

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027093.D
 Acq On : 24 Sep 2018 08:51
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Quant Time: Sep 25 01:32:26 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	4.98	168	84043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	139974	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	80198	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	4.88	113	56746	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
50) Toluene-d8	7.57	98	220265	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	10.31	95	80544	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	49904	45.479	ug/l	97
3) Chloromethane	1.33	50	84823	44.836	ug/l	99
4) Vinyl Chloride	1.40	62	81546	46.177	ug/l	98
5) Bromomethane	1.62	94	41978	41.742	ug/l	99
6) Chloroethane	1.69	64	52027	46.109	ug/l	99
7) Trichlorofluoromethane	1.88	101	94898	47.314	ug/l	97
8) Diethyl Ether	2.10	74	46363	48.024	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	58495	47.432	ug/l	99
10) Methyl Iodide	2.41	142	55248	36.121	ug/l	99
11) Tert butyl alcohol	2.82	59	87806	226.476	ug/l	99
12) 1,1-Dichloroethene	2.28	96	53787	46.338	ug/l	98
13) Acrolein	2.19	56	47807	228.743	ug/l	99
14) Allyl chloride	2.59	41	125771	53.422	ug/l	95
15) Acrylonitrile	2.93	53	237707	243.262	ug/l	98
16) Acetone	2.32	43	265591	298.830	ug/l	100
17) Carbon Disulfide	2.48	76	172359	45.581	ug/l	100
18) Methyl Acetate	2.61	43	122472	50.870	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	221078	51.829	ug/l	100
20) Methylene Chloride	2.70	84	68665	45.327	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	60164	48.546	ug/l	97
22) Diisopropyl ether	3.57	45	275569	54.724	ug/l	98
23) Vinyl Acetate	3.52	43	1173584	273.405	ug/l	99
24) 1,1-Dichloroethane	3.45	63	138760	50.032	ug/l	100
25) 2-Butanone	4.26	43	362614	255.089	ug/l	99
26) 2,2-Dichloropropane	4.23	77	111993	51.778	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	69008	49.306	ug/l	95
28) Bromochloromethane	4.55	49	70525	52.752	ug/l	94
29) Tetrahydrofuran	4.64	42	219545	255.307	ug/l	97
30) Chloroform	4.67	83	124910	48.520	ug/l	99
31) Cyclohexane	5.00	56	130387	51.738	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	104223	50.705	ug/l	98
36) 1,1-Dichloropropene	5.14	75	95533	51.139	ug/l	98
37) Ethyl Acetate	4.38	43	124945	49.406	ug/l	99
38) Carbon Tetrachloride	5.13	117	87824	49.402	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	112336	55.335	ug/l	98
40) Benzene	5.39	78	282118	49.677	ug/l	100
41) Methacrylonitrile	4.54	41	72962	55.552	ug/l	97
42) 1,2-Dichloroethane	5.41	62	108860	50.736	ug/l	99
43) Isopropyl Acetate	5.55	43	196209	53.200	ug/l	98
44) Trichloroethene	6.19	130	60600	50.124	ug/l	97
45) 1,2-Dichloropropane	6.43	63	82757	51.143	ug/l	97
46) Dibromomethane	6.56	93	48462	49.589	ug/l	98
47) Bromodichloromethane	6.76	83	98500	49.846	ug/l	99
48) Methyl methacrylate	6.62	41	99559	49.605	ug/l	98
49) 1,4-Dioxane	6.61	88	37479	940.027	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	657094	264.904	ug/l	99
52) Toluene	7.64	92	169652	52.117	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	116574	54.906	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	125171	53.618	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	68539	49.690	ug/l	99
56) Ethyl methacrylate	8.02	69	115306	48.259	ug/l	97
57) 1,3-Dichloropropane	8.24	76	131627	51.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	347248	255.554	ug/l	98
59) 2-Hexanone	8.36	43	513284	264.351	ug/l	100
60) Dibromochloromethane	8.48	129	68555	50.670	ug/l	97
61) 1,2-Dibromoethane	8.59	107	71605	49.894	ug/l	99
64) Tetrachloroethene	8.23	164	51506	48.530	ug/l	97
65) Chlorobenzene	9.12	112	173997	47.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	62591	49.759	ug/l	99
67) Ethyl Benzene	9.25	91	321549	53.545	ug/l	99
68) m/p-Xylenes	9.38	106	238915	98.263	ug/l	97
69) o-Xylene	9.78	106	114640	53.879	ug/l	98
70) Styrene	9.79	104	192680	48.554	ug/l	99
71) Bromoform	9.96	173	50539	51.956	ug/l #	99
73) Isopropylbenzene	10.17	105	314200	54.164	ug/l	99
74) N-amyl acetate	10.01	43	179407	53.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	121541	45.570	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	147121	63.504	ug/l	83
77) Bromobenzene	10.45	156	69377	48.941	ug/l	95
78) n-propylbenzene	10.59	91	388158	56.551	ug/l	99
79) 2-Chlorotoluene	10.66	91	224636	52.103	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	265630	55.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	147121	203.223	ug/l #	100
82) 4-Chlorotoluene	10.77	91	262487	54.297	ug/l	98
83) tert-Butylbenzene	11.10	119	250859	52.988	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	271830	55.780	ug/l	99
85) sec-Butylbenzene	11.32	105	323296	55.943	ug/l	99
86) p-Isopropyltoluene	11.48	119	277103	51.080	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	130999	49.660	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	132912	46.230	ug/l	99
89) n-Butylbenzene	11.89	91	268069	50.948	ug/l	99
90) Hexachloroethane	12.15	117	51422	48.931	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	132046	47.124	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26875	49.393	ug/l	96

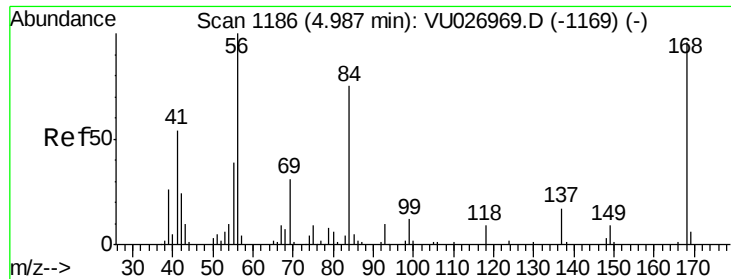
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	86598	53.629	ug/l	98
94) Hexachlorobutadiene	13.69	225	44059	51.567	ug/l	99
95) Naphthalene	13.74	128	297302	47.188	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	90754	52.409	ug/l	99

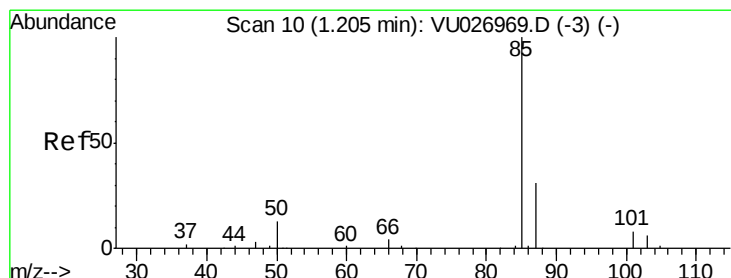
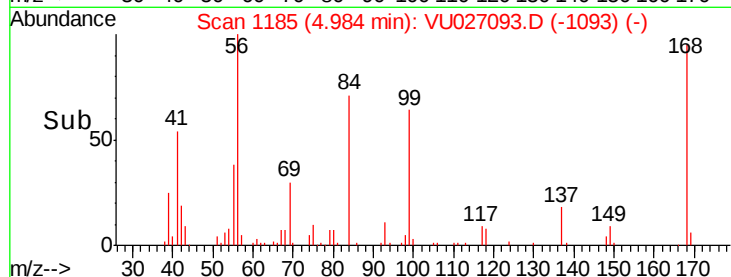
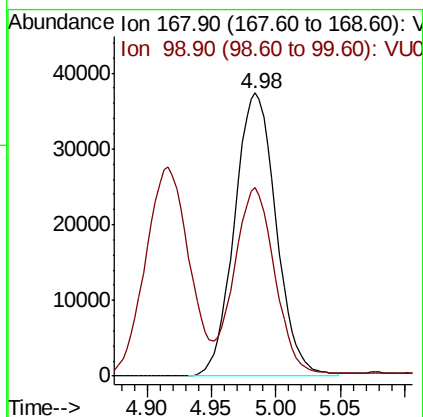
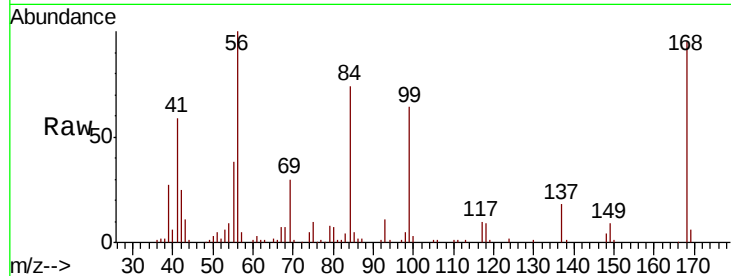
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

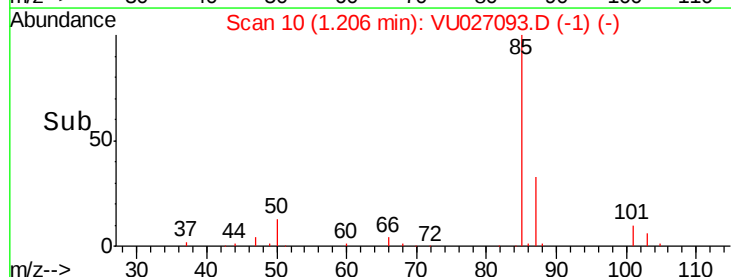
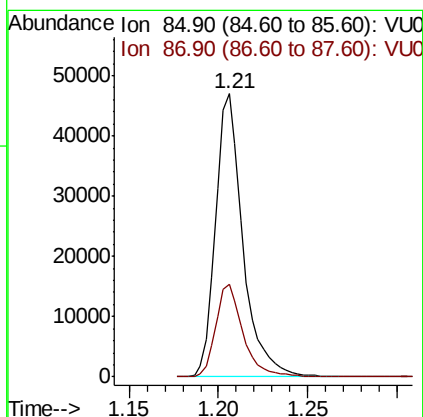
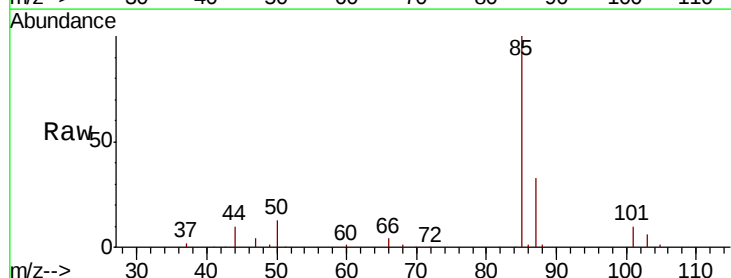
Instrument :
MSVOA_U
ClientSampleId :
BFB45

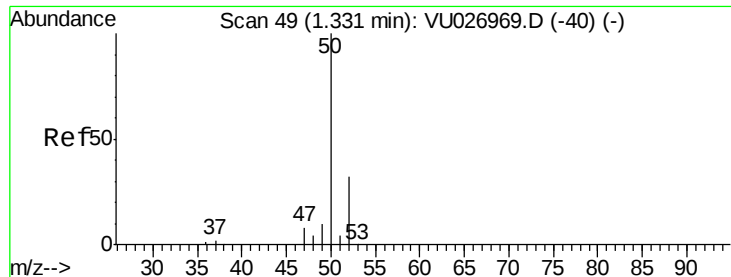
Tgt Ion:168 Resp: 84043
Ion Ratio Lower Upper
168 100
99 65.9 48.1 72.1



#2
Dichlorodifluoromethane
Concen: 45.479 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 85 Resp: 49904
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.7





#3

Chloromethane

Concen: 44.836 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

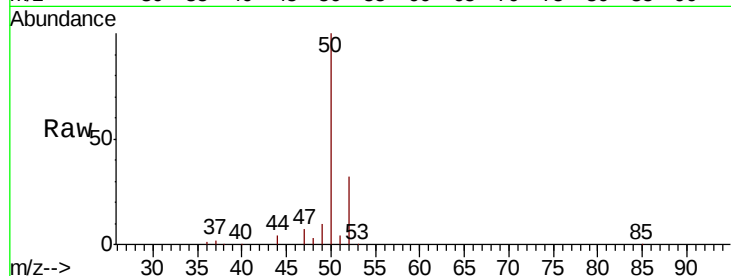
BFB45

Tgt Ion: 50 Resp: 84823

Ion Ratio Lower Upper

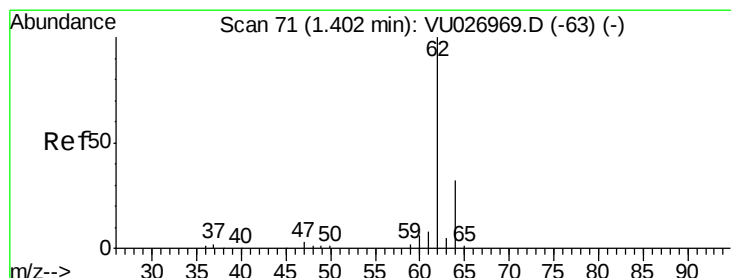
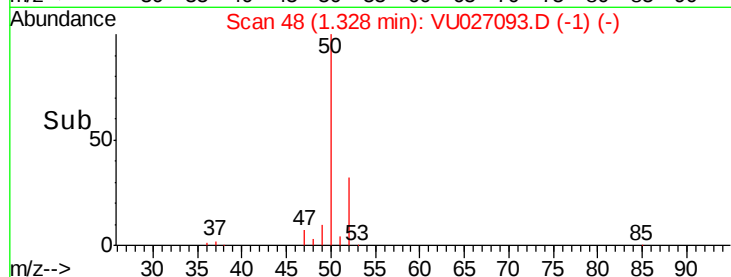
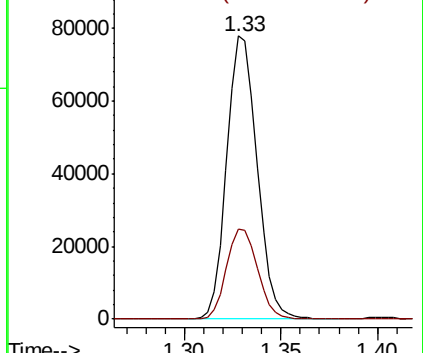
50 100

52 31.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 46.177 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027093.D

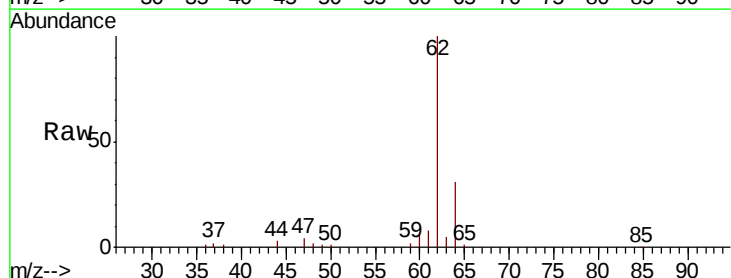
Acq: 24 Sep 2018 08:51

Tgt Ion: 62 Resp: 81546

Ion Ratio Lower Upper

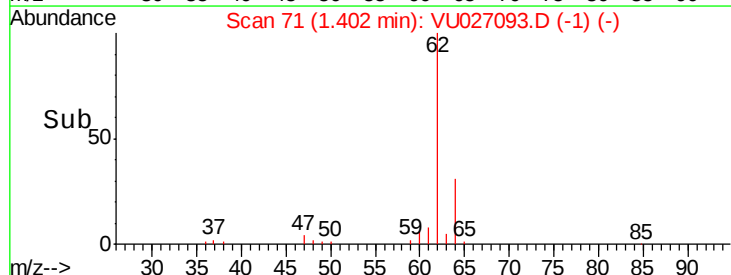
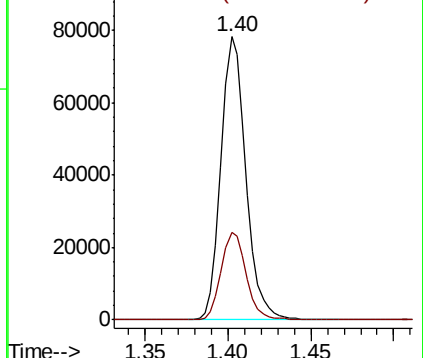
62 100

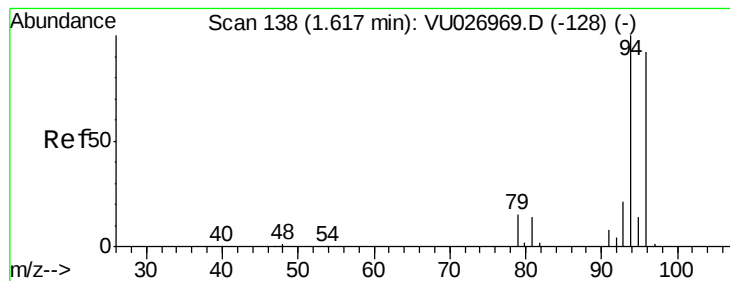
64 30.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 41.742 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

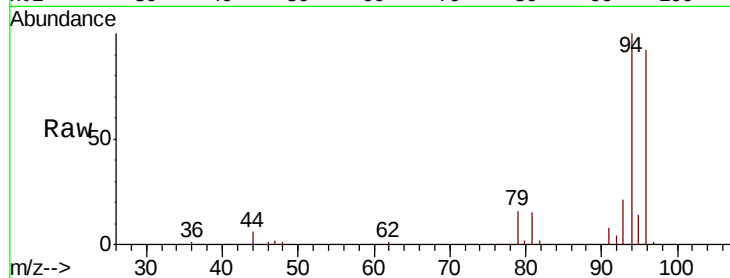
BFB45

Tgt Ion: 94 Resp: 41978

Ion Ratio Lower Upper

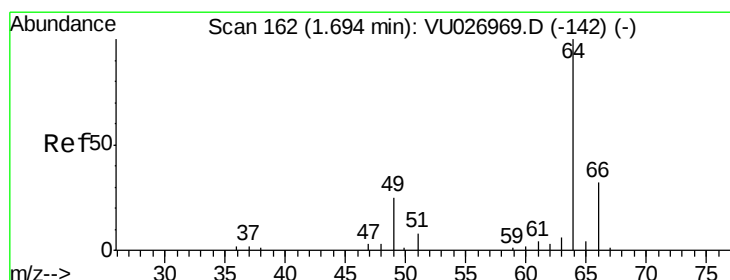
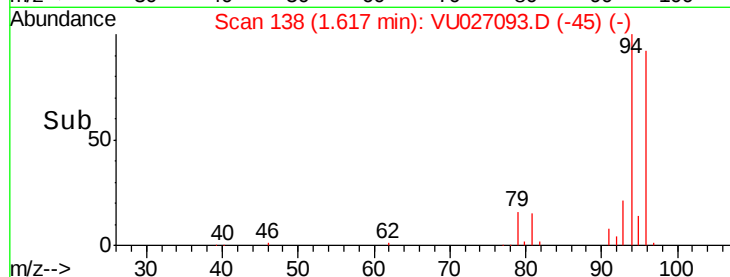
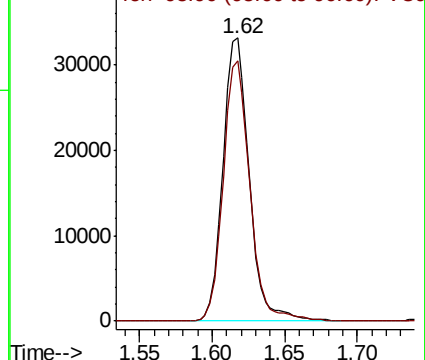
94 100

96 92.1 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: 46.109 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027093.D

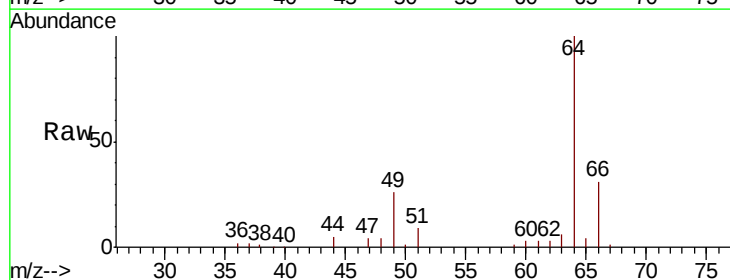
Acq: 24 Sep 2018 08:51

Tgt Ion: 64 Resp: 52027

Ion Ratio Lower Upper

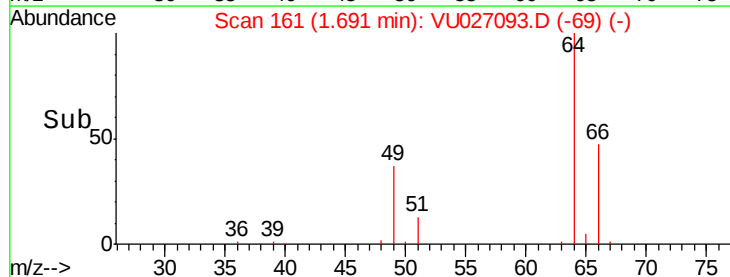
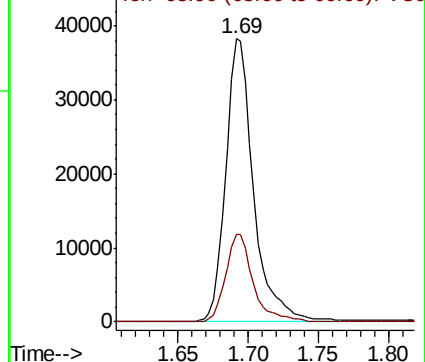
64 100

66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



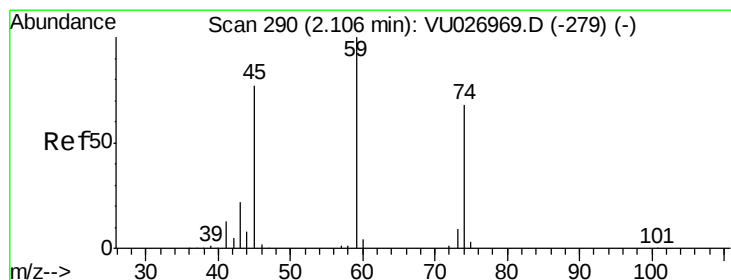
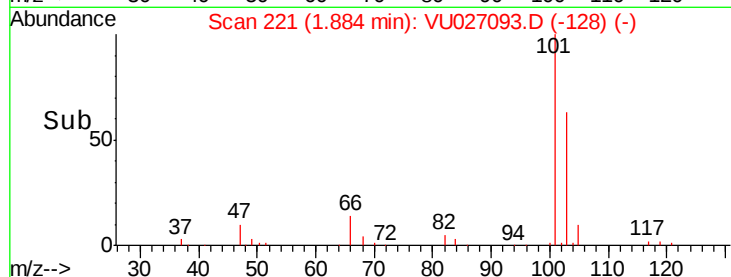
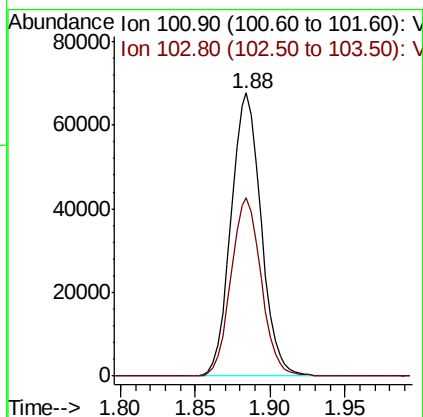
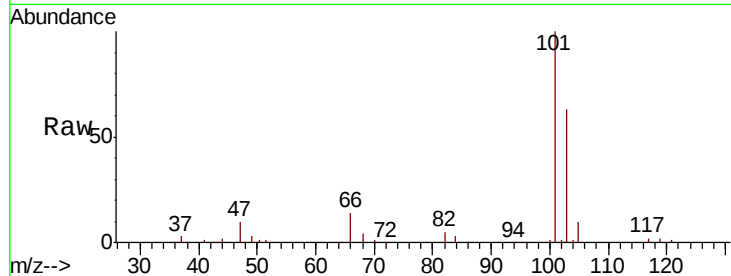


#7

Trichlorofluoromethane
 Concen: 47.314 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

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 ClientSampleId :
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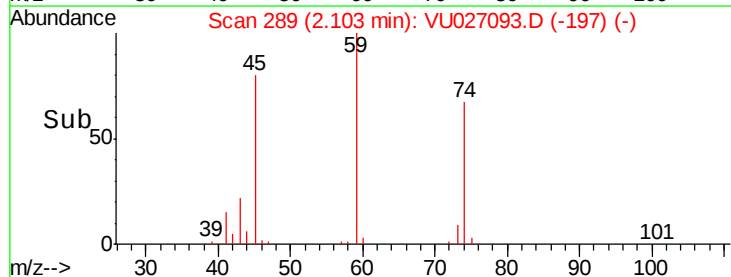
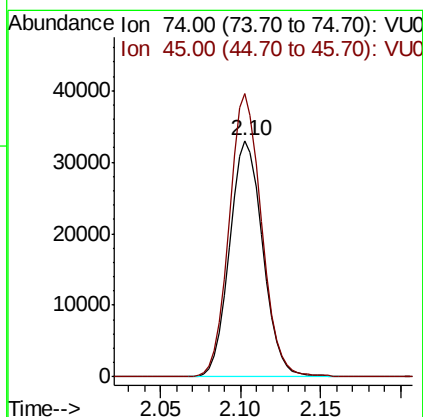
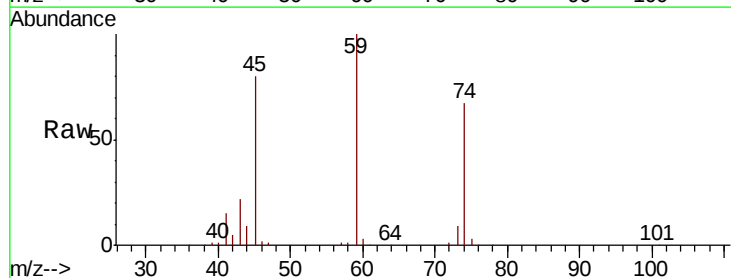
Tgt Ion: 101 Resp: 94898
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.2

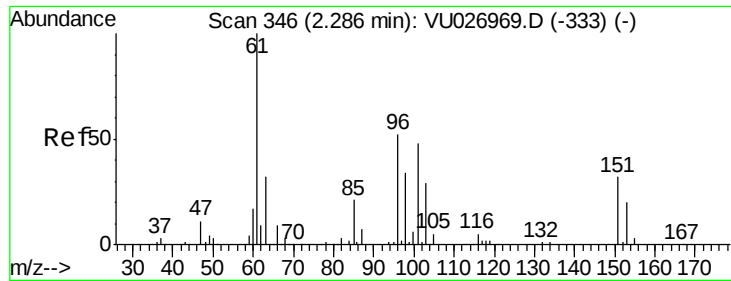


#8

Diethyl Ether
 Concen: 48.024 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 74 Resp: 46363
 Ion Ratio Lower Upper
 74 100
 45 117.6 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.432 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

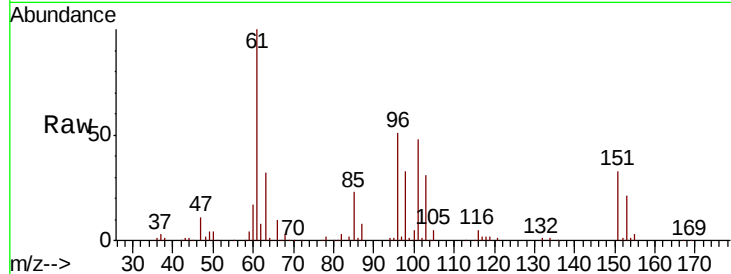
Tgt Ion:101 Resp: 58495

Ion Ratio Lower Upper

101 100

85 46.0 36.2 54.2

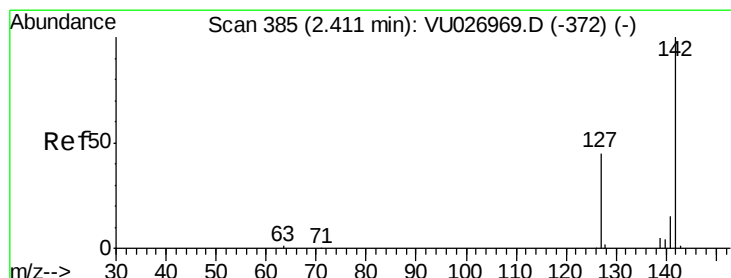
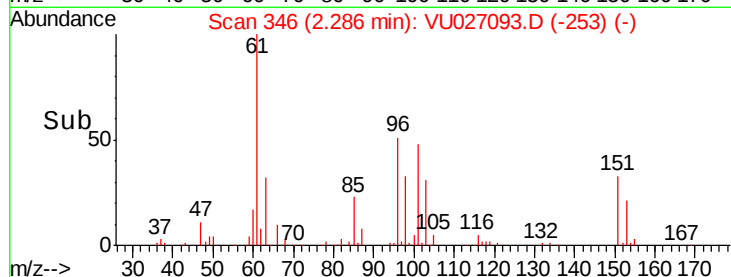
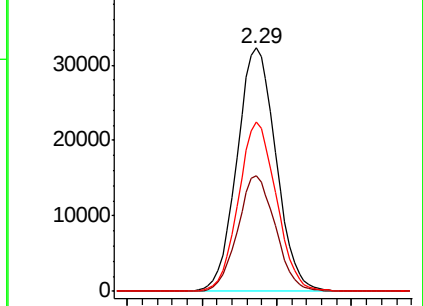
151 67.6 54.5 81.7



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: 36.121 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

