

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027212.D
 Acq On : 27 Sep 2018 05:27
 Operator : MD/SY
 Sample : J5048-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Quant Time: Sep 27 08:09:06 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	78371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	141510	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	87197	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	4.88	113	62719	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	7.57	98	233277	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.31	95	86238	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	41694	40.747	ug/l	95
3) Chloromethane	1.33	50	67553	38.292	ug/l	100
4) Vinyl Chloride	1.40	62	71229	43.254	ug/l	100
5) Bromomethane	1.62	94	13690	14.598	ug/l	93
6) Chloroethane	1.69	64	48589	46.179	ug/l	100
7) Trichlorofluoromethane	1.88	101	83783	44.796	ug/l	99
8) Diethyl Ether	2.10	74	42037	46.695	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49833	43.333	ug/l	98
10) Methyl Iodide	2.41	142	10779	7.557	ug/l	99
11) Tert butyl alcohol	2.83	59	103253	285.593	ug/l	98
12) 1,1-Dichloroethene	2.28	96	49021	45.288	ug/l	97
13) Acrolein	2.19	56	33899	173.936	ug/l	100
14) Allyl chloride	2.59	41	110245	50.216	ug/l	97
15) Acrylonitrile	2.94	53	252005	276.559	ug/l	99
16) Acetone	2.32	43	226525	271.805	ug/l	99
17) Carbon Disulfide	2.48	76	148486	42.110	ug/l	100
18) Methyl Acetate	2.62	43	110951	49.420	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	221934	55.795	ug/l	99
20) Methylene Chloride	2.70	84	66901	47.359	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	55812	48.294	ug/l	99
22) Diisopropyl ether	3.57	45	266351	56.721	ug/l	97
23) Vinyl Acetate	3.53	43	924342	230.925	ug/l	100
24) 1,1-Dichloroethane	3.45	63	135373	52.343	ug/l	100
25) 2-Butanone	4.26	43	361795	272.933	ug/l	99
26) 2,2-Dichloropropane	4.23	77	56145	27.836	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	76399	58.538	ug/l	96
28) Bromochloromethane	4.55	49	76617	61.456	ug/l	96
29) Tetrahydrofuran	4.64	42	233486	291.170	ug/l	97
30) Chloroform	4.67	83	120569	50.223	ug/l	98
31) Cyclohexane	5.00	56	111364	47.339	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	99467	51.894	ug/l	98
36) 1,1-Dichloropropene	5.14	75	85800	45.430	ug/l	99
37) Ethyl Acetate	4.38	43	107324	41.978	ug/l	100
38) Carbon Tetrachloride	5.14	117	82396	45.845	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	92162	44.905	ug/l	99
40) Benzene	5.39	78	265376	46.222	ug/l	99
41) Methacrylonitrile	4.54	41	73617	55.443	ug/l	97
42) 1,2-Dichloroethane	5.40	62	103451	47.692	ug/l	100
43) Isopropyl Acetate	5.55	43	182412	48.922	ug/l	99
44) Trichloroethene	6.19	130	63264	51.759	ug/l	100
45) 1,2-Dichloropropane	6.43	63	81415	49.767	ug/l	98
46) Dibromomethane	6.56	93	46531	47.096	ug/l	99
47) Bromodichloromethane	6.76	83	95833	47.969	ug/l	99
48) Methyl methacrylate	6.62	41	101276	49.906	ug/l	99
49) 1,4-Dioxane	6.61	88	37709	935.521	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	684535	272.972	ug/l	99
52) Toluene	7.64	92	161657	49.122	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	101657	47.360	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	106985	45.331	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69598	49.911	ug/l	99
56) Ethyl methacrylate	8.02	69	117974	48.814	ug/l	98
57) 1,3-Dichloropropane	8.24	76	128637	49.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.26	63	521	5.233	ug/l #	52
59) 2-Hexanone	8.36	43	528790	269.380	ug/l	100
60) Dibromochloromethane	8.48	129	69670	50.935	ug/l	98
61) 1,2-Dibromoethane	8.59	107	70402	48.523	ug/l	99
64) Tetrachloroethene	8.23	164	46122	43.110	ug/l	98
65) Chlorobenzene	9.12	112	170057	46.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	61937	48.846	ug/l	99
67) Ethyl Benzene	9.25	91	302918	50.039	ug/l	100
68) m/p-Xylenes	9.38	106	223426	91.267	ug/l	99
69) o-Xylene	9.78	106	110585	51.558	ug/l	99
70) Styrene	9.79	104	178264	44.711	ug/l	99
71) Bromoform	9.96	173	51924	52.954	ug/l #	100
73) Isopropylbenzene	10.17	105	297158	51.989	ug/l	99
74) N-amyl acetate	10.01	43	151852	45.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	122180	46.493	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	137470	60.223	ug/l	82
77) Bromobenzene	10.45	156	68980	49.386	ug/l	98
78) n-propylbenzene	10.59	91	348642	51.551	ug/l	99
79) 2-Chlorotoluene	10.66	91	209669	49.356	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	242607	51.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	137470	192.723	ug/l #	100
82) 4-Chlorotoluene	10.77	91	239016	50.179	ug/l	99
83) tert-Butylbenzene	11.10	119	240982	51.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	249392	51.939	ug/l	98
85) sec-Butylbenzene	11.32	105	291412	51.177	ug/l	100
86) p-Isopropyltoluene	11.48	119	245547	46.031	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	124063	47.732	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	125584	44.332	ug/l	100
89) n-Butylbenzene	11.89	91	220965	43.013	ug/l	99
90) Hexachloroethane	12.15	117	47074	45.461	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	127696	46.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27413	51.133	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
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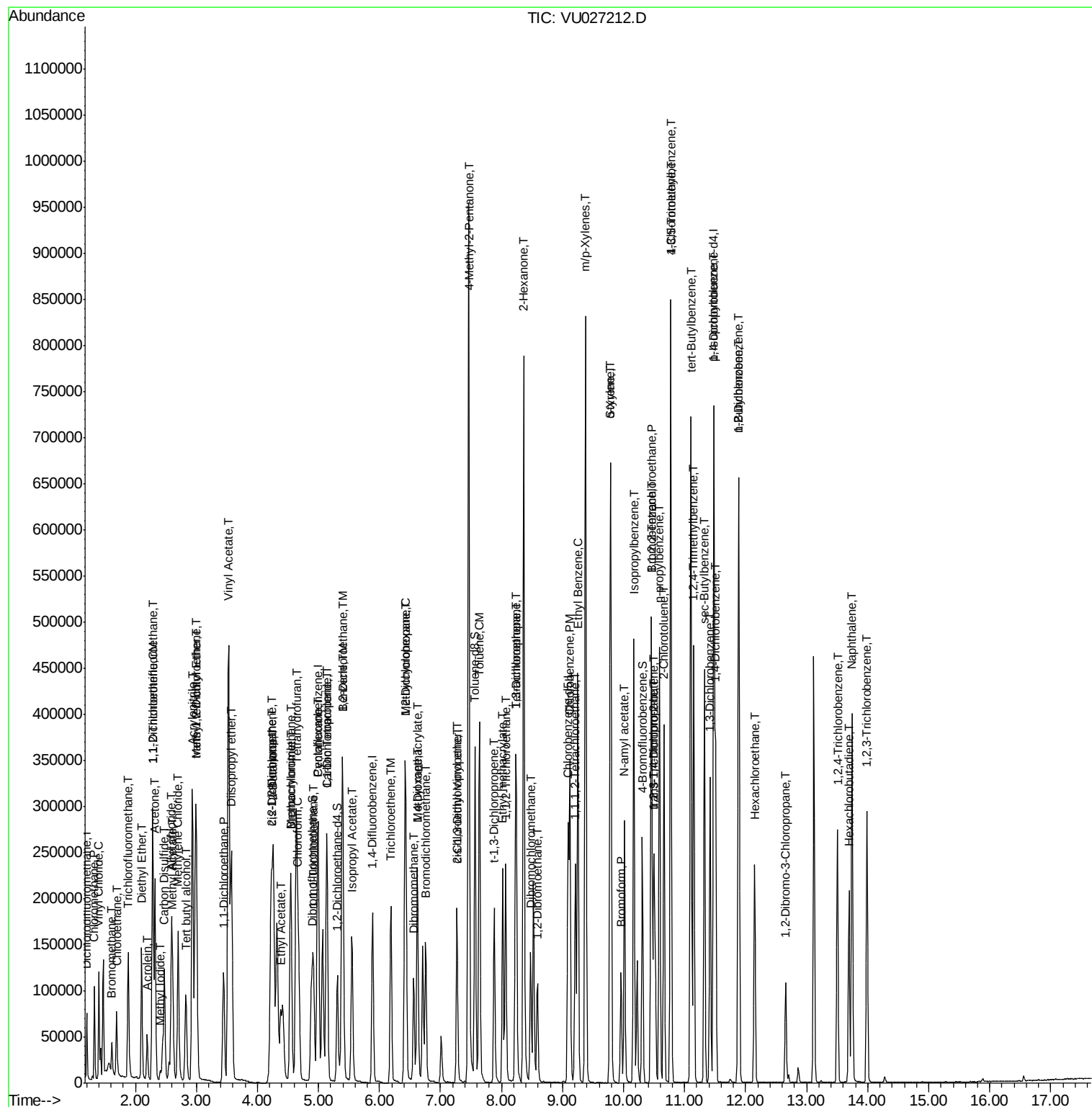
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	80362	50.509	ug/l	99
94) Hexachlorobutadiene	13.69	225	36682	43.573	ug/l	99
95) Naphthalene	13.74	128	291196	46.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	85592	50.164	ug/l	99

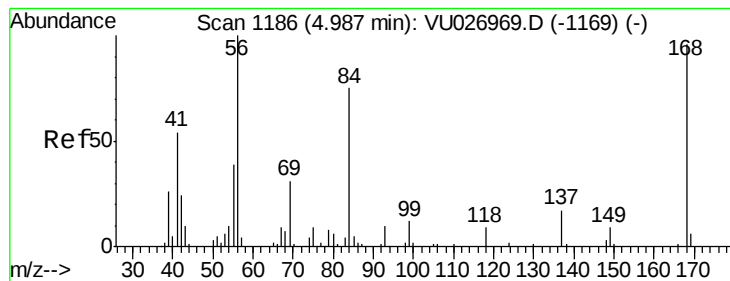
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

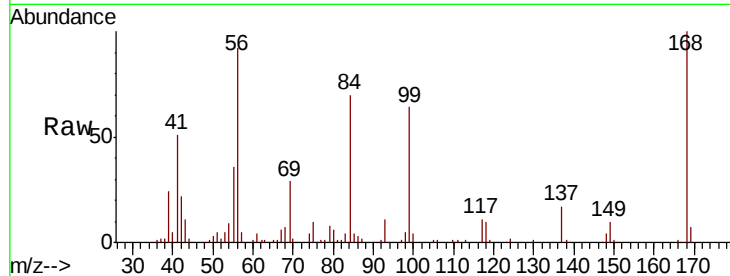
CMT-22-6-SEP18MS

Tgt Ion:168 Resp: 78371

Ion Ratio Lower Upper

168 100

99 63.3 48.1 72.1



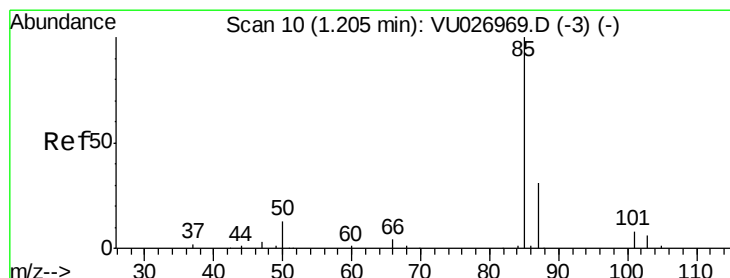
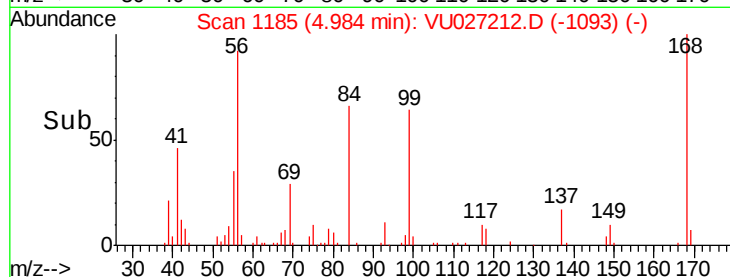
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.98

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 40.747 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027212.D

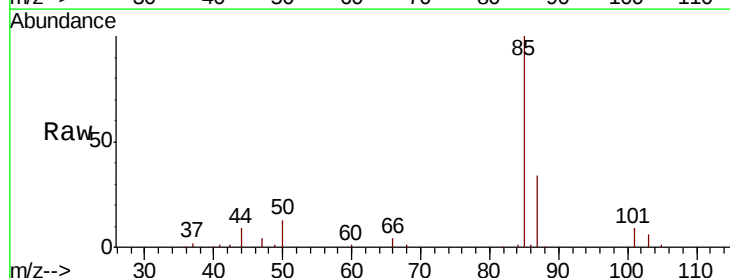
Acq: 27 Sep 2018 05:27

Tgt Ion: 85 Resp: 41694

Ion Ratio Lower Upper

85 100

87 33.9 15.6 46.7



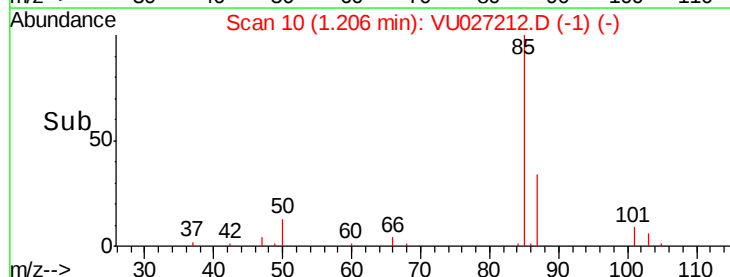
Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

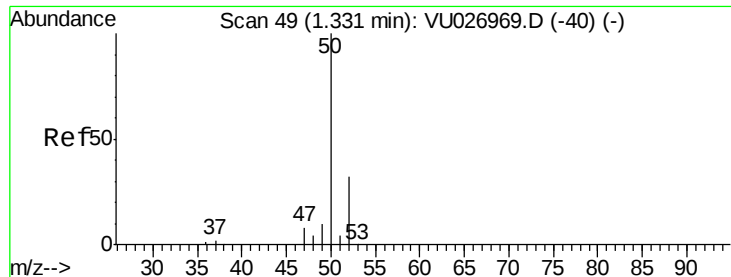
Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 38.292 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

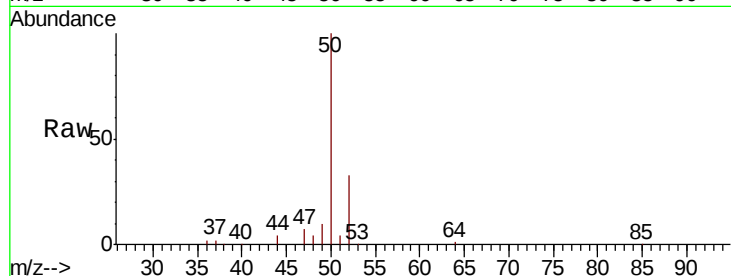
CMT-22-6-SEP18MS

Tgt Ion: 50 Resp: 67553

Ion Ratio Lower Upper

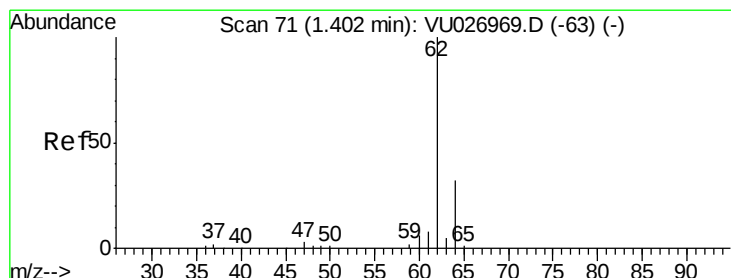
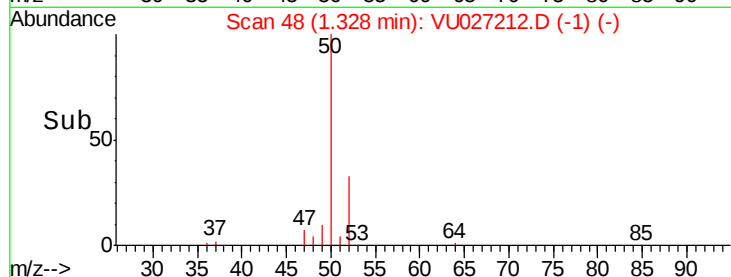
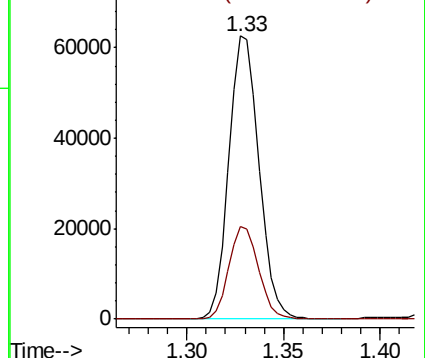
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 43.254 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027212.D

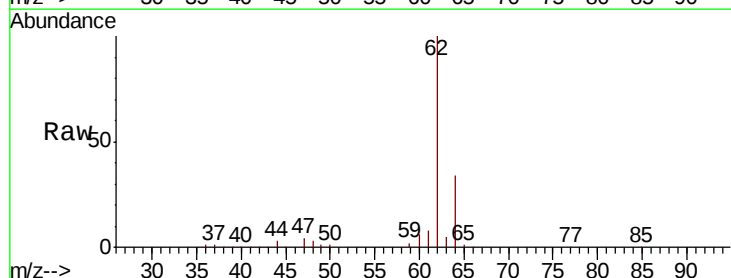
Acq: 27 Sep 2018 05:27

Tgt Ion: 62 Resp: 71229

Ion Ratio Lower Upper

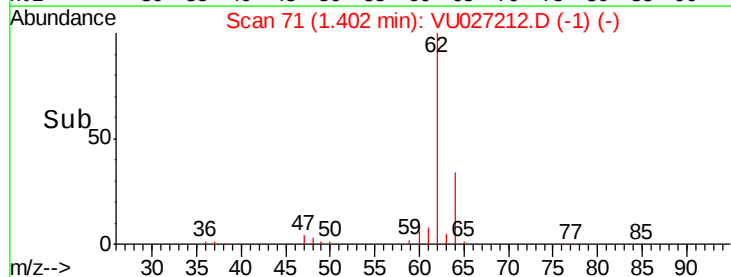
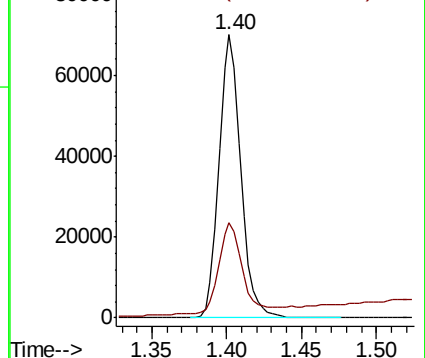
62 100

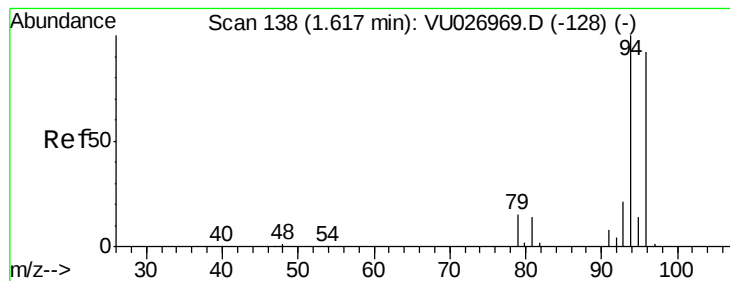
64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 14.598 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

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ClientSampleId :

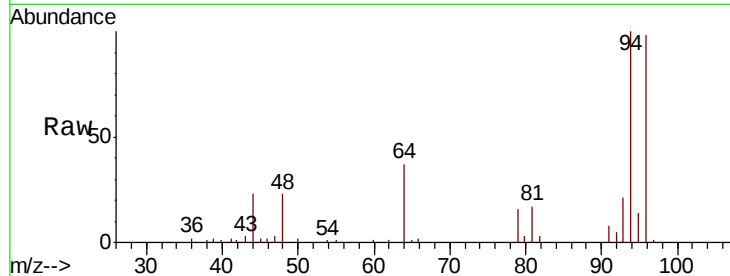
CMT-22-6-SEP18MS

Tgt Ion: 94 Resp: 13690

Ion Ratio Lower Upper

94 100

96 98.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

12000

10000

8000

6000

4000

2000

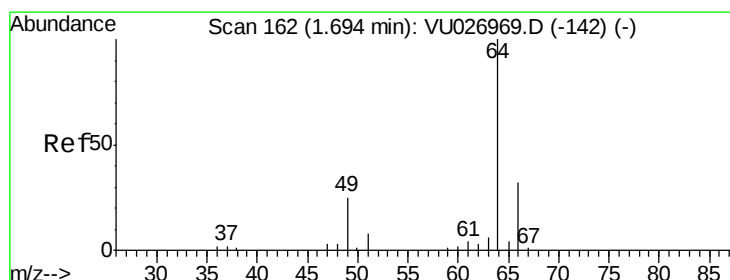
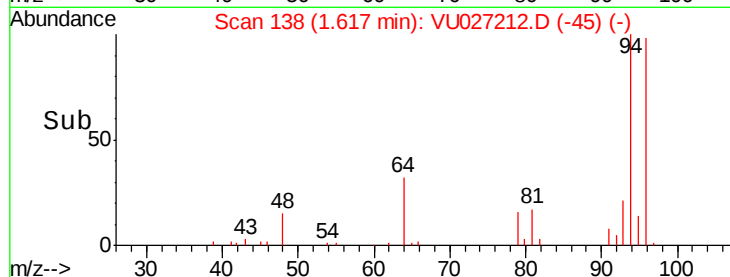
0

Time-->

1.55

1.60

1.65



#6

Chloroethane

Concen: 46.179 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027212.D

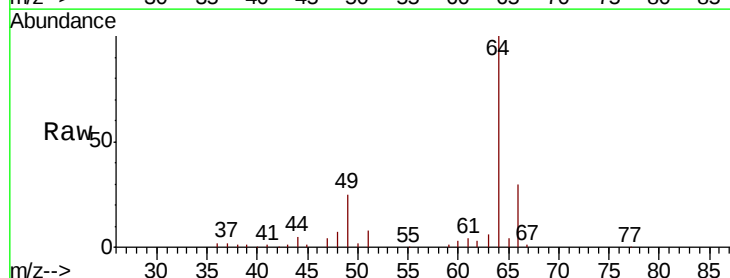
Acq: 27 Sep 2018 05:27

Tgt Ion: 64 Resp: 48589

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

40000

30000

20000

10000

0

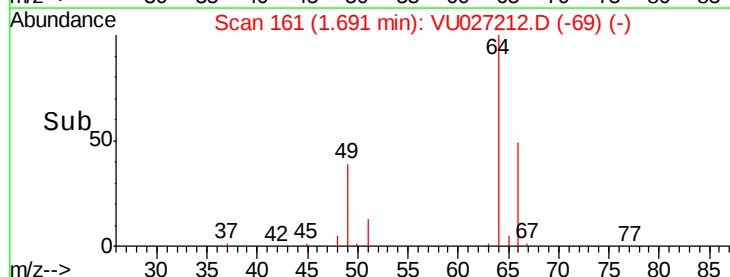
Time-->

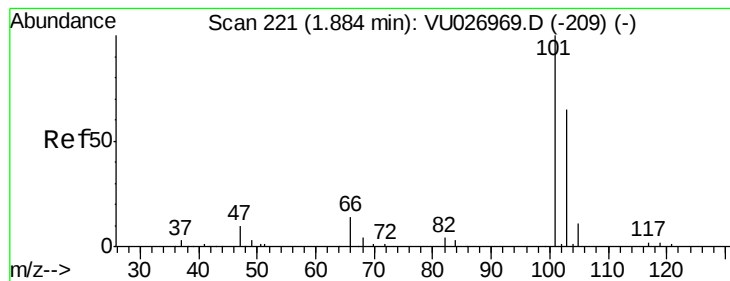
1.65

1.70

1.75

1.80



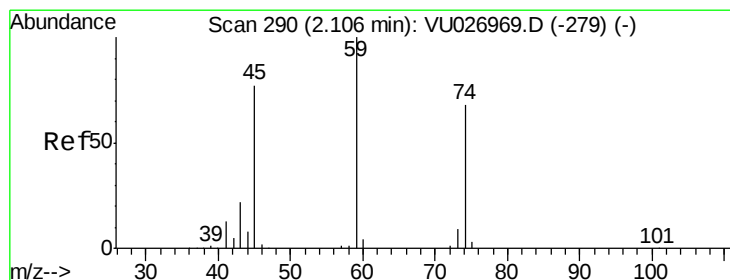
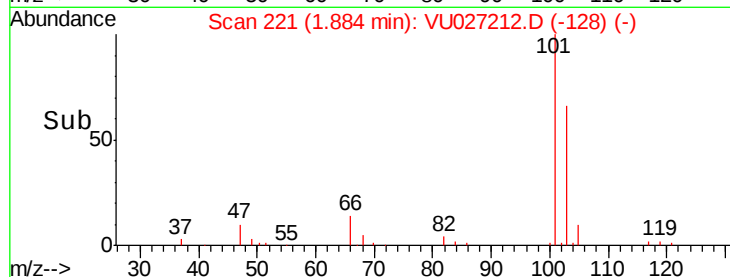
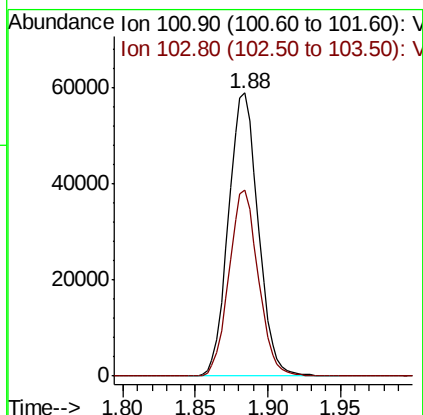
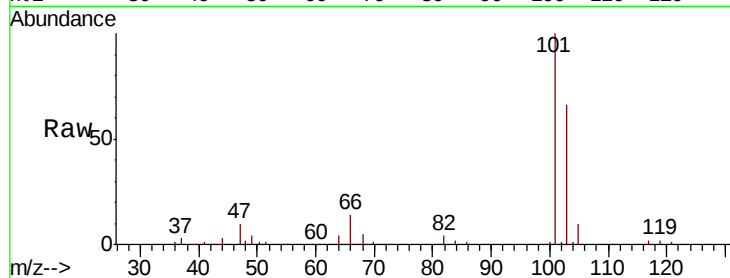


#7

Trichlorofluoromethane
 Concen: 44.796 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

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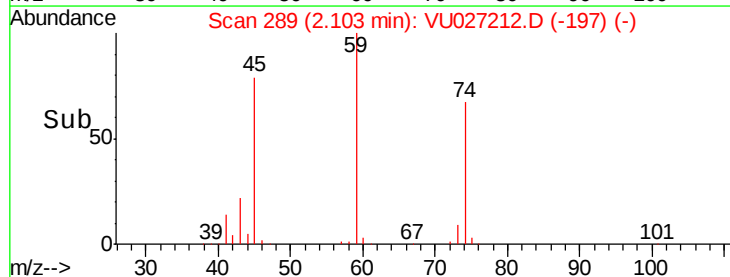
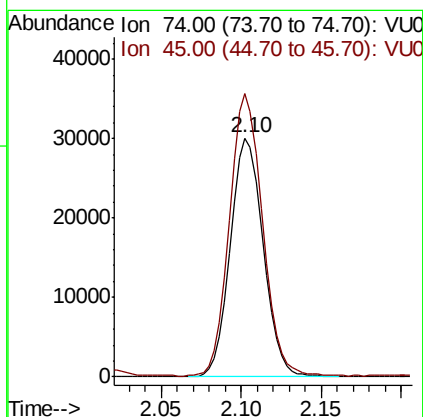
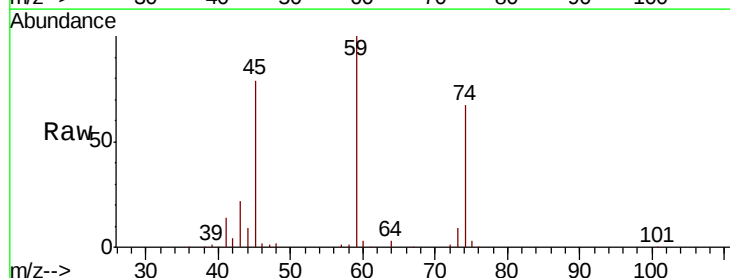
Tgt Ion: 101 Resp: 83783
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.2

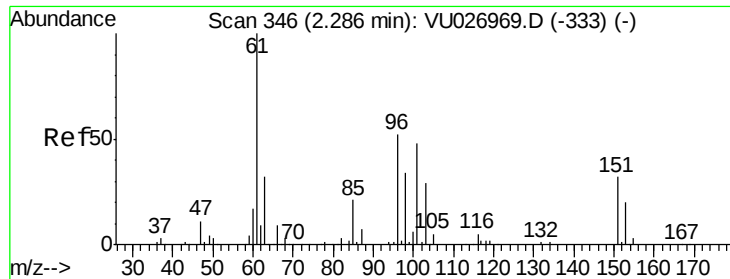


#8

Diethyl Ether
 Concen: 46.695 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 74 Resp: 42037
 Ion Ratio Lower Upper
 74 100
 45 118.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.333 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027212.D

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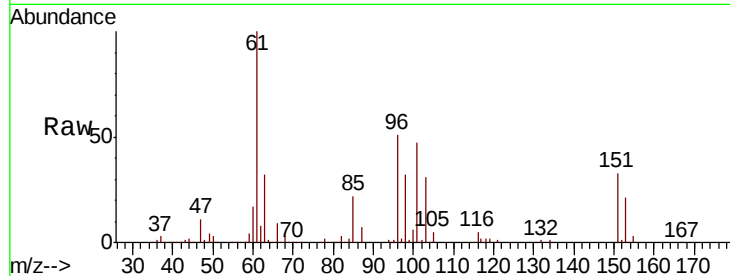
Tgt Ion:101 Resp: 49833

