

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027259.D
 Acq On : 28 Sep 2018 10:26
 Operator : MD/SY
 Sample : VU0928WBSD02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Quant Time: Sep 28 16:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	77512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132177	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	77279	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	4.88	113	55468	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	7.57	98	197055	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	10.31	95	72439	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	21675	21.417	ug/l	96
3) Chloromethane	1.33	50	33791	19.366	ug/l	98
4) Vinyl Chloride	1.40	62	32125	19.724	ug/l	99
5) Bromomethane	1.63	94	17962	19.366	ug/l	99
6) Chloroethane	1.70	64	20231	19.441	ug/l	98
7) Trichlorofluoromethane	1.89	101	35960	19.440	ug/l	100
8) Diethyl Ether	2.11	74	17912	20.117	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	22738	19.991	ug/l	96
10) Methyl Iodide	2.41	142	10242	7.260	ug/l	98
11) Tert butyl alcohol	2.83	59	33358	93.289	ug/l	98
12) 1,1-Dichloroethene	2.29	96	21320	19.915	ug/l	94
13) Acrolein	2.20	56	11356	58.913	ug/l	100
14) Allyl chloride	2.59	41	48787	22.469	ug/l	95
15) Acrylonitrile	2.94	53	98019	108.761	ug/l	99
16) Acetone	2.32	43	97932	108.808	ug/l	99
17) Carbon Disulfide	2.48	76	69959	20.060	ug/l	99
18) Methyl Acetate	2.62	43	53296	24.002	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	89779	22.821	ug/l	99
20) Methylene Chloride	2.70	84	28053	20.079	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	23913	20.921	ug/l	100
22) Diisopropyl ether	3.57	45	111433	23.993	ug/l	98
23) Vinyl Acetate	3.53	43	464149	117.242	ug/l	99
24) 1,1-Dichloroethane	3.45	63	54395	21.265	ug/l	99
25) 2-Butanone	4.26	43	144785	110.434	ug/l	99
26) 2,2-Dichloropropane	4.23	77	41554	20.831	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	27363	21.198	ug/l	97
28) Bromochloromethane	4.55	49	27018	21.912	ug/l	95
29) Tetrahydrofuran	4.64	42	92889	117.122	ug/l	95
30) Chloroform	4.67	83	50181	21.135	ug/l	100
31) Cyclohexane	5.00	56	50179	21.250	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	39808	20.999	ug/l	100
36) 1,1-Dichloropropene	5.14	75	35667	20.219	ug/l	99
37) Ethyl Acetate	4.38	43	53089	22.231	ug/l	99
38) Carbon Tetrachloride	5.13	117	33915	20.203	ug/l	99

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Quant Time: Sep 28 16:16:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	39618	20.666	ug/l	96
40) Benzene	5.39	78	111342	20.762	ug/l	99
41) Methacrylonitrile	4.55	41	29090	23.455	ug/l	98
42) 1,2-Dichloroethane	5.41	62	44300	21.865	ug/l	99
43) Isopropyl Acetate	5.55	43	80509	23.117	ug/l	98
44) Trichloroethene	6.19	130	23816	20.861	ug/l	100
45) 1,2-Dichloropropane	6.43	63	33232	21.748	ug/l	97
46) Dibromomethane	6.56	93	19506	21.137	ug/l	97
47) Bromodichloromethane	6.76	83	38968	20.883	ug/l	98
48) Methyl methacrylate	6.62	41	39812	21.590	ug/l	96
49) 1,4-Dioxane	6.62	88	12240	323.974	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	265884	113.513	ug/l	98
52) Toluene	7.64	92	64916	21.118	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	44323	22.107	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	48136	21.836	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	27569	21.166	ug/l	99
56) Ethyl methacrylate	8.02	69	44673	21.094	ug/l	98
57) 1,3-Dichloropropane	8.24	76	52685	21.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	113377	91.541	ug/l	98
59) 2-Hexanone	8.36	43	203257	110.856	ug/l	98
60) Dibromochloromethane	8.48	129	27434	21.473	ug/l	99
61) 1,2-Dibromoethane	8.59	107	28462	21.002	ug/l	98
64) Tetrachloroethene	8.23	164	19939	19.912	ug/l	97
65) Chlorobenzene	9.12	112	66986	19.441	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	24114	20.319	ug/l	99
67) Ethyl Benzene	9.25	91	118158	20.854	ug/l	100
68) m/p-Xylenes	9.38	106	87587	39.099	ug/l	98
69) o-Xylene	9.78	106	42551	21.196	ug/l	97
70) Styrene	9.79	104	68769	19.493	ug/l	99
71) Bromoform	9.96	173	19366	21.102	ug/l #	100
73) Isopropylbenzene	10.17	105	112147	21.626	ug/l	100
74) N-amyl acetate	10.02	43	67351	22.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	47893	20.087	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	54841	26.480	ug/l	82
77) Bromobenzene	10.45	156	26420	20.849	ug/l	96
78) n-propylbenzene	10.59	91	132375	21.574	ug/l	100
79) 2-Chlorotoluene	10.66	91	82331	21.362	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	93831	21.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	54841	84.740	ug/l #	100
82) 4-Chlorotoluene	10.77	91	93459	21.626	ug/l	99
83) tert-Butylbenzene	11.10	119	88323	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	96050	22.048	ug/l	97
85) sec-Butylbenzene	11.32	105	110832	21.453	ug/l	99
86) p-Isopropyltoluene	11.48	119	94555	20.071	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	47805	20.272	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	49028	19.076	ug/l	98
89) n-Butylbenzene	11.89	91	81992	19.006	ug/l	98
90) Hexachloroethane	12.15	117	17621	18.756	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	49229	19.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10110	20.785	ug/l	97

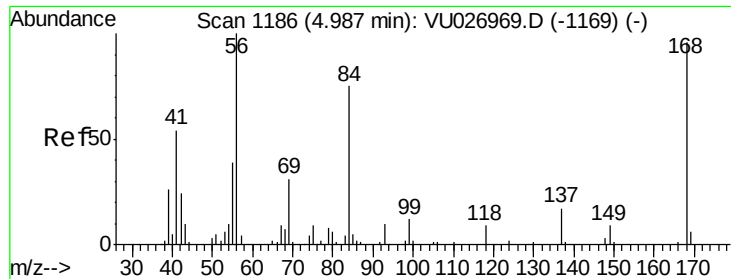
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
Data File : VU027259.D
Acq On : 28 Sep 2018 10:26
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Quant Time: Sep 28 16:16:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	28929	20.040	ug/l	99
94) Hexachlorobutadiene	13.69	225	14559	19.061	ug/l	100
95) Naphthalene	13.74	128	100272	18.855	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	30768	19.876	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

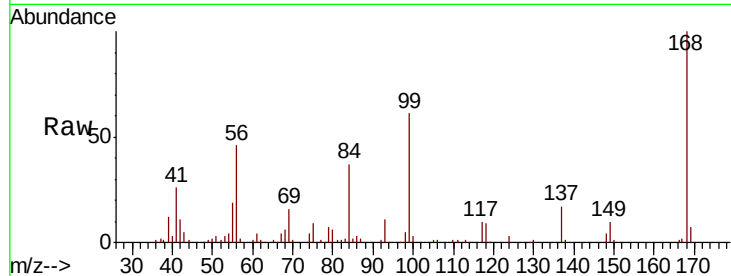
VU0928WBSD02

Tot Ion:168 Resp: 77512

Ion Ratio Lower Upper

168 100

99 60.3 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU027259.D (-1093) (-)

4.99

30000

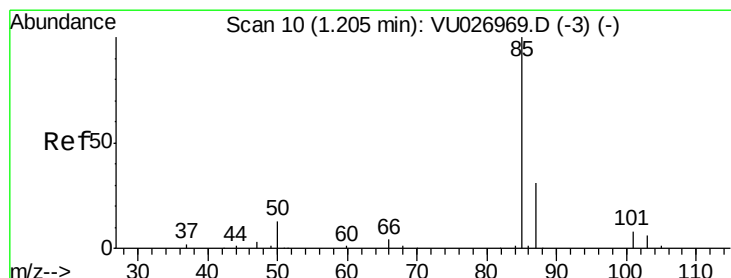
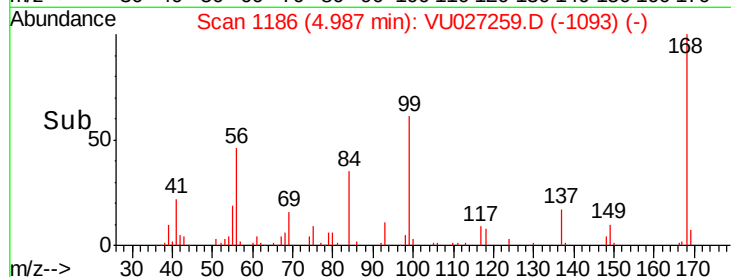
20000

10000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.417 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027259.D

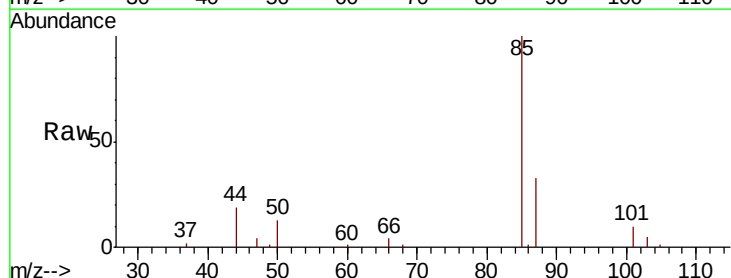
Acq: 28 Sep 2018 10:26

Tgt Ion: 85 Resp: 21675

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.7



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

Ion 86.90 (86.60 to 87.60): VU027259.D (-1) (-)

1.21

25000

20000

15000

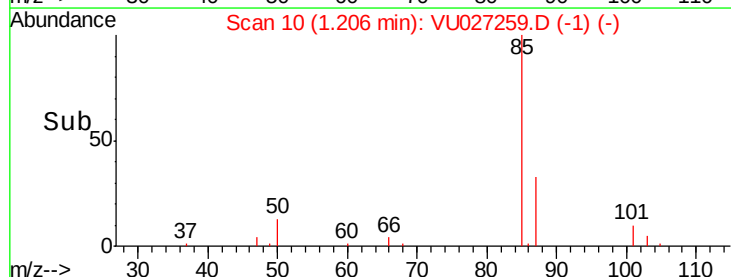
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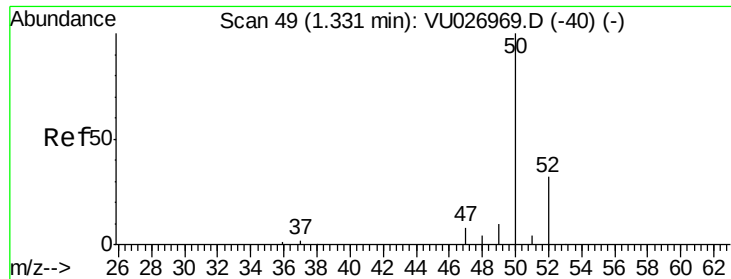
5000

0

1.20 1.25

Time-->

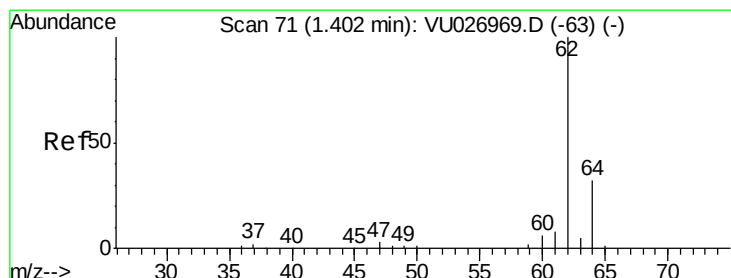
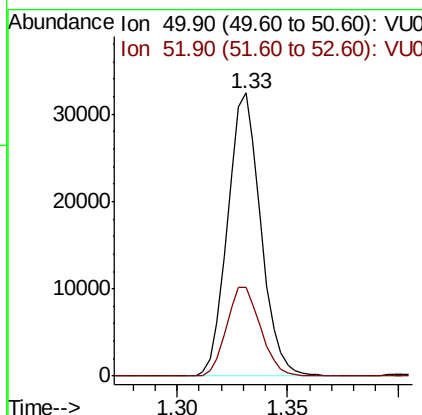
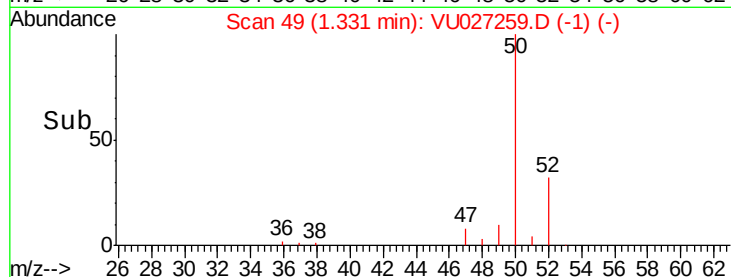
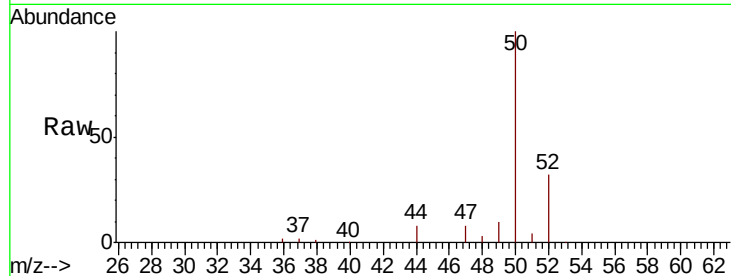




#3
 Chloromethane
 Concen: 19.366 ug/l
 RT: 1.33 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

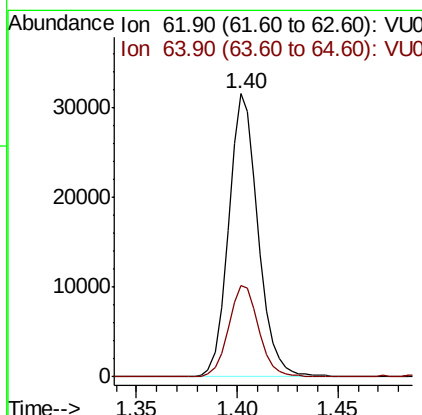
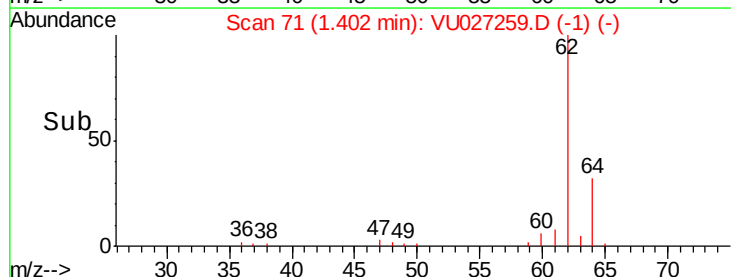
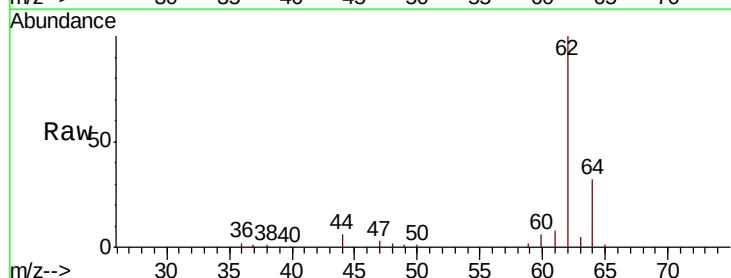
Instrument :
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 VU0928WBSD02

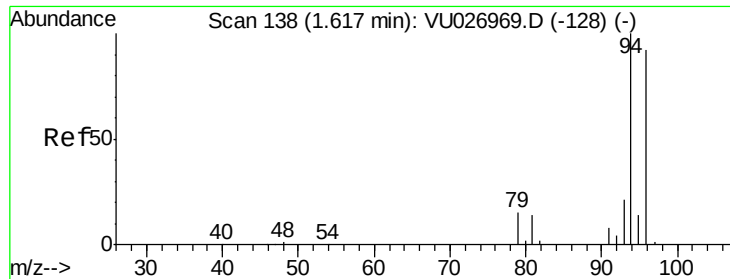
Tot Ion: 50 Resp: 33791
 Ion Ratio Lower Upper
 50 100
 52 31.5 25.9 38.9



#4
 Vinyl Chloride
 Concen: 19.724 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 62 Resp: 32125
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.5 38.3

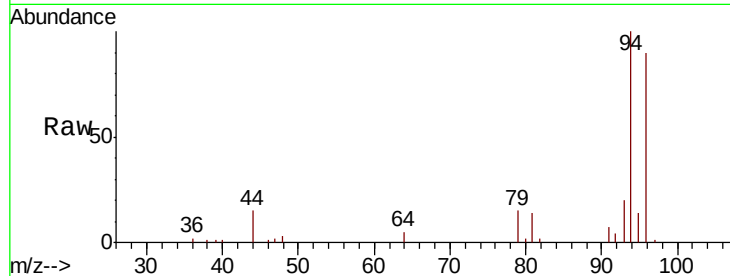




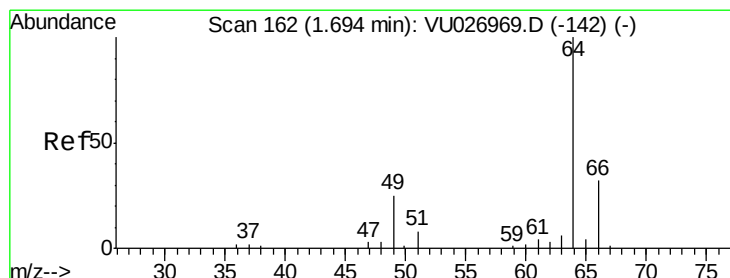
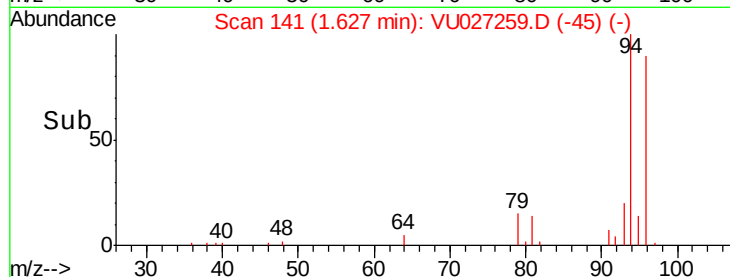
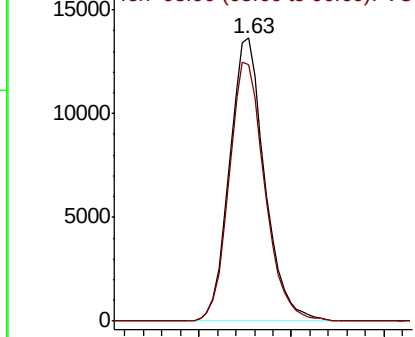
#5
Bromomethane
Concen: 19.366 ug/l
RT: 1.63 min Scan# 141
Delta R.T. 0.01 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion: 94 Resp: 17962
Ion Ratio Lower Upper
94 100
96 90.4 73.2 109.8

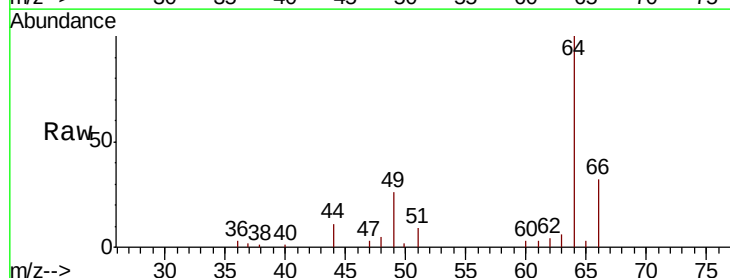


Abundance Ion 93.90 (93.60 to 94.60): VU0
Ion 95.90 (95.60 to 96.60): VU0

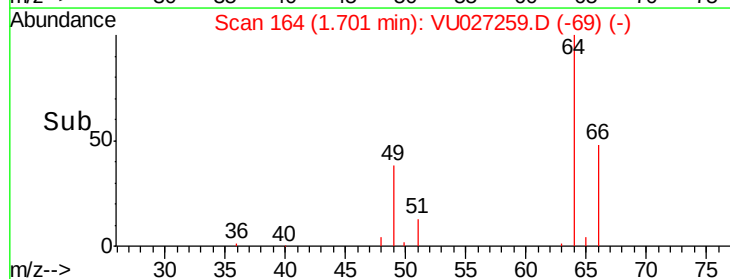
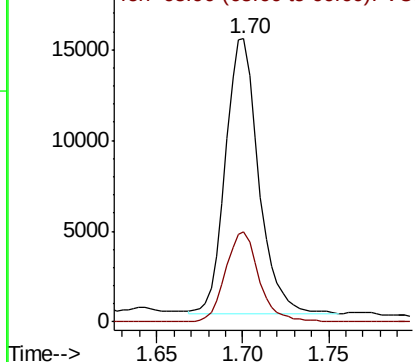


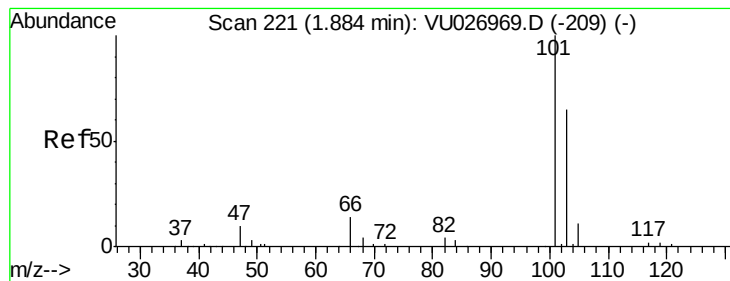
#6
Chloroethane
Concen: 19.441 ug/l
RT: 1.70 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 64 Resp: 20231
Ion Ratio Lower Upper
64 100
66 32.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0



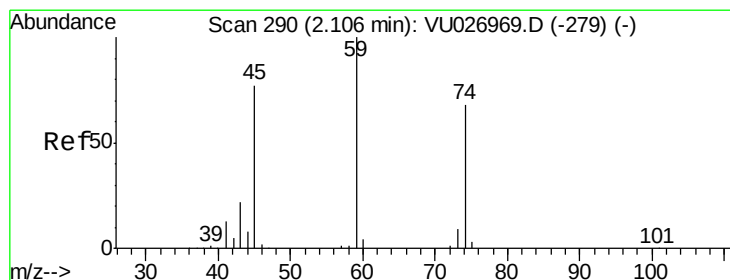
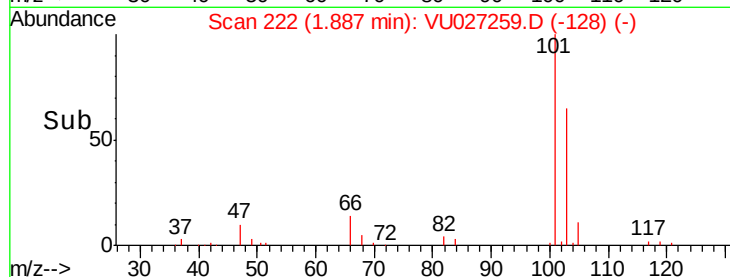
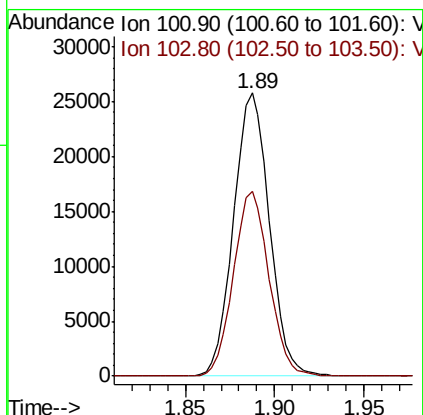
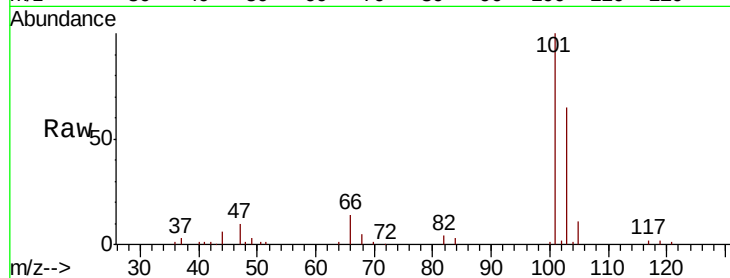


#7

Trichlorofluoromethane
 Concen: 19.440 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
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 VU0928WBSD02

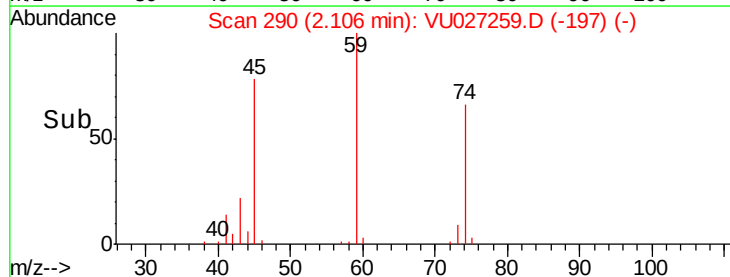
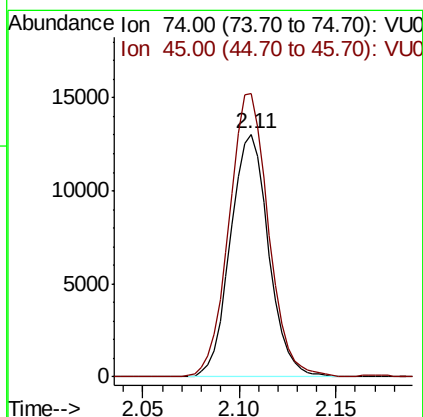
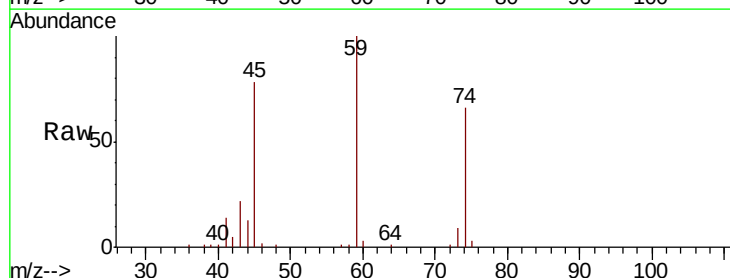
Tot Ion:101 Resp: 35960
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2

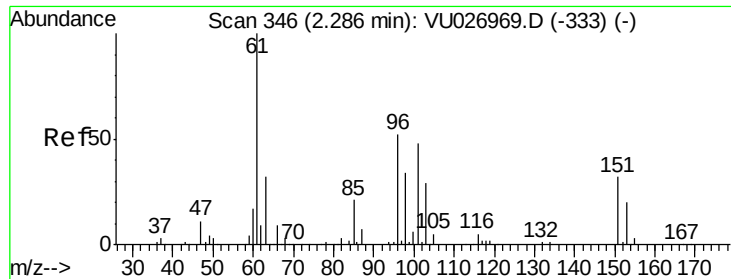


#8

Diethyl Ether
 Concen: 20.117 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 74 Resp: 17912
 Ion Ratio Lower Upper
 74 100
 45 120.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.991 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

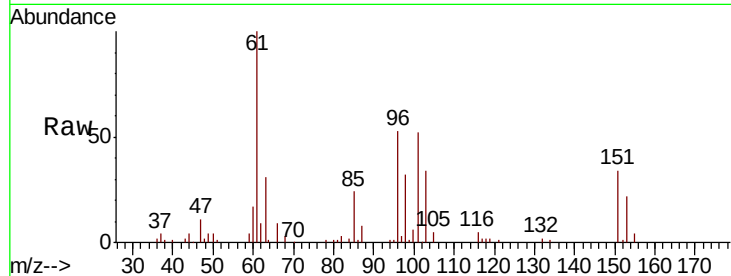
Tot Ion:101 Resp: 22738

Ion Ratio Lower Upper

101 100

85 43.9 36.2 54.2

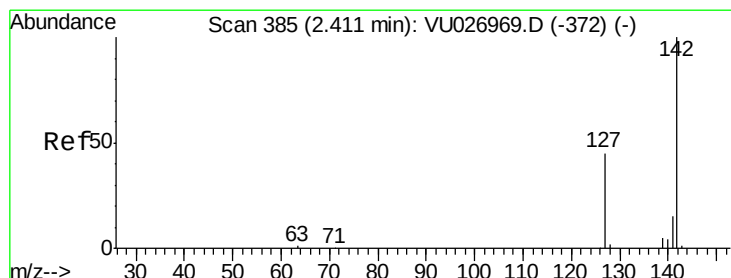
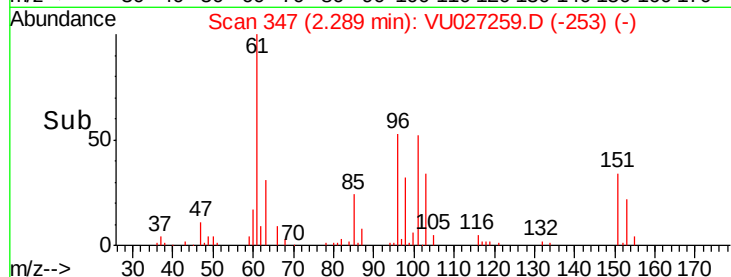
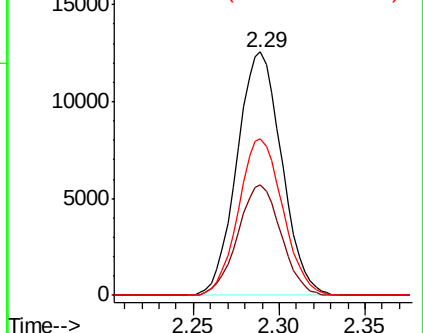
151 63.7 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.260 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

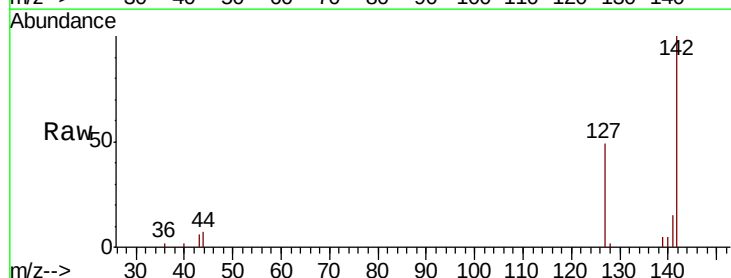
Tgt Ion:142 Resp: 10242

Ion Ratio Lower Upper

142 100

127 47.6 36.7 55.1

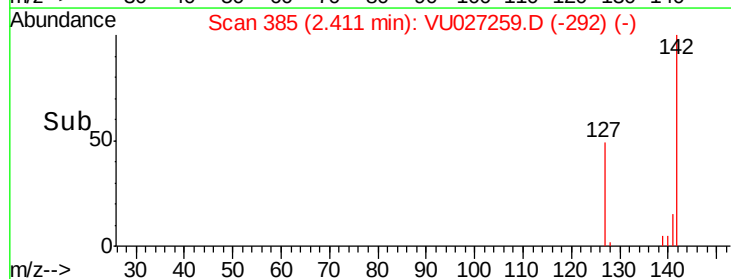
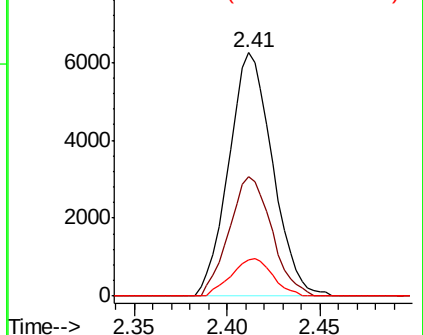
141 14.5 11.8 17.6

