

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027213.D
 Acq On : 27 Sep 2018 05:50
 Operator : MD/SY
 Sample : J5048-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Quant Time: Sep 27 08:09:34 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	78201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	137207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	132403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71600	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83523	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	4.88	113	60017	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	7.57	98	220549	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	10.31	95	81463	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	41504	40.650	ug/l	98
3) Chloromethane	1.33	50	69363	39.403	ug/l	100
4) Vinyl Chloride	1.40	62	72240	43.963	ug/l	98
5) Bromomethane	1.62	94	14992	16.022	ug/l	94
6) Chloroethane	1.69	64	49389	47.041	ug/l	100
7) Trichlorofluoromethane	1.88	101	82639	44.280	ug/l	99
8) Diethyl Ether	2.10	74	44656	49.712	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49323	42.982	ug/l	100
10) Methyl Iodide	2.41	142	13293	9.340	ug/l	100
11) Tert butyl alcohol	2.83	59	103355	286.497	ug/l	98
12) 1,1-Dichloroethene	2.28	96	48030	44.469	ug/l	96
13) Acrolein	2.19	56	34031	174.993	ug/l	99
14) Allyl chloride	2.59	41	111161	50.744	ug/l	97
15) Acrylonitrile	2.94	53	257414	283.109	ug/l	99
16) Acetone	2.32	43	228713	275.237	ug/l	99
17) Carbon Disulfide	2.48	76	147788	42.003	ug/l	100
18) Methyl Acetate	2.61	43	116540	52.022	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	227981	57.440	ug/l	100
20) Methylene Chloride	2.70	84	68146	48.345	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	55740	48.337	ug/l	98
22) Diisopropyl ether	3.57	45	270077	57.640	ug/l	97
23) Vinyl Acetate	3.52	43	985395	246.713	ug/l	99
24) 1,1-Dichloroethane	3.45	63	134830	52.247	ug/l	100
25) 2-Butanone	4.26	43	362317	273.921	ug/l	99
26) 2,2-Dichloropropane	4.23	77	54831	27.244	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	75316	57.833	ug/l	96
28) Bromochloromethane	4.55	49	72322	58.137	ug/l	98
29) Tetrahydrofuran	4.64	42	235774	294.663	ug/l	97
30) Chloroform	4.67	83	123039	51.364	ug/l	99
31) Cyclohexane	5.00	56	107853	45.929	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	98266	51.379	ug/l	98
36) 1,1-Dichloropropene	5.14	75	84683	46.245	ug/l	99
37) Ethyl Acetate	4.38	43	112564	45.408	ug/l	100
38) Carbon Tetrachloride	5.13	117	80345	46.106	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	89311	44.880	ug/l	98
40) Benzene	5.39	78	266495	47.873	ug/l	99
41) Methacrylonitrile	4.54	41	75769	58.853	ug/l	98
42) 1,2-Dichloroethane	5.40	62	105619	50.218	ug/l	100
43) Isopropyl Acetate	5.55	43	189451	52.404	ug/l	100
44) Trichloroethene	6.19	130	61788	52.137	ug/l	100
45) 1,2-Dichloropropane	6.43	63	82490	52.006	ug/l	98
46) Dibromomethane	6.56	93	47841	49.940	ug/l	99
47) Bromodichloromethane	6.76	83	96983	50.068	ug/l	100
48) Methyl methacrylate	6.62	41	103804	52.699	ug/l	98
49) 1,4-Dioxane	6.61	88	37310	954.686	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	700945	288.281	ug/l	100
52) Toluene	7.64	92	158708	49.738	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	104684	50.300	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	108682	47.494	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69861	51.670	ug/l	99
56) Ethyl methacrylate	8.02	69	120062	51.127	ug/l	97
57) 1,3-Dichloropropane	8.24	76	132242	52.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	533	5.254	ug/l #	52
59) 2-Hexanone	8.36	43	540183	283.814	ug/l	100
60) Dibromochloromethane	8.48	129	70620	53.249	ug/l	98
61) 1,2-Dibromoethane	8.59	107	72074	51.234	ug/l	100
64) Tetrachloroethene	8.23	164	45253	44.354	ug/l	98
65) Chlorobenzene	9.12	112	166979	47.563	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63514	52.526	ug/l	97
67) Ethyl Benzene	9.25	91	296945	51.438	ug/l	99
68) m/p-Xylenes	9.38	106	220119	94.238	ug/l	100
69) o-Xylene	9.78	106	107872	52.738	ug/l	98
70) Styrene	9.79	104	178497	46.856	ug/l	99
71) Bromoform	9.96	173	52372	56.008	ug/l #	98
73) Isopropylbenzene	10.17	105	289898	53.226	ug/l	100
74) N-amyl acetate	10.02	43	159723	50.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	125004	49.918	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	138600	63.719	ug/l	82
77) Bromobenzene	10.45	156	67576	50.772	ug/l	97
78) n-propylbenzene	10.59	91	342190	53.098	ug/l	100
79) 2-Chlorotoluene	10.66	91	206865	51.103	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	239671	53.308	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	138600	203.911	ug/l #	100
82) 4-Chlorotoluene	10.77	91	237850	52.402	ug/l	100
83) tert-Butylbenzene	11.10	119	236634	53.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	245346	53.621	ug/l	99
85) sec-Butylbenzene	11.32	105	290358	53.512	ug/l	100
86) p-Isopropyltoluene	11.48	119	245804	48.310	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	124359	50.210	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	125152	46.363	ug/l	100
89) n-Butylbenzene	11.89	91	222173	45.254	ug/l	100
90) Hexachloroethane	12.15	117	45844	46.462	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	127417	48.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28327	55.450	ug/l	99

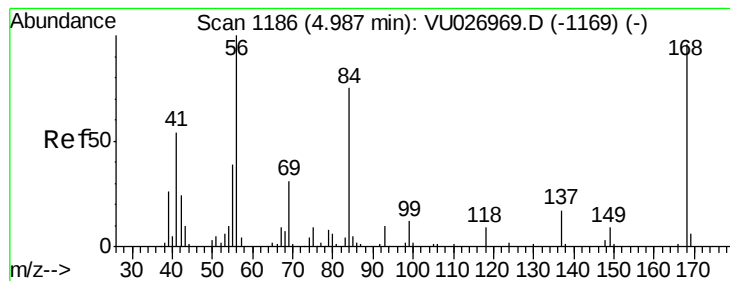
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	82645	54.511	ug/l	98
94) Hexachlorobutadiene	13.69	225	36786	45.856	ug/l	100
95) Naphthalene	13.74	128	301212	50.786	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	86029	52.913	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

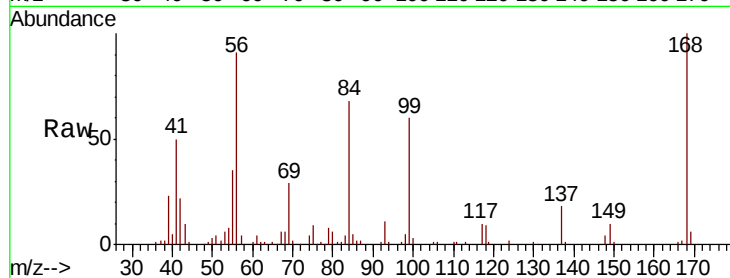
CMT-22-6-SEP18MSD

Tgt Ion:168 Resp: 78201

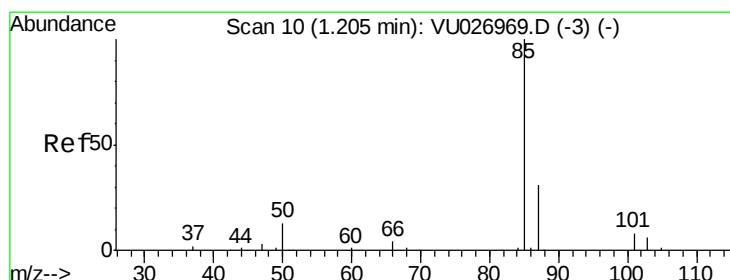
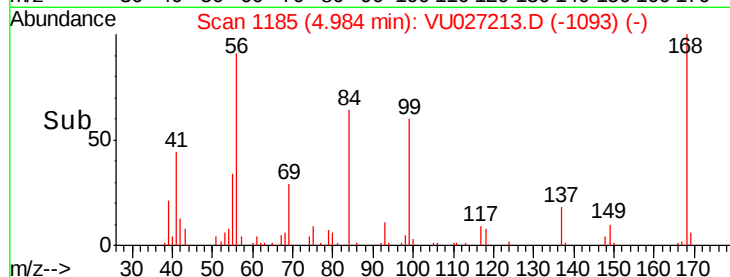
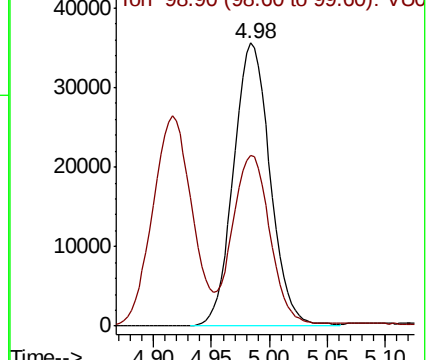
Ion Ratio Lower Upper

168 100

99 59.3 48.1 72.1



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



#2

Dichlorodifluoromethane

Concen: 40.650 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027213.D

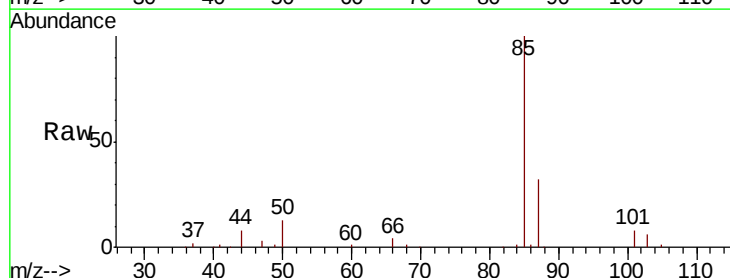
Acq: 27 Sep 2018 05:50

Tgt Ion: 85 Resp: 41504

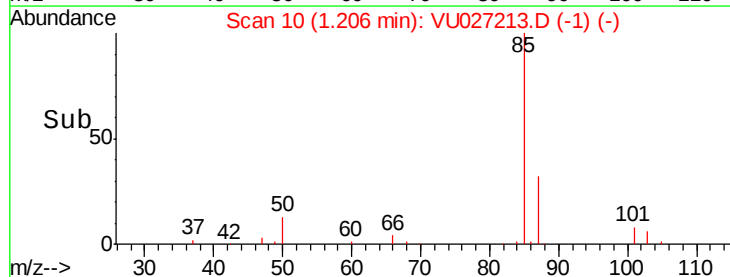
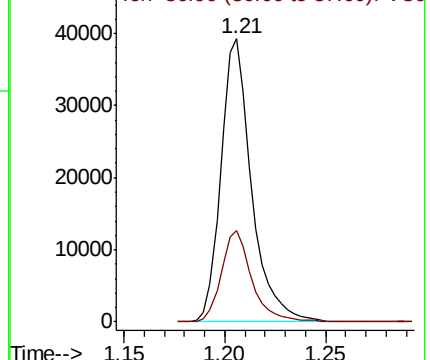
Ion Ratio Lower Upper

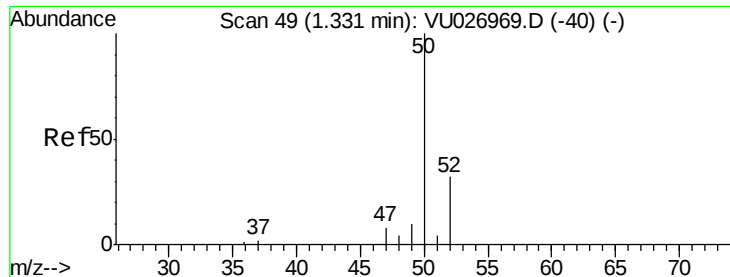
85 100

87 32.2 15.6 46.7



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





#3

Chloromethane

Concen: 39.403 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

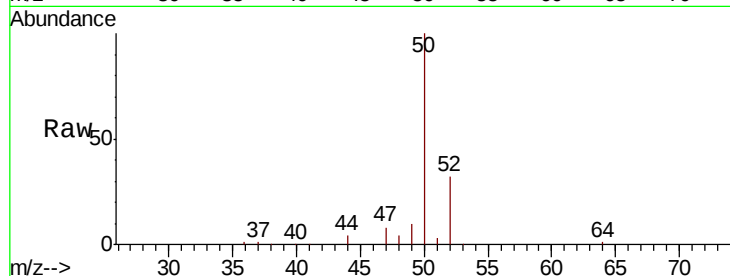
CMT-22-6-SEP18MSD

Tgt Ion: 50 Resp: 69363

Ion Ratio Lower Upper

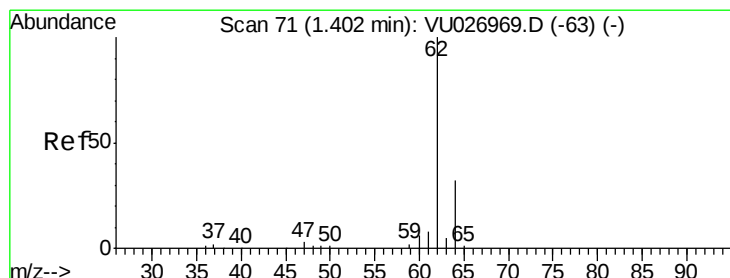
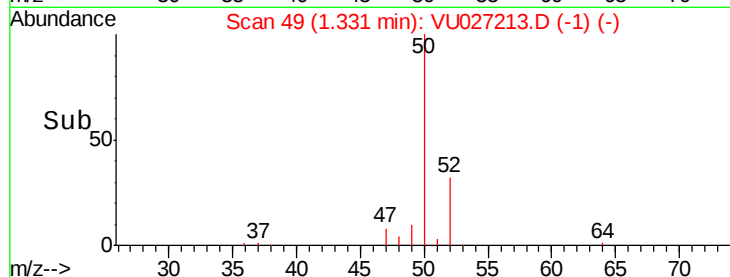
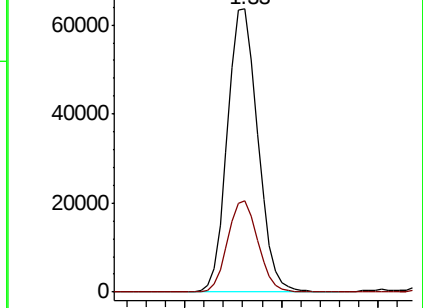
50 100