Ion Ratio Lower Upper

101 100

85 46.4 36.2 54.2

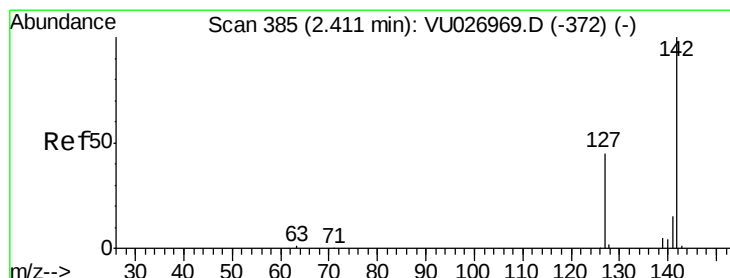
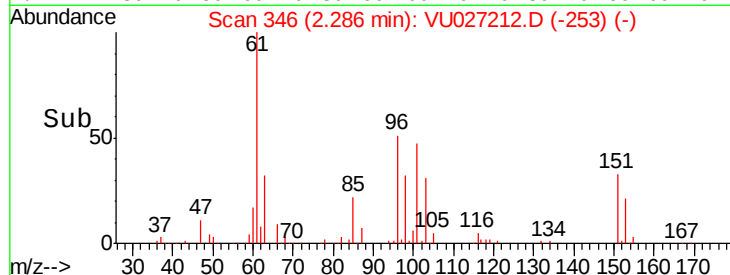
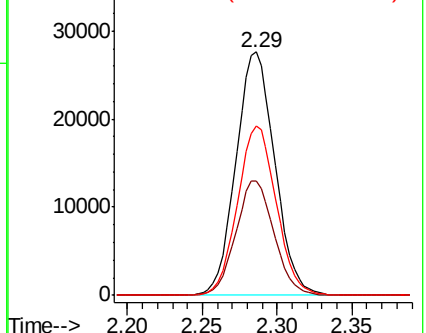
151 69.2 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.557 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

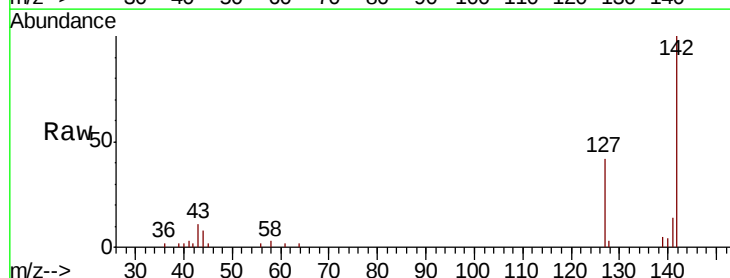
Tgt Ion:142 Resp: 10779

Ion Ratio Lower Upper

142 100

127 45.3 36.7 55.1

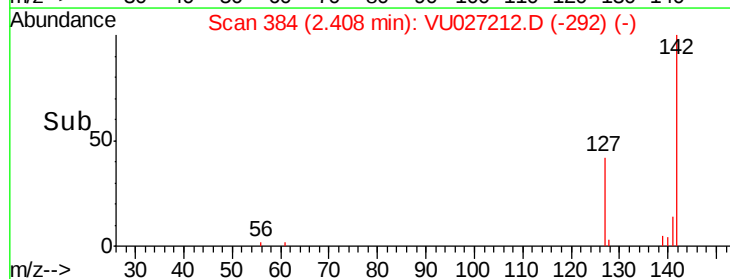
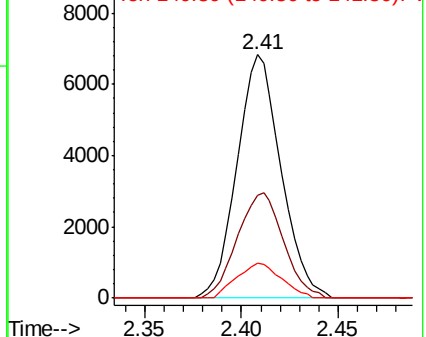
141 14.6 11.8 17.6

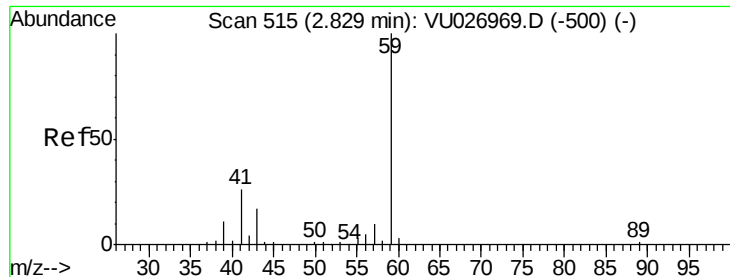


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

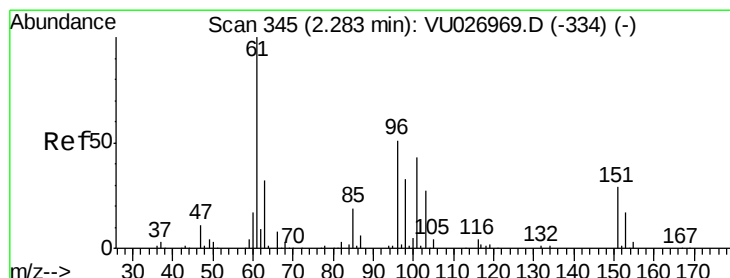
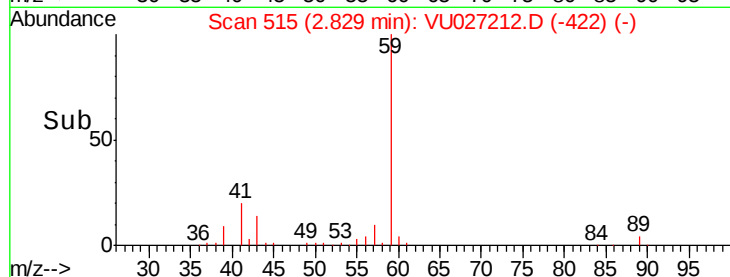
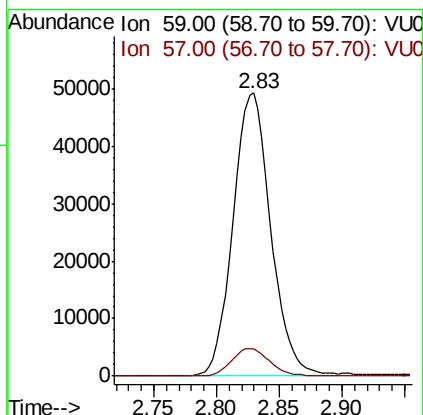
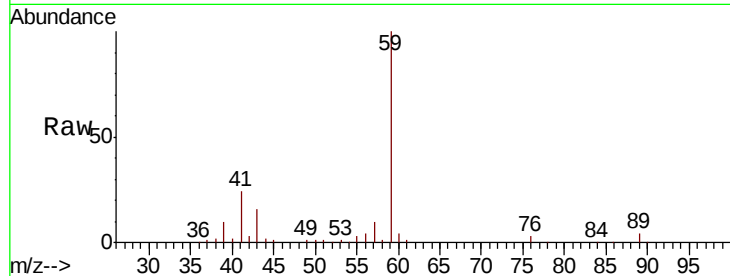




#11
Tert butyl alcohol
Concen: 285.593 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

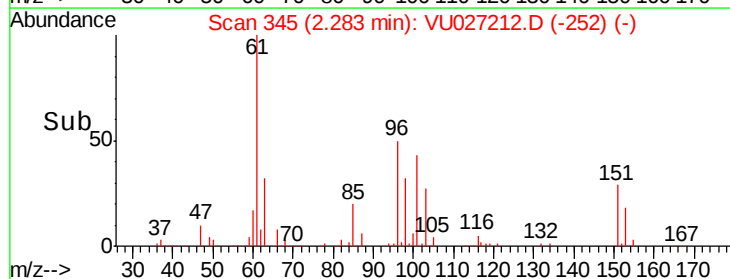
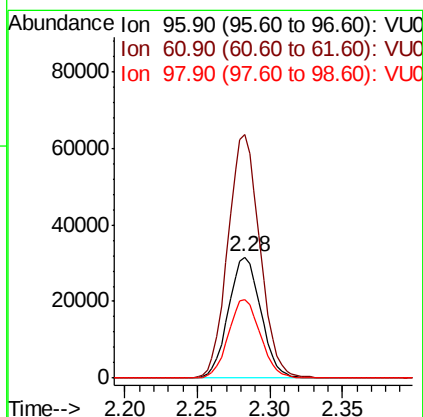
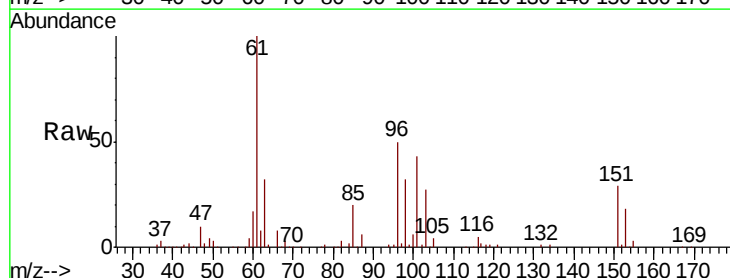
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

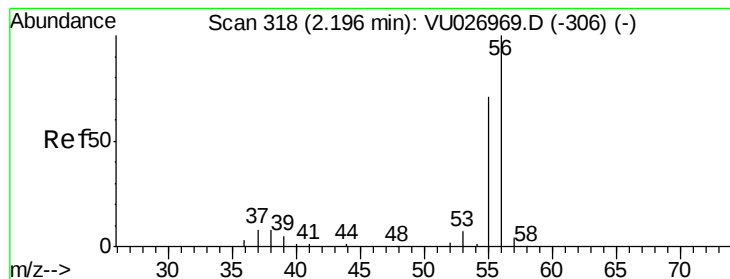
Tgt Ion: 59 Resp: 103253
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.288 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 96 Resp: 49021
Ion Ratio Lower Upper
96 100
61 200.8 156.1 234.1
98 65.2 51.4 77.0





#13

Acrolein

Concen: 173.936 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

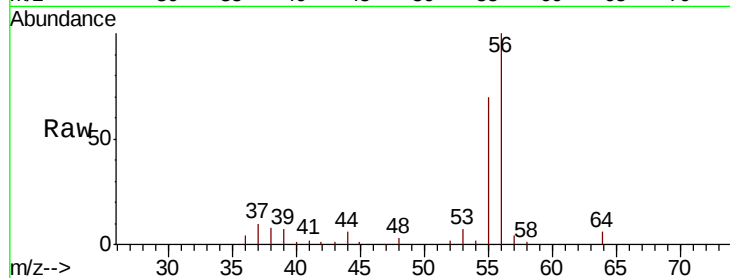
CMT-22-6-SEP18MS

Tgt Ion: 56 Resp: 33899

Ion Ratio Lower Upper

56 100

55 71.5 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

25000

20000

15000

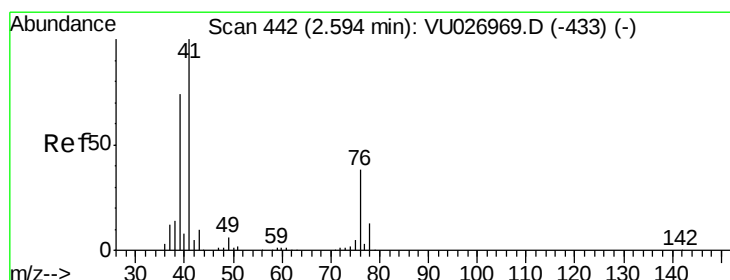
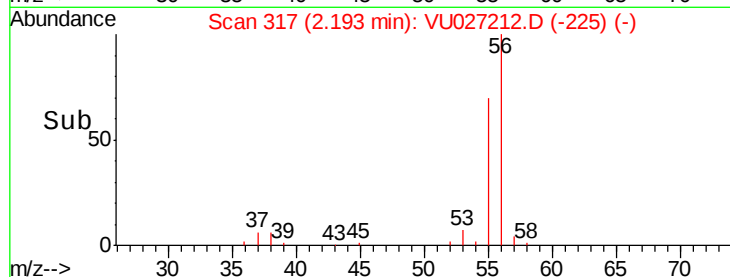
10000

5000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 50.216 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

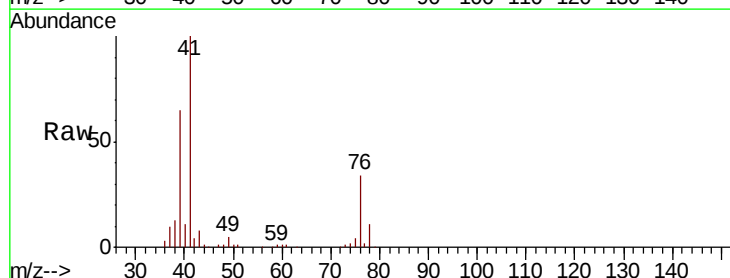
Tgt Ion: 41 Resp: 110245

Ion Ratio Lower Upper

41 100

39 66.6 55.7 83.5

76 31.9 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

80000

60000

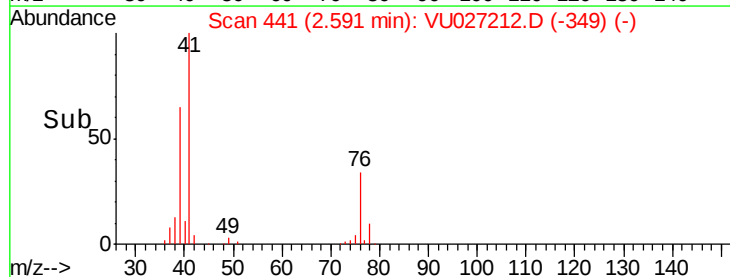
40000

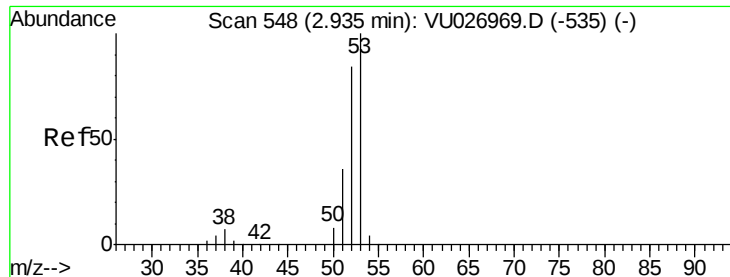
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 276.559 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

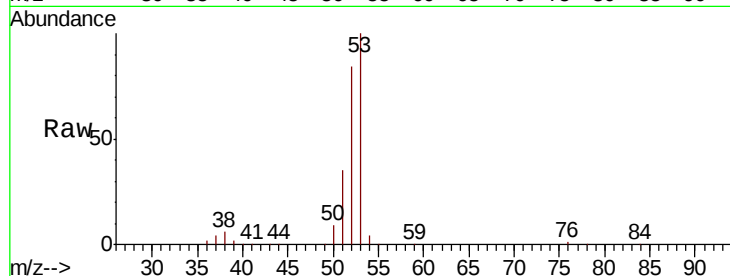
Tgt Ion: 53 Resp: 252005

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

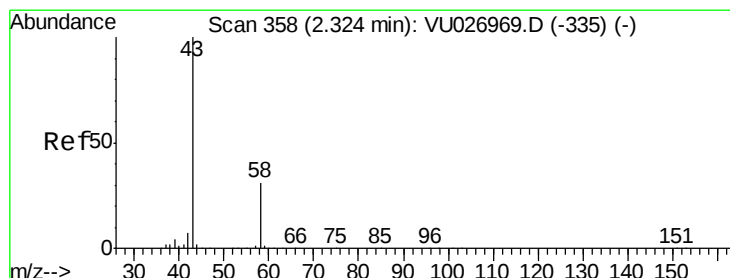
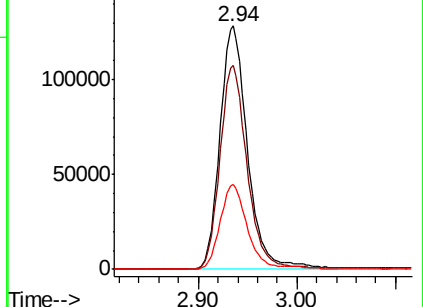
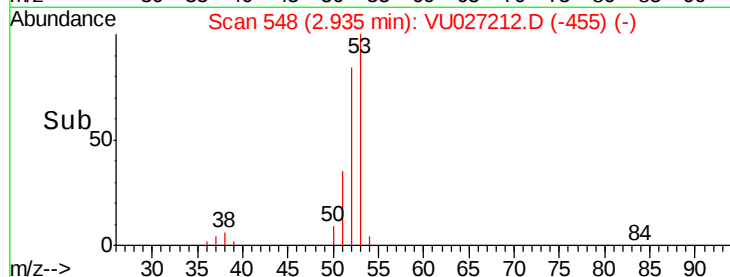
51 34.0 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027212.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027212.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027212.D (-535) (-)



#16

Acetone

Concen: 271.805 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027212.D

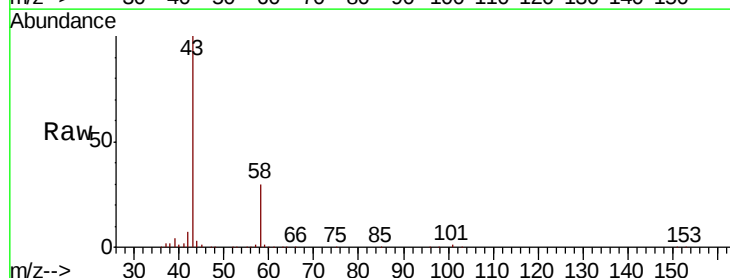
Acq: 27 Sep 2018 05:27

Tgt Ion: 43 Resp: 226525

Ion Ratio Lower Upper

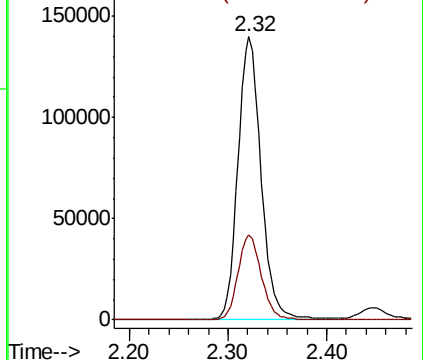
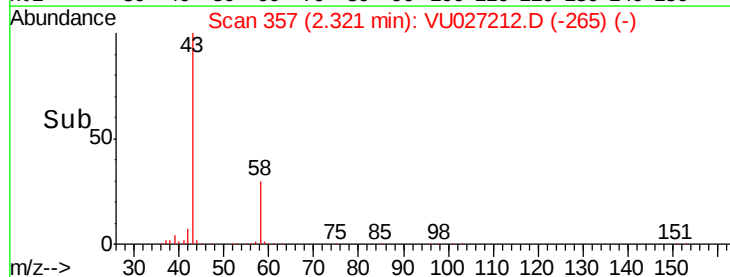
43 100

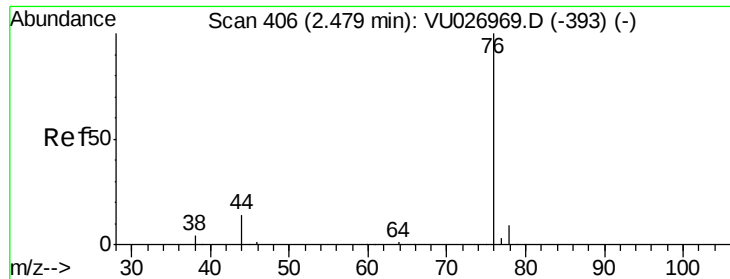
58 30.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027212.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027212.D (-265) (-)

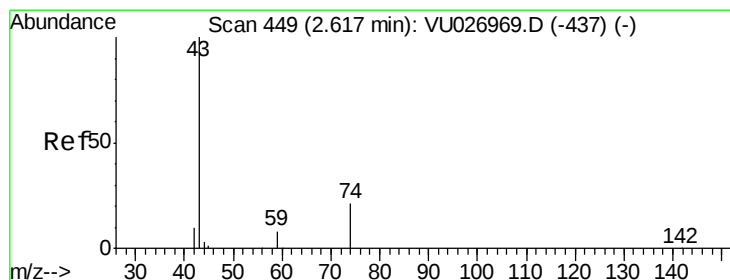
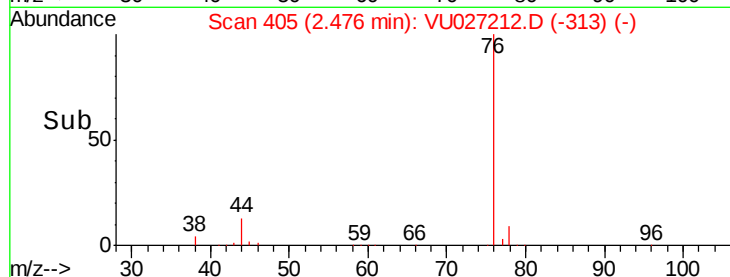
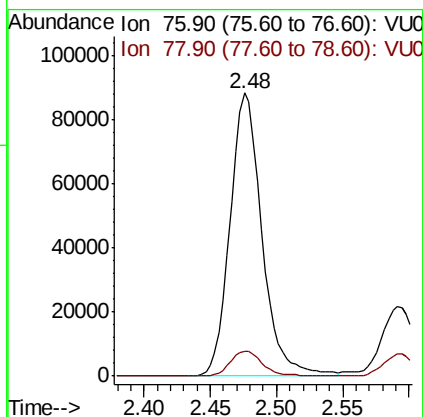
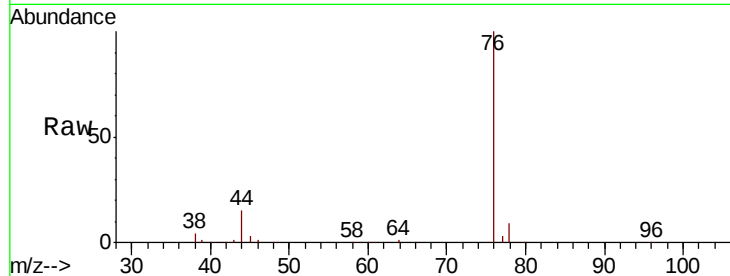




#17
Carbon Disulfide
Concen: 42.110 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

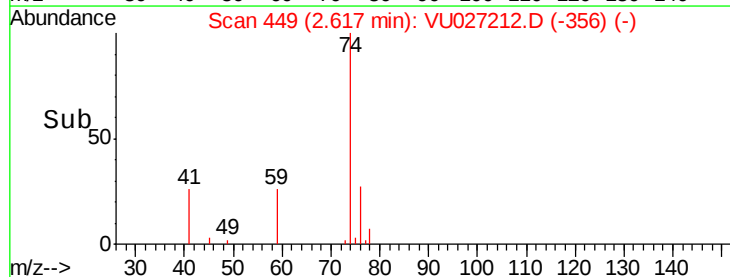
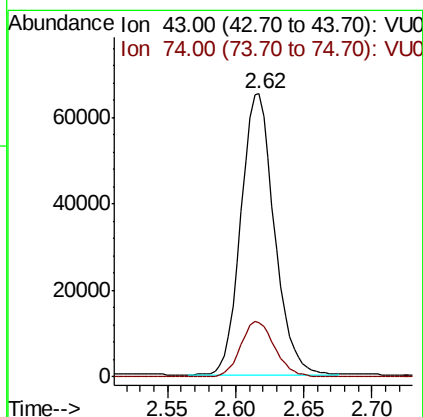
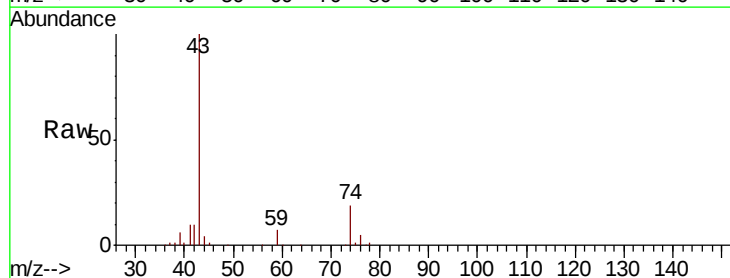
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

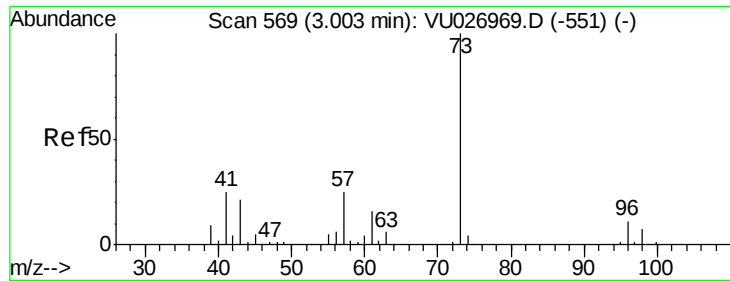
Tgt Ion: 76 Resp: 148486
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 49.420 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 43 Resp: 110951
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0

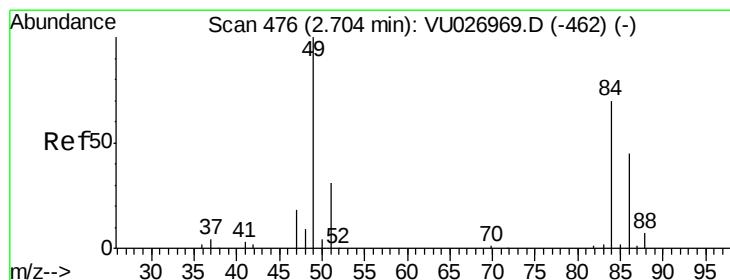
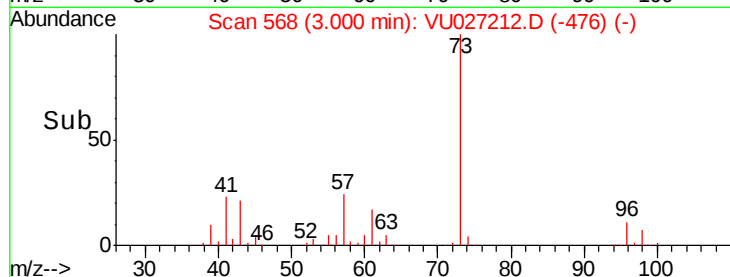
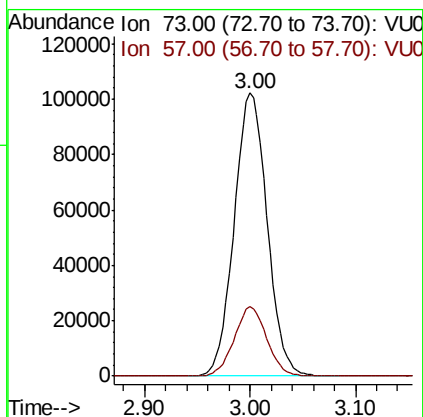
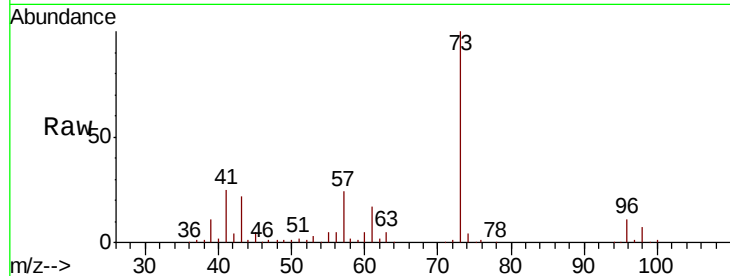




#19
Methyl tert-butyl Ether
Concen: 55.795 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

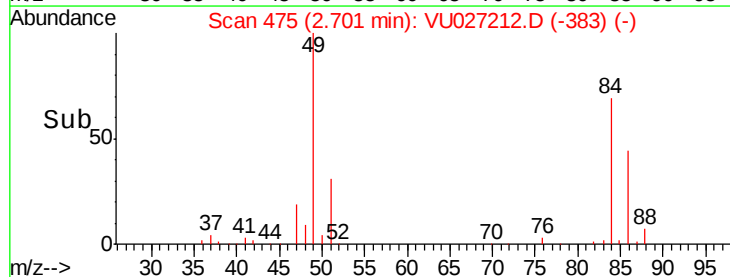
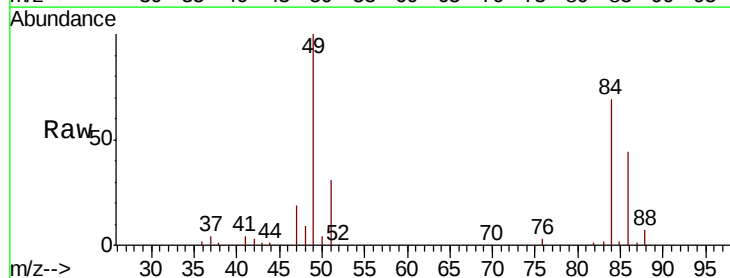
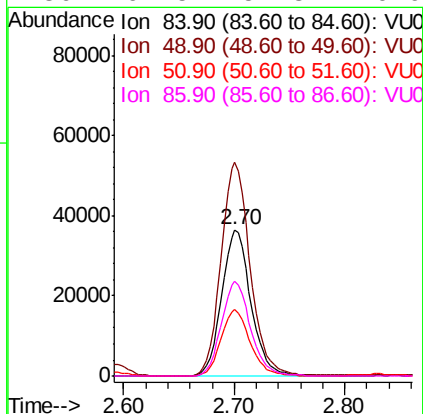
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

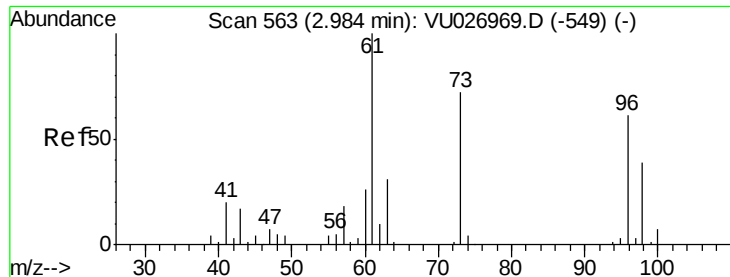
Tgt Ion: 73 Resp: 221934
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.6



#20
Methylene Chloride
Concen: 47.359 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 84 Resp: 66901
Ion Ratio Lower Upper
84 100
49 145.8 114.9 172.3
51 45.2 35.8 53.8
86 64.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.294 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

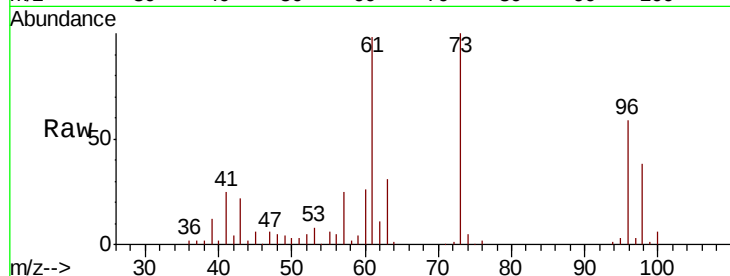
Tgt Ion: 96 Resp: 55812

Ion Ratio Lower Upper

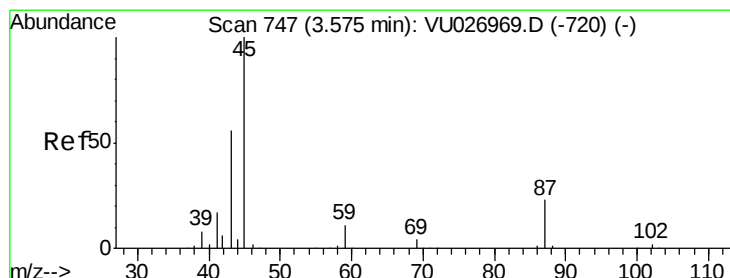
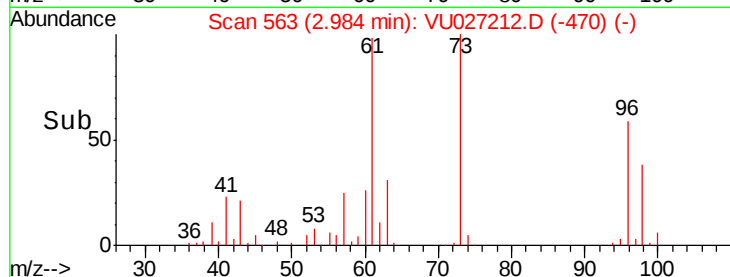
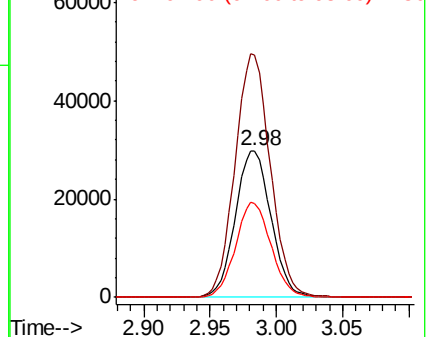
96 100