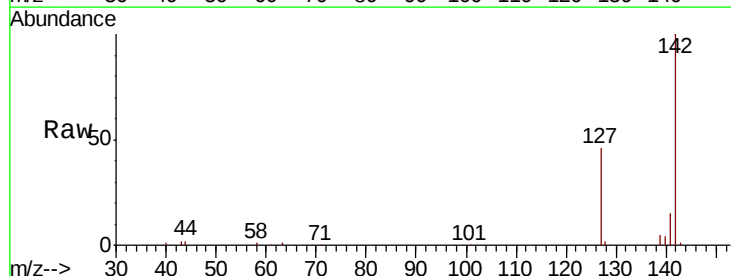
Tgt Ion:142 Resp: 55248

Ion Ratio Lower Upper

142 100

127 46.8 36.7 55.1

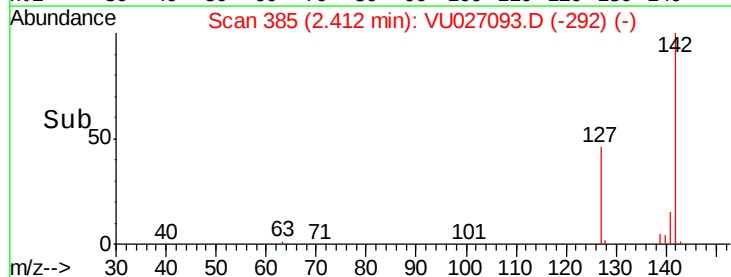
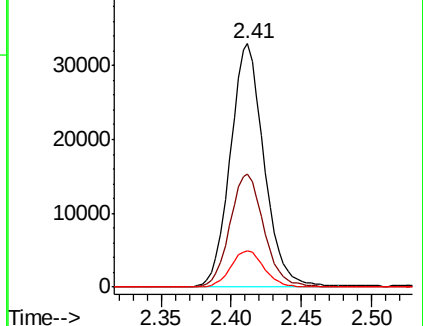
141 14.9 11.8 17.6

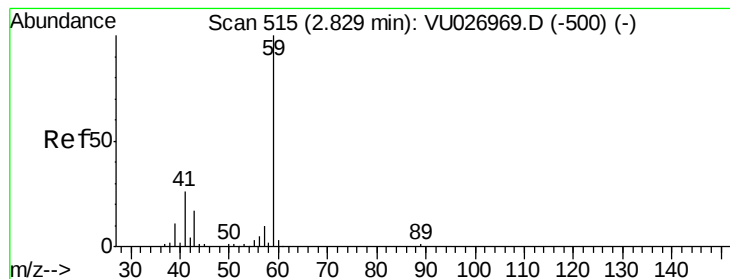


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



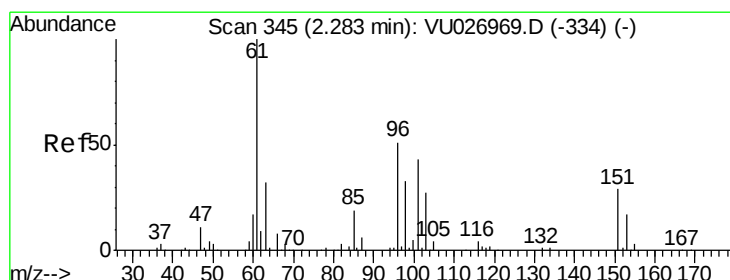
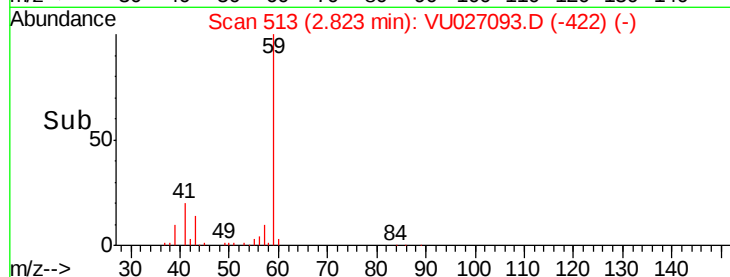
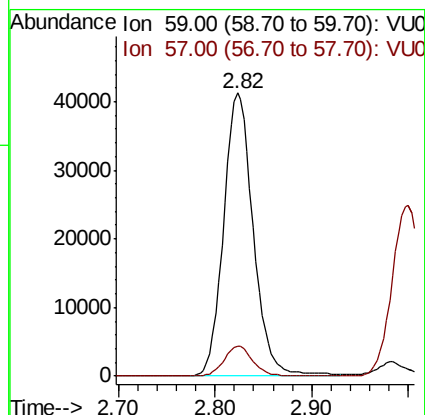
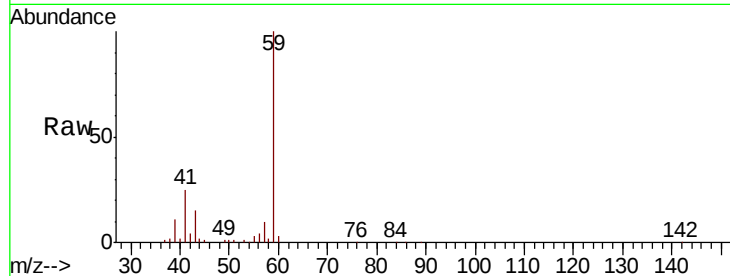


#11

Tert butyl alcohol
 Concen: 226.476 ug/l
 RT: 2.82 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

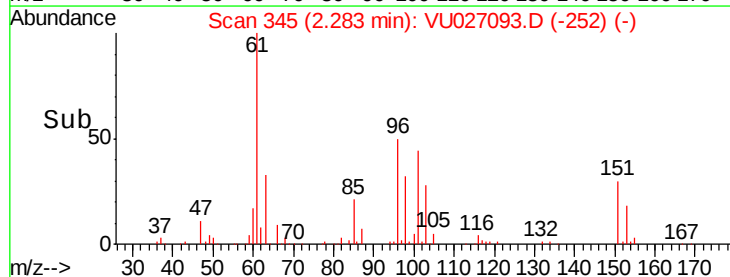
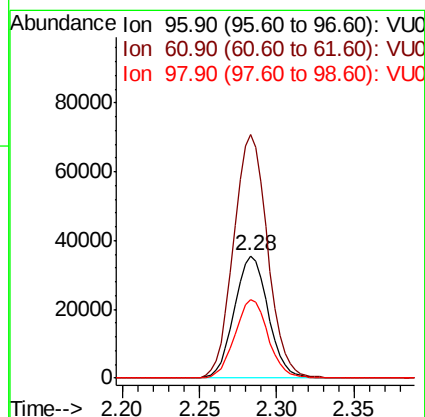
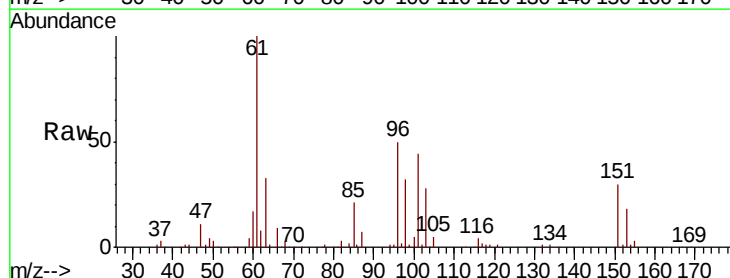
Tgt Ion: 59 Resp: 87806
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

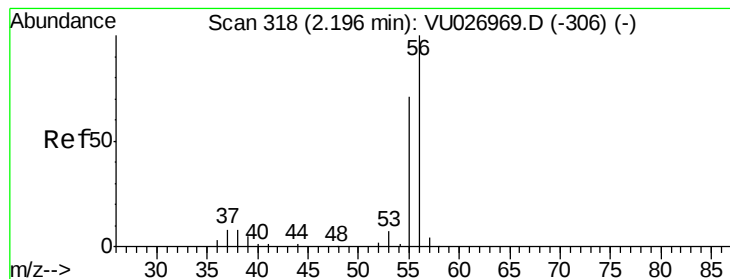


#12

1,1-Dichloroethene
 Concen: 46.338 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 96 Resp: 53787
 Ion Ratio Lower Upper
 96 100
 61 199.3 156.1 234.1
 98 64.7 51.4 77.0





#13

Acrolein

Concen: 228.743 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

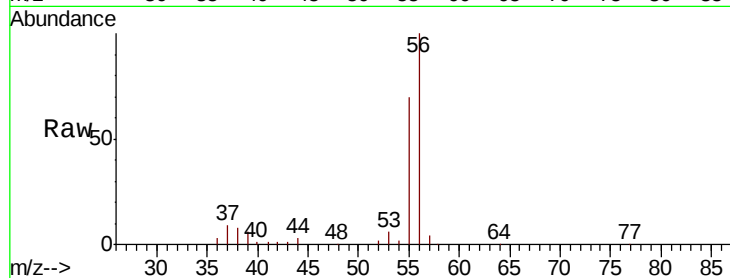
BFB45

Tgt Ion: 56 Resp: 47807

Ion Ratio Lower Upper

56 100

55 71.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-306) (-)

2.19

30000

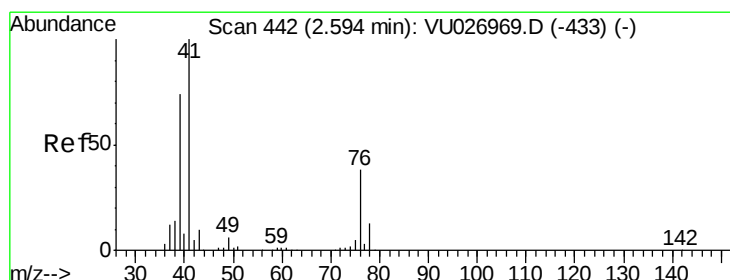
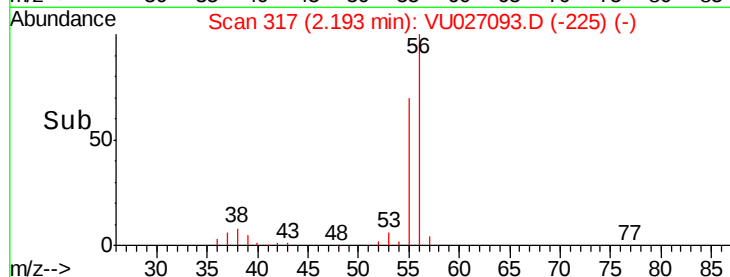
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 53.422 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

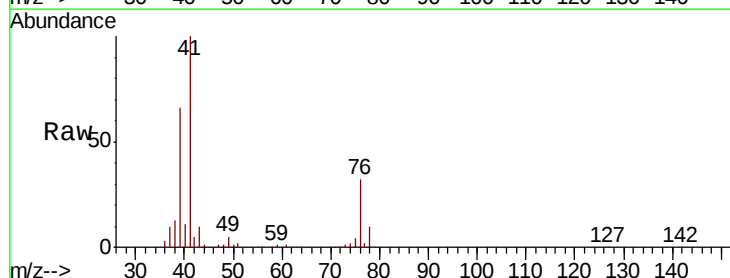
Tgt Ion: 41 Resp: 125771

Ion Ratio Lower Upper

41 100

39 64.9 55.7 83.5

76 31.8 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.59

100000

80000

60000

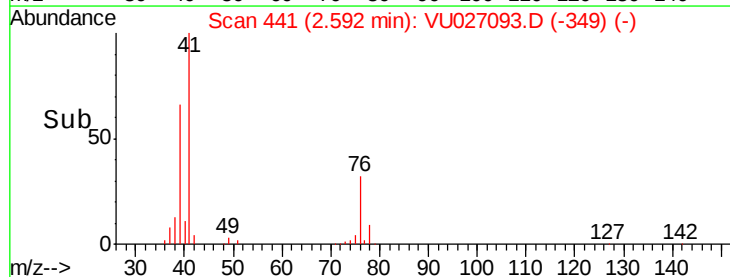
40000

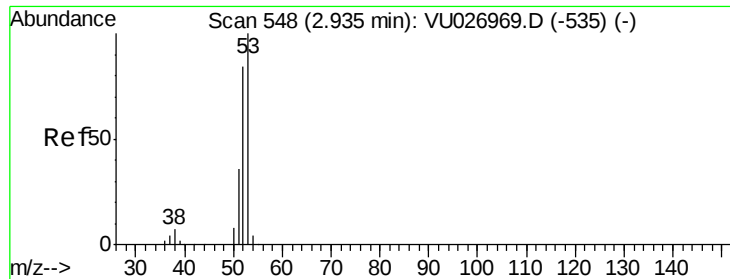
20000

0

Time-->

2.55 2.60 2.65 2.70

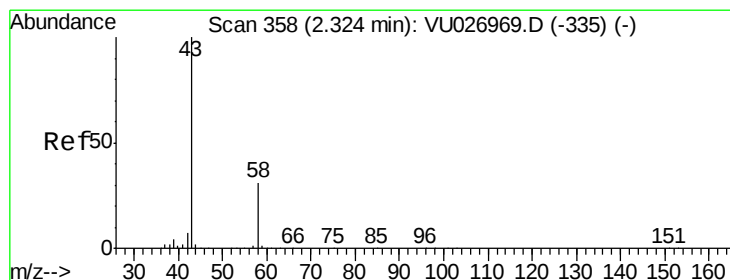
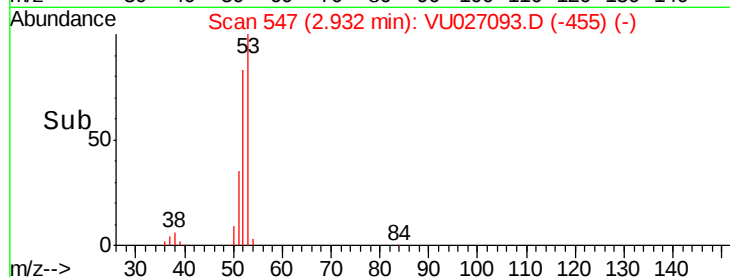
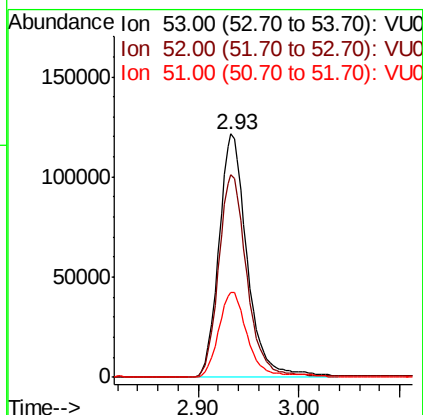
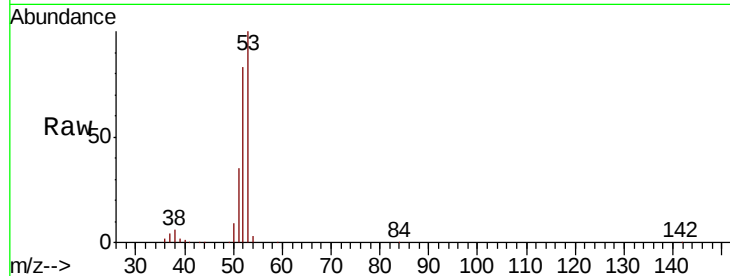




#15
Acrylonitrile
Concen: 243.262 ug/l
RT: 2.93 min Scan# 547
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

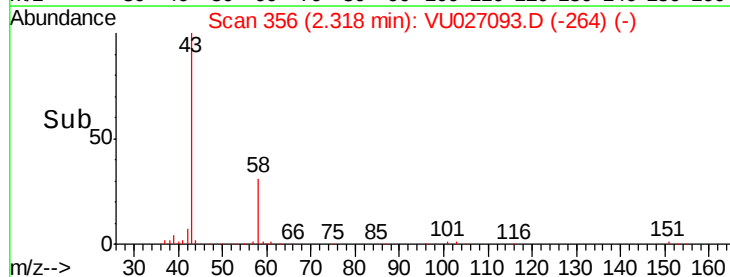
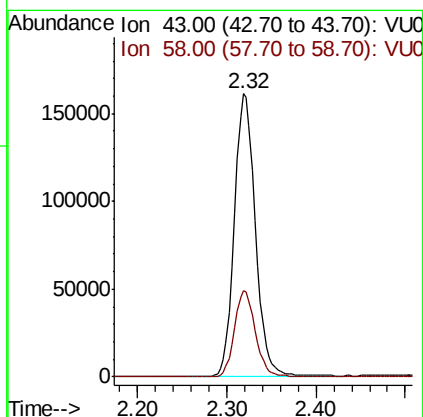
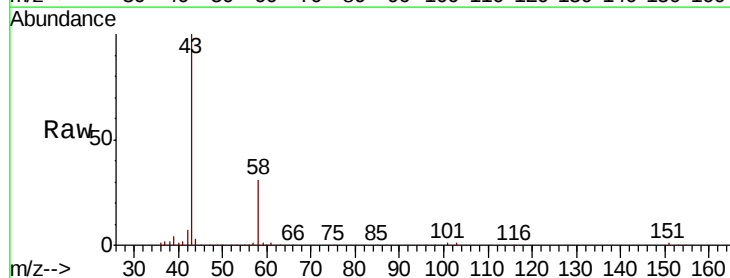
Instrument :
MSVOA_U
ClientSampleId :
BFB45

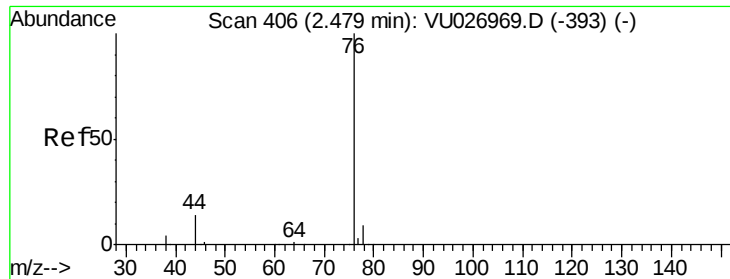
Tgt Ion: 53 Resp: 237707
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 36.5 27.4 41.2



#16
Acetone
Concen: 298.830 ug/l
RT: 2.32 min Scan# 356
Delta R.T. -0.01 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 43 Resp: 265591
Ion Ratio Lower Upper
43 100
58 30.6 24.6 36.8

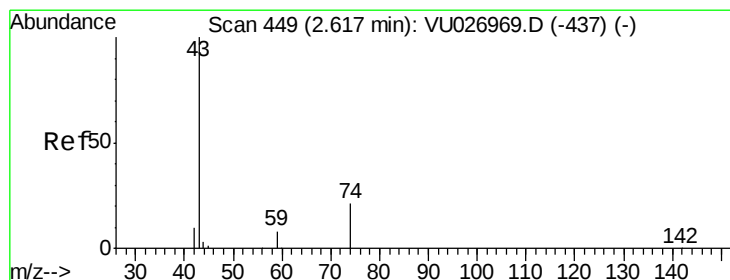
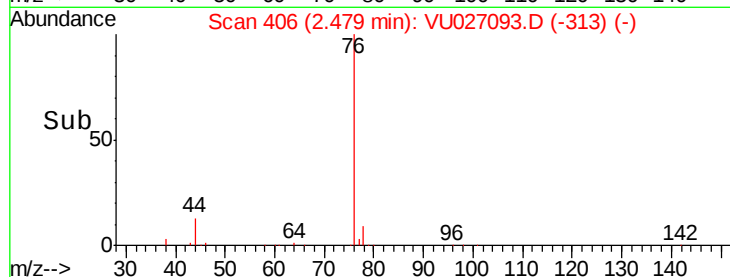
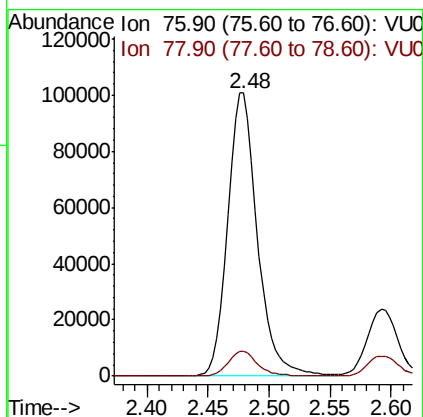
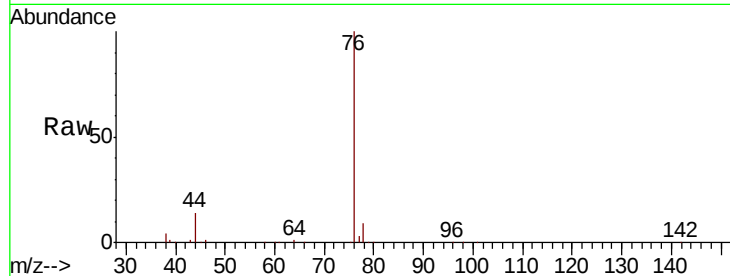




#17
Carbon Disulfide
Concen: 45.581 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

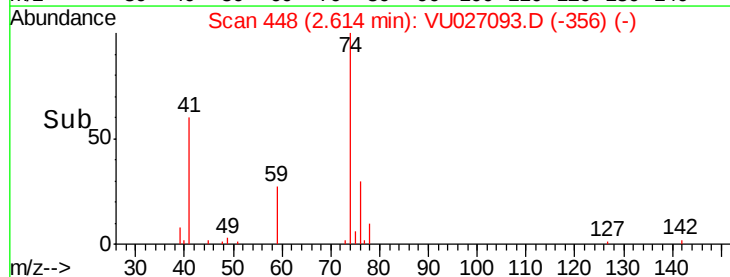
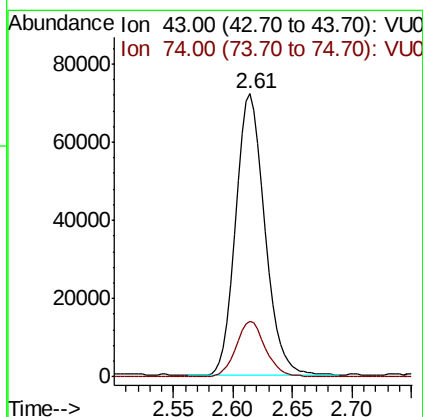
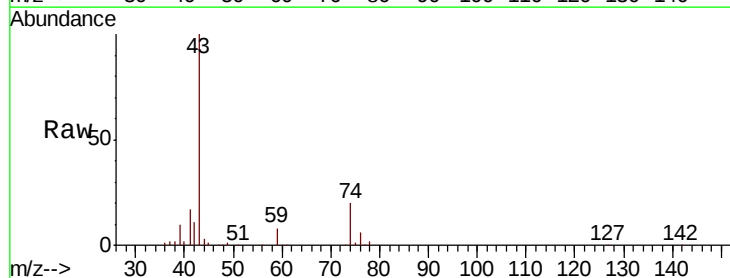
Instrument :
MSVOA_U
ClientSampleId :
BFB45

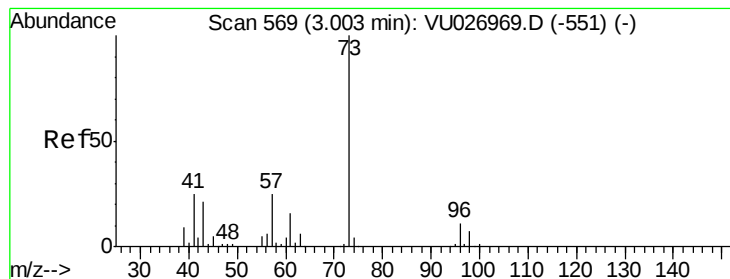
Tgt Ion: 76 Resp: 172359
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 50.870 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 43 Resp: 122472
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 51.829 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampled :

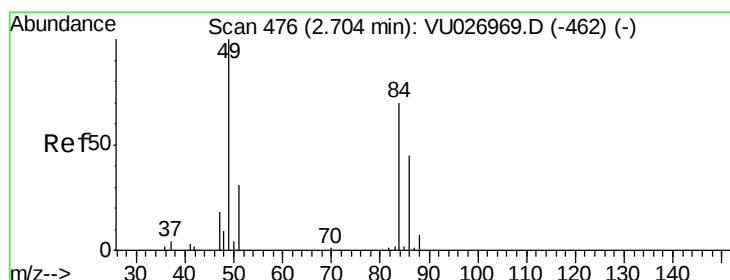
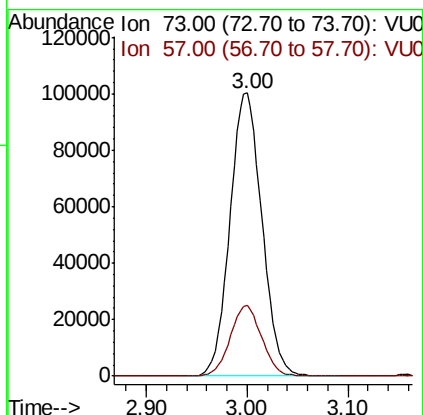
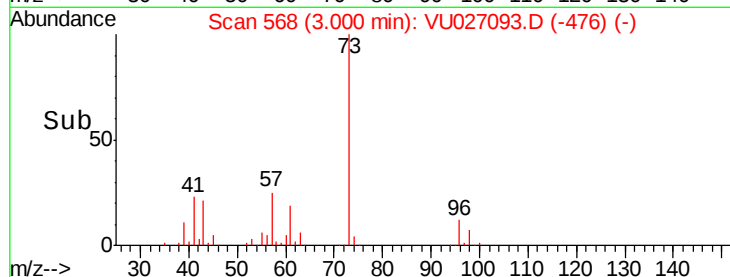
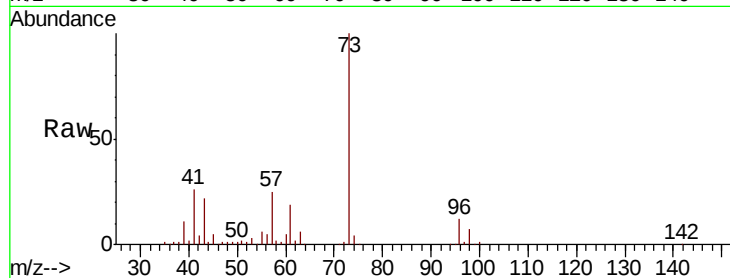
BFB45

Tgt Ion: 73 Resp: 221078

Ion Ratio Lower Upper

73 100

57 24.9 19.8 29.6



#20

Methylene Chloride

Concen: 45.327 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Tgt Ion: 84 Resp: 68665

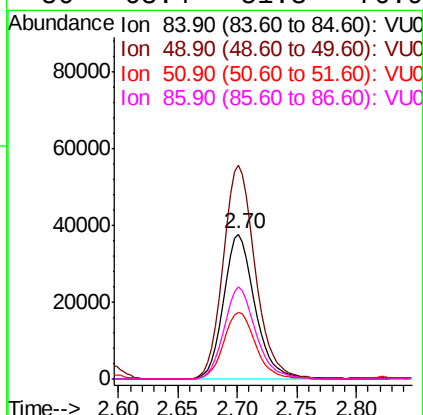
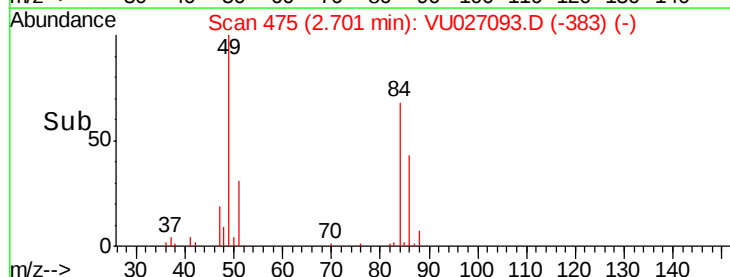
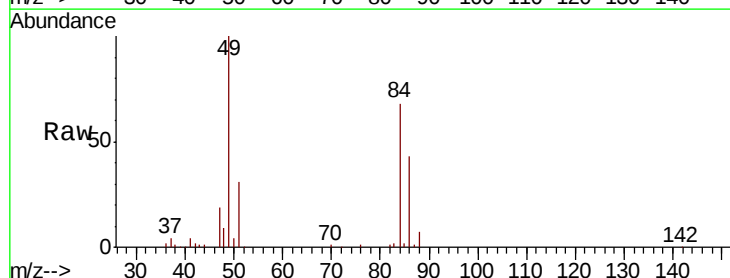
Ion Ratio Lower Upper

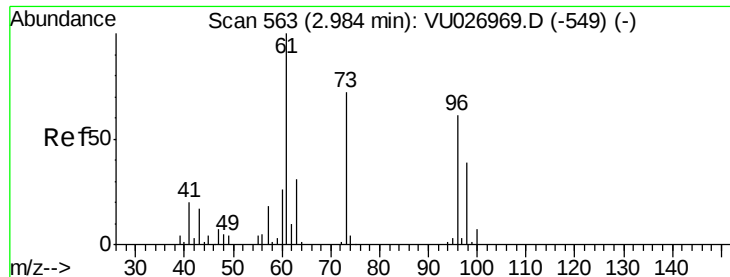
84 100

49 147.3 114.9 172.3

51 46.2 35.8 53.8

86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.546 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

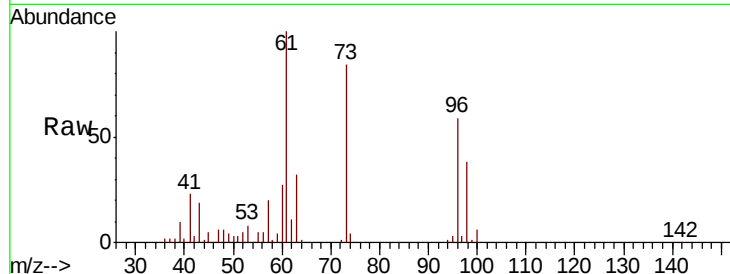
Tgt Ion: 96 Resp: 60164

Ion Ratio Lower Upper

96 100

61 169.3 131.8 197.6

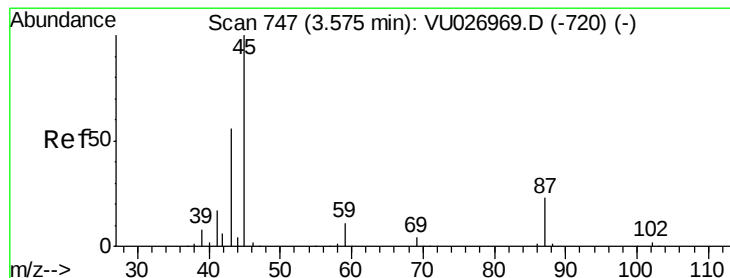
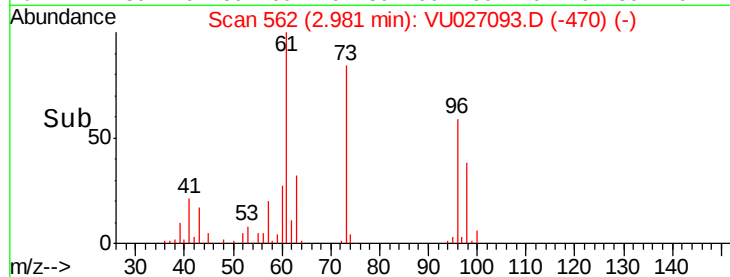
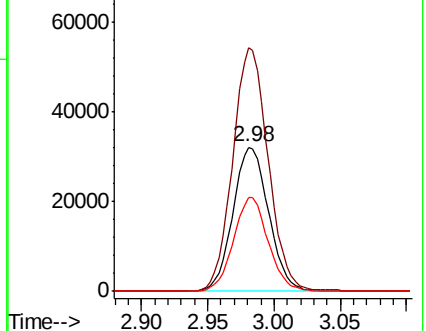
98 64.9 50.9 76.3