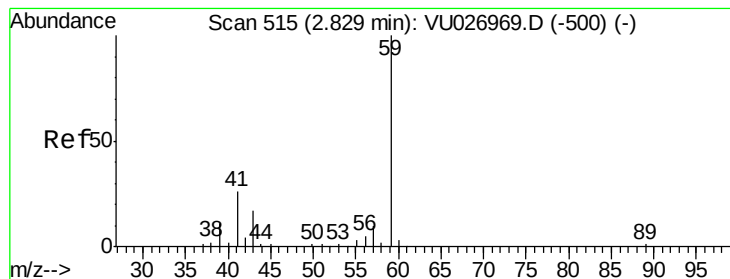


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



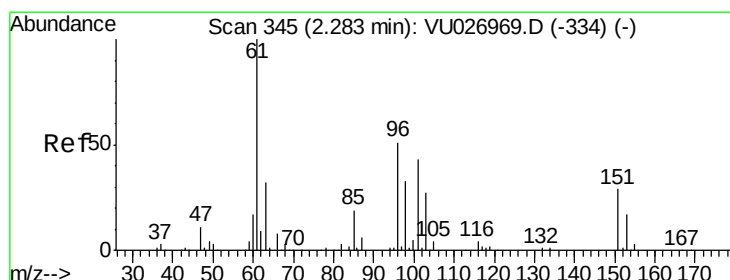
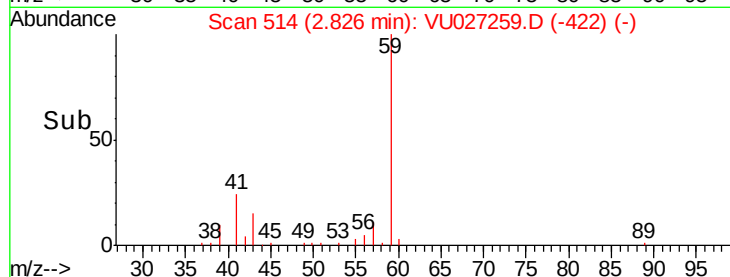
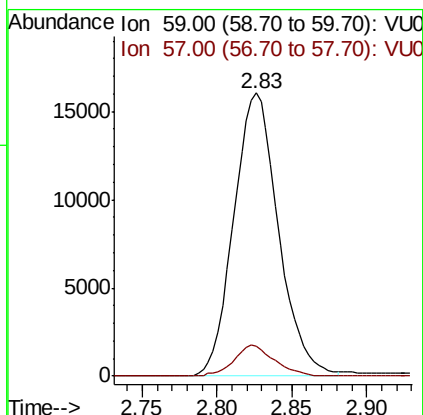
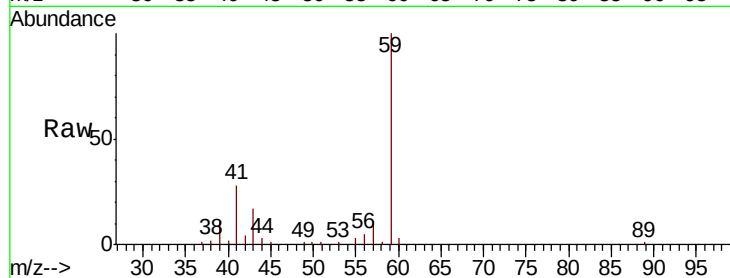


#11

Tert butyl alcohol
 Concen: 93.289 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

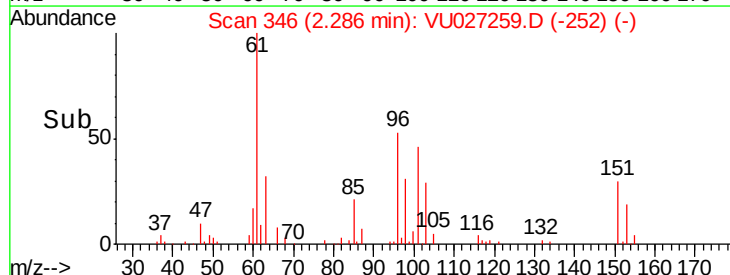
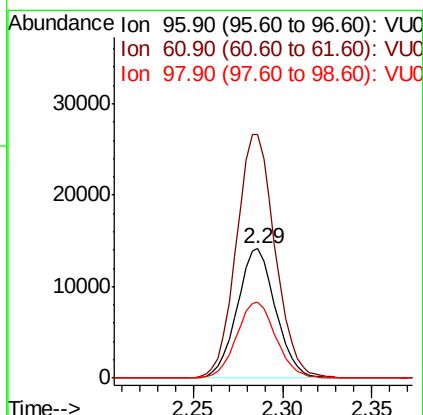
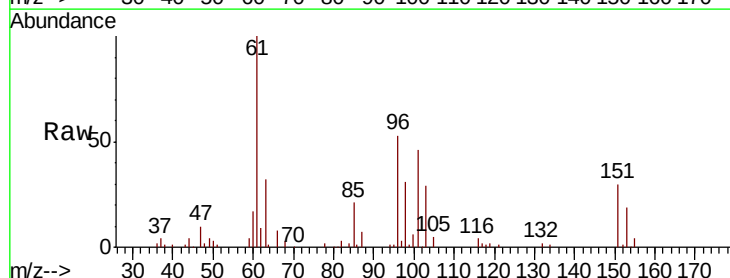
Tot Ion: 59 Resp: 33358
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

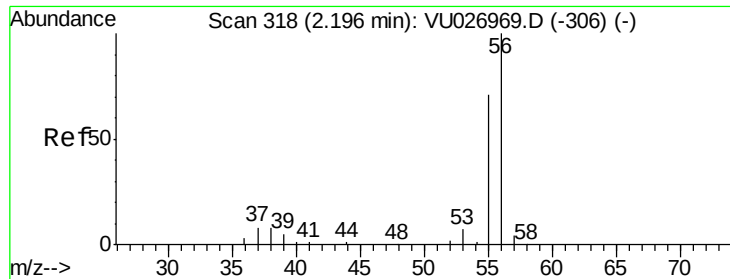


#12

1,1-Dichloroethene
 Concen: 19.915 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 96 Resp: 21320
 Ion Ratio Lower Upper
 96 100
 61 187.5 156.1 234.1
 98 58.4 51.4 77.0





#13

Acrolein

Concen: 58.913 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

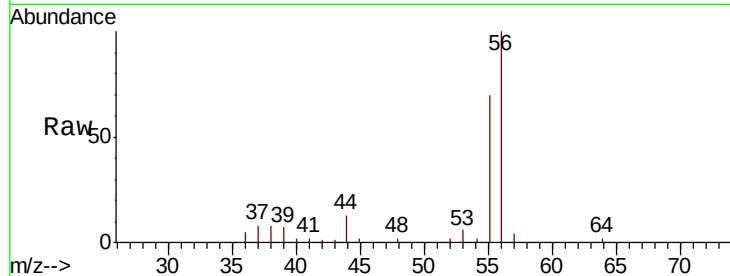
VU0928WBSD02

Tot Ion: 56 Resp: 11356

Ion Ratio Lower Upper

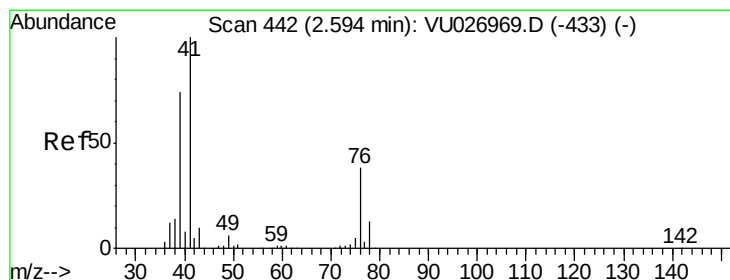
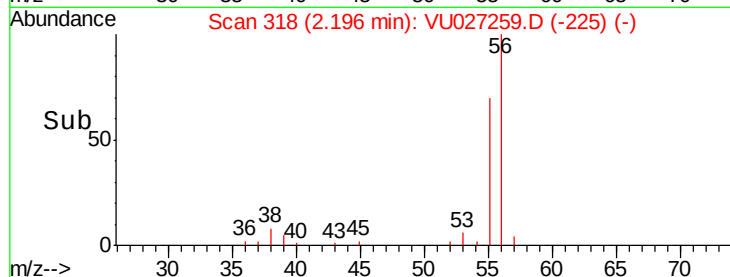
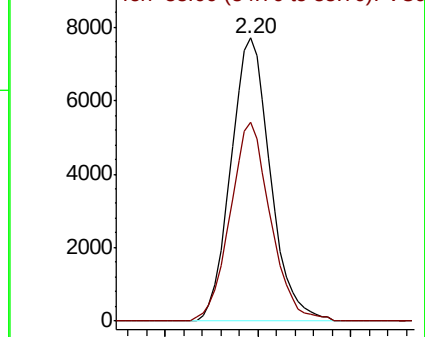
56 100

55 71.8 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 22.469 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

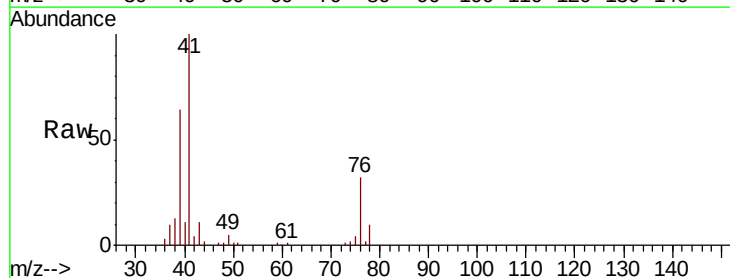
Tgt Ion: 41 Resp: 48787

Ion Ratio Lower Upper

41 100

39 64.5 55.7 83.5

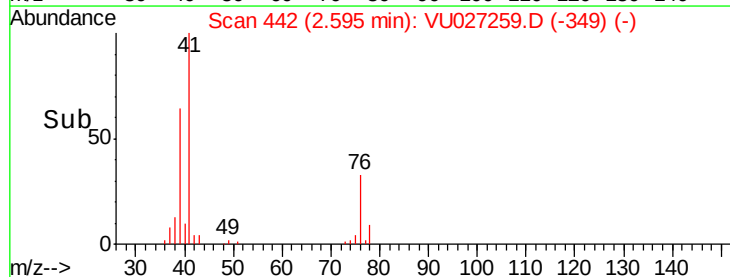
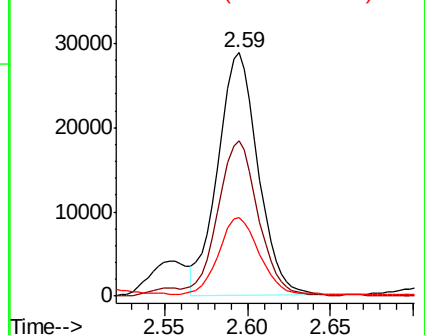
76 32.4 26.5 39.7

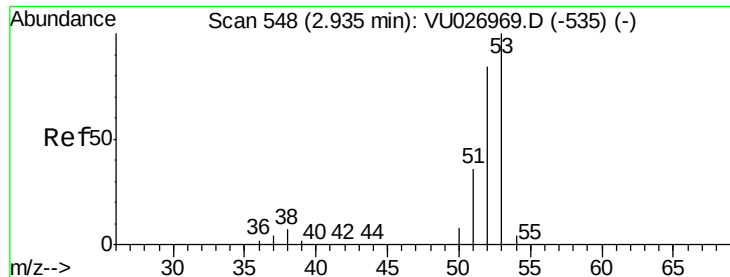


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 108.761 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

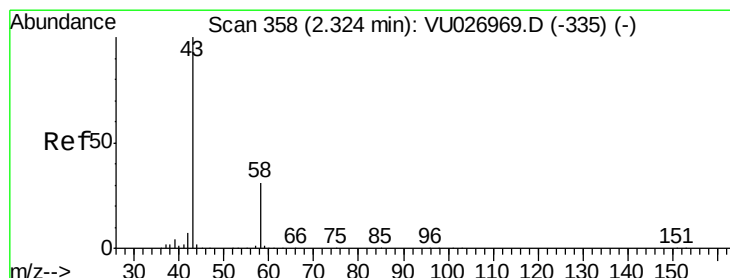
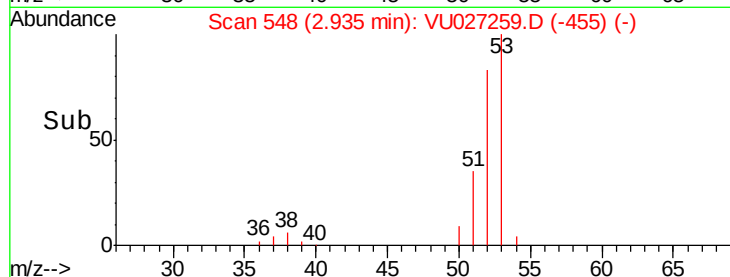
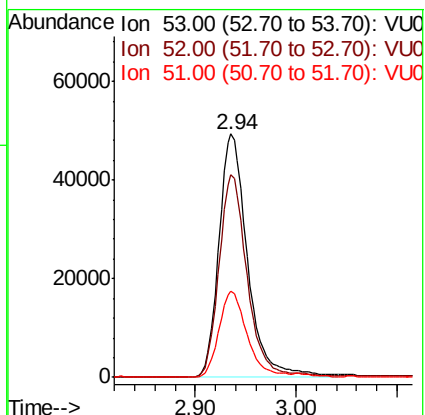
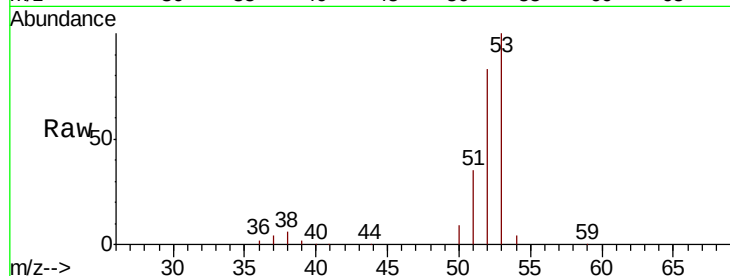
Tot Ion: 53 Resp: 98019

Ion Ratio Lower Upper

53 100

52 81.1 65.7 98.5

51 34.7 27.4 41.2



#16

Acetone

Concen: 108.808 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027259.D

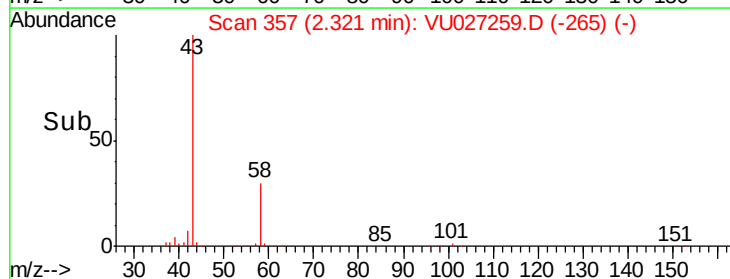
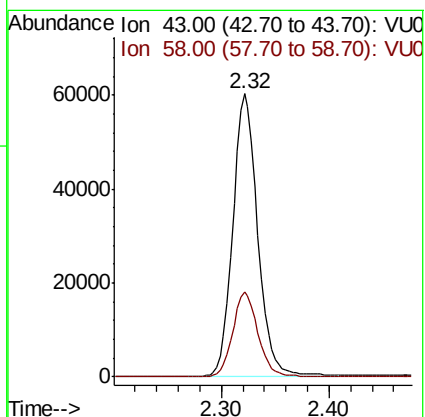
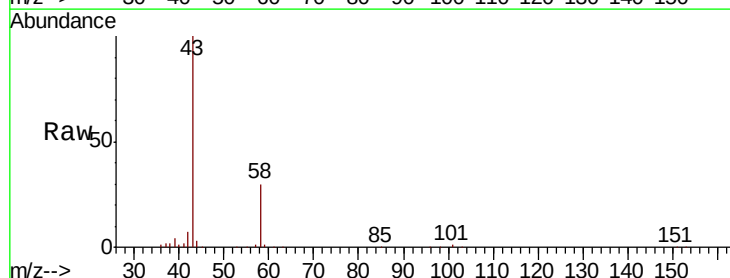
Acq: 28 Sep 2018 10:26

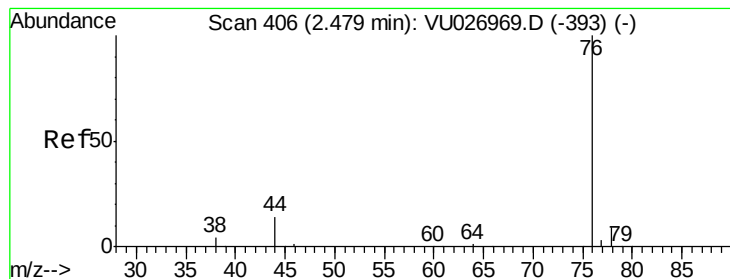
Tgt Ion: 43 Resp: 97932

Ion Ratio Lower Upper

43 100

58 30.1 24.6 36.8





#17

Carbon Disulfide

Concen: 20.060 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

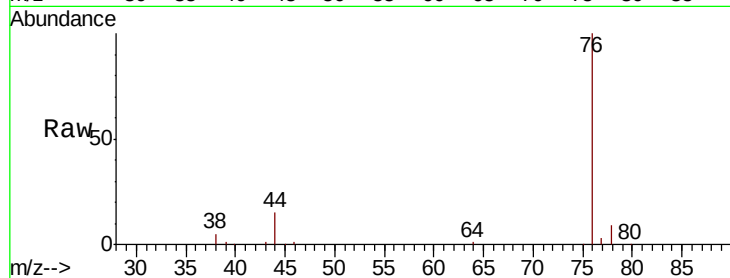
VU0928WBSD02

Tot Ion: 76 Resp: 69959

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7

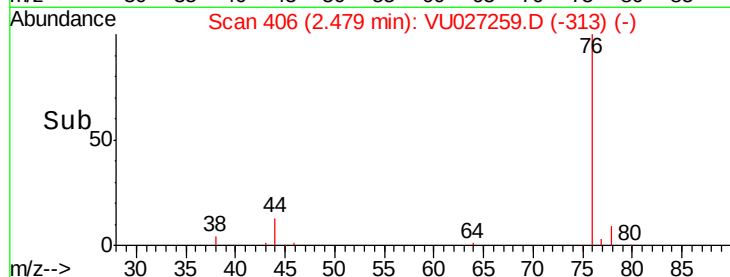


Abundance Ion 75.90 (75.60 to 76.60): VU027259.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027259.D (-313) (-)

2.48

Time-->



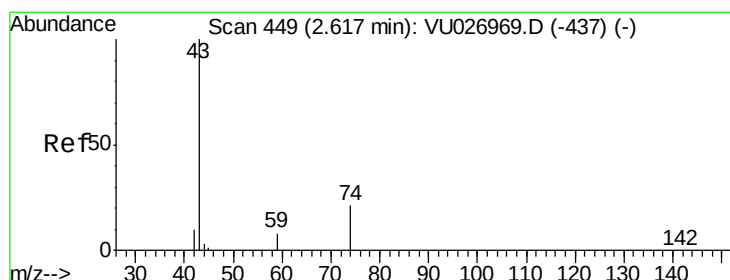
Abundance

Ion 75.90 (75.60 to 76.60): VU027259.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU027259.D (-313) (-)

2.48

Time-->



#18

Methyl Acetate

Concen: 24.002 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU027259.D

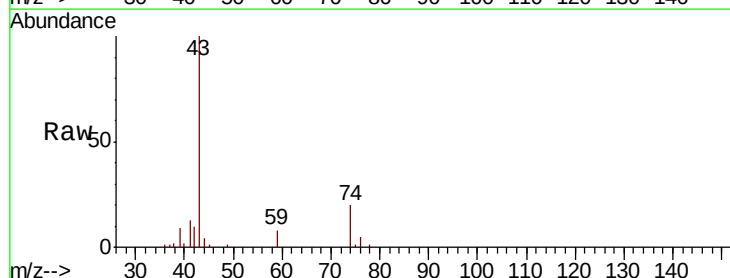
Acq: 28 Sep 2018 10:26

Tgt Ion: 43 Resp: 53296

Ion Ratio Lower Upper

43 100

74 20.1 16.6 25.0

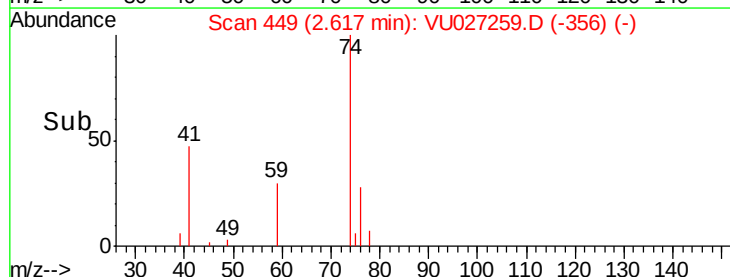


Abundance Ion 43.00 (42.70 to 43.70): VU027259.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027259.D (-356) (-)

2.62

Time-->



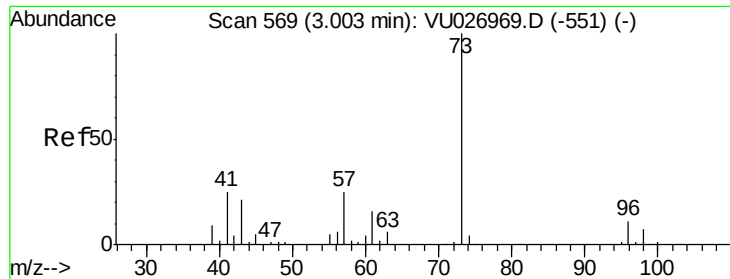
Abundance

Ion 43.00 (42.70 to 43.70): VU027259.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027259.D (-356) (-)

2.62

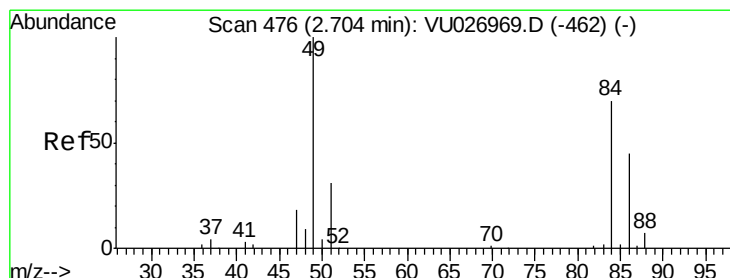
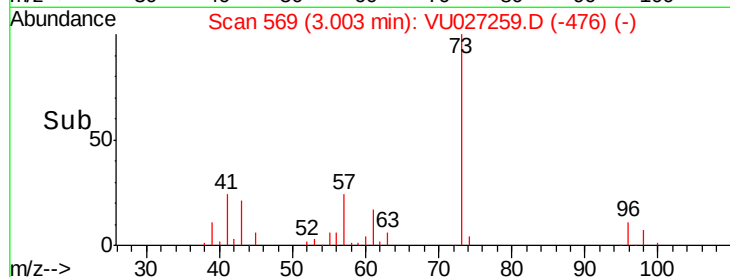
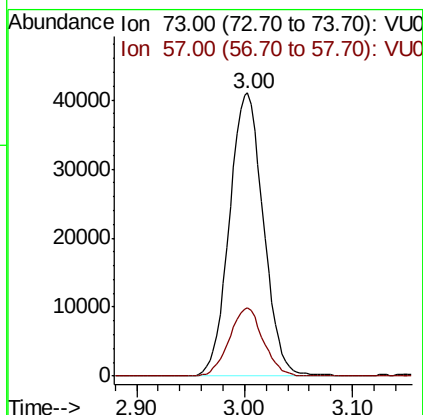
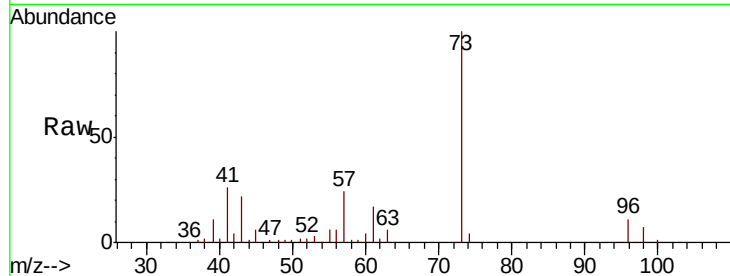
Time-->



#19
Methyl tert-butyl Ether
Concen: 22.821 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

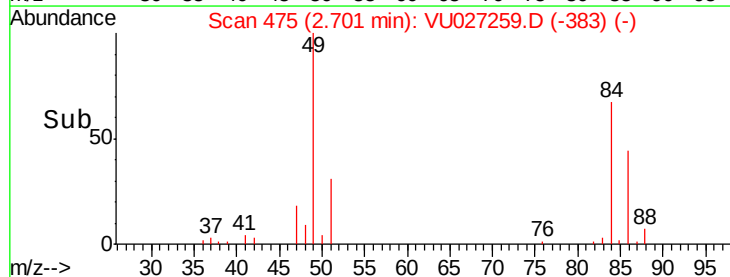
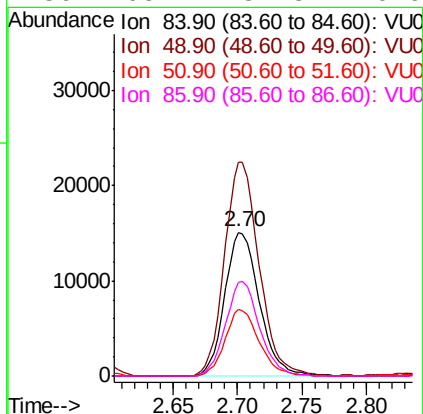
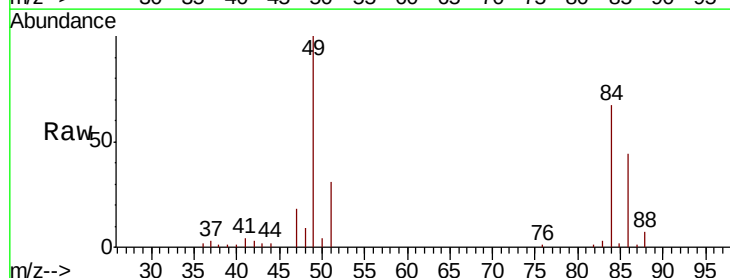
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

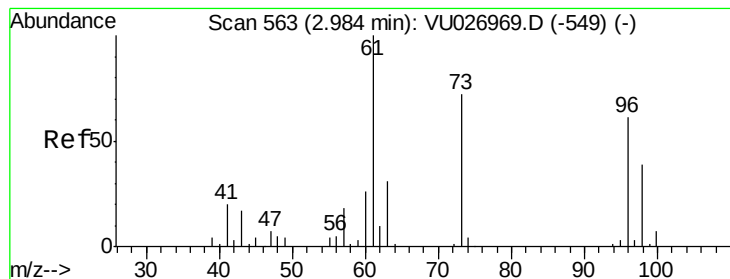
Tot Ion: 73 Resp: 89779
Ion Ratio Lower Upper
73 100
57 24.0 19.8 29.6



#20
Methylene Chloride
Concen: 20.079 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 84 Resp: 28053
Ion Ratio Lower Upper
84 100
49 149.0 114.9 172.3
51 46.2 35.8 53.8
86 65.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.921 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

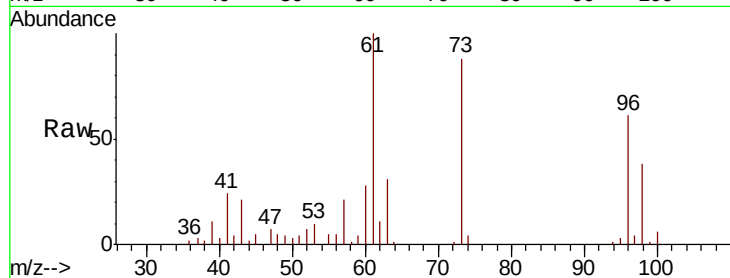
Tot Ion: 96 Resp: 23913

Ion Ratio Lower Upper

96 100

61 164.6 131.8 197.6

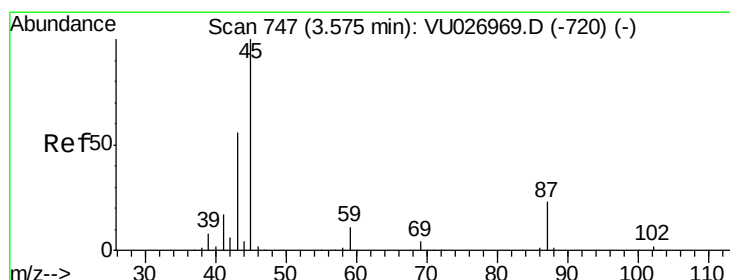
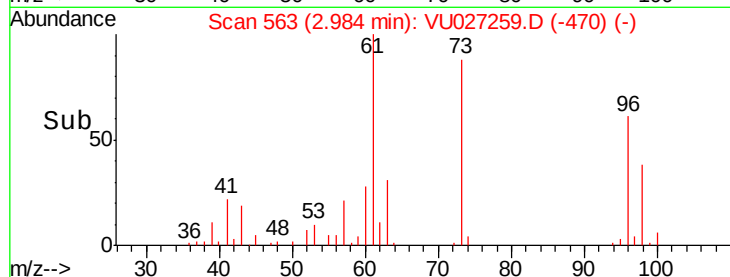
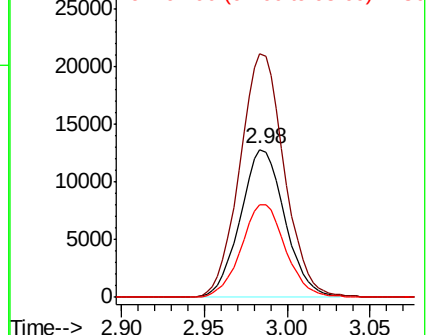
98 62.3 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 23.993 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion: 45 Resp: 111433

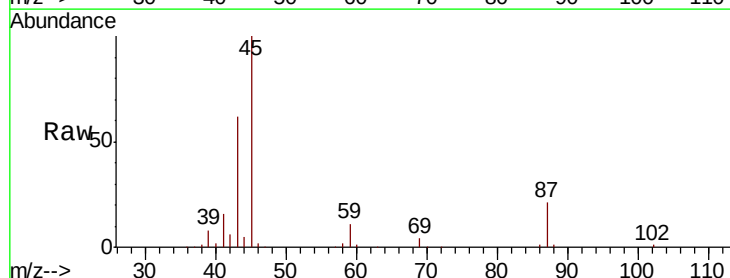
Ion Ratio Lower Upper

45 100

43 58.5 45.8 68.6

87 21.4 18.6 28.0

59 10.8 9.0 13.4

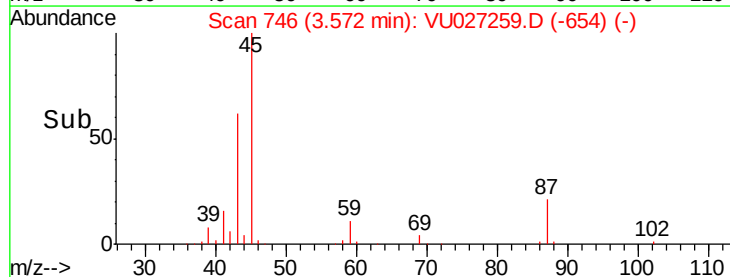
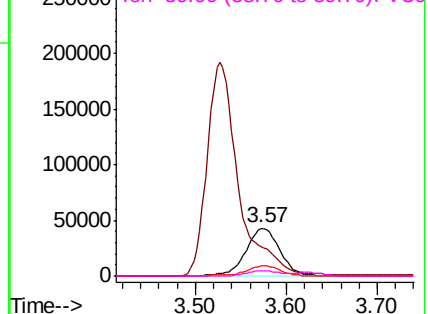


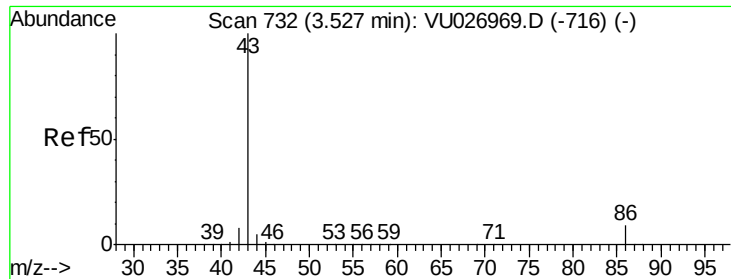
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 117.242 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

