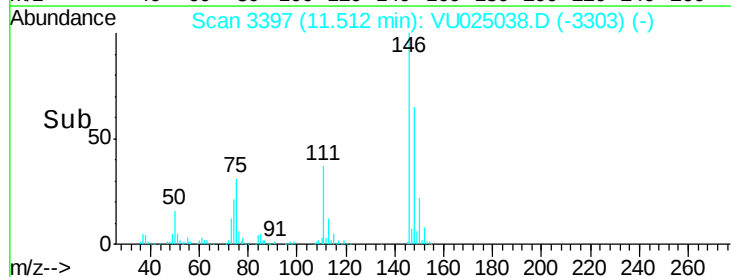
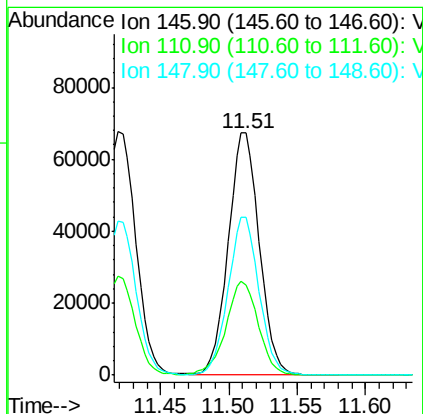
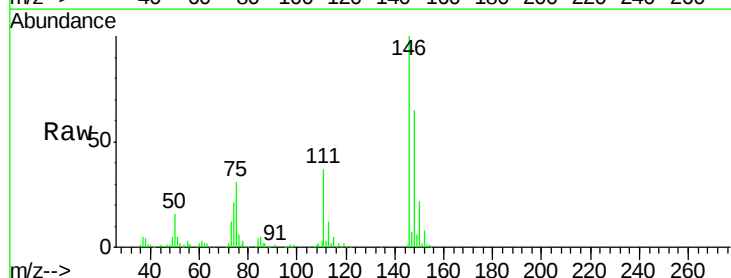
RT: 11.51 min Scan# 3397

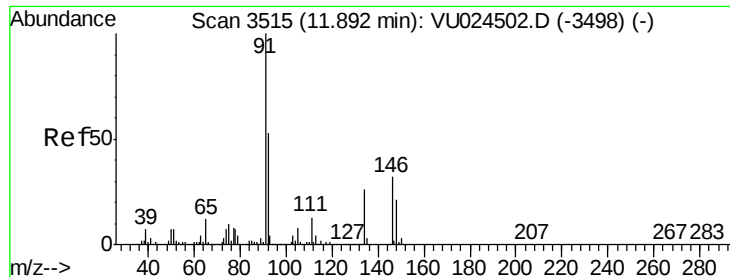
Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Tgt Ion:	146	Resp:	106706
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.5	58.5
148	65.1	32.4	97.0