61 165.6 131.8 197.6

98 64.4 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: 56.721 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion: 45 Resp: 266351

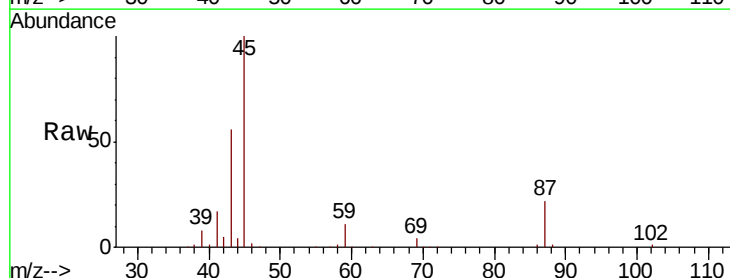
Ion Ratio Lower Upper

45 100

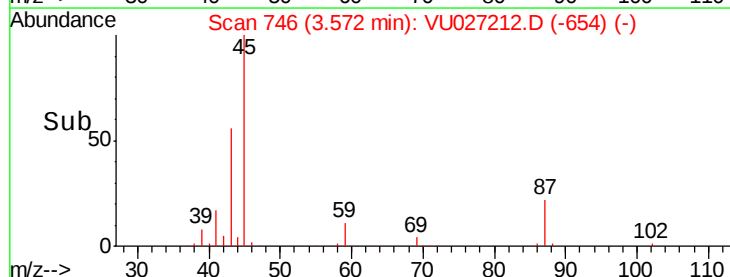
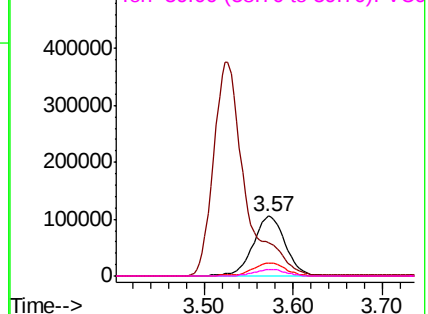
43 54.9 45.8 68.6

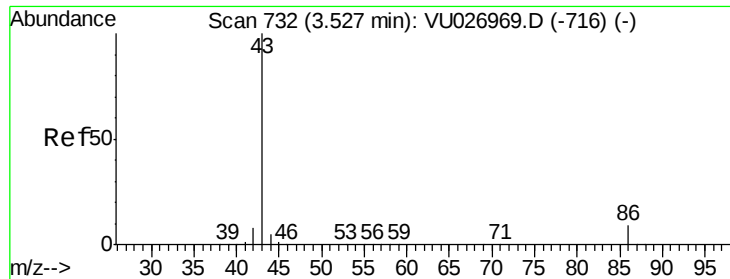
87 22.3 18.6 28.0

59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 230.925 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

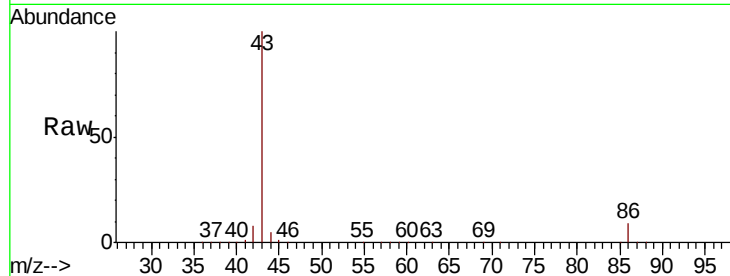
CMT-22-6-SEP18MS

Tgt Ion: 43 Resp: 924342

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

400000

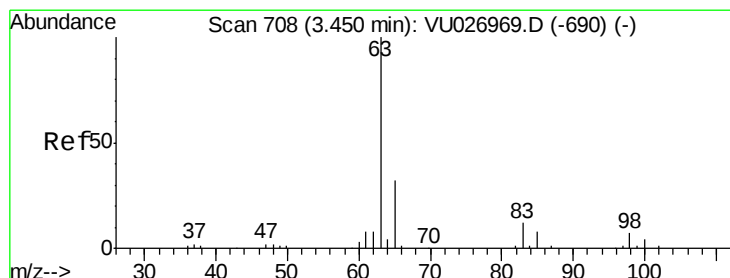
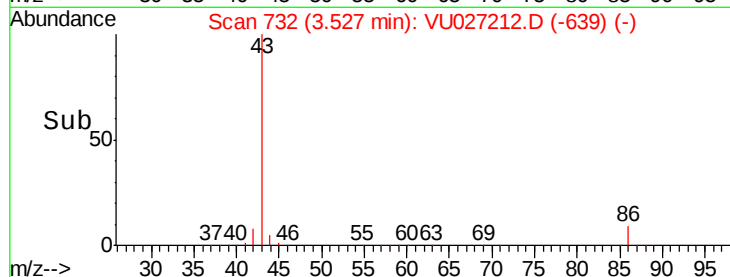
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.343 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

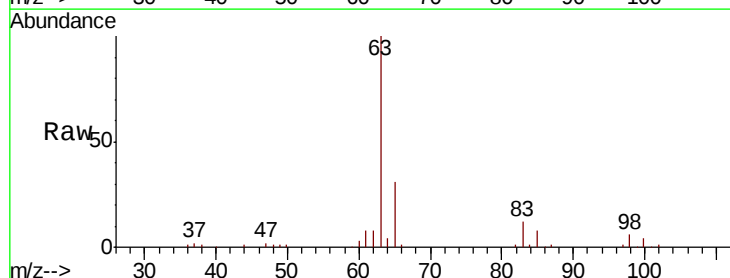
Tgt Ion: 63 Resp: 135373

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

80000

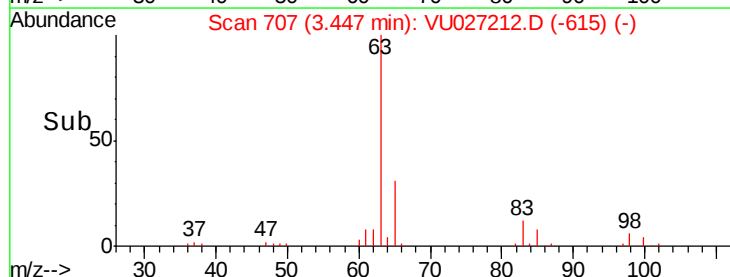
60000

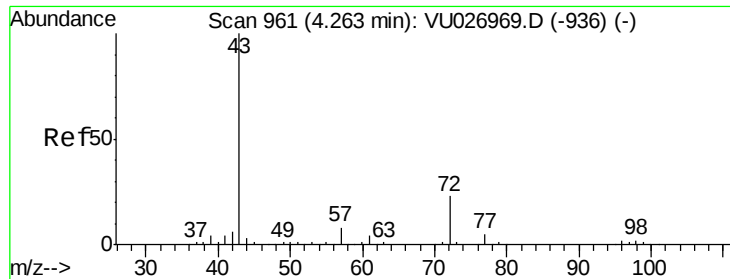
40000

20000

0

Time-->





#25

2-Butanone

Concen: 272.933 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

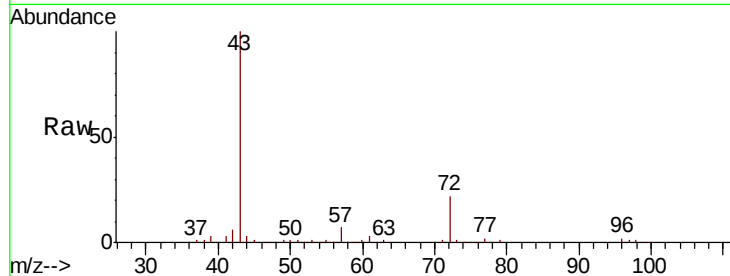
CMT-22-6-SEP18MS

Tgt Ion: 43 Resp: 361795

Ion Ratio Lower Upper

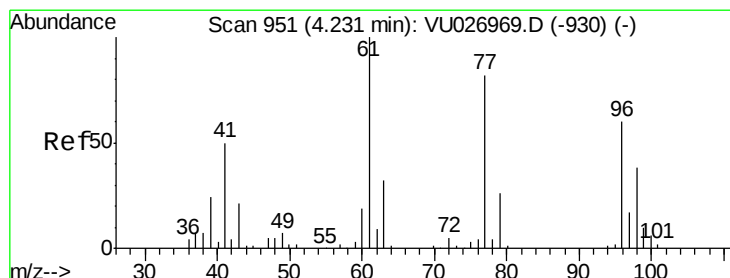
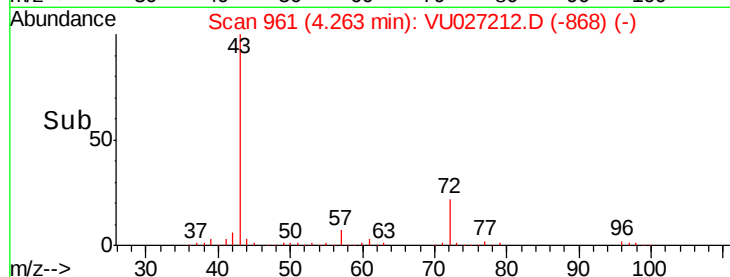
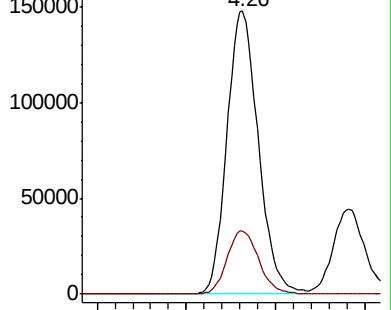
43 100

72 22.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 27.836 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027212.D

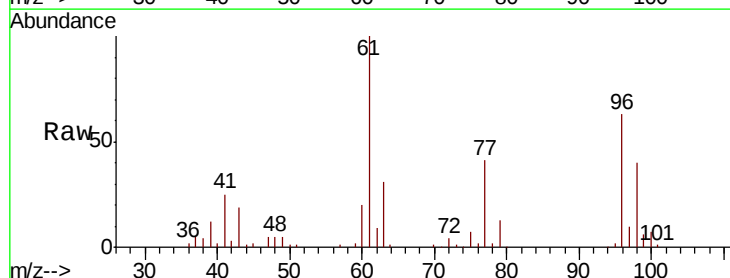
Acq: 27 Sep 2018 05:27

Tgt Ion: 77 Resp: 56145

Ion Ratio Lower Upper

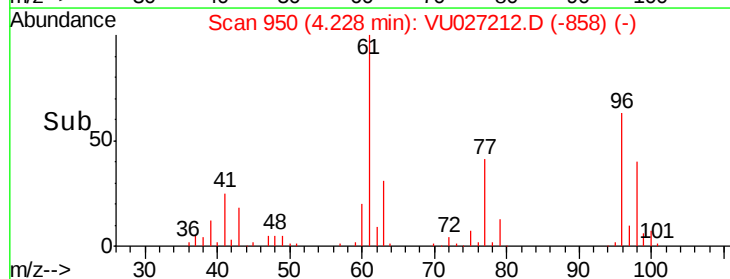
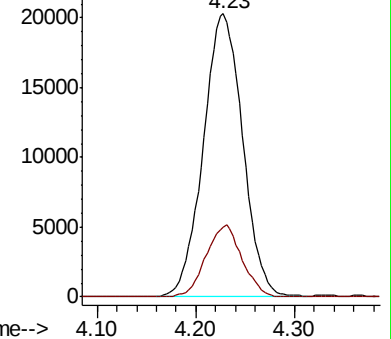
77 100

97 23.1 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



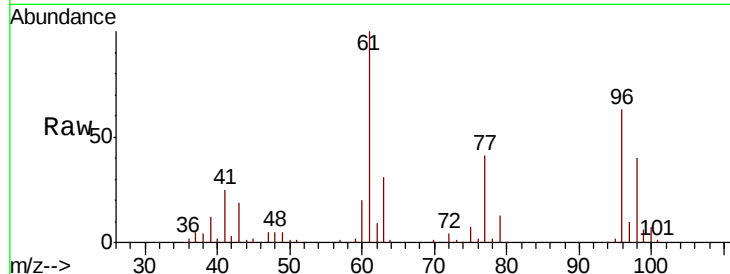


#27

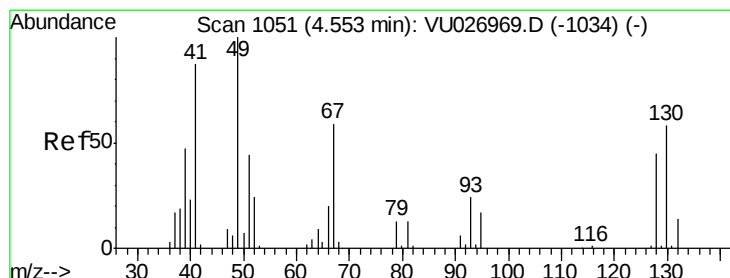
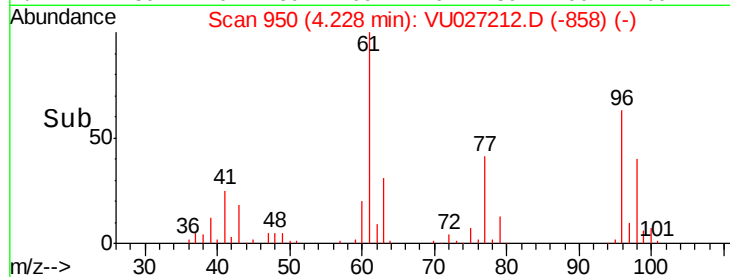
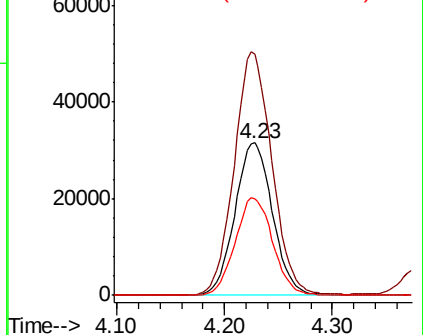
cis-1,2-Dichloroethene
 Concen: 58.538 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tgt Ion: 96 Resp: 76399
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 337.2
 98 63.8 0.0 127.6



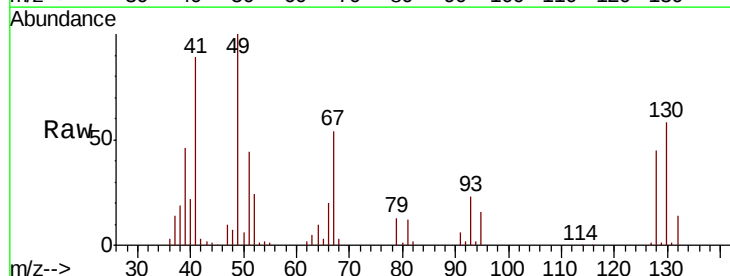
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



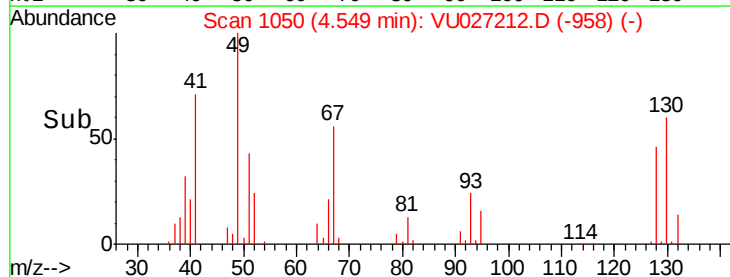
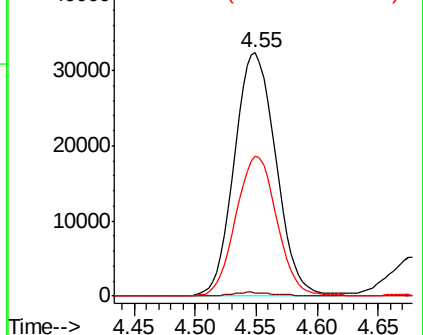
#28

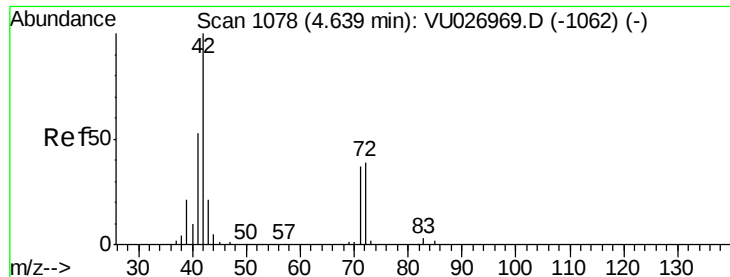
Bromochloromethane
 Concen: 61.456 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 49 Resp: 76617
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 56.7 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: 291.170 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

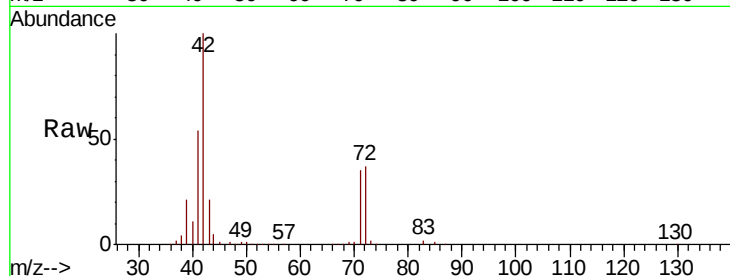
Tgt Ion: 42 Resp: 233486

Ion Ratio Lower Upper

42 100

72 37.5 31.7 47.5

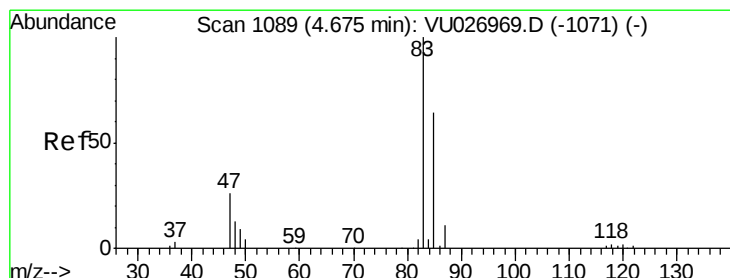
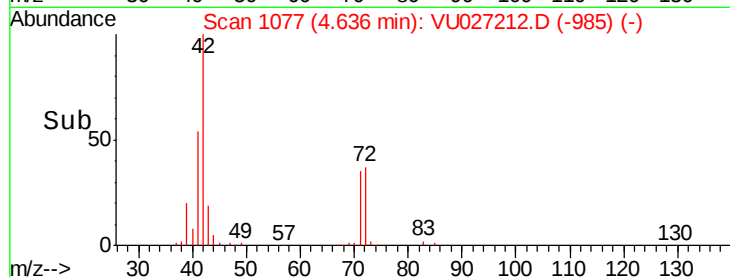
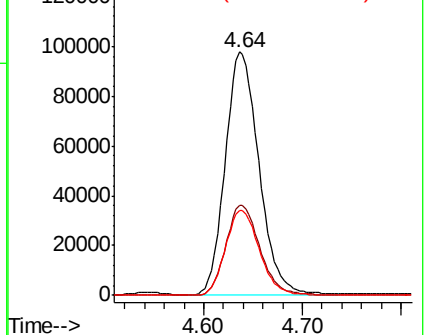
71 35.0 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 50.223 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027212.D

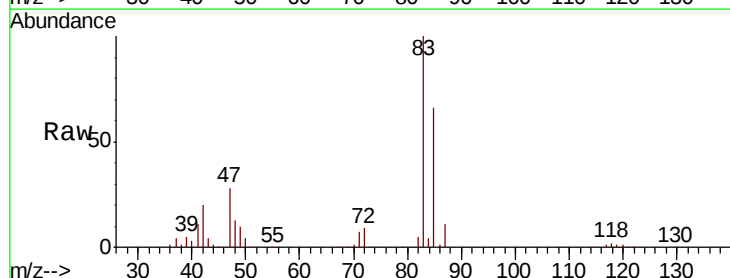
Acq: 27 Sep 2018 05:27

Tgt Ion: 83 Resp: 120569

Ion Ratio Lower Upper

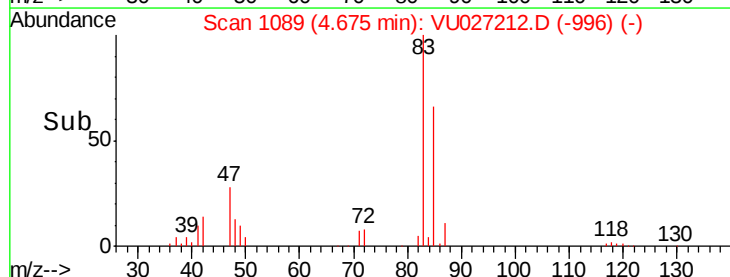
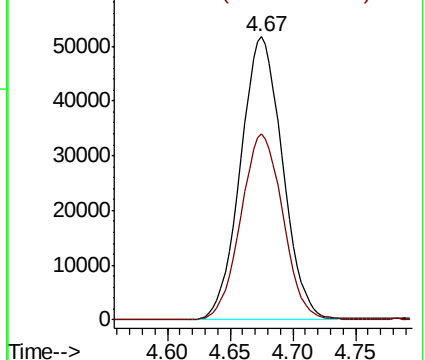
83 100

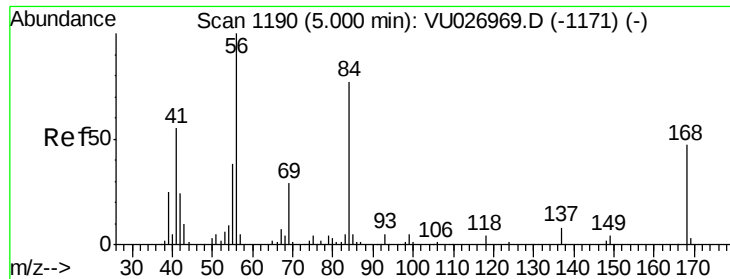
85 65.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

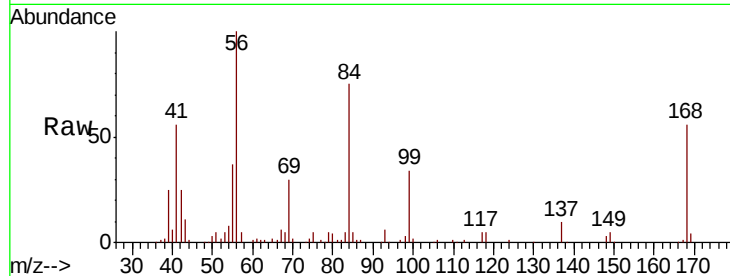




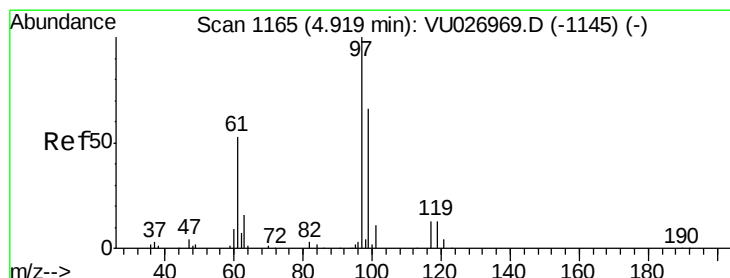
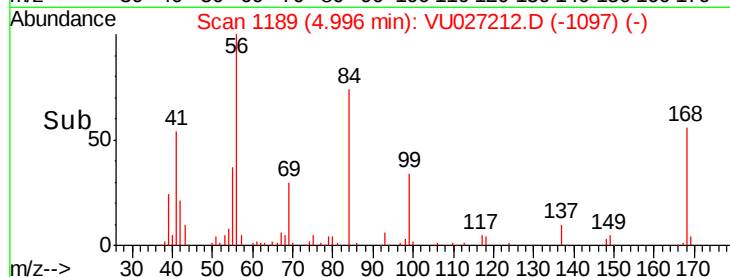
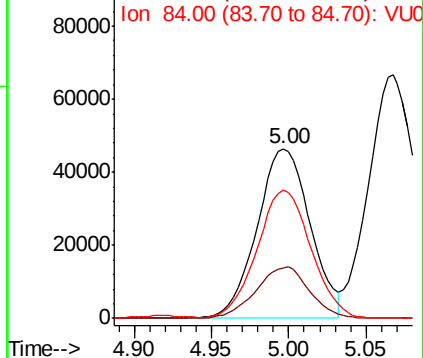
#31
Cyclohexane
Concen: 47.339 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tgt Ion: 56 Resp: 111364
Ion Ratio Lower Upper
56 100
69 30.0 23.0 34.4
84 74.7 61.4 92.2

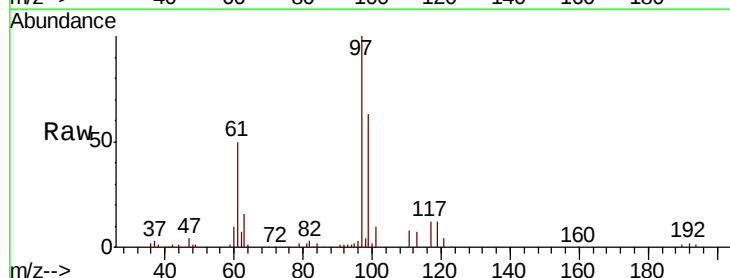


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

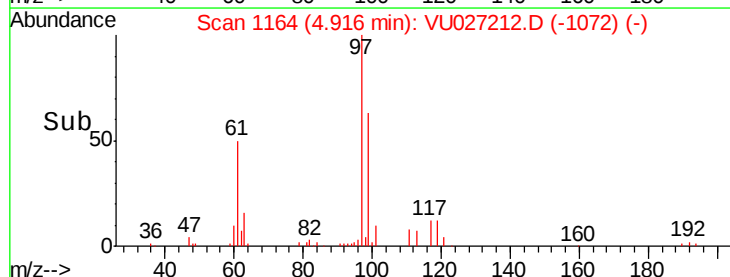
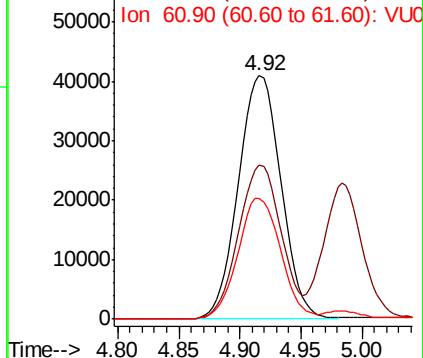


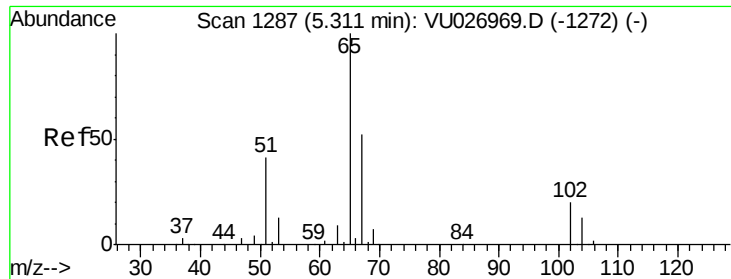
#32
1,1,1-Trichloroethane
Concen: 51.894 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 97 Resp: 99467
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 49.8 41.1 61.7



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

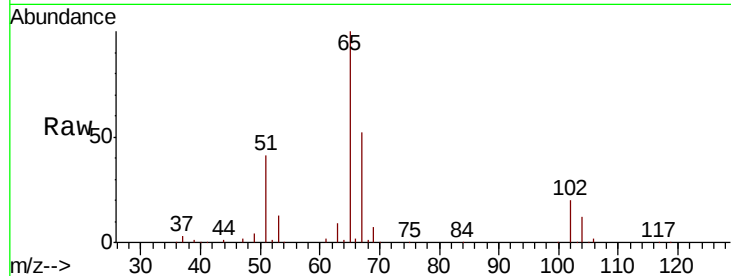




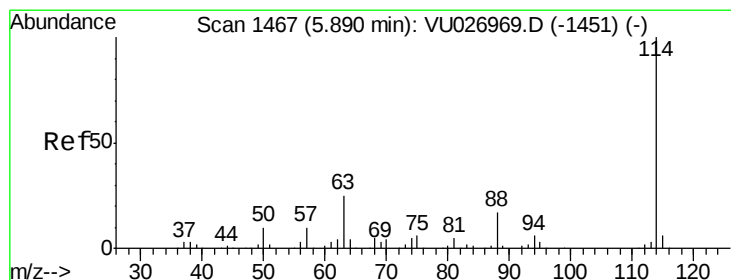
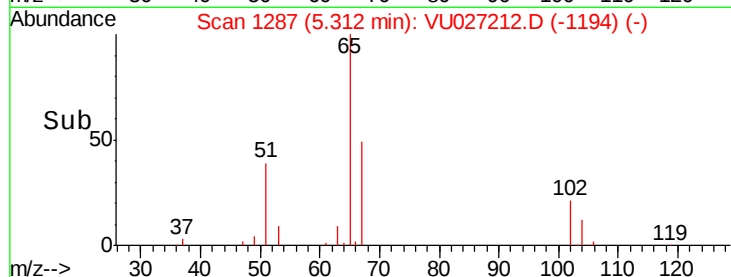
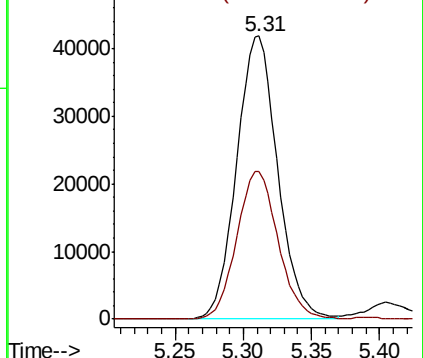
#33
 1,2-Dichloroethane-d4
 Concen: 55.281 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tgt Ion: 65 Resp: 87197
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6

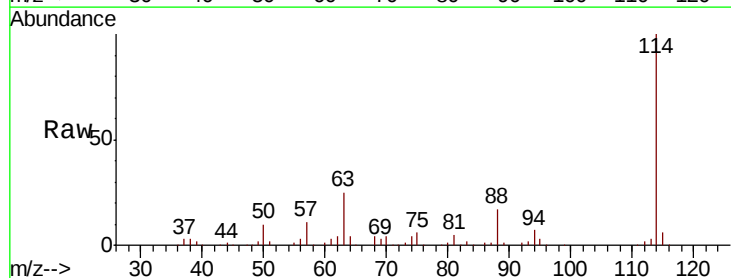


Abundance Ion 64.90 (64.60 to 65.60): VU027212.D (-1194) (-)
 Ion 66.90 (66.60 to 67.60): VU027212.D (-1194) (-)