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: 54.724 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.01 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Tgt Ion: 45 Resp: 275569

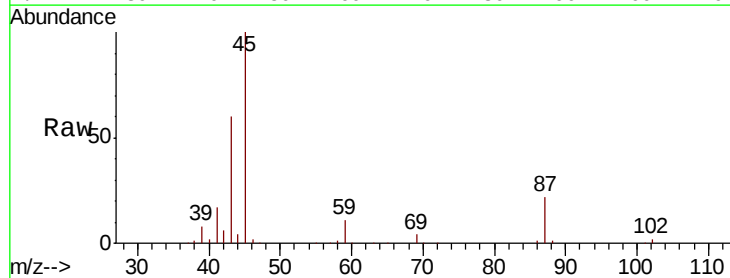
Ion Ratio Lower Upper

45 100

43 58.1 45.8 68.6

87 21.8 18.6 28.0

59 10.9 9.0 13.4

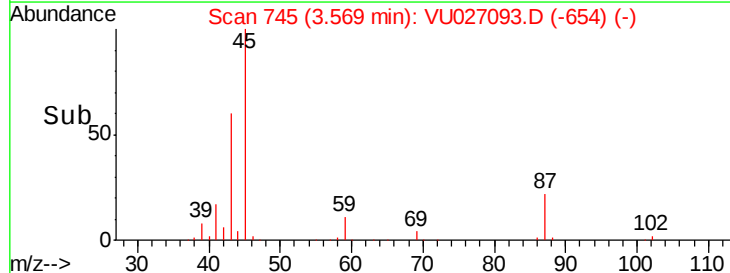
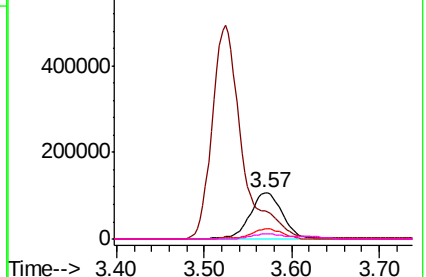


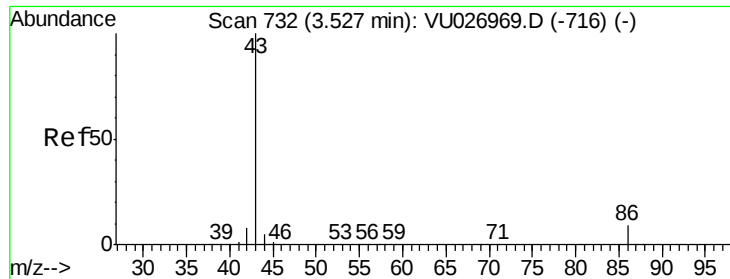
Abundance Ion 45.00 (44.70 to 45.70): VU0

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: 273.405 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampled :

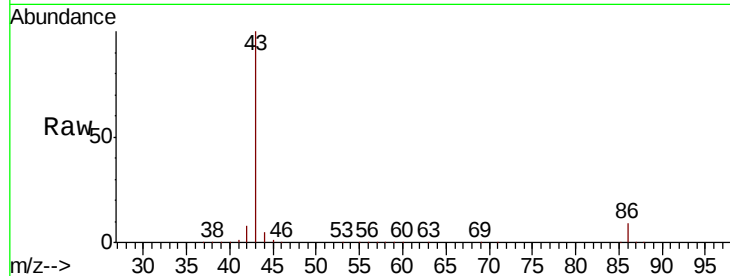
BFB45

Tgt Ion: 43 Resp: 1173584

Ion Ratio Lower Upper

43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027093.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027093.D (-639) (-)

3.52

500000

400000

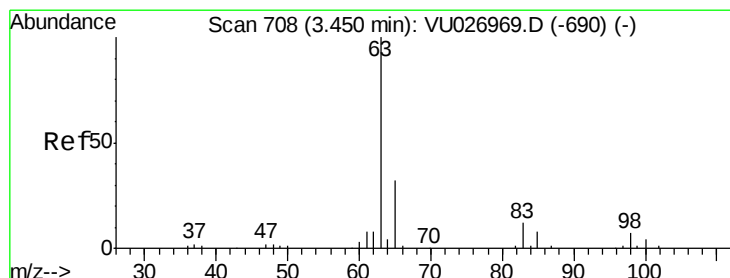
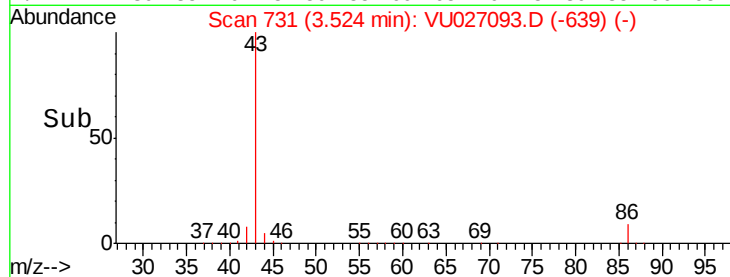
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.032 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

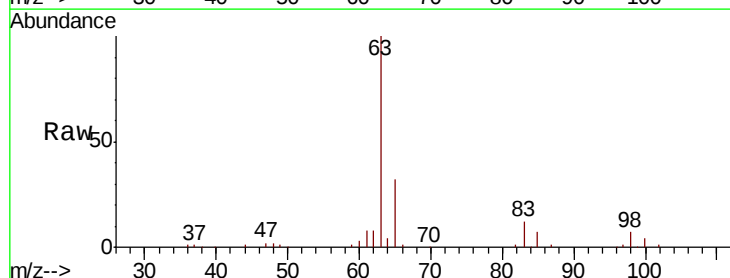
Tgt Ion: 63 Resp: 138760

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027093.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027093.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027093.D (-615) (-)

3.45

80000

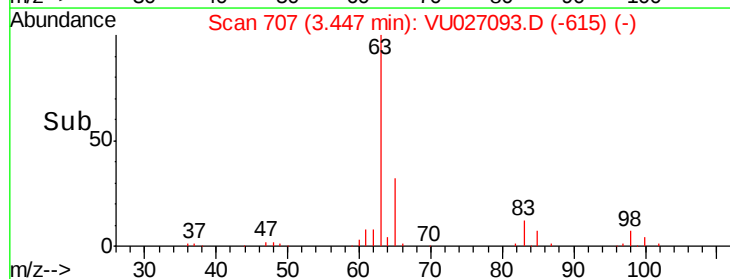
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.089 ug/l

RT: 4.26 min Scan# 959

Delta R.T. -0.01 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

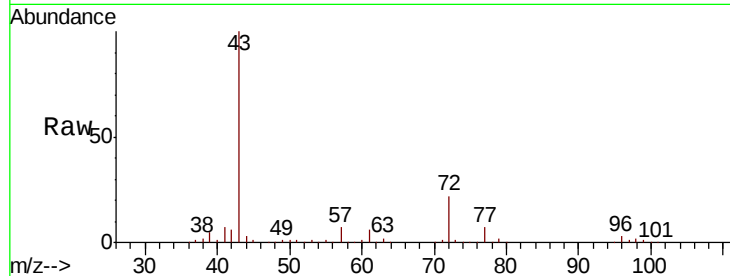
BFB45

Tgt Ion: 43 Resp: 362614

Ion Ratio Lower Upper

43 100

72 22.4 18.4 27.6



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

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

4.26

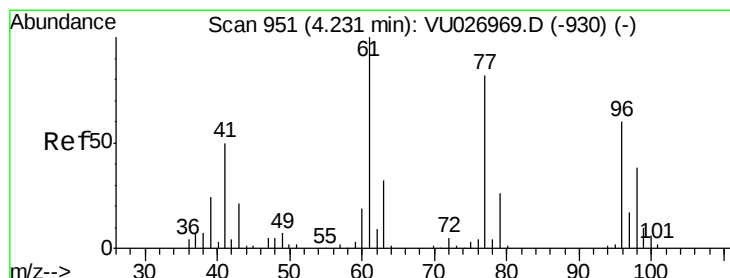
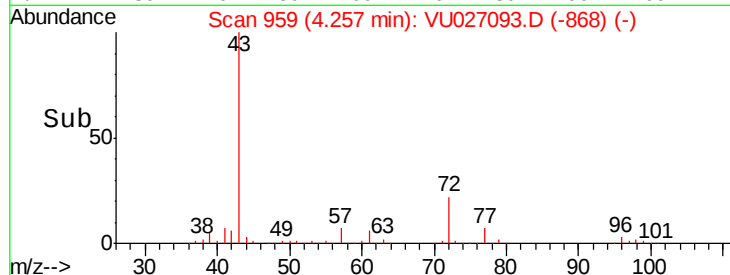
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.778 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027093.D

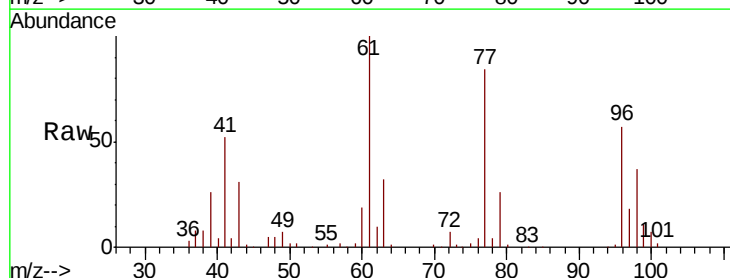
Acq: 24 Sep 2018 08:51

Tgt Ion: 77 Resp: 111993

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.5



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

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

4.23

40000

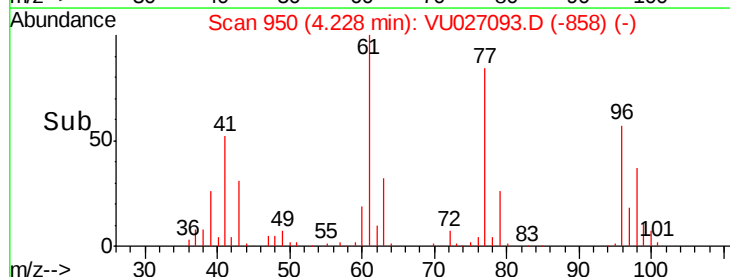
30000

20000

10000

0

Time-->



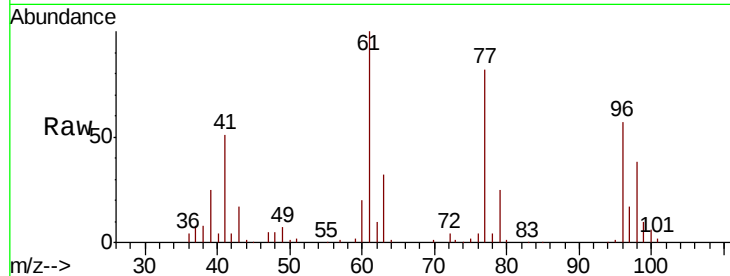


#27

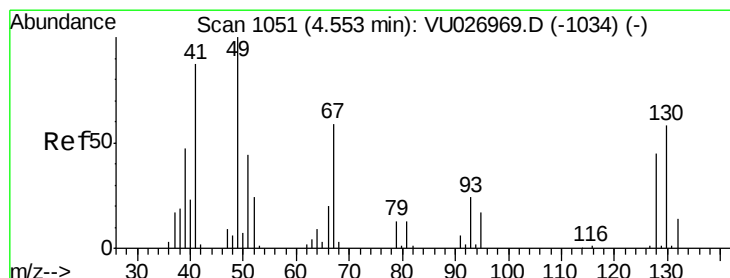
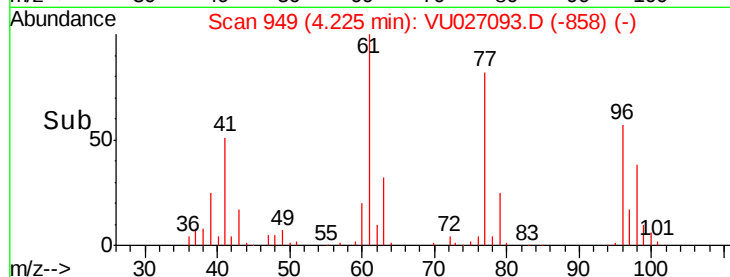
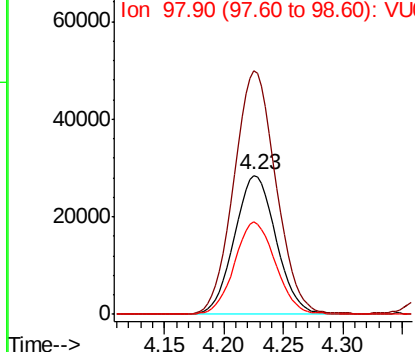
cis-1,2-Dichloroethene
 Concen: 49.306 ug/l
 RT: 4.23 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion: 96 Resp: 69008
 Ion Ratio Lower Upper
 96 100
 61 177.8 0.0 337.2
 98 65.5 0.0 127.6



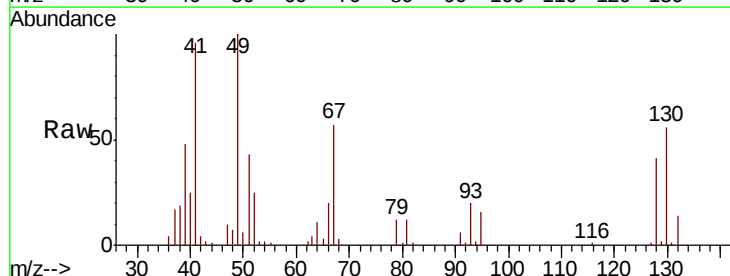
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



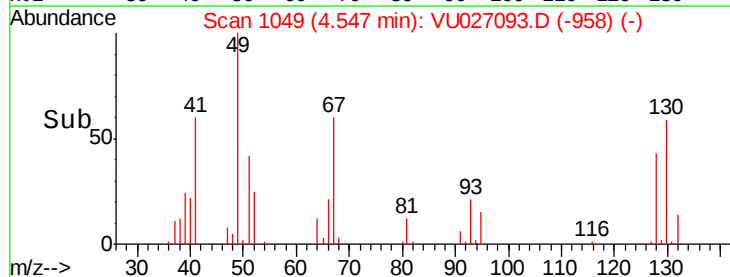
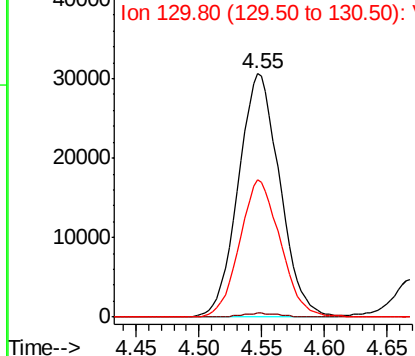
#28

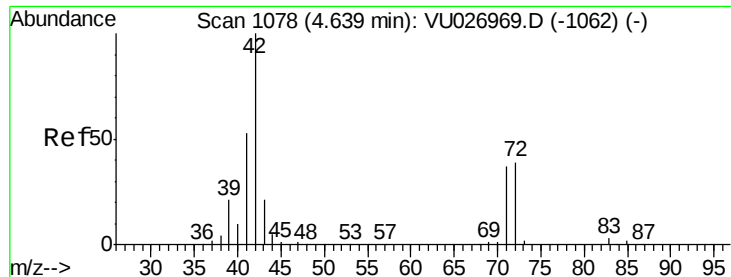
Bromochloromethane
 Concen: 52.752 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 49 Resp: 70525
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 55.5 47.8 71.8



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





#29

Tetrahydrofuran

Concen: 255.307 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

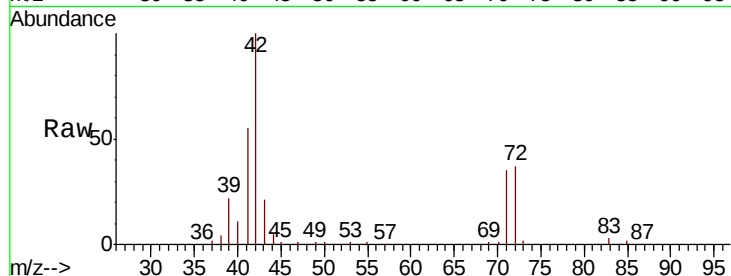
Tgt Ion: 42 Resp: 219545

Ion Ratio Lower Upper

42 100

72 37.6 31.7 47.5

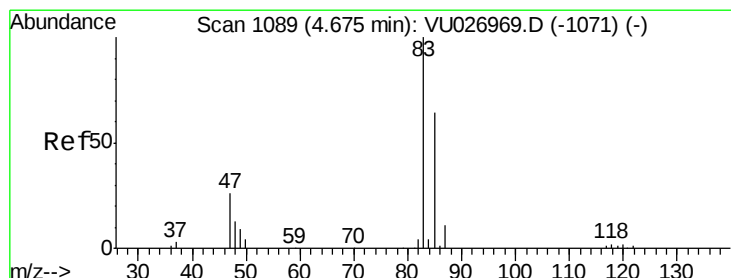
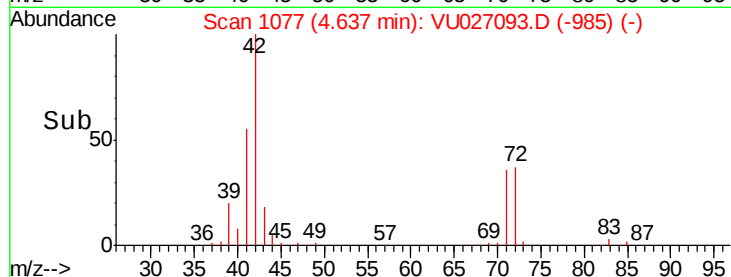
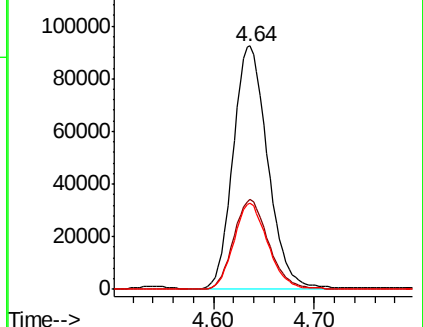
71 35.0 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU027093.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027093.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027093.D (-985) (-)



#30

Chloroform

Concen: 48.520 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VU027093.D

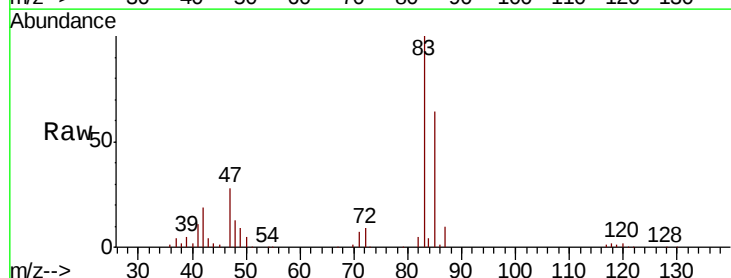
Acq: 24 Sep 2018 08:51

Tgt Ion: 83 Resp: 124910

Ion Ratio Lower Upper

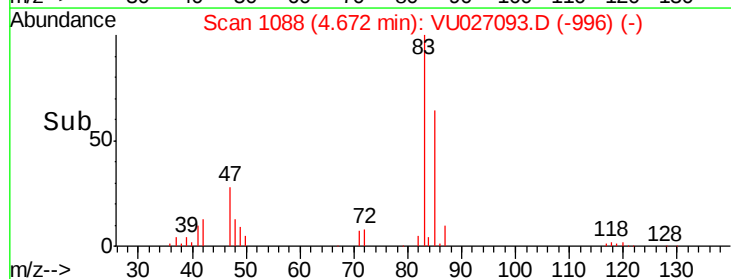
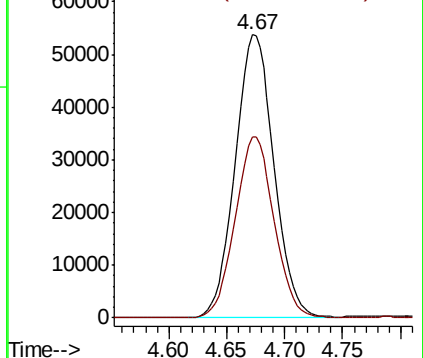
83 100

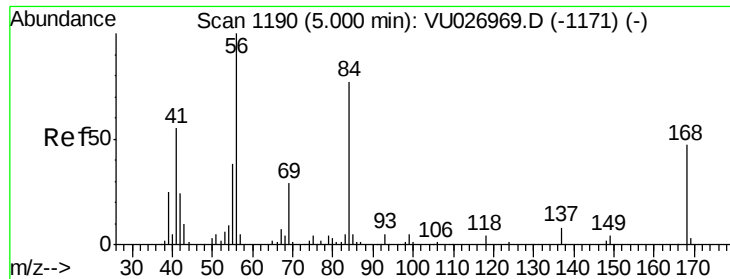
85 64.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU027093.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027093.D (-996) (-)

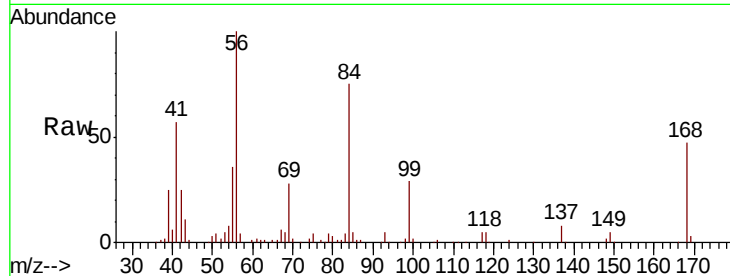




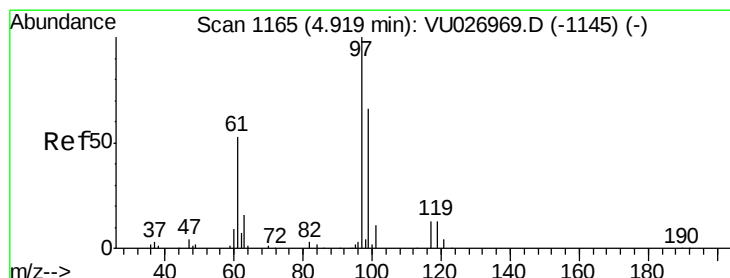
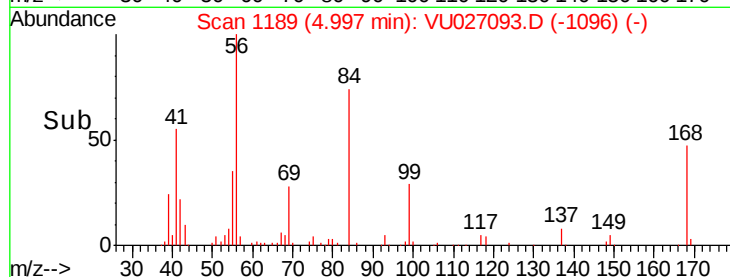
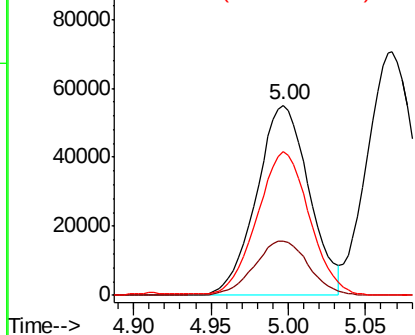
#31
Cyclohexane
Concen: 51.738 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion: 56 Resp: 130387
Ion Ratio Lower Upper
56 100
69 28.4 23.0 34.4
84 74.8 61.4 92.2

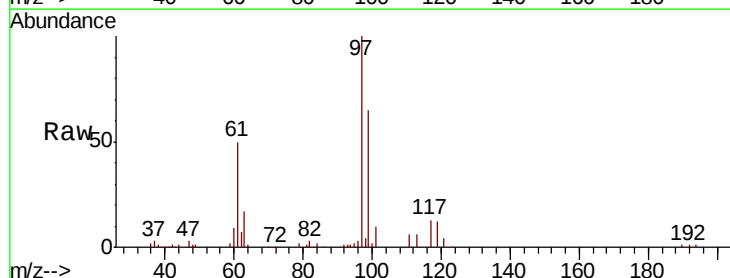


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

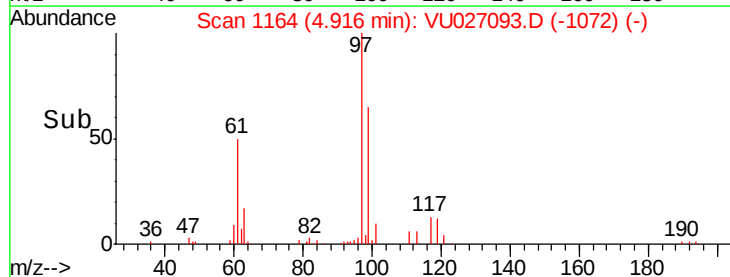
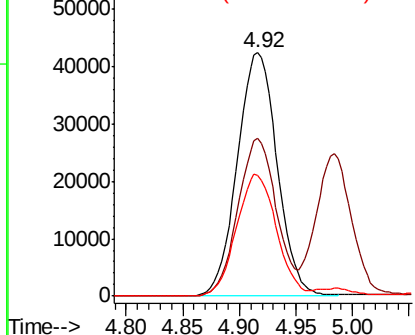


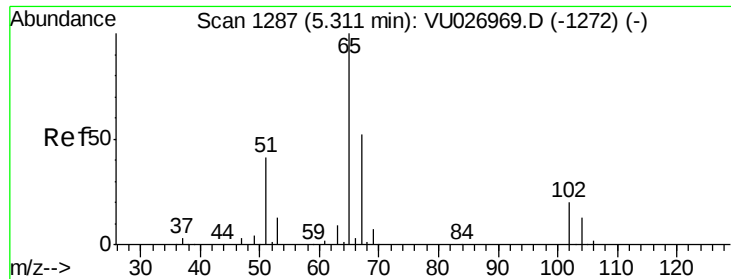
#32
1,1,1-Trichloroethane
Concen: 50.705 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 97 Resp: 104223
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 50.1 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

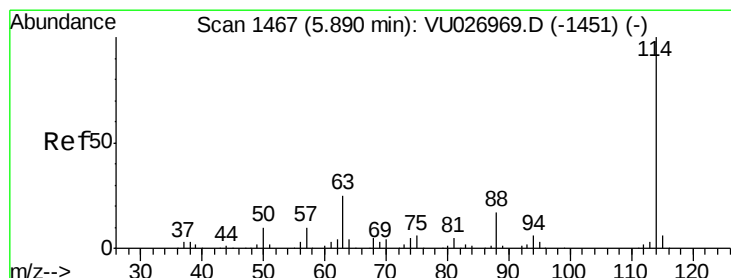
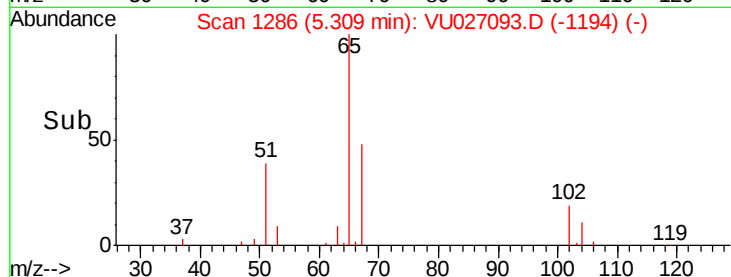
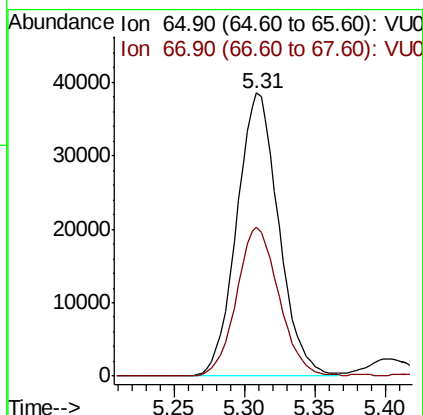
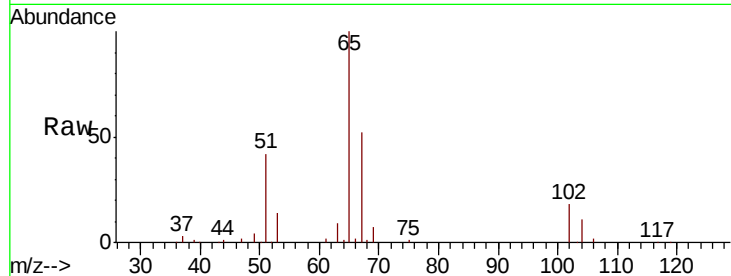




#33
 1,2-Dichloroethane-d4
 Concen: 47.412 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

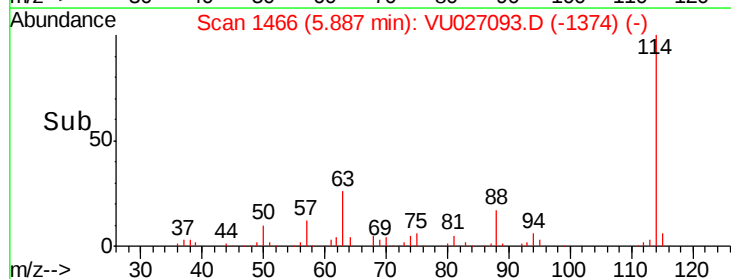
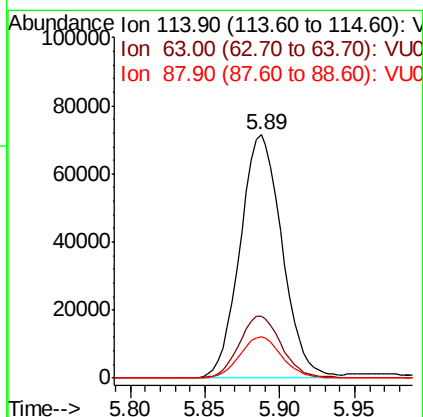
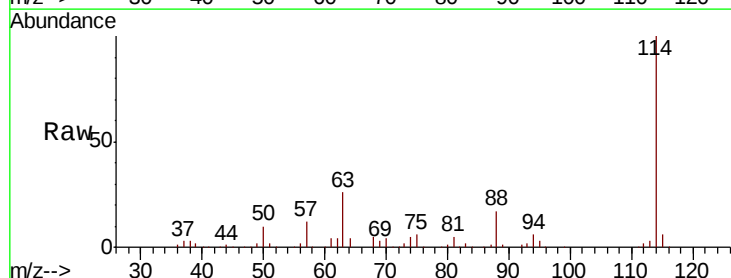
Instrument :
 MSVOA_U
 ClientSampled :
 BFB45

Tgt Ion: 65 Resp: 80198
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 114 Resp: 139974
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.770 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