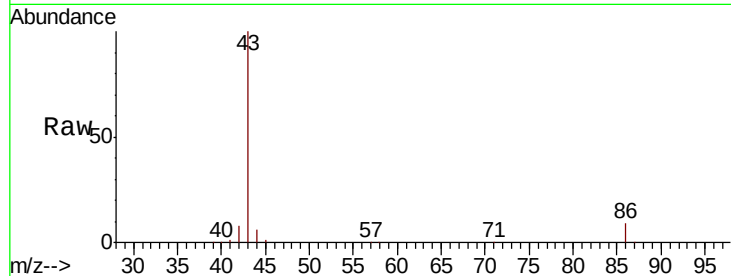
VU0928WBSD02

Tot Ion: 43 Resp: 464149

Ion Ratio Lower Upper

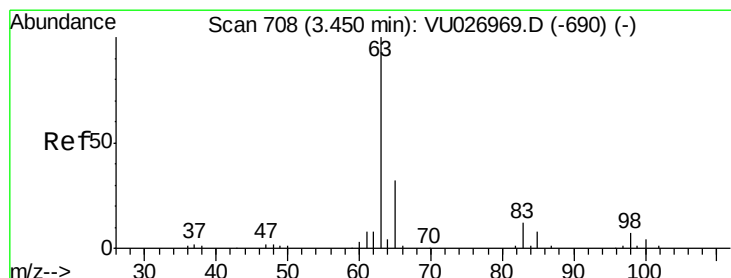
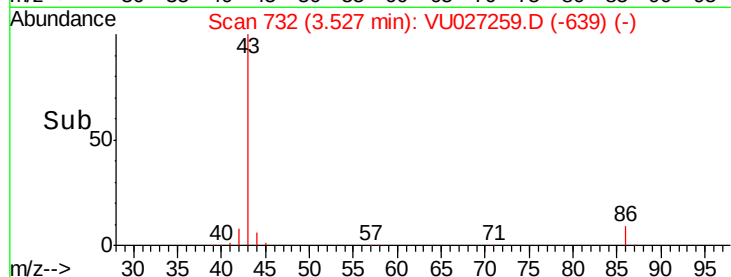
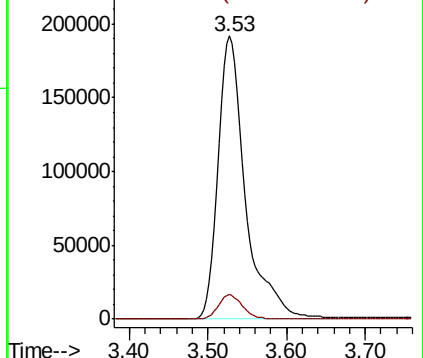
43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 21.265 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

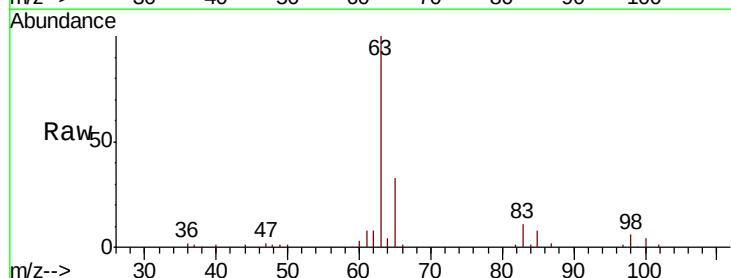
Tgt Ion: 63 Resp: 54395

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

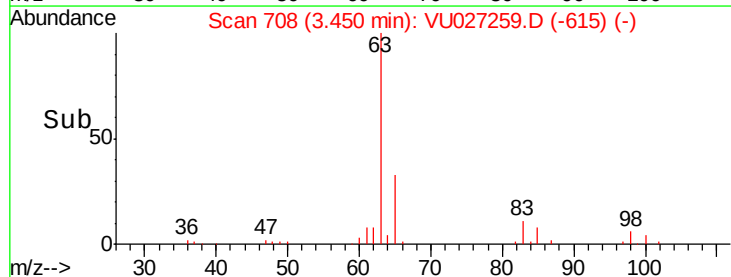
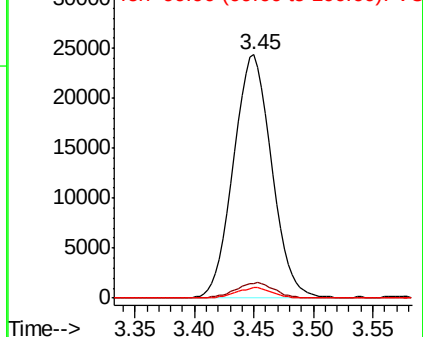
100 4.4 2.0 5.8

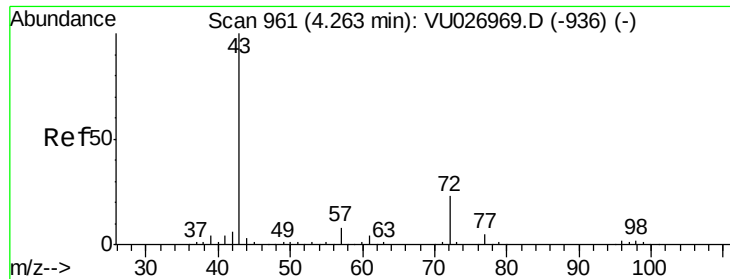


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 110.434 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

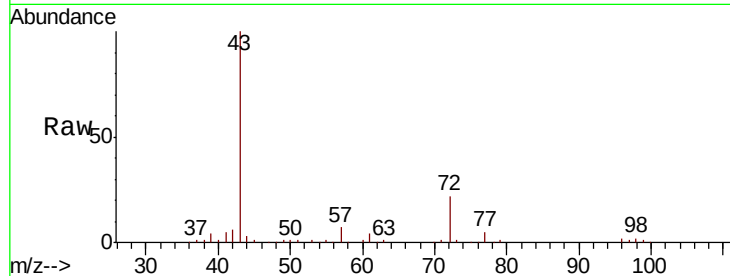
VU0928WBSD02

Tot Ion: 43 Resp: 144785

Ion Ratio Lower Upper

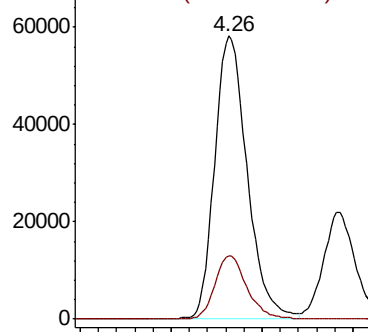
43 100

72 22.4 18.4 27.6

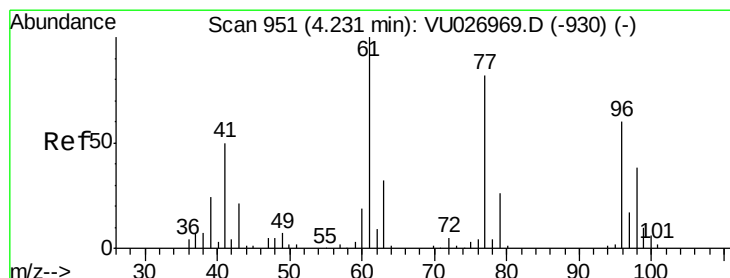
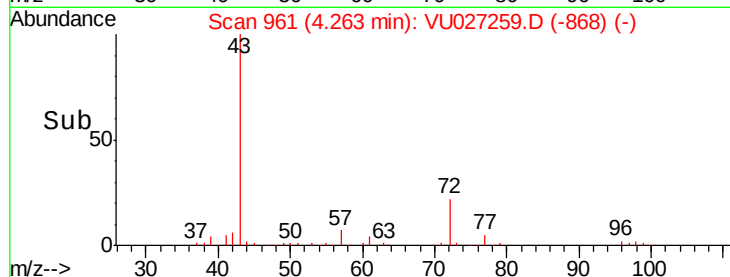


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 20.831 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027259.D

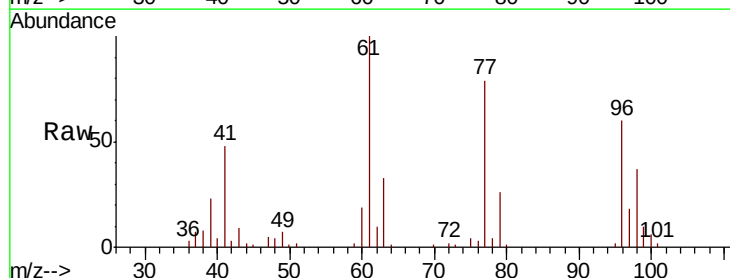
Acq: 28 Sep 2018 10:26

Tgt Ion: 77 Resp: 41554

Ion Ratio Lower Upper

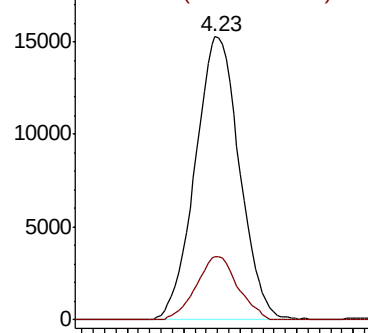
77 100

97 21.2 10.5 31.5

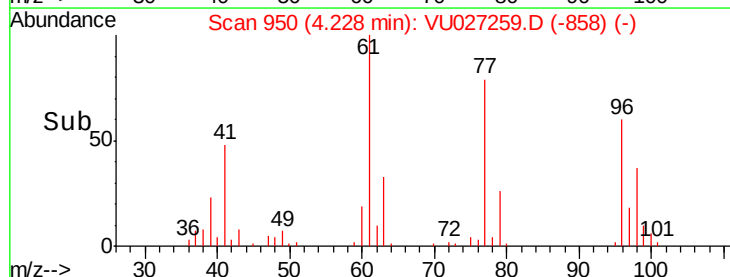


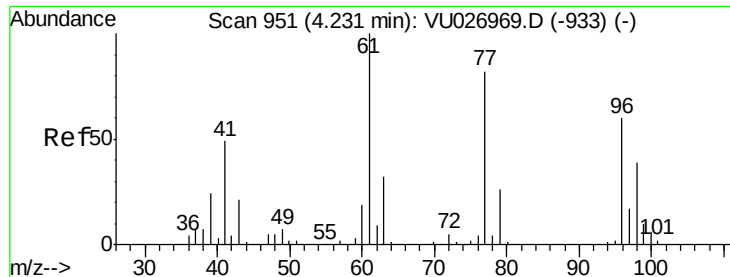
Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



Time--> 4.15 4.20 4.25 4.30



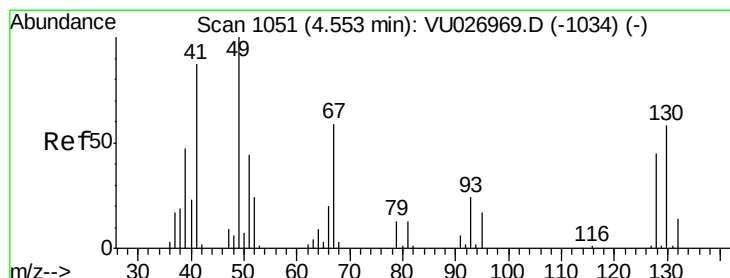
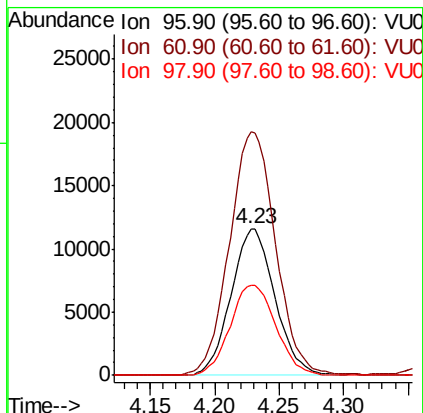
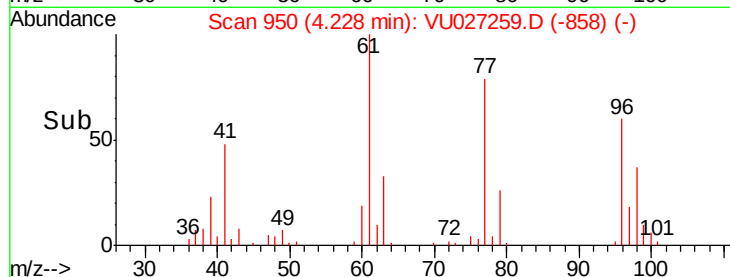
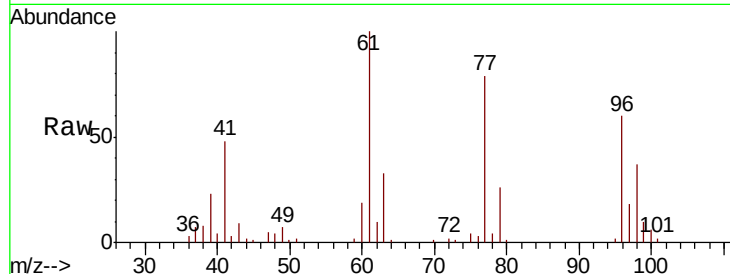


#27

cis-1,2-Dichloroethene
Concen: 21.198 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

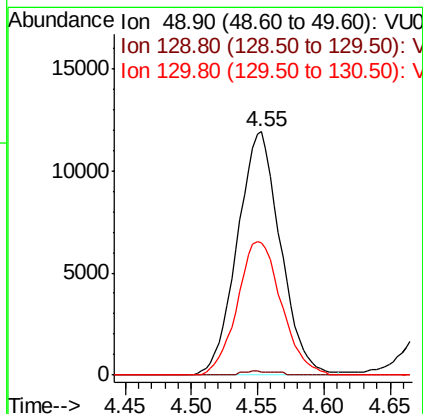
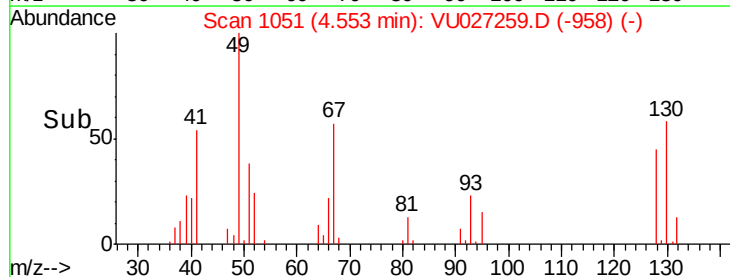
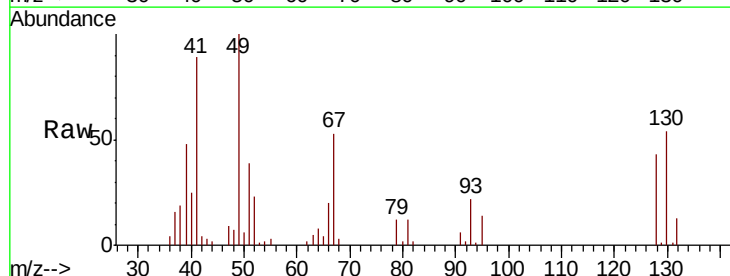
Tot Ion: 96 Resp: 27363
Ion Ratio Lower Upper
96 100
61 174.5 0.0 337.2
98 64.1 0.0 127.6

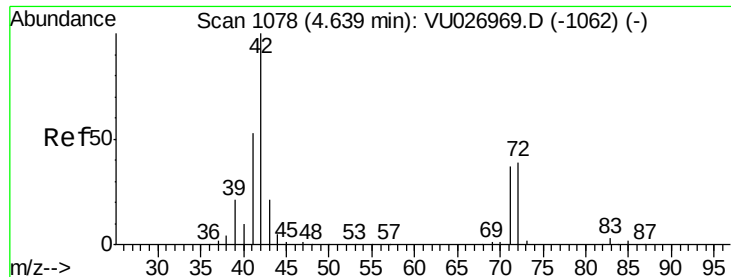


#28

Bromochloromethane
Concen: 21.912 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 49 Resp: 27018
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.0
130 56.2 47.8 71.8

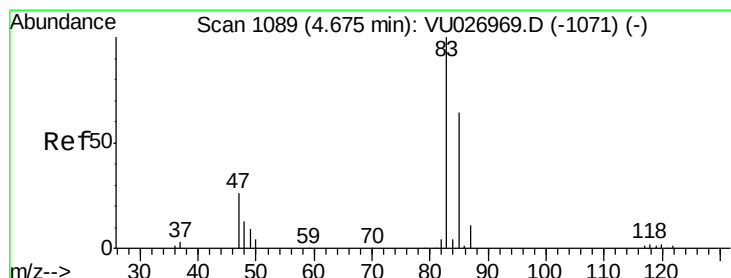
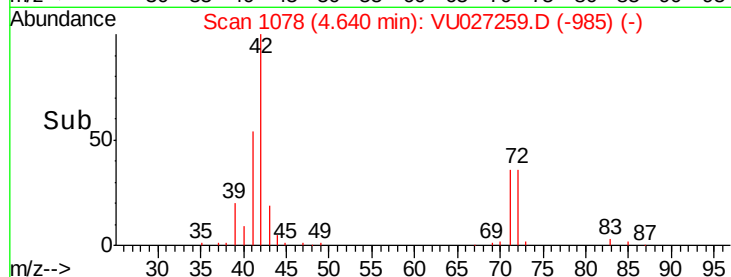
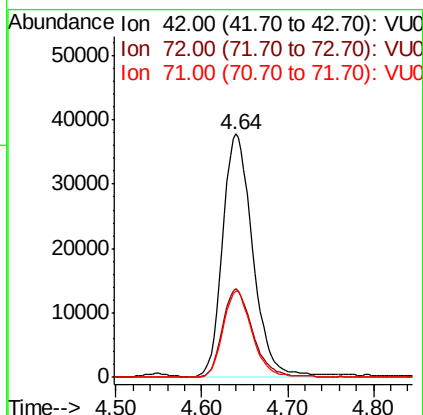
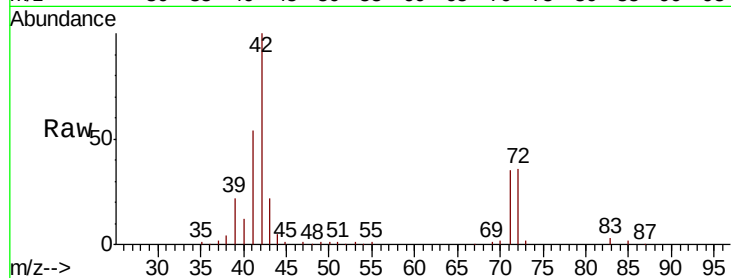




#29
Tetrahydrofuran
Concen: 117.122 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

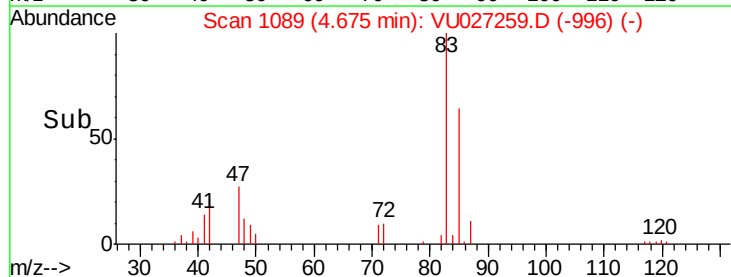
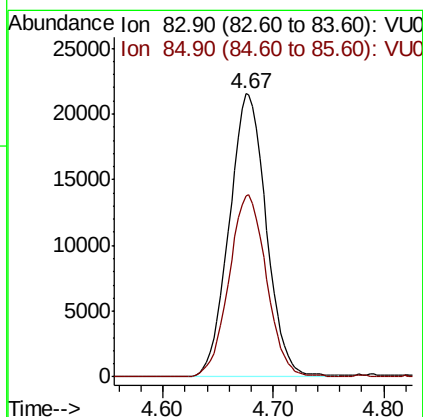
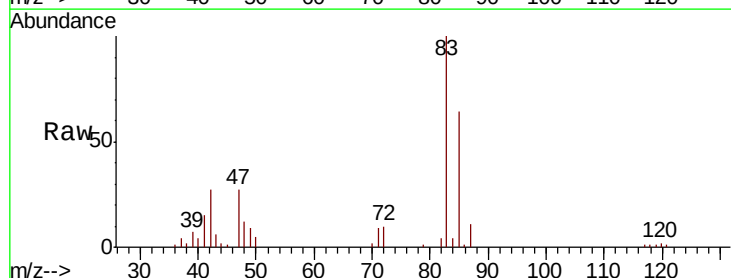
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

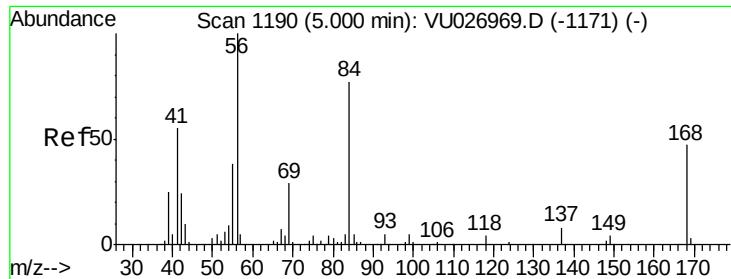
Tot Ion: 42 Resp: 92889
Ion Ratio Lower Upper
42 100
72 36.3 31.7 47.5
71 34.1 29.6 44.4



#30
Chloroform
Concen: 21.135 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 83 Resp: 50181
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3

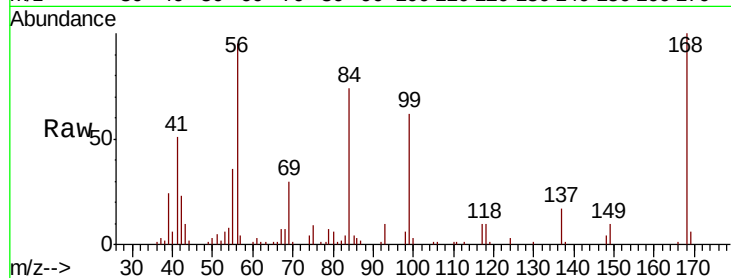




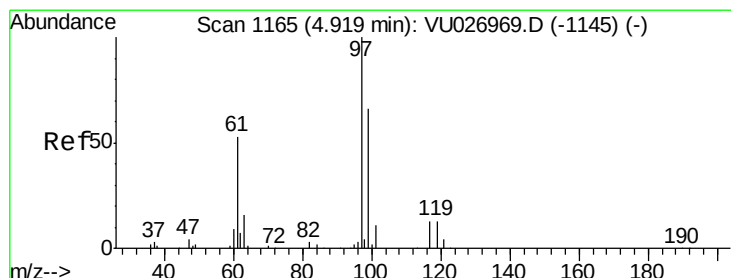
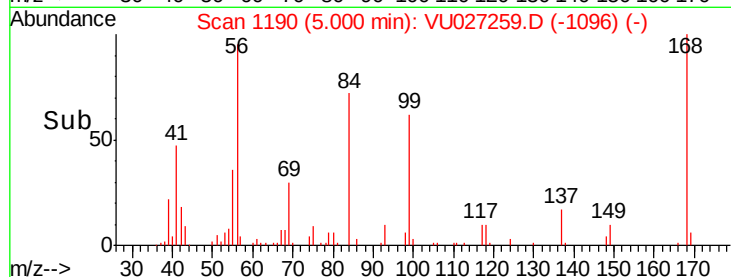
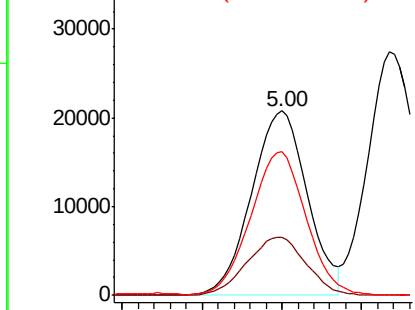
#31
Cyclohexane
Concen: 21.250 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion: 56 Resp: 50179
Ion Ratio Lower Upper
56 100
69 31.2 23.0 34.4
84 77.6 61.4 92.2

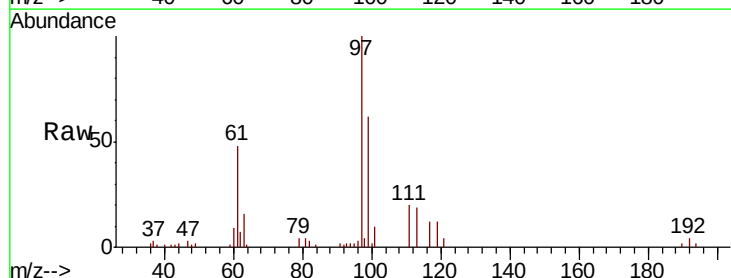


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

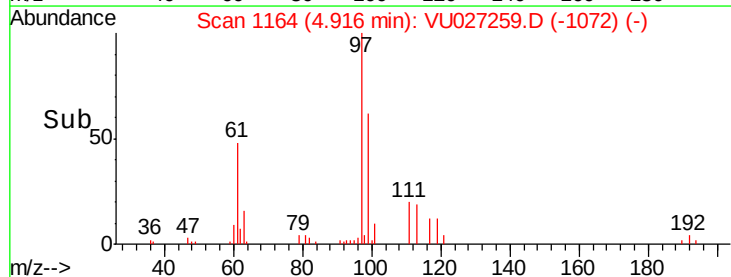
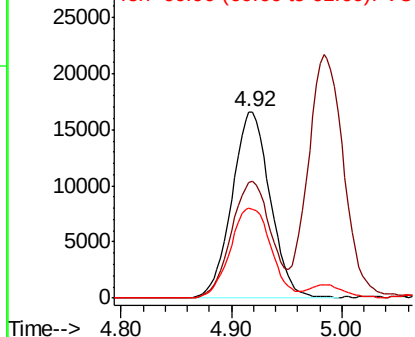


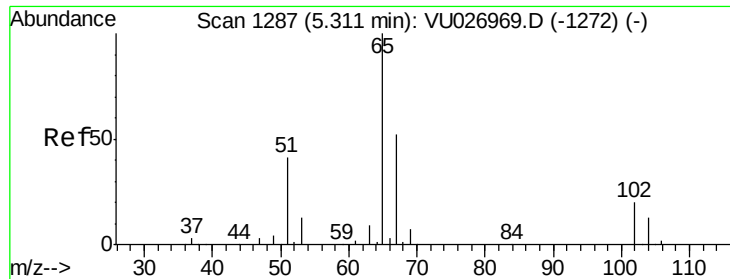
#32
1,1,1-Trichloroethane
Concen: 20.999 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 97 Resp: 39808
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 51.5 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

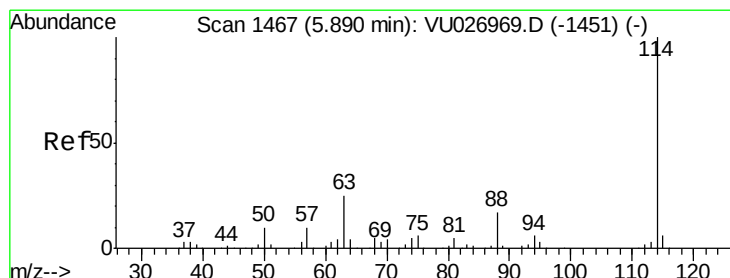
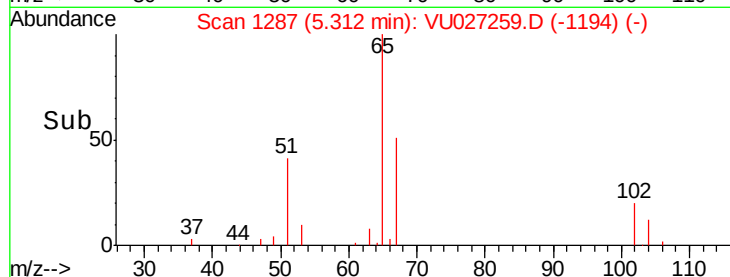
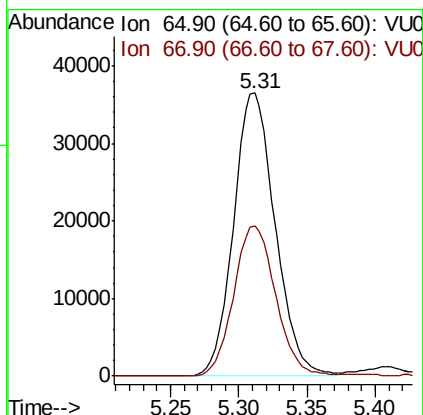
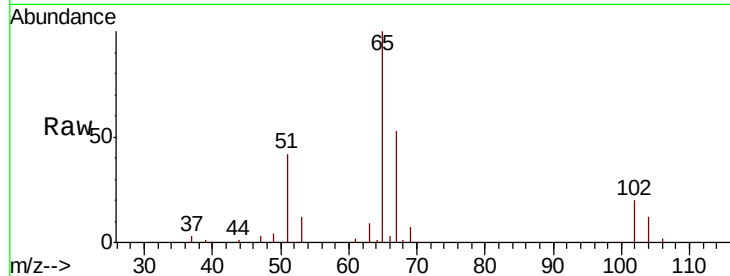




#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

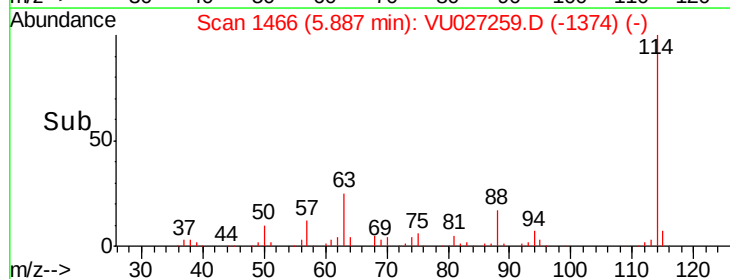
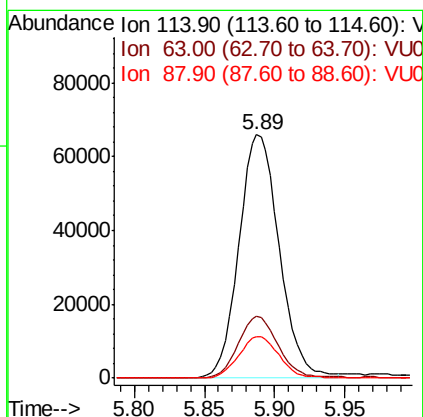
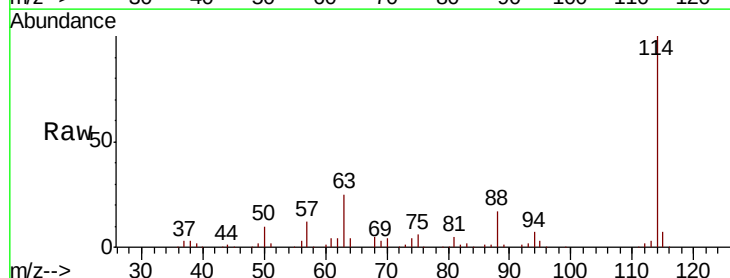
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

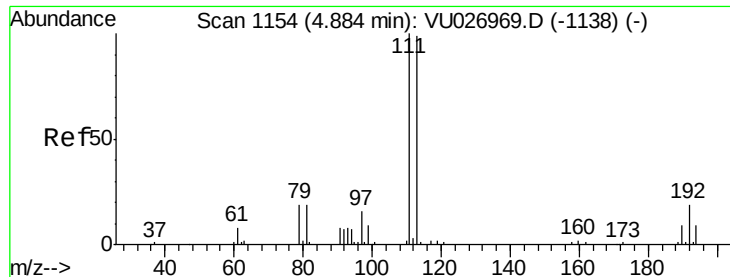
Tot Ion: 65 Resp: 77279
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 114 Resp: 132177
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.2 0.0 33.8