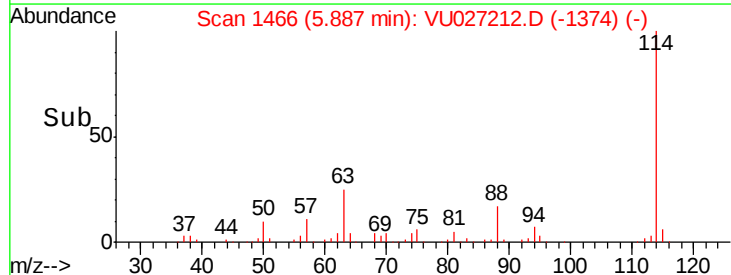
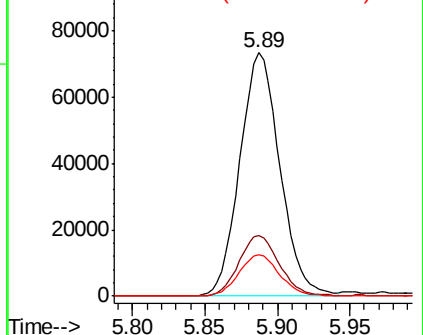


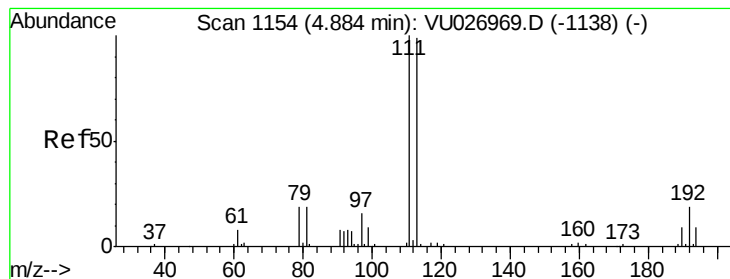
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 114 Resp: 141510
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 17.0 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU027212.D (-1374) (-)
 Ion 63.00 (62.70 to 63.70): VU027212.D (-1374) (-)
 Ion 87.90 (87.60 to 88.60): VU027212.D (-1374) (-)





#35

Dibromofluoromethane

Concen: 51.132 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

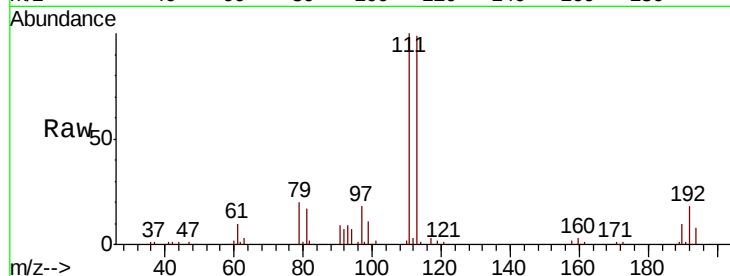
Tgt Ion:113 Resp: 62719

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

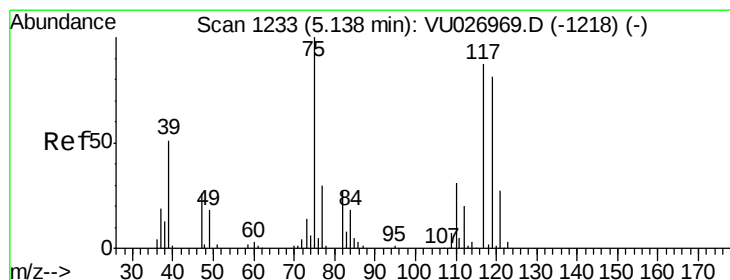
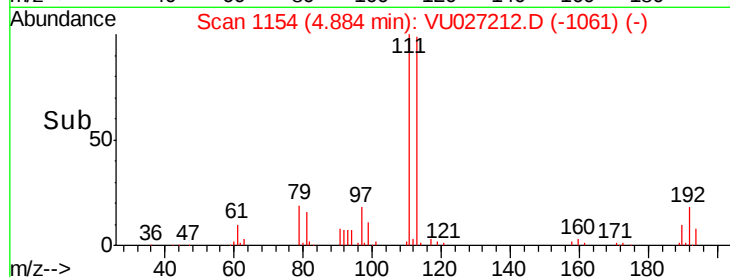
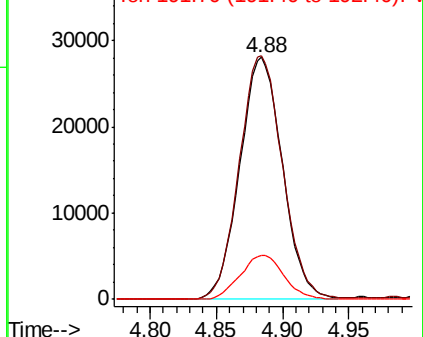
192 18.5 15.2 22.8



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: 45.430 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

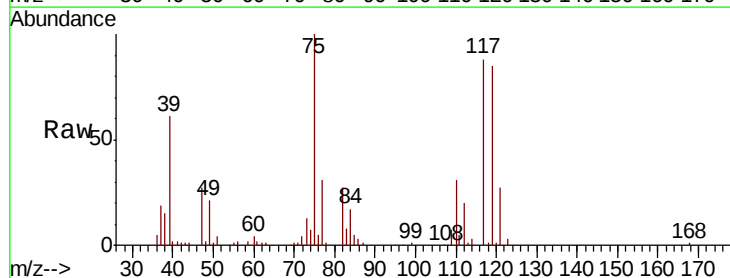
Tgt Ion: 75 Resp: 85800

Ion Ratio Lower Upper

75 100

110 32.0 16.1 48.2

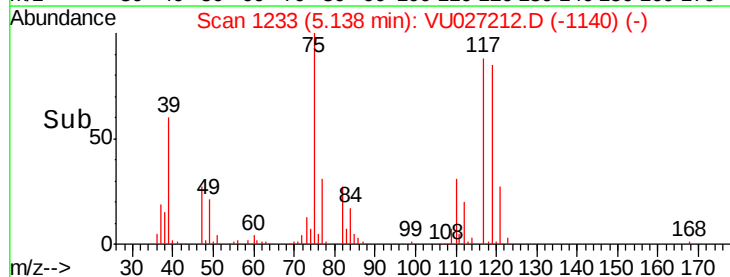
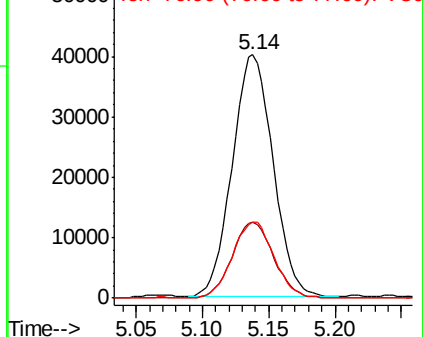
77 32.0 24.6 36.8

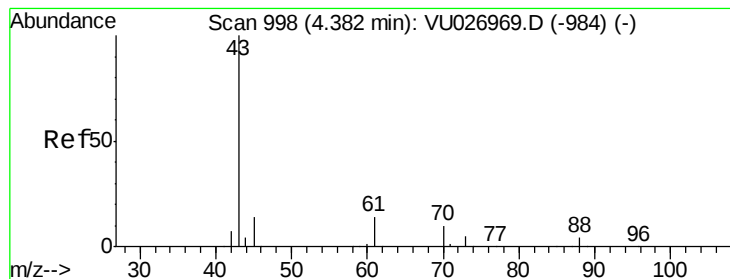


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 41.978 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

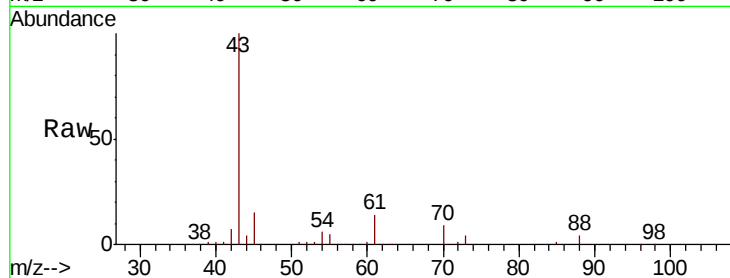
Tgt Ion: 43 Resp: 107324

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

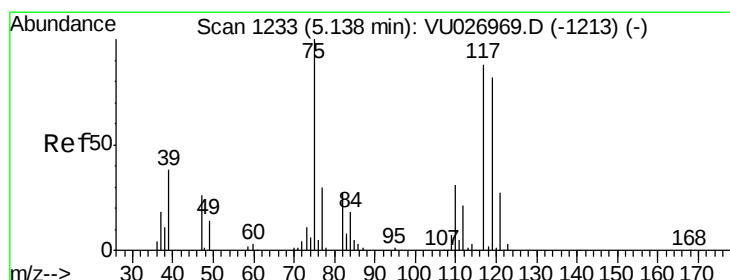
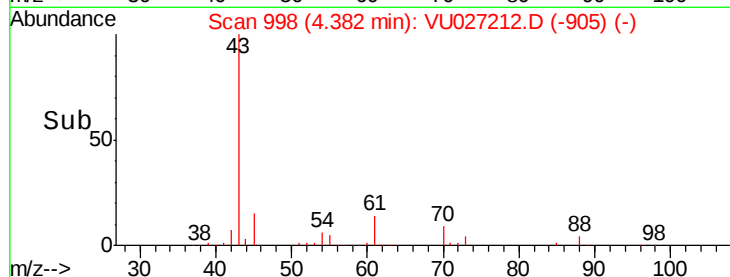
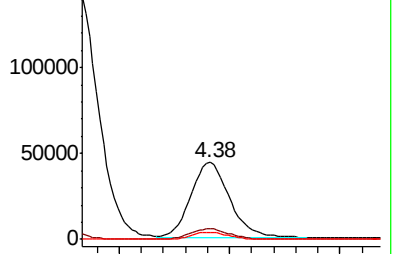
70 9.0 7.4 11.0



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

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

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



#38

Carbon Tetrachloride

Concen: 45.845 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

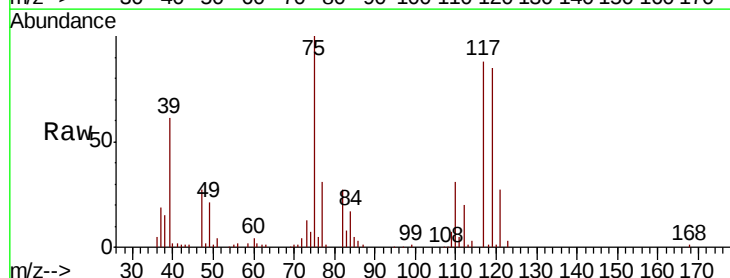
Tgt Ion: 117 Resp: 82396

Ion Ratio Lower Upper

117 100

119 96.1 74.4 111.6

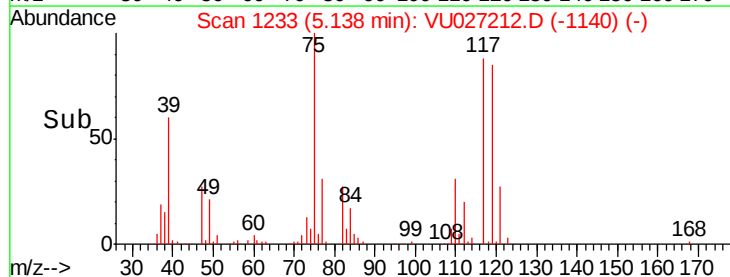
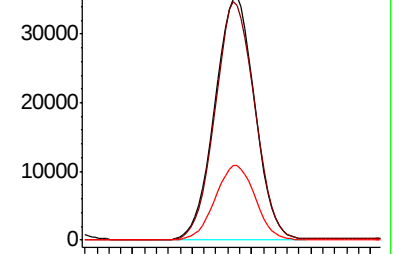
121 30.6 24.2 36.4

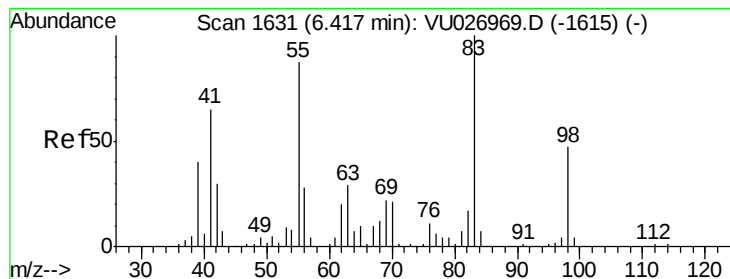


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

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

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





#39

Methylcyclohexane

Concen: 44.905 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

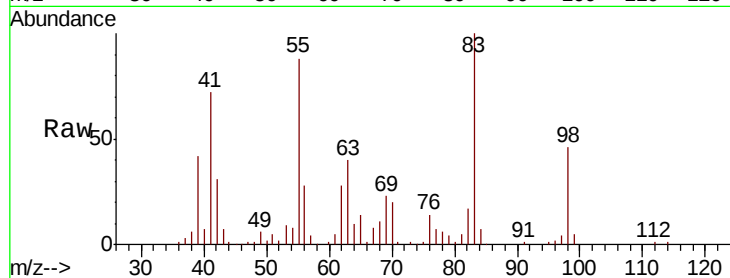
Tgt Ion: 83 Resp: 92162

Ion Ratio Lower Upper

83 100

55 88.4 69.9 104.9

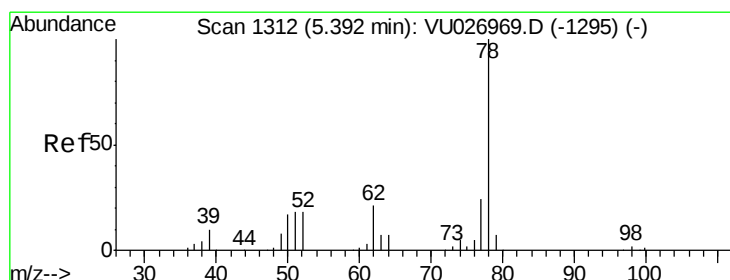
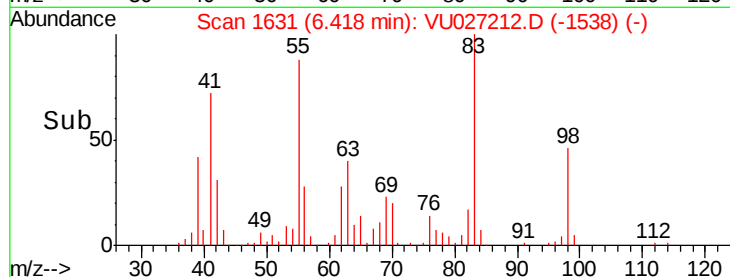
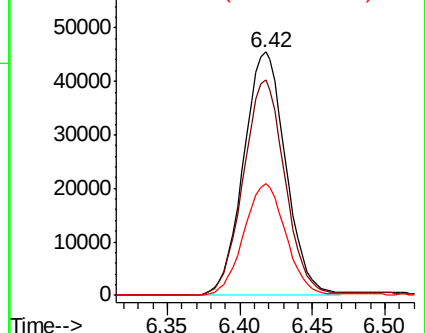
98 46.1 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU027212.D (-1615) (-)

Ion 55.00 (54.70 to 55.70): VU027212.D (-1615) (-)

Ion 98.00 (97.70 to 98.70): VU027212.D (-1615) (-)



#40

Benzene

Concen: 46.222 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU027212.D

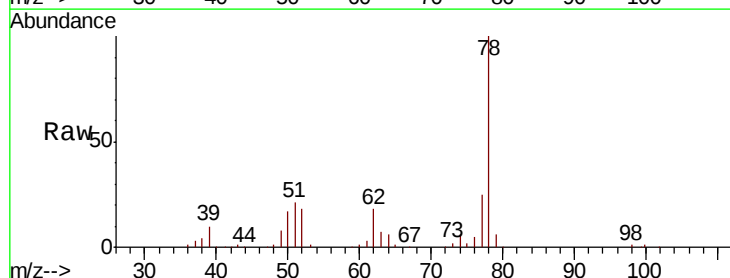
Acq: 27 Sep 2018 05:27

Tgt Ion: 78 Resp: 265376

Ion Ratio Lower Upper

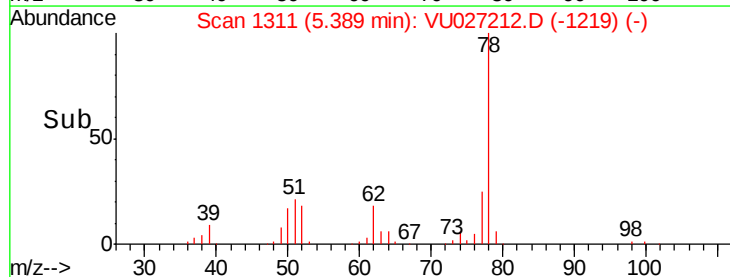
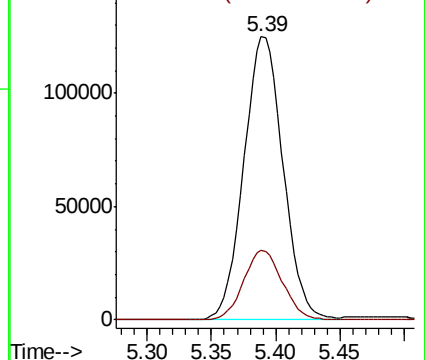
78 100

77 24.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU027212.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU027212.D (-1295) (-)

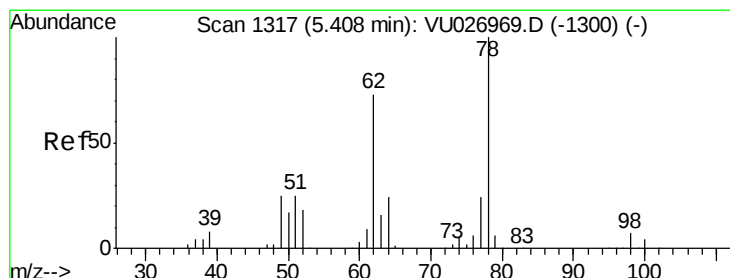
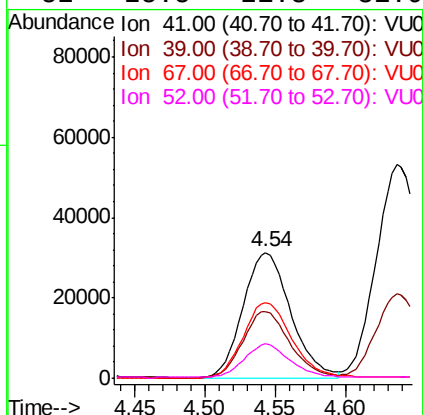
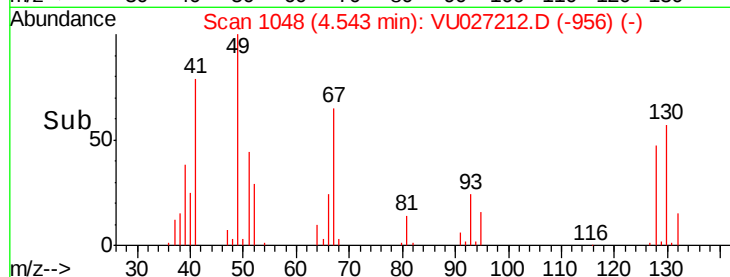
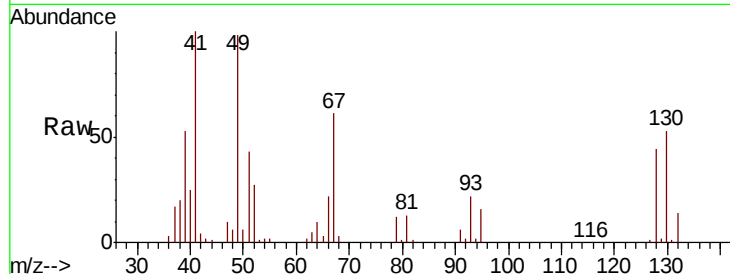




#41
Methacrylonitrile
Concen: 55.443 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

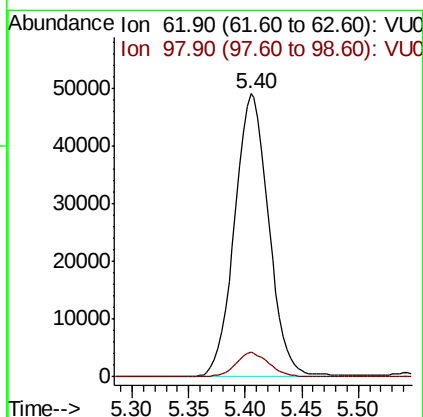
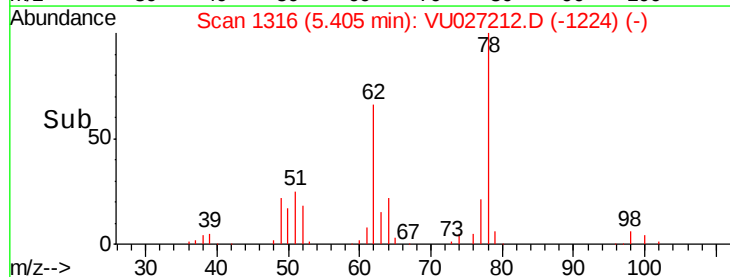
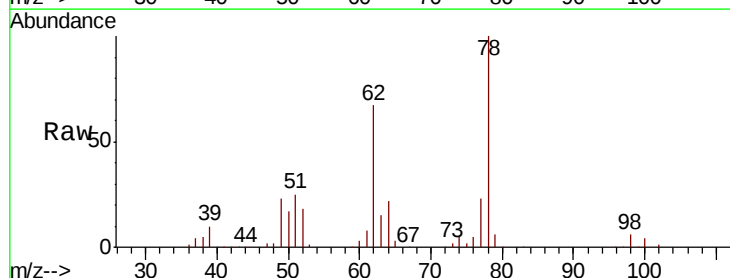
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

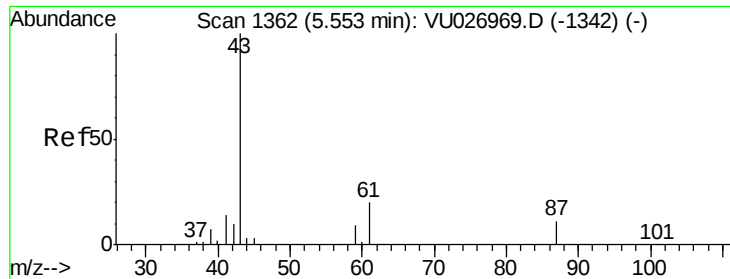
Tgt Ion:	41	Resp:	73617
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.9	64.3
67	62.6	52.4	78.6
52	25.5	21.3	31.9



#42
1,2-Dichloroethane
Concen: 47.692 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:	62	Resp:	103451
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 48.922 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

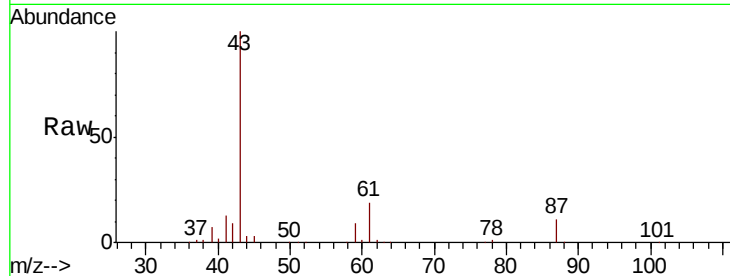
Tgt Ion: 43 Resp: 182412

Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

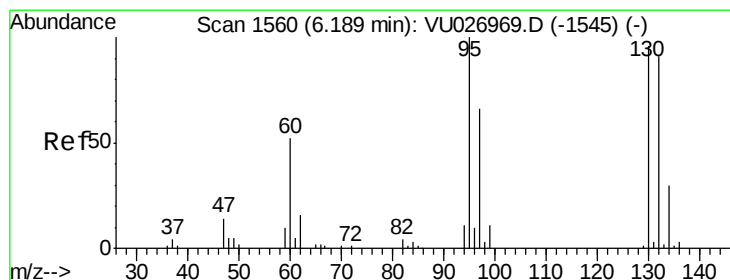
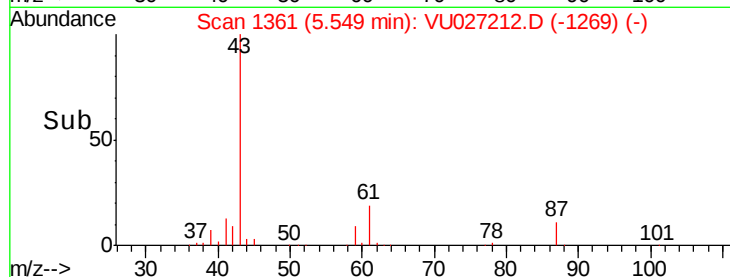
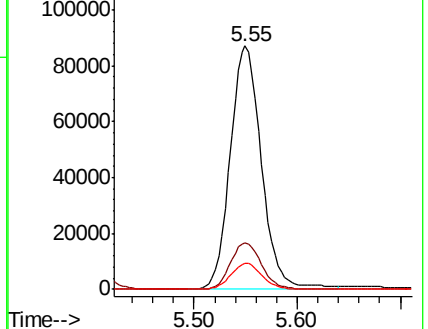
87 10.8 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 51.759 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027212.D

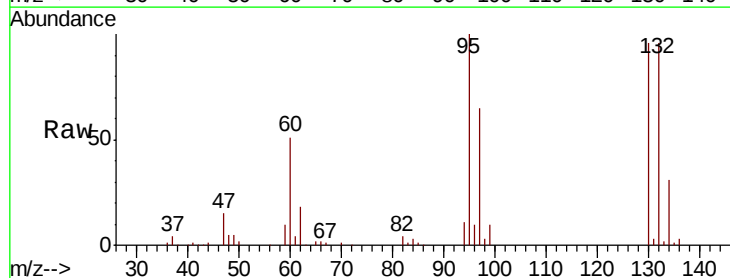
Acq: 27 Sep 2018 05:27

Tgt Ion: 130 Resp: 63264

Ion Ratio Lower Upper

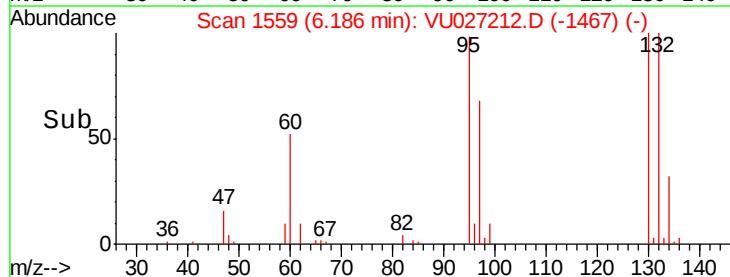
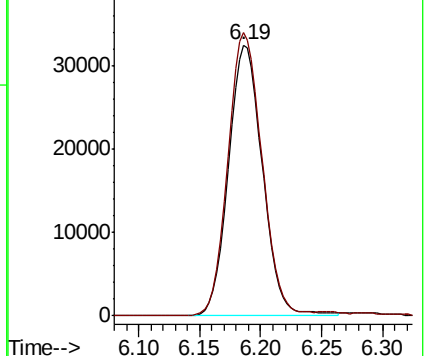
130 100

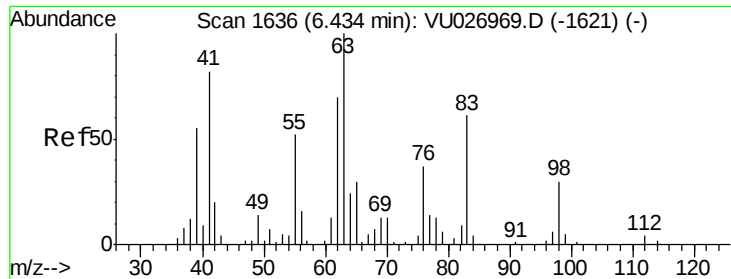
95 104.5 0.0 208.8



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

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

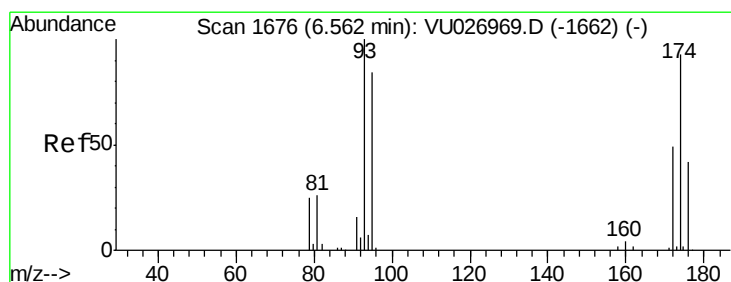
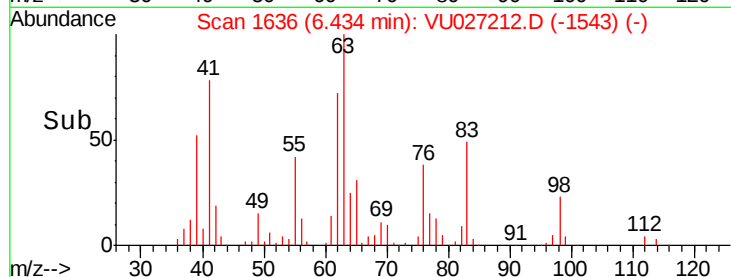
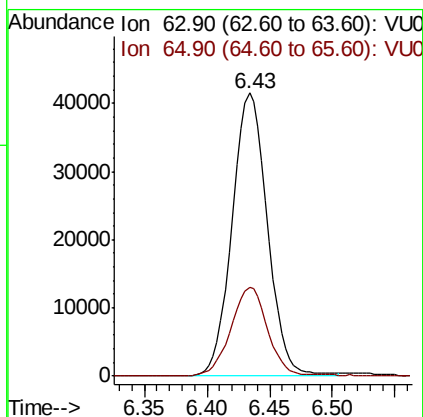
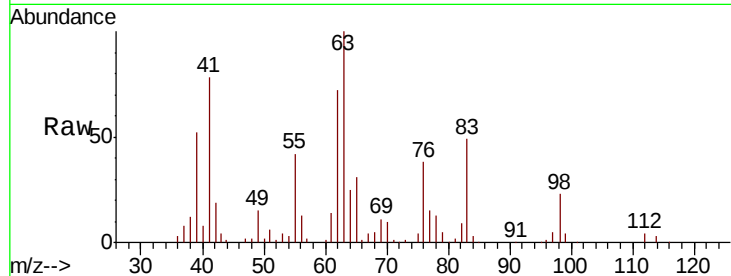




#45
 1,2-Dichloropropane
 Concen: 49.767 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