52 32.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027213.D (-1) (-)



#4

Vinyl Chloride

Concen: 43.963 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027213.D

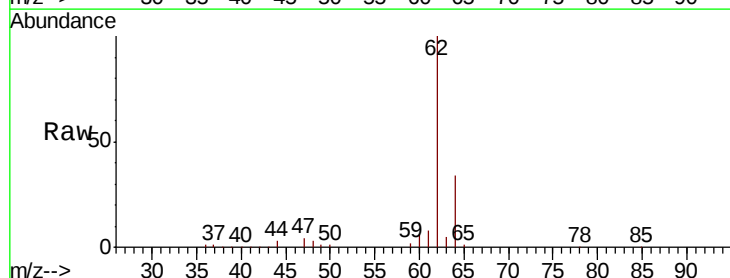
Acq: 27 Sep 2018 05:50

Tgt Ion: 62 Resp: 72240

Ion Ratio Lower Upper

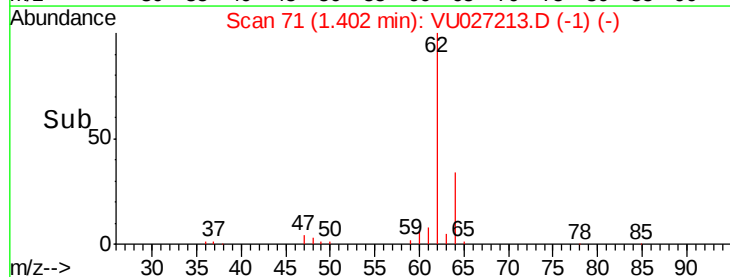
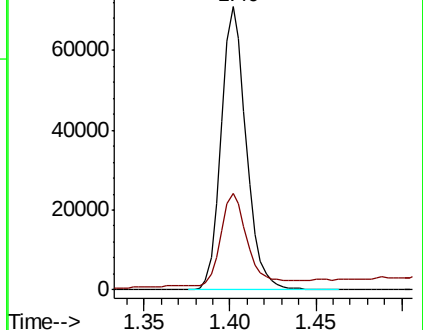
62 100

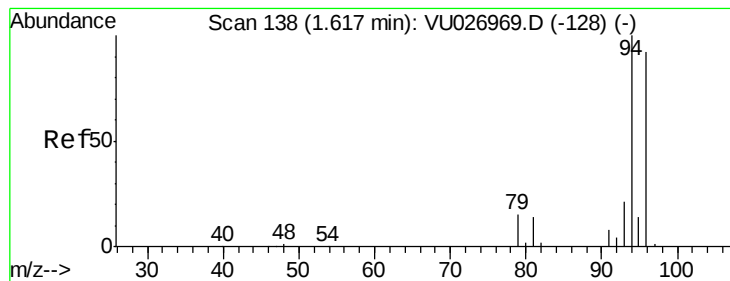
64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027213.D (-1) (-)





#5

Bromomethane

Concen: 16.022 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

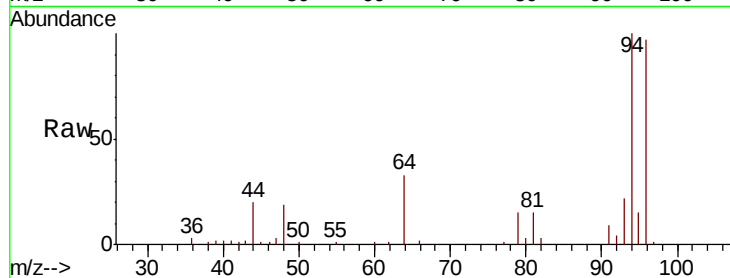
CMT-22-6-SEP18MSD

Tgt Ion: 94 Resp: 14992

Ion Ratio Lower Upper

94 100

96 96.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

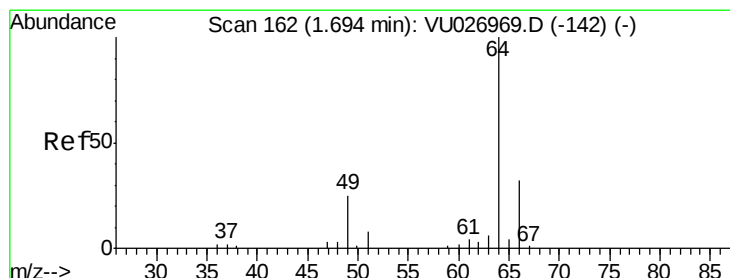
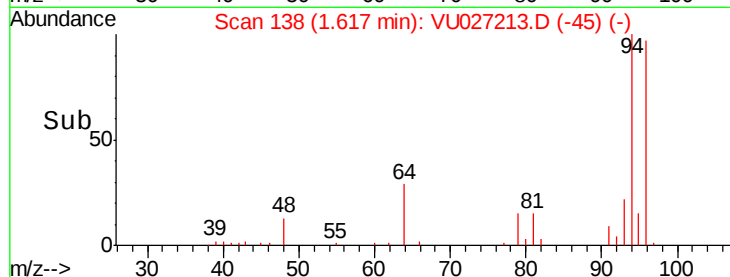
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 47.041 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027213.D

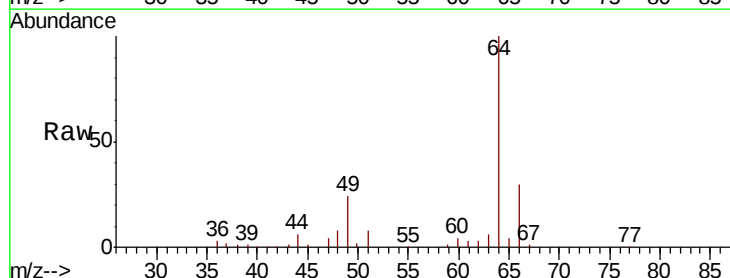
Acq: 27 Sep 2018 05:50

Tgt Ion: 64 Resp: 49389

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

40000

30000

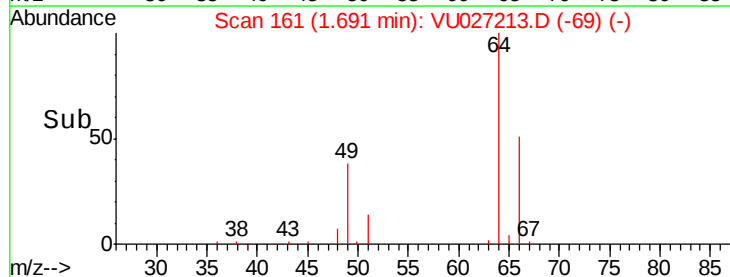
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10000

0

Time-->

1.65 1.70 1.75 1.80



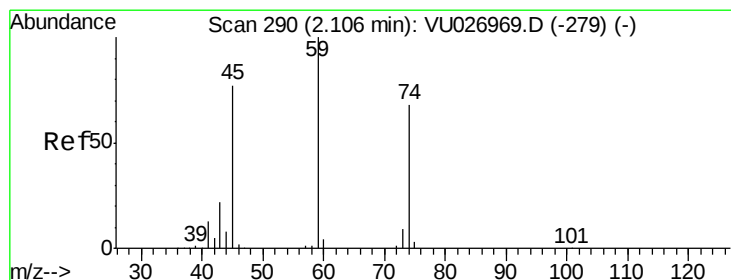
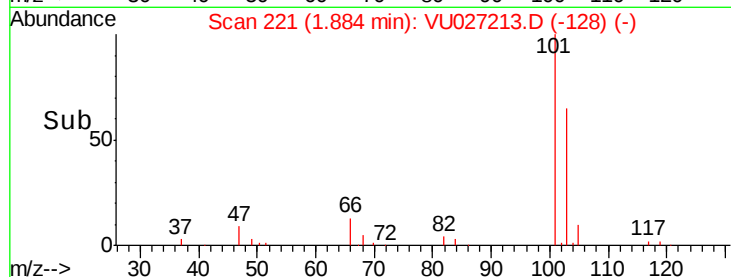
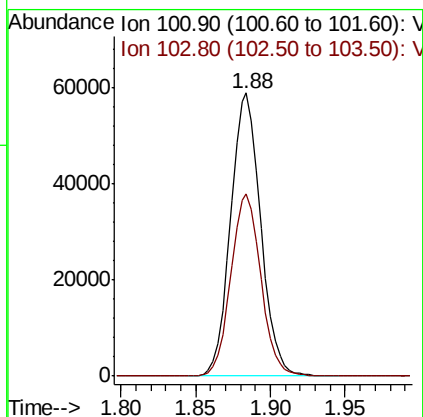
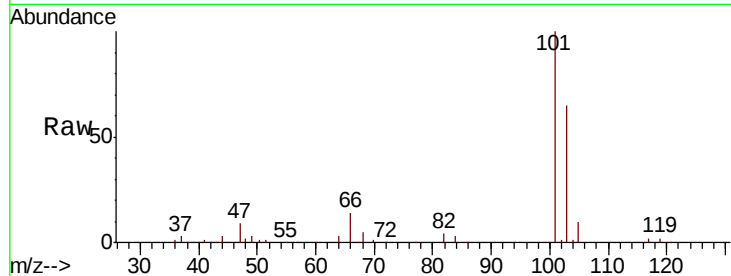


#7

Trichlorofluoromethane
 Concen: 44.280 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

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 CMT-22-6-SEP18MSD

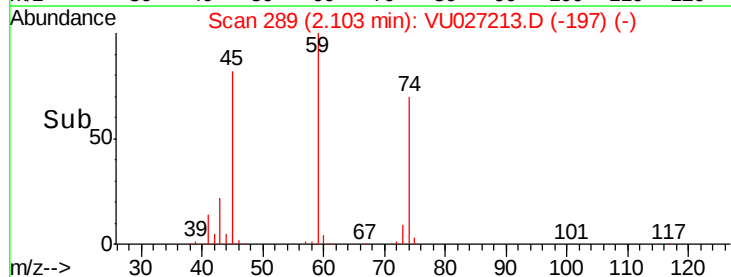
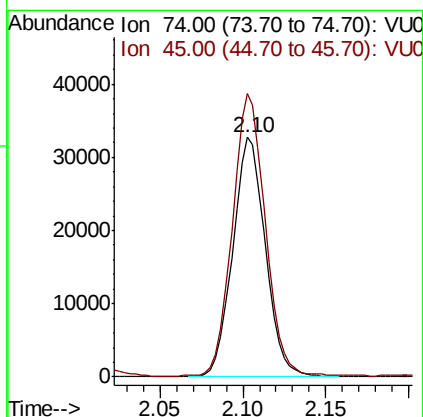
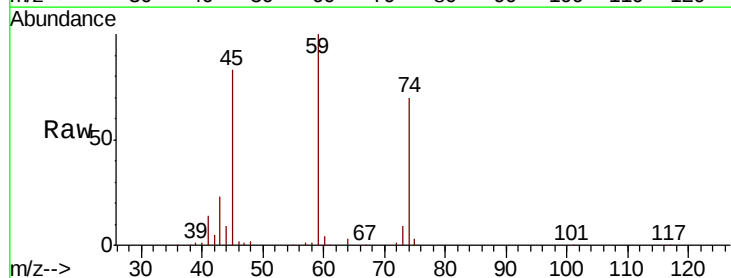
Tgt Ion:101 Resp: 82639
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2



#8

Diethyl Ether
 Concen: 49.712 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 74 Resp: 44656
 Ion Ratio Lower Upper
 74 100
 45 118.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.982 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