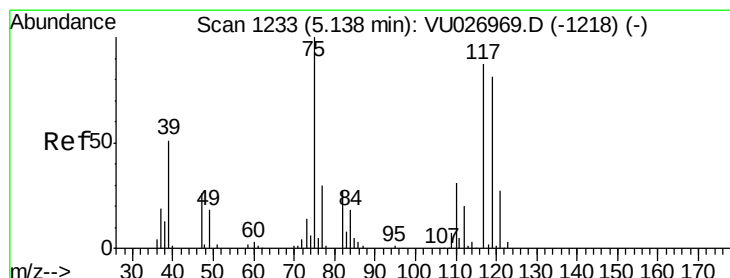
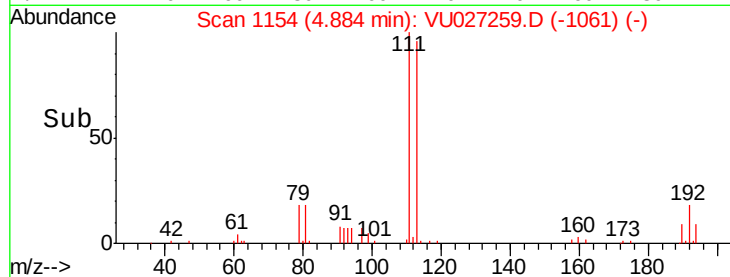
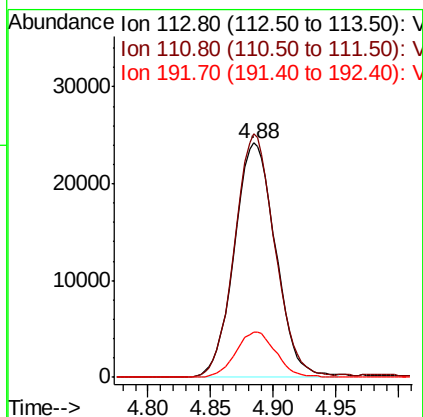
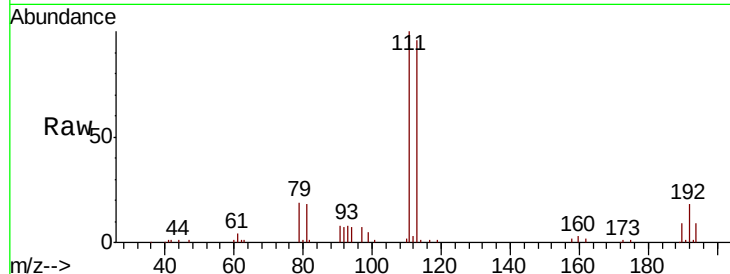




#35
 Dibromofluoromethane
 Concen: 48.414 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

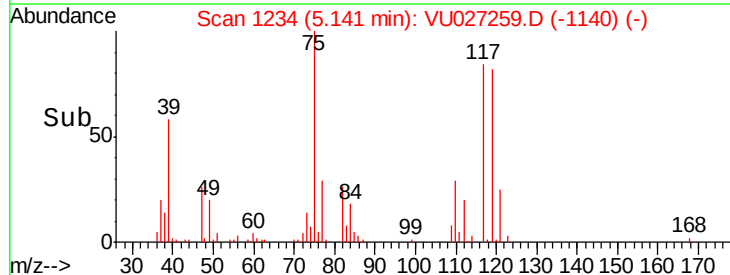
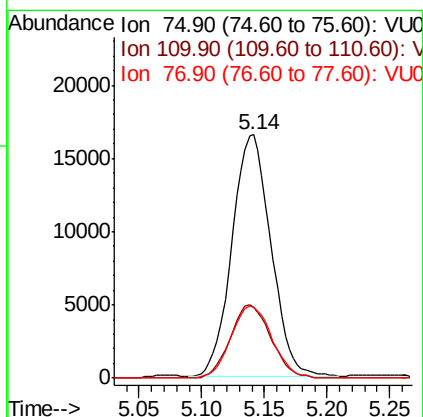
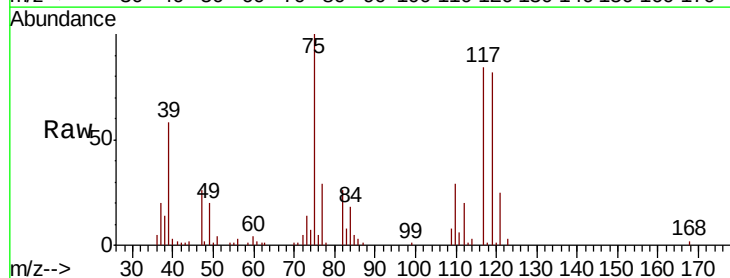
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

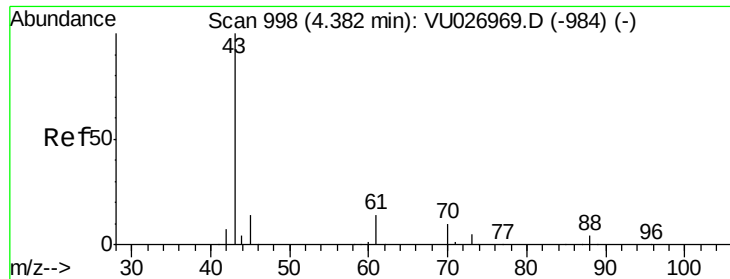
Tot Ion:113 Resp: 55468
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.4
 192 18.8 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 20.219 ug/l
 RT: 5.14 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 75 Resp: 35667
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.1 48.2
 77 31.4 24.6 36.8

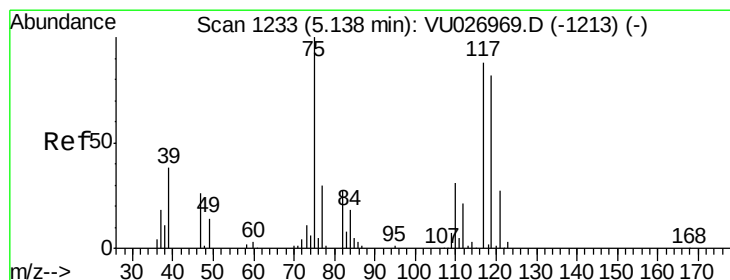
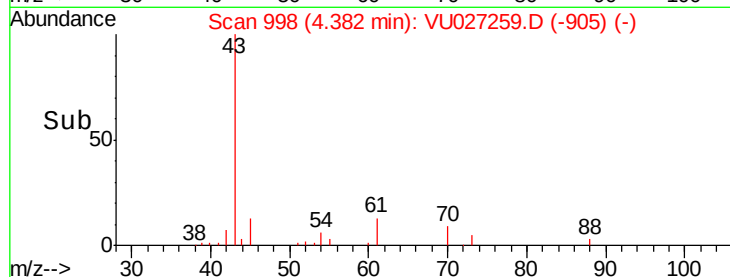
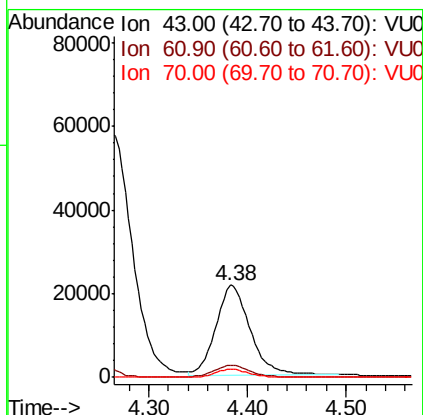
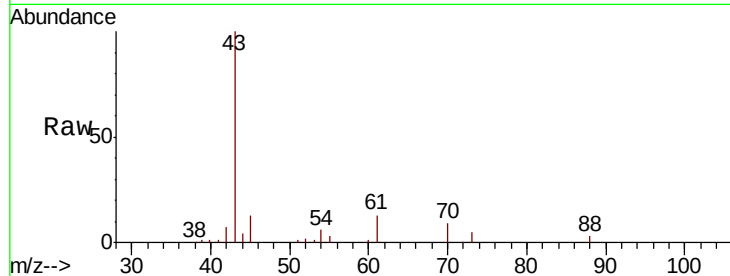




#37
Ethyl Acetate
Concen: 22.231 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

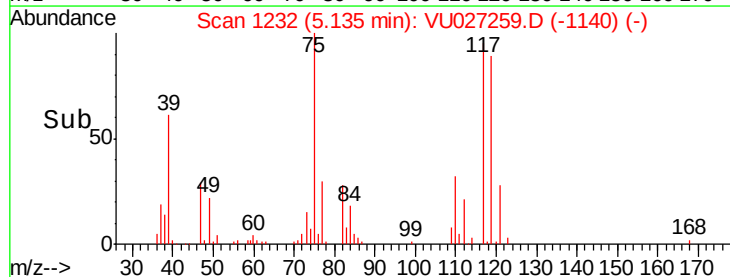
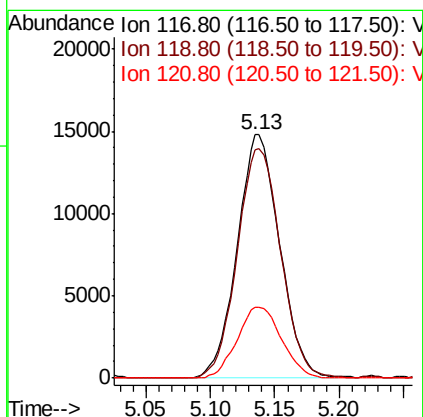
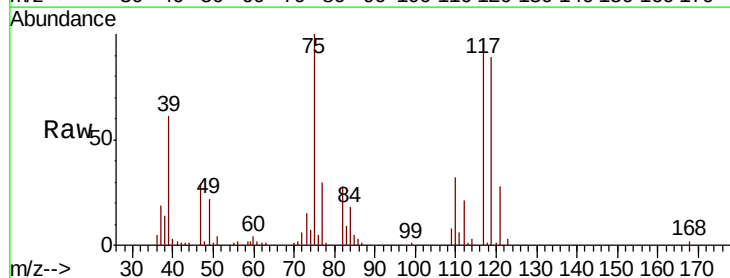
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

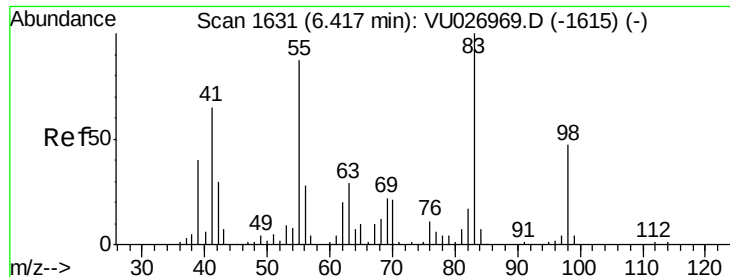
Tot Ion: 43 Resp: 53089
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 8.6 7.4 11.0



#38
Carbon Tetrachloride
Concen: 20.203 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 117 Resp: 33915
Ion Ratio Lower Upper
117 100
119 93.5 74.4 111.6
121 29.3 24.2 36.4

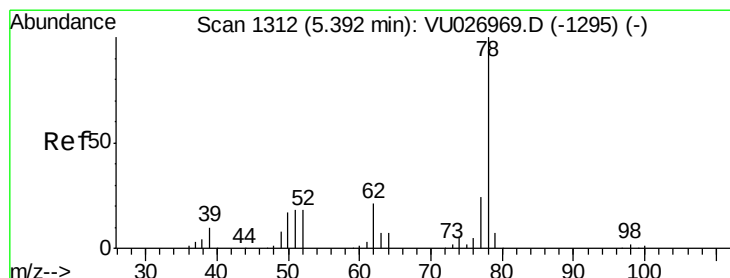
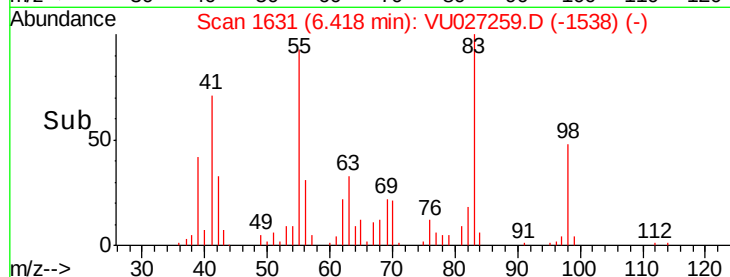
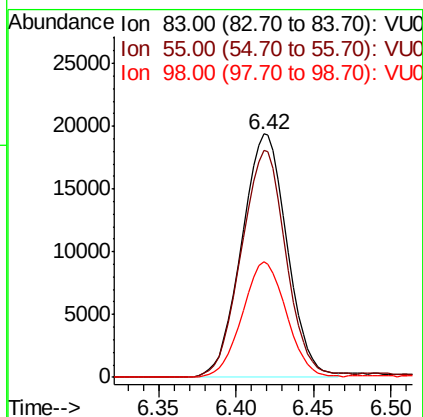
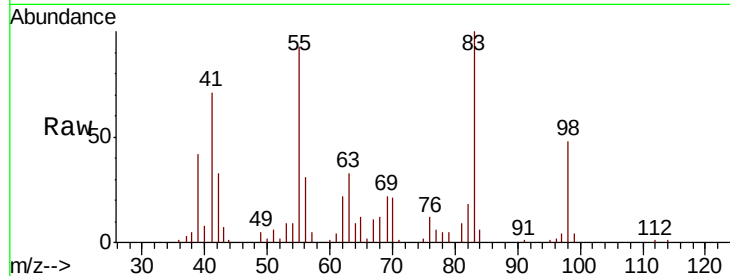




#39
Methylvlcyclohexane
Concen: 20.666 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

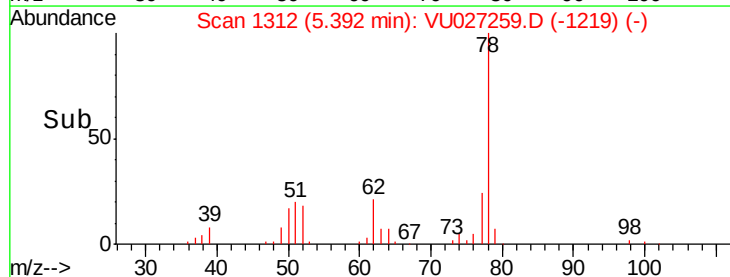
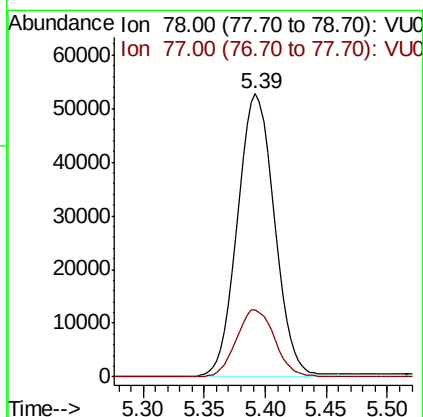
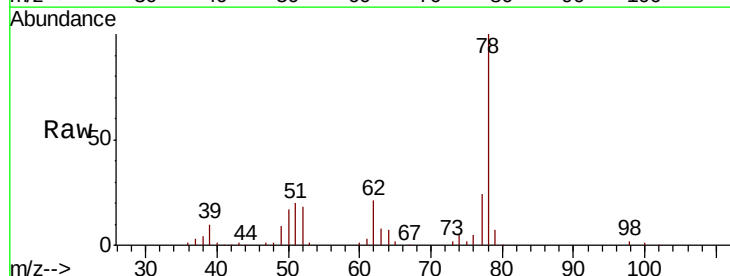
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

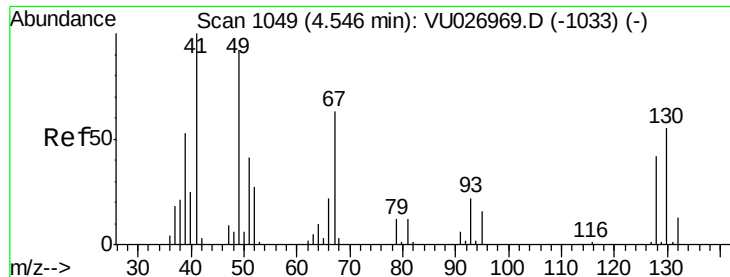
Tot Ion: 83 Resp: 39618
Ion Ratio Lower Upper
83 100
55 93.3 69.9 104.9
98 47.5 37.5 56.3



#40
Benzene
Concen: 20.762 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 78 Resp: 111342
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

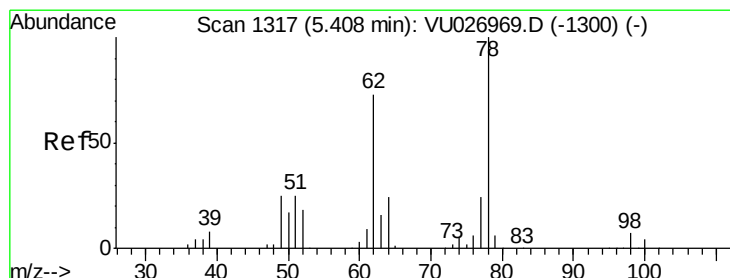
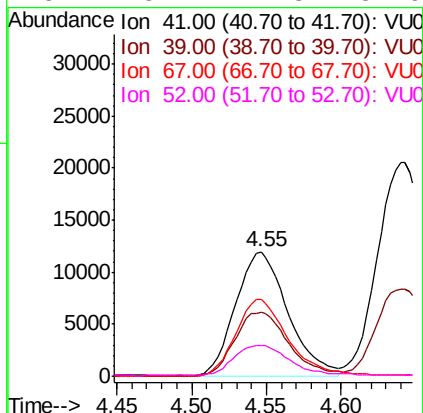
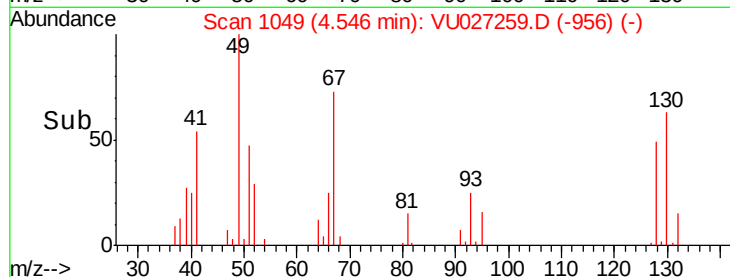
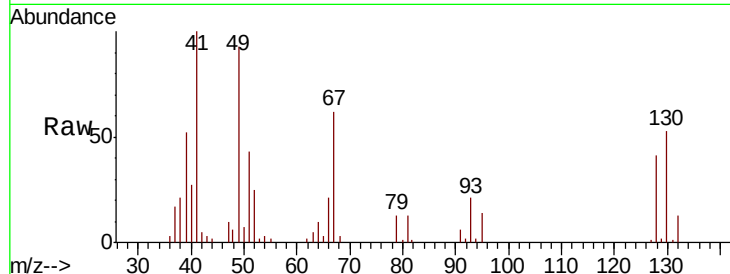




#41
Methacrylonitrile
Concen: 23.455 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

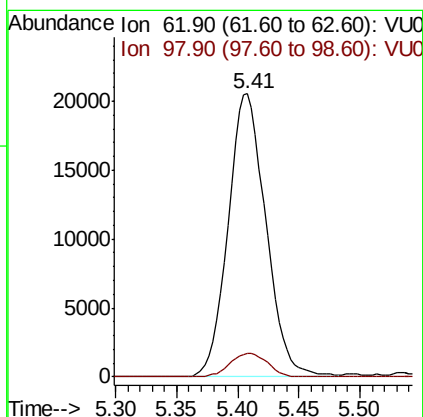
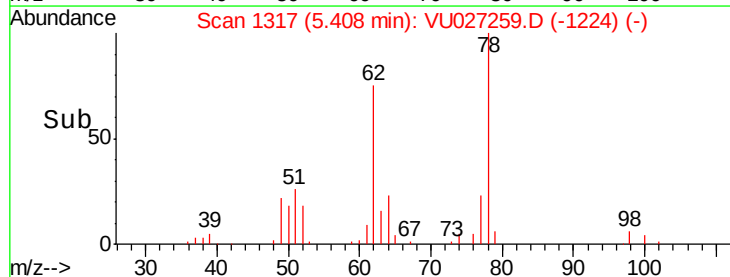
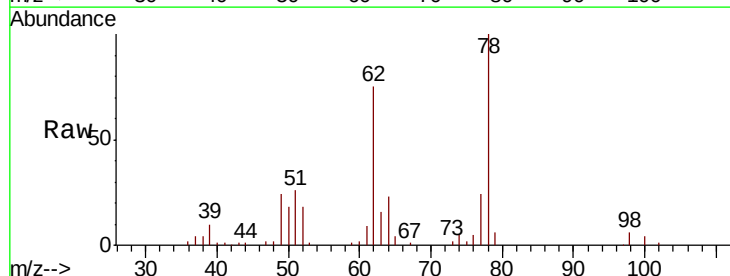
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

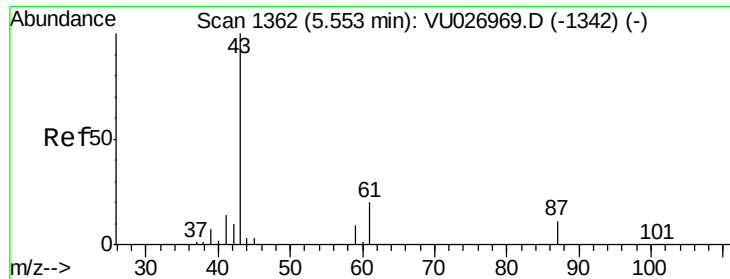
Tot Ion:	41	Resp:	29090
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.9	64.3
67	62.4	52.4	78.6
52	25.7	21.3	31.9



#42
1,2-Dichloroethane
Concen: 21.865 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:	62	Resp:	44300
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 23.117 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

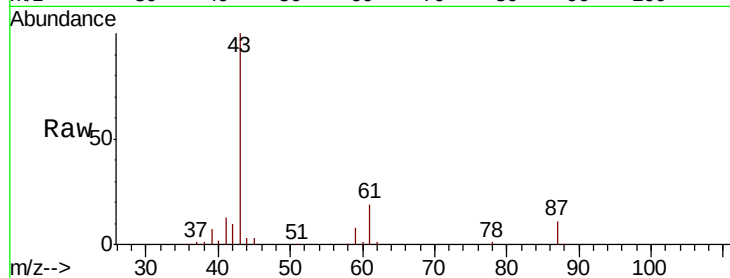
Tot Ion: 43 Resp: 80509

Ion Ratio Lower Upper

43 100

61 18.5 15.7 23.5

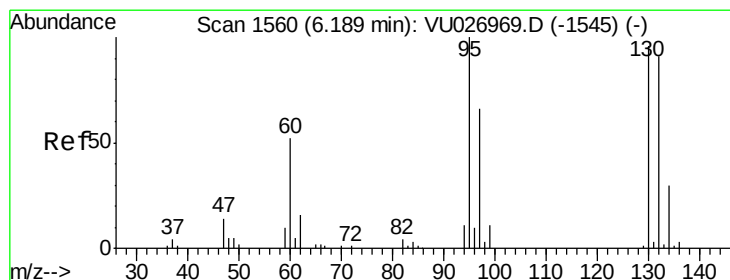
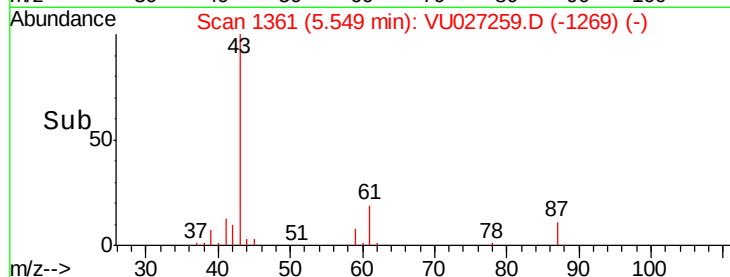
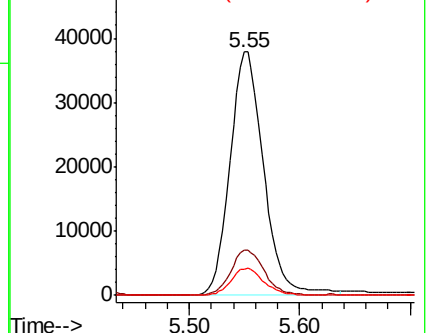
87 10.7 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 20.861 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027259.D

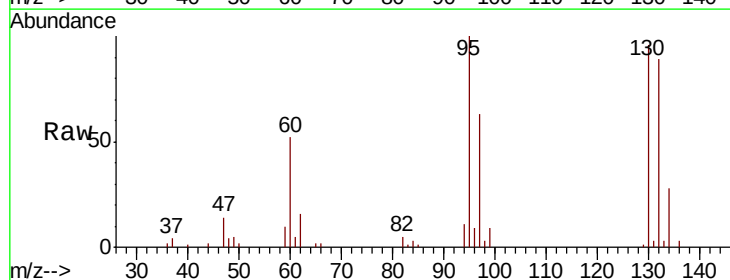
Acq: 28 Sep 2018 10:26

Tgt Ion:130 Resp: 23816

Ion Ratio Lower Upper

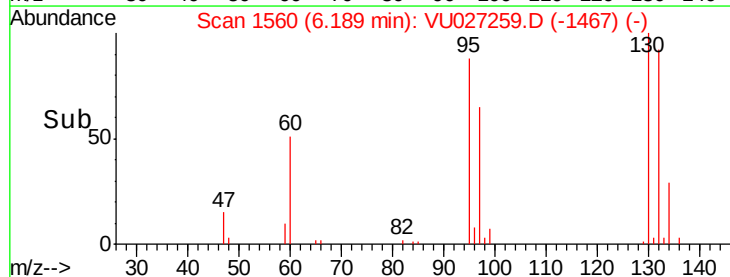
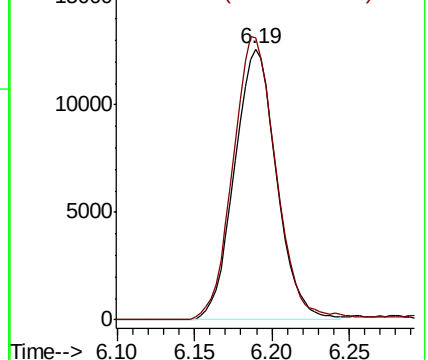
130 100

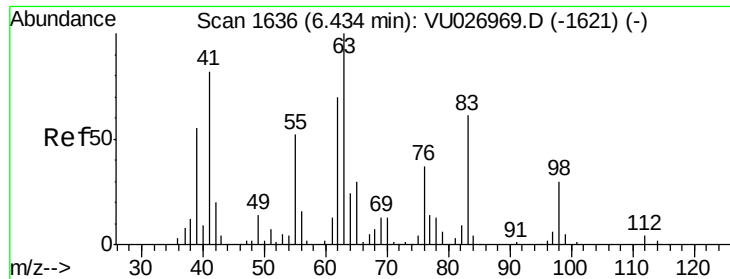
95 104.2 0.0 208.8



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

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

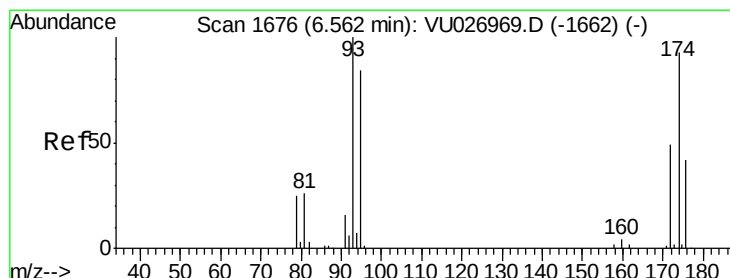
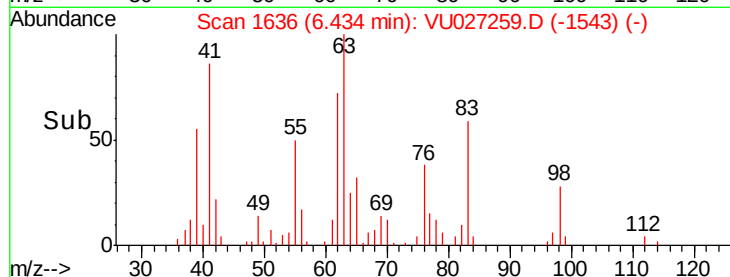
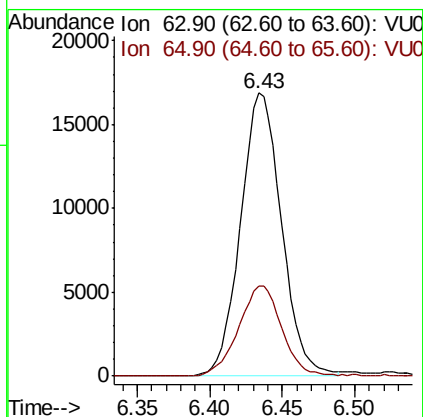
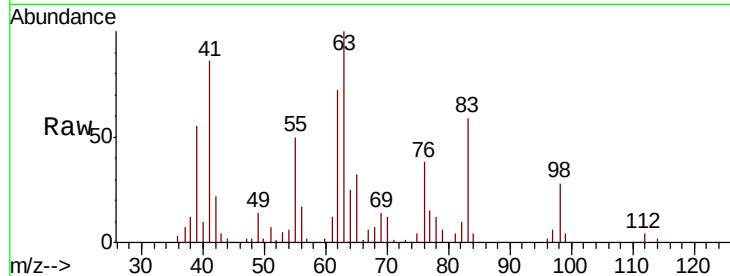




#45
 1,2-Dichloropropane
 Concen: 21.748 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

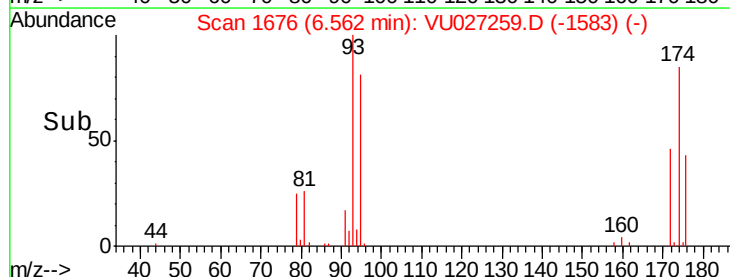
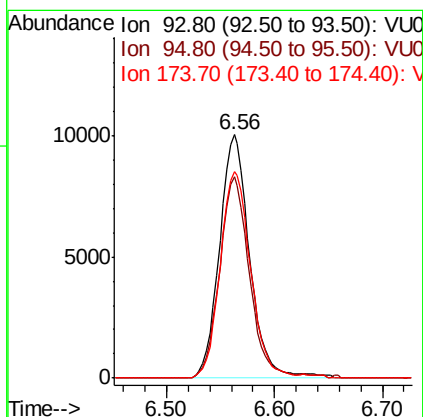
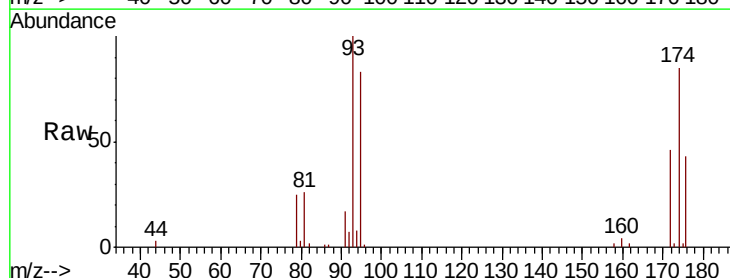
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

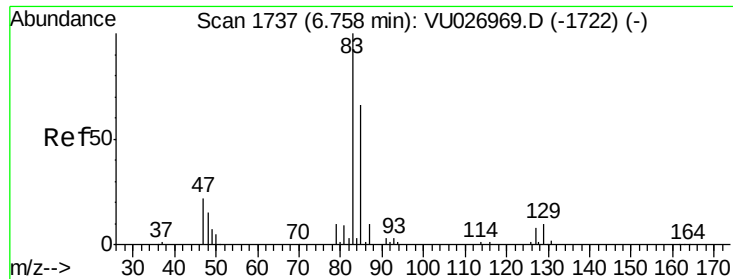
Tot Ion: 63 Resp: 33232
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.3 36.5



#46
 Dibromomethane
 Concen: 21.137 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 93 Resp: 19506
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.2 99.4
 174 85.7 71.7 107.5