#89

n-Butylbenzene

Concen: 17.106 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

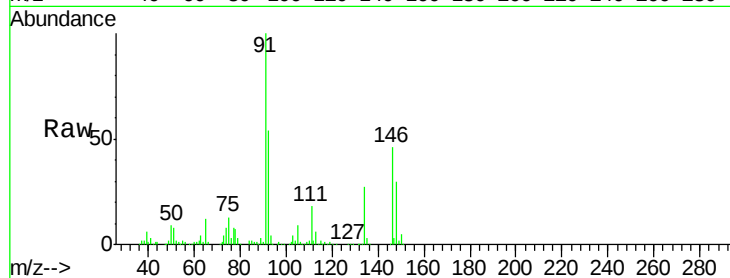
Tgt Ion: 91 Resp: 160138

Ion Ratio Lower Upper

91 100

92 52.3 25.6 76.8

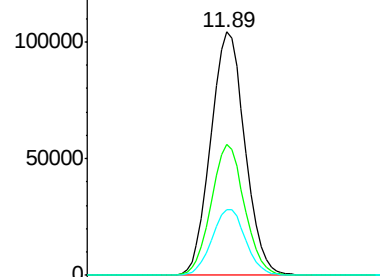
134 26.8 12.3 36.8



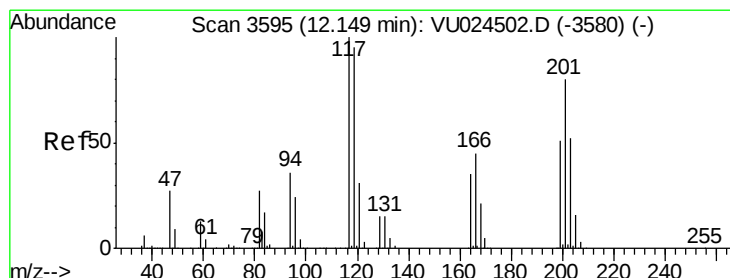
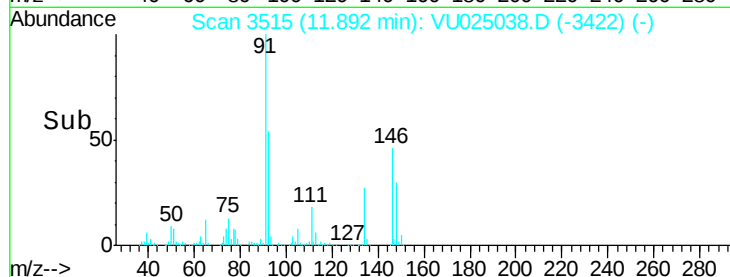
Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)



Time-->



#90

Hexachloroethane

Concen: 17.589 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025038.D

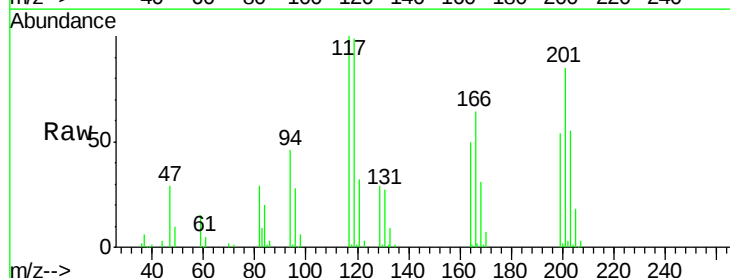
Acq: 28 Jun 2018 23:09

Tgt Ion: 117 Resp: 36179

Ion Ratio Lower Upper

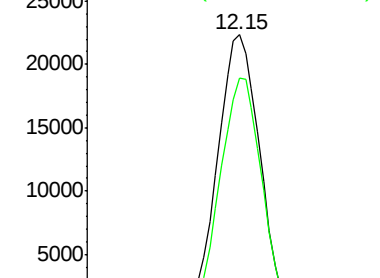
117 100

201 84.1 41.1 123.3

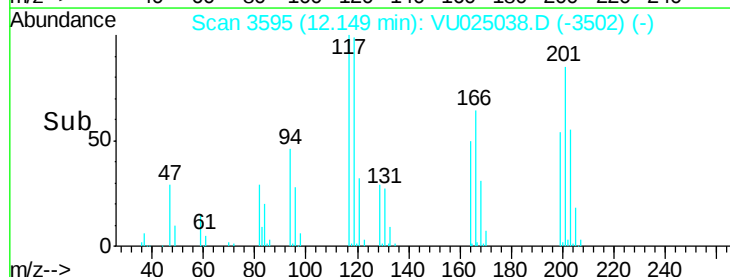


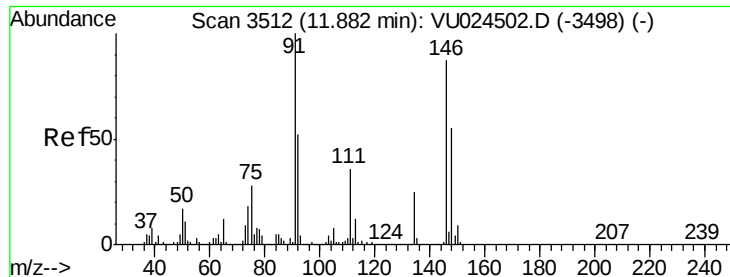
Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)