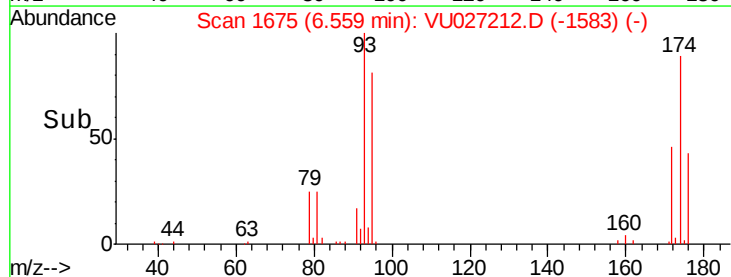
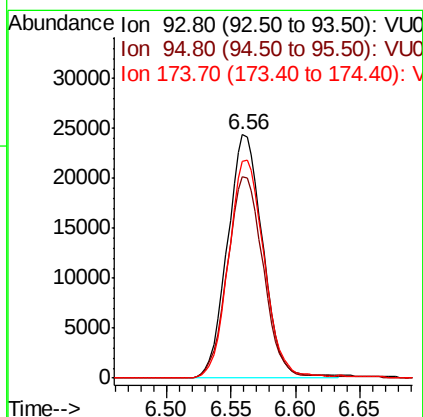
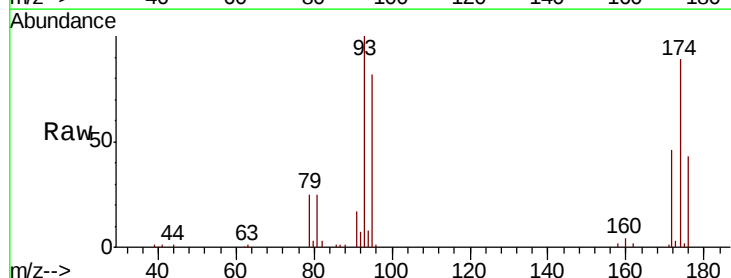
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tgt Ion: 63 Resp: 81415
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.3 36.5



#46
 Dibromomethane
 Concen: 47.096 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 93 Resp: 46531
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.4
 174 90.0 71.7 107.5

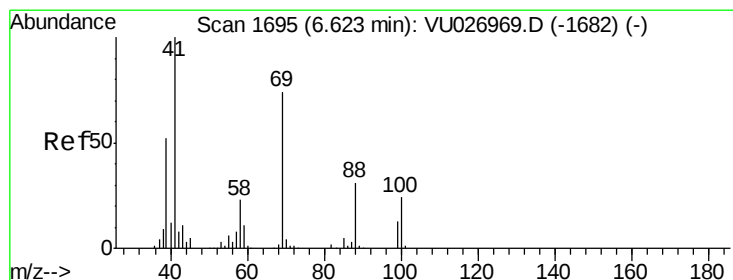
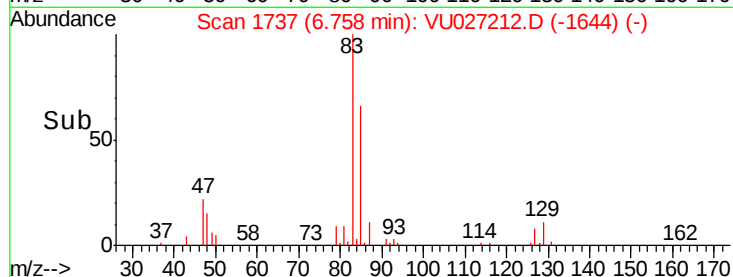
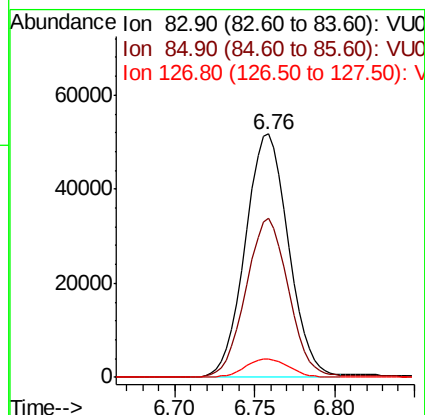
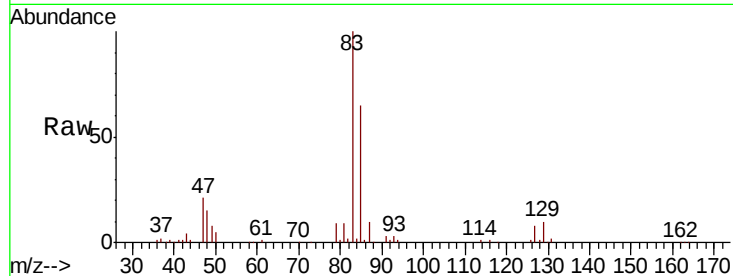




#47
 Bromodichloromethane
 Concen: 47.969 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

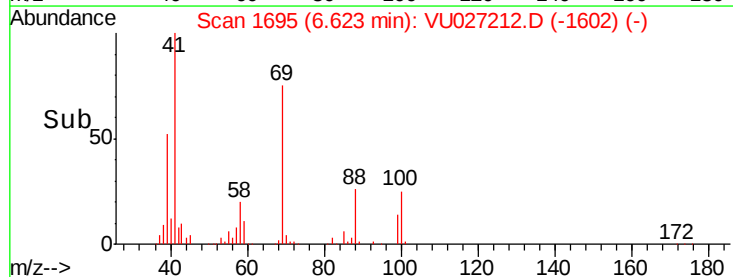
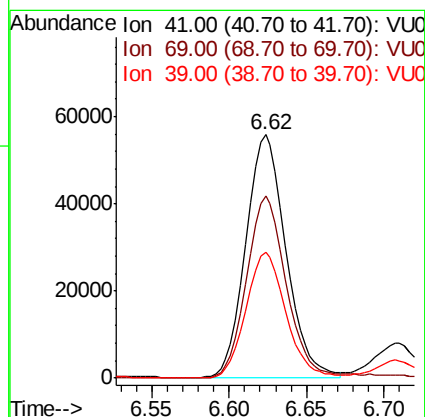
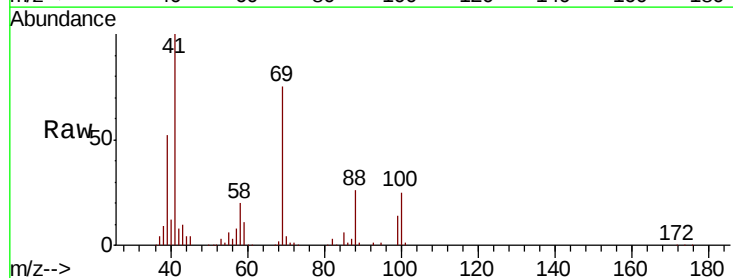
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

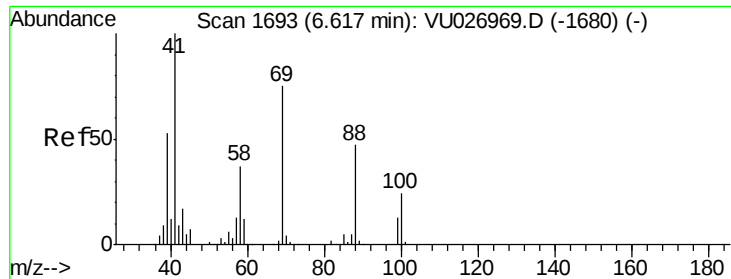
Tgt Ion: 83 Resp: 95833
 Ion Ratio Lower Upper
 83 100
 85 65.1 52.5 78.7
 127 7.6 6.3 9.5



#48
 Methyl methacrylate
 Concen: 49.906 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 41 Resp: 101276
 Ion Ratio Lower Upper
 41 100
 69 76.1 60.6 90.8
 39 51.4 42.8 64.2





#49

1,4-Dioxane

Concen: 935.521 ug/l

RT: 6.61 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

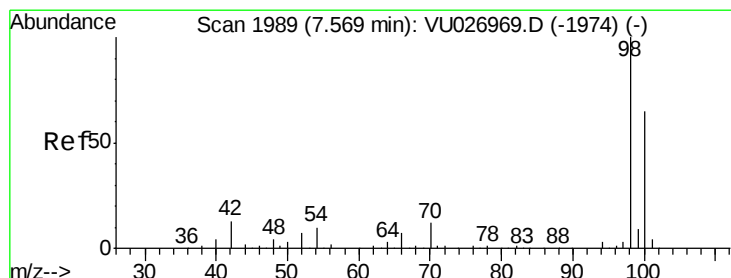
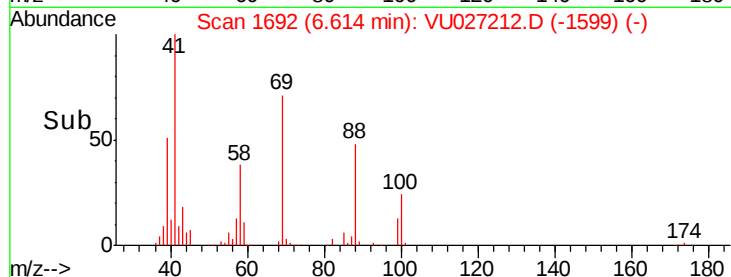
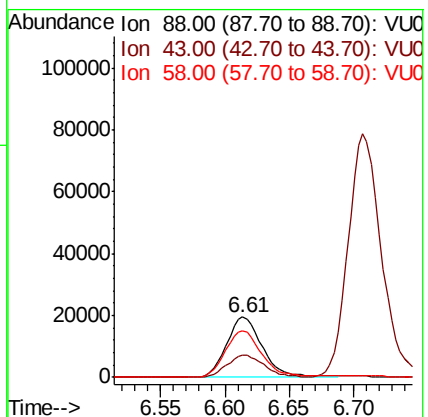
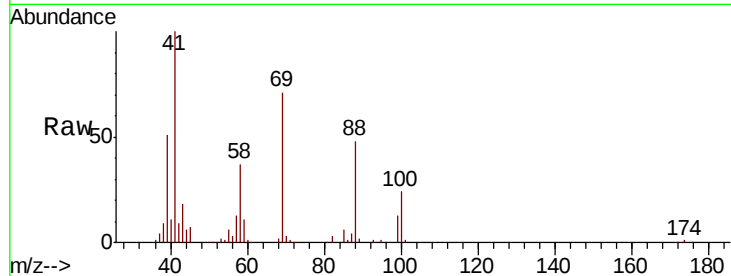
Tgt Ion: 88 Resp: 37709

Ion Ratio Lower Upper

88 100

43 38.8 29.8 44.8

58 79.7 63.9 95.9



#50

Toluene-d8

Concen: 49.902 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027212.D

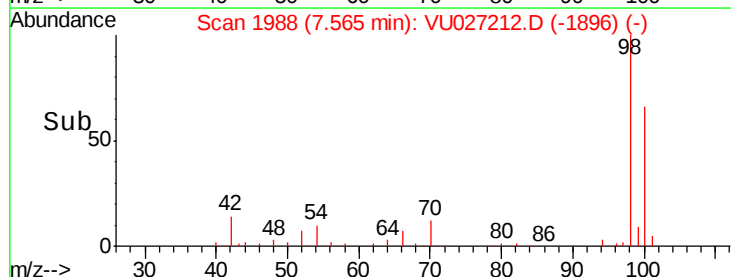
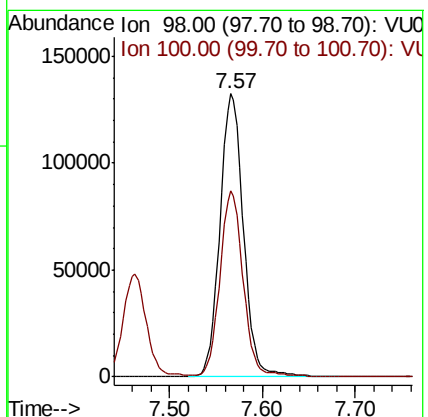
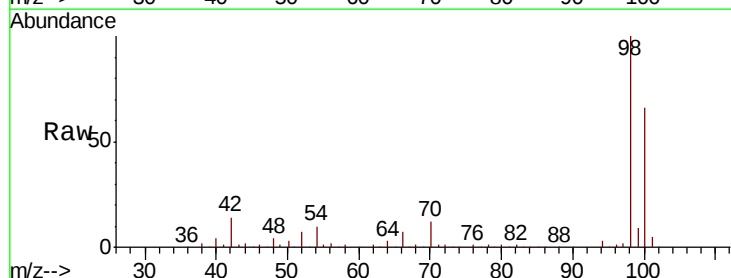
Acq: 27 Sep 2018 05:27

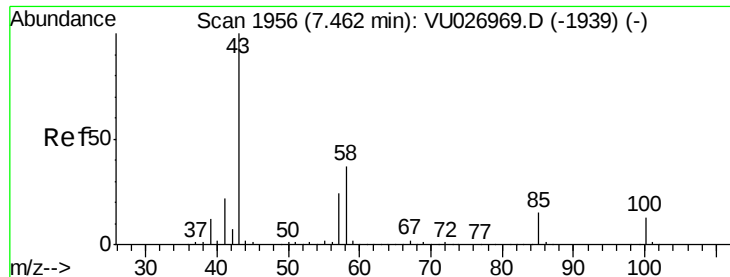
Tgt Ion: 98 Resp: 233277

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

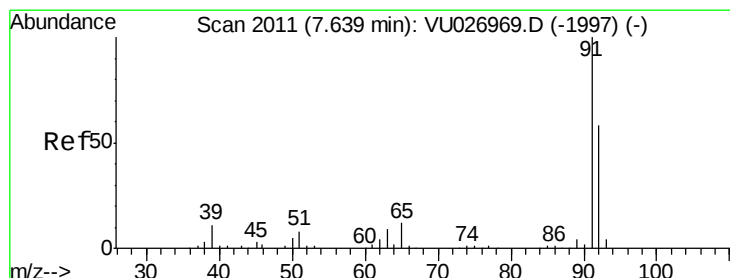
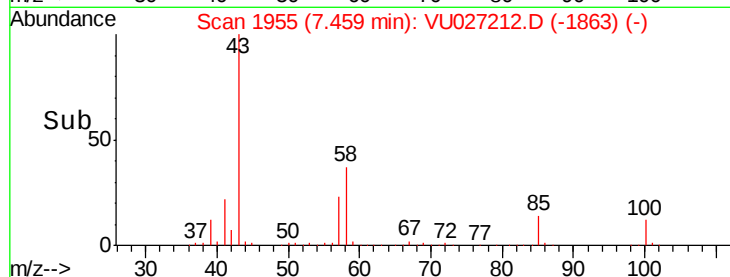
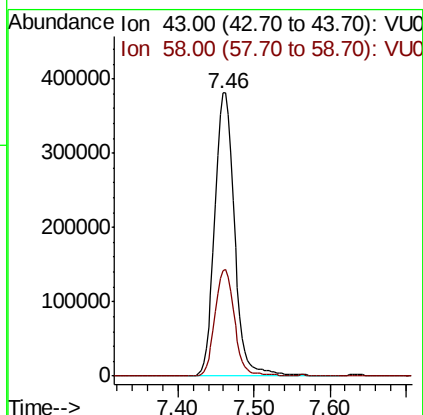
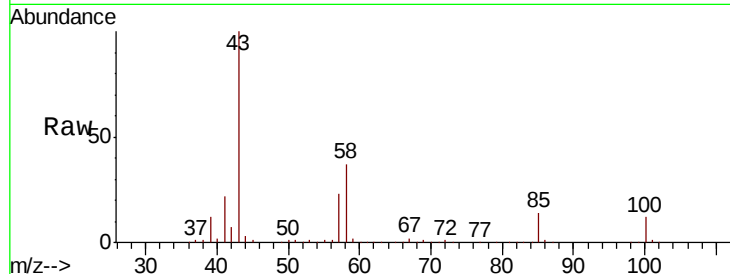




#51
4-Methyl-2-Pentanone
Concen: 272.972 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

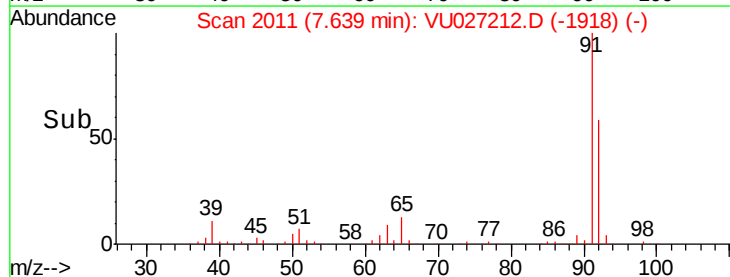
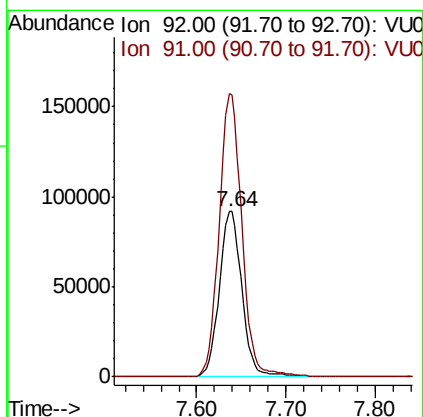
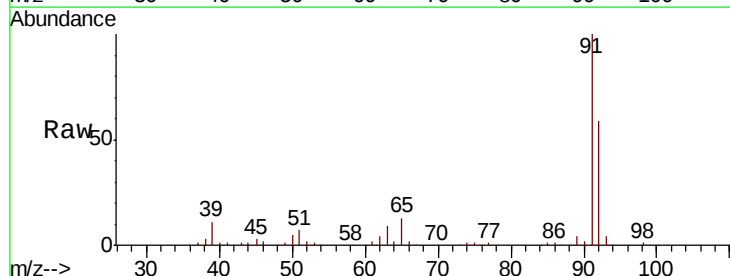
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

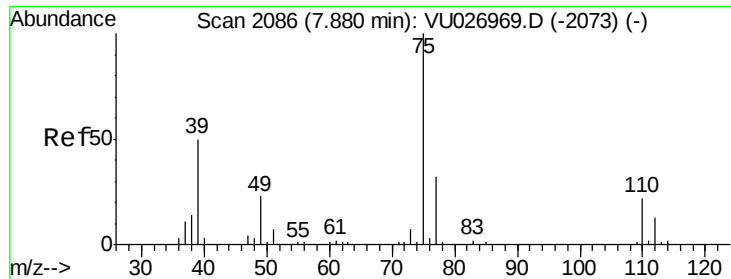
Tgt Ion: 43 Resp: 684535
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#52
Toluene
Concen: 49.122 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 92 Resp: 161657
Ion Ratio Lower Upper
92 100
91 171.8 136.4 204.6

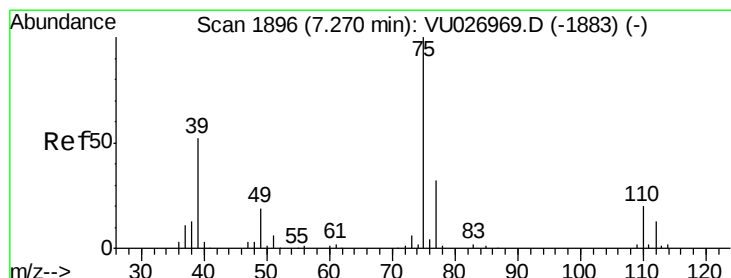
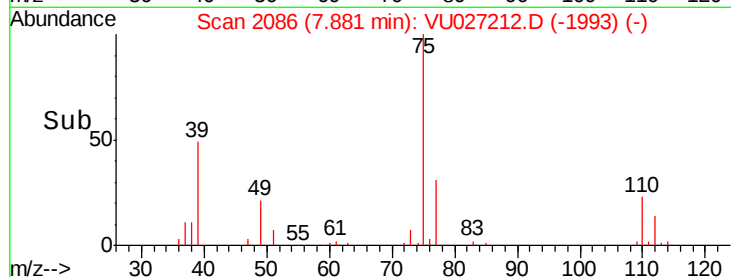
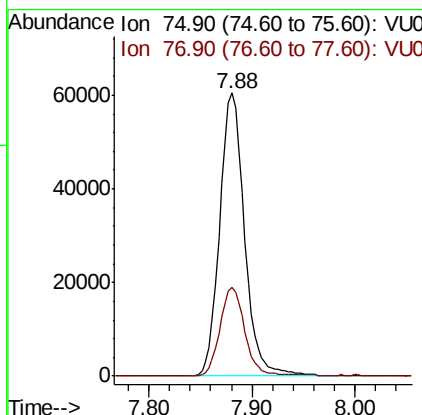
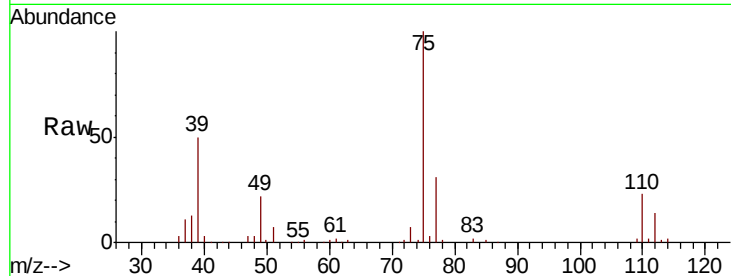




#53
t-1,3-Dichloropropene
Concen: 47.360 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

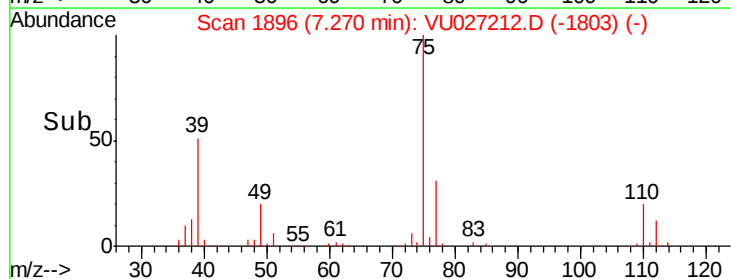
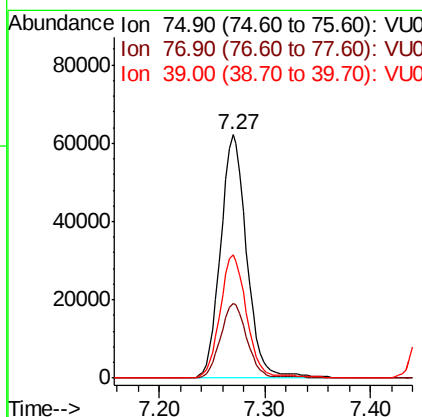
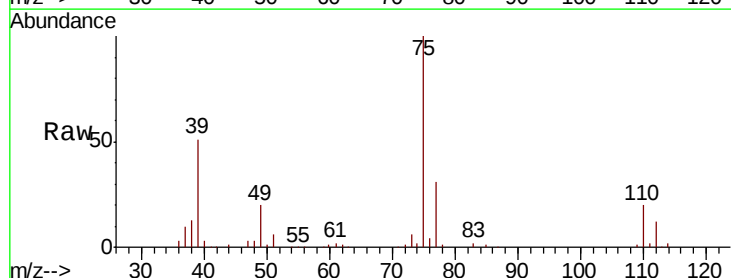
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tgt Ion: 75 Resp: 101657
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.331 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 75 Resp: 106985
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 50.6 41.6 62.4

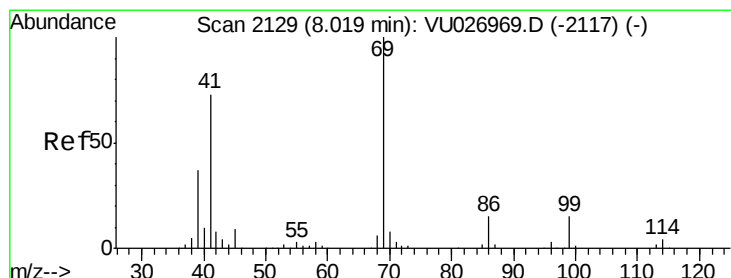
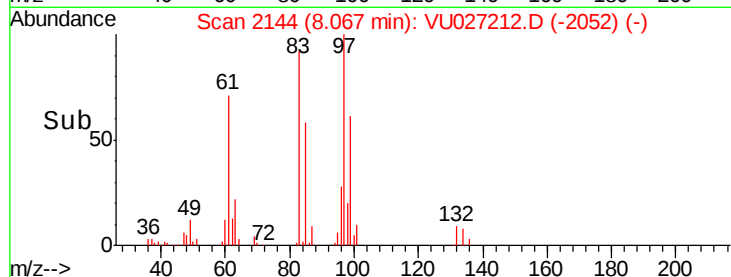
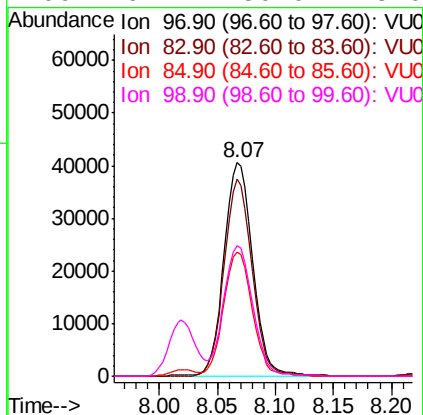
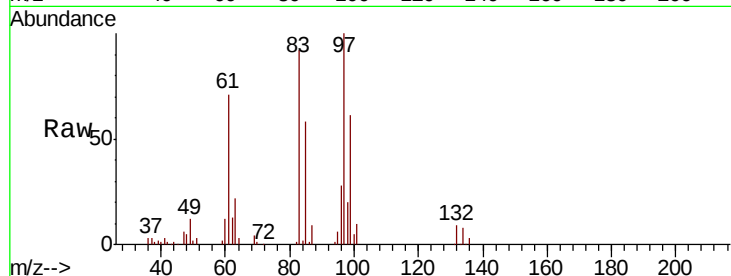




#55
 1,1,2-Trichloroethane
 Concen: 49.911 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

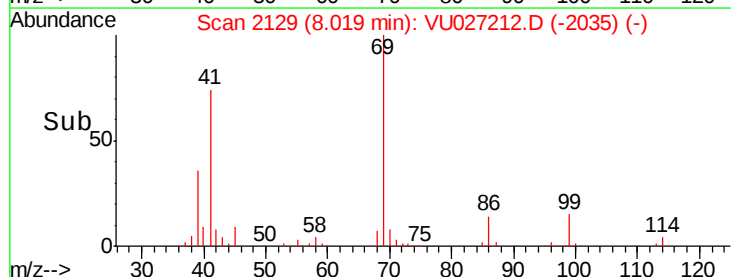
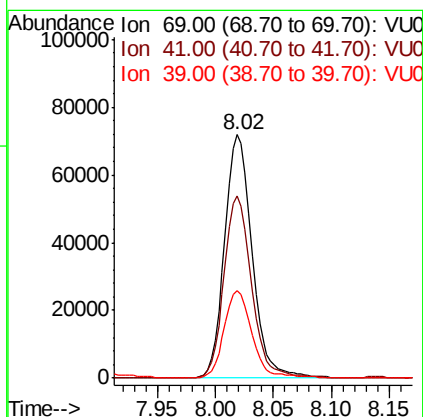
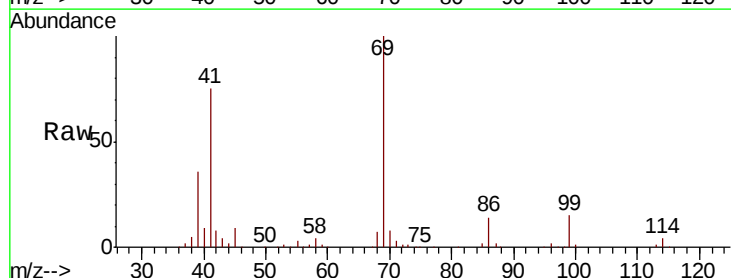
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

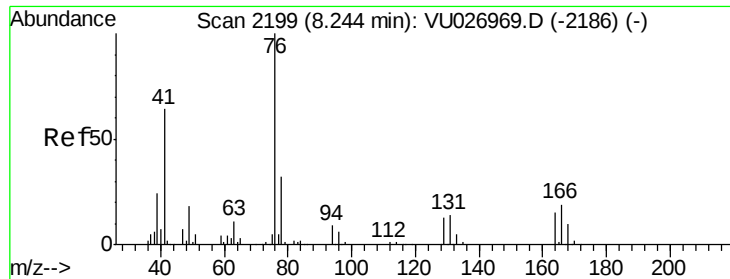
Tgt Ion: 97 Resp: 69598
 Ion Ratio Lower Upper
 97 100
 83 92.2 73.1 109.7
 85 58.4 46.7 70.1
 99 61.4 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 48.814 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 69 Resp: 117974
 Ion Ratio Lower Upper
 69 100
 41 75.4 59.0 88.4
 39 35.8 30.2 45.4

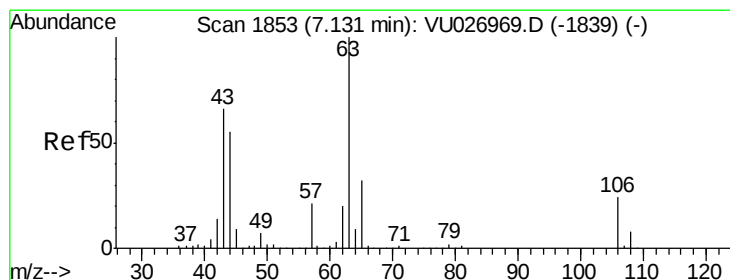
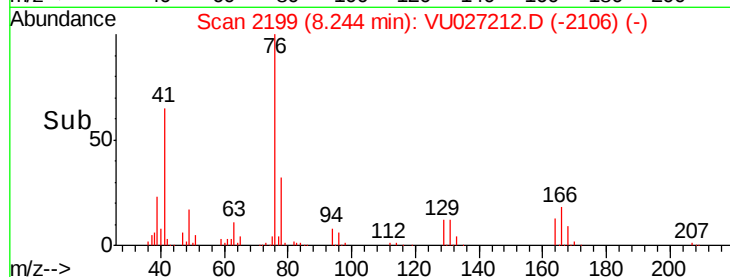
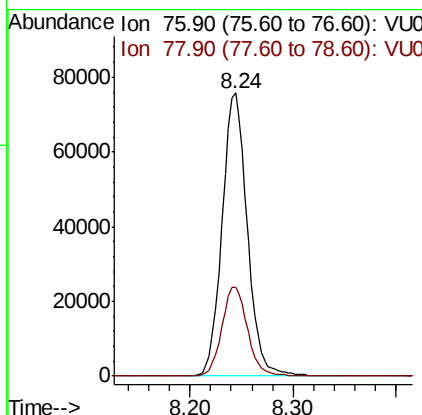
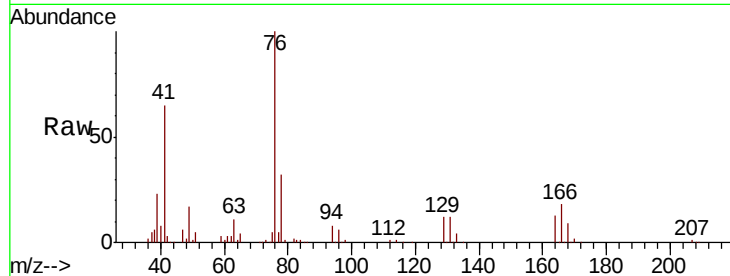




#57
 1,3-Dichloropropane
 Concen: 49.599 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