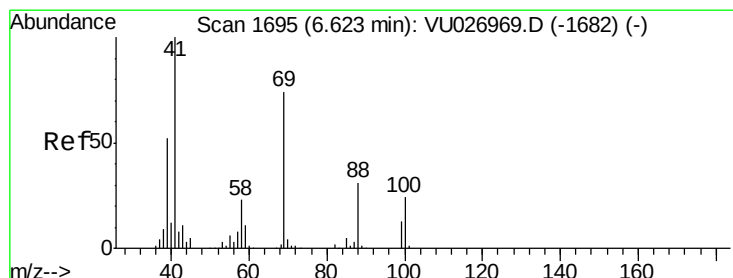
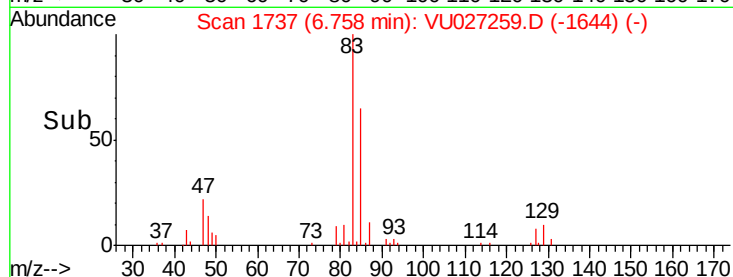
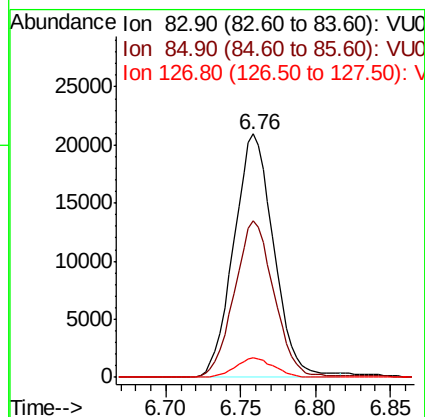
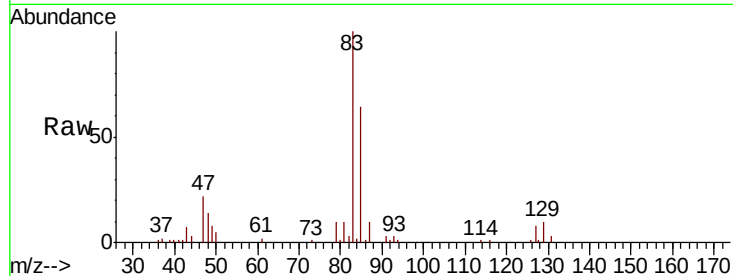




#47
Bromodichloromethane
Concen: 20.883 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

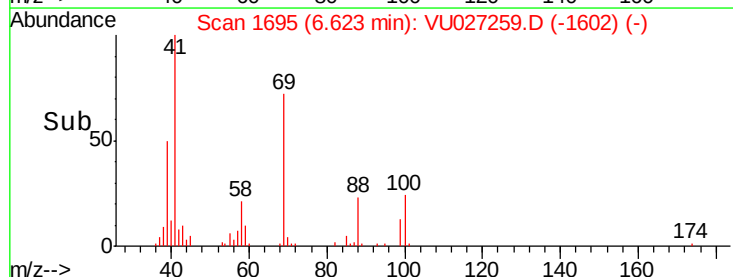
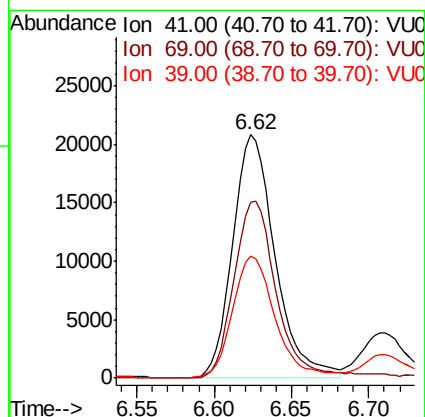
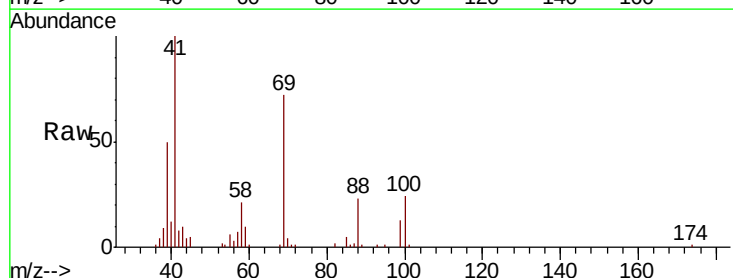
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

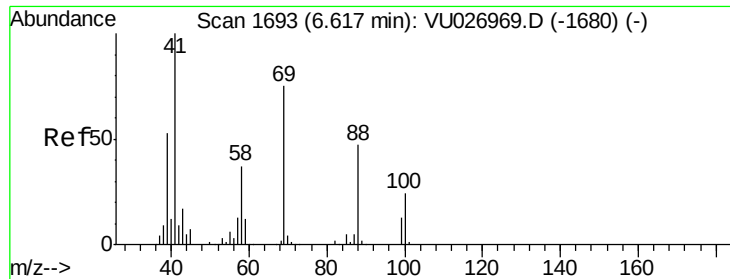
Tot Ion: 83 Resp: 38968
Ion Ratio Lower Upper
83 100
85 64.2 52.5 78.7
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 21.590 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 41 Resp: 39812
Ion Ratio Lower Upper
41 100
69 72.5 60.6 90.8
39 49.9 42.8 64.2

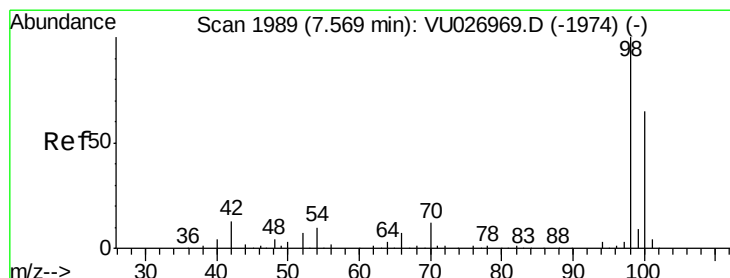
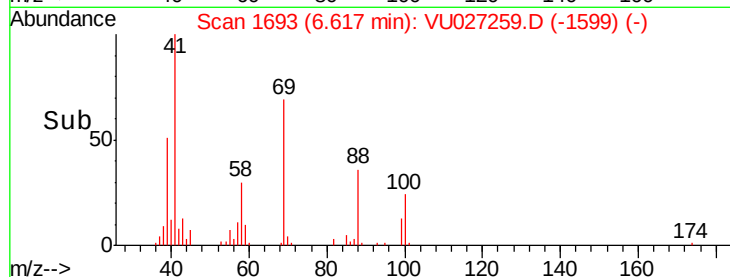
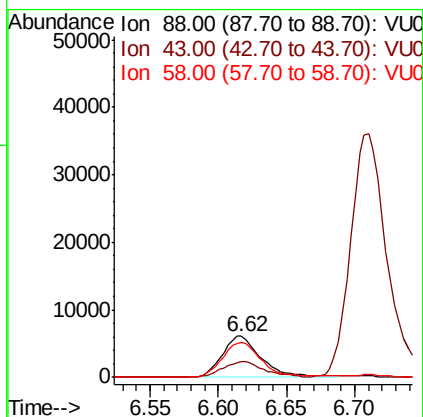
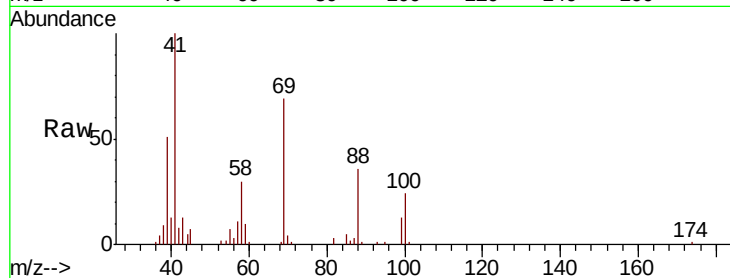




#49
1,4-Dioxane
Concen: 323.974 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

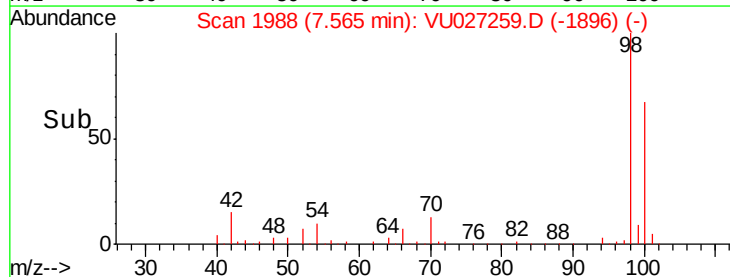
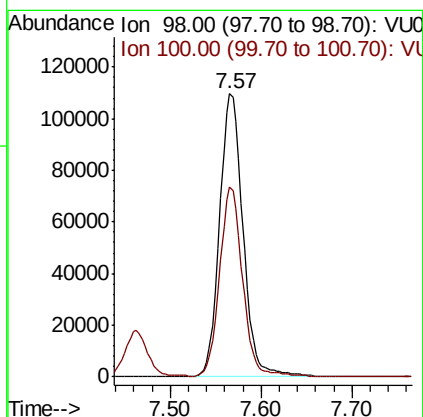
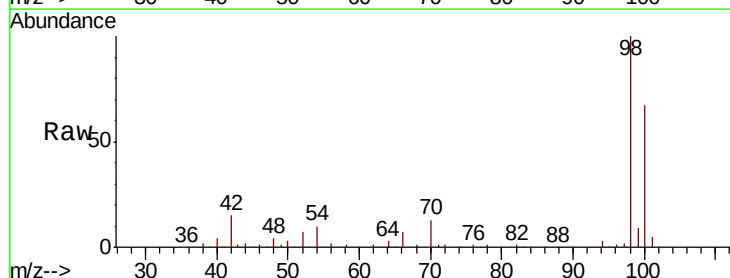
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

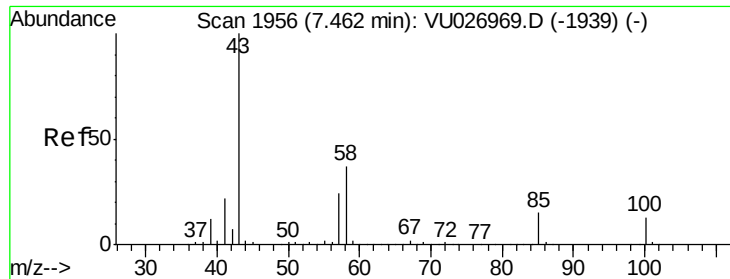
Tot Ion: 88 Resp: 12240
Ion Ratio Lower Upper
88 100
43 40.0 29.8 44.8
58 84.7 63.9 95.9



#50
Toluene-d8
Concen: 45.130 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 98 Resp: 197055
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 113.513 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

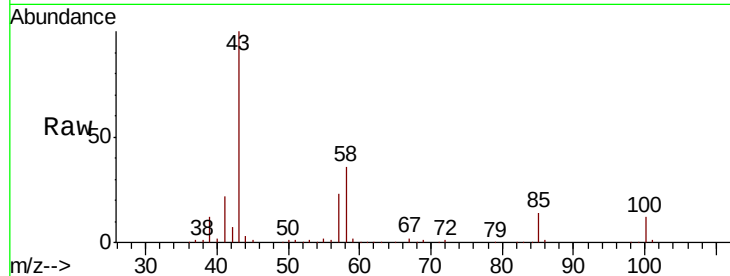
VU0928WBSD02

Tot Ion: 43 Resp: 265884

Ion Ratio Lower Upper

43 100

58 36.1 29.8 44.6



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

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

7.46

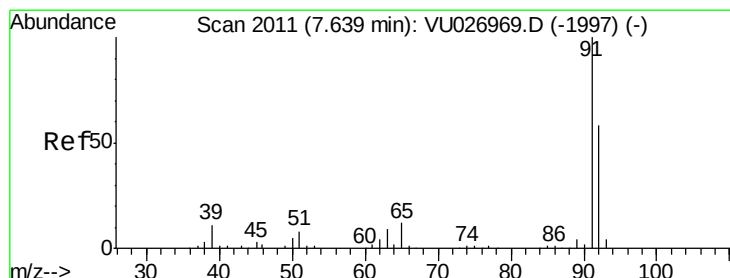
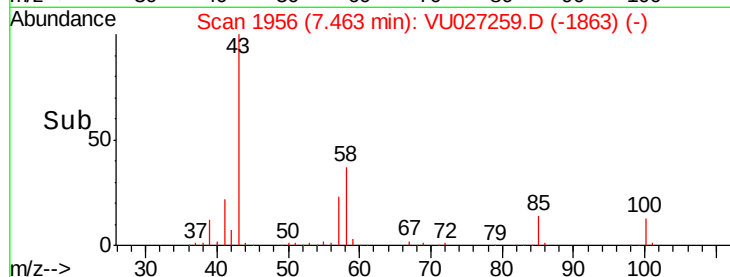
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.118 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027259.D

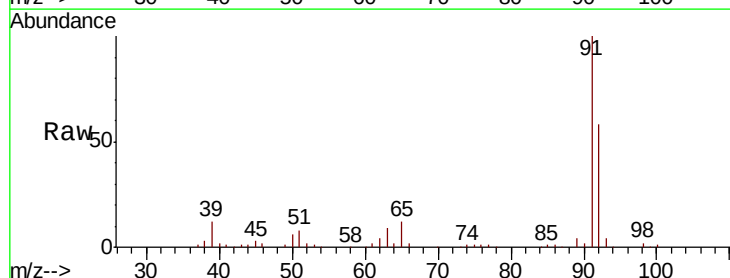
Acq: 28 Sep 2018 10:26

Tgt Ion: 92 Resp: 64916

Ion Ratio Lower Upper

92 100

91 175.6 136.4 204.6



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

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

7.64

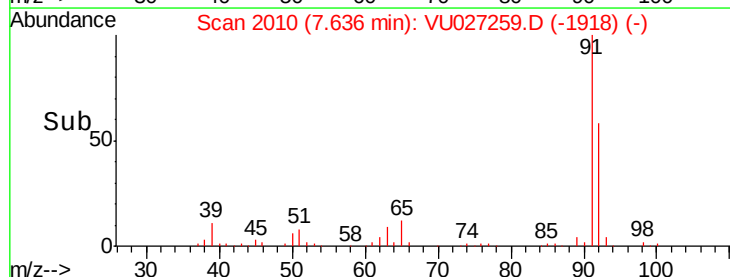
60000

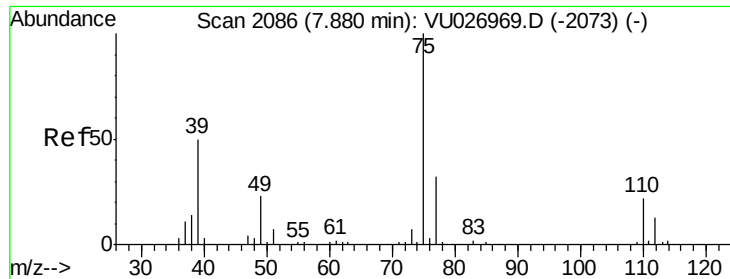
40000

20000

0

Time-->

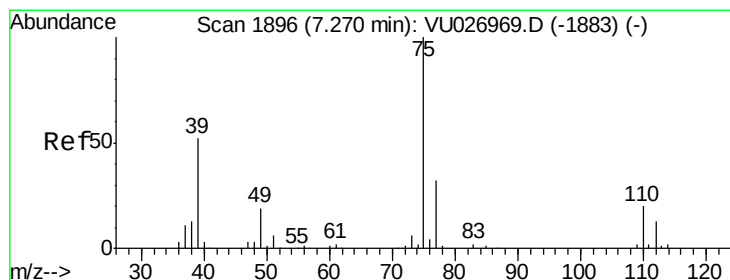
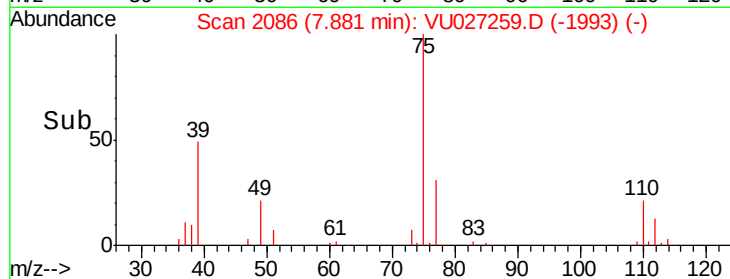
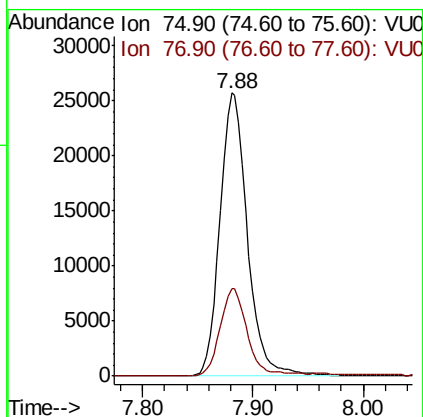
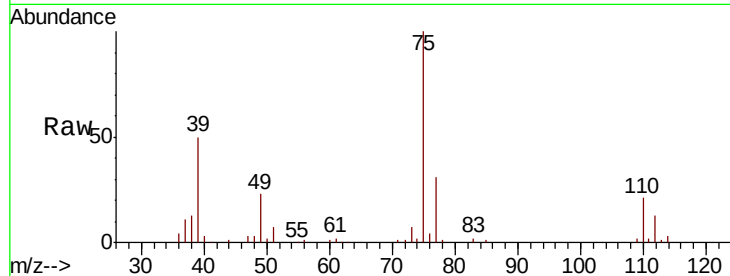




#53
t-1,3-Dichloropropene
Concen: 22.107 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

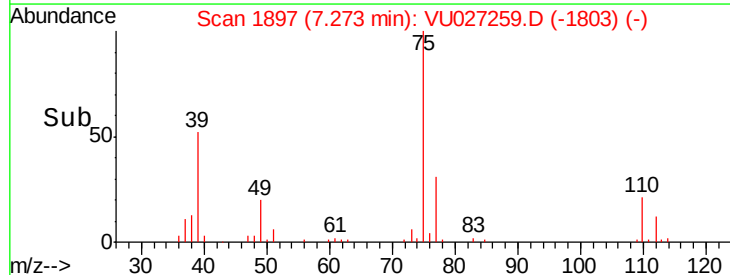
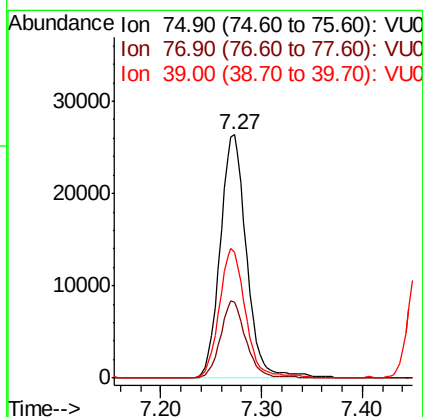
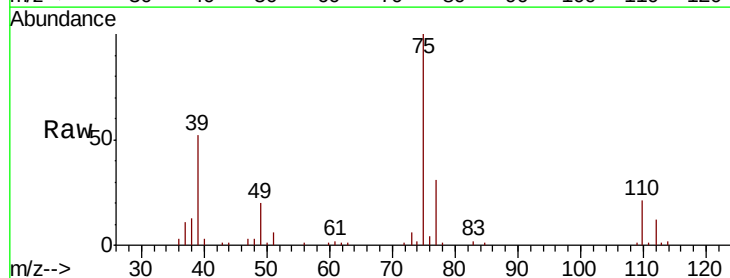
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

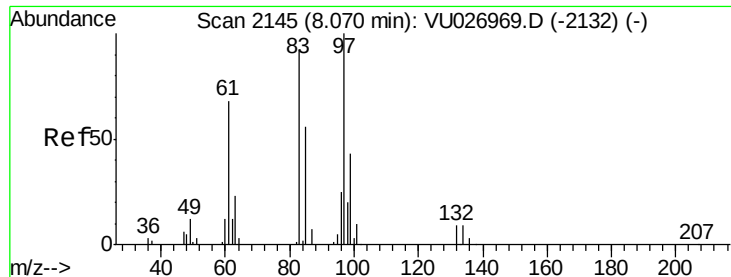
Tot Ion: 75 Resp: 44323
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.836 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 75 Resp: 48136
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 51.7 41.6 62.4

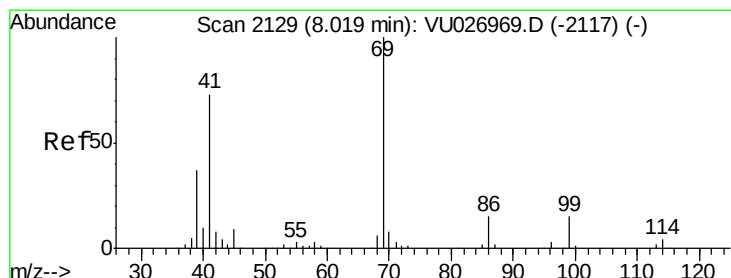
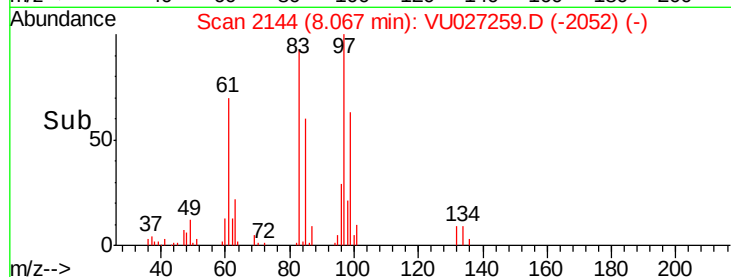
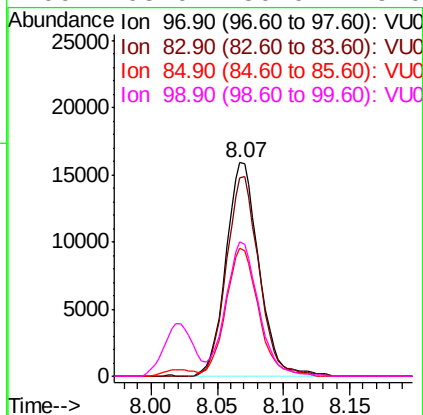
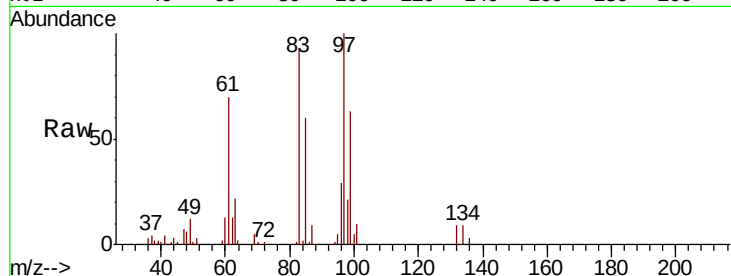




#55
 1,1,2-Trichloroethane
 Concen: 21.166 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

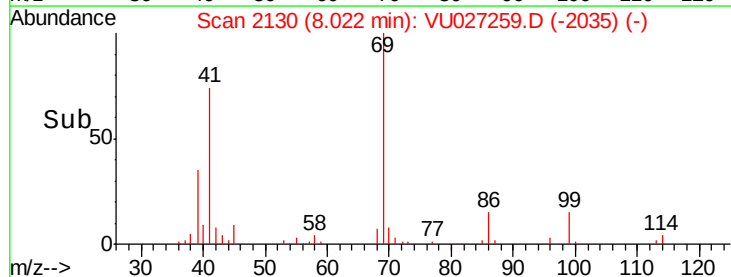
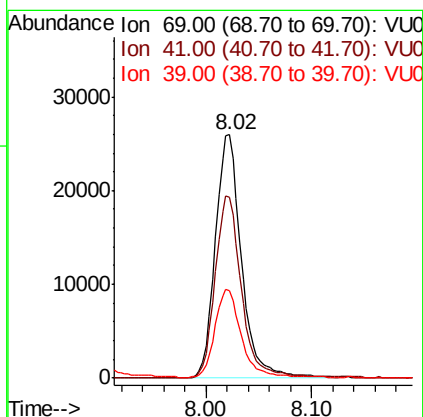
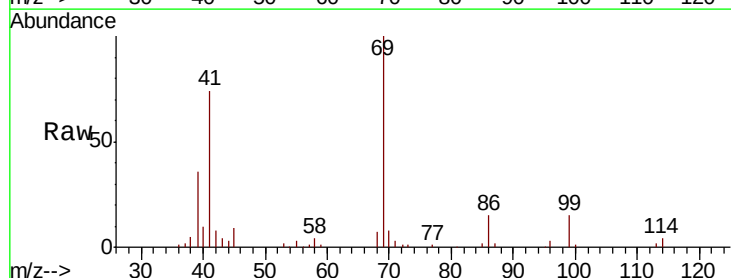
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

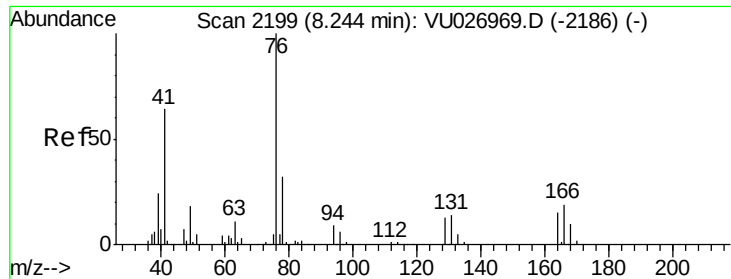
Tot Ion:	97	Resp:	27569
Ion	Ratio	Lower	Upper
97	100		
83	92.8	73.1	109.7
85	59.8	46.7	70.1
99	63.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 21.094 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion:	69	Resp:	44673
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.0	88.4
39	37.1	30.2	45.4

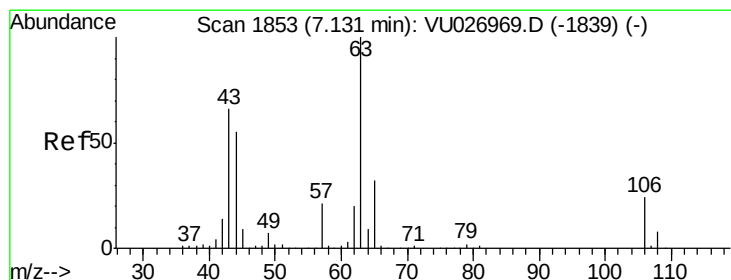
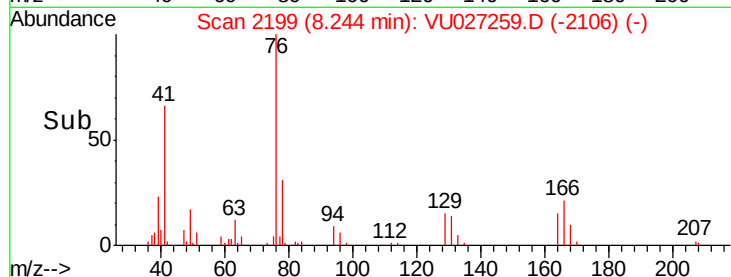
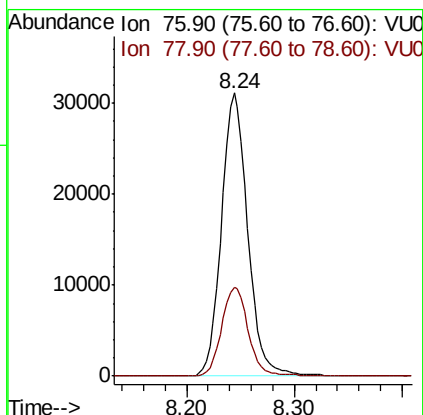
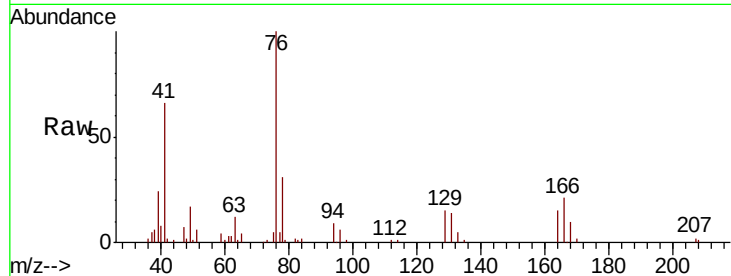




#57
 1,3-Dichloropropane
 Concen: 21.748 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

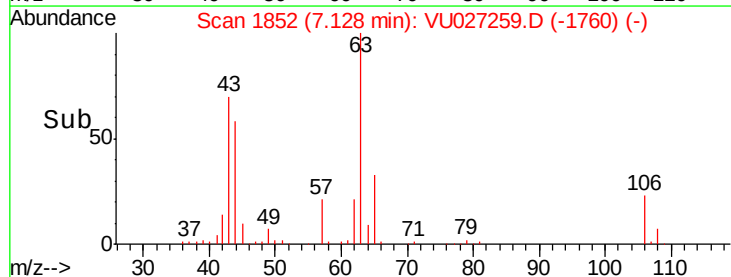
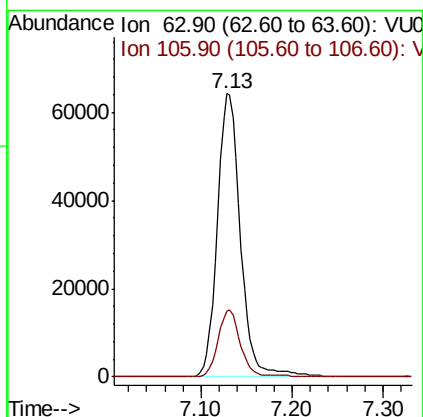
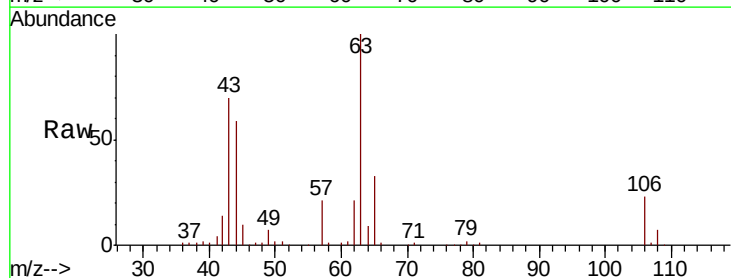
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

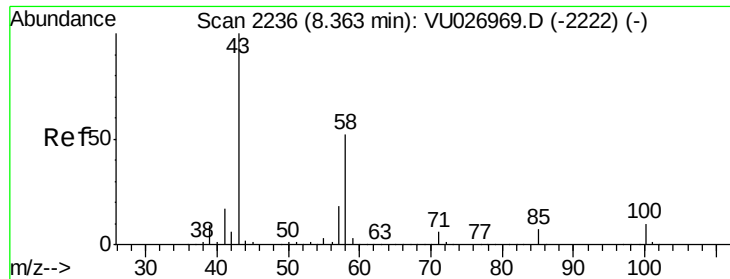
Tot Ion: 76 Resp: 52685
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.541 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 63 Resp: 113377
 Ion Ratio Lower Upper
 63 100
 106 22.4 18.7 28.1

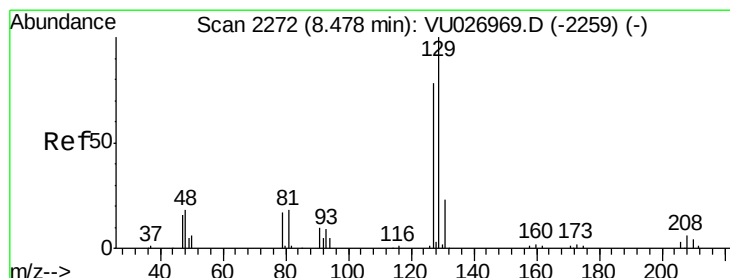
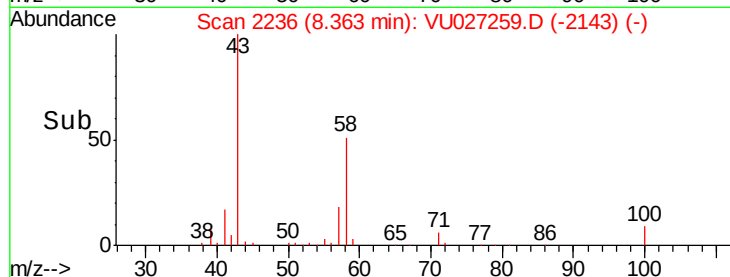
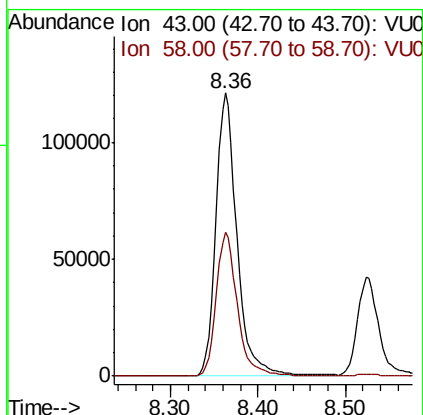
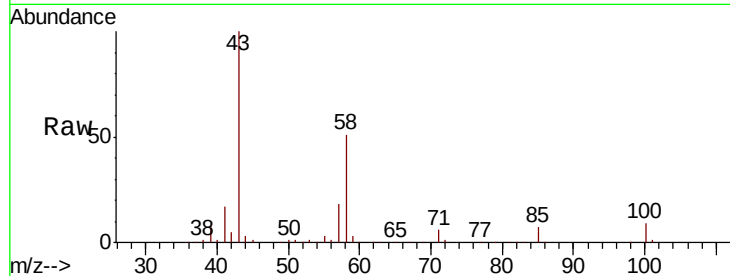