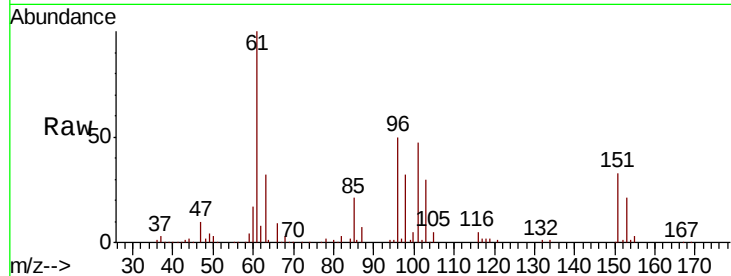
Tgt Ion:101 Resp: 49323

Ion Ratio Lower Upper

101 100

85 45.5 36.2 54.2

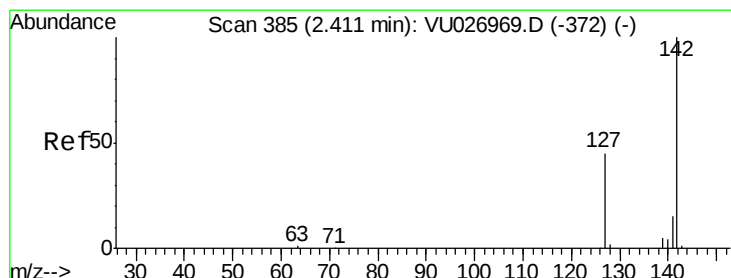
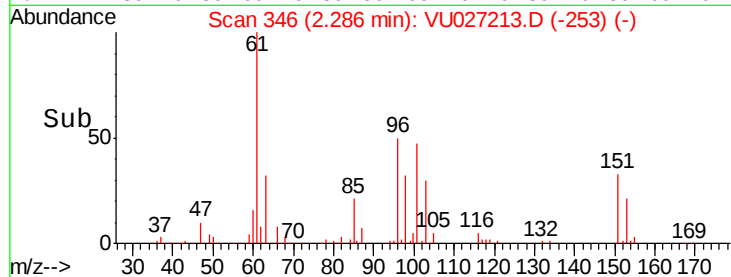
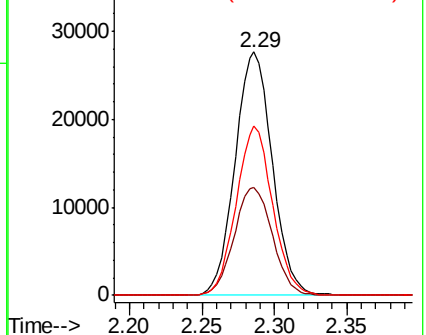
151 67.8 54.5 81.7



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: 9.340 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

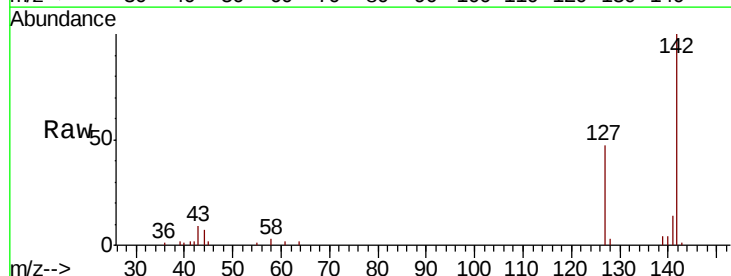
Tgt Ion:142 Resp: 13293

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

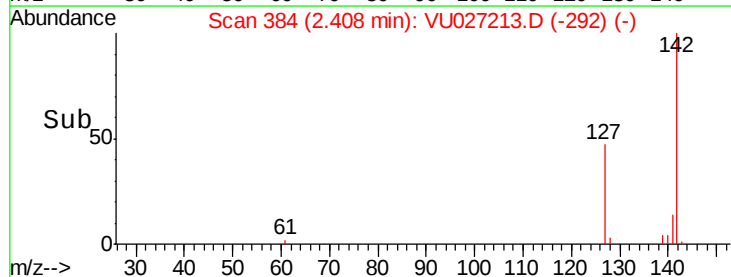
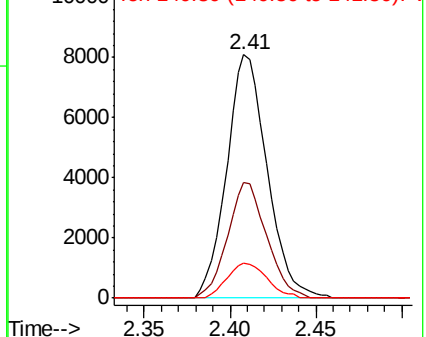
141 14.0 11.8 17.6

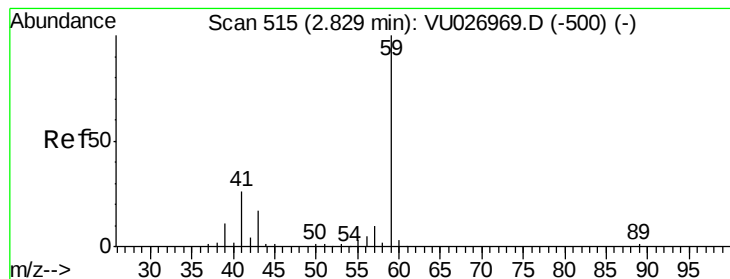


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



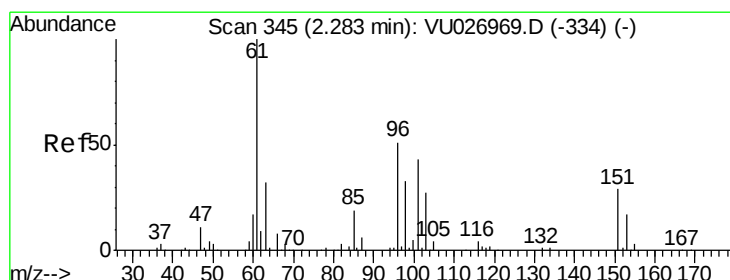
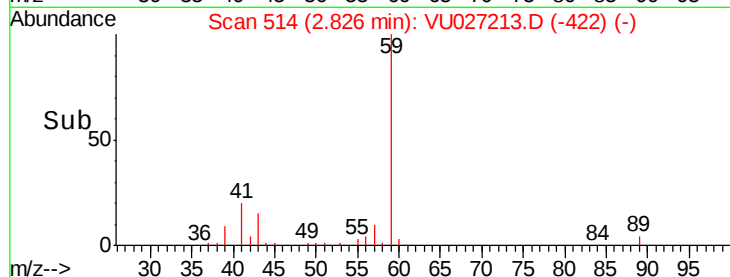
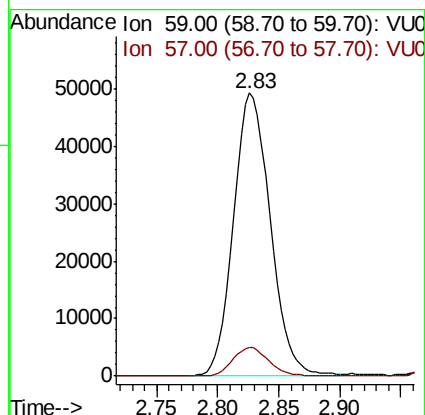
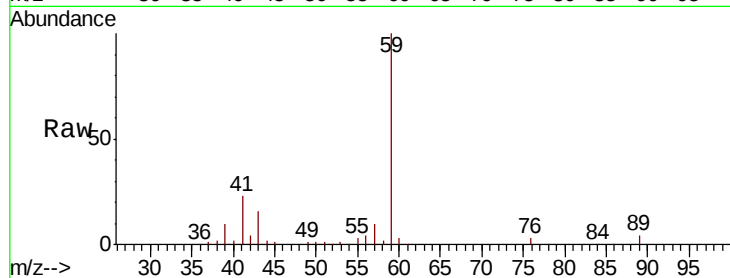


#11

Tert butyl alcohol
 Concen: 286.497 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

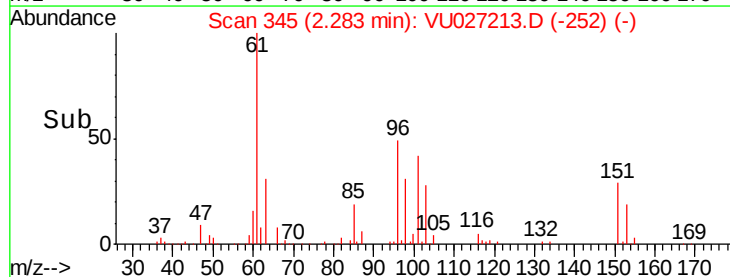
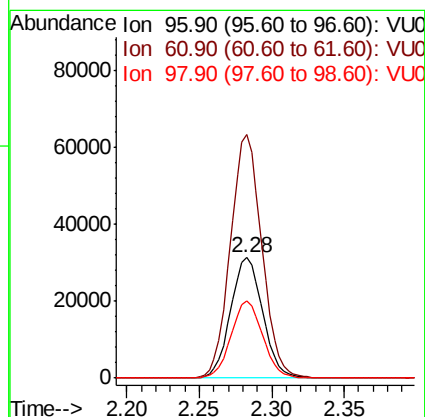
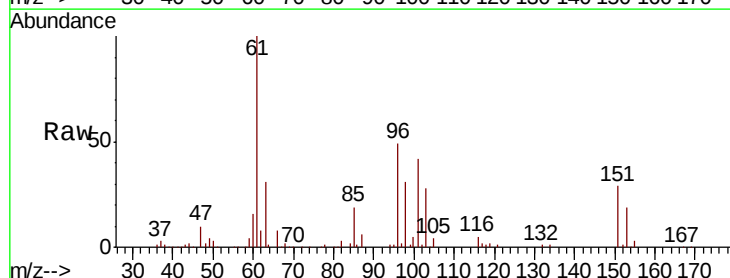
Tgt Ion: 59 Resp: 103355
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

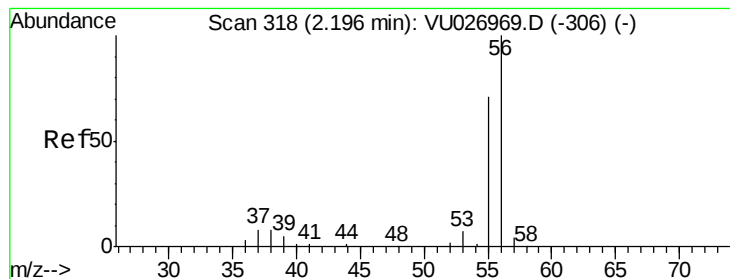


#12

1,1-Dichloroethene
 Concen: 44.469 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 96 Resp: 48030
 Ion Ratio Lower Upper
 96 100
 61 202.1 156.1 234.1
 98 63.7 51.4 77.0





#13

Acrolein

Concen: 174.993 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

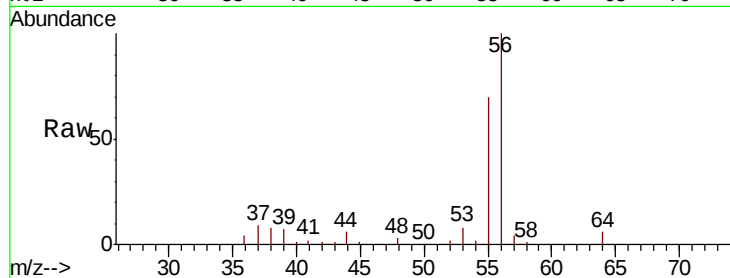
CMT-22-6-SEP18MSD

Tgt Ion: 56 Resp: 34031

Ion Ratio Lower Upper

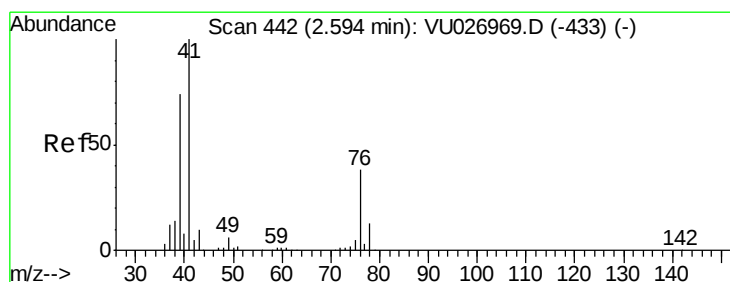
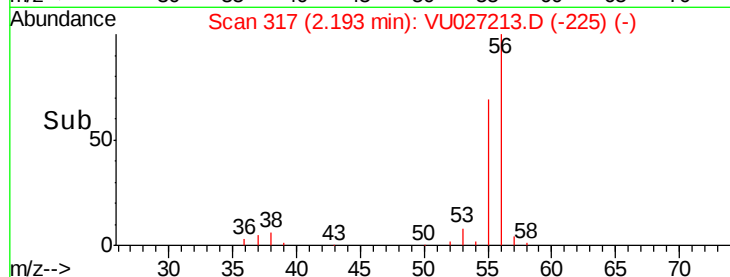
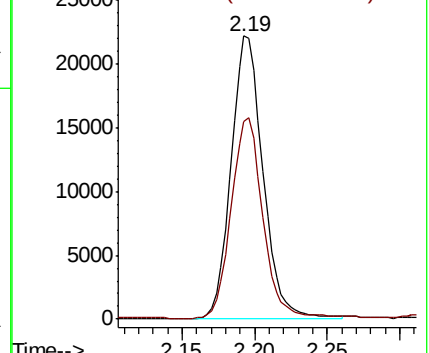
56 100