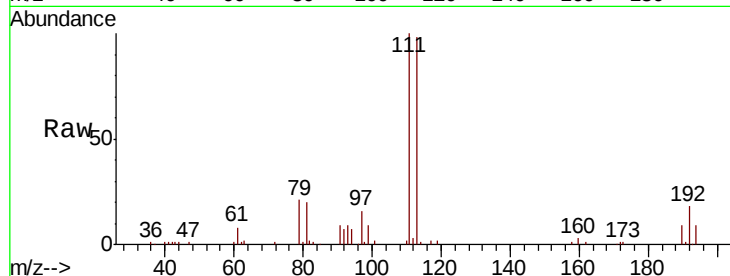
Tgt Ion:113 Resp: 56746

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

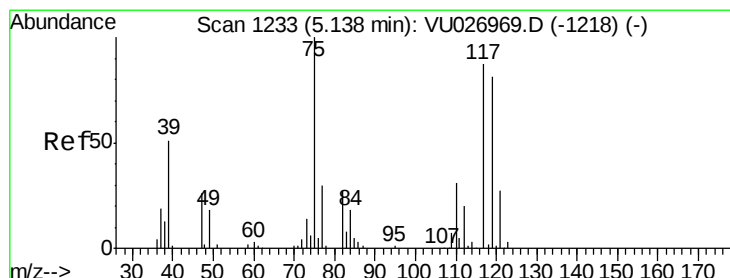
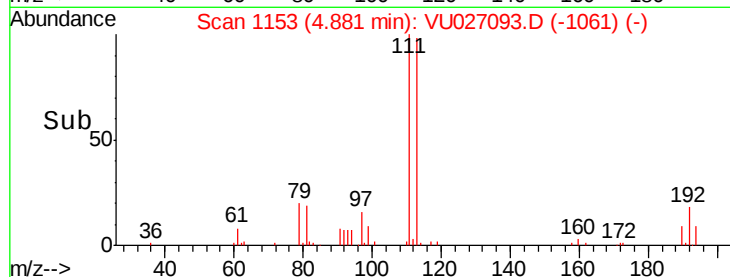
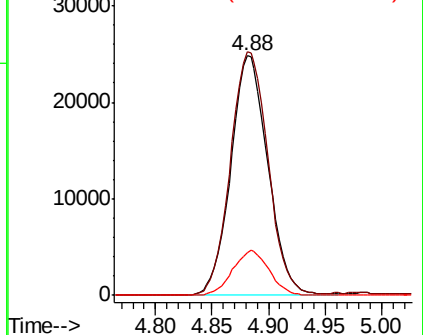
192 18.3 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.139 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

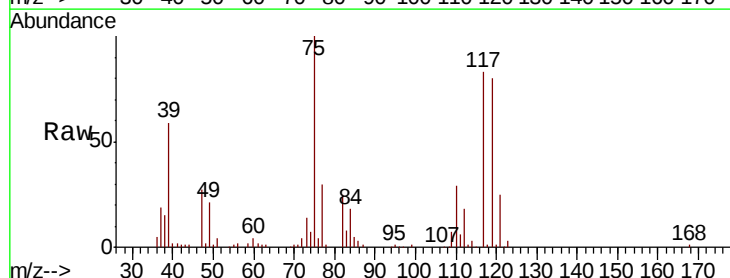
Tgt Ion: 75 Resp: 95533

Ion Ratio Lower Upper

75 100

110 30.4 16.1 48.2

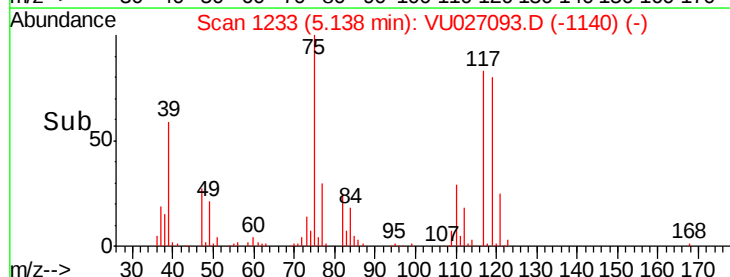
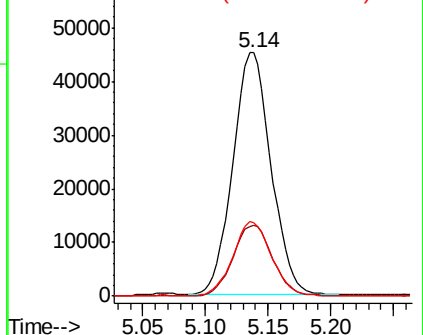
77 31.1 24.6 36.8

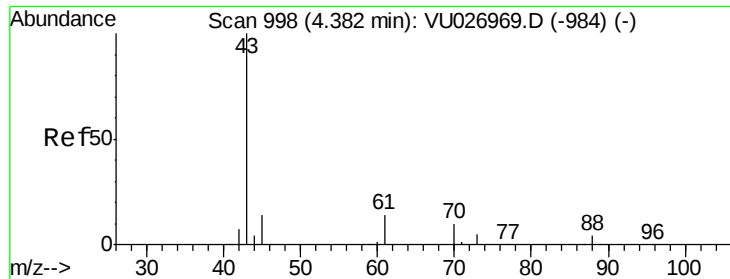


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

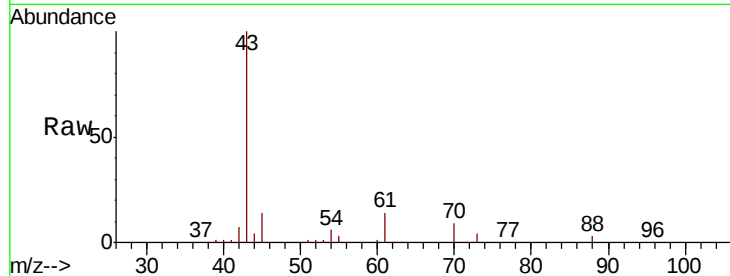




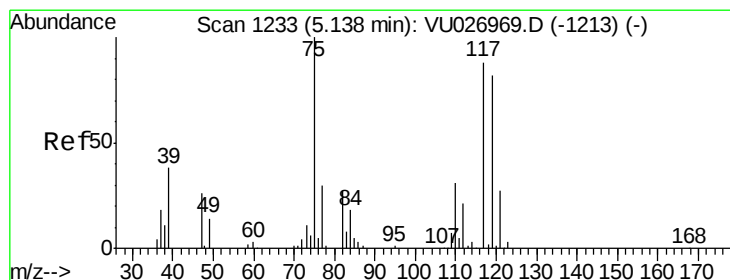
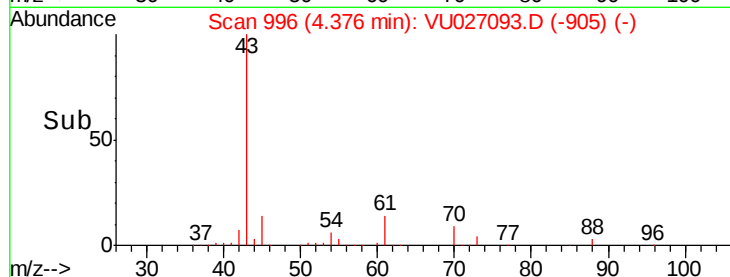
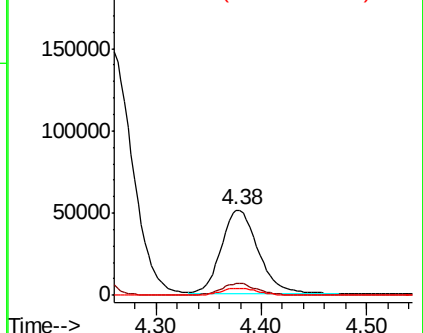
#37
Ethyl Acetate
Concen: 49.406 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.01 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion: 43 Resp: 124945
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 8.7 7.4 11.0

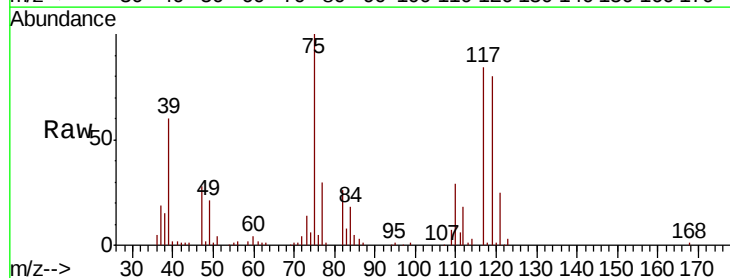


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

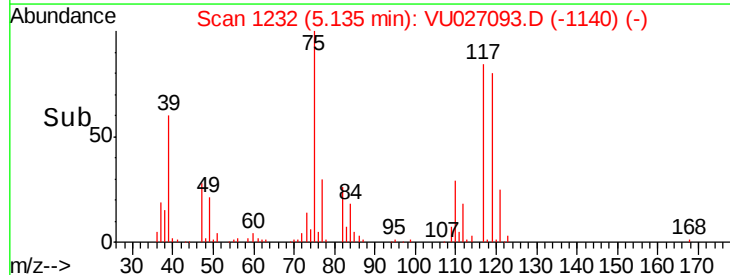
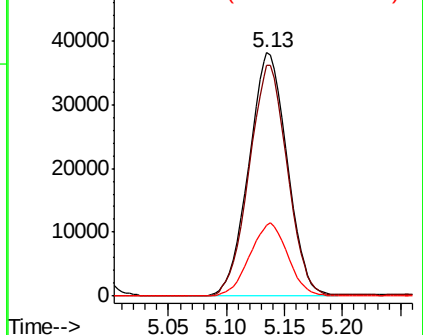


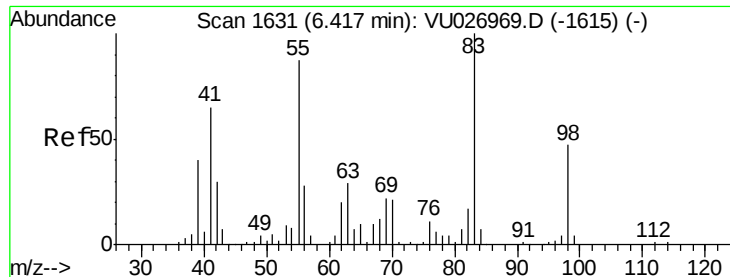
#38
Carbon Tetrachloride
Concen: 49.402 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 117 Resp: 87824
Ion Ratio Lower Upper
117 100
119 94.8 74.4 111.6
121 29.2 24.2 36.4



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

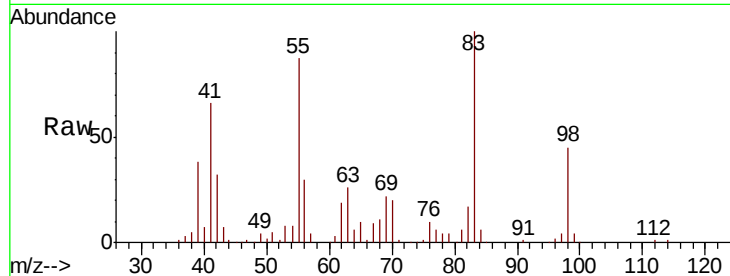




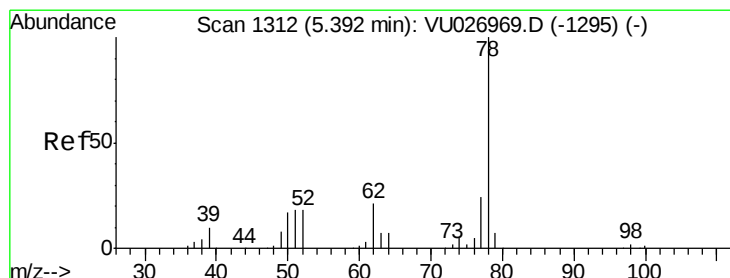
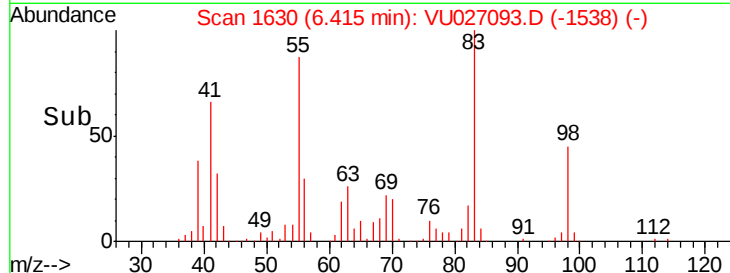
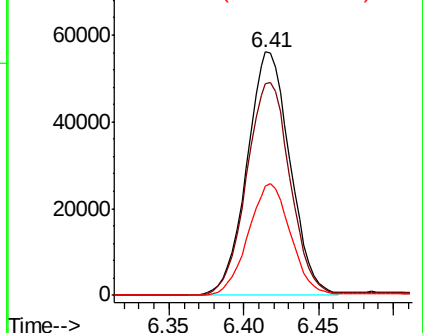
#39
Methylcyclohexane
Concen: 55.335 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion: 83 Resp: 112336
Ion Ratio Lower Upper
83 100
55 86.8 69.9 104.9
98 44.7 37.5 56.3

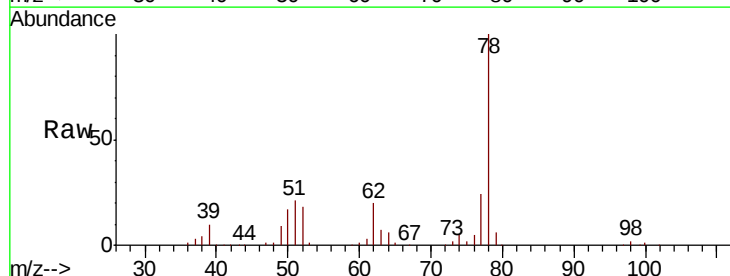


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

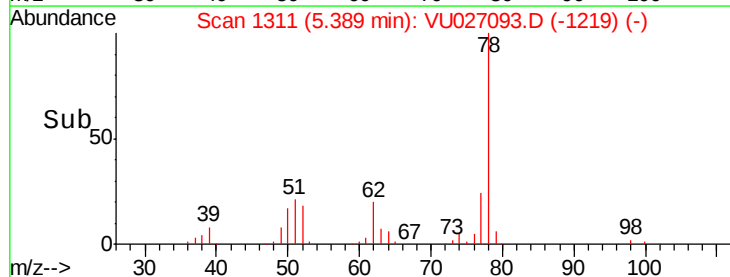
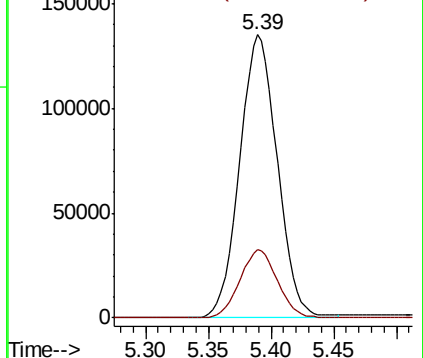


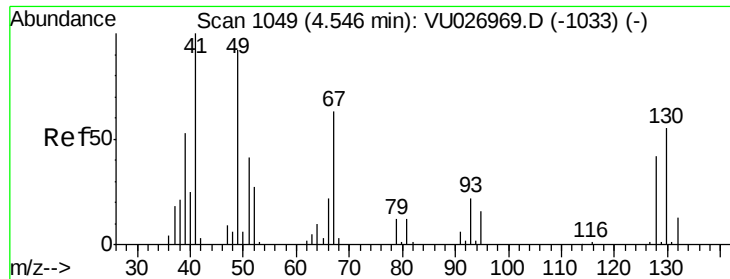
#40
Benzene
Concen: 49.677 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 78 Resp: 282118
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



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

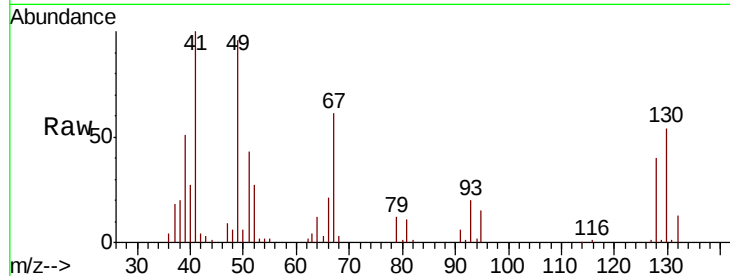




#41
Methacrylonitrile
Concen: 55.552 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion:	41	Resp:	72962
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.9	64.3
67	61.3	52.4	78.6
52	26.5	21.3	31.9



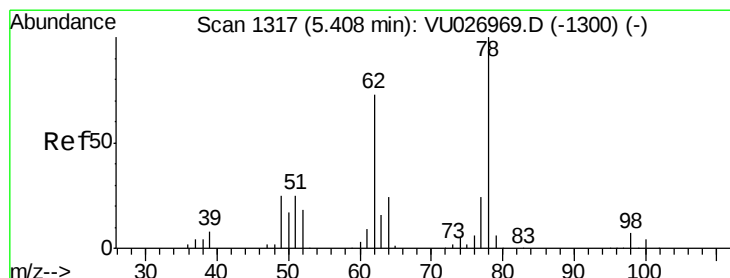
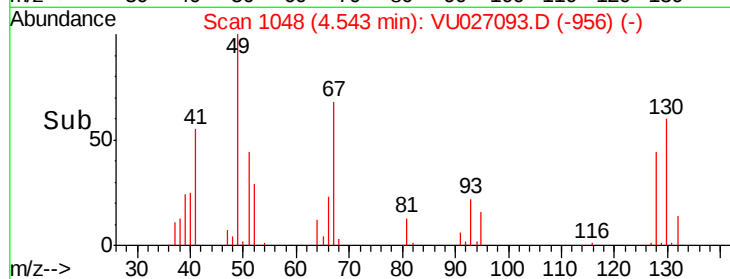
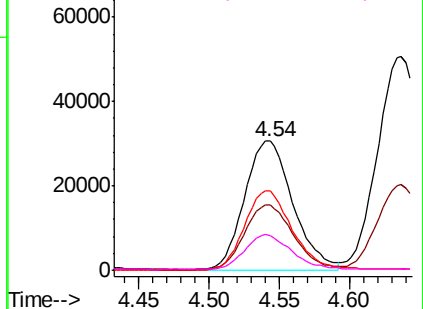
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

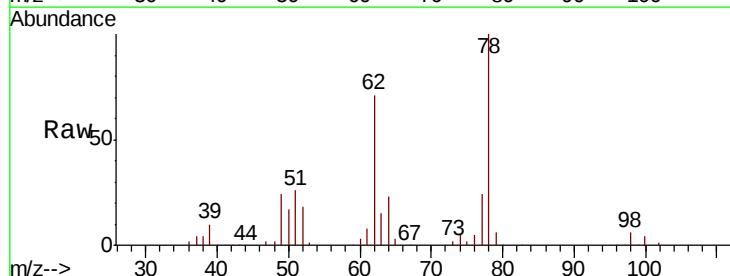
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 50.736 ug/l
RT: 5.41 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

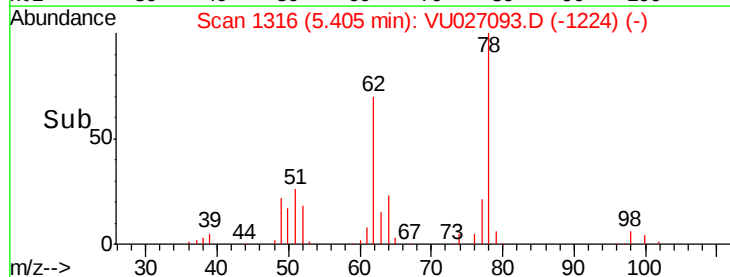
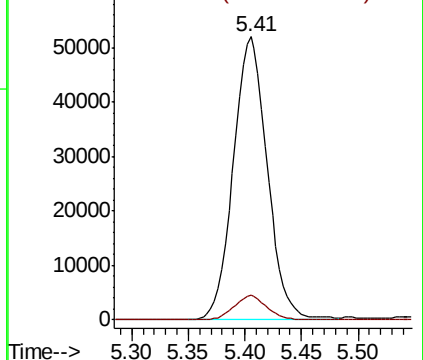
Tgt Ion:	62	Resp:	108860
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0



Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 53.200 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.01 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

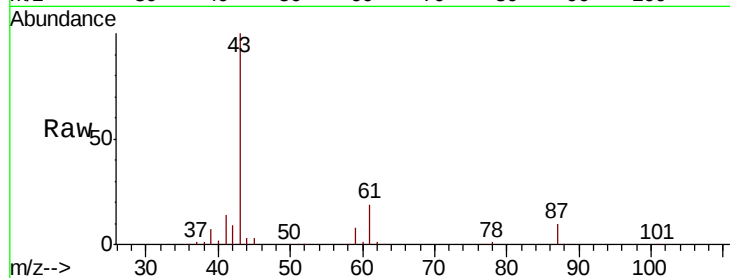
Tgt Ion: 43 Resp: 196209

Ion Ratio Lower Upper

43 100

61 18.7 15.7 23.5

87 10.7 9.0 13.4

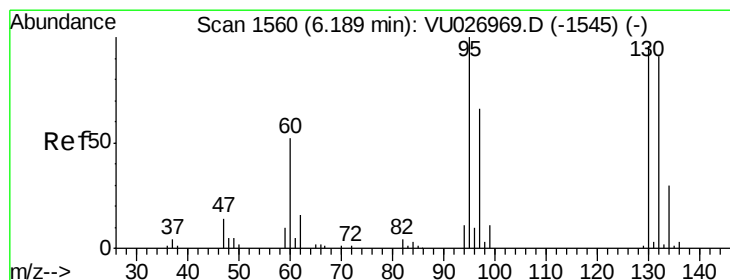
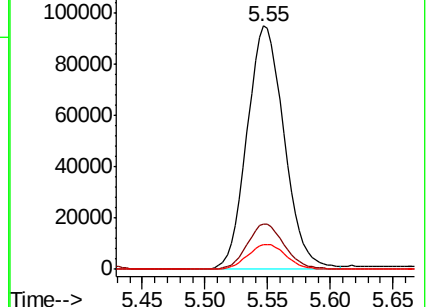
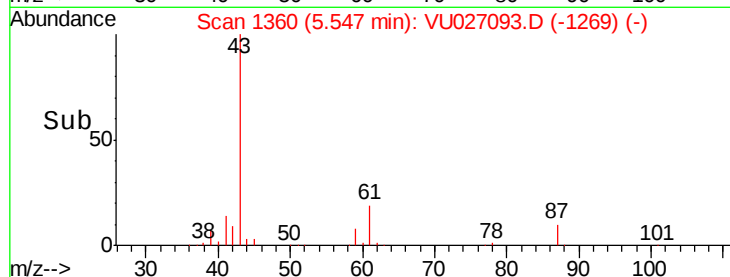


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 50.124 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027093.D

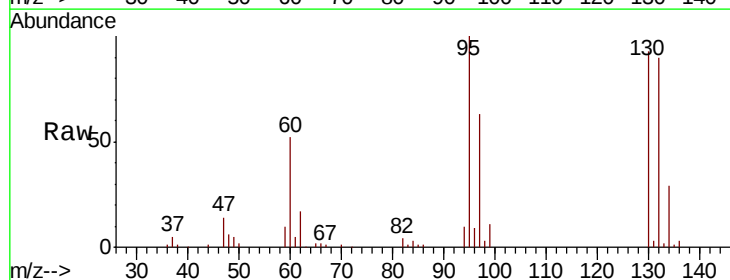
Acq: 24 Sep 2018 08:51

Tgt Ion:130 Resp: 60600

Ion Ratio Lower Upper

130 100

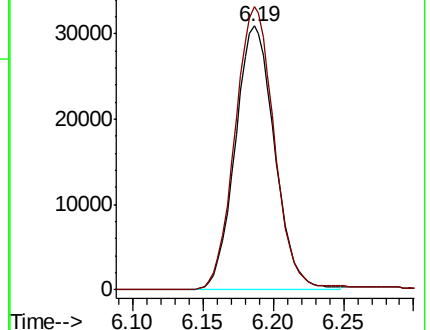
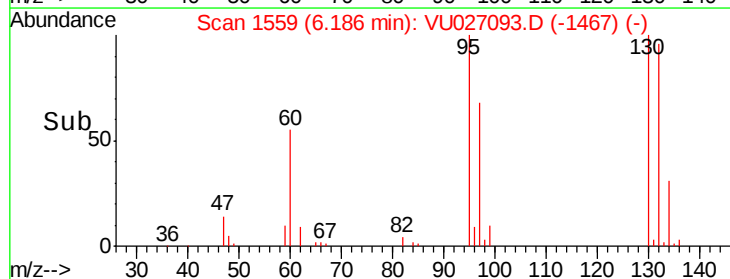
95 107.2 0.0 208.8



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

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

Time-->

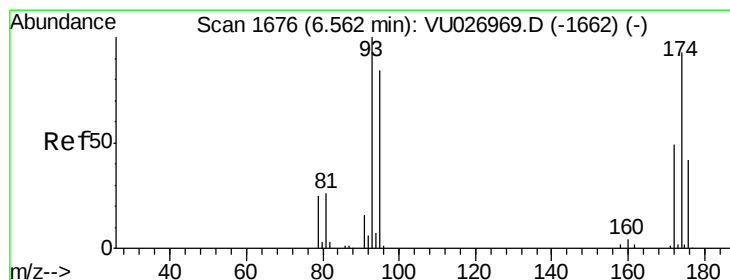
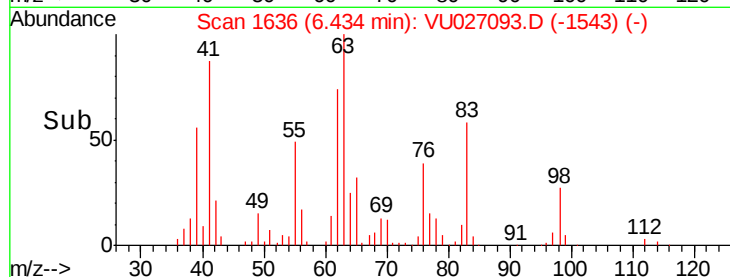
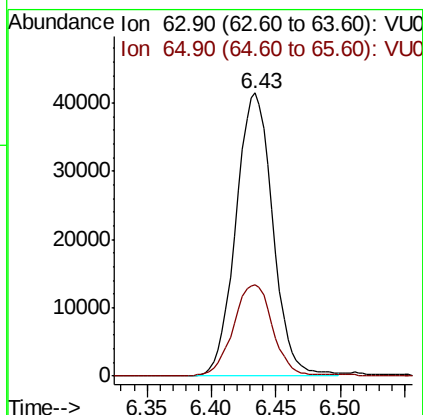
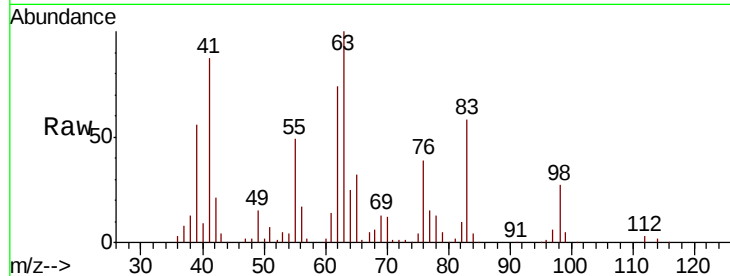




#45
 1,2-Dichloropropane
 Concen: 51.143 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

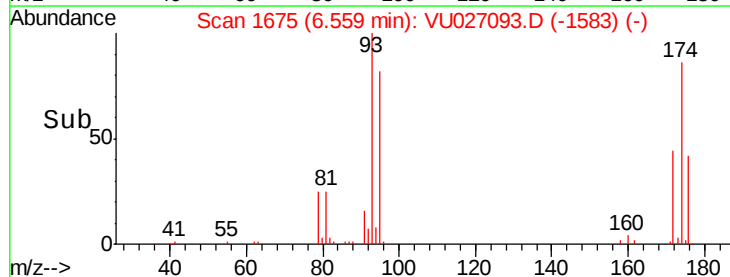
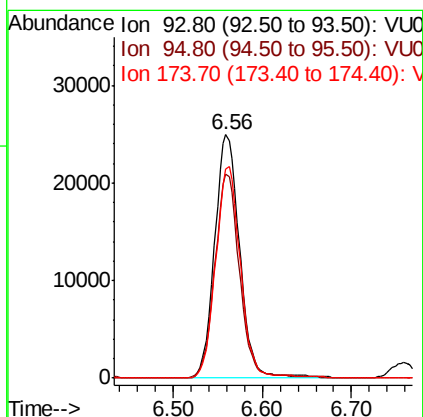
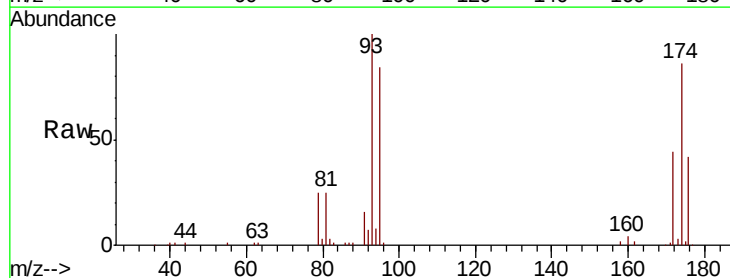
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion: 63 Resp: 82757
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 49.589 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 93 Resp: 48462
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.2 99.4
 174 86.3 71.7 107.5

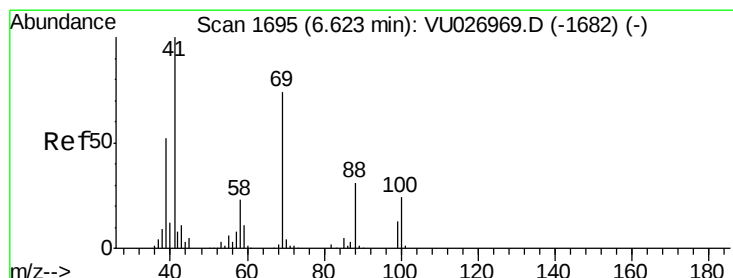
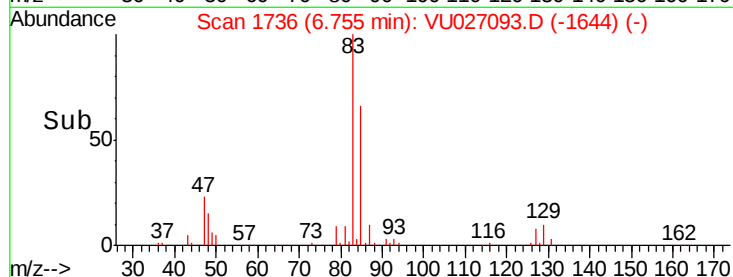
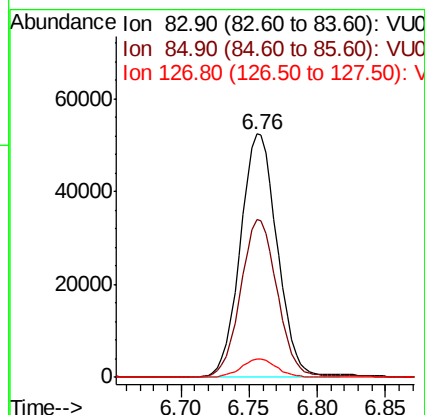
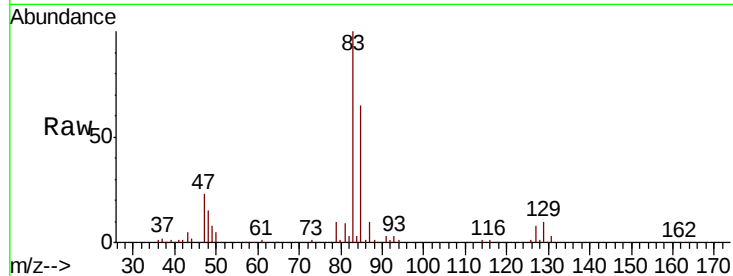