#59
2-Hexanone
Concen: 110.856 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

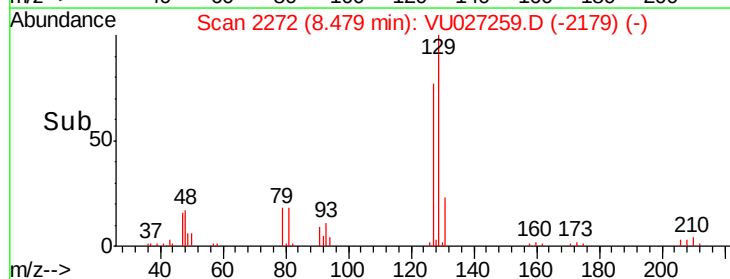
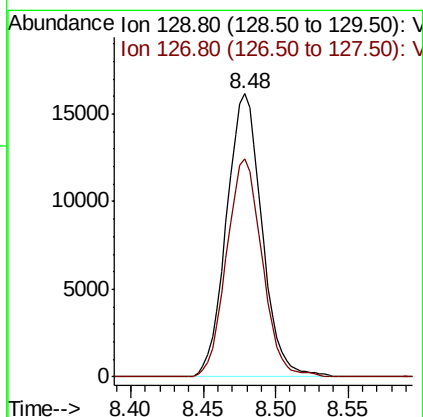
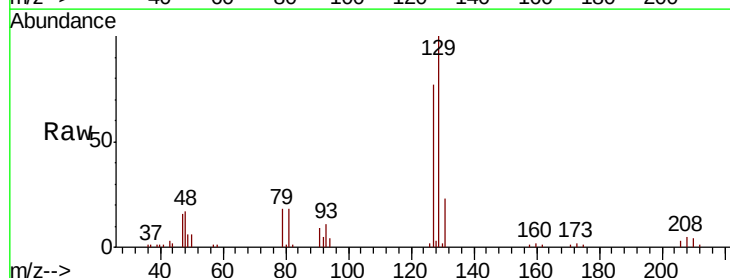
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

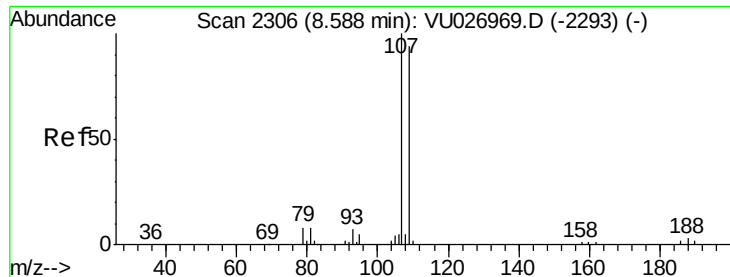
Tot Ion: 43 Resp: 203257
Ion Ratio Lower Upper
43 100
58 51.0 26.1 78.2



#60
Dibromochloromethane
Concen: 21.473 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 129 Resp: 27434
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

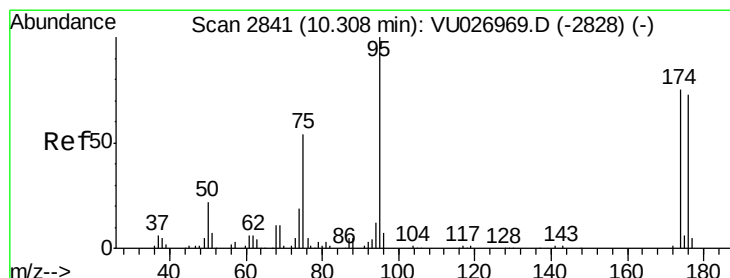
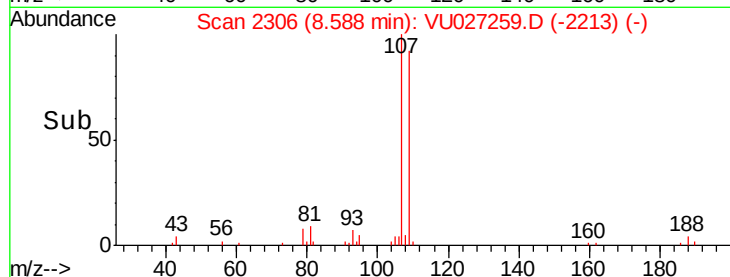
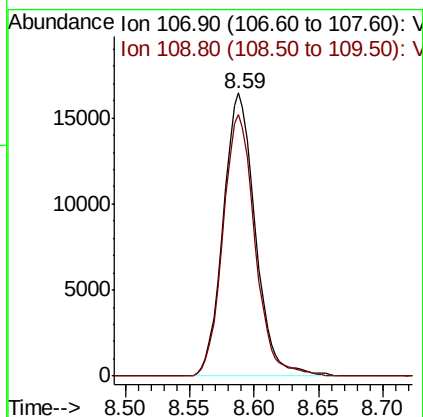
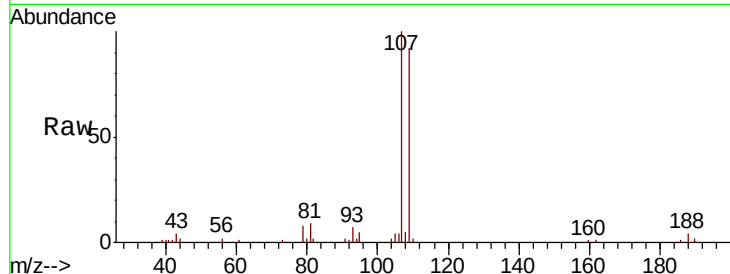




#61
 1,2-Dibromoethane
 Concen: 21.002 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

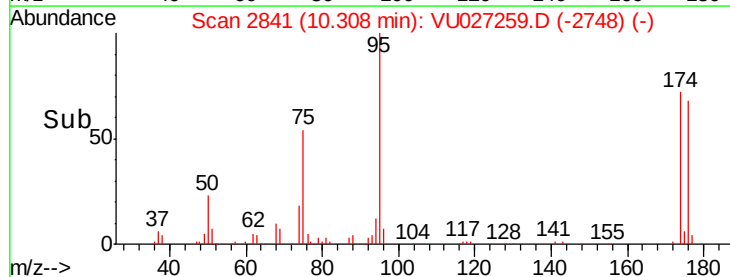
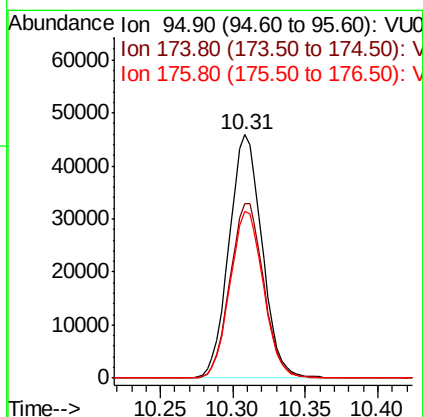
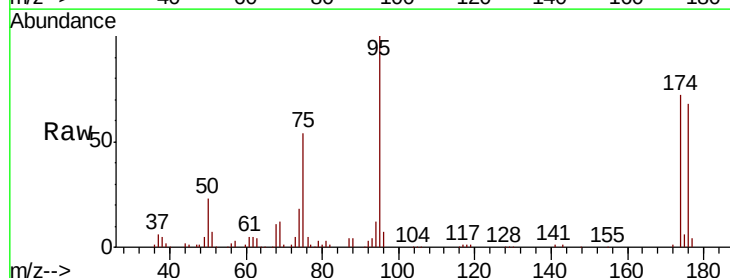
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

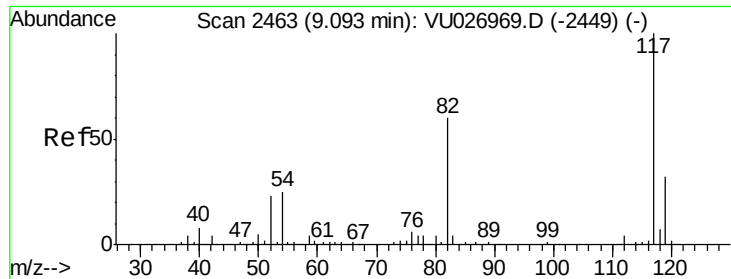
Tot Ion: 107 Resp: 28462
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.350 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 95 Resp: 72439
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 150.2
 176 69.5 0.0 145.2

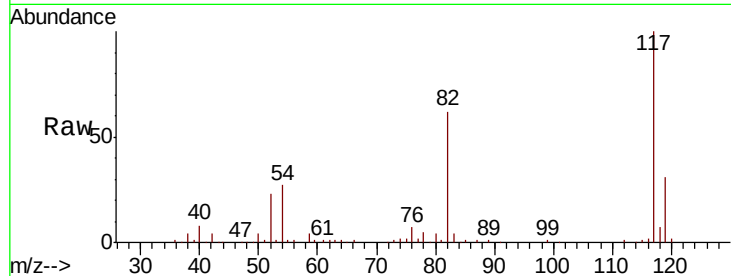




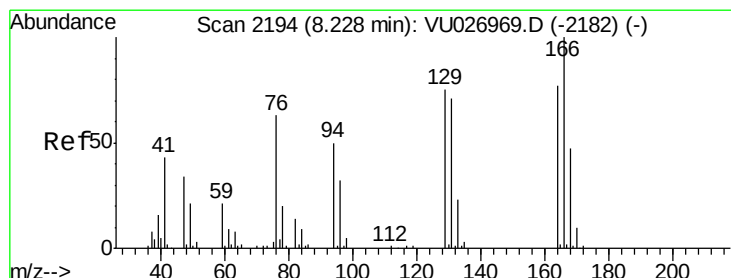
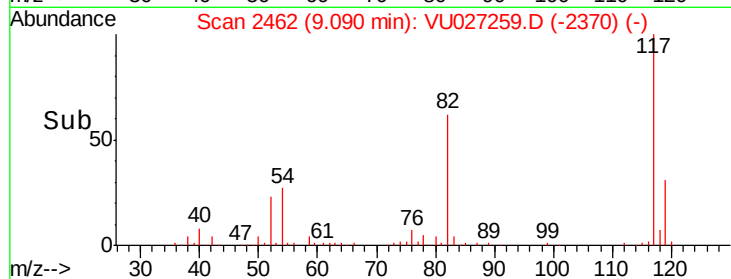
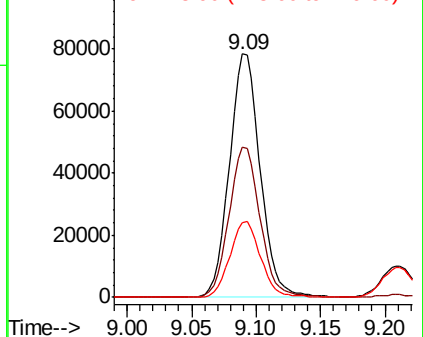
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion:117 Resp: 129947
Ion Ratio Lower Upper
117 100
82 61.9 48.0 72.0
119 30.9 25.8 38.8



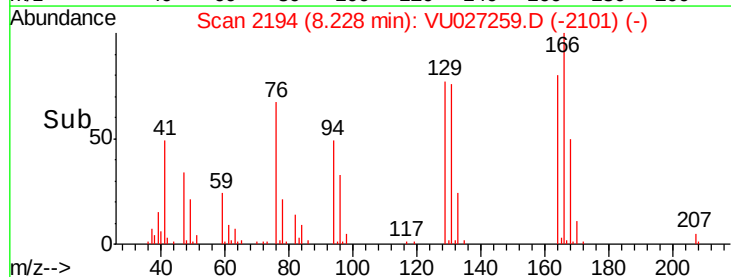
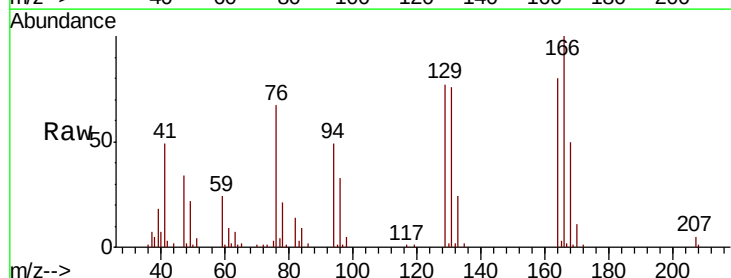
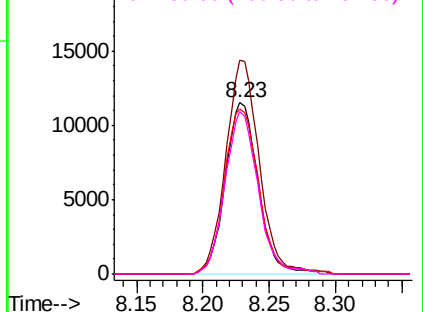
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

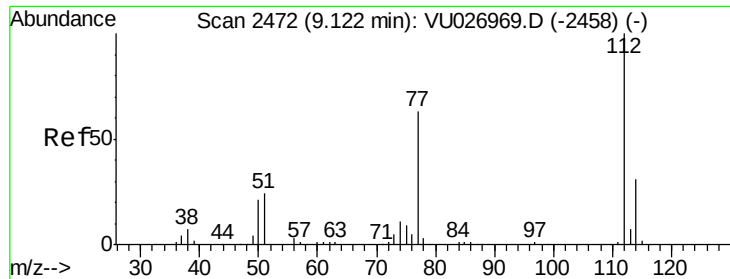


#64
Tetrachloroethene
Concen: 19.912 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:164 Resp: 19939
Ion Ratio Lower Upper
164 100
166 124.9 104.4 156.6
129 96.5 78.7 118.1
131 94.9 73.9 110.9

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

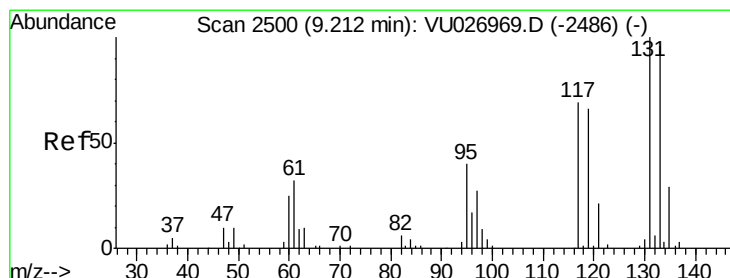
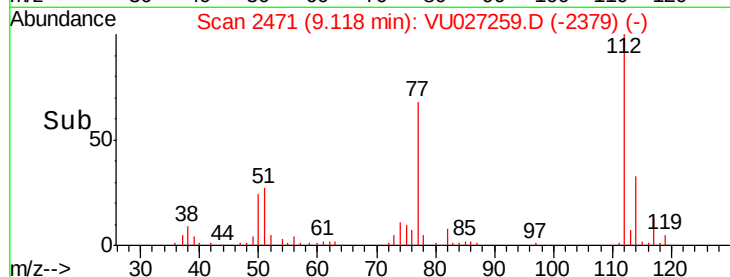
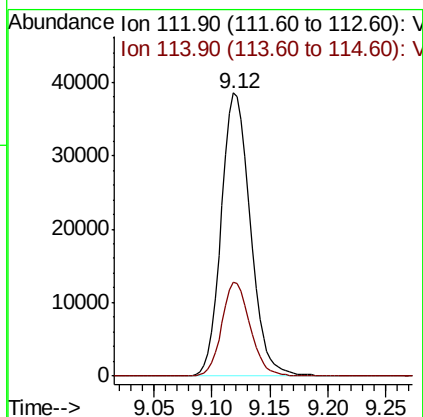
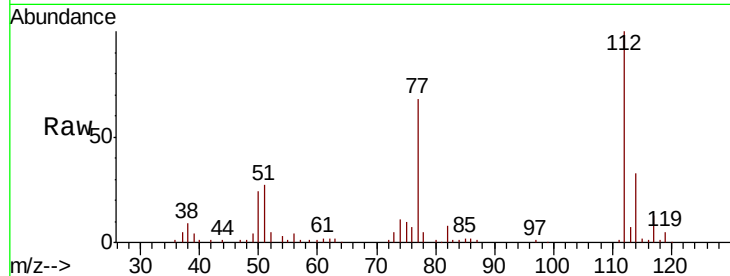




#65
Chlorobenzene
Concen: 19.441 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

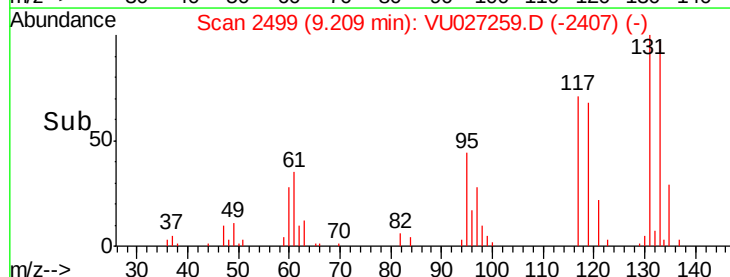
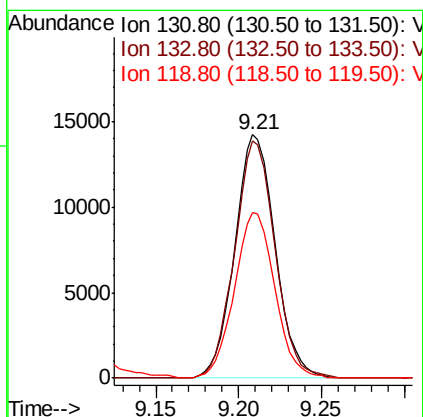
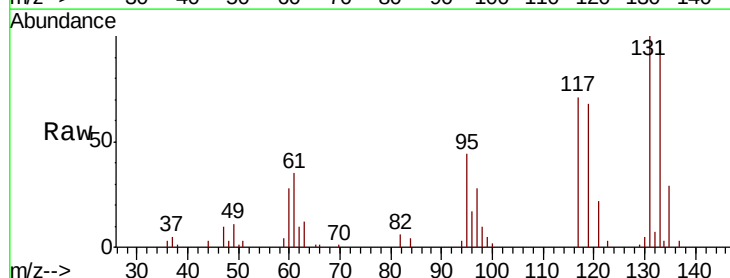
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

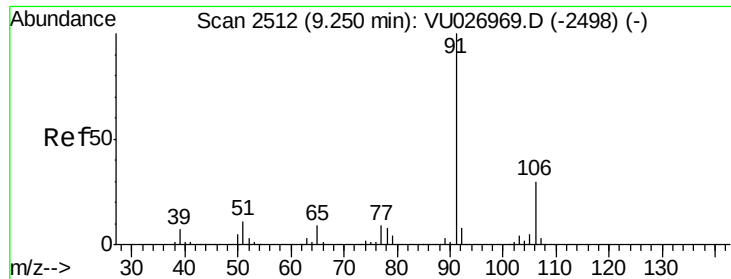
Tot Ion:112 Resp: 66986
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.319 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:131 Resp: 24114
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.2
119 67.9 33.4 100.1

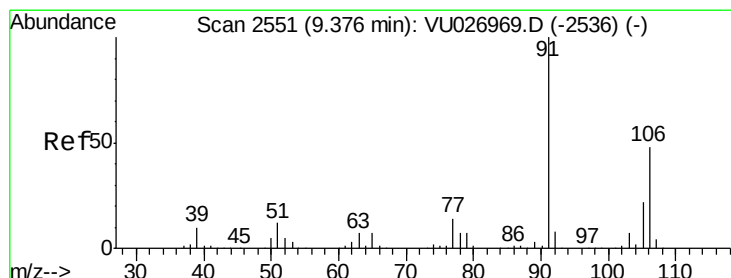
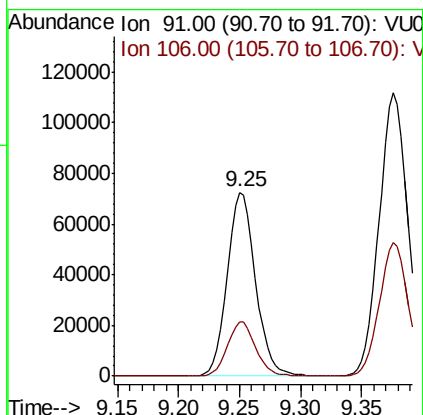
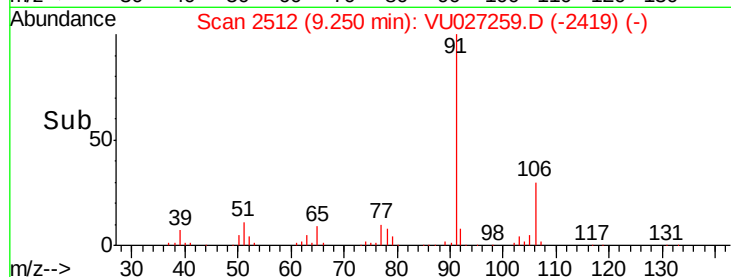
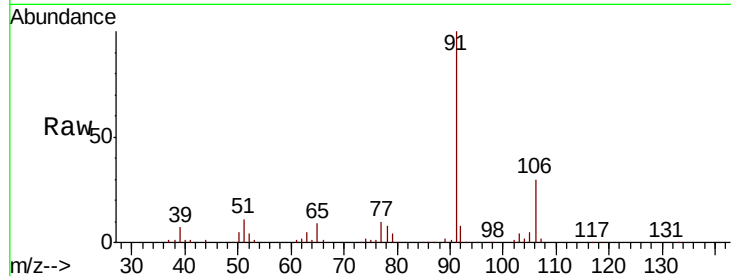




#67
Ethyl Benzene
Concen: 20.854 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

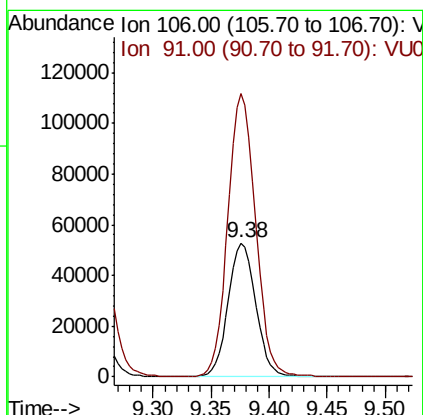
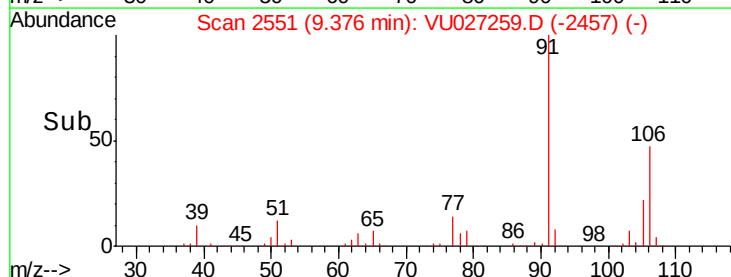
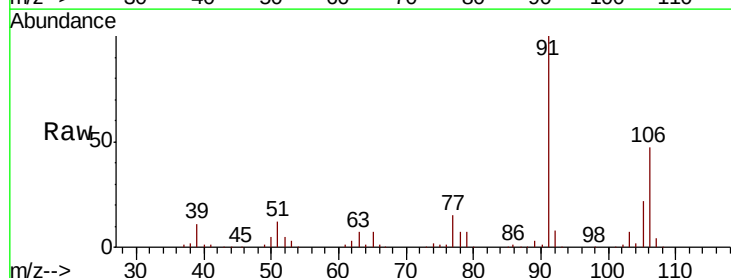
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

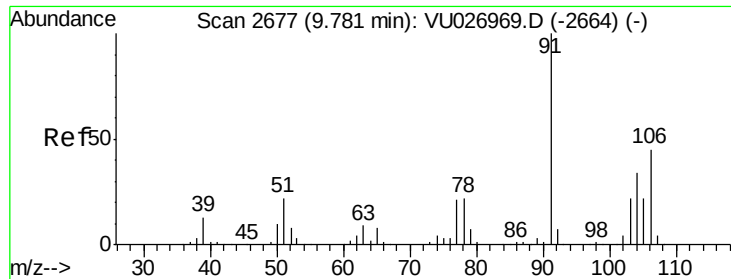
Tot Ion: 91 Resp: 118158
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 39.099 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 106 Resp: 87587
Ion Ratio Lower Upper
106 100
91 210.8 166.5 249.7

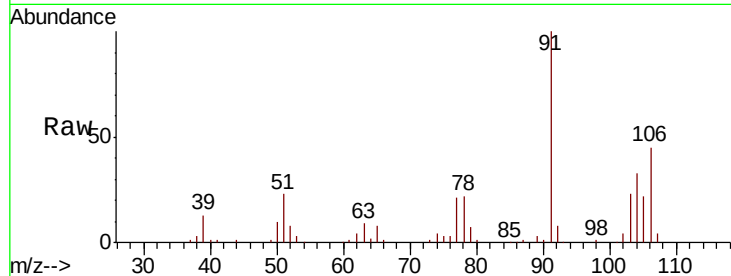




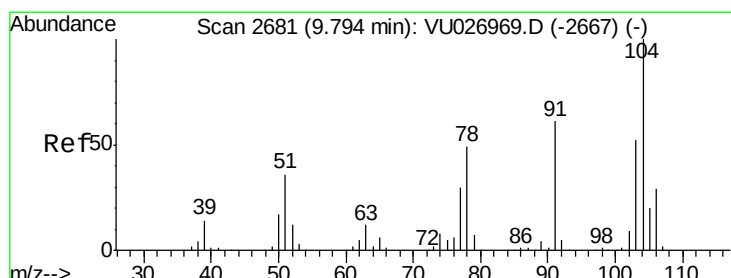
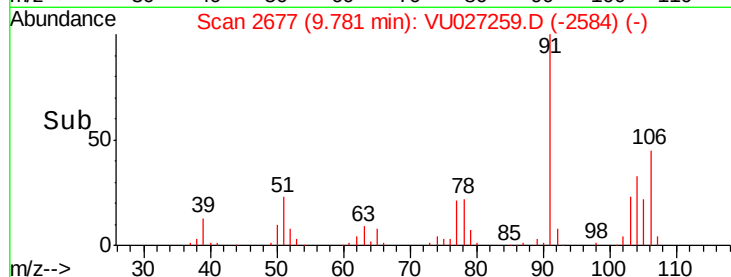
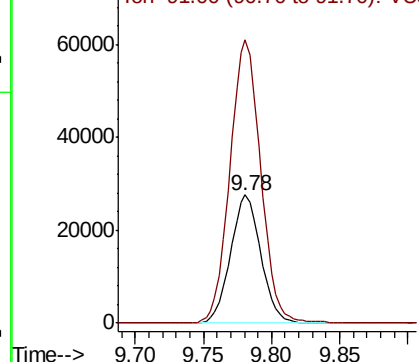
#69
o-Xylene
Concen: 21.196 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion:106 Resp: 42551
Ion Ratio Lower Upper
106 100
91 224.4 110.2 330.6

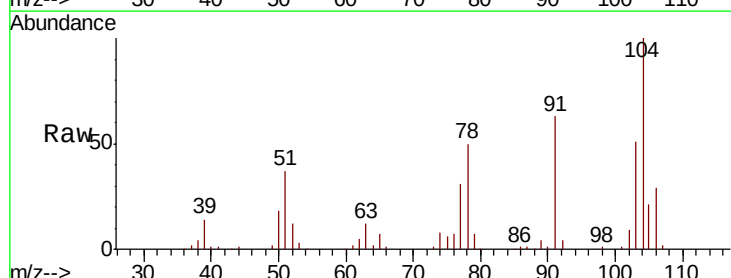


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

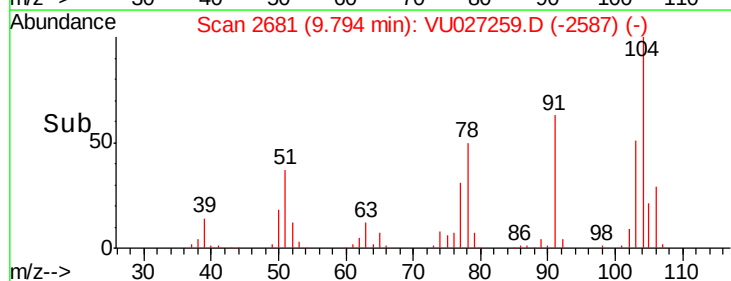
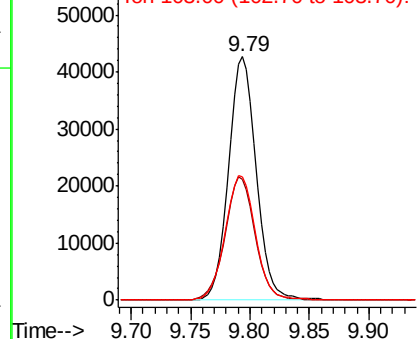


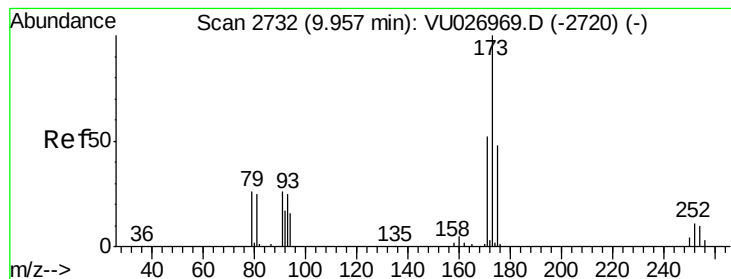
#70
Styrene
Concen: 19.493 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:104 Resp: 68769
Ion Ratio Lower Upper
104 100
78 54.9 43.0 64.4
103 56.0 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.102 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

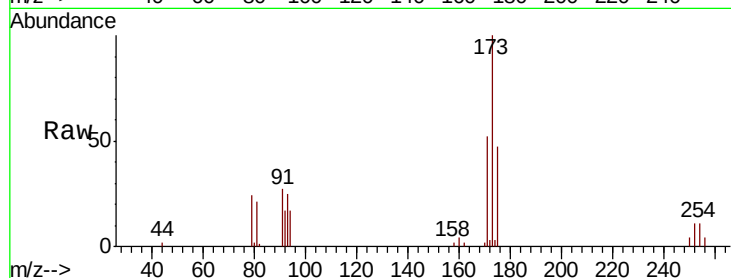
Tot Ion:173 Resp: 19366

Ion Ratio Lower Upper

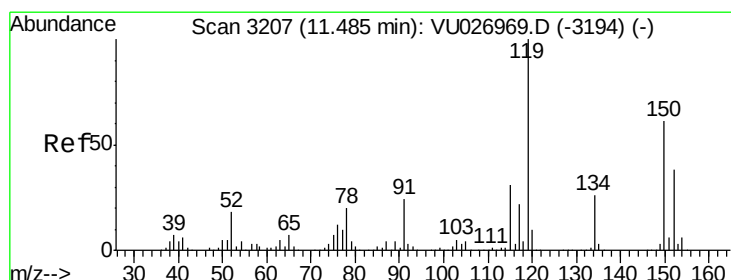
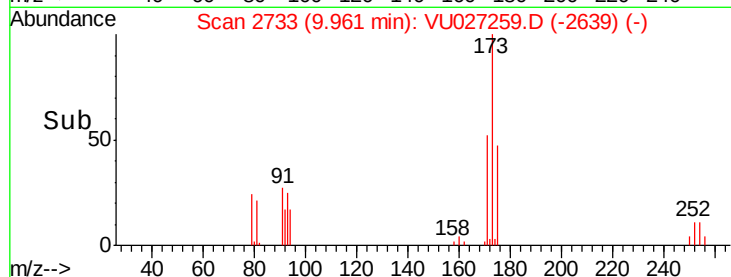
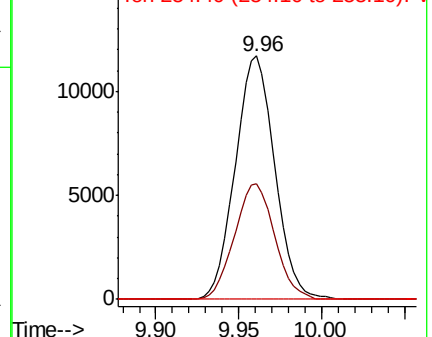
173 100