55 70.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 50.744 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

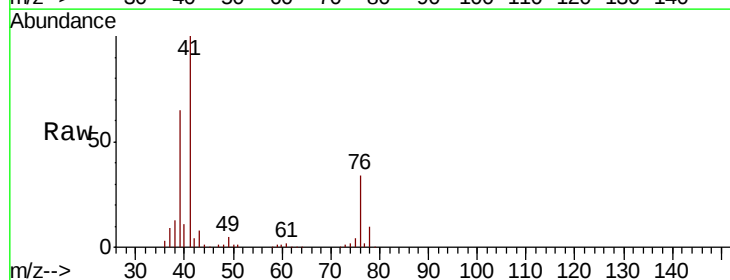
Tgt Ion: 41 Resp: 111161

Ion Ratio Lower Upper

41 100

39 66.9 55.7 83.5

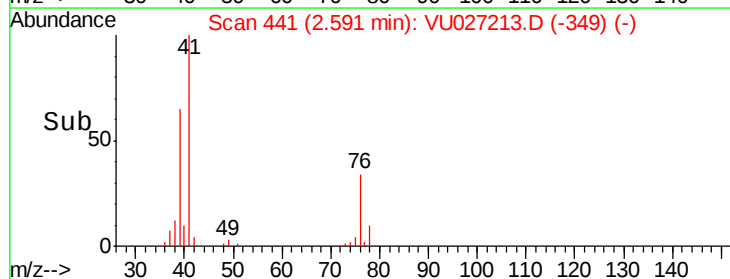
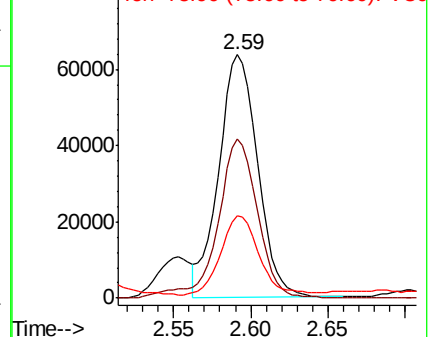
76 31.8 26.5 39.7

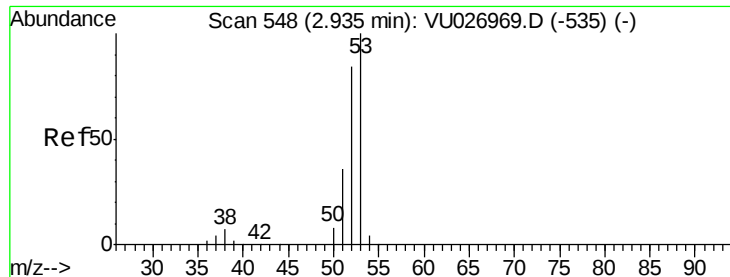


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 283.109 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

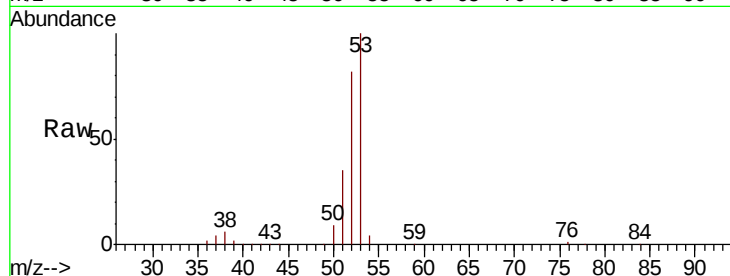
Tgt Ion: 53 Resp: 257414

Ion Ratio Lower Upper

53 100

52 82.3 65.7 98.5

51 35.6 27.4 41.2

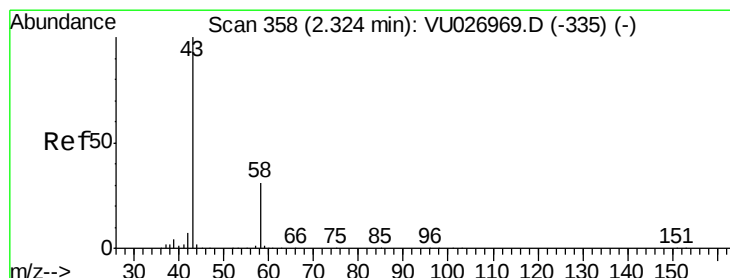
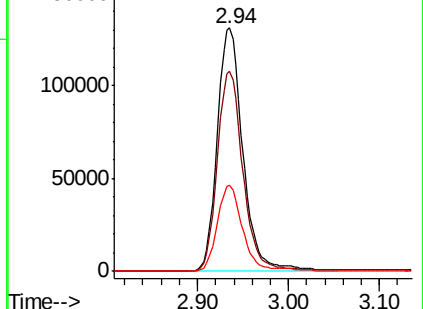
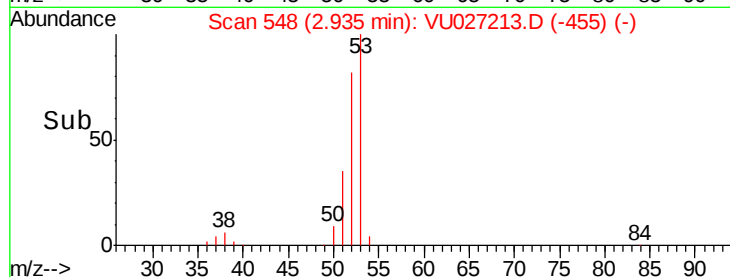


Abundance Ion 53.00 (52.70 to 53.70): VU027213.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027213.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027213.D (-535) (-)

Time-->



#16

Acetone

Concen: 275.237 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027213.D

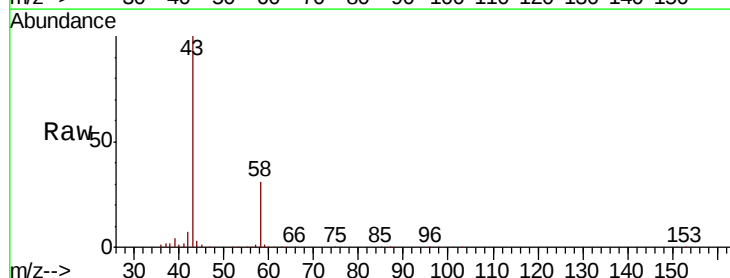
Acq: 27 Sep 2018 05:50

Tgt Ion: 43 Resp: 228713

Ion Ratio Lower Upper

43 100

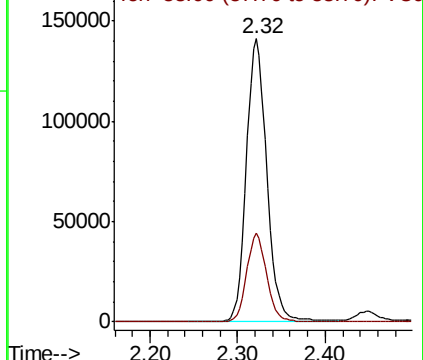
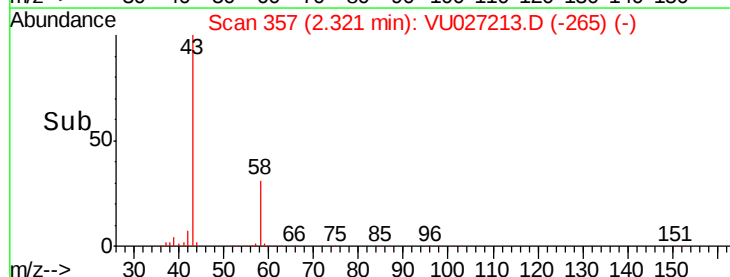
58 31.2 24.6 36.8

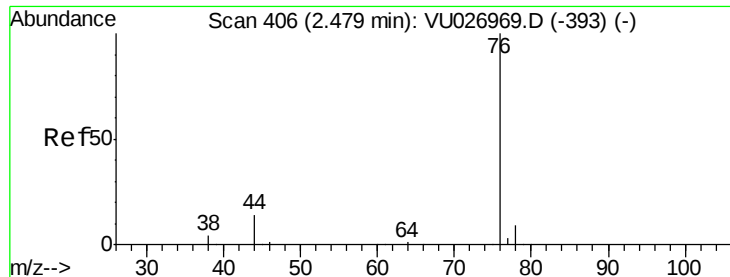


Abundance Ion 43.00 (42.70 to 43.70): VU027213.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027213.D (-265) (-)

Time-->

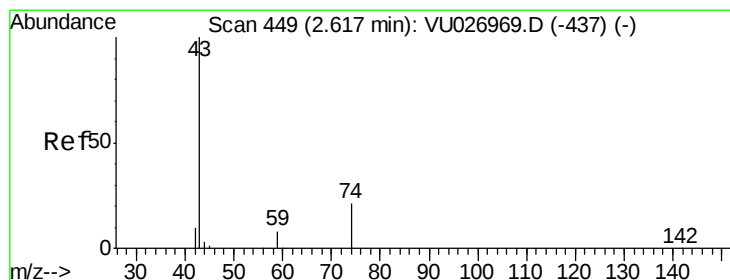
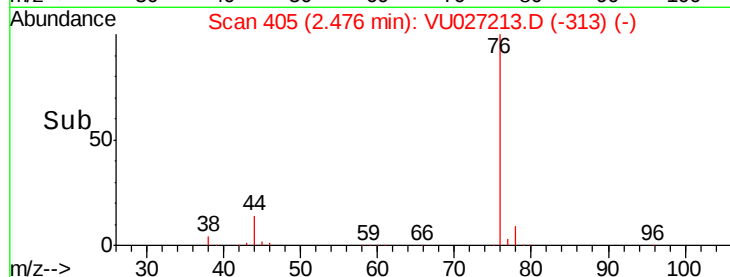
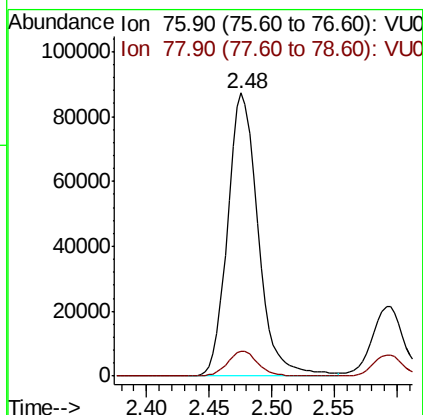
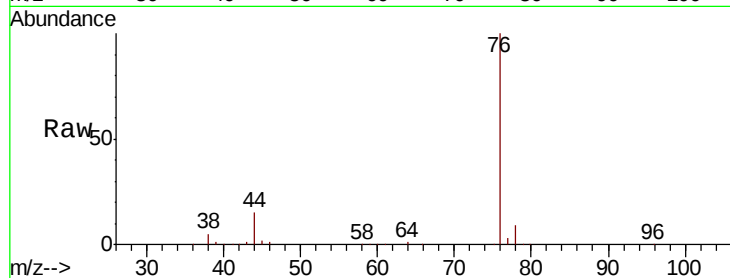




#17
Carbon Disulfide
Concen: 42.003 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

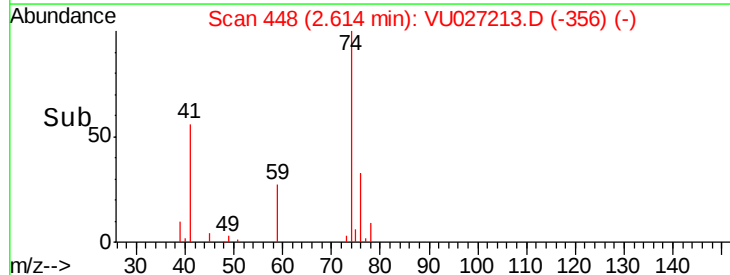
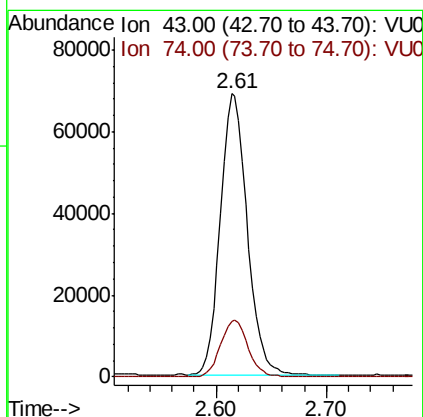
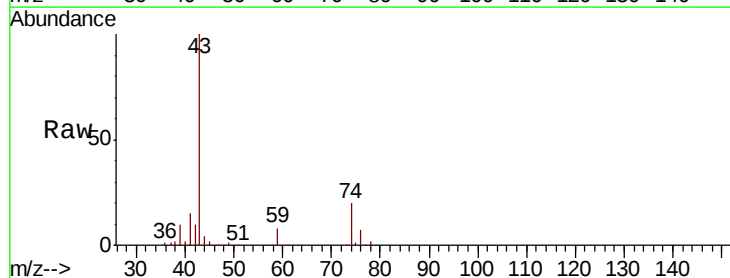
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