#47
Bromodichloromethane
Concen: 49.846 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

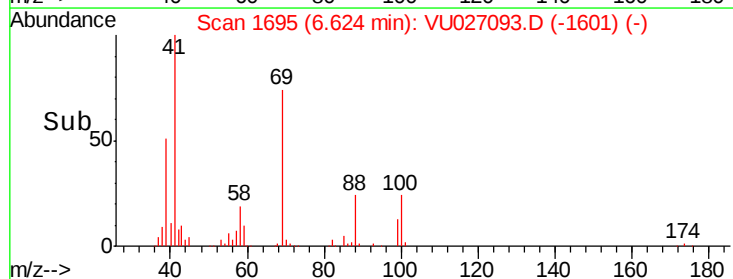
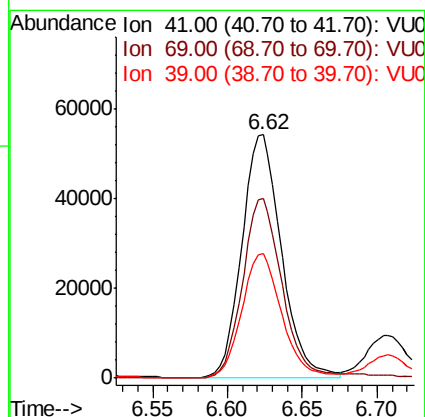
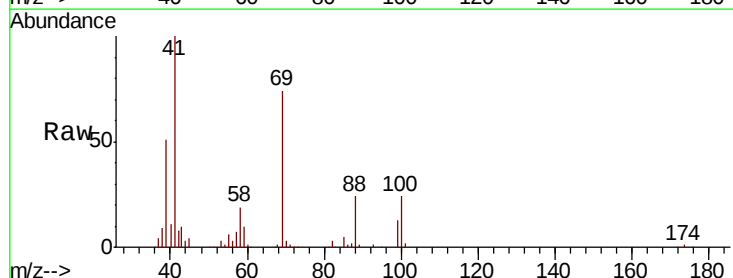
Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion: 83 Resp: 98500
Ion Ratio Lower Upper
83 100
85 64.8 52.5 78.7
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 49.605 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 41 Resp: 99559
Ion Ratio Lower Upper
41 100
69 74.5 60.6 90.8
39 51.3 42.8 64.2

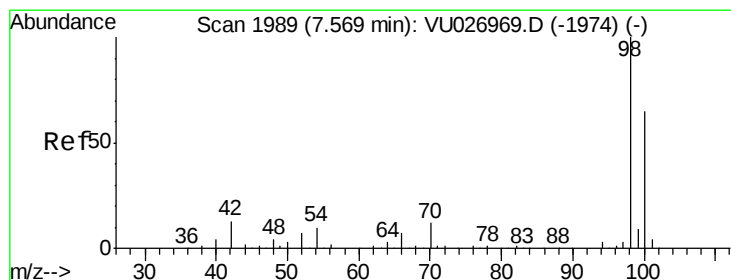
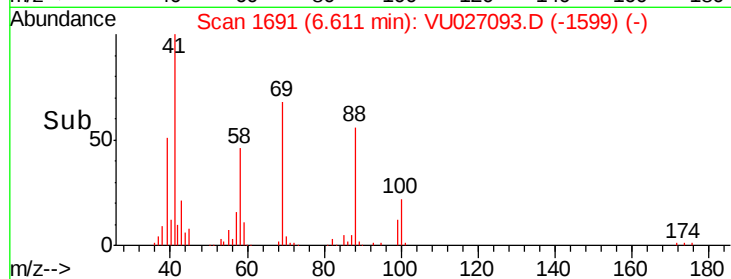
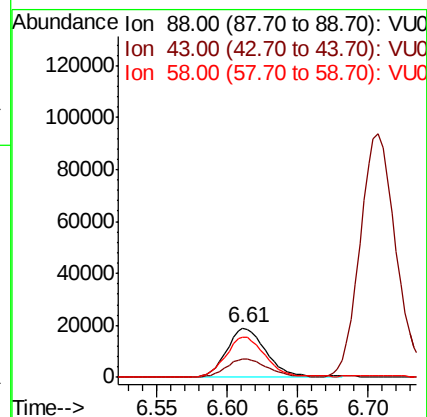
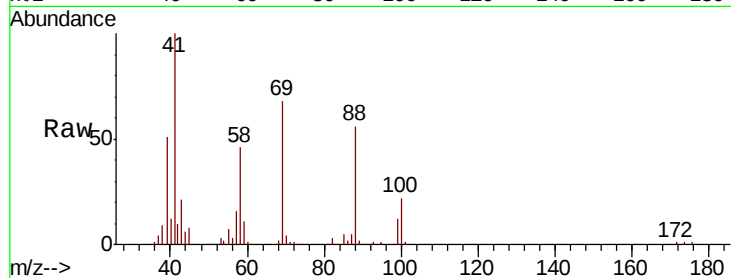




#49
1,4-Dioxane
Concen: 940.027 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

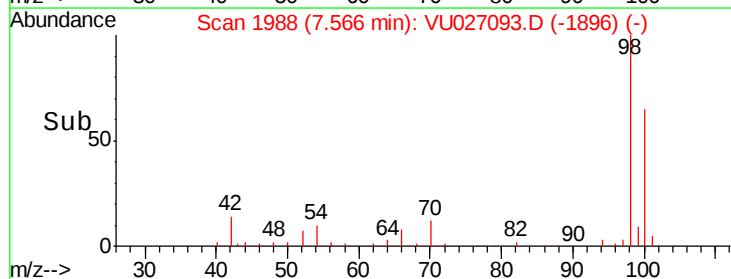
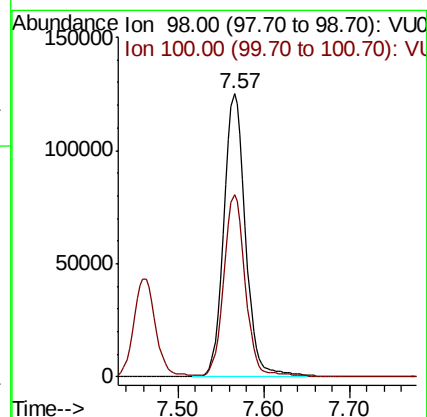
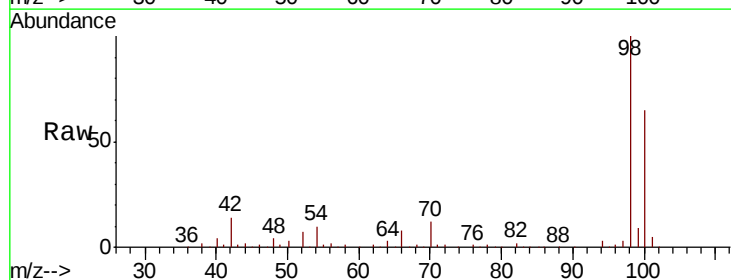
Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion: 88 Resp: 37479
Ion Ratio Lower Upper
88 100
43 40.1 29.8 44.8
58 81.6 63.9 95.9



#50
Toluene-d8
Concen: 47.636 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 98 Resp: 220265
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

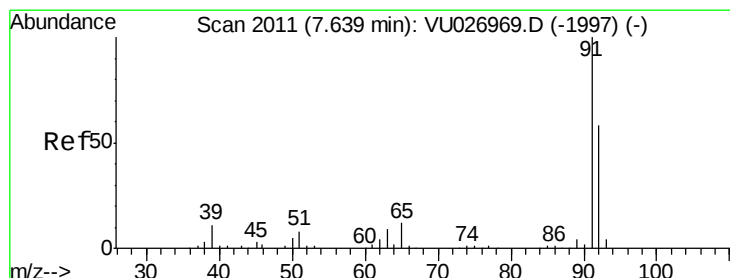
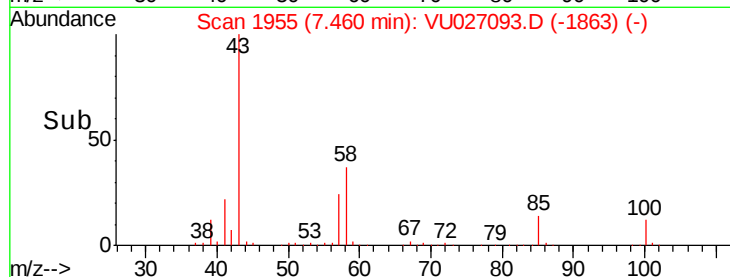
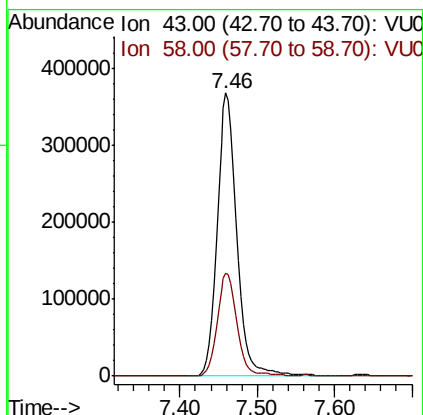
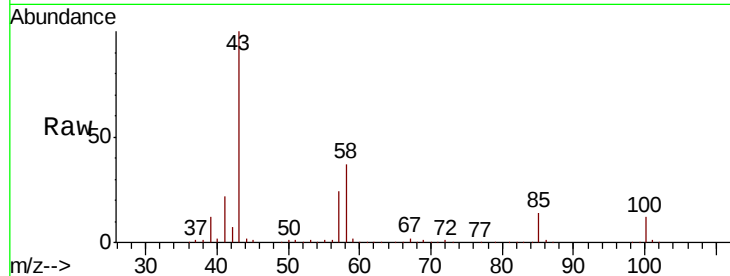




#51
4-Methyl-2-Pentanone
Concen: 264.904 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

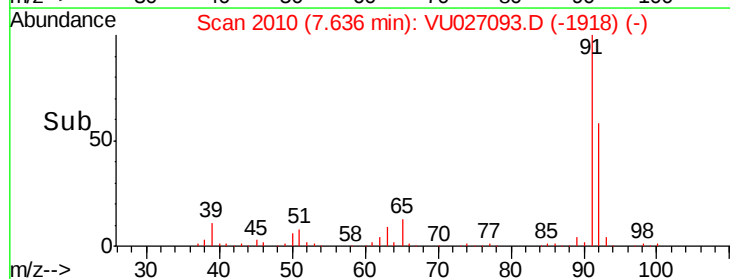
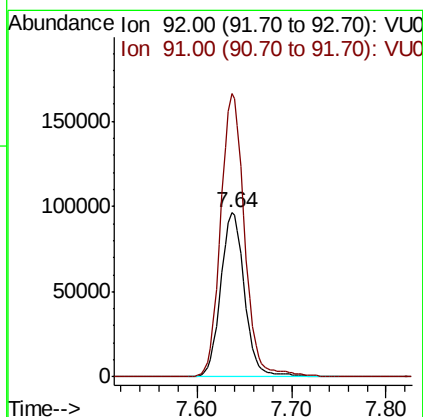
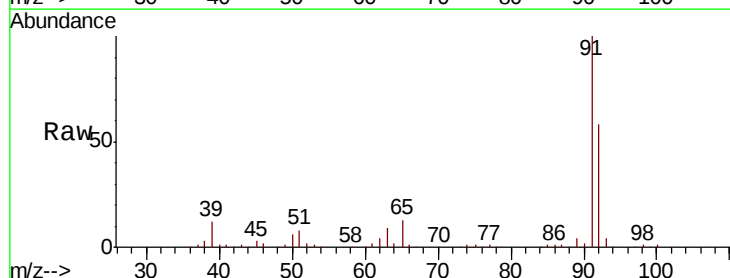
Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion: 43 Resp: 657094
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.6



#52
Toluene
Concen: 52.117 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion: 92 Resp: 169652
Ion Ratio Lower Upper
92 100
91 172.8 136.4 204.6

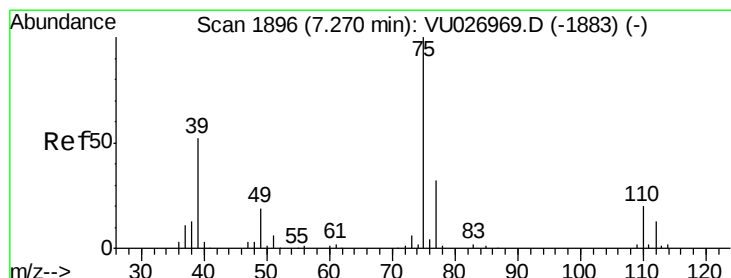
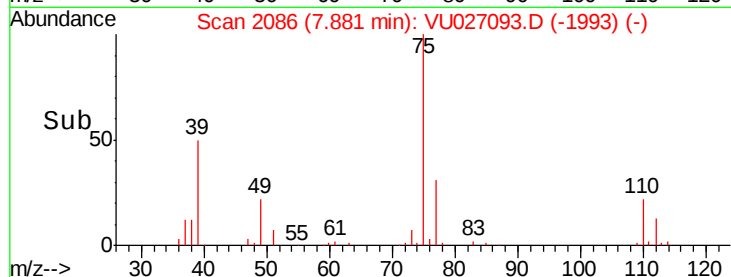
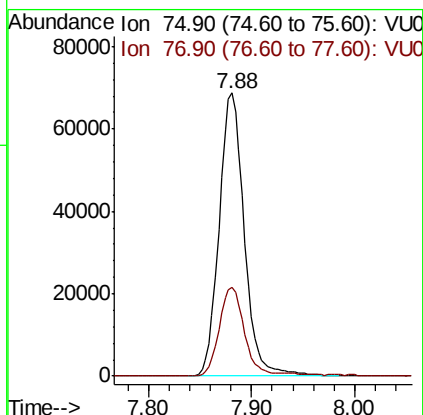
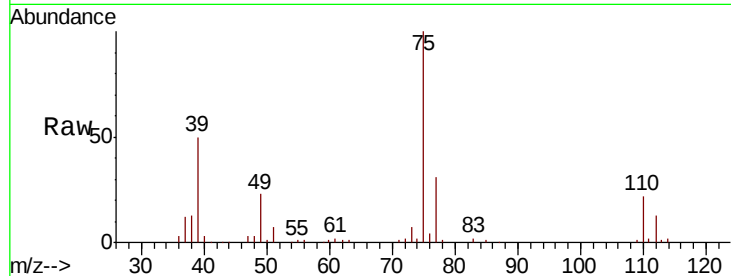




#53
 t-1,3-Dichloropropene
 Concen: 54.906 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

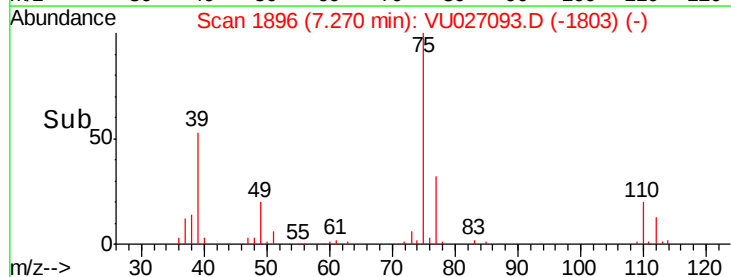
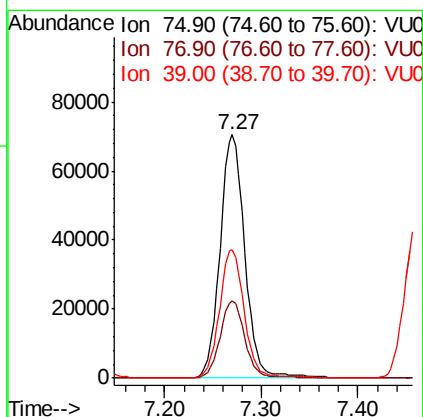
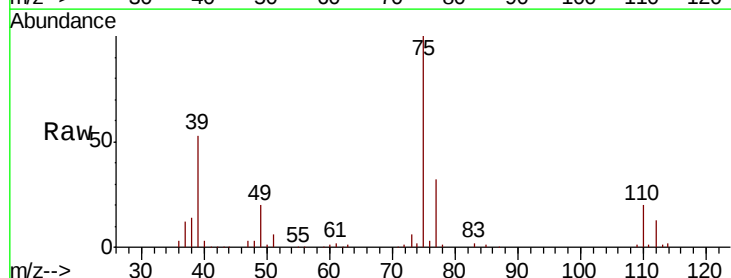
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion: 75 Resp: 116574
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.618 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 75 Resp: 125171
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 52.9 41.6 62.4

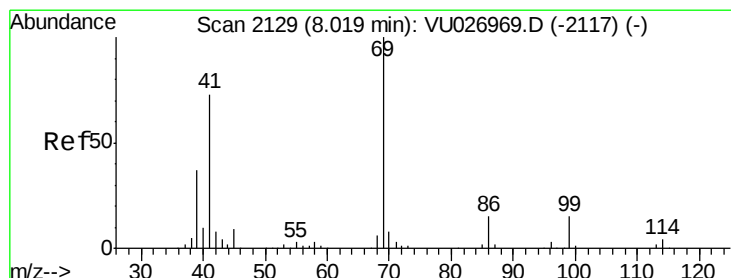
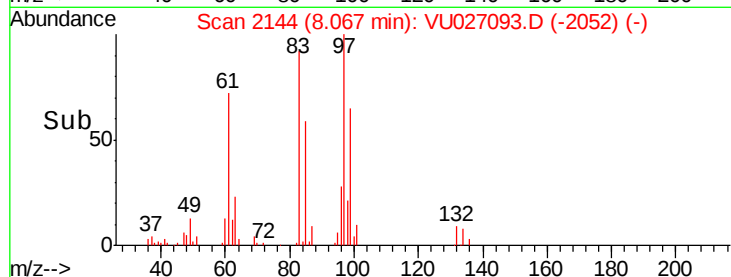
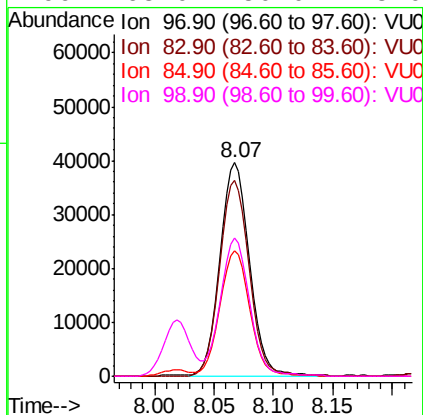
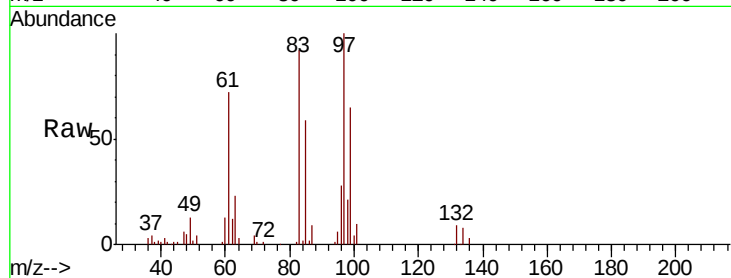




#55
 1,1,2-Trichloroethane
 Concen: 49.690 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

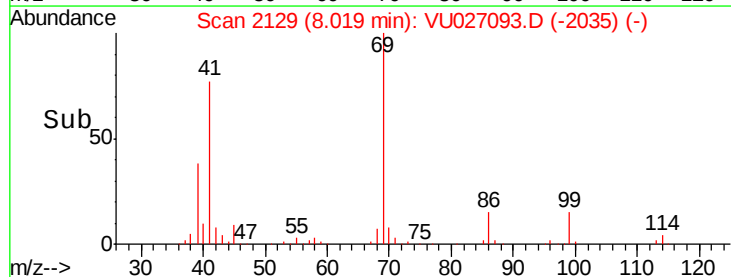
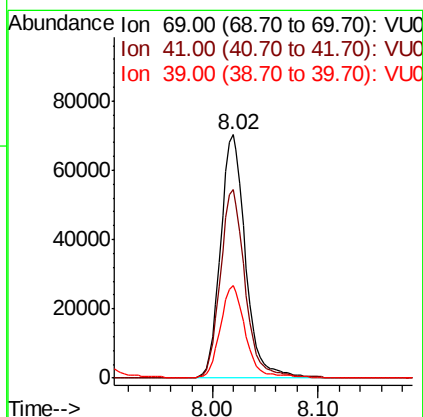
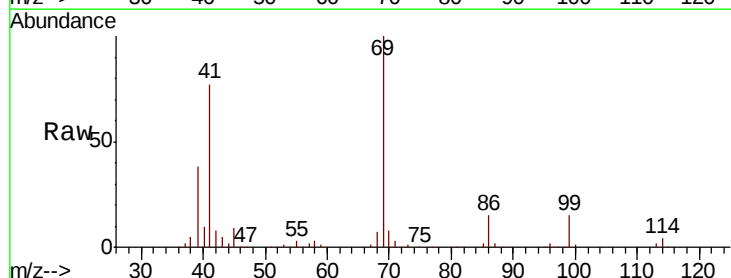
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

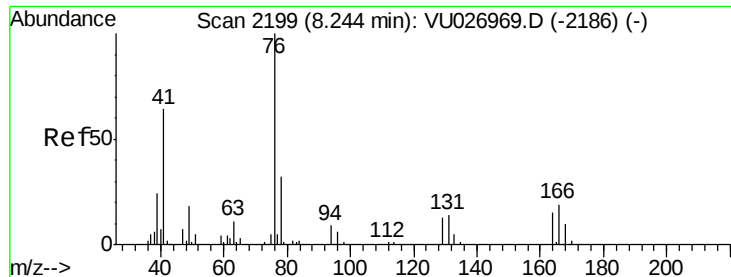
Tgt Ion:	97	Resp:	68539
Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.1	109.7
85	58.8	46.7	70.1
99	65.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 48.259 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion:	69	Resp:	115306
Ion	Ratio	Lower	Upper
69	100		
41	77.4	59.0	88.4
39	37.9	30.2	45.4

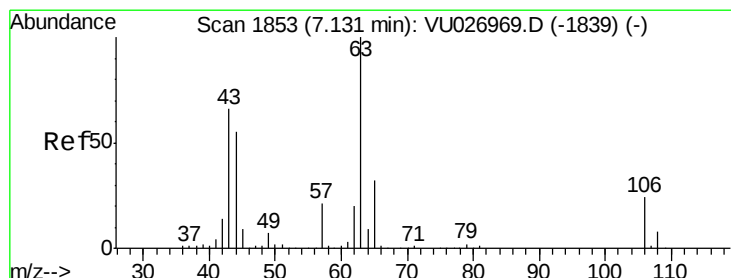
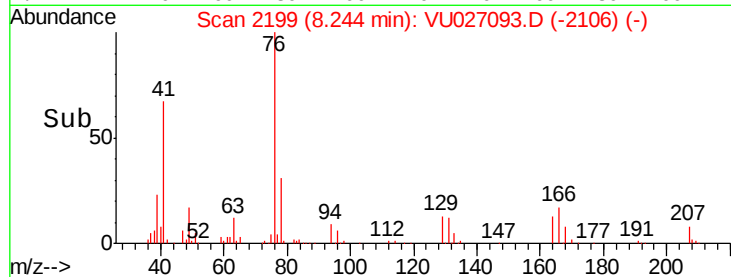
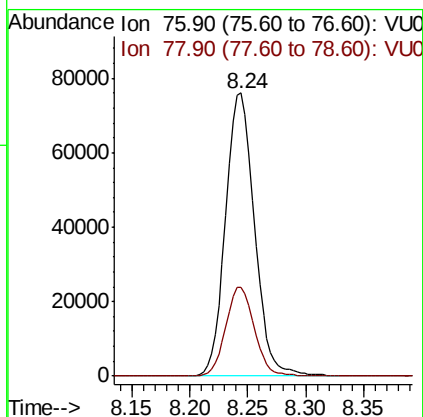
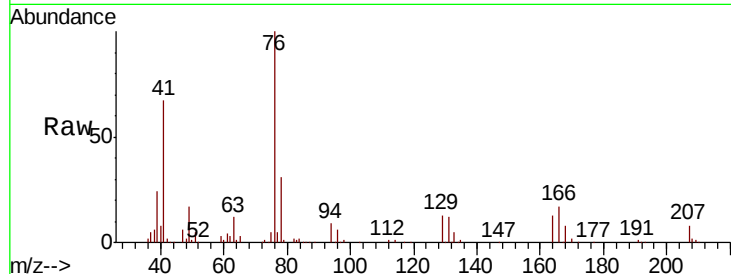




#57
 1,3-Dichloropropane
 Concen: 51.308 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

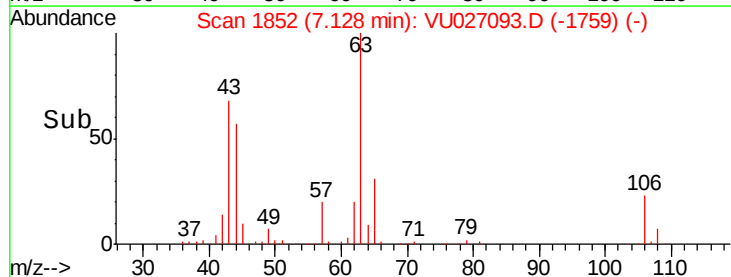
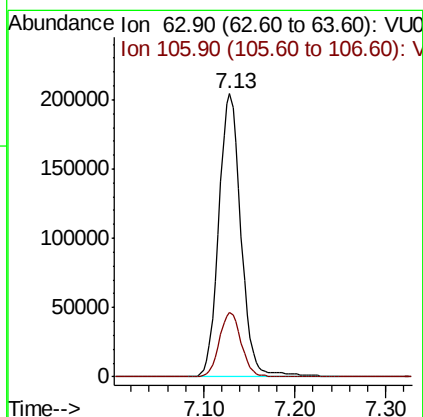
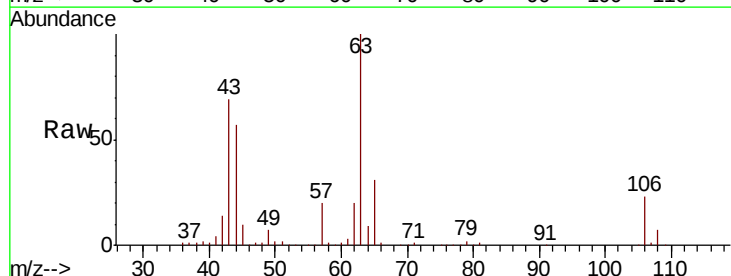
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion: 76 Resp: 131627
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.554 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 63 Resp: 347248
 Ion Ratio Lower Upper
 63 100
 106 22.4 18.7 28.1

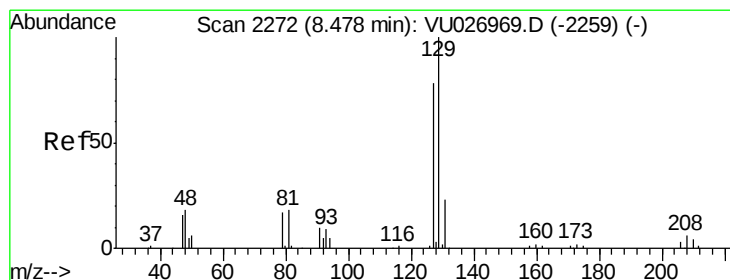
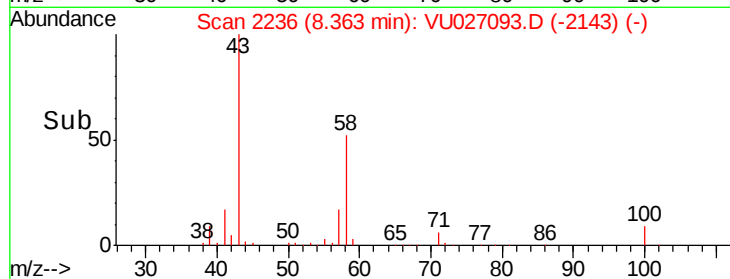
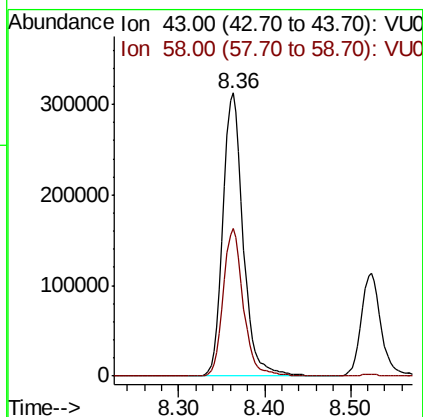
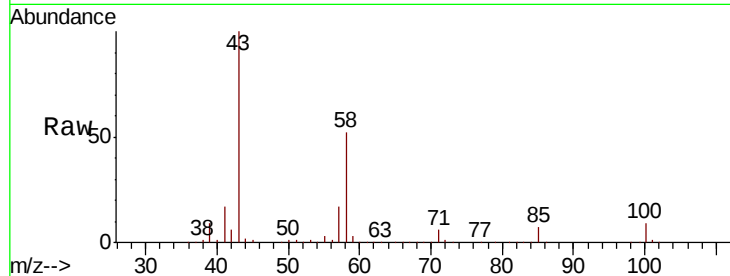




#59
 2-Hexanone
 Concen: 264.351 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