Time-->





#91

1,2-Dichlorobenzene

Concen: 21.120 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

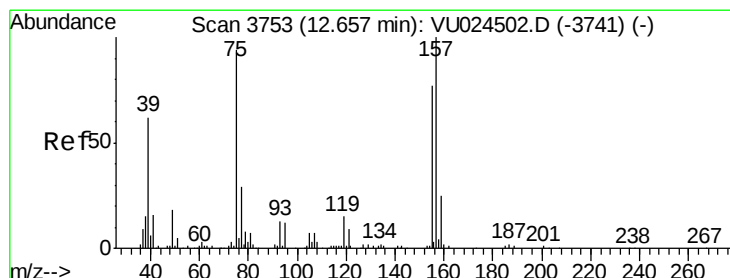
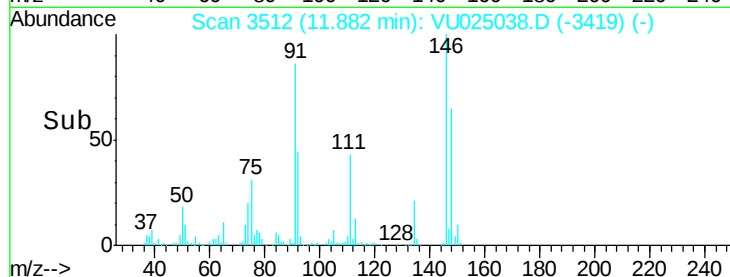
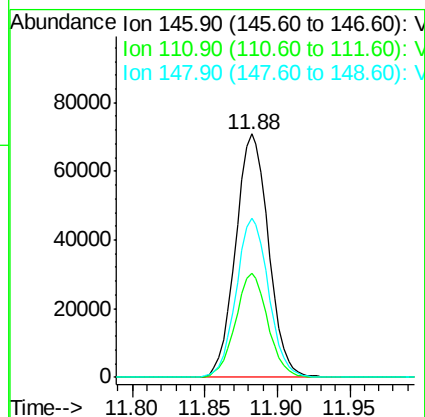
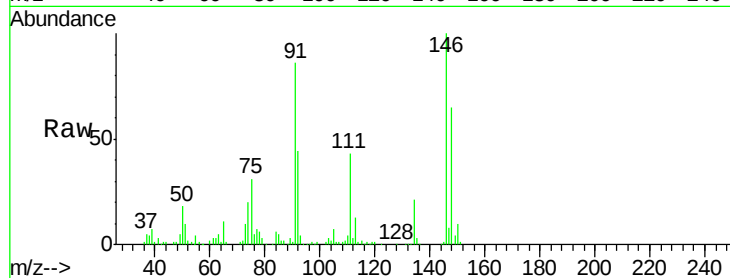
Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

Tgt Ion:	146	Resp:	111617
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.6
148	64.7	31.9	95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.291 ug/l