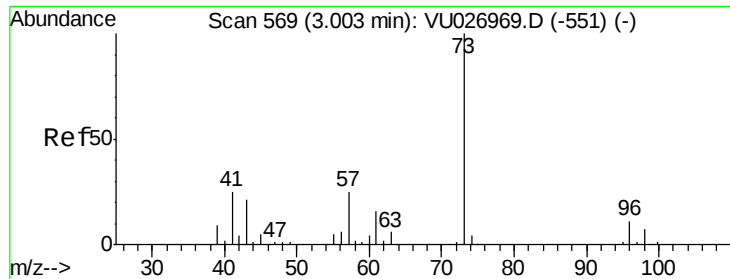
Tgt Ion: 76 Resp: 147788
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 52.022 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 43 Resp: 116540
Ion Ratio Lower Upper
43 100
74 20.5 16.6 25.0

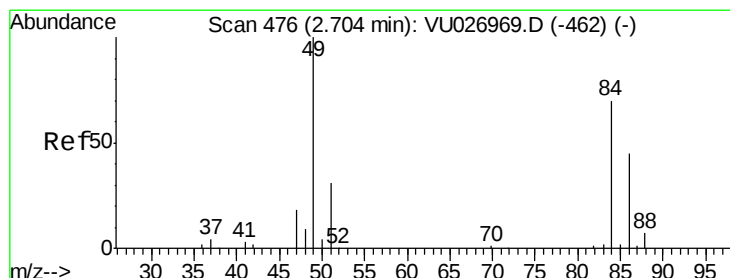
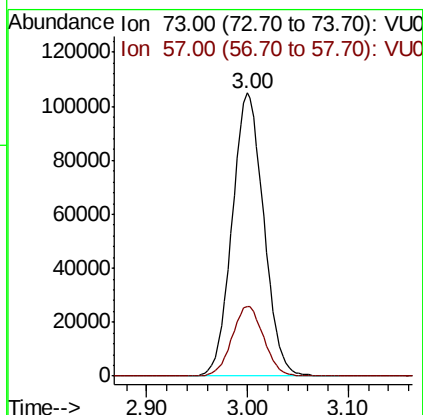
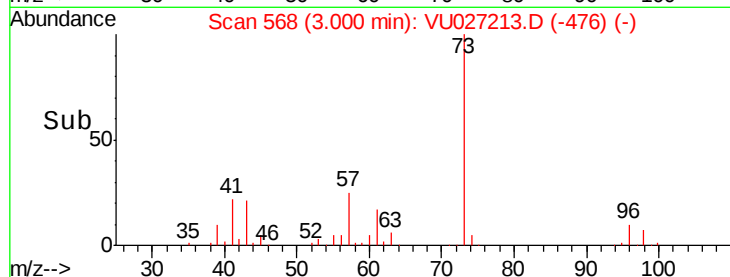
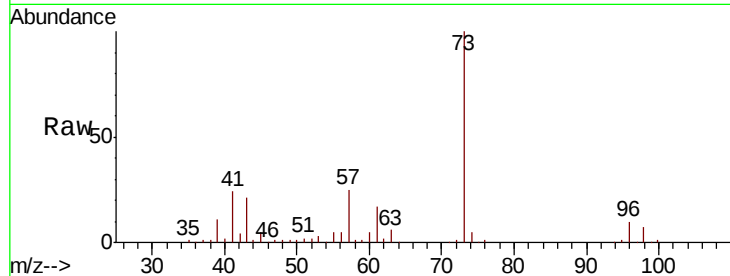




#19
Methyl tert-butyl Ether
Concen: 57.440 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

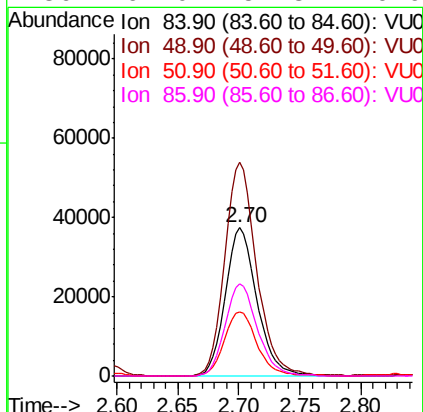
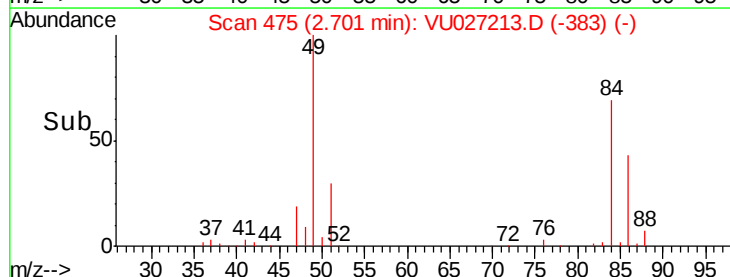
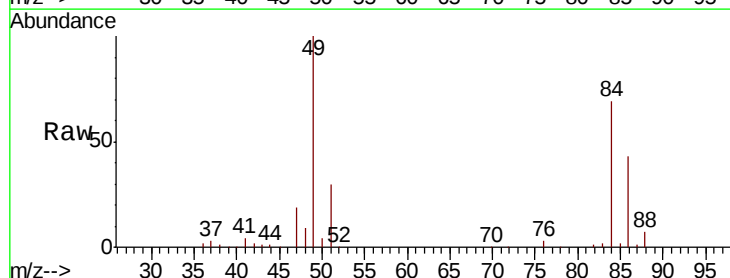
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

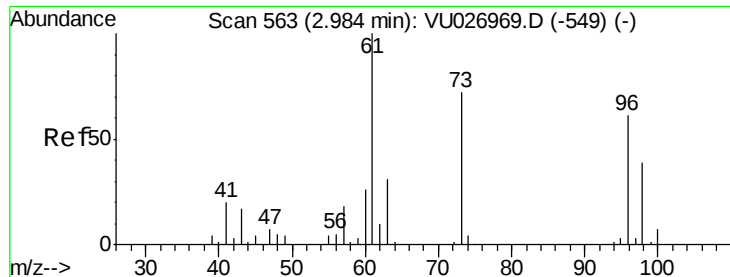
Tgt Ion: 73 Resp: 227981
Ion Ratio Lower Upper
73 100
57 24.8 19.8 29.6



#20
Methylene Chloride
Concen: 48.345 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 84 Resp: 68146
Ion Ratio Lower Upper
84 100
49 144.4 114.9 172.3
51 43.7 35.8 53.8
86 62.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.337 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

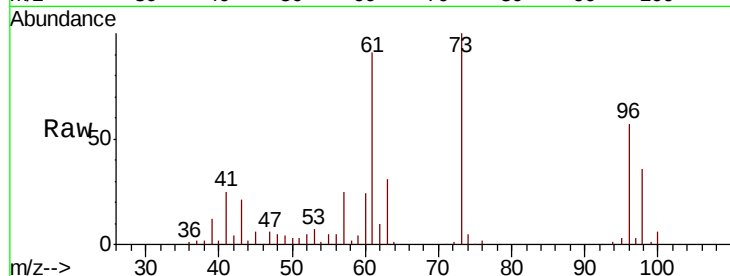
Tgt Ion: 96 Resp: 55740

Ion Ratio Lower Upper

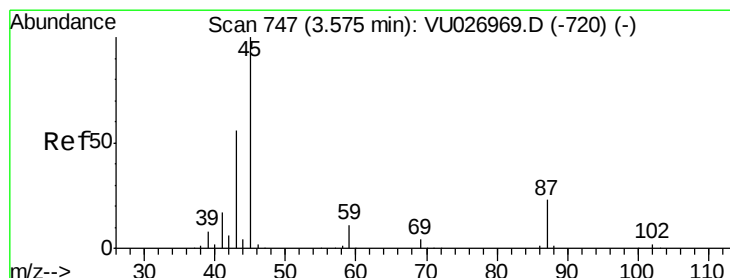
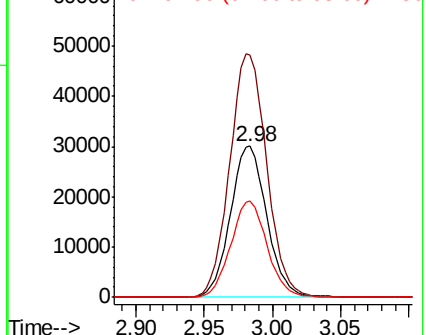
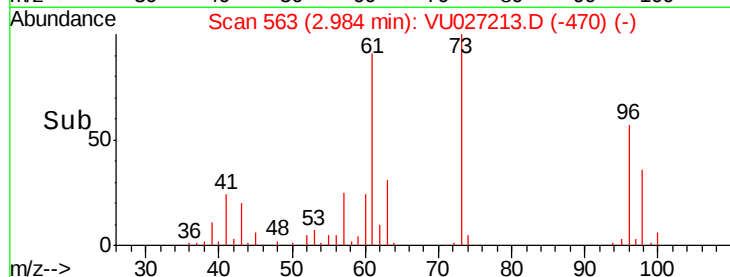
96 100

61 160.7 131.8 197.6

98 63.6 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027213.D (-470) (-)



#22

Diisopropyl ether

Concen: 57.640 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion: 45 Resp: 270077

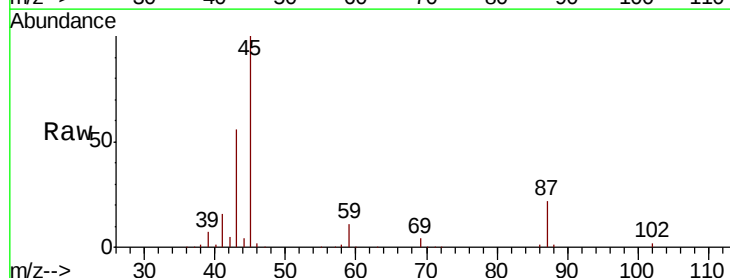
Ion Ratio Lower Upper

45 100

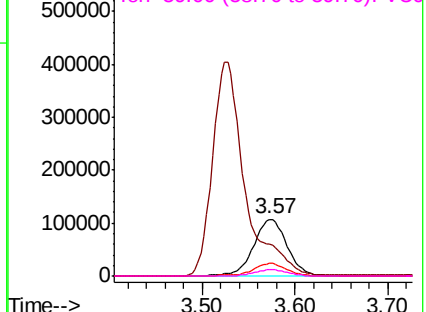
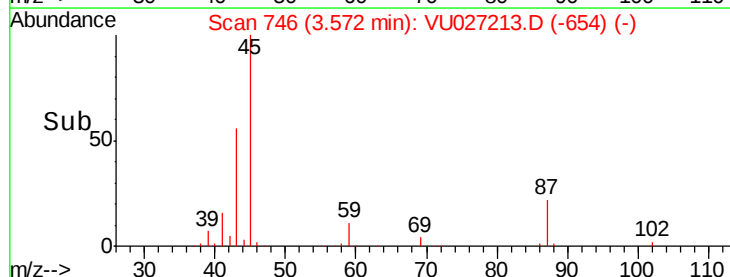
43 53.9 45.8 68.6

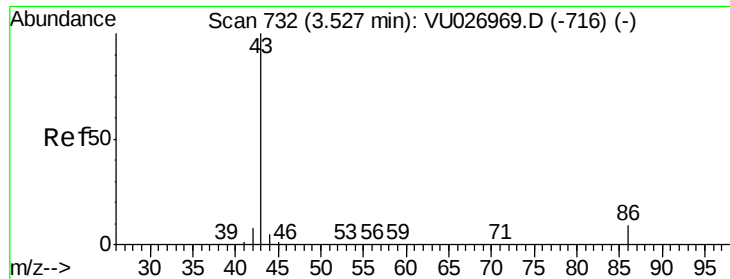
87 22.2 18.6 28.0

59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027213.D (-654) (-)





#23

Vinyl Acetate

Concen: 246.713 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

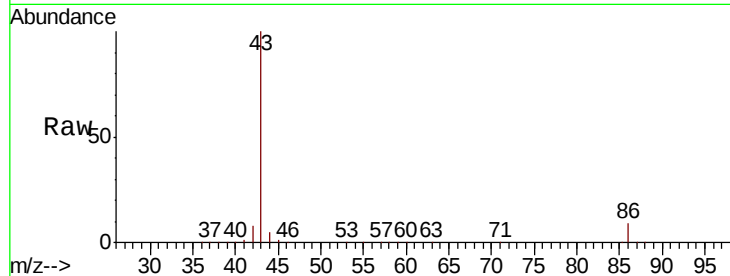
CMT-22-6-SEP18MSD

Tgt Ion: 43 Resp: 985395

Ion Ratio Lower Upper

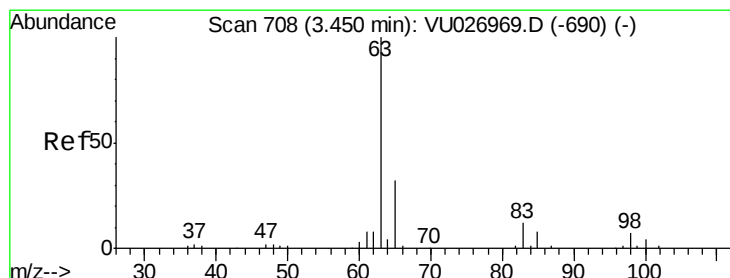
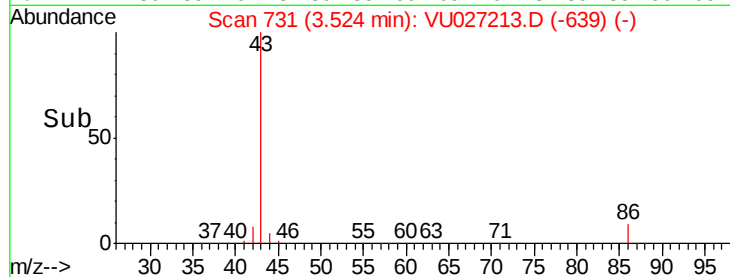
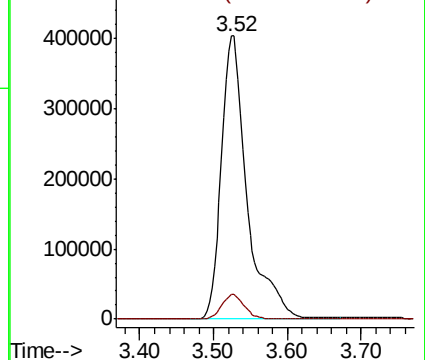
43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 52.247 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