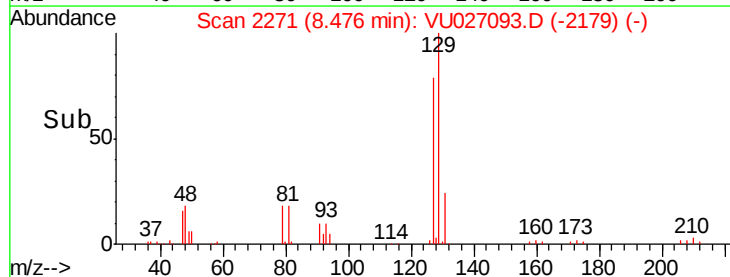
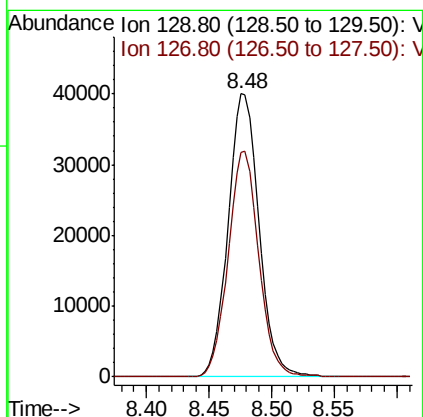
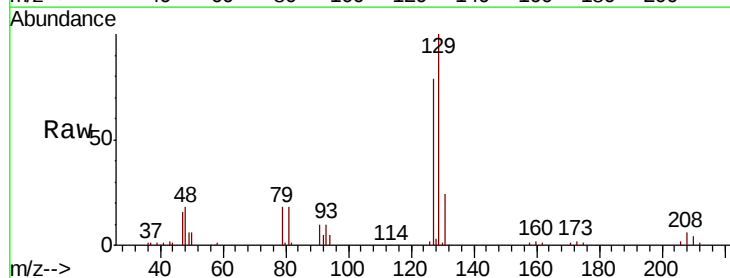
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

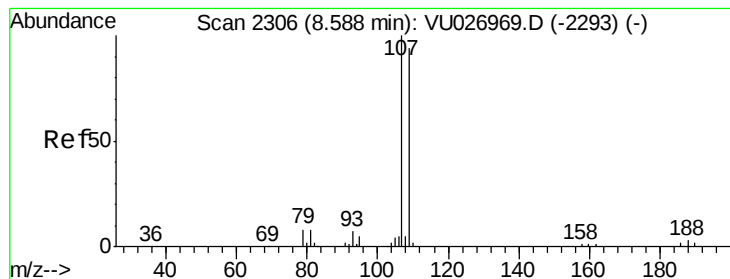
Tgt Ion: 43 Resp: 513284
 Ion Ratio Lower Upper
 43 100
 58 51.8 26.1 78.2



#60
 Dibromochloromethane
 Concen: 50.670 ug/l
 RT: 8.48 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 129 Resp: 68555
 Ion Ratio Lower Upper
 129 100
 127 78.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 49.894 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

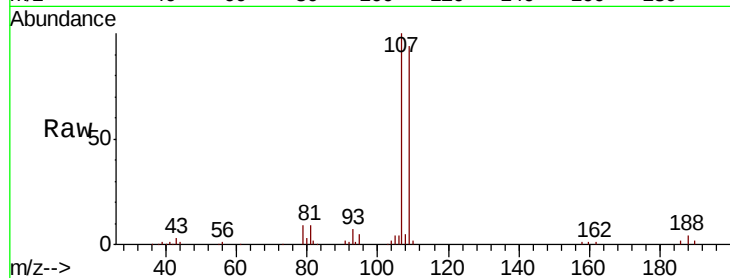
BFB45

Tgt Ion: 107 Resp: 71605

Ion Ratio Lower Upper

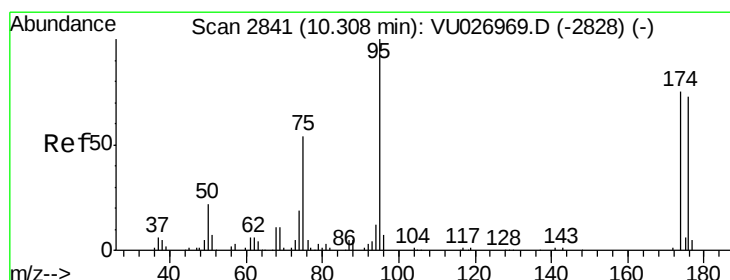
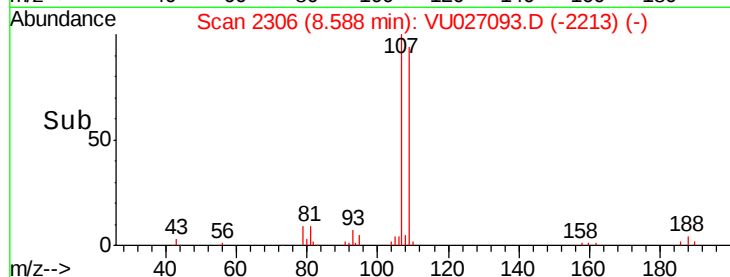
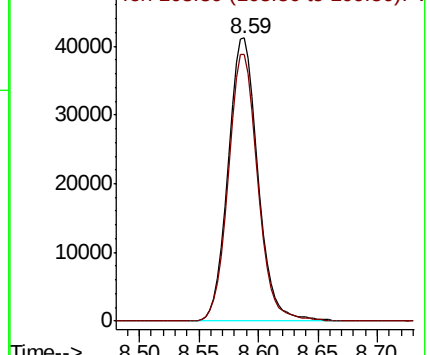
107 100

109 93.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.765 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

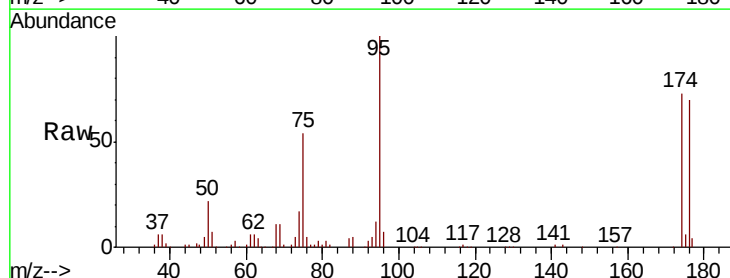
Tgt Ion: 95 Resp: 80544

Ion Ratio Lower Upper

95 100

174 71.9 0.0 150.2

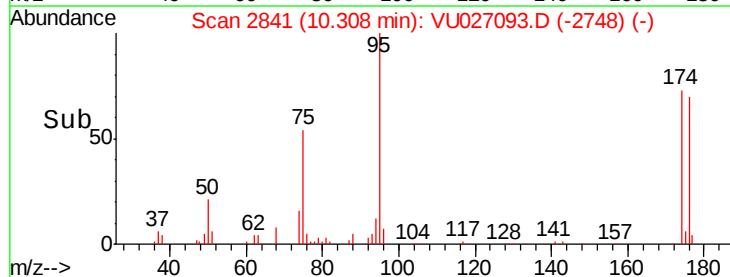
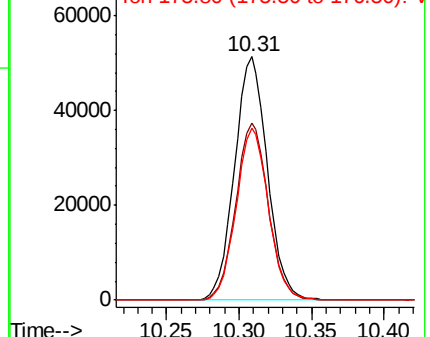
176 69.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

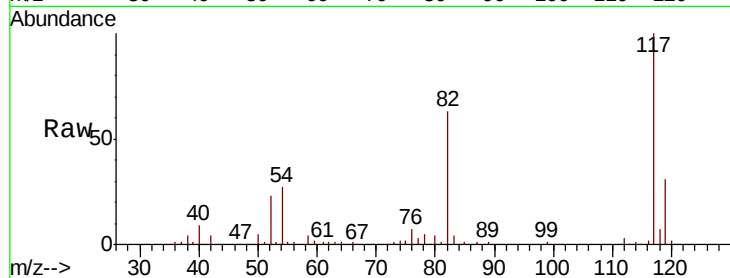




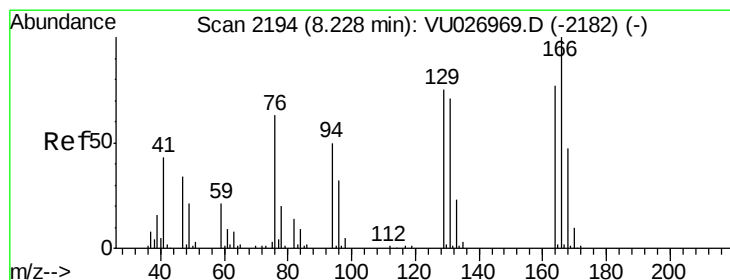
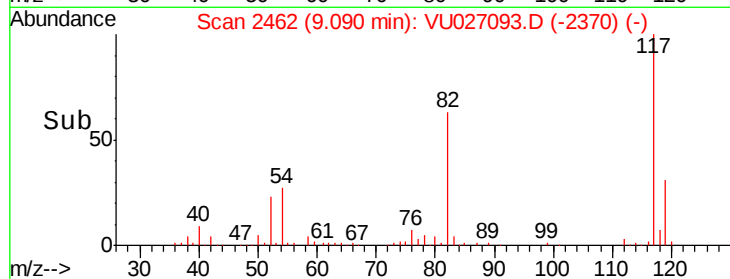
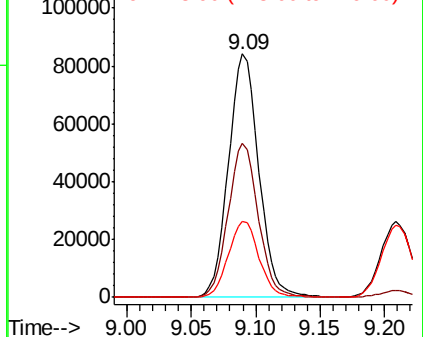
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion:117 Resp: 137732
Ion Ratio Lower Upper
117 100
82 63.5 48.0 72.0
119 31.2 25.8 38.8

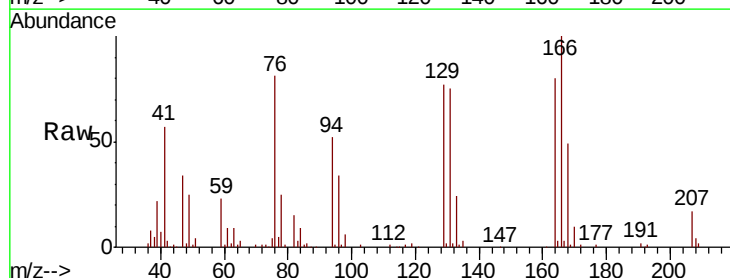


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

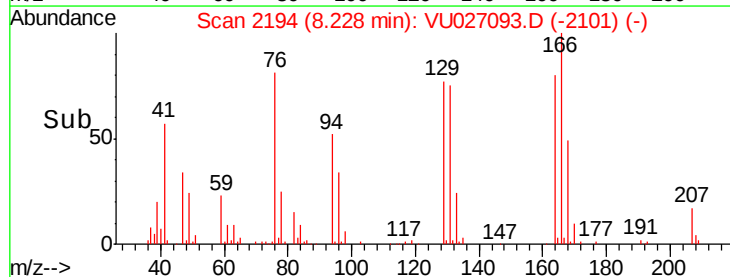
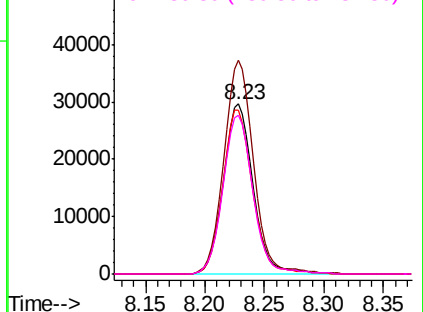


#64
Tetrachloroethene
Concen: 48.530 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion:164 Resp: 51506
Ion Ratio Lower Upper
164 100
166 125.5 104.4 156.6
129 96.1 78.7 118.1
131 93.6 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

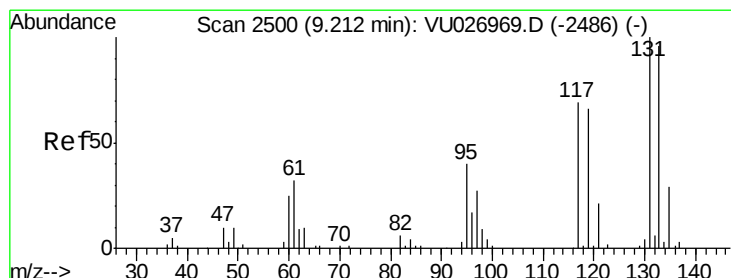
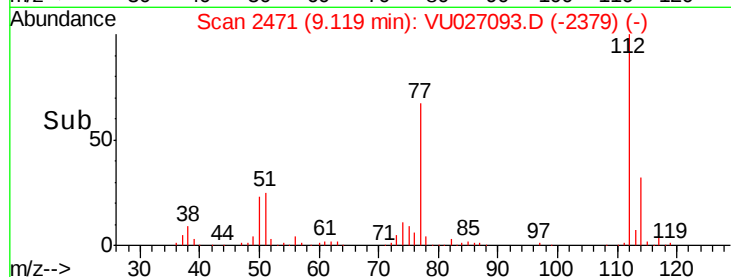
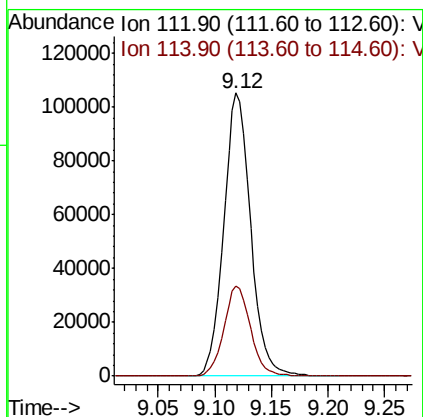
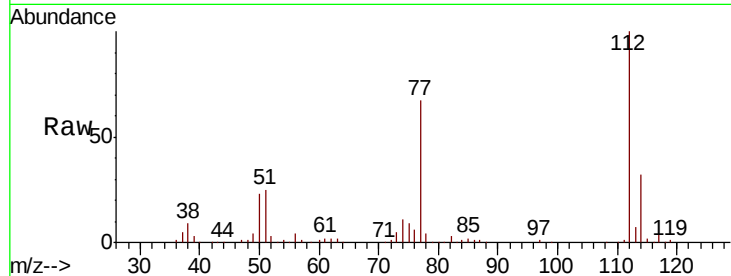




#65
Chlorobenzene
Concen: 47.645 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

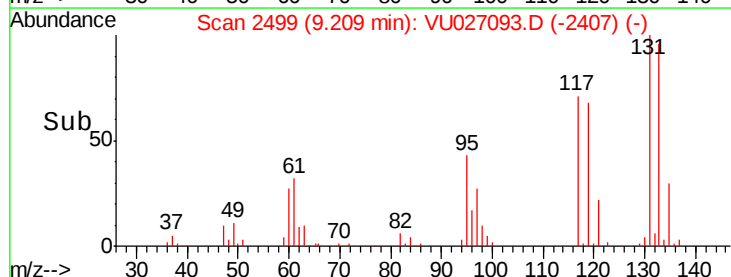
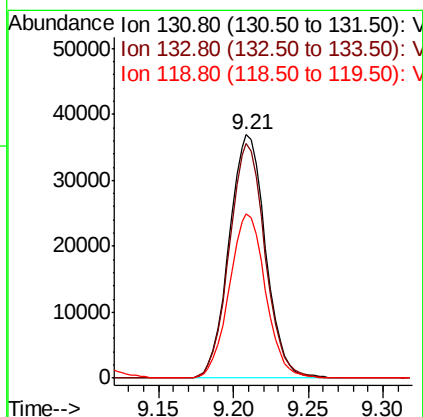
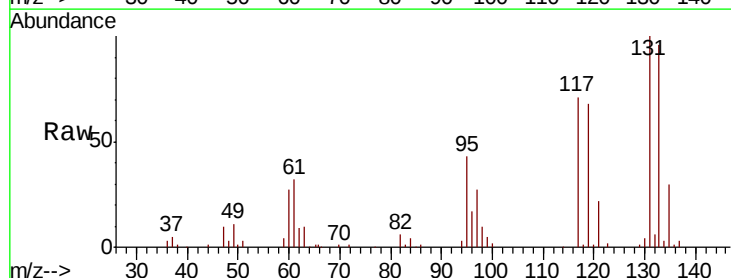
Instrument :
MSVOA_U
ClientSampleId :
BFB45

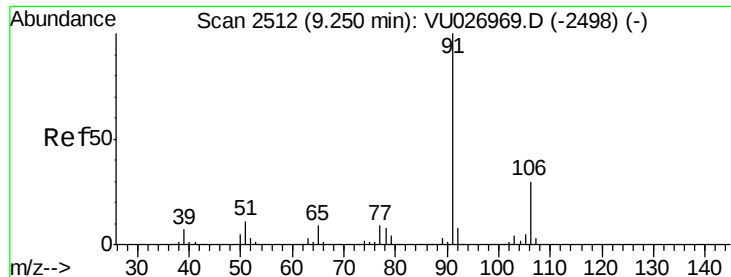
Tgt Ion:112 Resp: 173997
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.759 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion:131 Resp: 62591
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 67.2 33.4 100.1

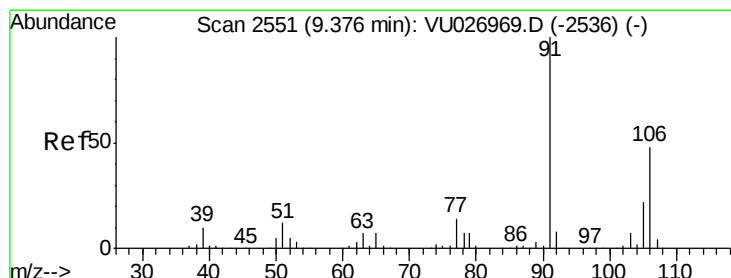
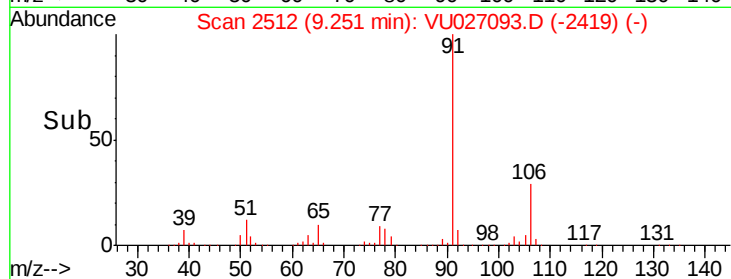
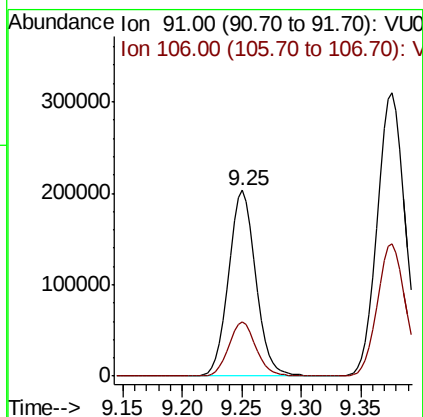
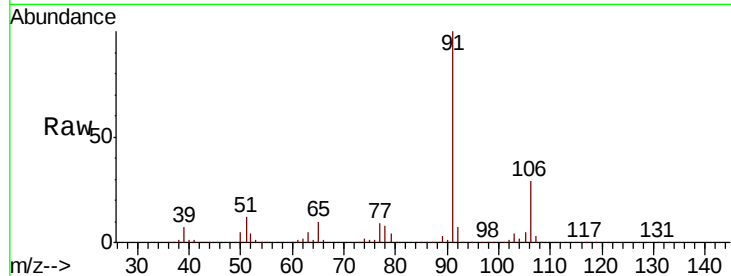




#67
 Ethyl Benzene
 Concen: 53.545 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

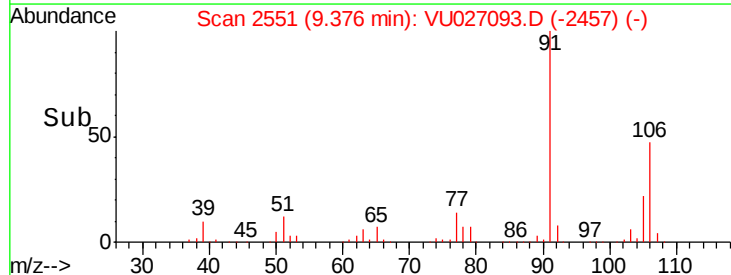
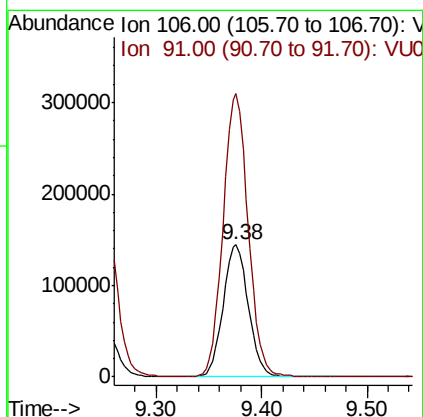
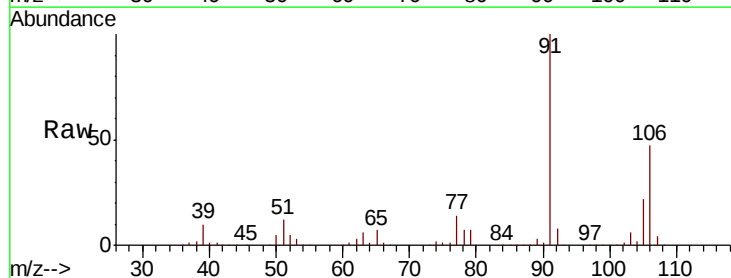
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion: 91 Resp: 321549
 Ion Ratio Lower Upper
 91 100
 106 29.5 23.8 35.8



#68
 m/p-Xylenes
 Concen: 98.263 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 106 Resp: 238915
 Ion Ratio Lower Upper
 106 100
 91 212.6 166.5 249.7

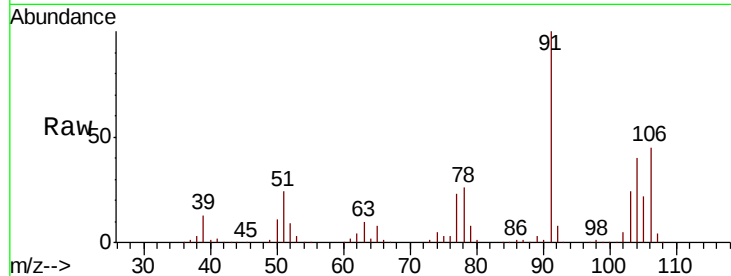




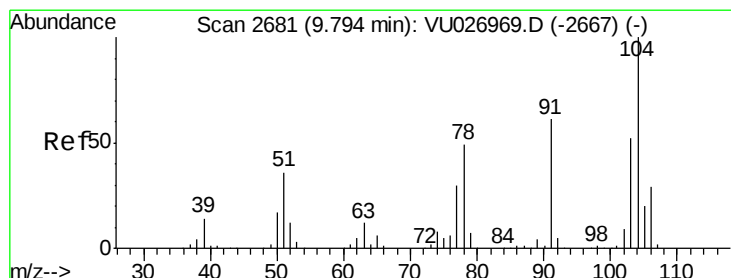
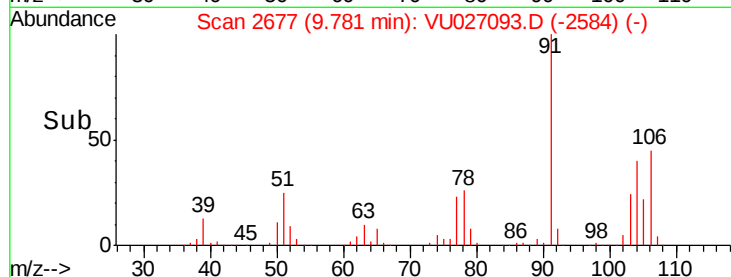
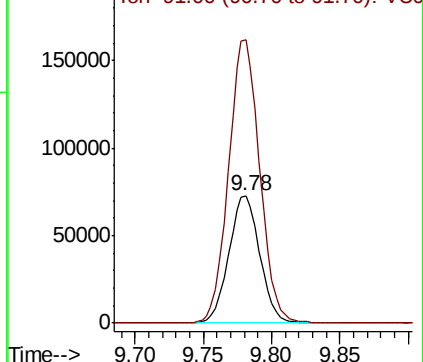
#69
o-Xylene
Concen: 53.879 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion:106 Resp: 114640
Ion Ratio Lower Upper
106 100
91 224.1 110.2 330.6

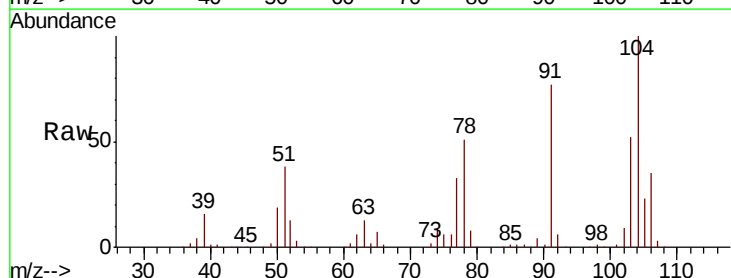


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

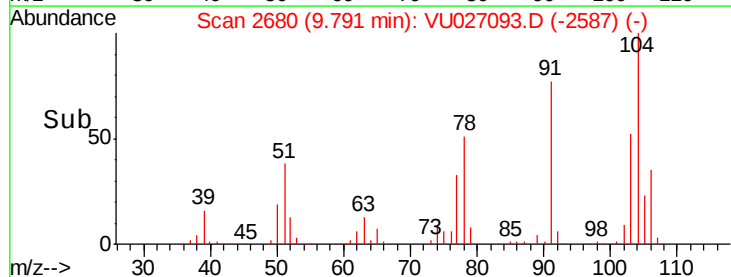
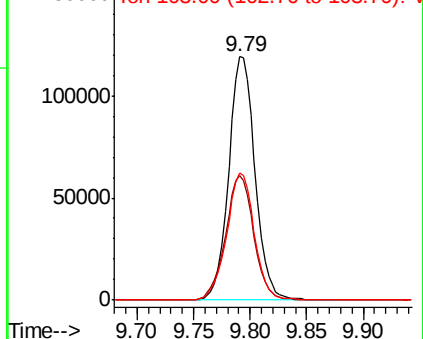


#70
Styrene
Concen: 48.554 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion:104 Resp: 192680
Ion Ratio Lower Upper
104 100
78 54.6 43.0 64.4
103 54.9 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: 51.956 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

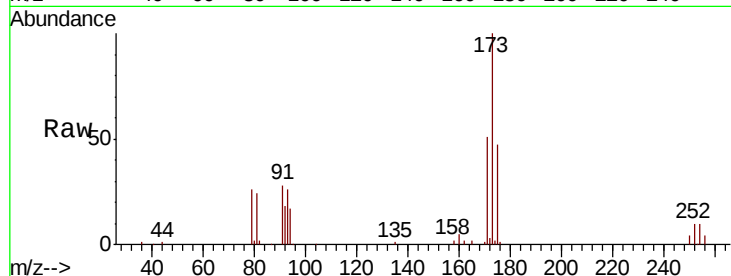
Tgt Ion:173 Resp: 50539

Ion Ratio Lower Upper

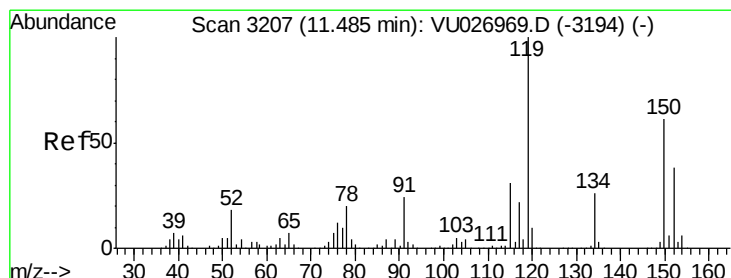
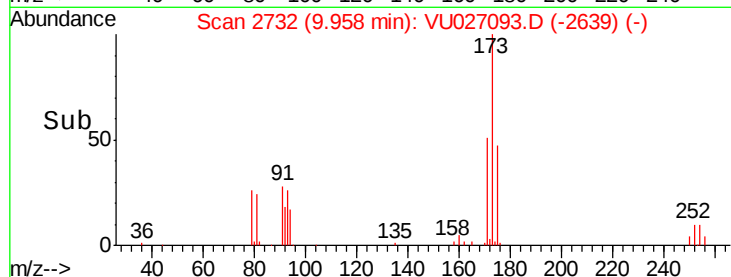
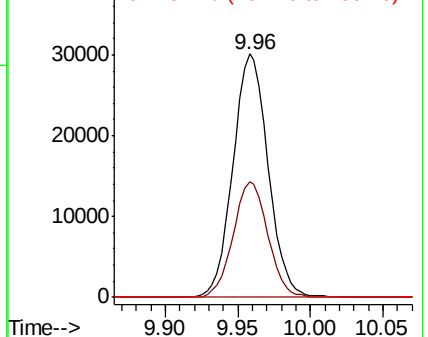
173 100

175 46.9 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

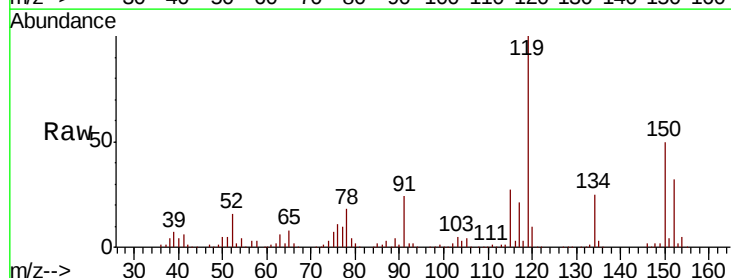
Tgt Ion:152 Resp: 76259

Ion Ratio Lower Upper

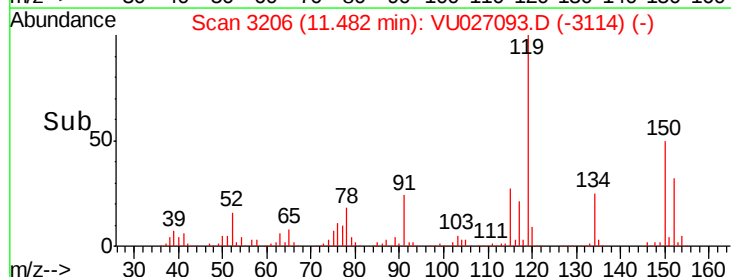
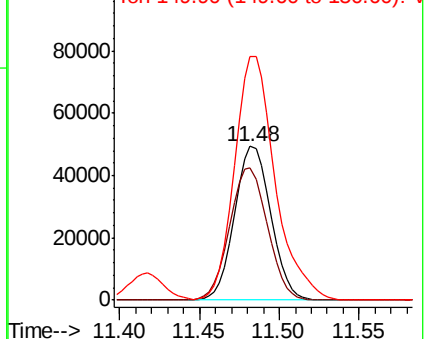
152 100