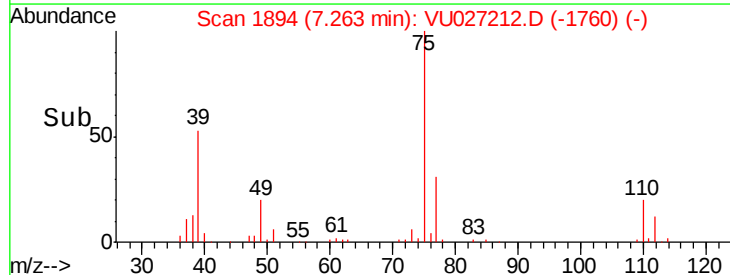
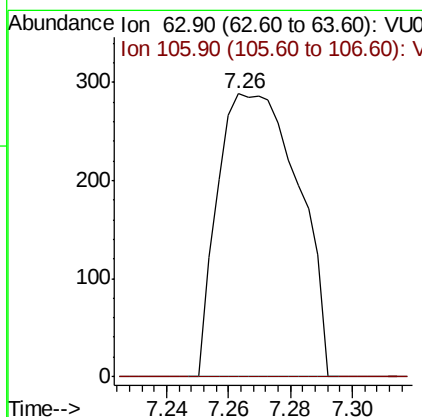
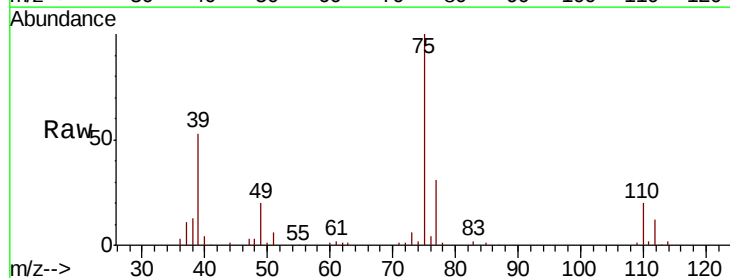
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tgt Ion: 76 Resp: 128637
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.233 ug/l
 RT: 7.26 min Scan# 1894
 Delta R.T. 0.13 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 63 Resp: 521
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

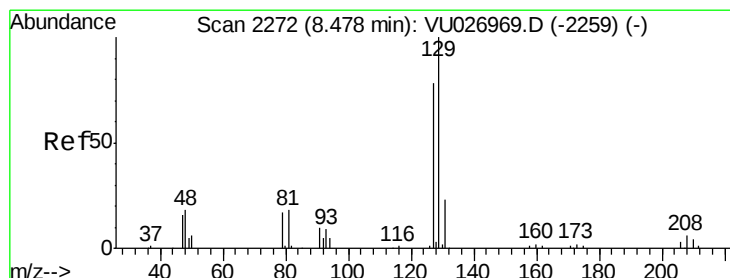
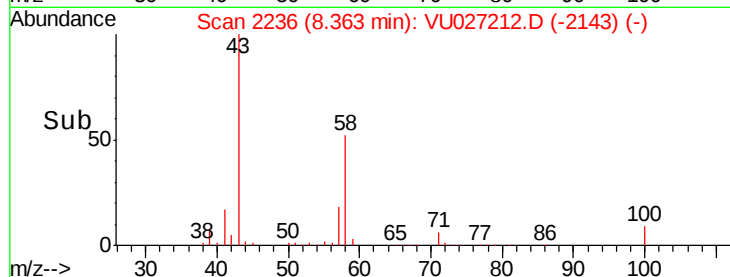
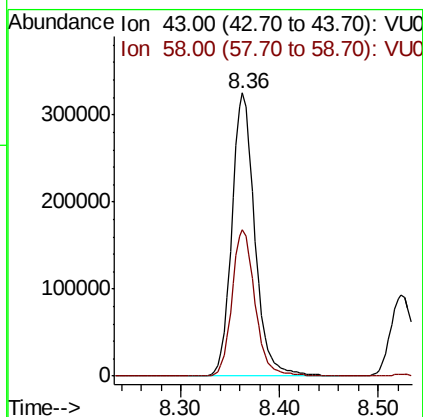
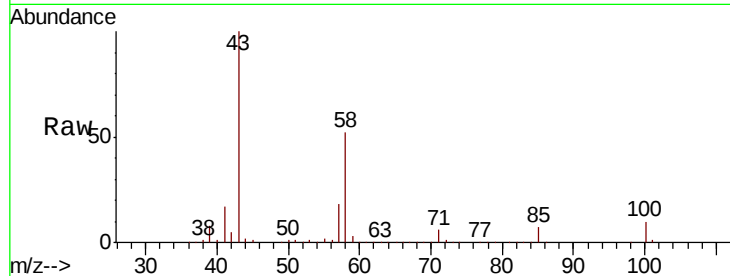




#59
2-Hexanone
Concen: 269.380 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

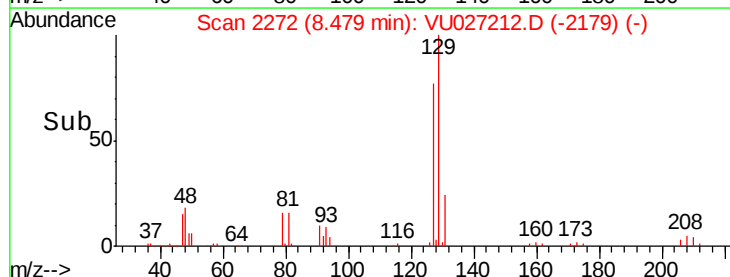
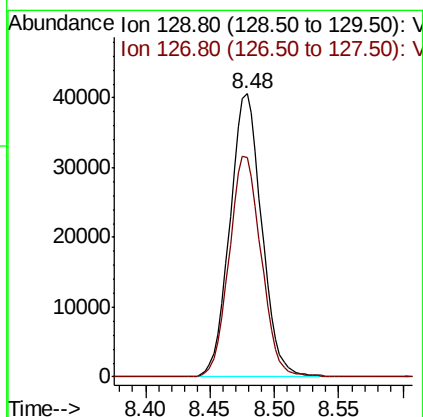
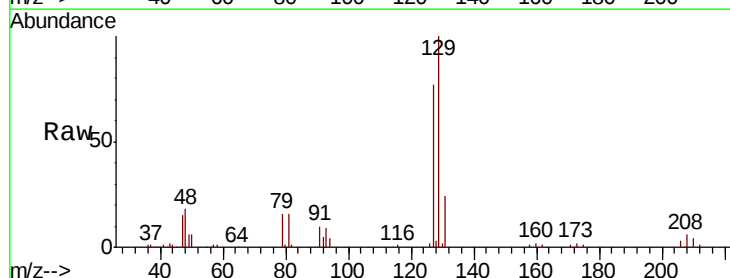
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

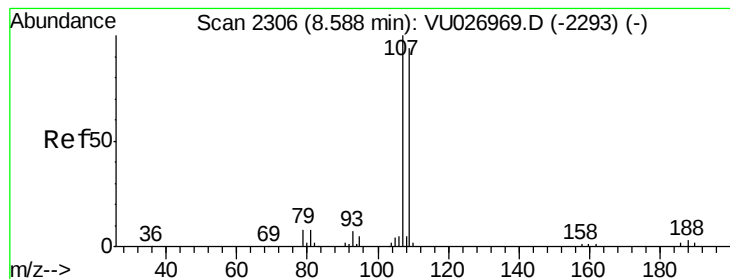
Tgt Ion: 43 Resp: 528790
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.2



#60
Dibromochloromethane
Concen: 50.935 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 129 Resp: 69670
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.523 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

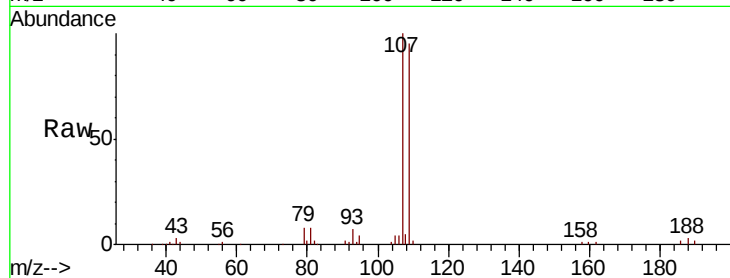
CMT-22-6-SEP18MS

Tgt Ion: 107 Resp: 70402

Ion Ratio Lower Upper

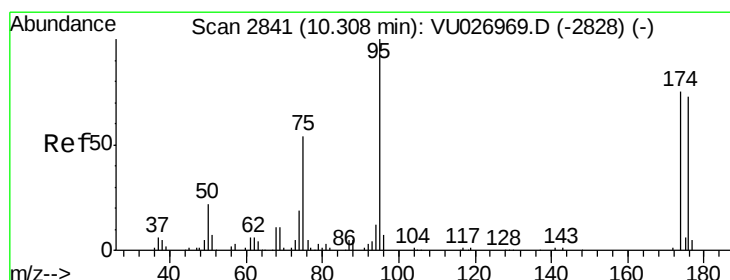
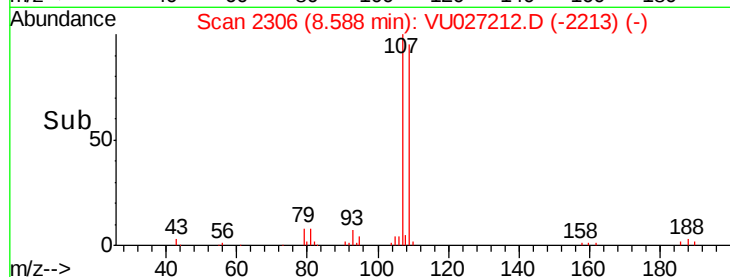
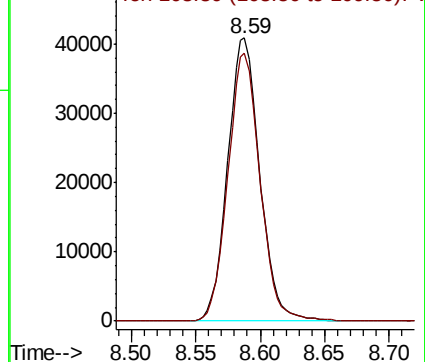
107 100

109 95.0 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: 53.764 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

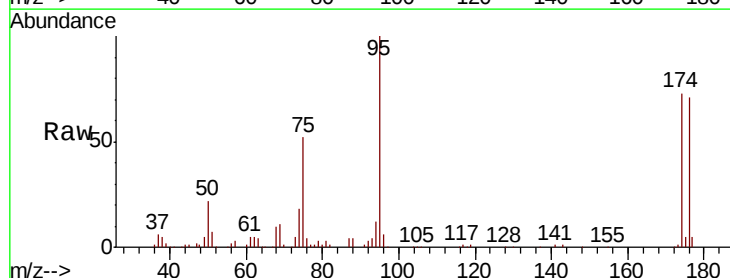
Tgt Ion: 95 Resp: 86238

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.2

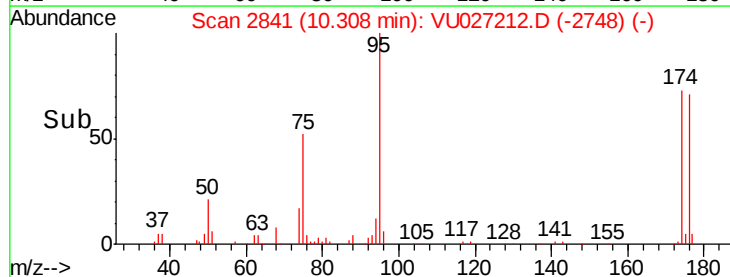
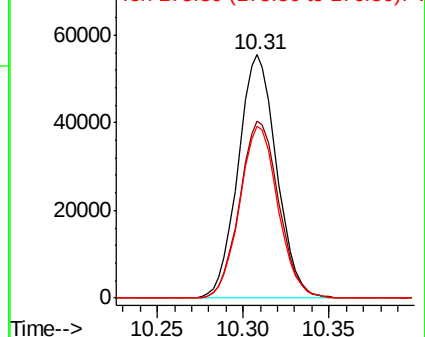
176 70.5 0.0 145.2



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

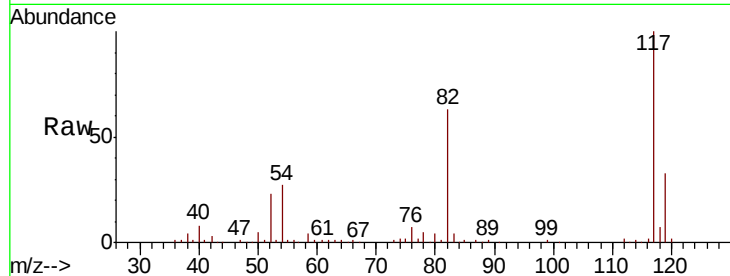




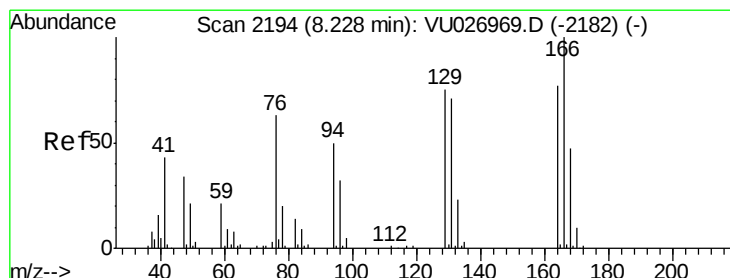
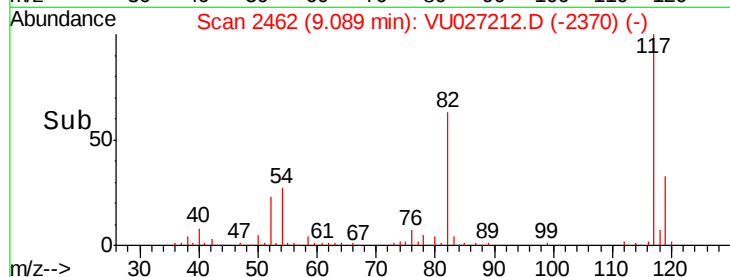
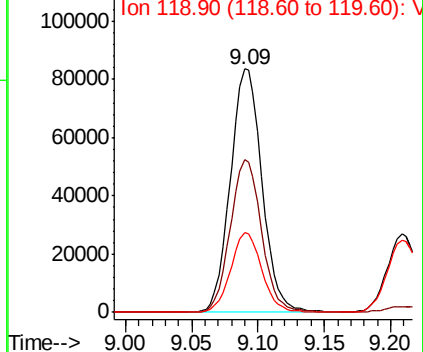
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tgt Ion:117 Resp: 138841
Ion Ratio Lower Upper
117 100
82 62.5 48.0 72.0
119 32.7 25.8 38.8



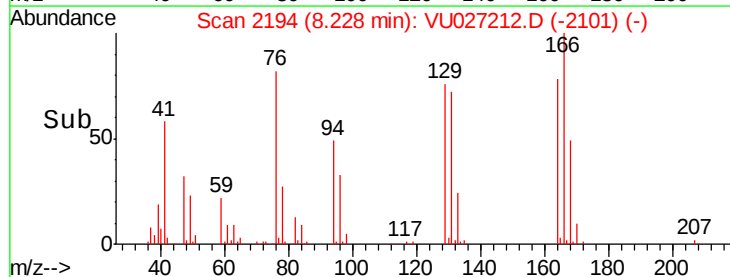
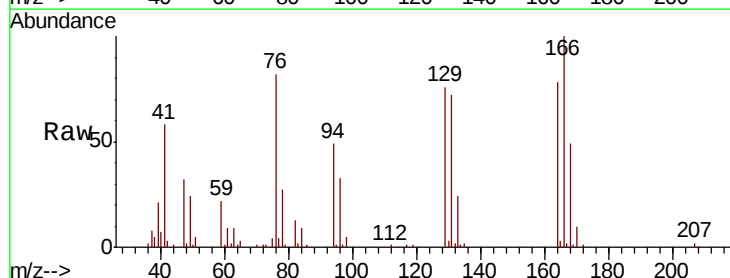
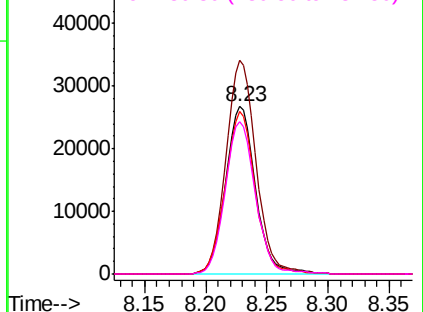
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027212.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 43.110 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:164 Resp: 46122
Ion Ratio Lower Upper
164 100
166 127.5 104.4 156.6
129 96.9 78.7 118.1
131 91.3 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

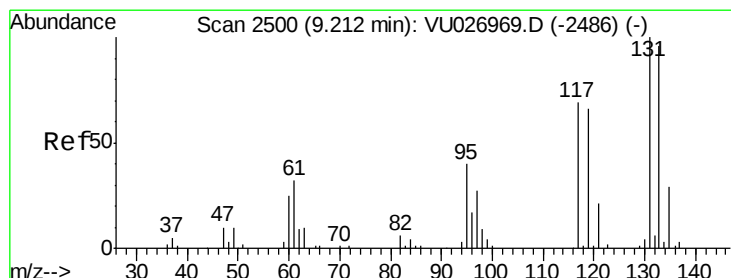
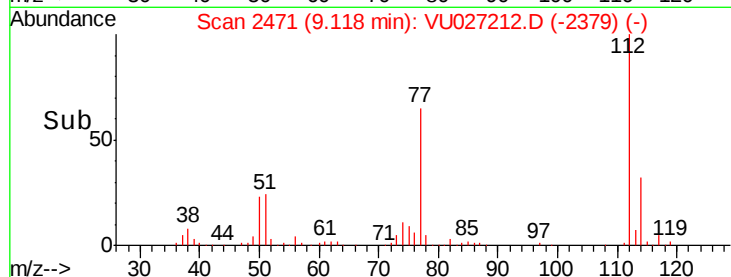
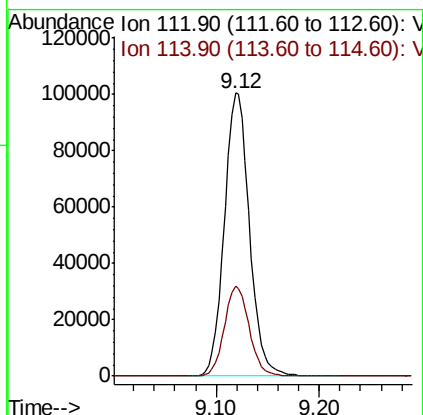
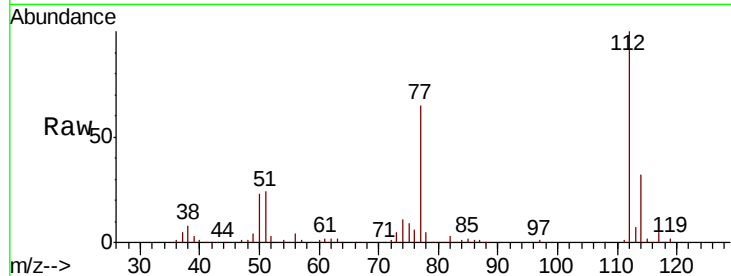




#65
Chlorobenzene
Concen: 46.194 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

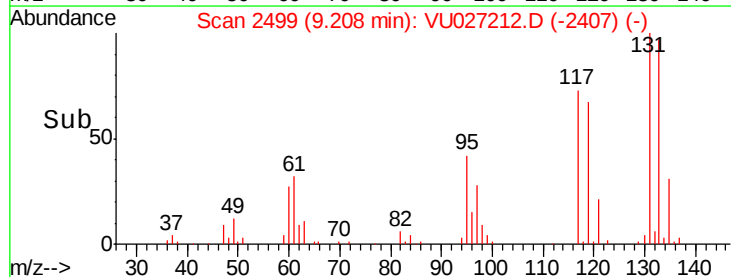
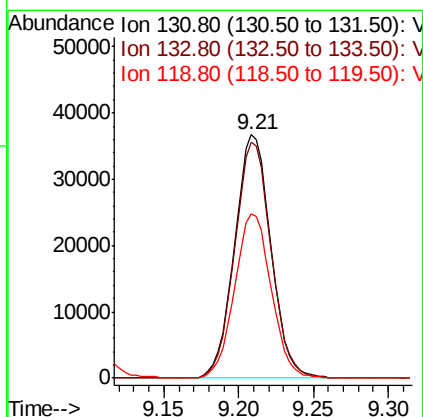
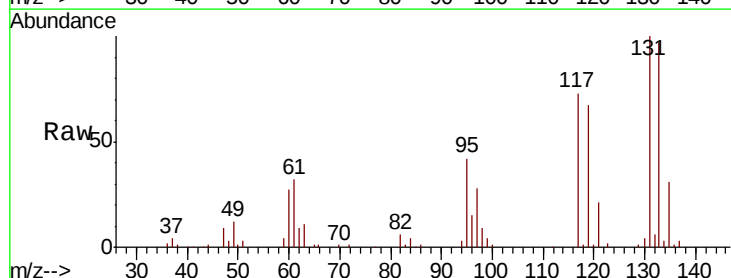
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

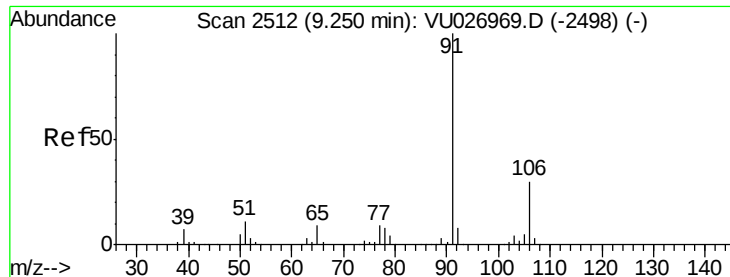
Tgt Ion:112 Resp: 170057
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.846 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:131 Resp: 61937
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.2
119 68.2 33.4 100.1

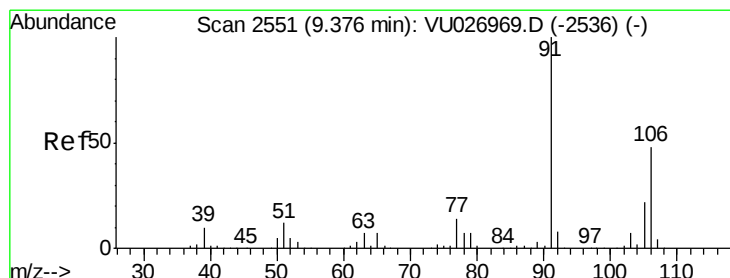
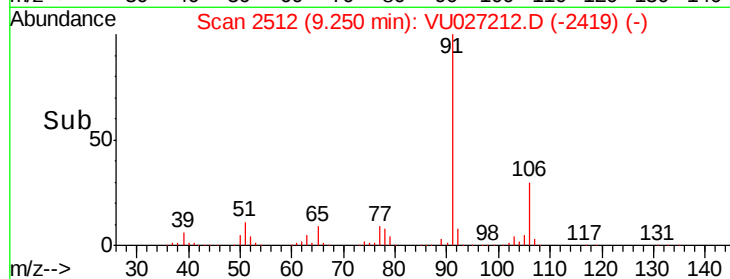
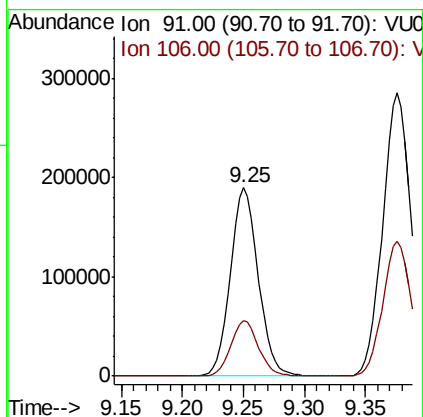
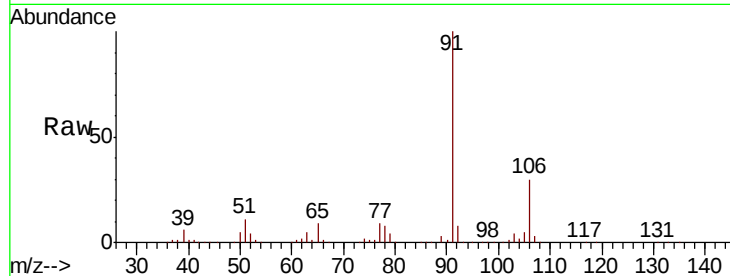




#67
Ethyl Benzene
Concen: 50.039 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

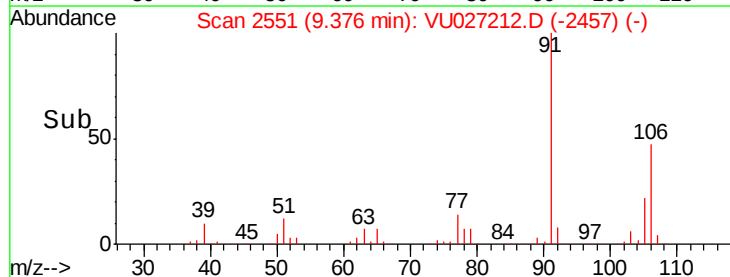
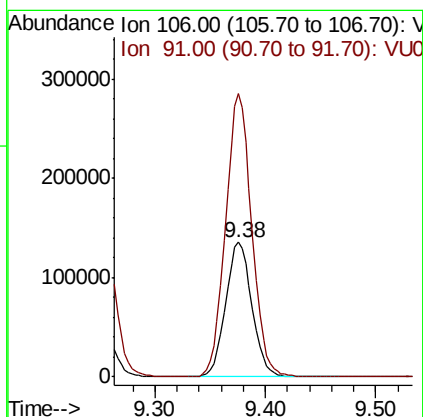
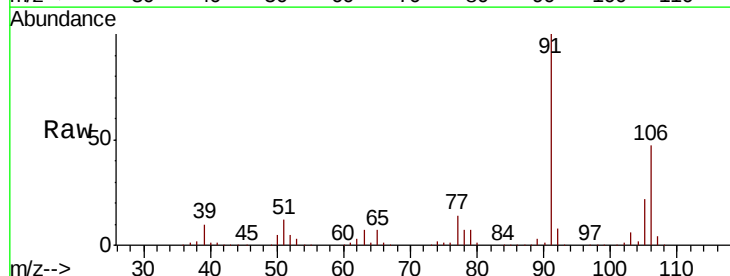
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tgt Ion: 91 Resp: 302918
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8



#68
m/p-Xylenes
Concen: 91.267 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 106 Resp: 223426
Ion Ratio Lower Upper
106 100
91 209.7 166.5 249.7

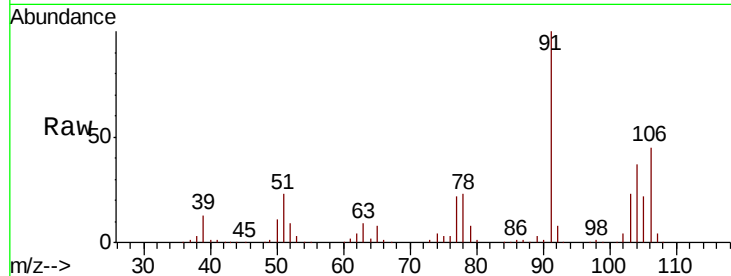




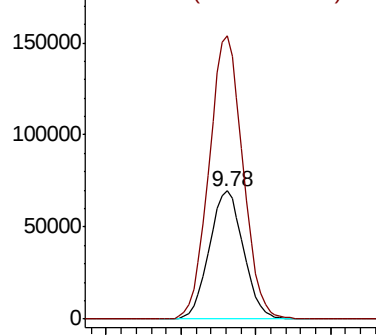
#69
o-Xylene
Concen: 51.558 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

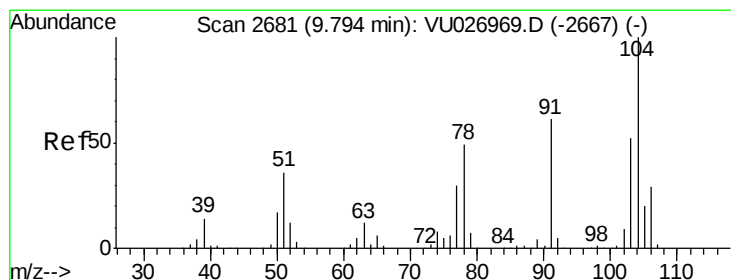
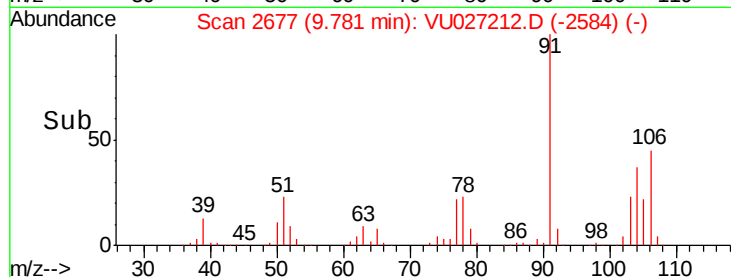
Tgt Ion:106 Resp: 110585
Ion Ratio Lower Upper
106 100
91 219.1 110.2 330.6



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

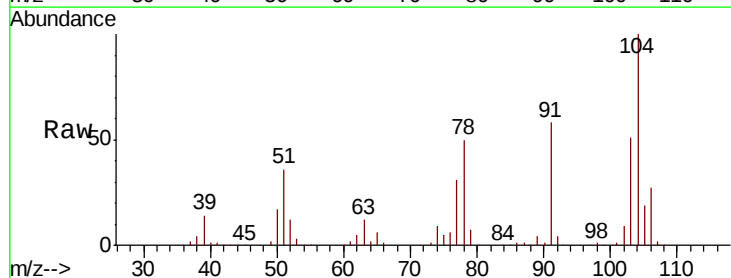


Time-->

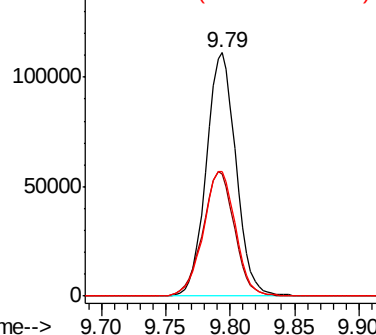


#70
Styrene
Concen: 44.711 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

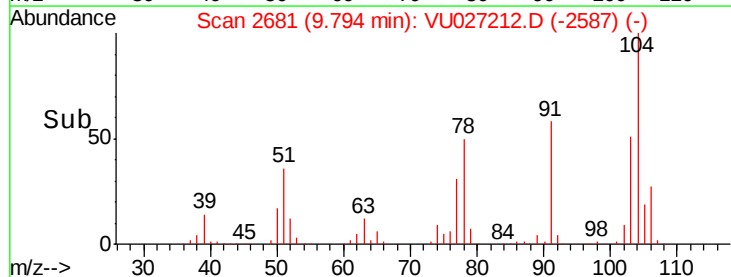
Tgt Ion:104 Resp: 178264
Ion Ratio Lower Upper
104 100
78 54.4 43.0 64.4
103 55.3 44.1 66.1