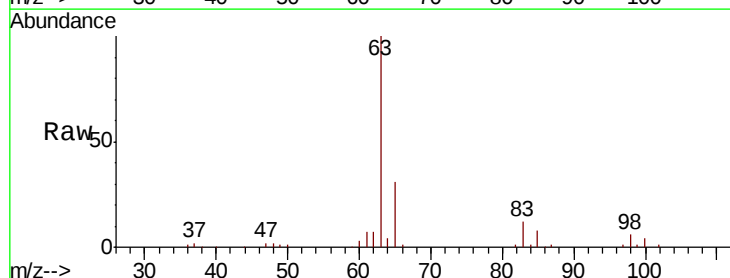
Tgt Ion: 63 Resp: 134830

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

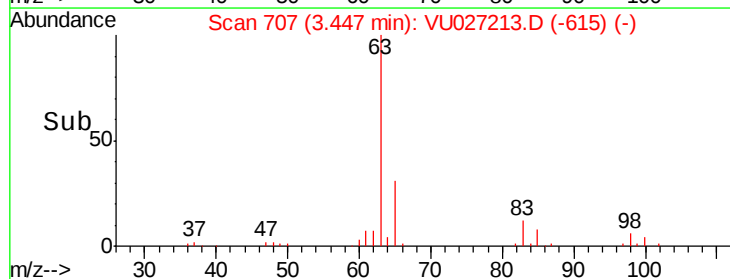
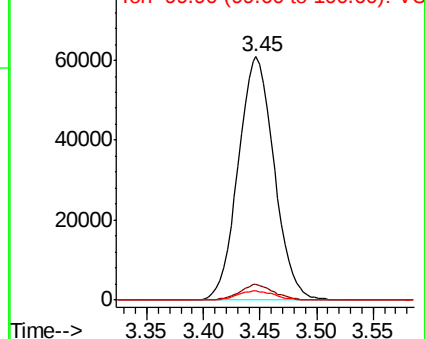
100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 273.921 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

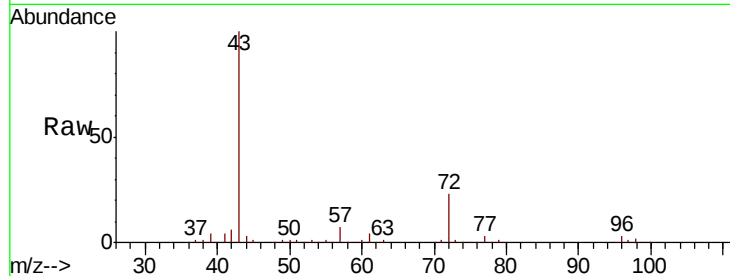
CMT-22-6-SEP18MSD

Tgt Ion: 43 Resp: 362317

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

150000

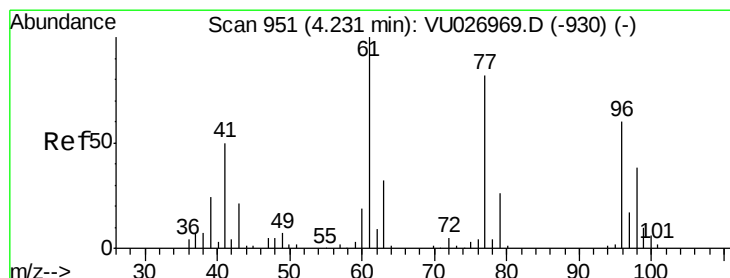
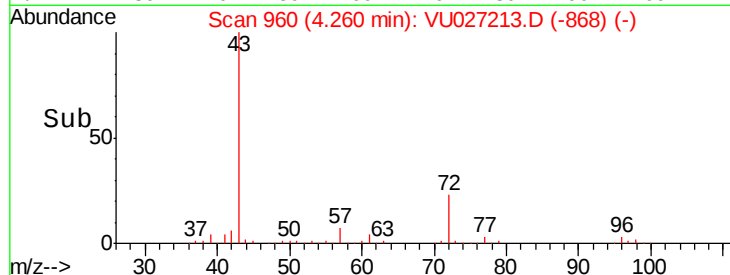
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 27.244 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027213.D

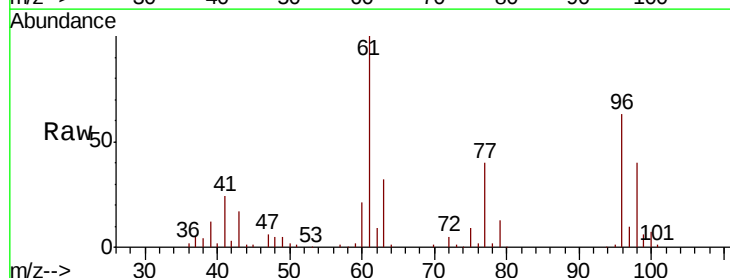
Acq: 27 Sep 2018 05:50

Tgt Ion: 77 Resp: 54831

Ion Ratio Lower Upper

77 100

97 23.5 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

20000

15000

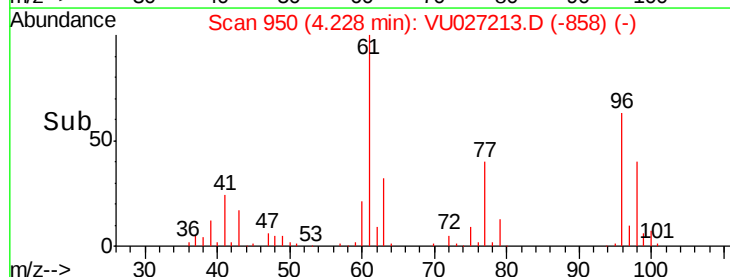
10000

5000

0

4.10 4.20 4.30

Time-->

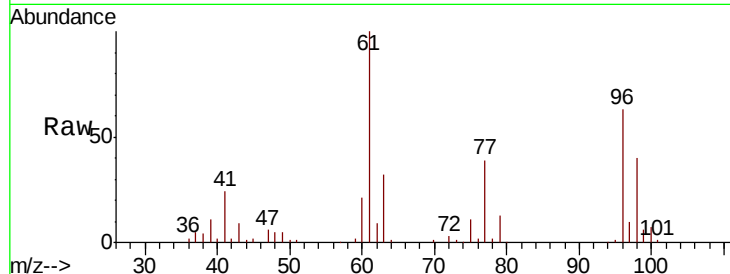




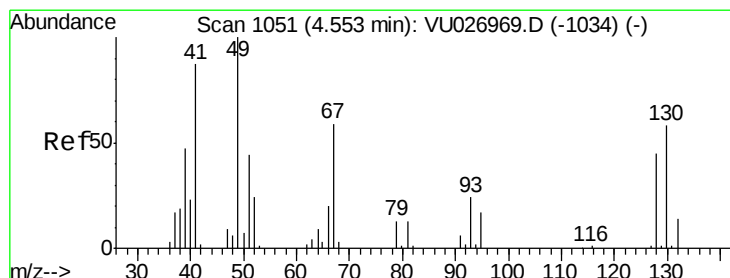
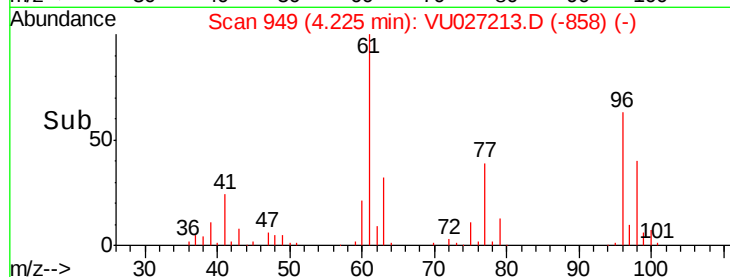
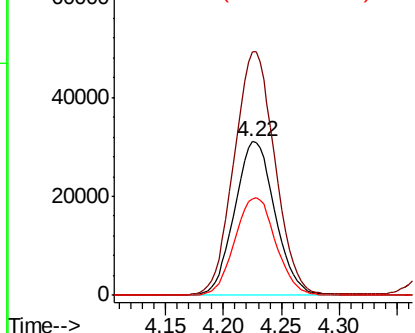
#27
 cis-1,2-Dichloroethene
 Concen: 57.833 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion: 96 Resp: 75316
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 337.2
 98 64.5 0.0 127.6

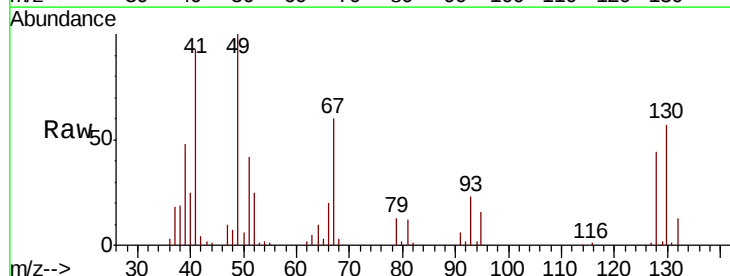


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

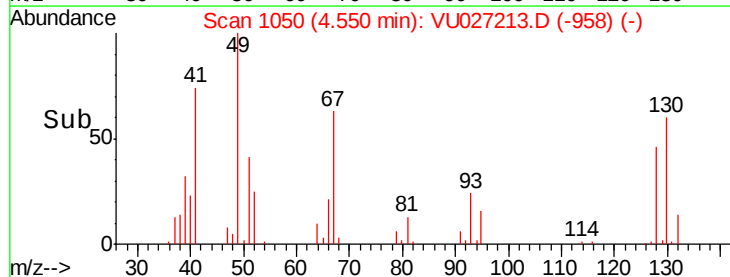
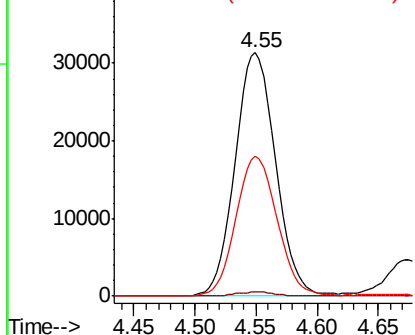


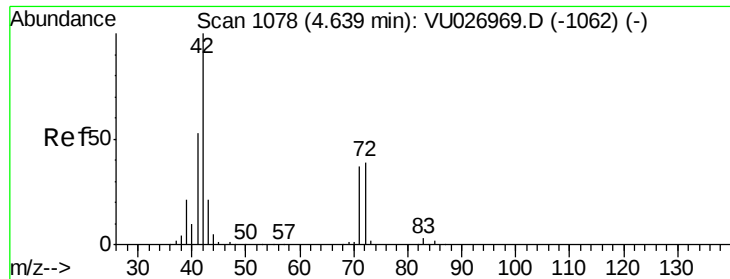
#28
 Bromochloromethane
 Concen: 58.137 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 49 Resp: 72322
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 58.2 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