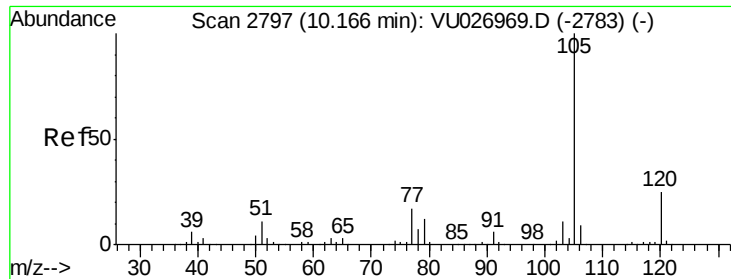
115 89.6 44.9 134.5

150 177.1 0.0 355.8



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





#73

Isopropylbenzene

Concen: 54.164 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

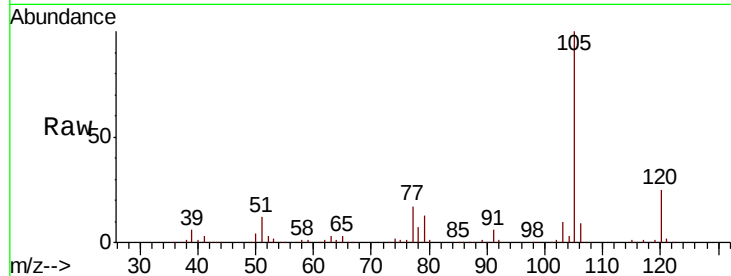
BFB45

Tgt Ion: 105 Resp: 314200

Ion Ratio Lower Upper

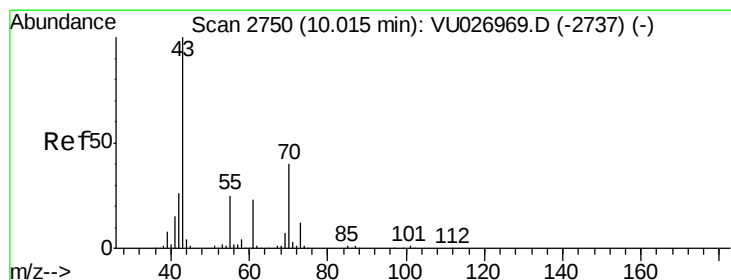
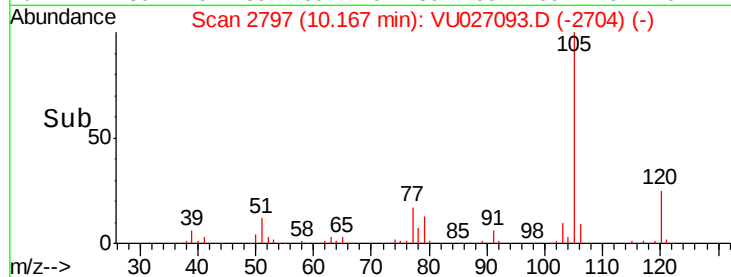
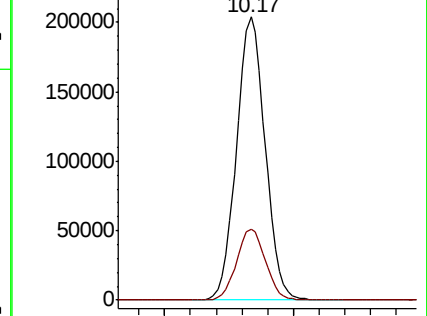
105 100

120 25.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.429 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Tgt Ion: 43 Resp: 179407

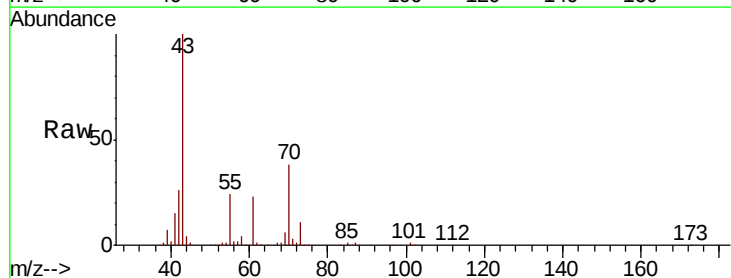
Ion Ratio Lower Upper

43 100

70 38.4 31.8 47.8

55 24.0 19.9 29.9

61 22.7 18.4 27.6

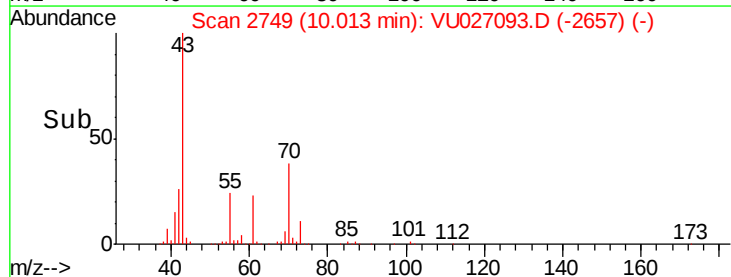
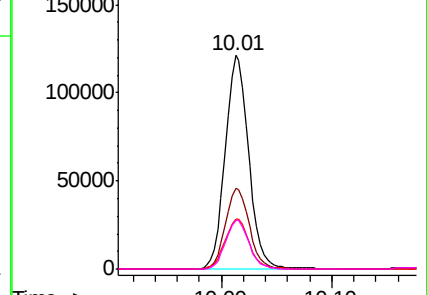


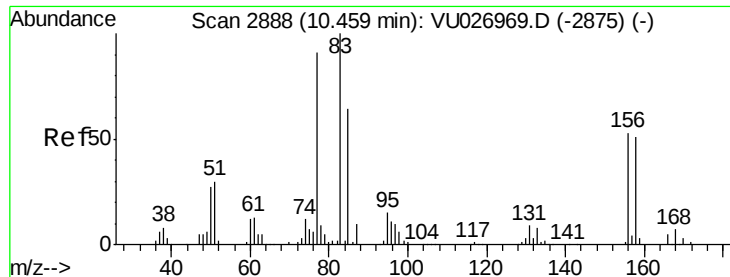
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 45.570 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

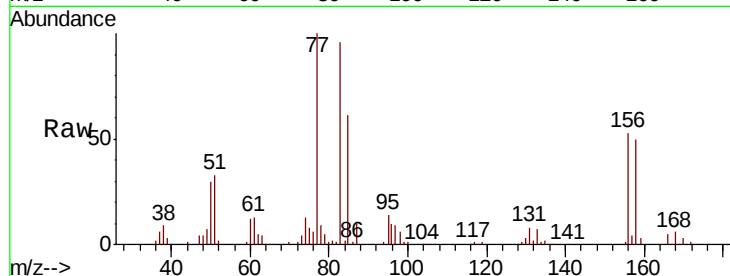
Tgt Ion: 83 Resp: 121541

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

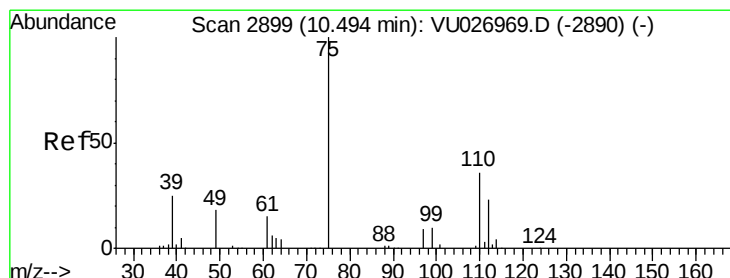
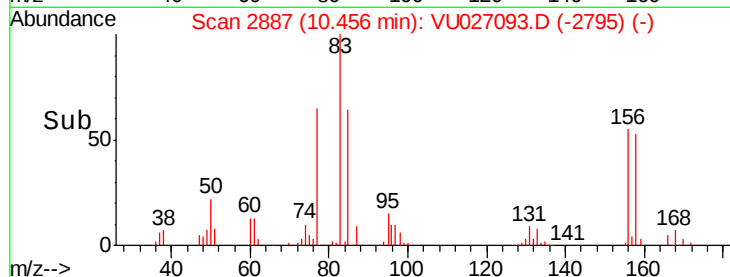
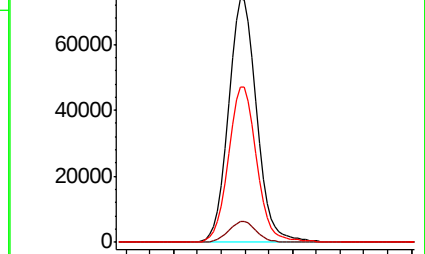
85 64.0 31.9 95.7



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

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

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



#76

1,2,3-Trichloropropane

Concen: 63.504 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027093.D

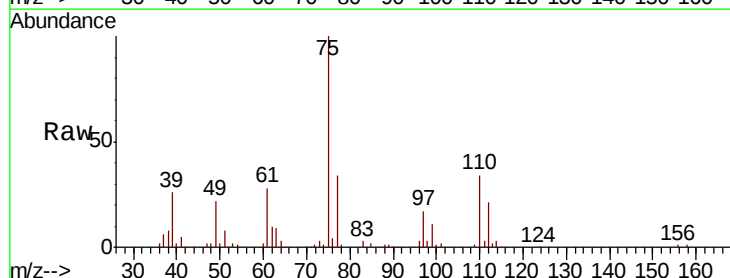
Acq: 24 Sep 2018 08:51

Tgt Ion: 75 Resp: 147121

Ion Ratio Lower Upper

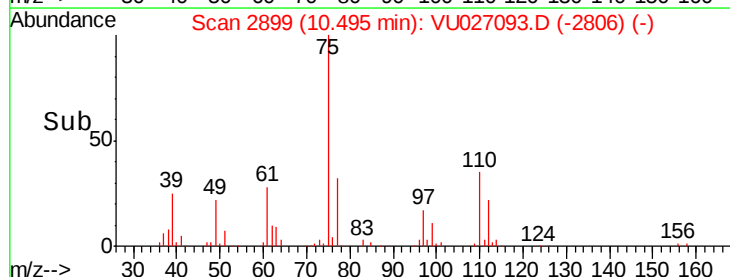
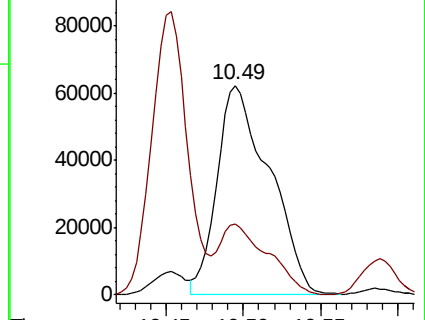
75 100

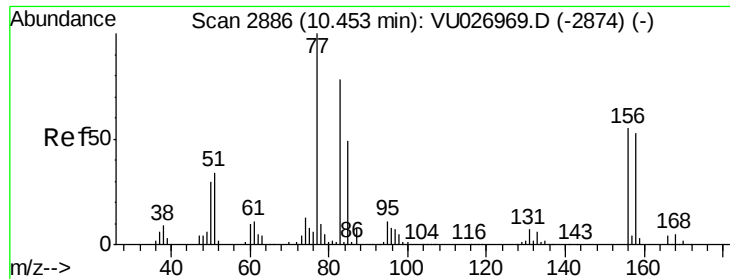
77 31.4 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2890) (-)





#77

Bromobenzene

Concen: 48.941 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

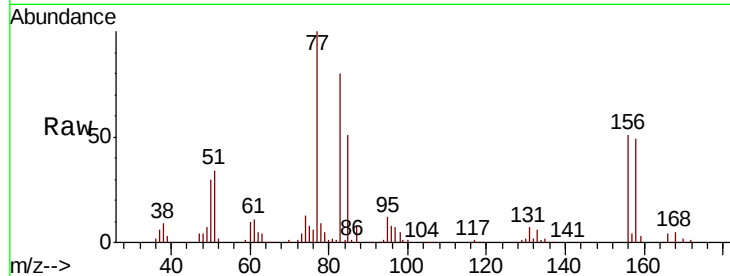
Tgt Ion:156 Resp: 69377

Ion Ratio Lower Upper

156 100

77 195.7 92.3 276.9

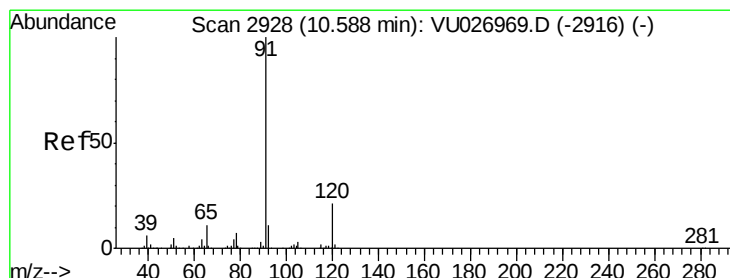
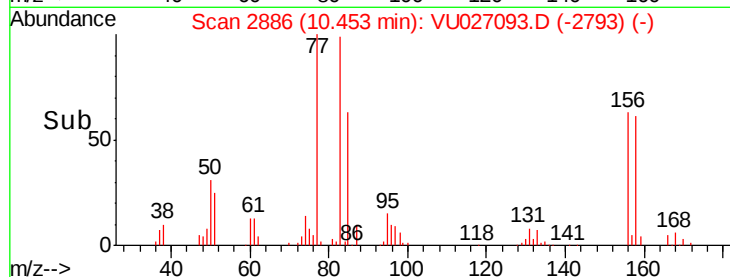
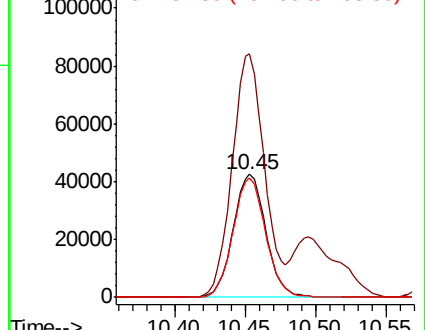
158 96.0 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.551 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027093.D

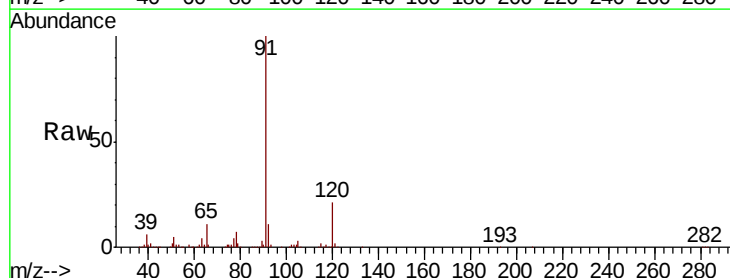
Acq: 24 Sep 2018 08:51

Tgt Ion: 91 Resp: 388158

Ion Ratio Lower Upper

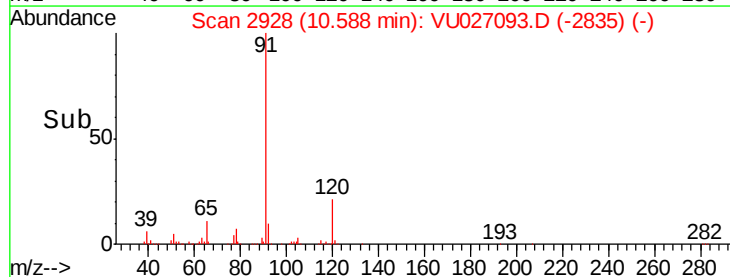
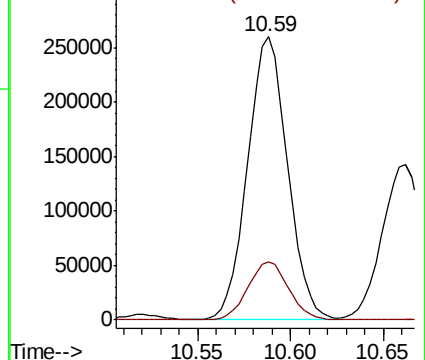
91 100

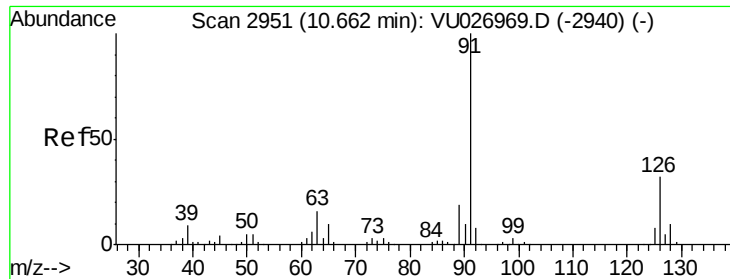
120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

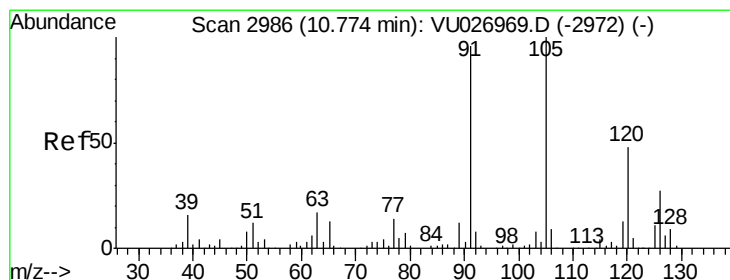
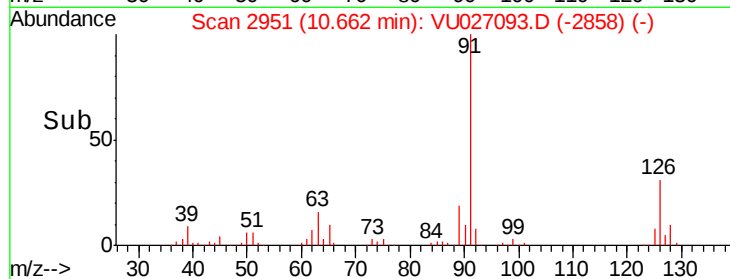
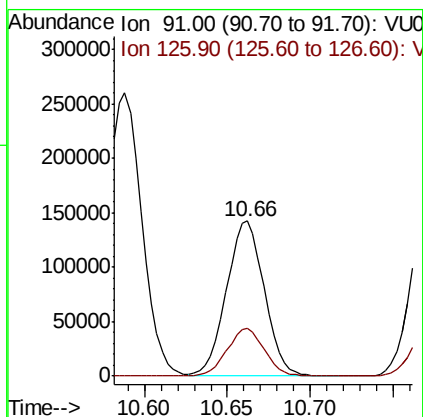
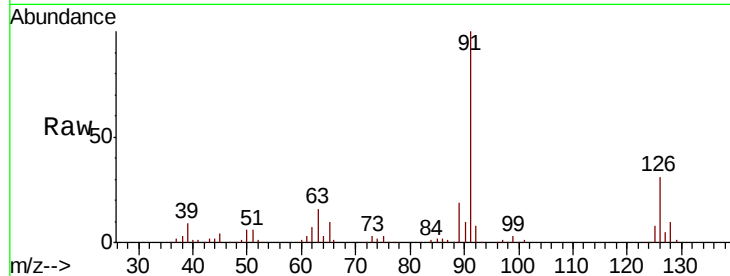




#79
 2-Chlorotoluene
 Concen: 52.103 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

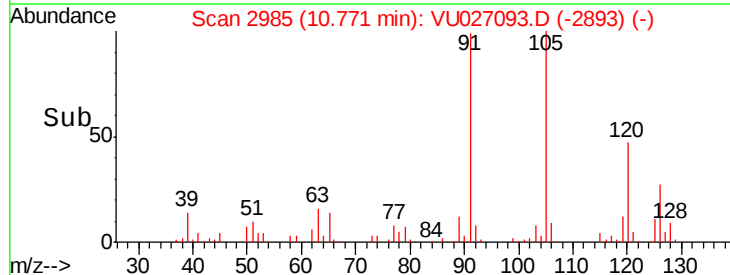
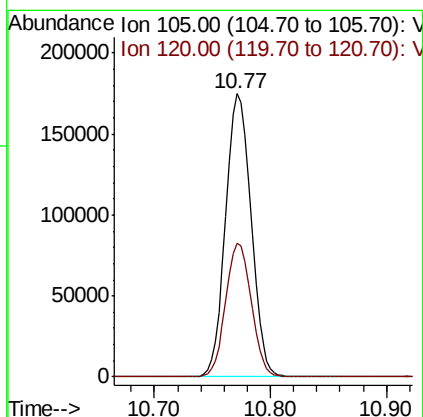
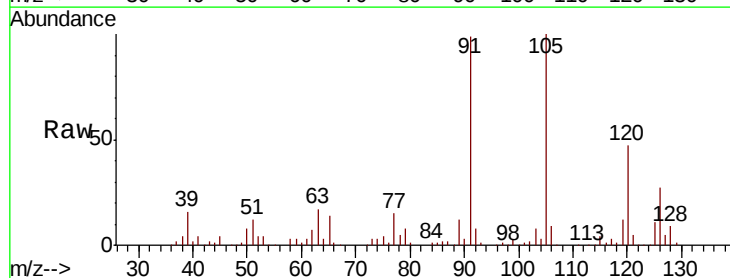
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

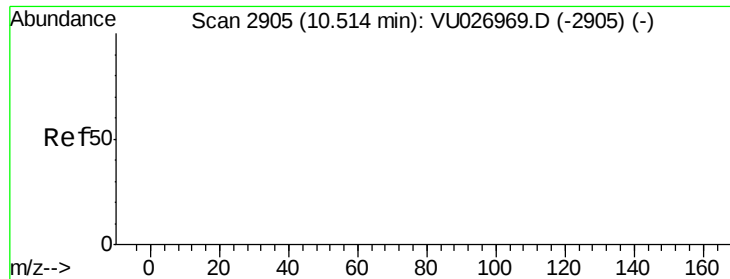
Tgt Ion: 91 Resp: 224636
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.472 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion: 105 Resp: 265630
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 203.223 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

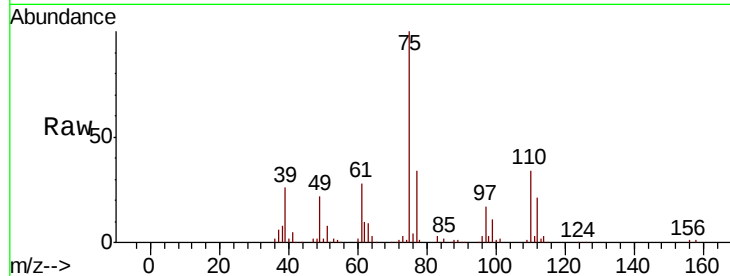
Tgt Ion: 75 Resp: 147121

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

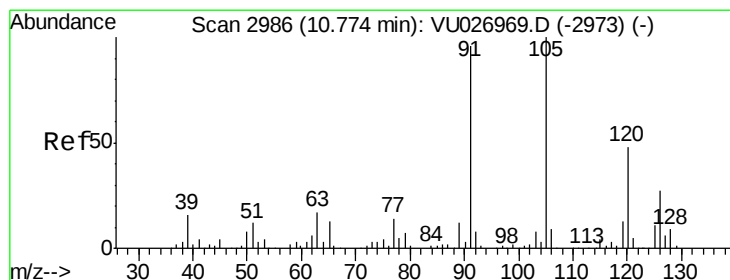
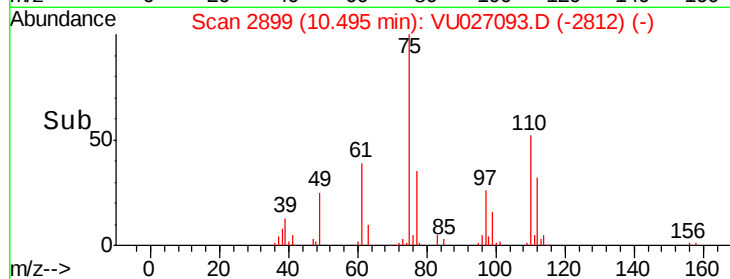
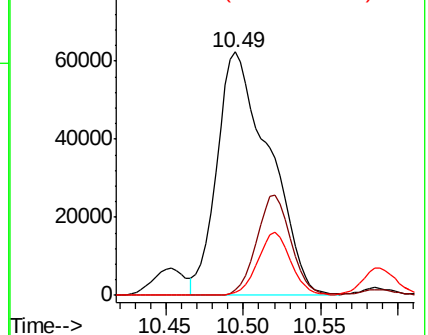
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 54.297 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027093.D

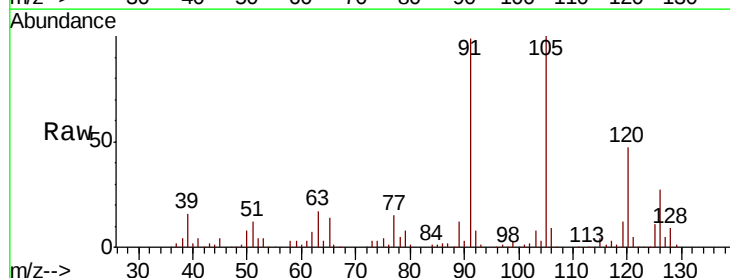
Acq: 24 Sep 2018 08:51

Tgt Ion: 91 Resp: 262487

Ion Ratio Lower Upper

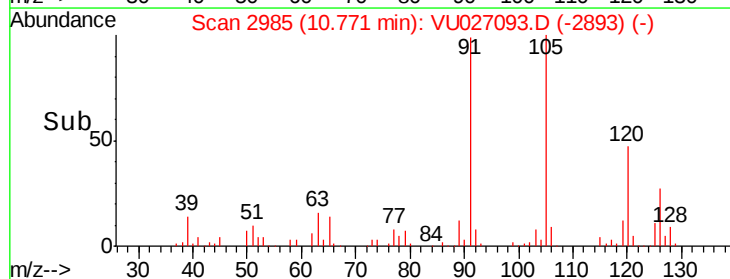
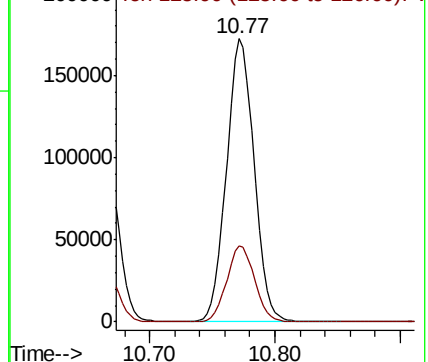
91 100

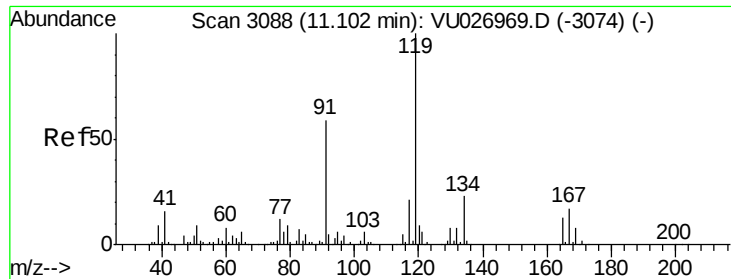
126 27.2 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

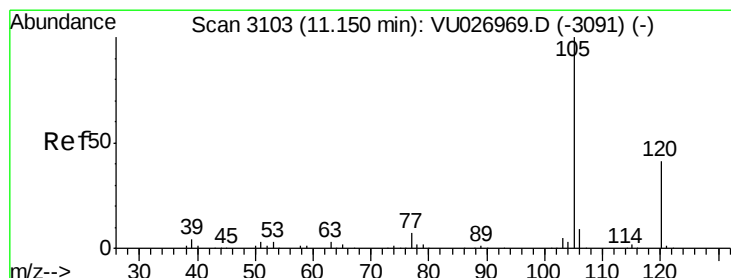
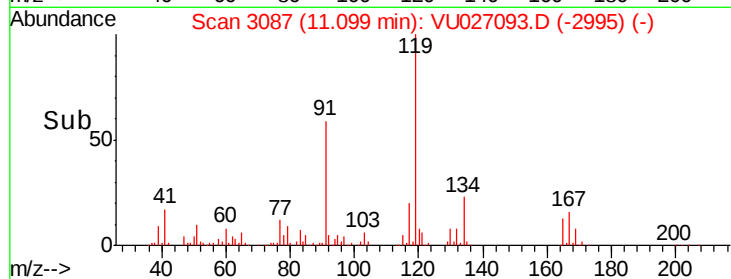
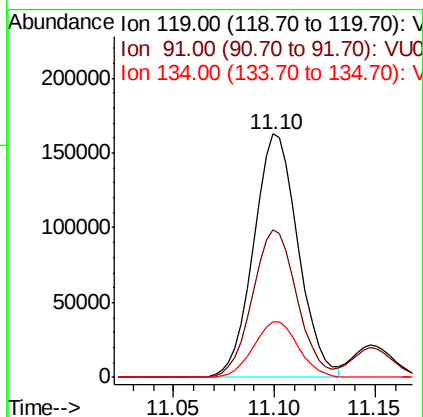
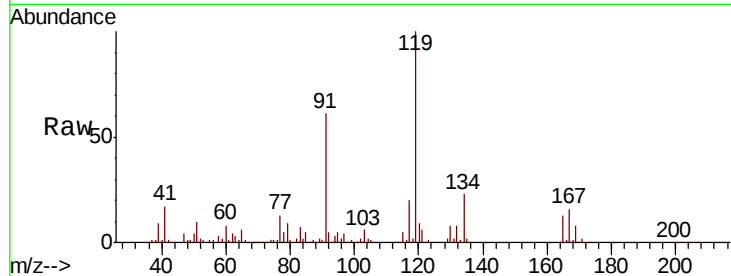




#83
 tert-Butylbenzene
 Concen: 52.988 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