175 48.1 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

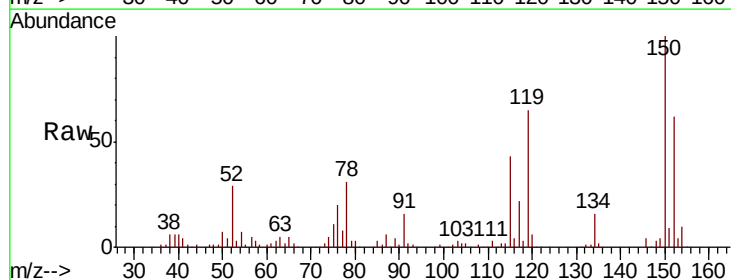
Tgt Ion:152 Resp: 68172

Ion Ratio Lower Upper

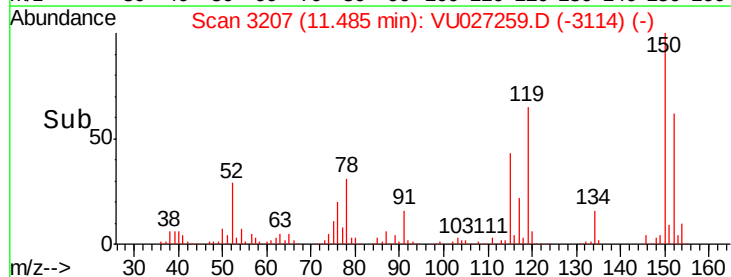
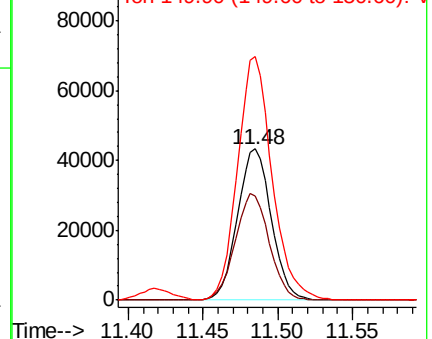
152 100

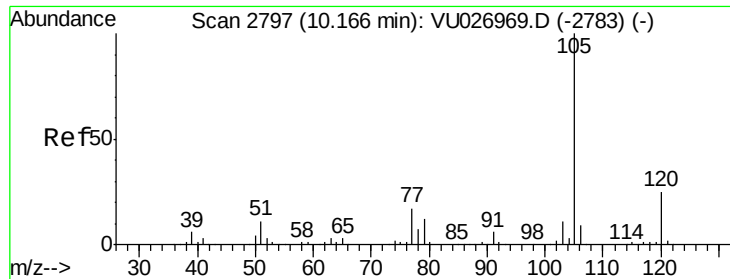
115 70.8 44.9 134.5

150 164.8 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.626 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

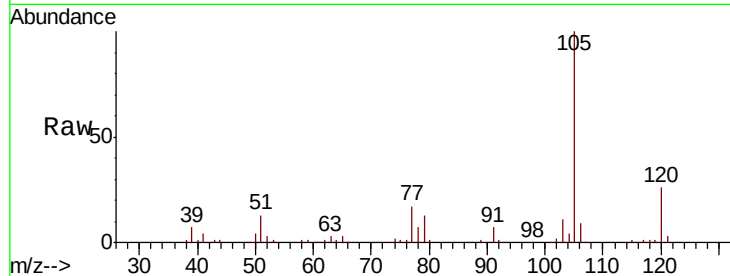
VU0928WBSD02

Tot Ion:105 Resp: 112147

Ion Ratio Lower Upper

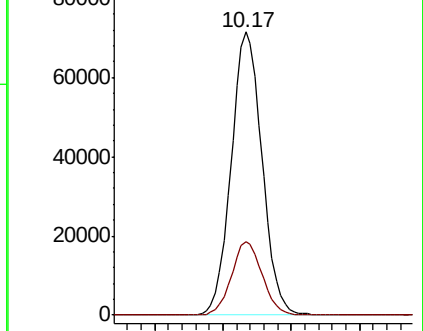
105 100

120 25.7 12.8 38.4

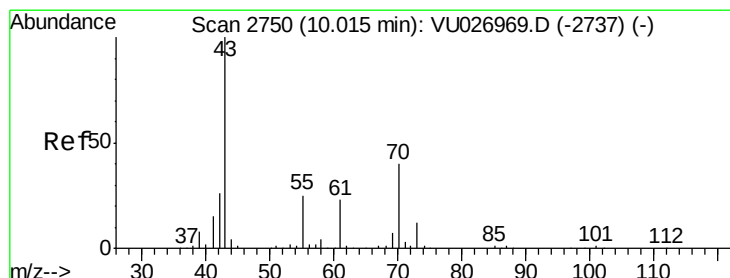
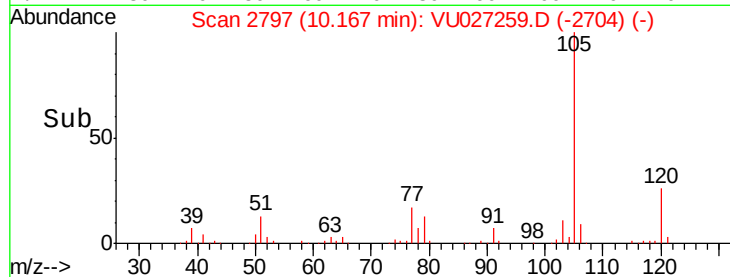


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 22.437 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Tgt Ion: 43 Resp: 67351

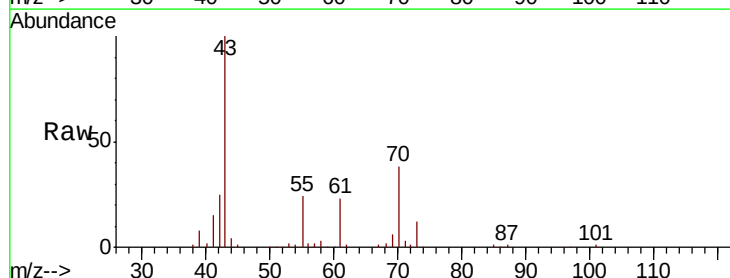
Ion Ratio Lower Upper

43 100

70 38.0 31.8 47.8

55 23.7 19.9 29.9

61 23.2 18.4 27.6

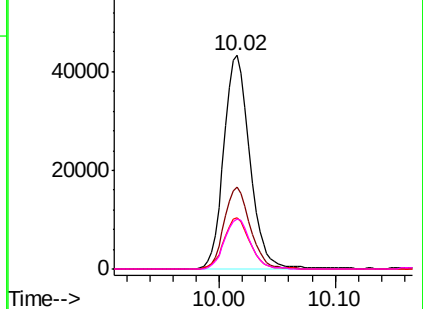


Abundance Ion 43.00 (42.70 to 43.70): VU0

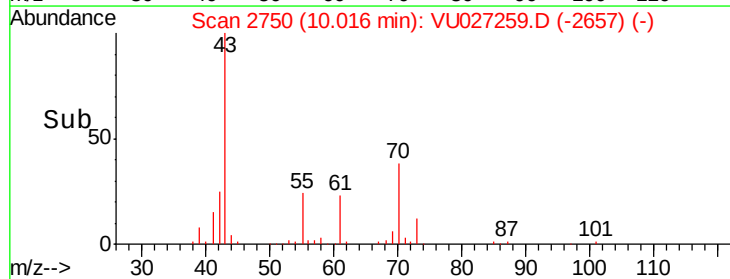
Ion 70.00 (69.70 to 70.70): VU0

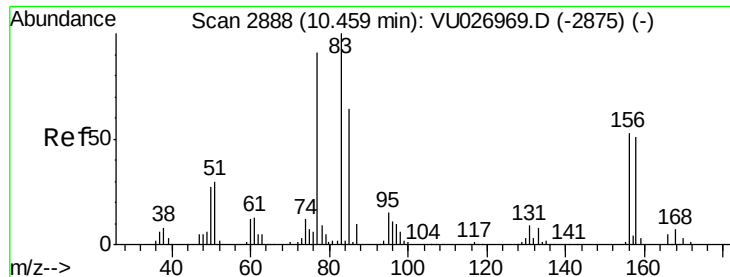
Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.087 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

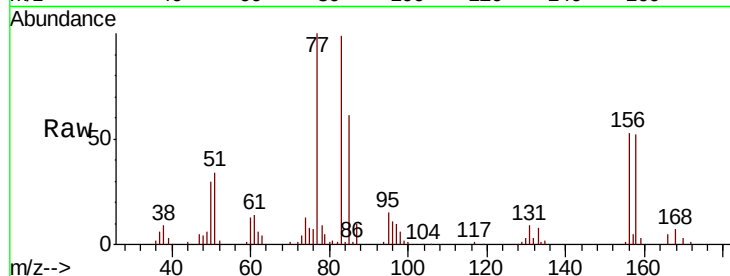
Tot Ion: 83 Resp: 47893

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

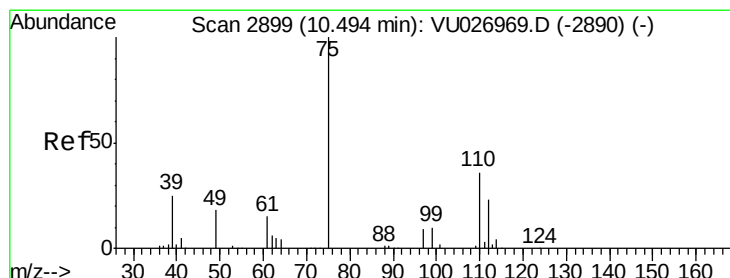
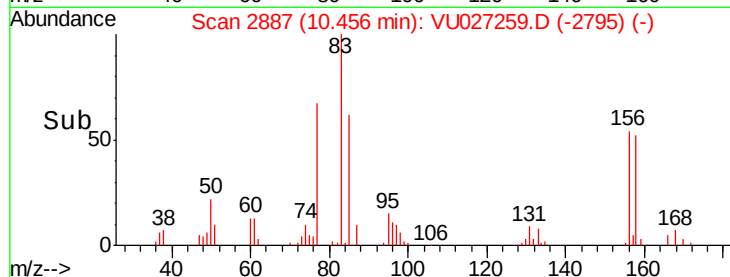
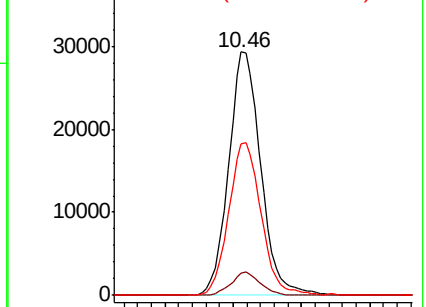
85 63.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 26.480 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027259.D

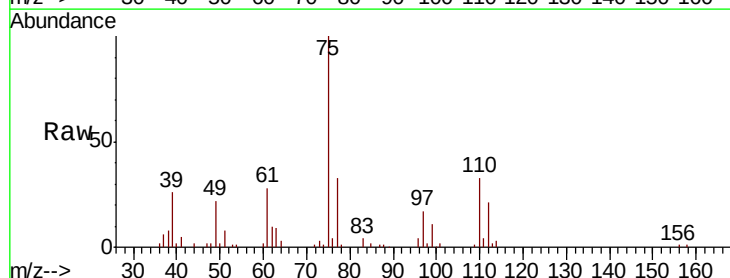
Acq: 28 Sep 2018 10:26

Tgt Ion: 75 Resp: 54841

Ion Ratio Lower Upper

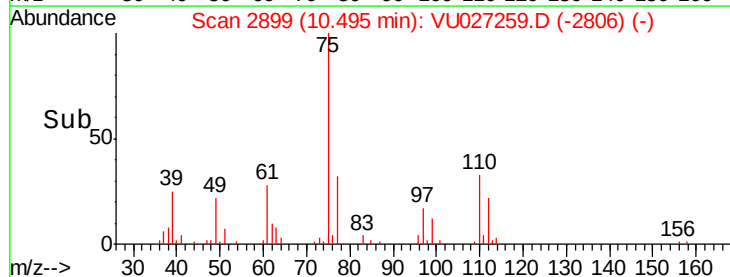
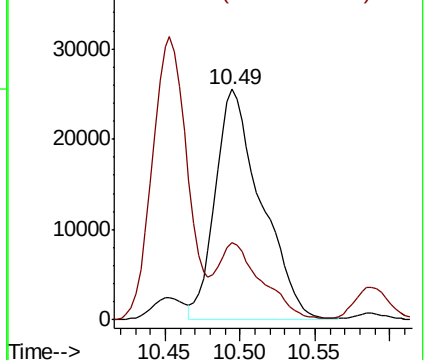
75 100

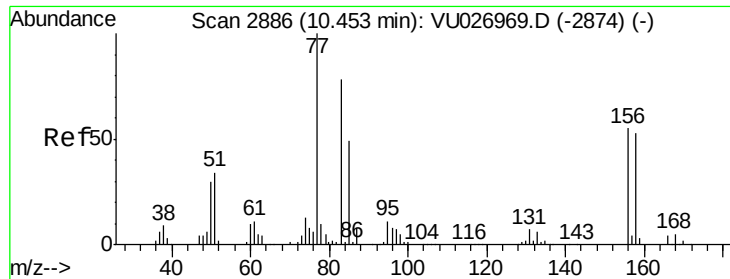
77 30.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 20.849 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

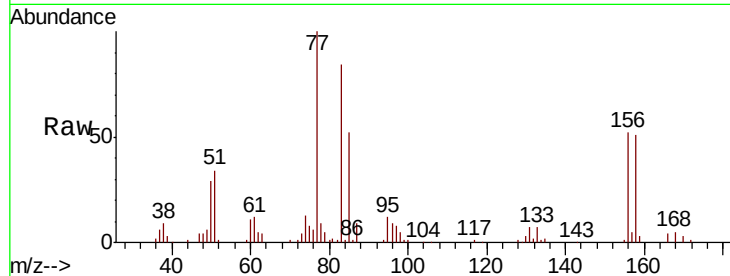
Tot Ion:156 Resp: 26420

Ion Ratio Lower Upper

156 100

77 193.1 92.3 276.9

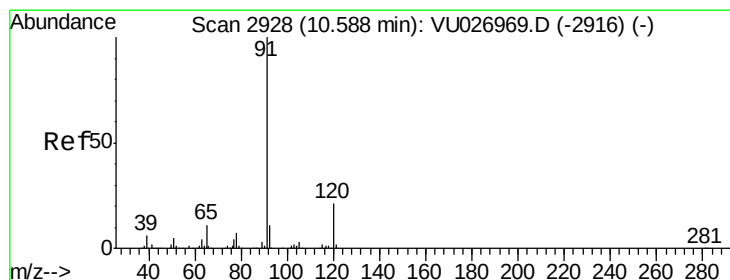
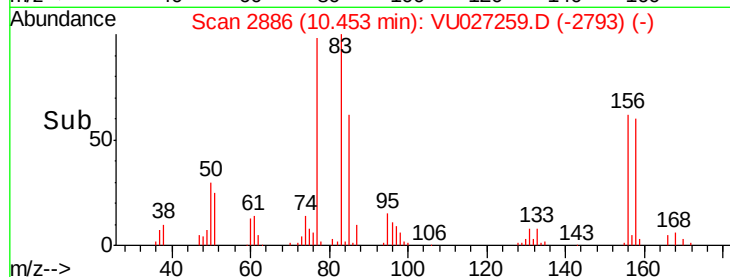
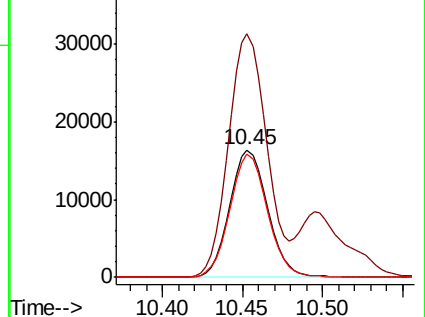
158 95.7 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.574 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027259.D

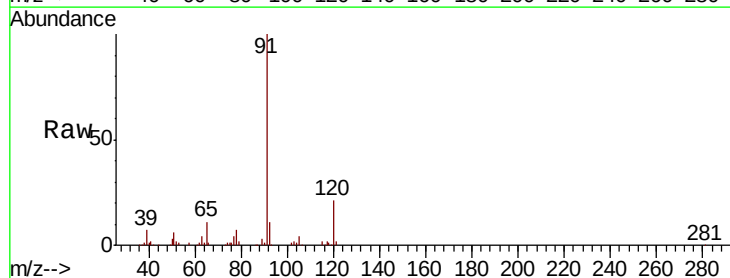
Acq: 28 Sep 2018 10:26

Tgt Ion: 91 Resp: 132375

Ion Ratio Lower Upper

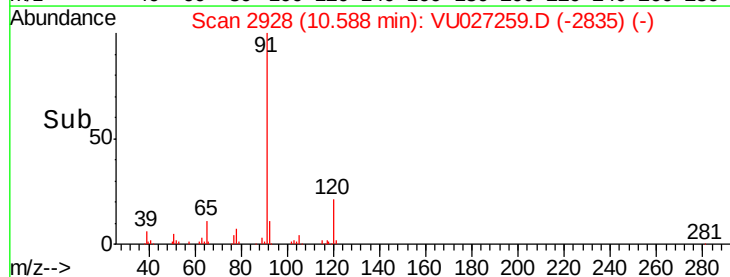
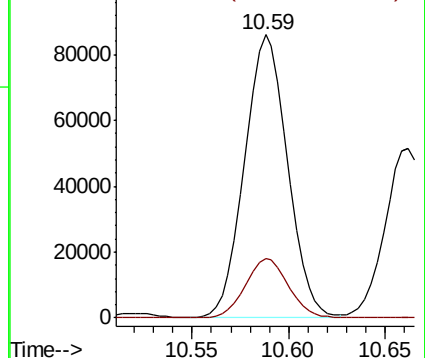
91 100

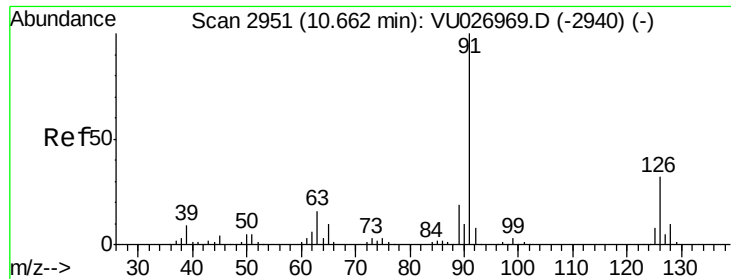
120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

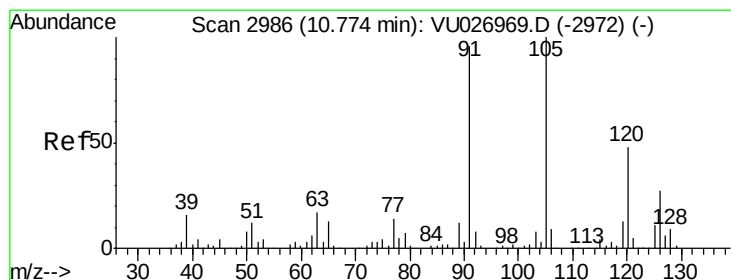
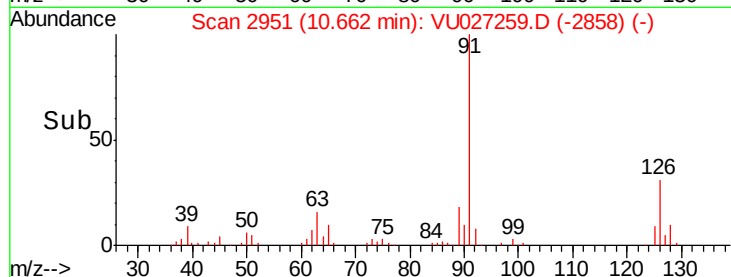
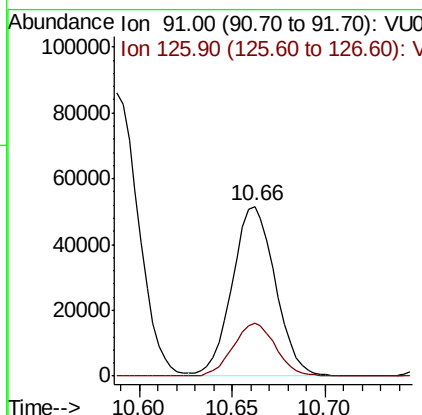
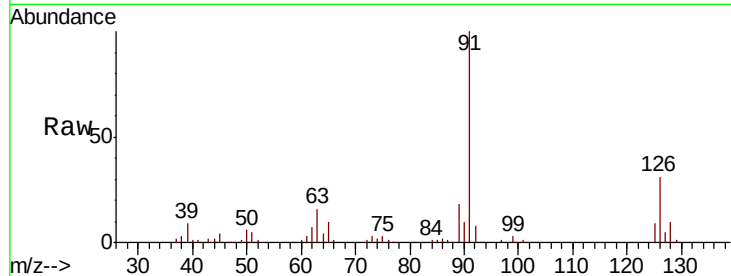




#79
 2-Chlorotoluene
 Concen: 21.362 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

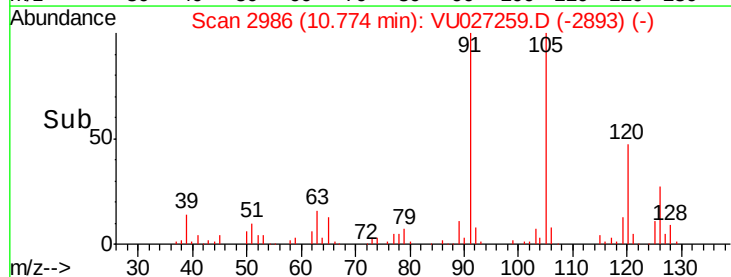
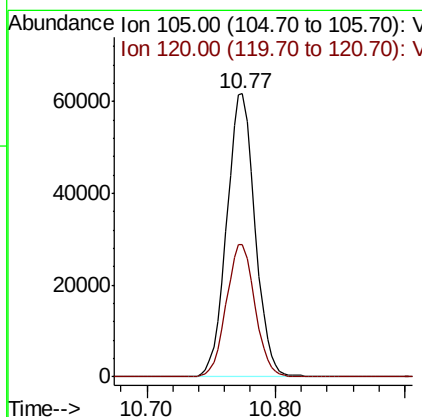
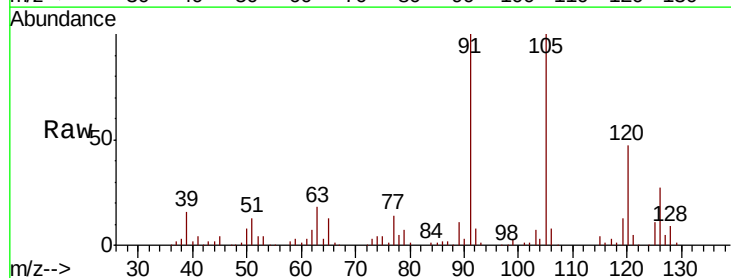
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

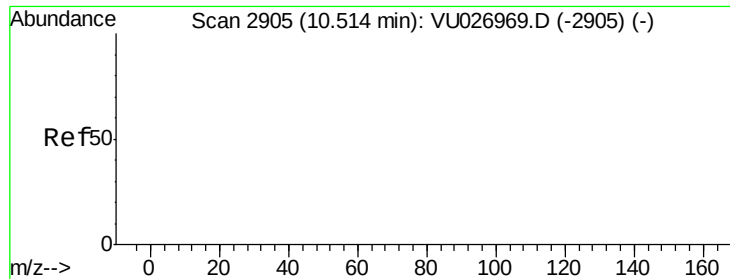
Tot Ion: 91 Resp: 82331
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.919 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 105 Resp: 93831
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.7

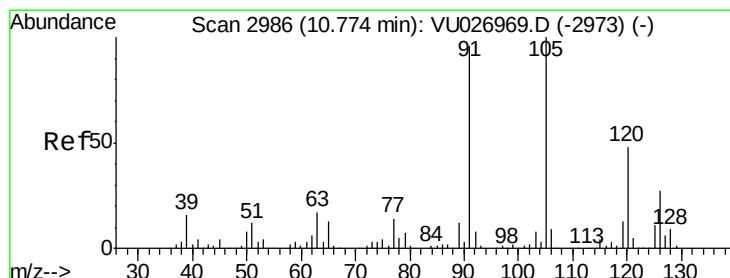
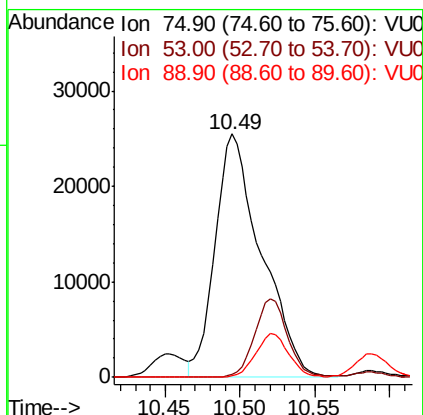
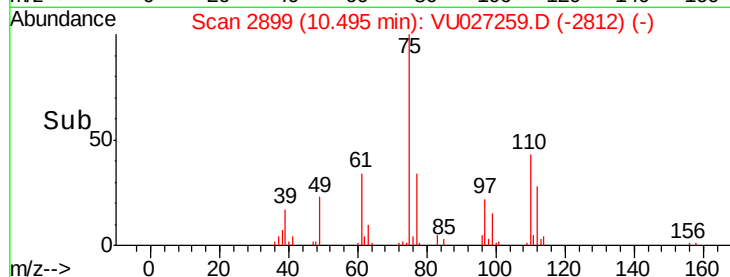
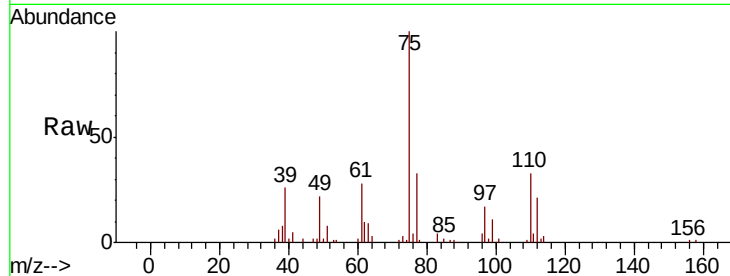




#81
trans-1,4-Dichloro-2-butene
Concen: 84.740 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

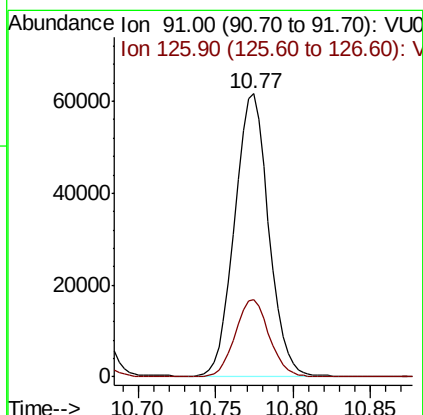
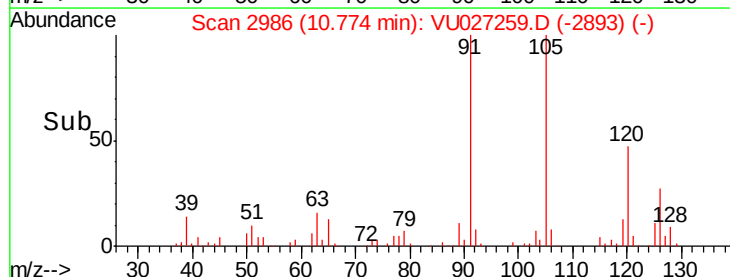
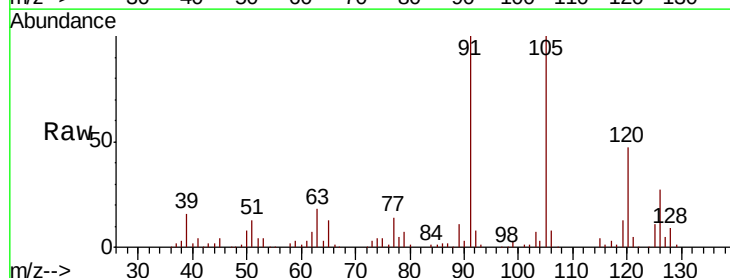
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

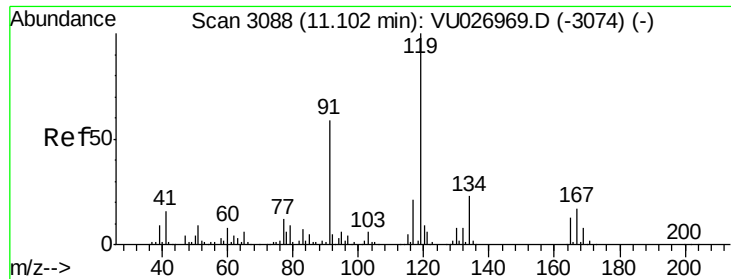
Tot Ion: 75 Resp: 54841
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.626 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion: 91 Resp: 93459
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.2

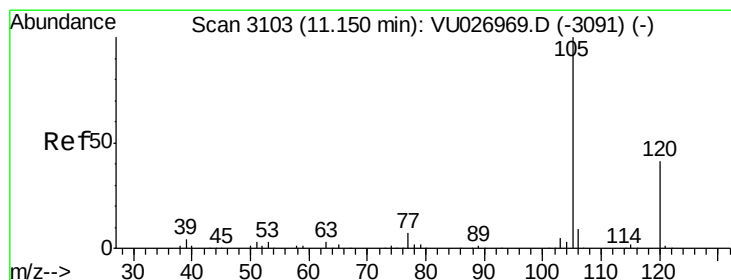
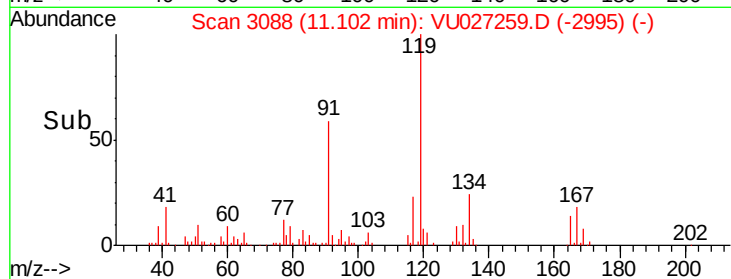
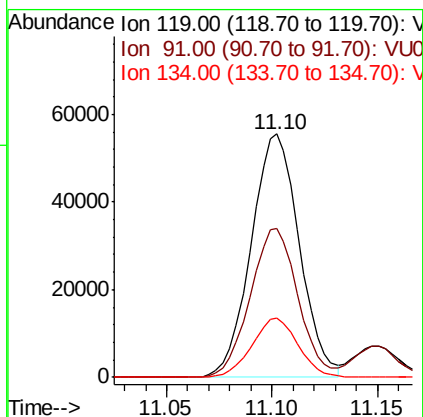
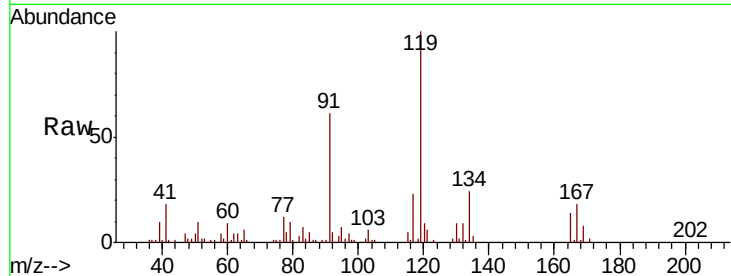




#83
 tert-Butylbenzene
 Concen: 20.869 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