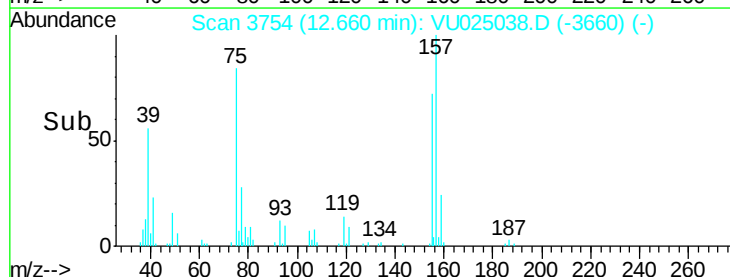
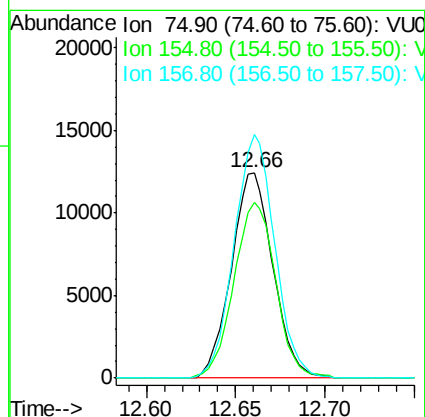
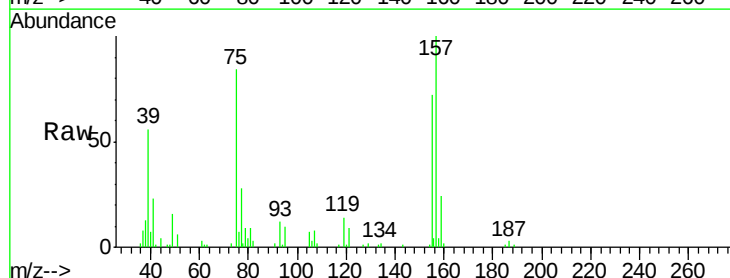
RT: 12.66 min Scan# 3754

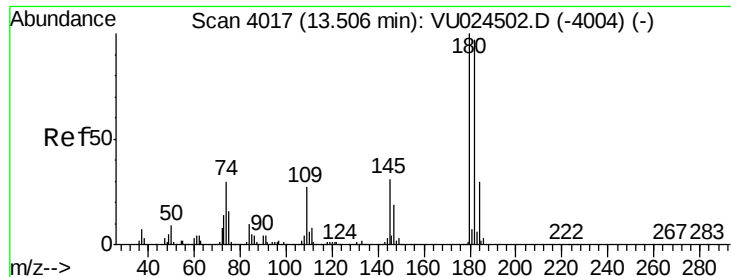
Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Tgt Ion:	75	Resp:	20122
Ion	Ratio	Lower	Upper
75	100		
155	85.8	40.4	121.2
157	116.0	52.3	156.8

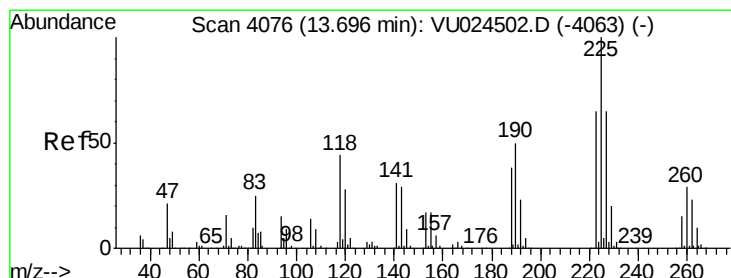
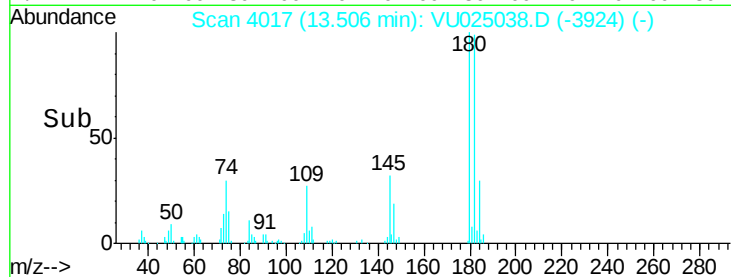
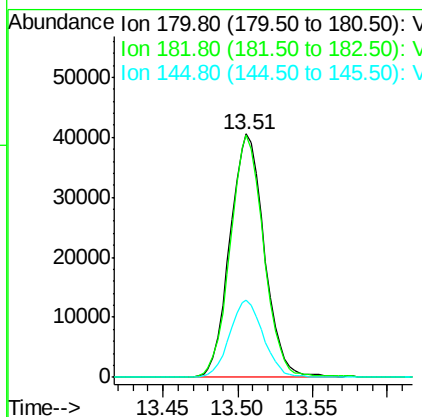
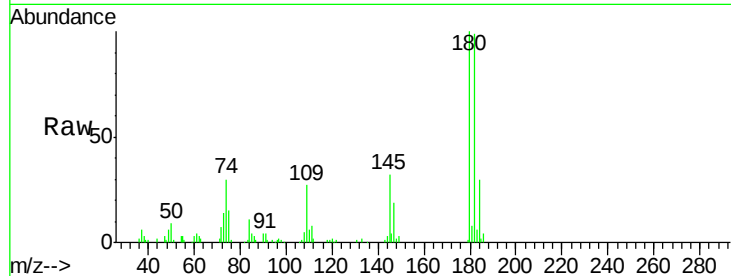