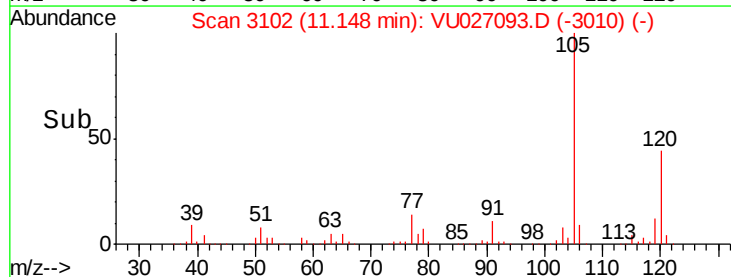
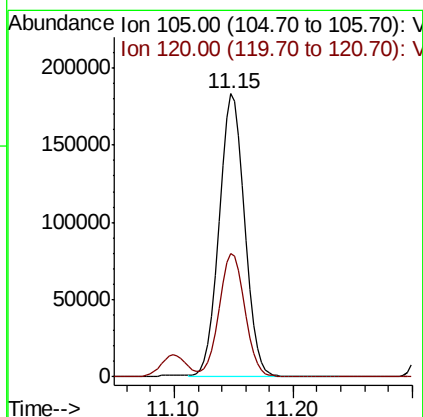
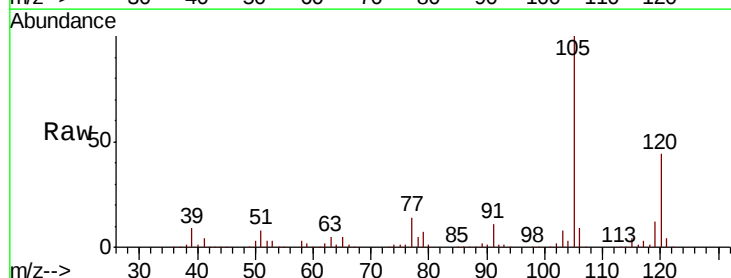
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

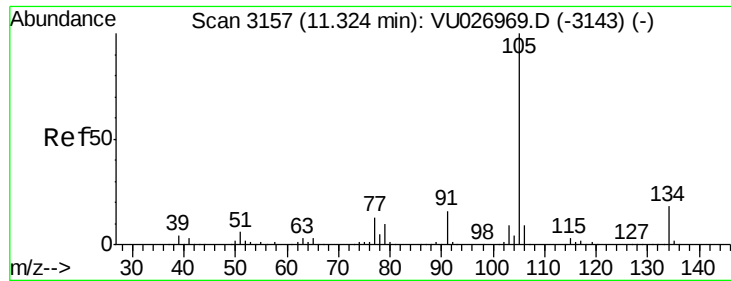
Tgt Ion:119 Resp: 250859
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.8 89.4
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.780 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion:105 Resp: 271830
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2

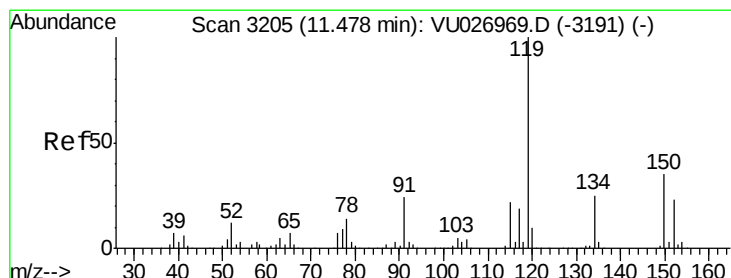
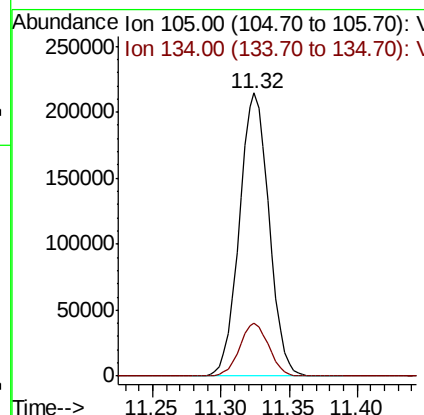
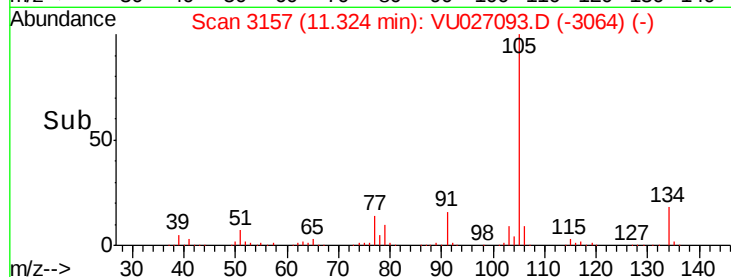
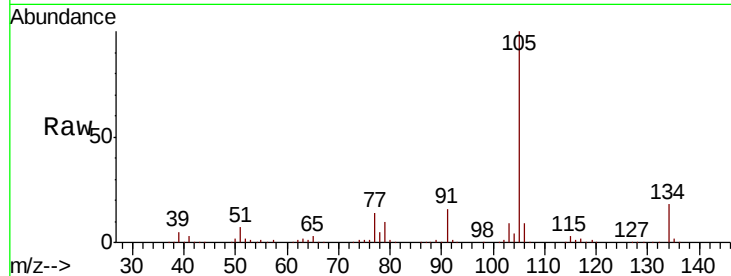




#85
 sec-Butylbenzene
 Concen: 55.943 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

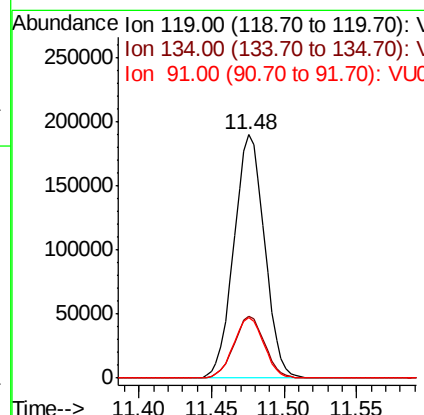
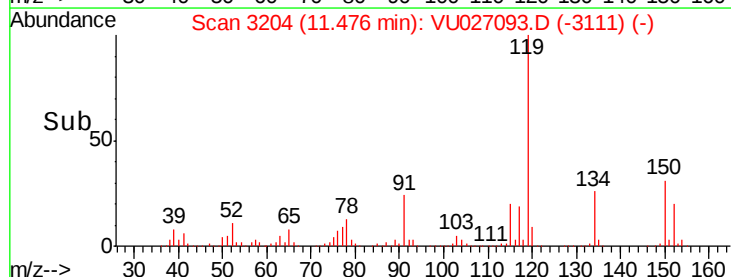
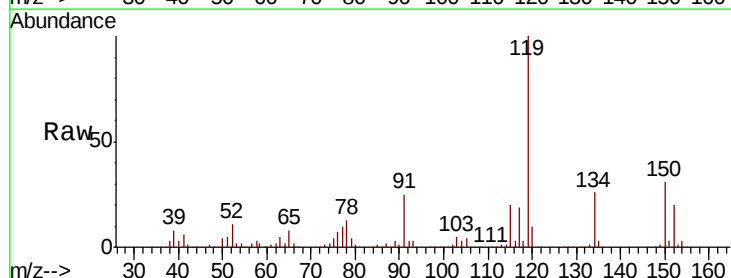
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion:105 Resp: 323296
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.080 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion:119 Resp: 277103
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.8 12.3 36.8

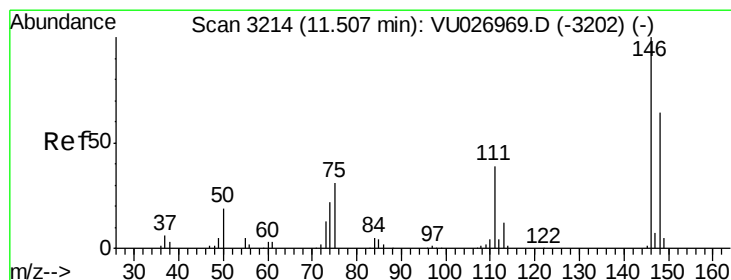
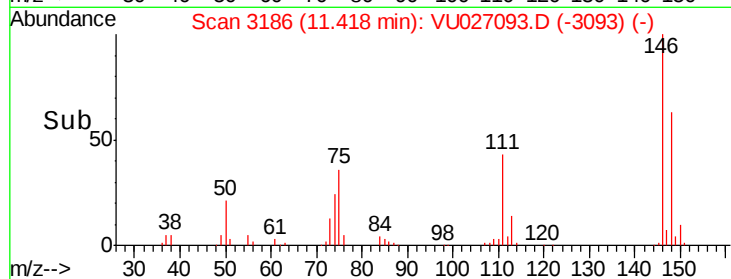
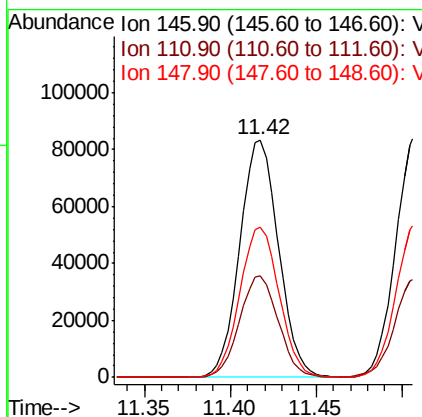
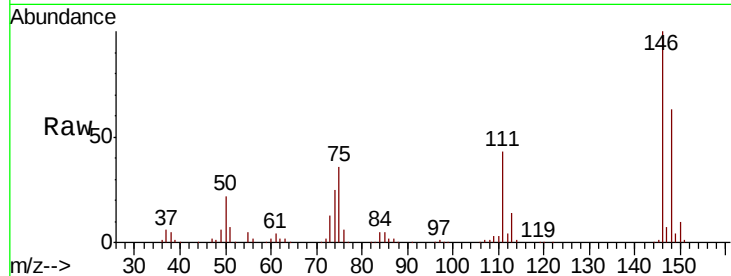




#87
 1,3-Dichlorobenzene
 Concen: 49.660 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

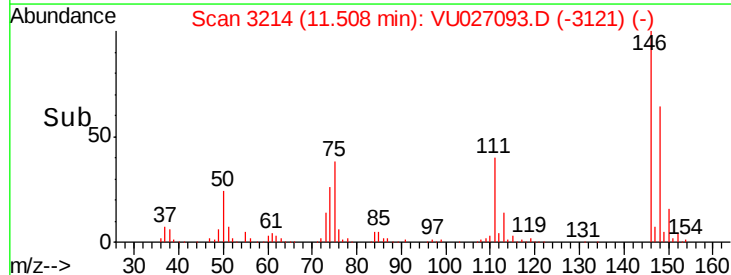
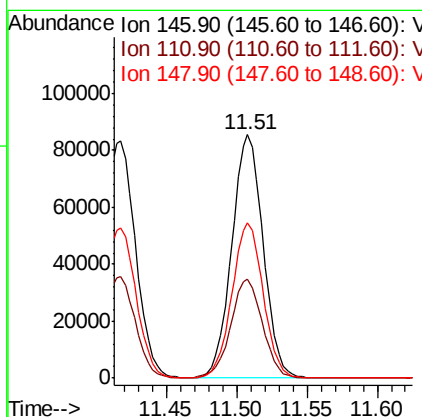
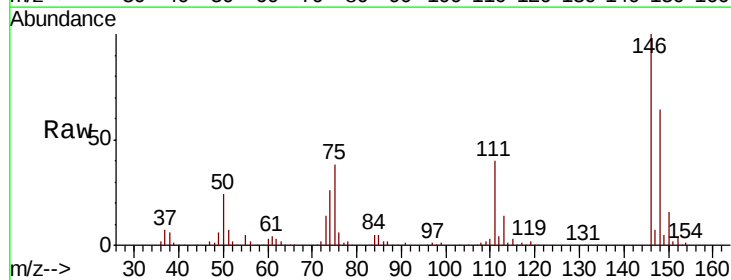
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

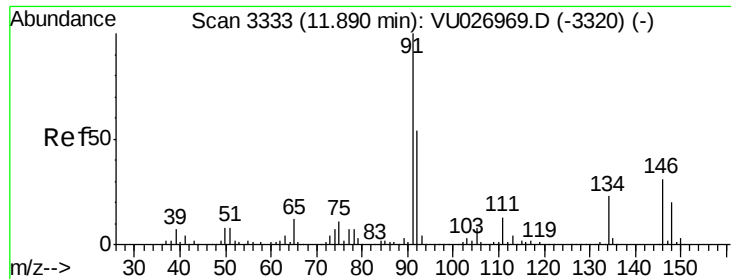
Tgt Ion:146 Resp: 130999
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.2
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.230 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion:146 Resp: 132912
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 50.948 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

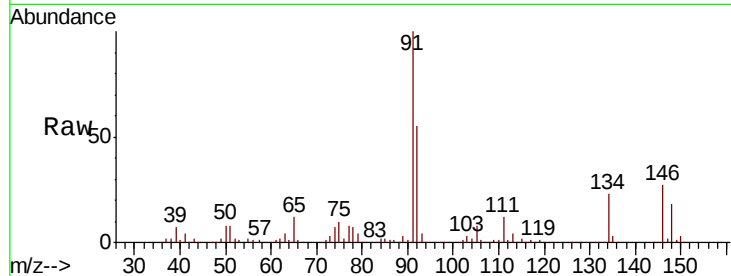
Tgt Ion: 91 Resp: 268069

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

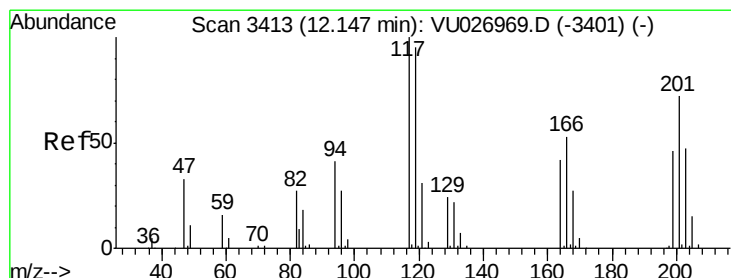
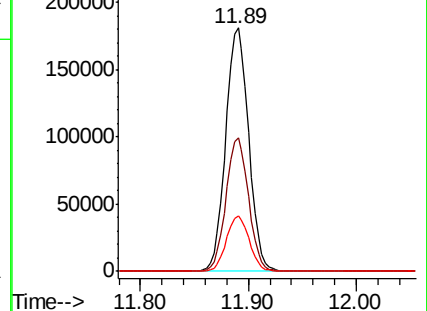
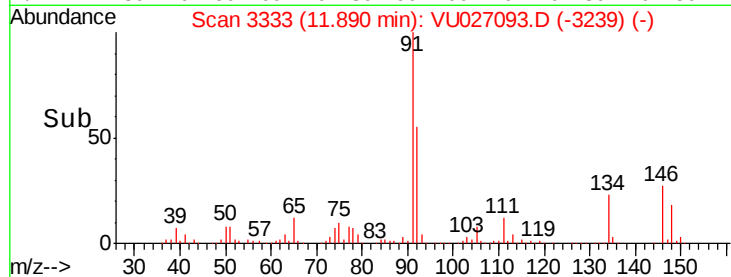
134 22.8 11.7 35.0



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: 48.931 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027093.D

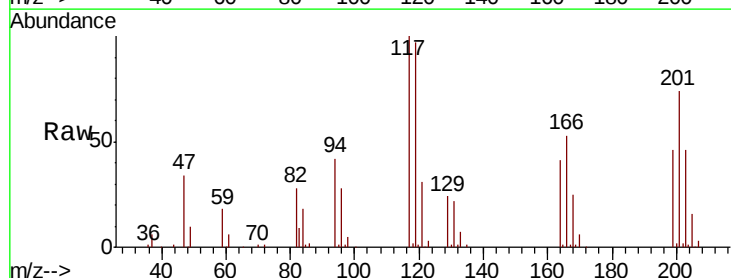
Acq: 24 Sep 2018 08:51

Tgt Ion: 117 Resp: 51422

Ion Ratio Lower Upper

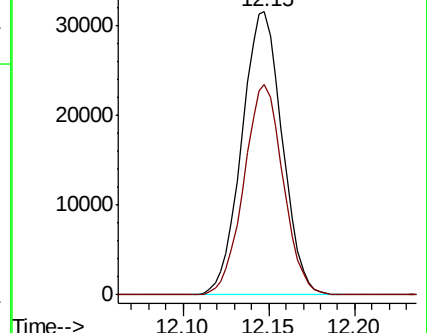
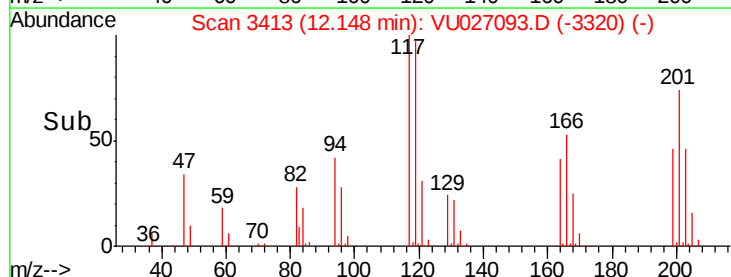
117 100

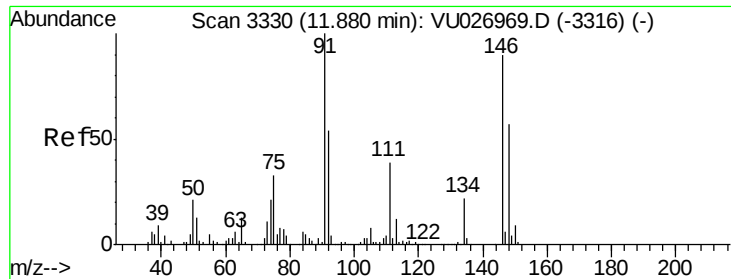
201 72.2 36.8 110.3



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: 47.124 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

Instrument :

MSVOA_U

ClientSampleId :

BFB45

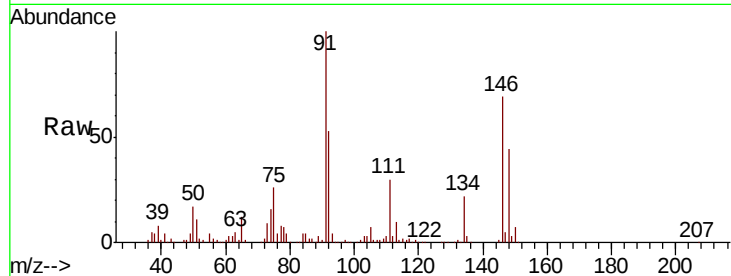
Tgt Ion: 146 Resp: 132046

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.3

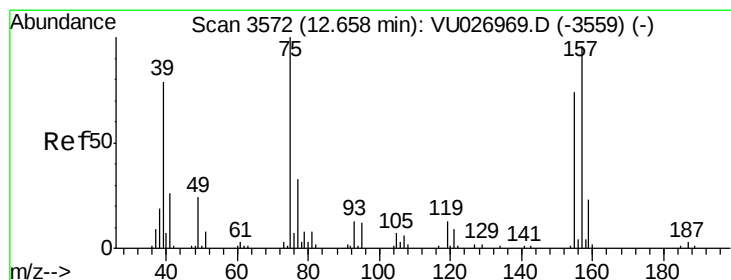
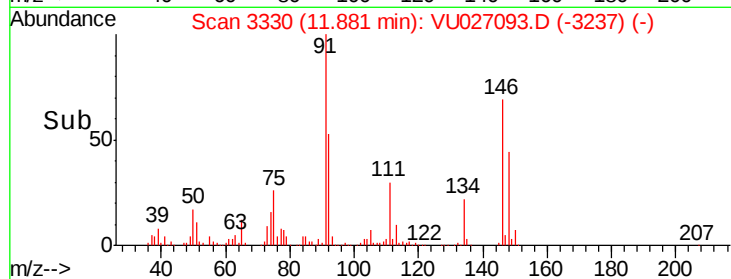
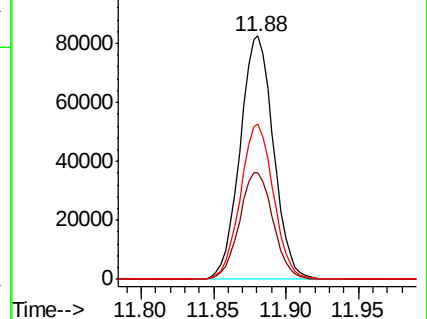
148 63.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.393 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027093.D

Acq: 24 Sep 2018 08:51

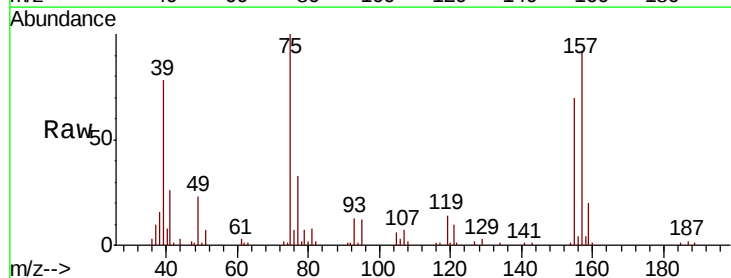
Tgt Ion: 75 Resp: 26875

Ion Ratio Lower Upper

75 100

155 70.1 36.6 109.8

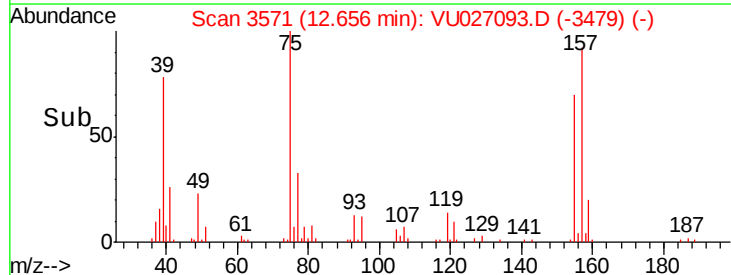
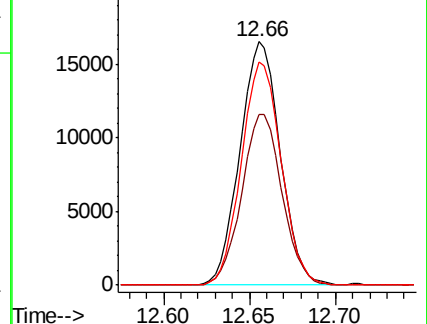
157 90.6 47.4 142.2

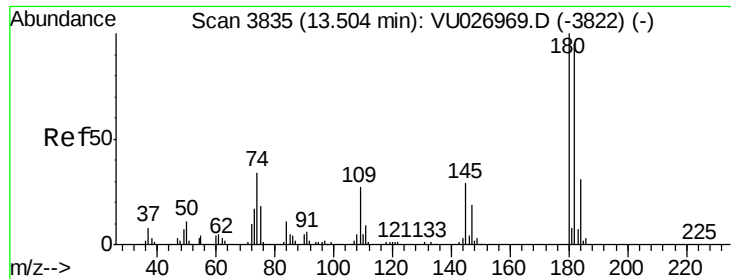


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

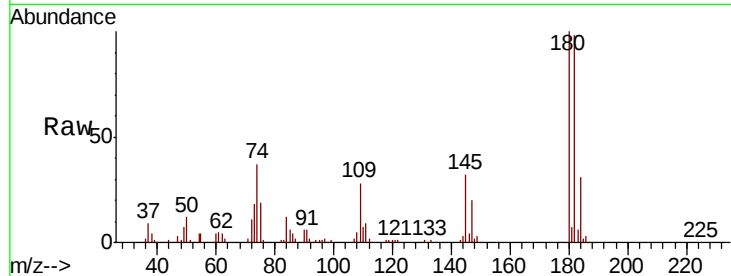




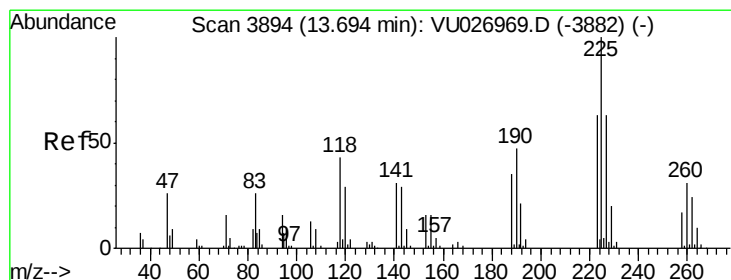
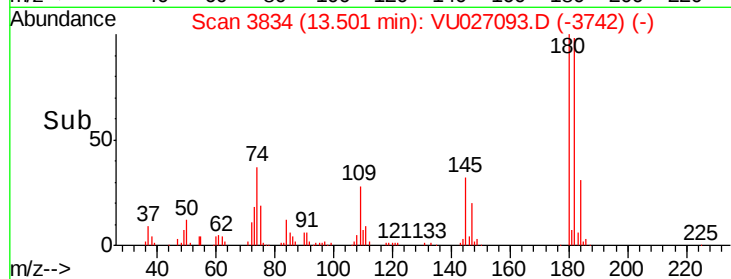
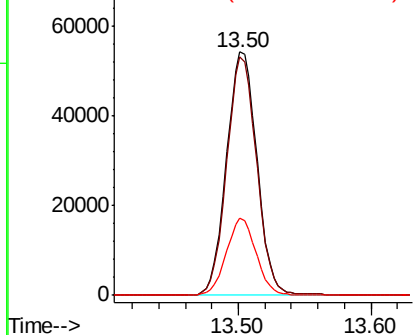
#93
 1,2,4-Trichlorobenzene
 Concen: 53.629 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB45

Tgt Ion:180 Resp: 86598
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.4 142.2
 145 31.1 14.9 44.5

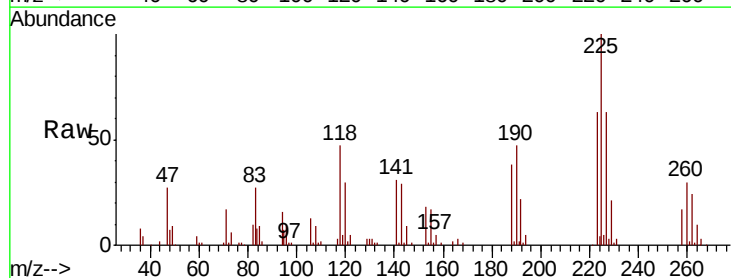


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

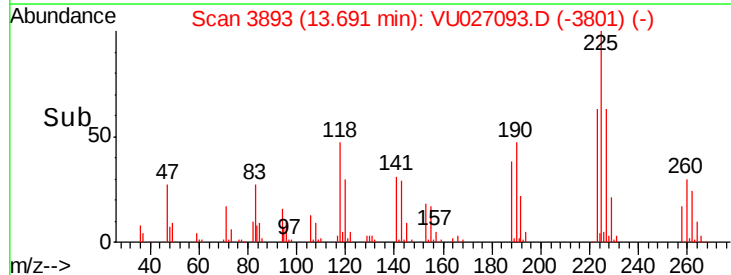
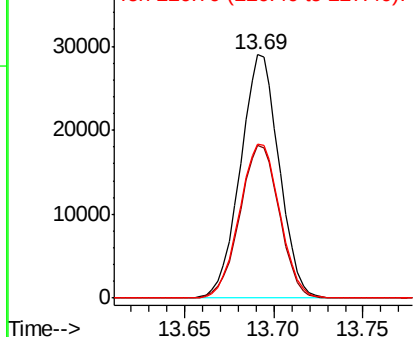


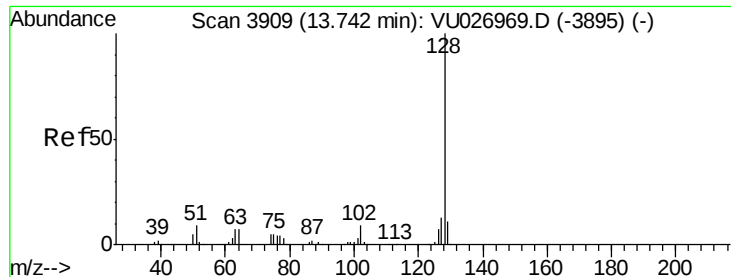
#94
 Hexachlorobutadiene
 Concen: 51.567 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027093.D
 Acq: 24 Sep 2018 08:51

Tgt Ion:225 Resp: 44059
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.9 95.7
 227 65.9 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

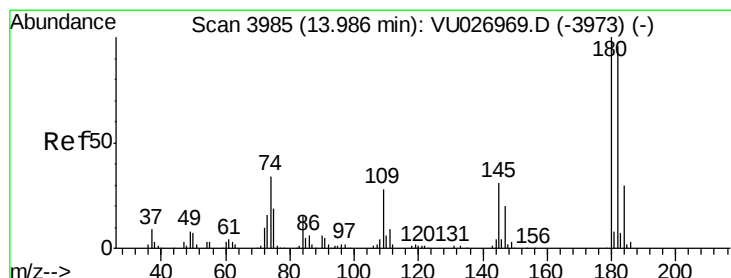
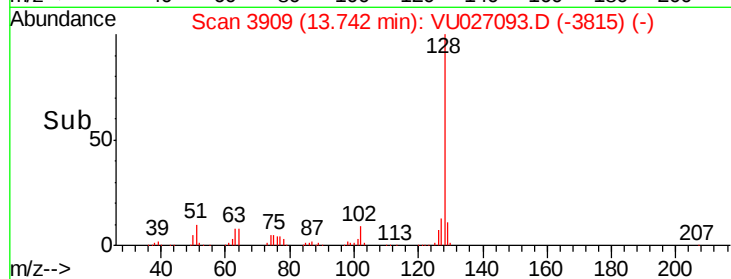
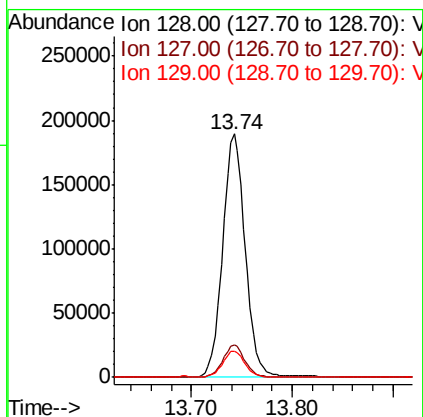
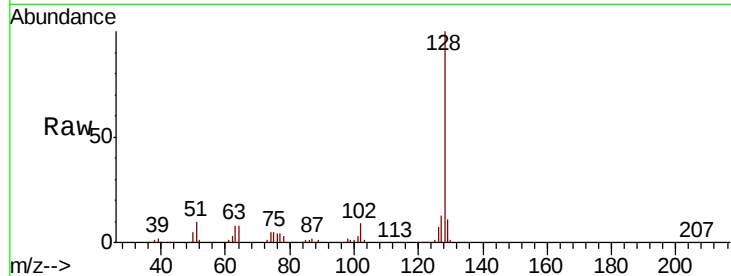




#95
Naphthalene
Concen: 47.188 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Instrument :
MSVOA_U
ClientSampleId :
BFB45

Tgt Ion:128 Resp: 297302
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.409 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027093.D
Acq: 24 Sep 2018 08:51

Tgt Ion:180 Resp: 90754
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 31.5 15.4 46.4