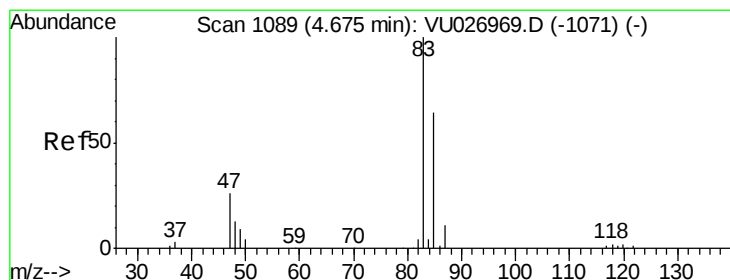
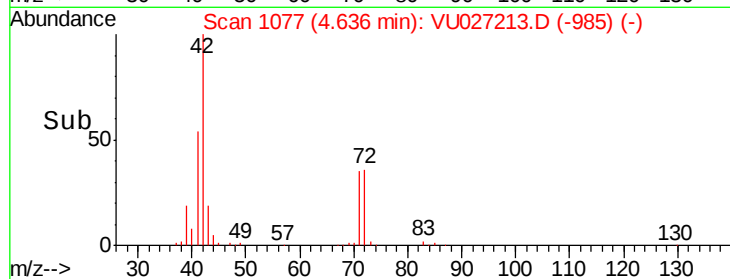
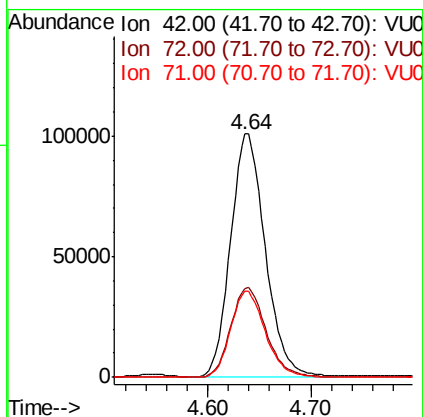
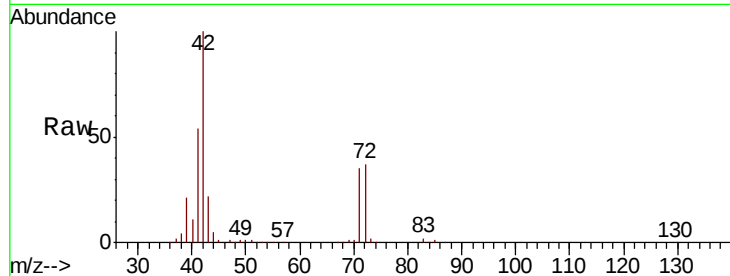




#29
Tetrahydrofuran
Concen: 294.663 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

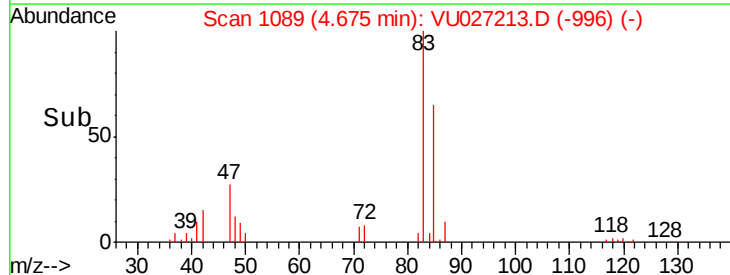
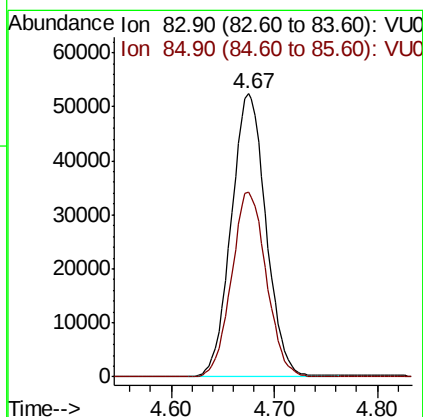
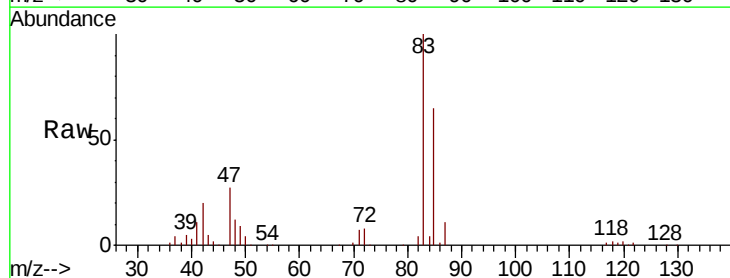
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

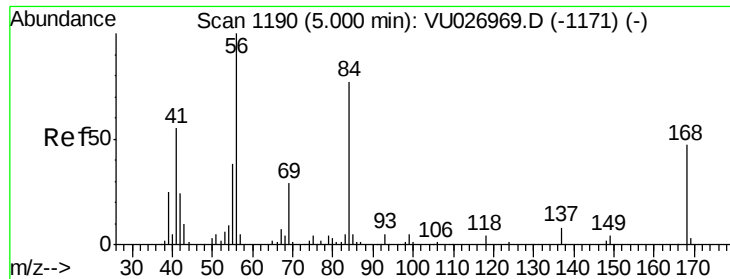
Tgt Ion: 42 Resp: 235774
Ion Ratio Lower Upper
42 100
72 37.8 31.7 47.5
71 35.6 29.6 44.4



#30
Chloroform
Concen: 51.364 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 83 Resp: 123039
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3

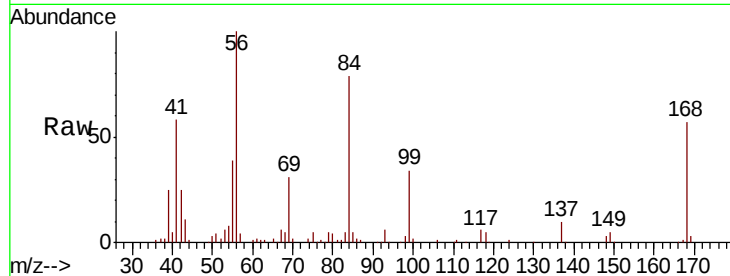




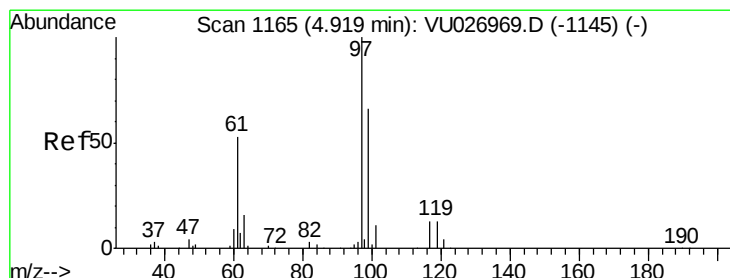
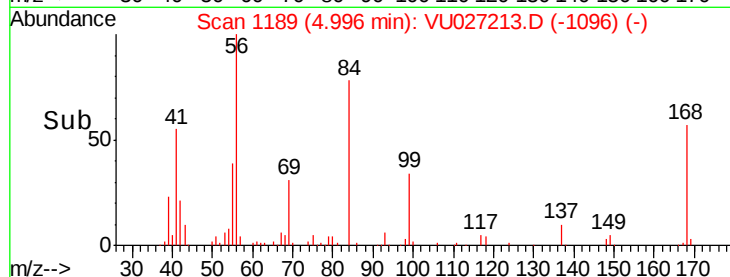
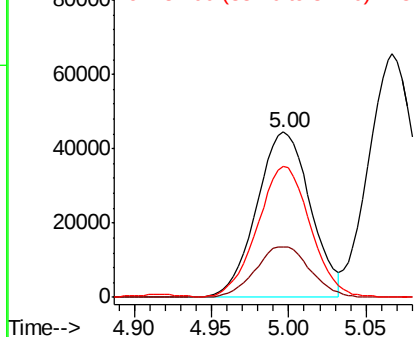
#31
Cyclohexane
Concen: 45.929 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion: 56 Resp: 107853
Ion Ratio Lower Upper
56 100
69 30.6 23.0 34.4
84 78.5 61.4 92.2

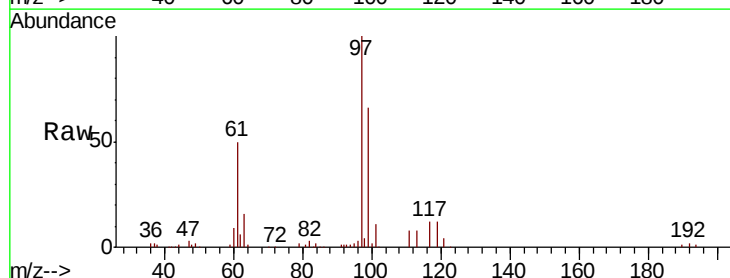


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

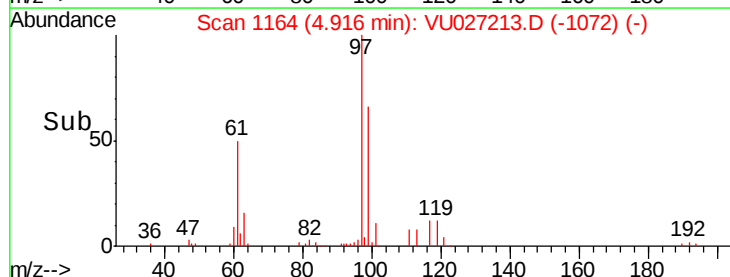
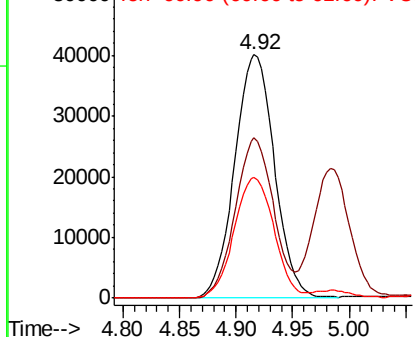


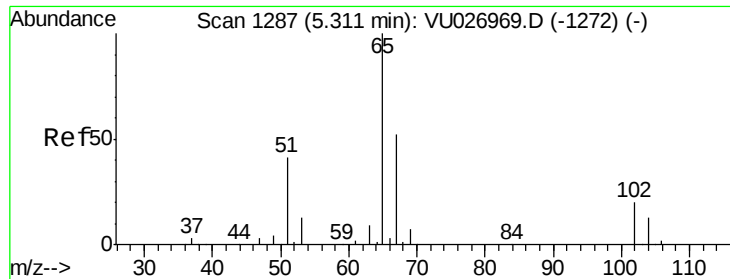
#32
1,1,1-Trichloroethane
Concen: 51.379 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 97 Resp: 98266
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 50.0 41.1 61.7



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

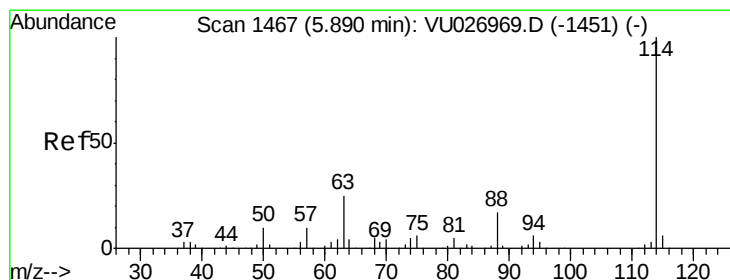
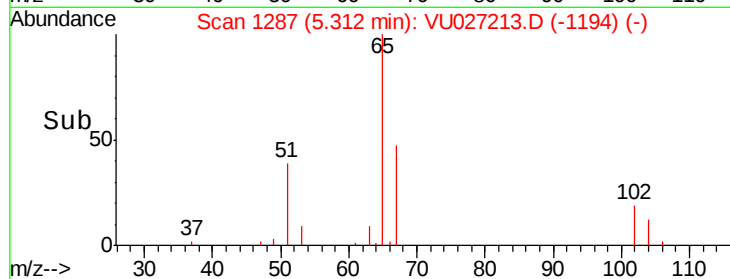
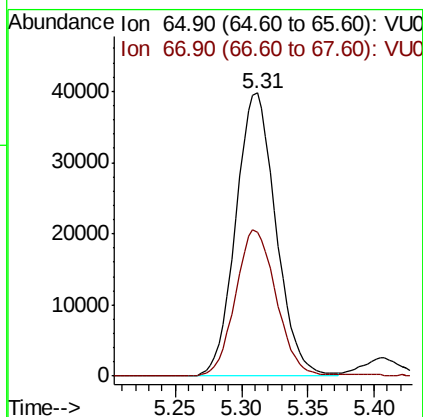
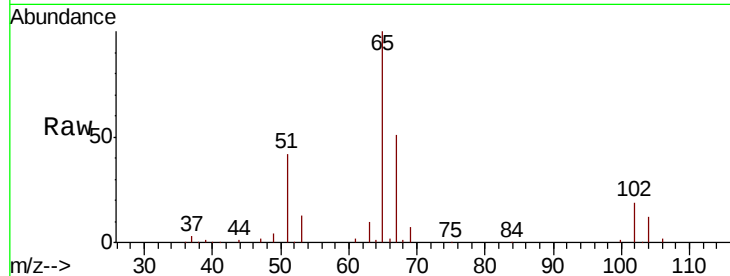




#33
 1,2-Dichloroethane-d4
 Concen: 53.067 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