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



Time-->





#71

Bromoform

Concen: 52.954 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

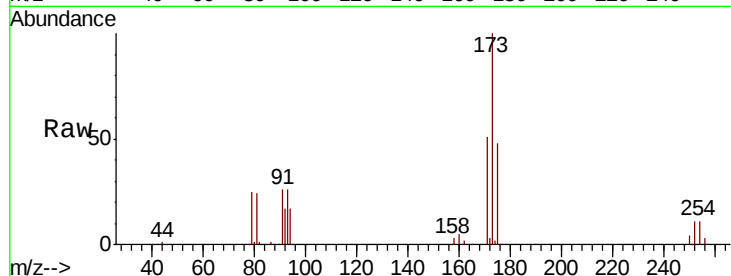
Tgt Ion:173 Resp: 51924

Ion Ratio Lower Upper

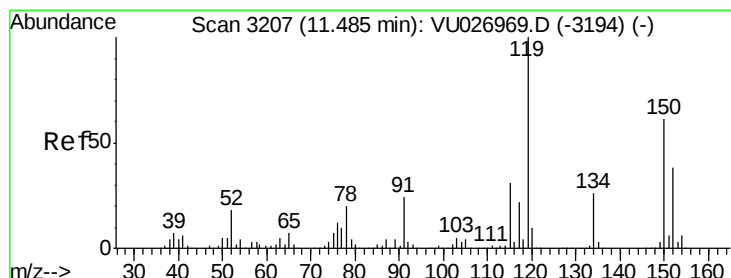
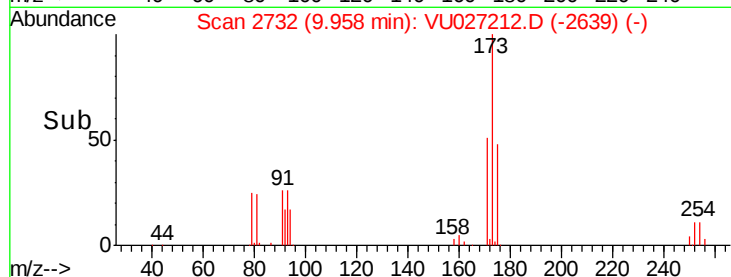
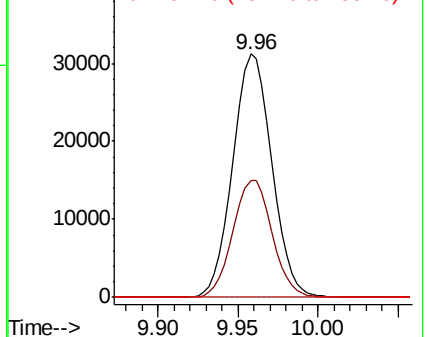
173 100

175 48.1 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

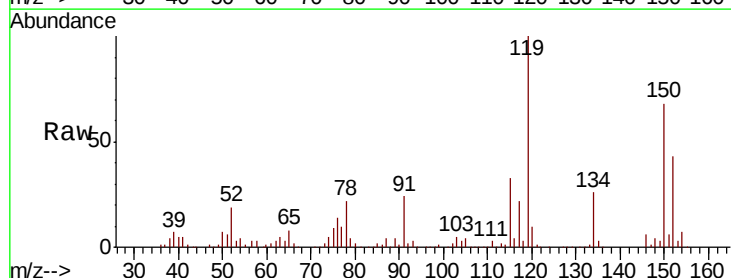
Tgt Ion:152 Resp: 75139

Ion Ratio Lower Upper

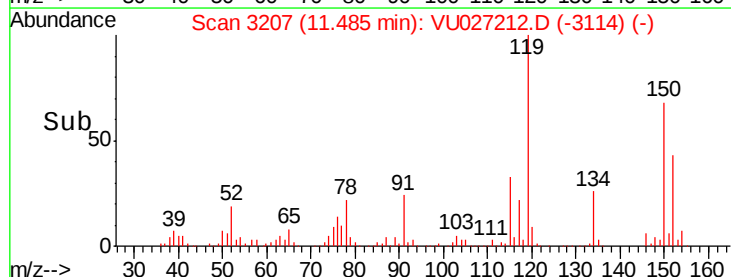
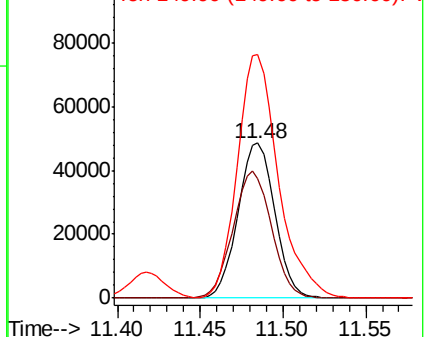
152 100

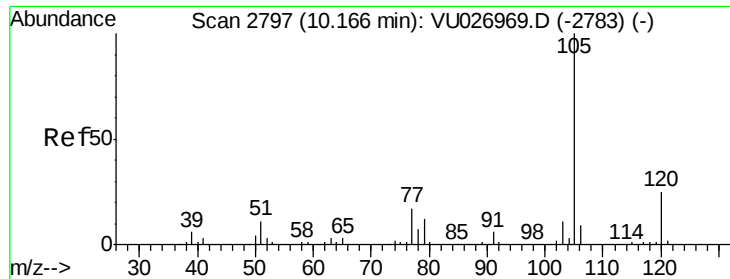
115 85.5 44.9 134.5

150 174.8 0.0 355.8



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





#73

Isopropylbenzene

Concen: 51.989 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

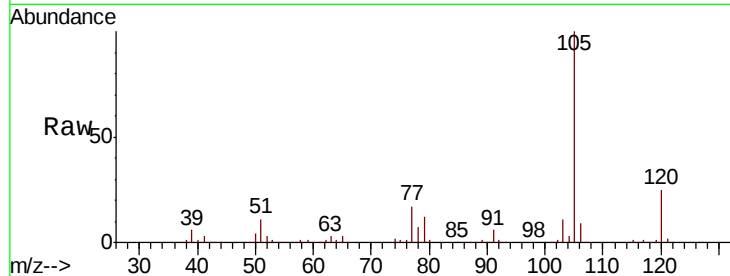
CMT-22-6-SEP18MS

Tgt Ion:105 Resp: 297158

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

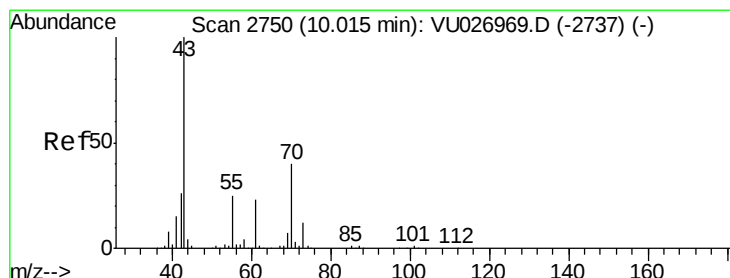
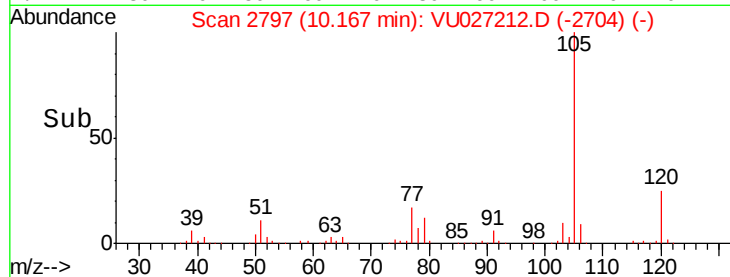
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 45.897 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Tgt Ion: 43 Resp: 151852

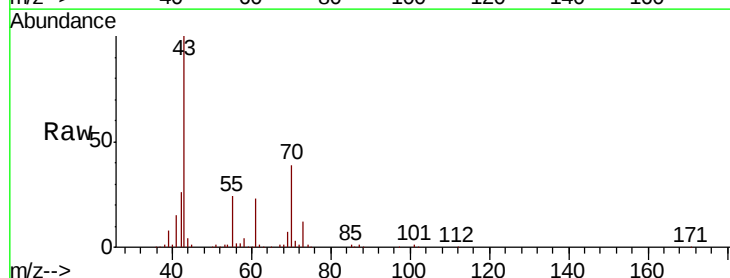
Ion Ratio Lower Upper

43 100

70 38.6 31.8 47.8

55 24.1 19.9 29.9

61 23.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

150000

100000

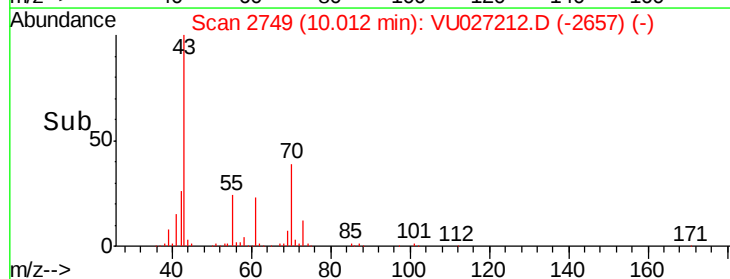
50000

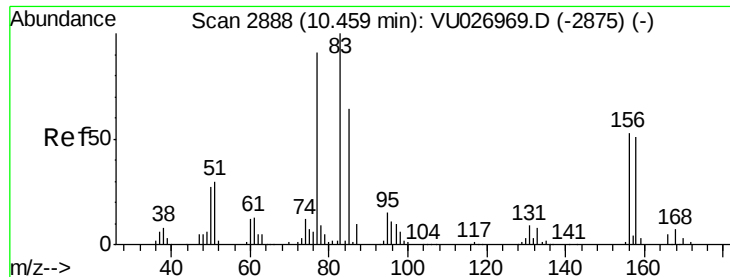
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.493 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

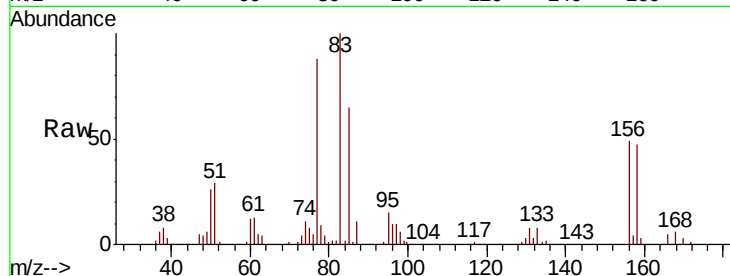
Tgt Ion: 83 Resp: 122180

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

85 64.9 31.9 95.7



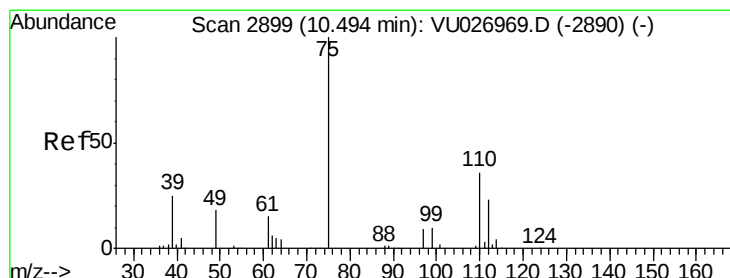
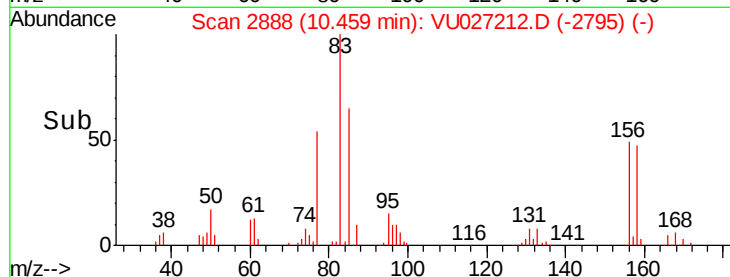
Abundance Ion 82.90 (82.60 to 83.60): VU027212.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU027212.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU027212.D (-2875) (-)

10.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.223 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027212.D

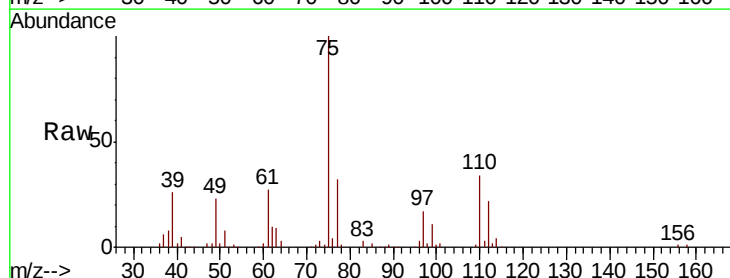
Acq: 27 Sep 2018 05:27

Tgt Ion: 75 Resp: 137470

Ion Ratio Lower Upper

75 100

77 30.8 20.9 62.8

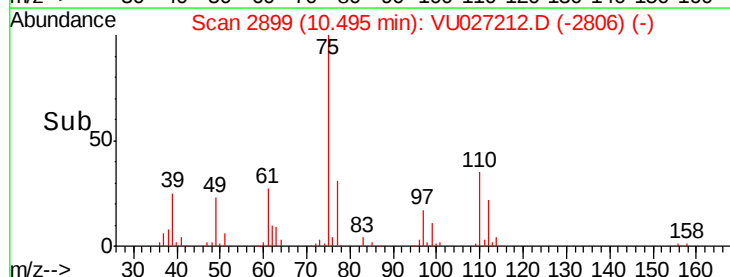


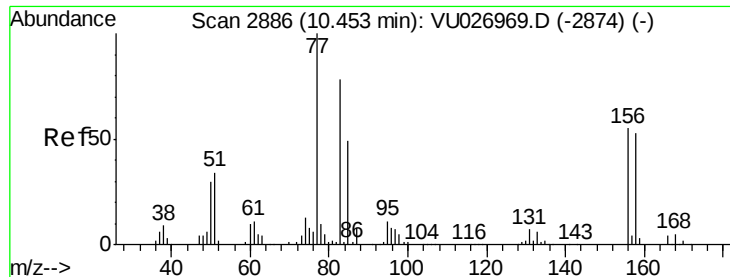
Abundance Ion 74.90 (74.60 to 75.60): VU027212.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027212.D (-2890) (-)

10.49

Time-->





#77

Bromobenzene

Concen: 49.386 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

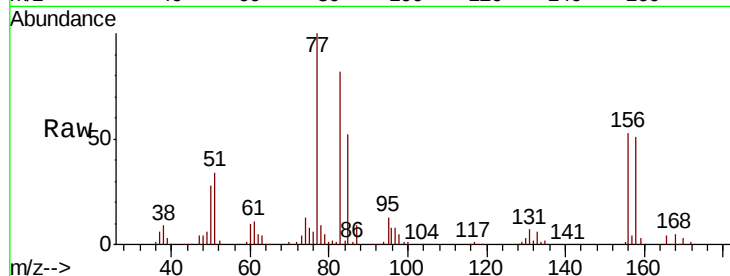
Tgt Ion:156 Resp: 68980

Ion Ratio Lower Upper

156 100

77 189.5 92.3 276.9

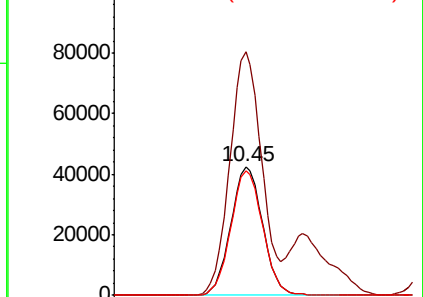
158 96.6 48.1 144.3



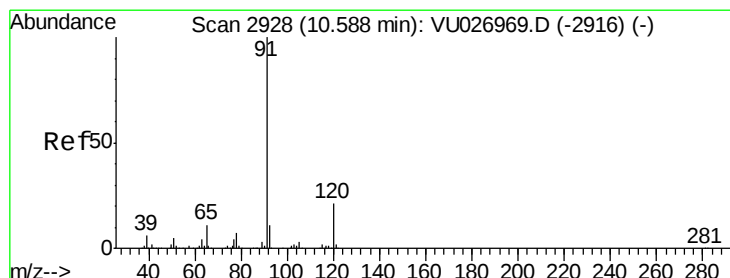
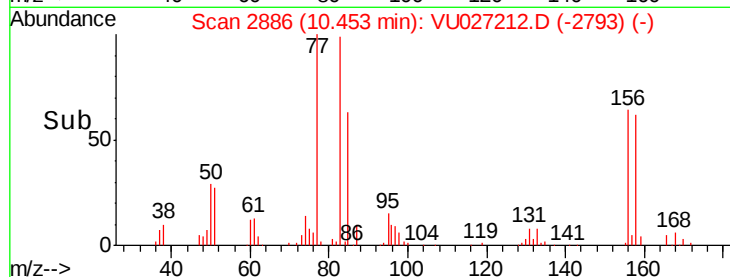
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 51.551 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027212.D

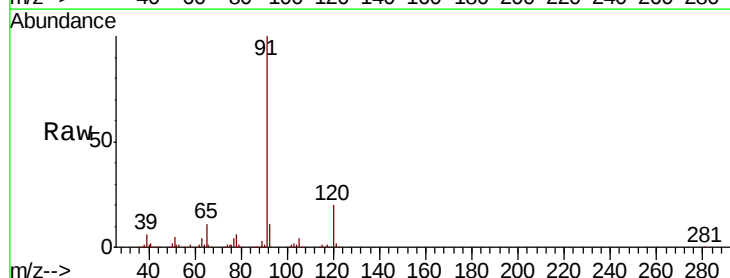
Acq: 27 Sep 2018 05:27

Tgt Ion: 91 Resp: 348642

Ion Ratio Lower Upper

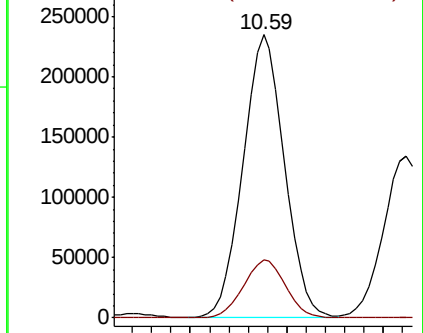
91 100

120 20.9 10.6 31.8

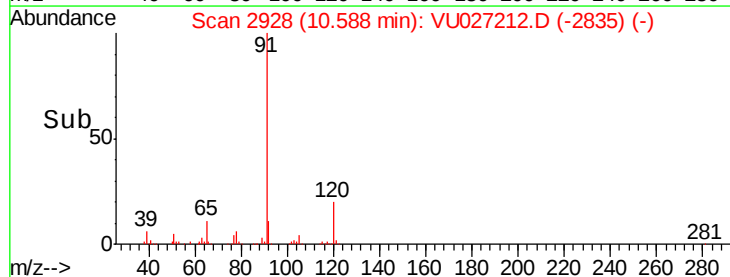


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



Time-->

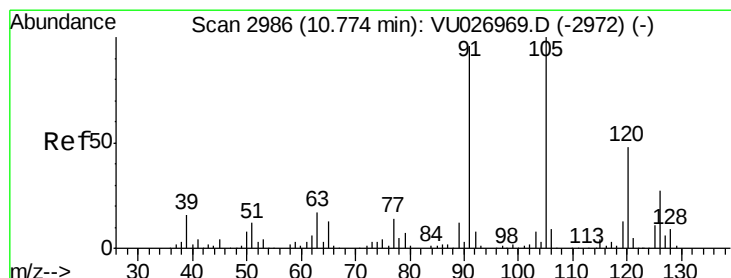
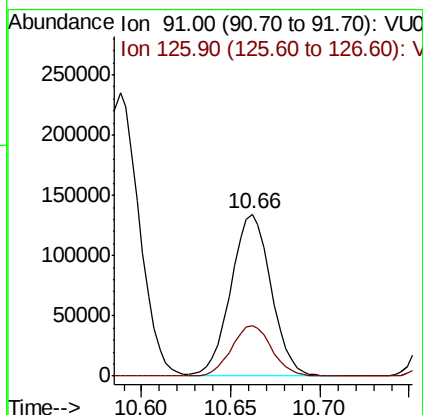
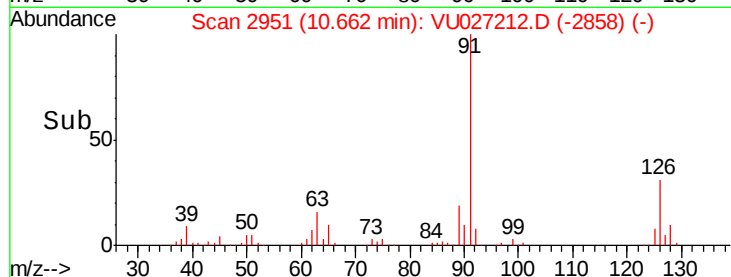
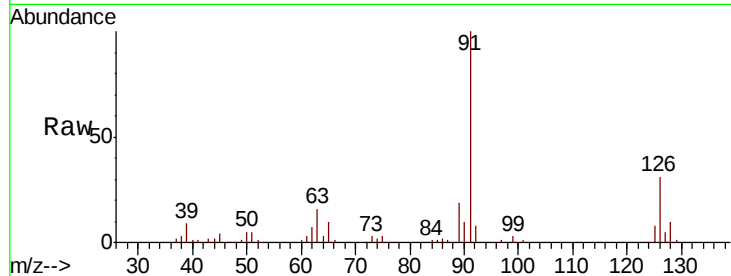




#79
 2-Chlorotoluene
 Concen: 49.356 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

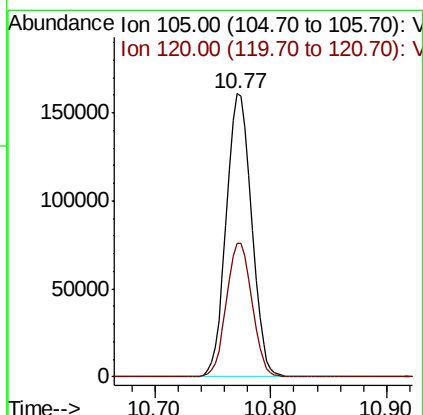
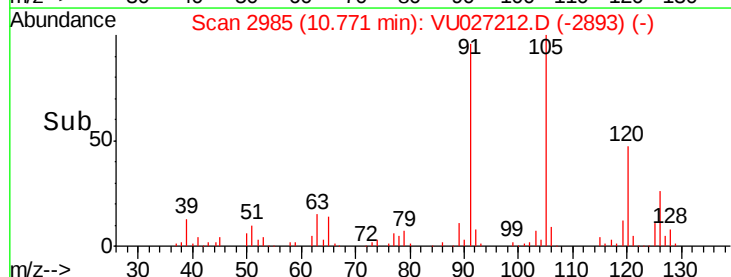
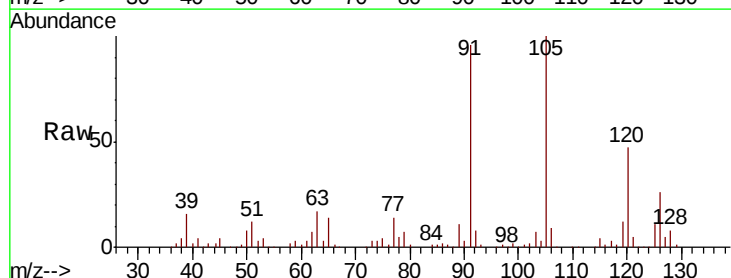
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

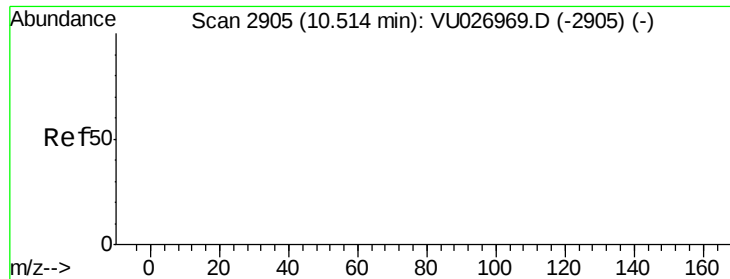
Tgt Ion: 91 Resp: 209669
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.419 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion: 105 Resp: 242607
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 192.723 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

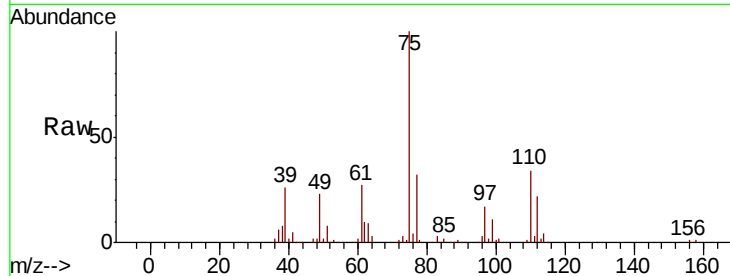
Tgt Ion: 75 Resp: 137470

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

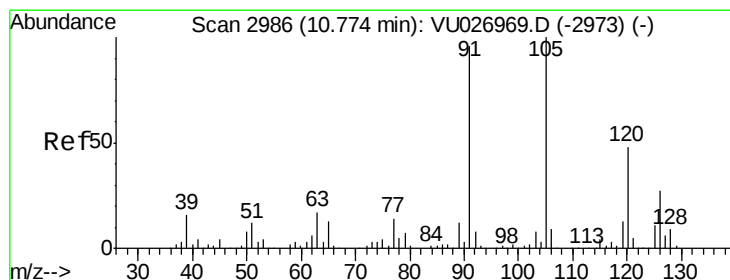
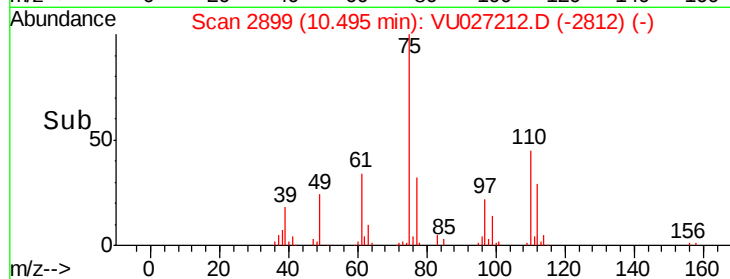
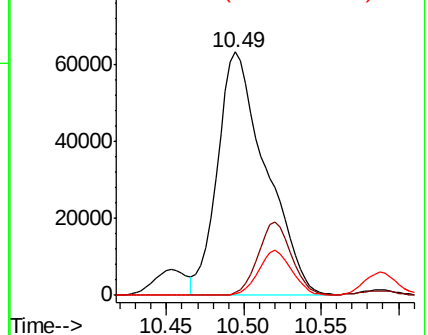
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU027212.D (-2899) (-)

Ion 53.00 (52.70 to 53.70): VU027212.D (-2899) (-)

Ion 88.90 (88.60 to 89.60): VU027212.D (-2899) (-)



#82

4-Chlorotoluene

Concen: 50.179 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027212.D

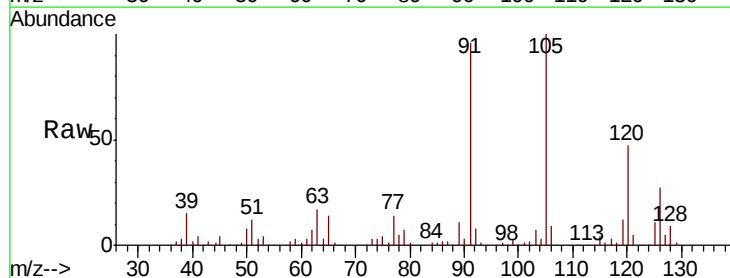
Acq: 27 Sep 2018 05:27

Tgt Ion: 91 Resp: 239016

Ion Ratio Lower Upper

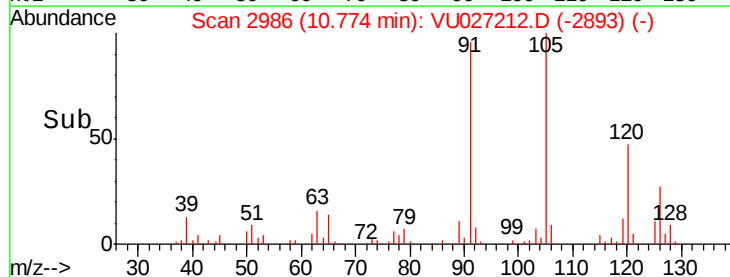
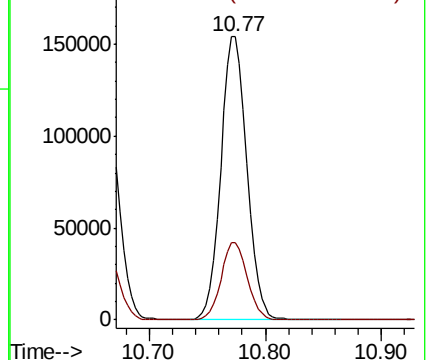
91 100

126 27.5 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU027212.D (-2893) (-)

Ion 125.90 (125.60 to 126.60): VU027212.D (-2893) (-)

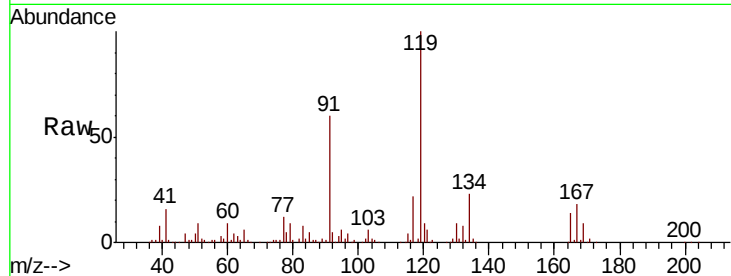




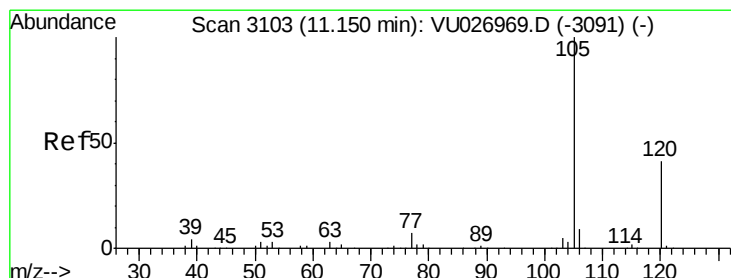
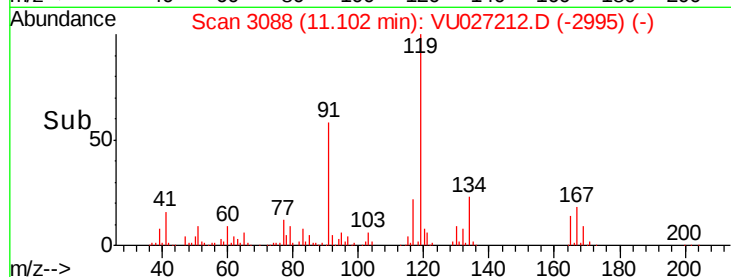
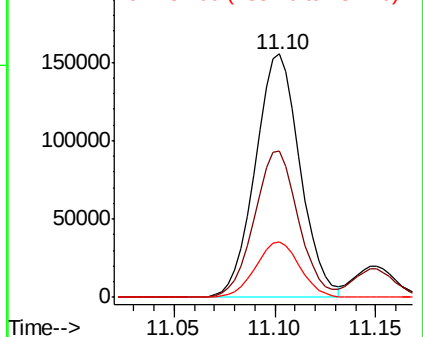
#83
 tert-Butylbenzene
 Concen: 51.661 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tgt Ion:119 Resp: 240982
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.8 89.4
 134 22.5 11.5 34.4