#93
 1,2,4-Trichlorobenzene
 Concen: 19.879 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

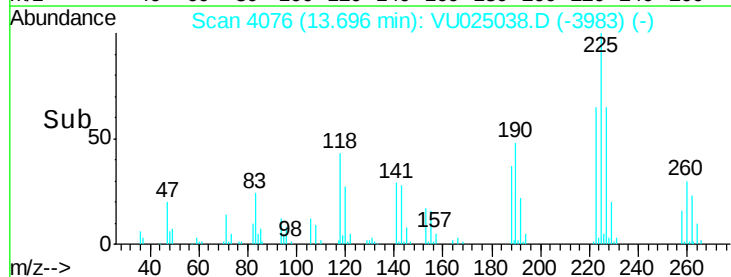
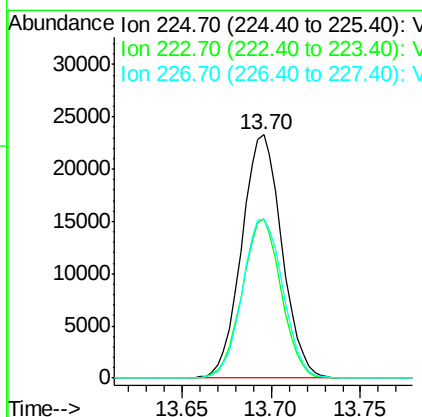
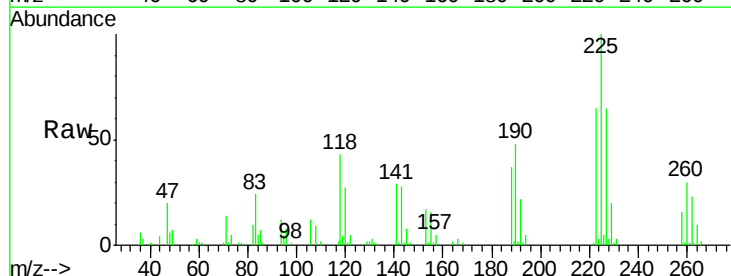
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBS02

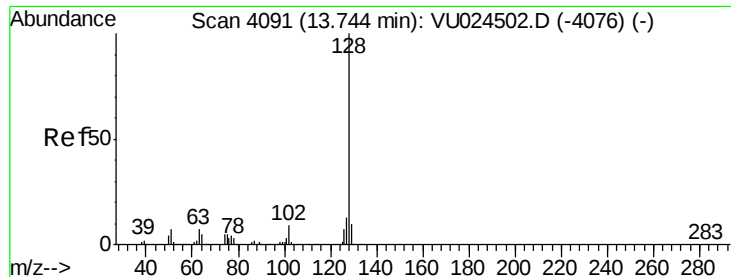
Tgt Ion:180 Resp: 64877
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 31.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 19.890 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025038.D
 Acq: 28 Jun 2018 23:09