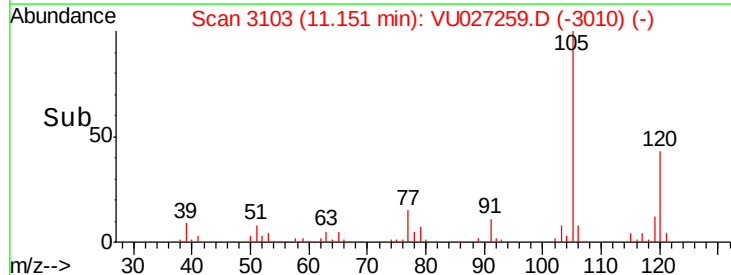
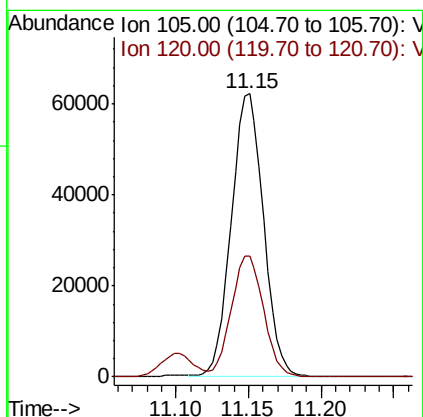
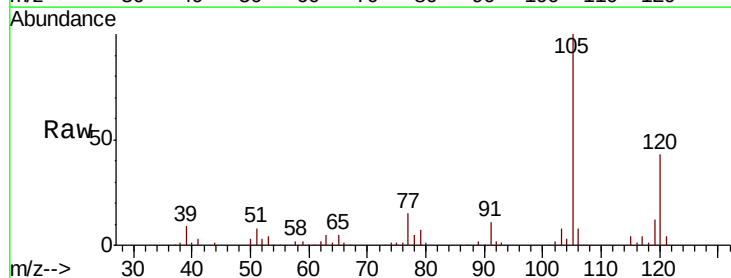
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

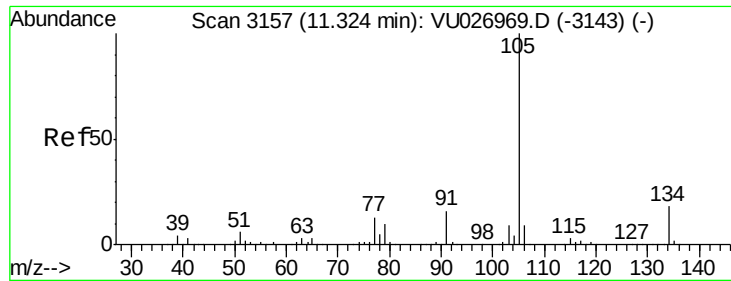
Tot Ion:119 Resp: 88323
 Ion Ratio Lower Upper
 119 100
 91 60.3 29.8 89.4
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.048 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion:105 Resp: 96050
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 21.453 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

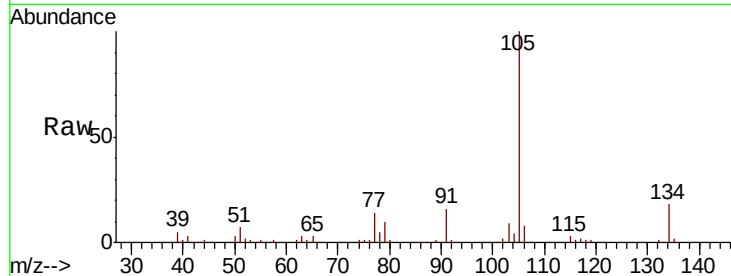
VU0928WBSD02

Tot Ion:105 Resp: 110832

Ion Ratio Lower Upper

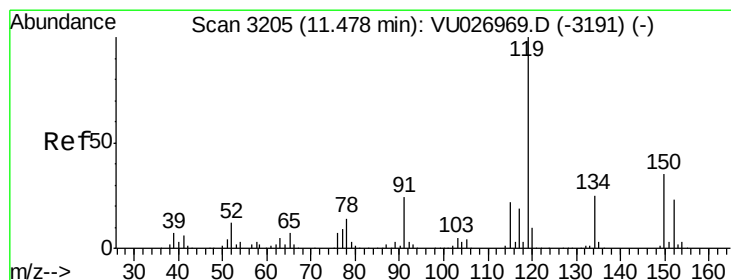
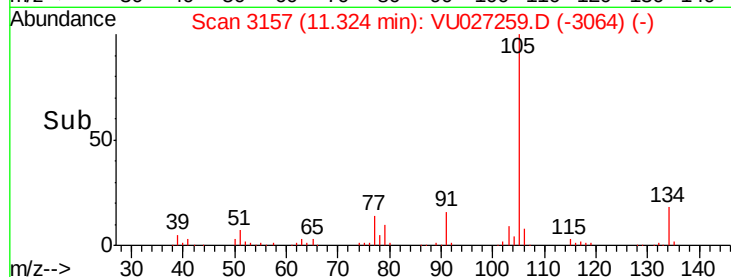
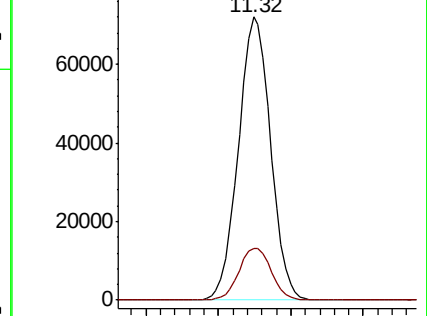
105 100

134 18.4 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.071 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

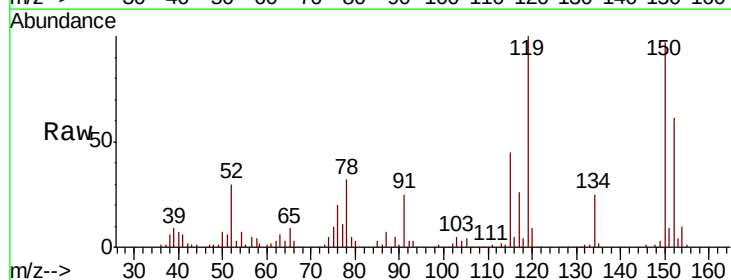
Tgt Ion:119 Resp: 94555

Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.3

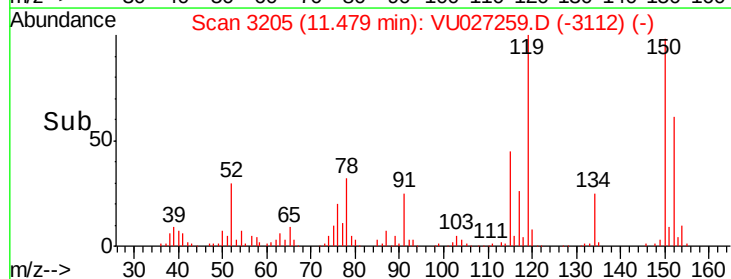
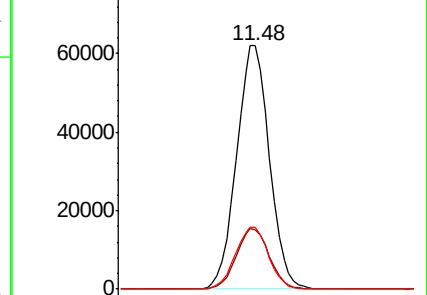
91 25.6 12.3 36.8

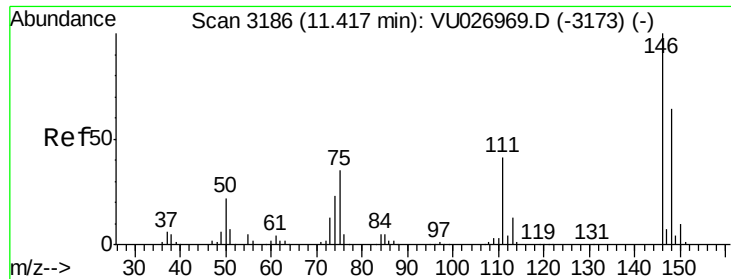


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

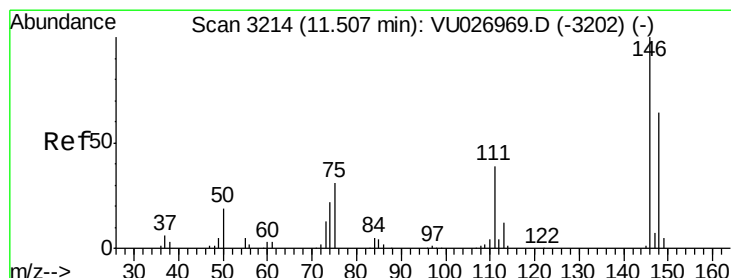
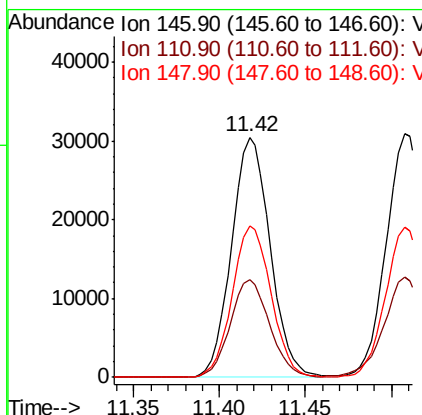
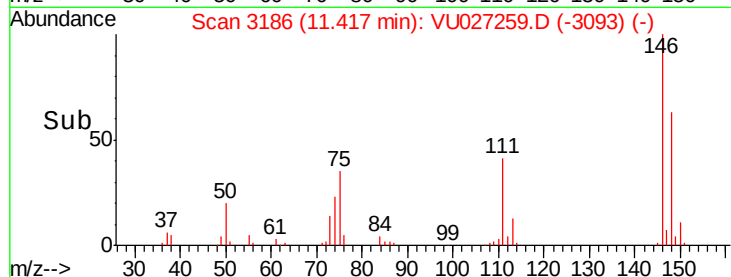
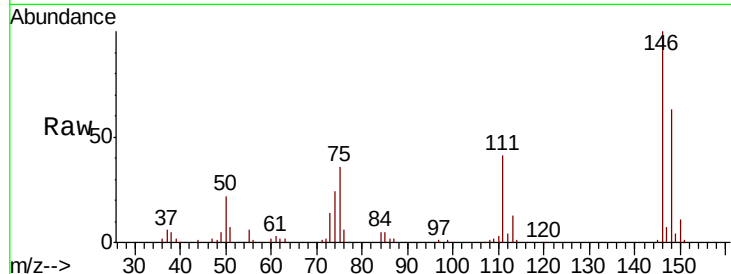




#87
 1,3-Dichlorobenzene
 Concen: 20.272 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

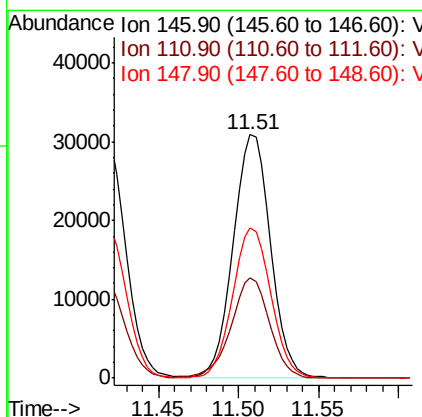
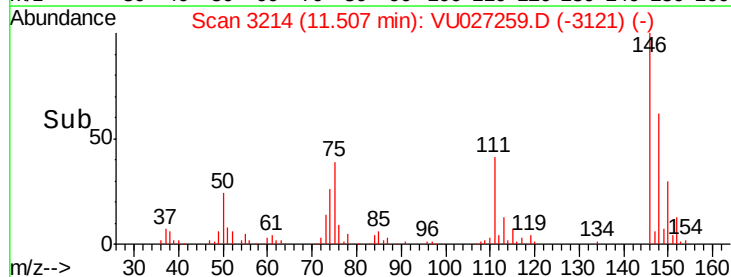
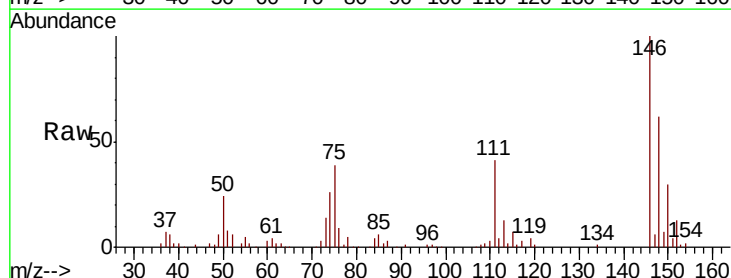
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

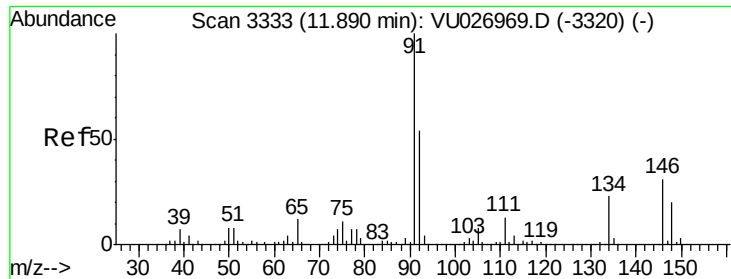
Tot Ion:146 Resp: 47805
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.076 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion:146 Resp: 49028
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.3 60.9
 148 63.2 31.9 95.9





#89

n-Butylbenzene

Concen: 19.006 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027259.D

Acq: 28 Sep 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD02

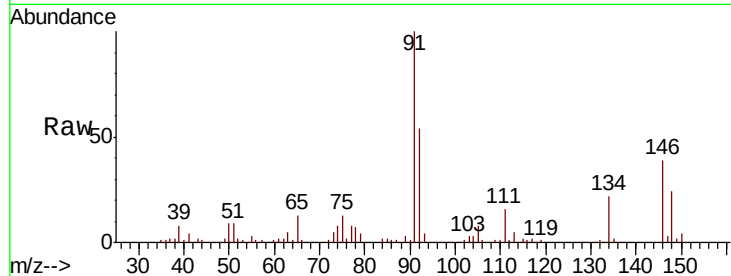
Tot Ion: 91 Resp: 81992

Ion Ratio Lower Upper

91 100

92 52.9 27.1 81.2

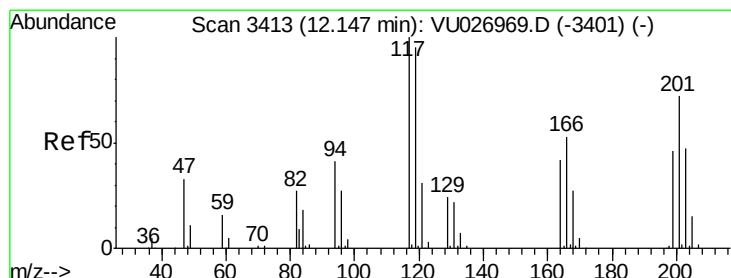
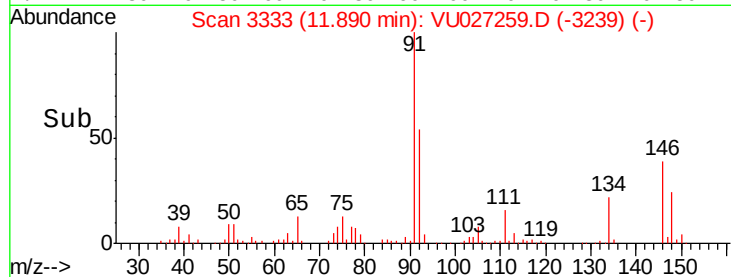
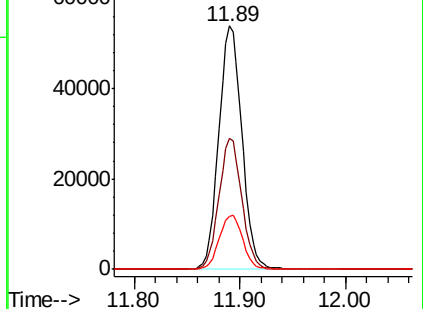
134 22.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90

Hexachloroethane

Concen: 18.756 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027259.D

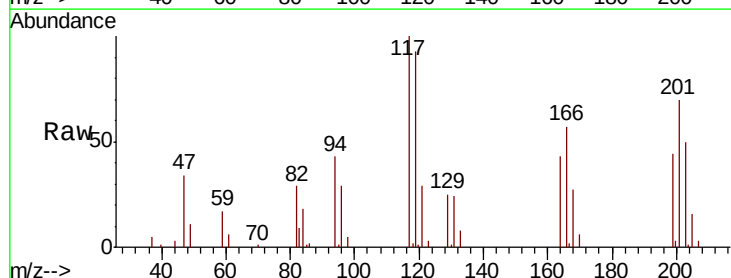
Acq: 28 Sep 2018 10:26

Tgt Ion: 117 Resp: 17621

Ion Ratio Lower Upper

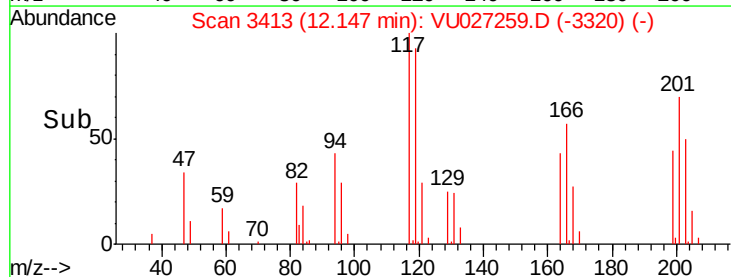
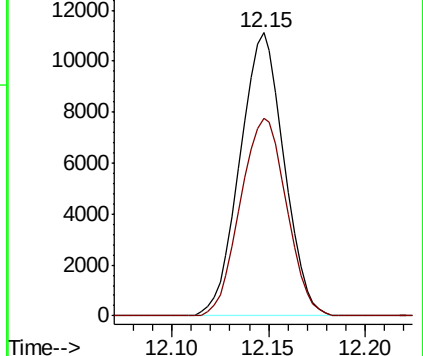
117 100

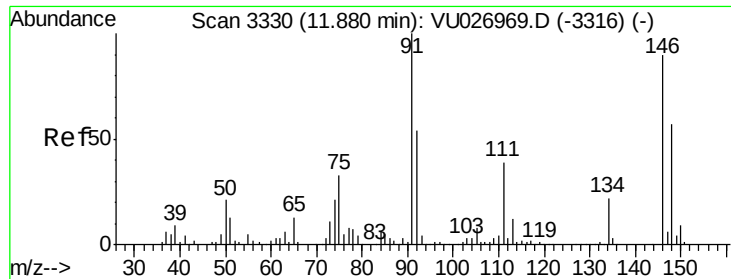
201 72.9 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

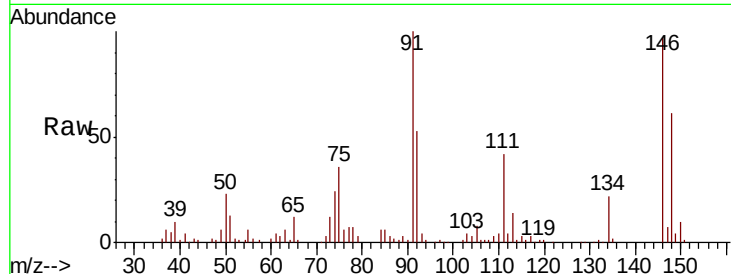




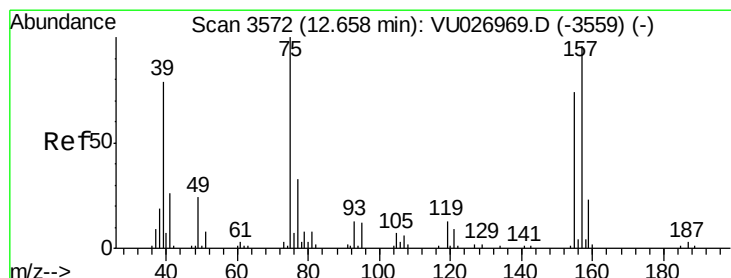
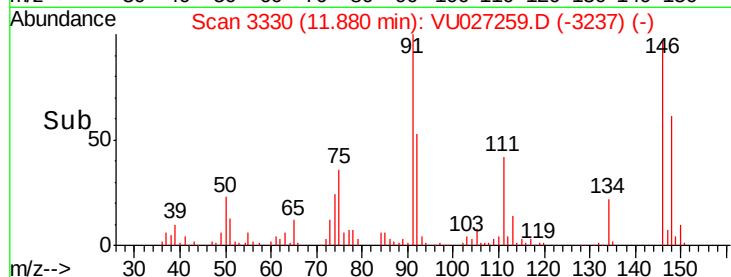
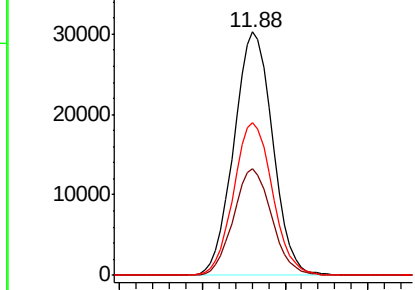
#91
 1,2-Dichlorobenzene
 Concen: 19.653 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion:146 Resp: 49229
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.8 65.3
 148 62.9 31.9 95.7

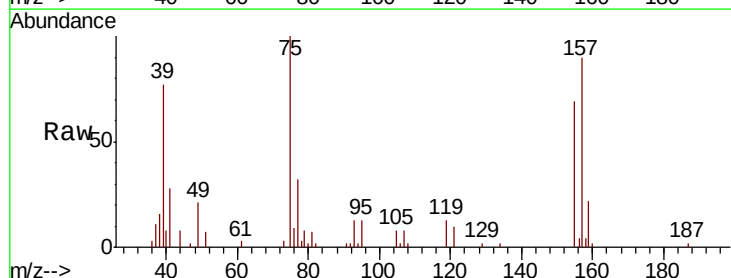


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

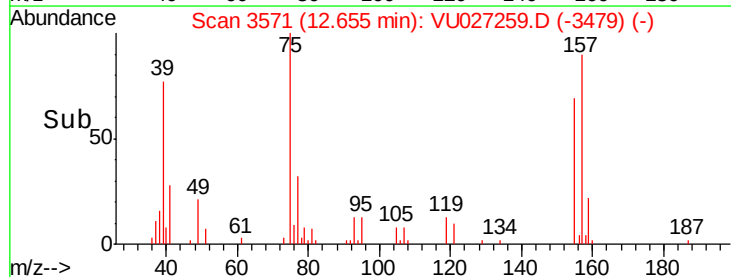
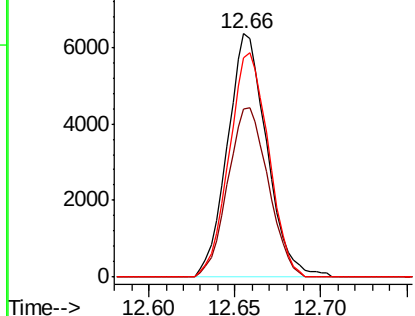


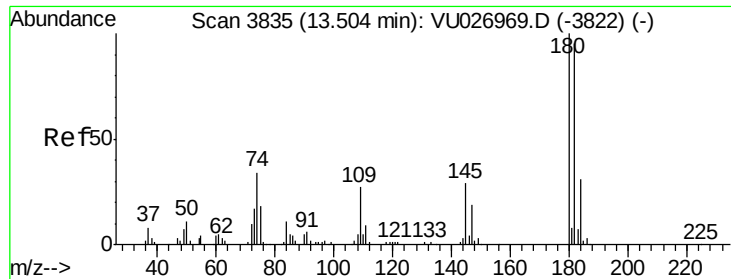
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.785 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion: 75 Resp: 10110
 Ion Ratio Lower Upper
 75 100
 155 71.3 36.6 109.8
 157 91.7 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

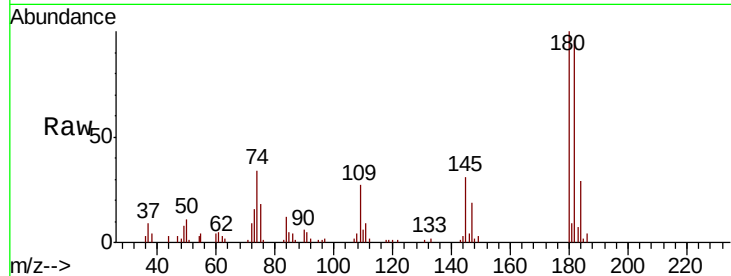




#93
 1,2,4-Trichlorobenzene
 Concen: 20.040 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	30.7	14.9	44.5

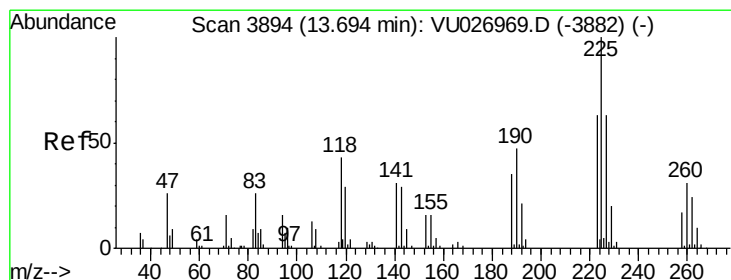
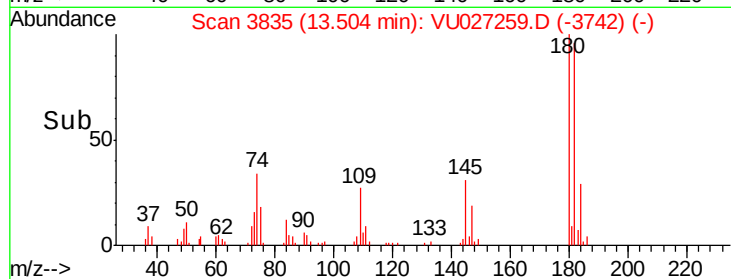
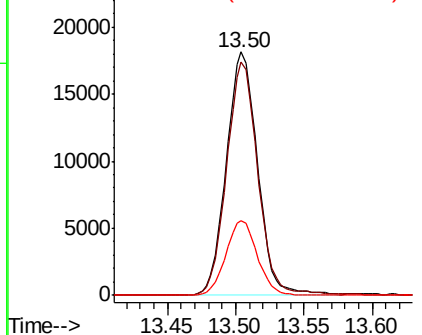


Abundance

Ion 179.80 (179.50 to 180.50): V

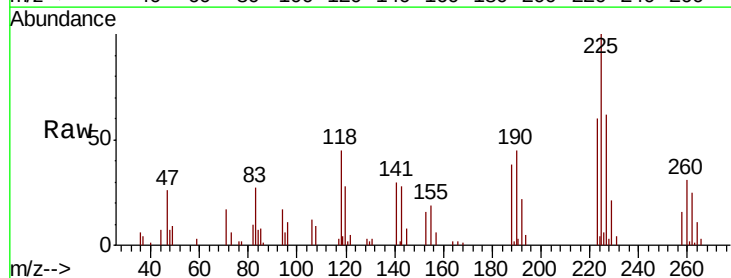
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.061 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027259.D
 Acq: 28 Sep 2018 10:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.7
227	64.4	32.1	96.5

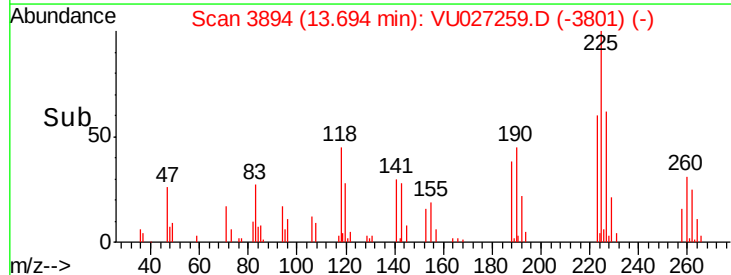
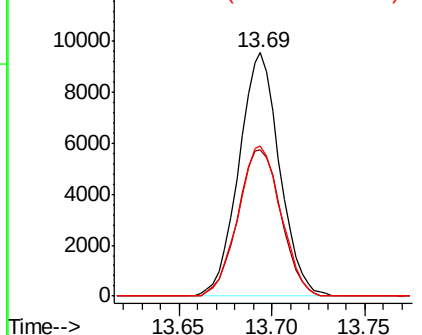


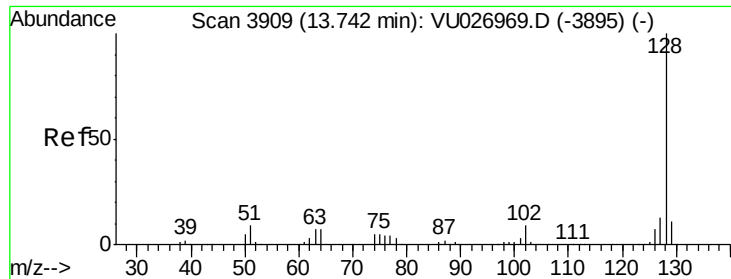
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

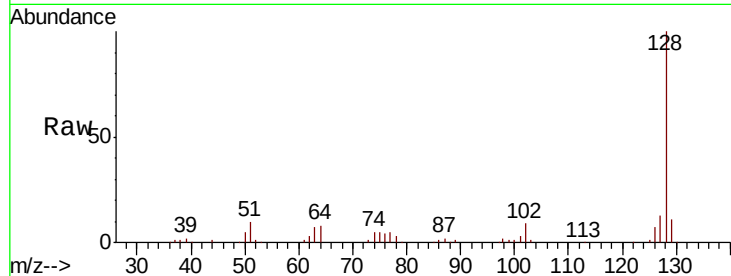




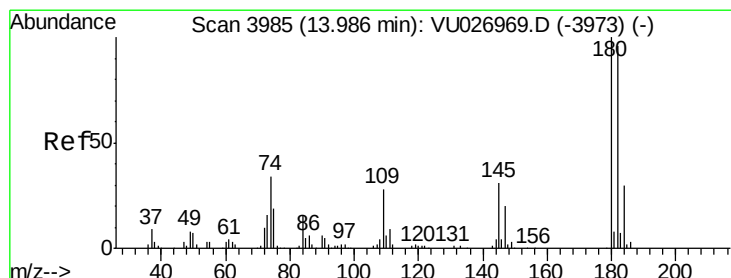
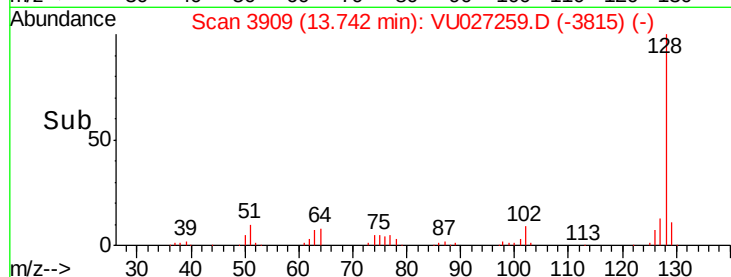
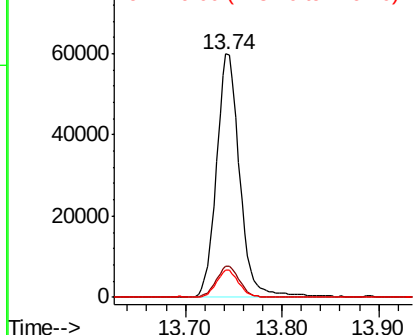
#95
Naphthalene
Concen: 18.855 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD02

Tot Ion:128 Resp: 100272
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.8 8.6 12.8

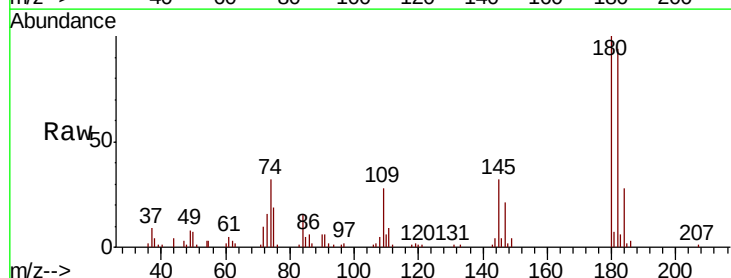


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.876 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027259.D
Acq: 28 Sep 2018 10:26

Tgt Ion:180 Resp: 30768
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 32.5 15.4 46.4



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