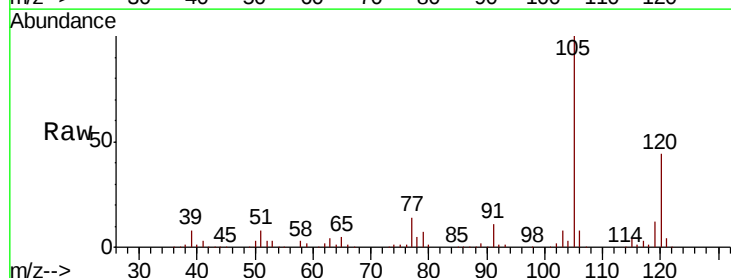


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

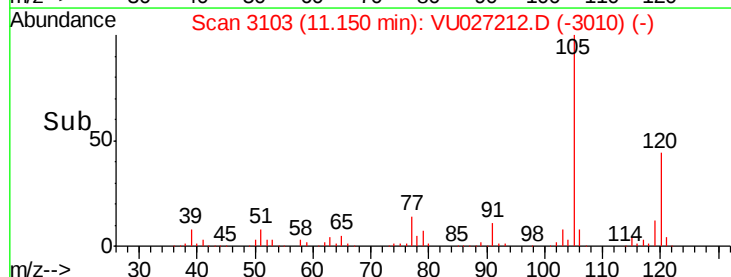
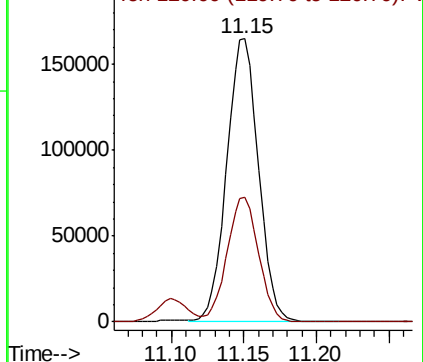


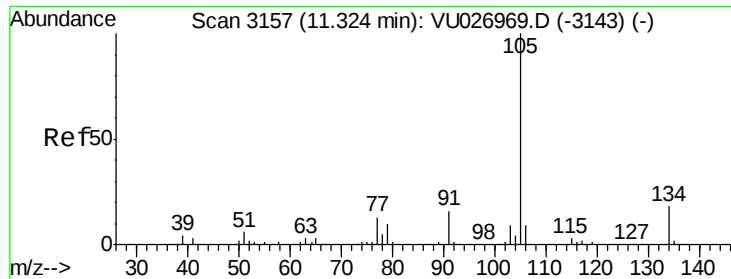
#84
 1,2,4-Trimethylbenzene
 Concen: 51.939 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion:105 Resp: 249392
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.2



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

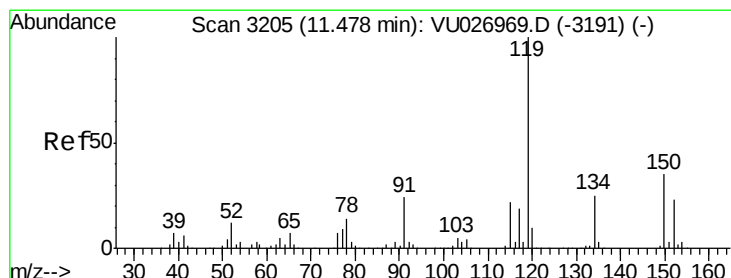
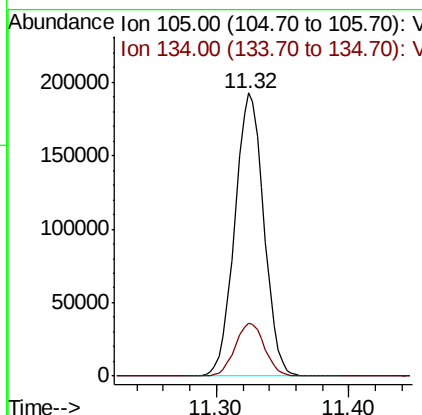
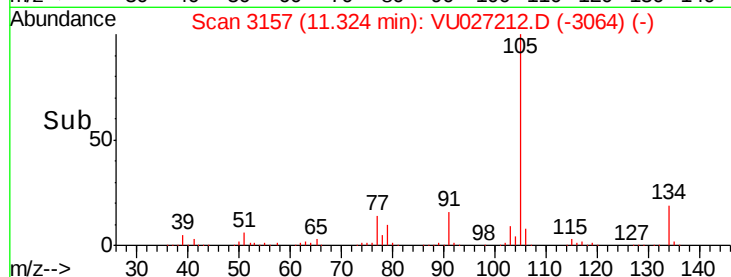
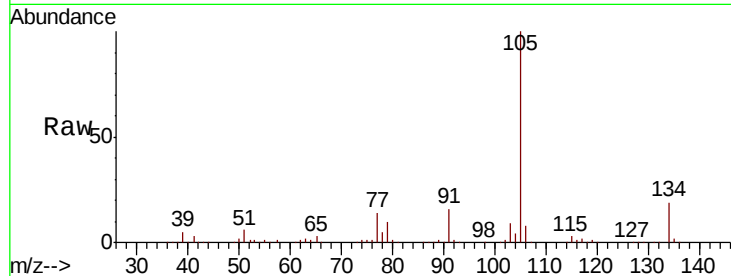




#85
 sec-Butylbenzene
 Concen: 51.177 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

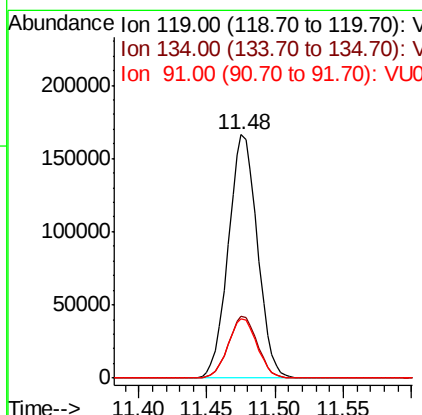
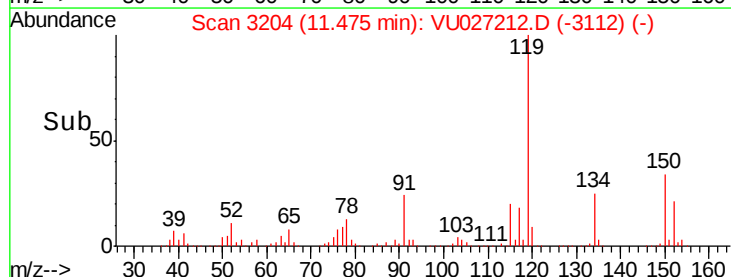
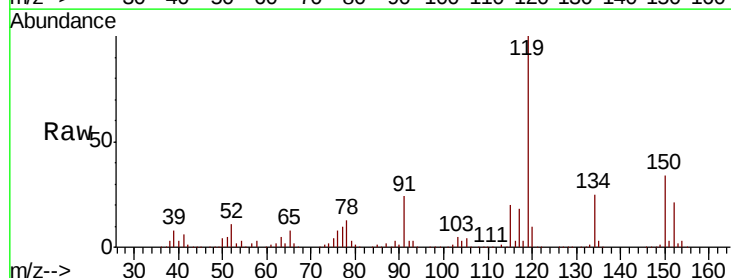
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Tgt Ion:105 Resp: 291412
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 46.031 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion:119 Resp: 245547
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.6 12.3 36.8

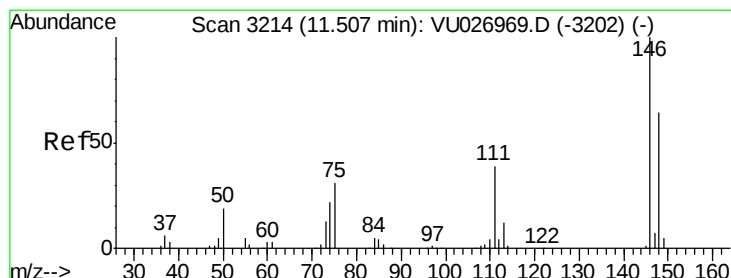
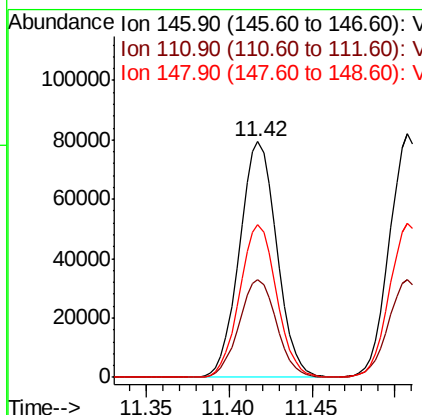
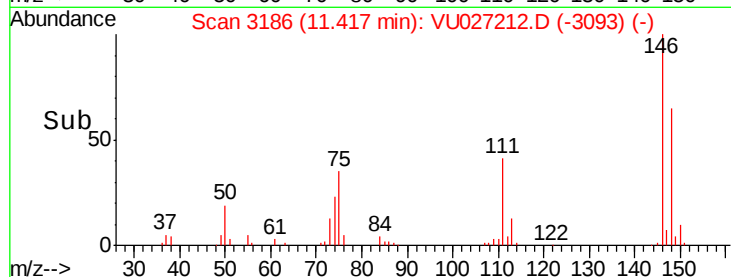
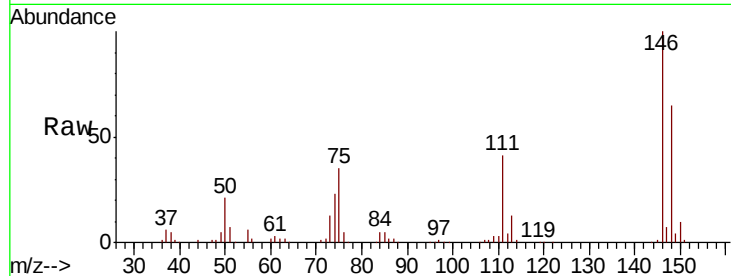




#87
 1,3-Dichlorobenzene
 Concen: 47.732 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

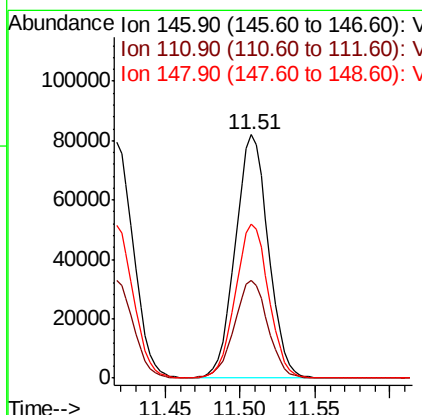
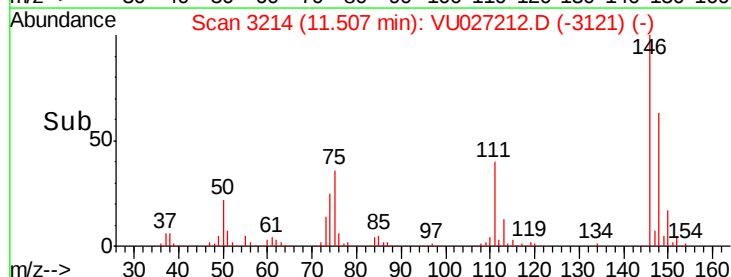
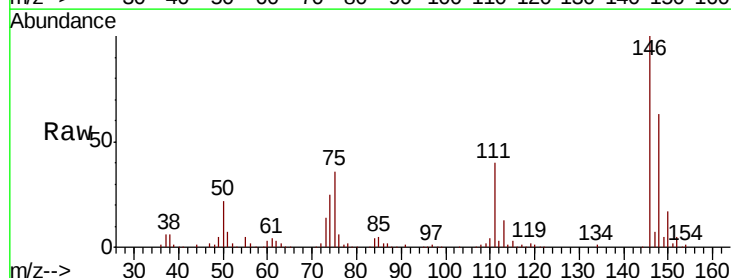
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

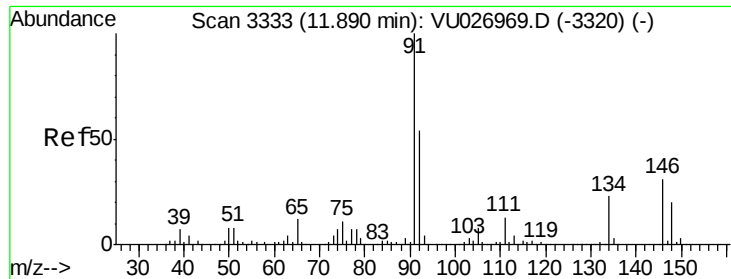
Tgt Ion:146 Resp: 124063
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.2
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 44.332 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion:146 Resp: 125584
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.9
 148 64.1 31.9 95.9

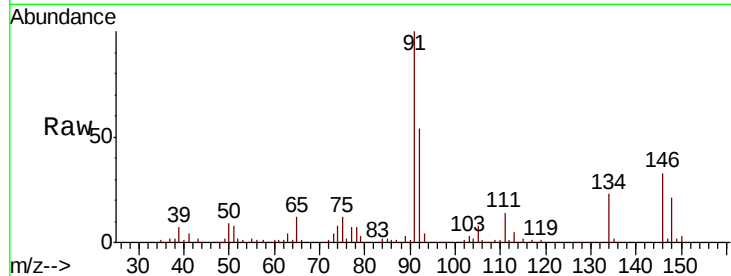




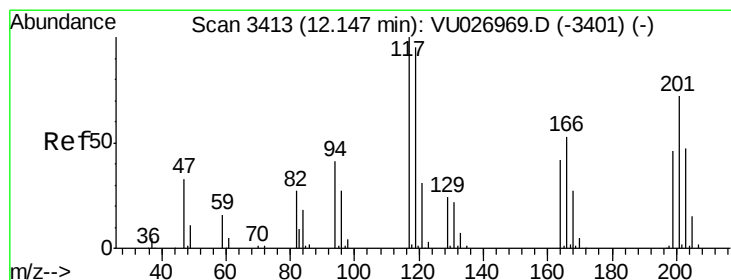
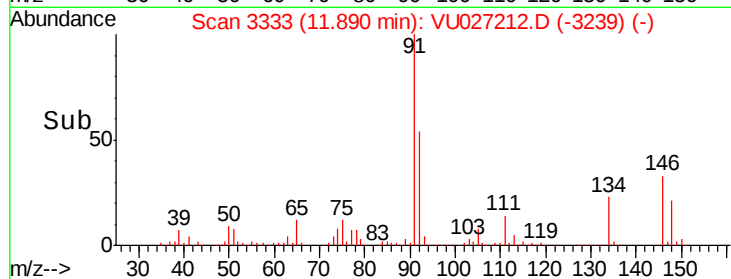
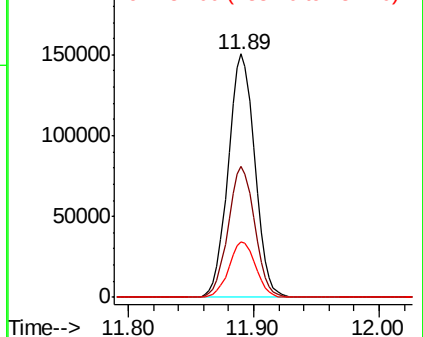
#89
n-Butylbenzene
Concen: 43.013 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tgt Ion: 91 Resp: 220965
Ion Ratio Lower Upper
91 100
92 53.4 27.1 81.2
134 22.9 11.7 35.0

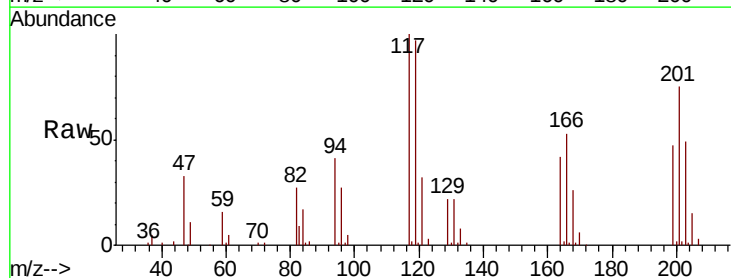


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

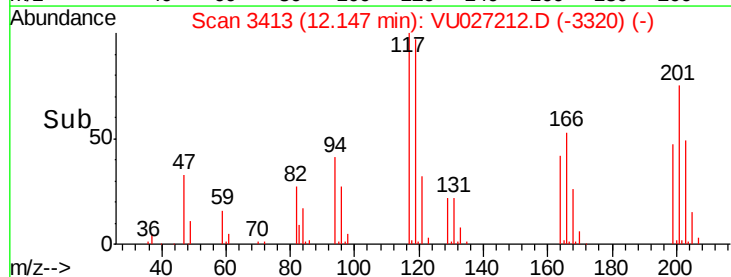
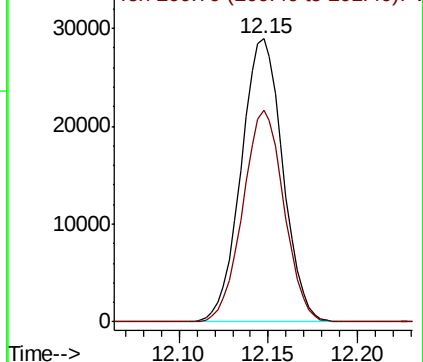


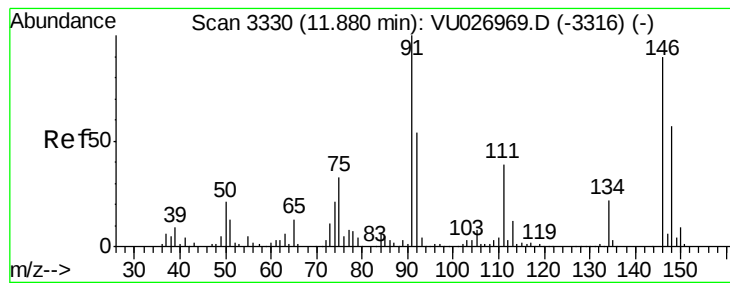
#90
Hexachloroethane
Concen: 45.461 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion: 117 Resp: 47074
Ion Ratio Lower Upper
117 100
201 73.8 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: 46.250 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MS

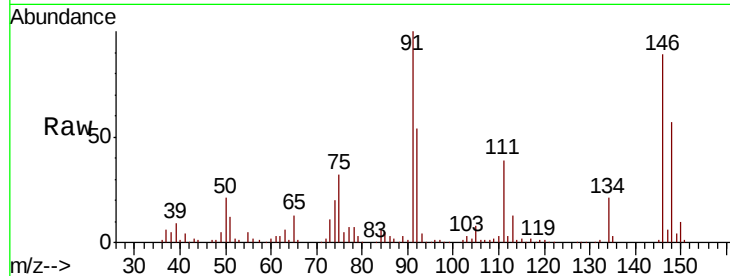
Tgt Ion:146 Resp: 127696

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

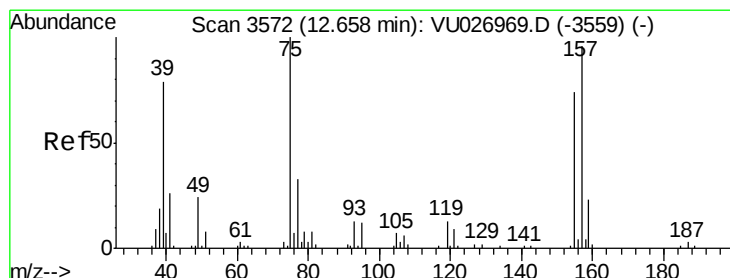
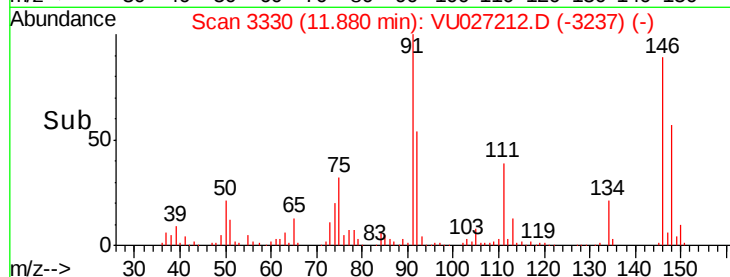
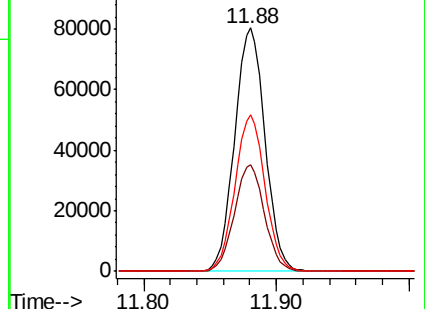
148 63.7 31.9 95.7



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: 51.133 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027212.D

Acq: 27 Sep 2018 05:27

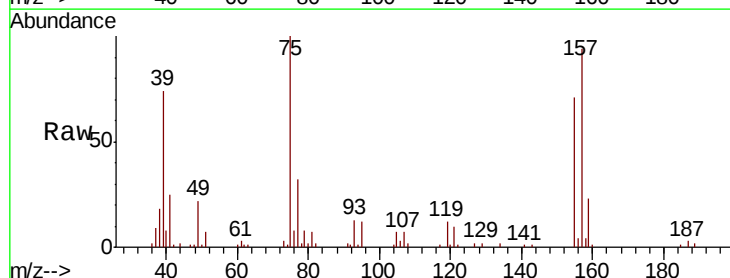
Tgt Ion: 75 Resp: 27413

Ion Ratio Lower Upper

75 100

155 73.5 36.6 109.8

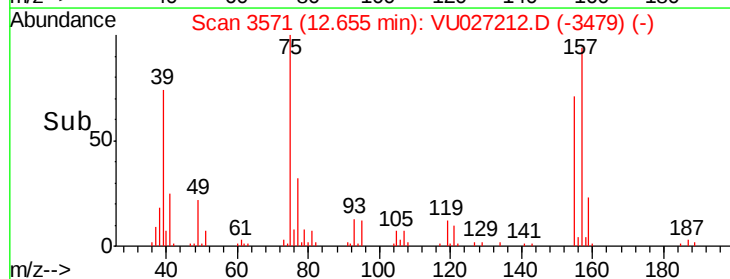
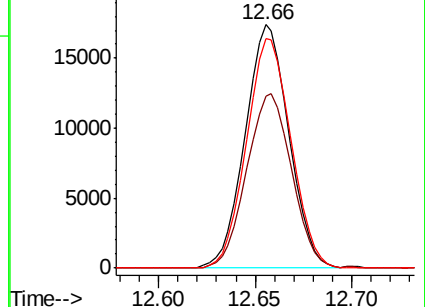
157 95.6 47.4 142.2



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

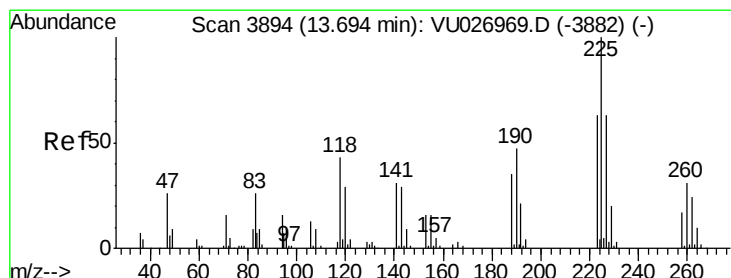
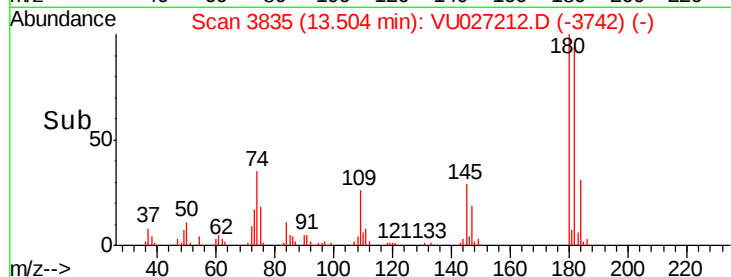
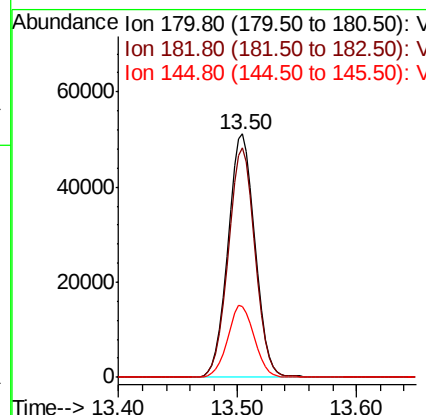
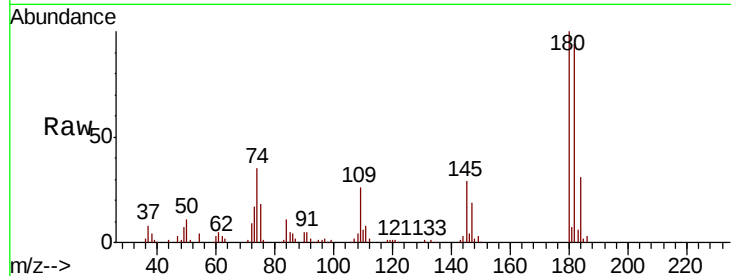




#93
 1,2,4-Trichlorobenzene
 Concen: 50.509 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

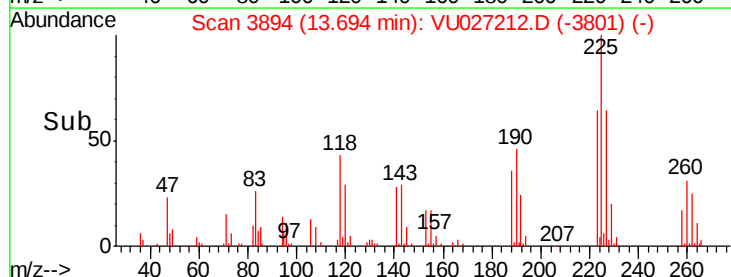
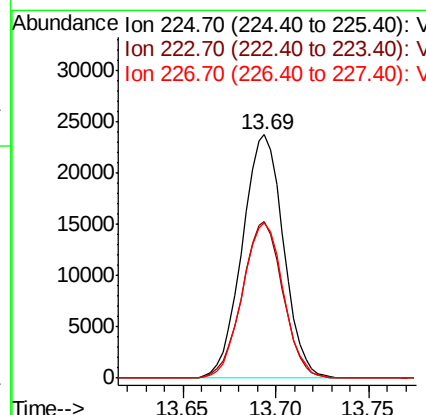
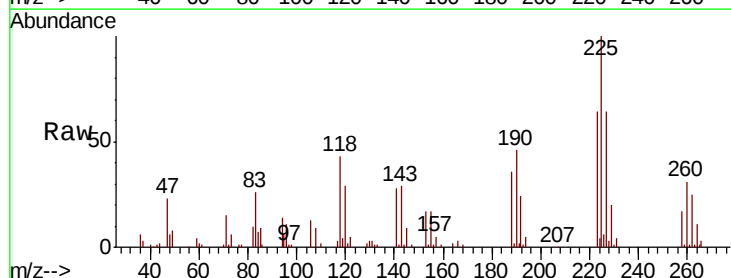
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

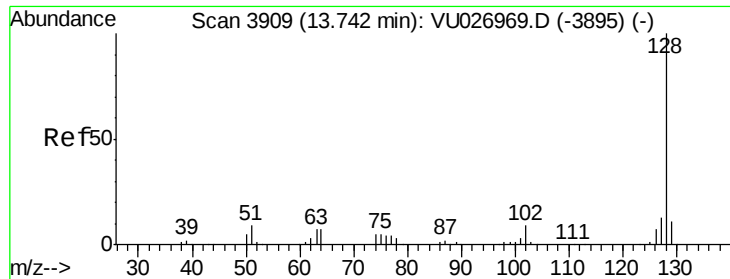
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.4	142.2
145	29.2	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 43.573 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027212.D
 Acq: 27 Sep 2018 05:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.4	32.1	96.5

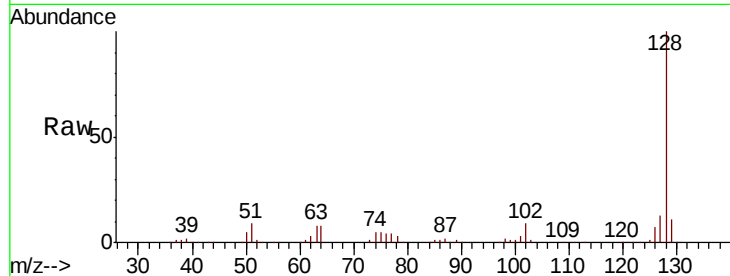




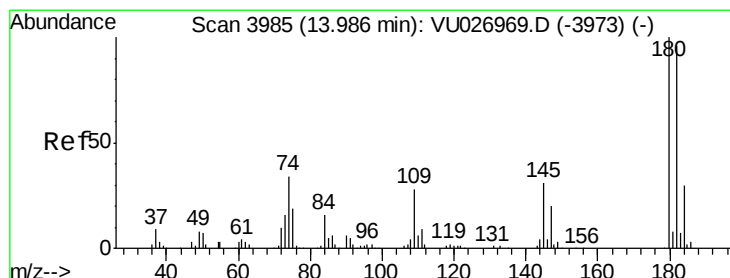
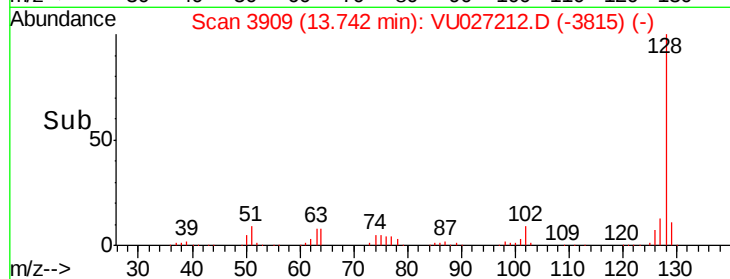
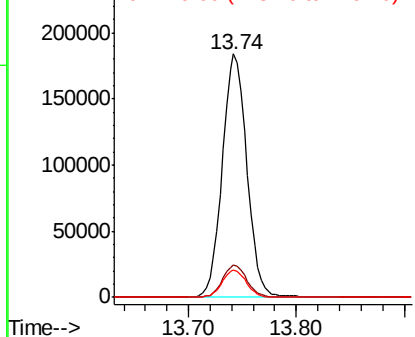
#95
Naphthalene
Concen: 46.918 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MS

Tgt Ion:128 Resp: 291196
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.6 12.8

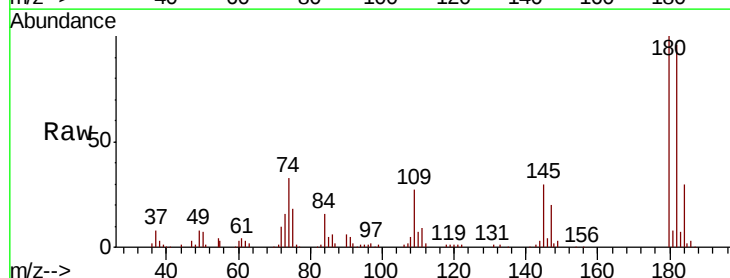


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.164 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027212.D
Acq: 27 Sep 2018 05:27

Tgt Ion:180 Resp: 85592
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 30.5 15.4 46.4



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