Tgt Ion:225 Resp: 36536
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.3 93.8
 227 66.2 31.8 95.4





#95

Naphthalene

Concen: 20.793 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBS02

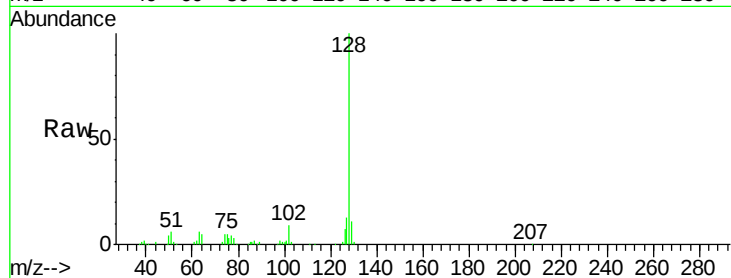
Tgt Ion:128 Resp: 220301

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

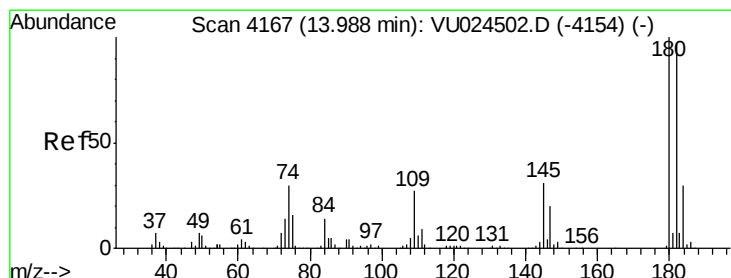
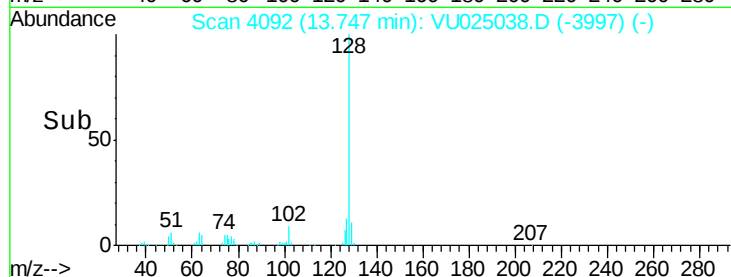
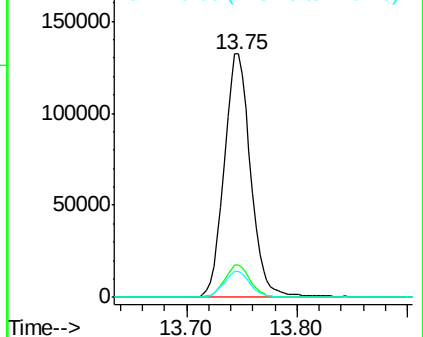
129 10.9 8.6 12.8



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: 21.383 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025038.D

Acq: 28 Jun 2018 23:09

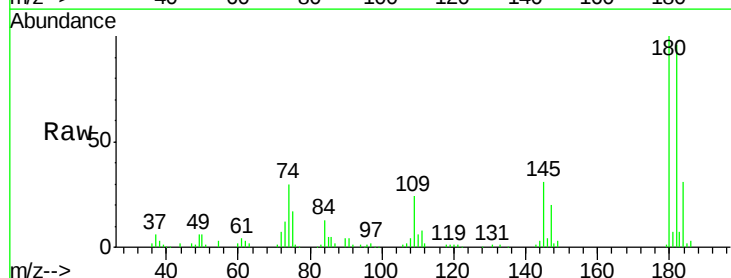
Tgt Ion:180 Resp: 69537

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 31.7 15.4 46.1



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