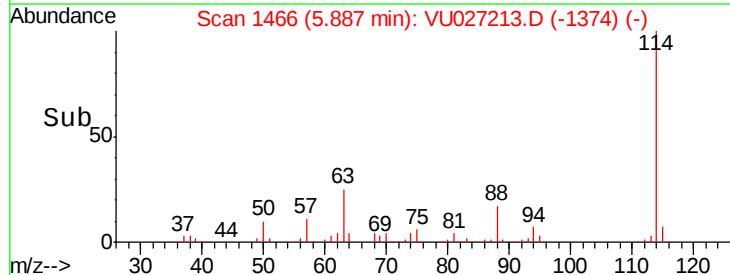
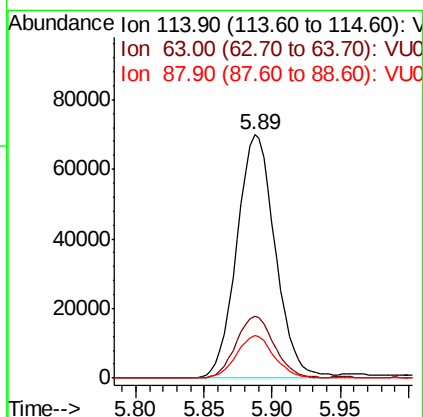
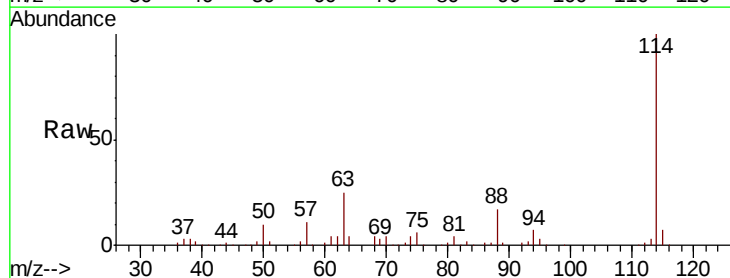
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion: 65 Resp: 83523
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 114 Resp: 137207
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.5 0.0 33.8

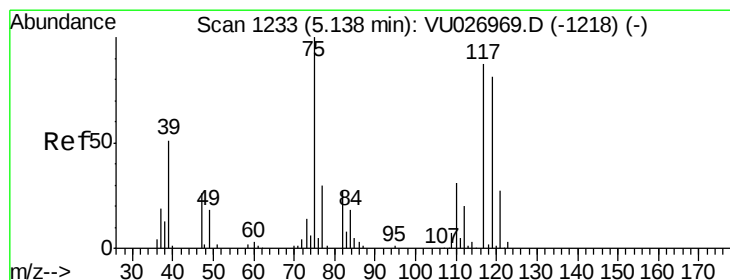
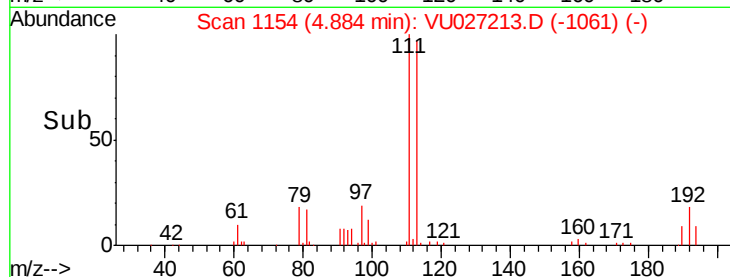
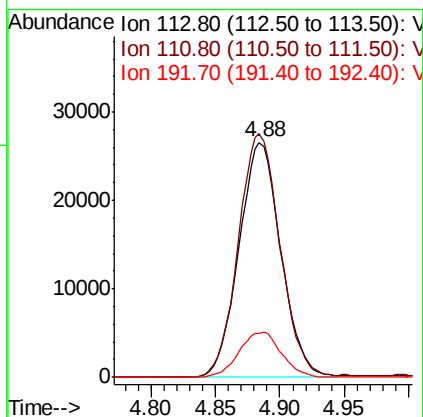
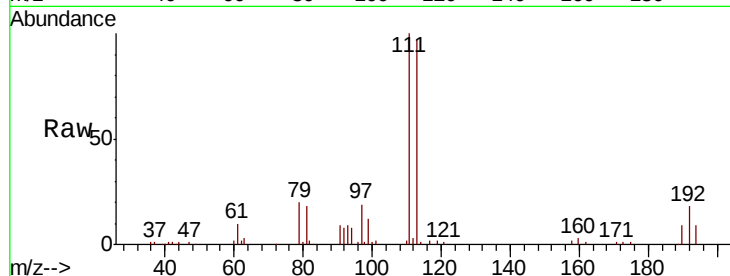




#35
 Dibromofluoromethane
 Concen: 50.464 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

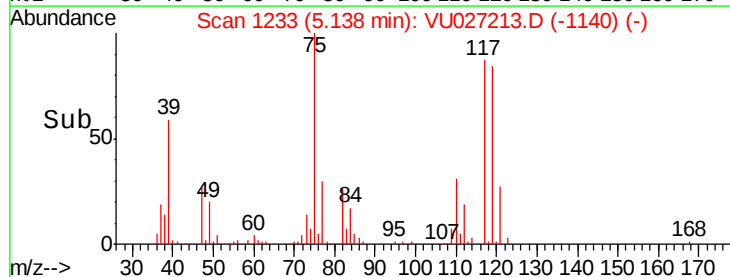
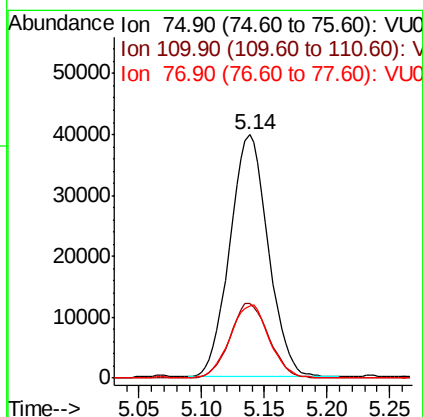
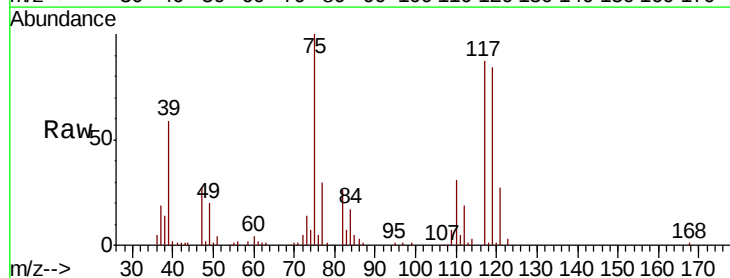
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

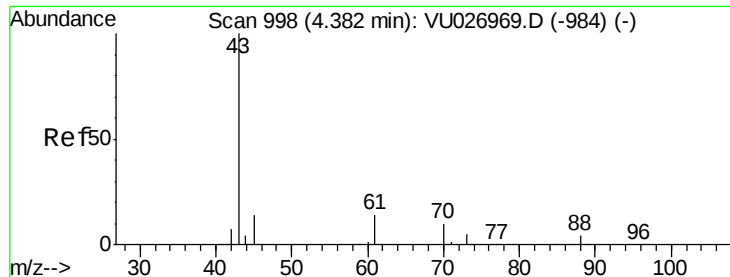
Tgt Ion:113 Resp: 60017
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 19.3 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 46.245 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 75 Resp: 84683
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.1 48.2
 77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 45.408 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

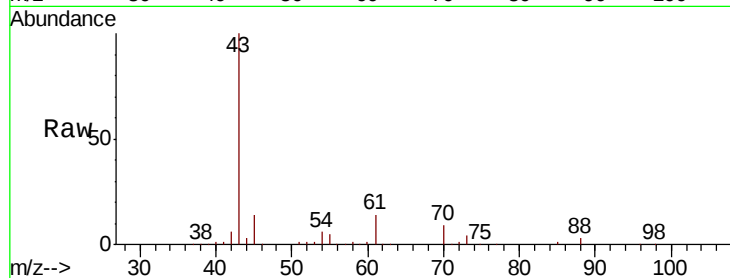
Tgt Ion: 43 Resp: 112564

Ion Ratio Lower Upper

43 100

61 13.1 10.5 15.7

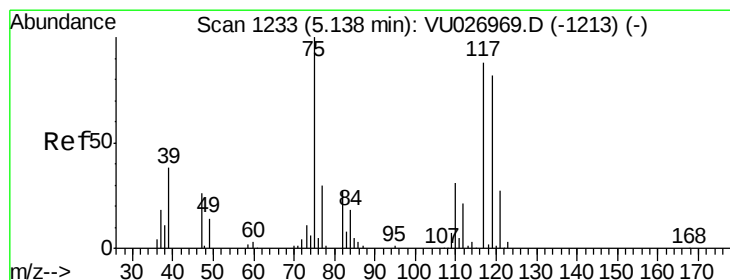
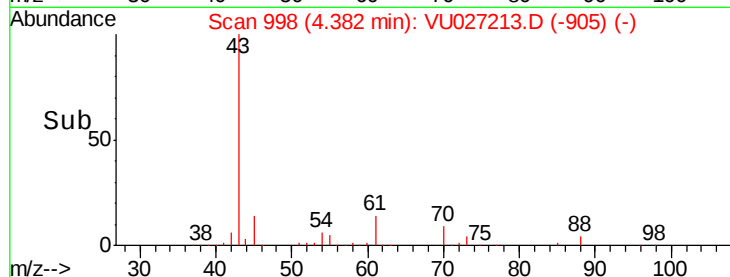
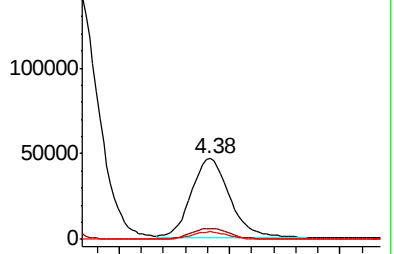
70 9.1 7.4 11.0



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: 46.106 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

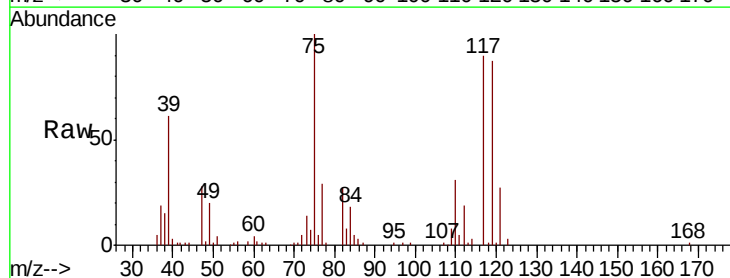
Tgt Ion: 117 Resp: 80345

Ion Ratio Lower Upper

117 100

119 96.8 74.4 111.6

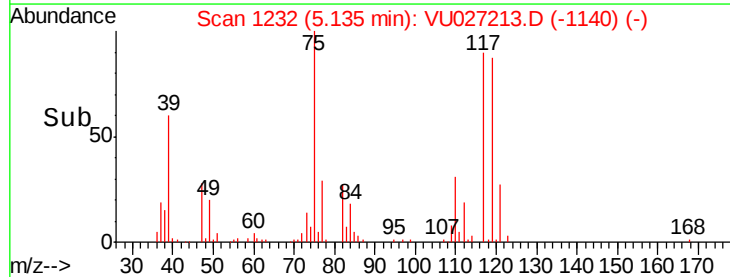
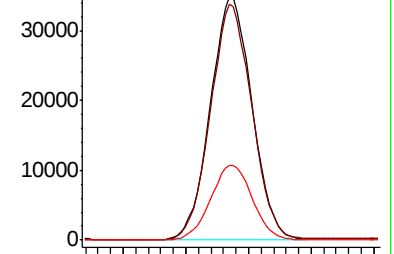
121 30.6 24.2 36.4



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) (-)

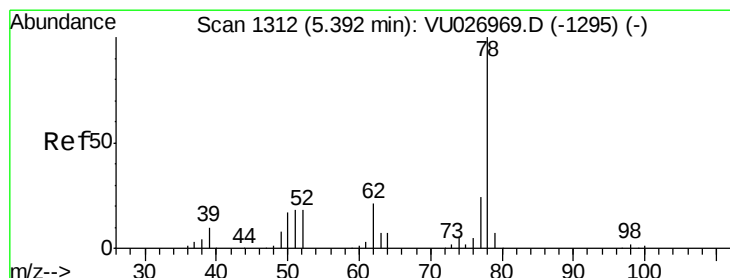
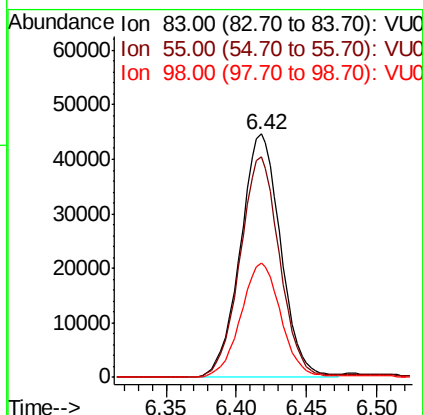
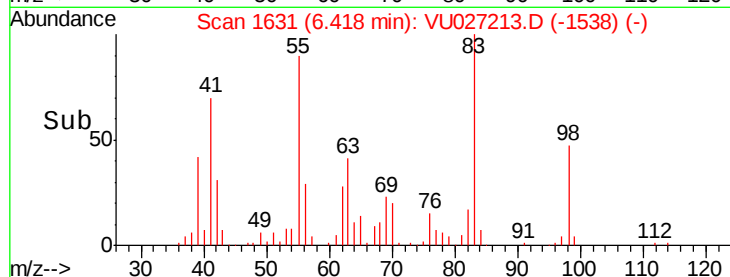
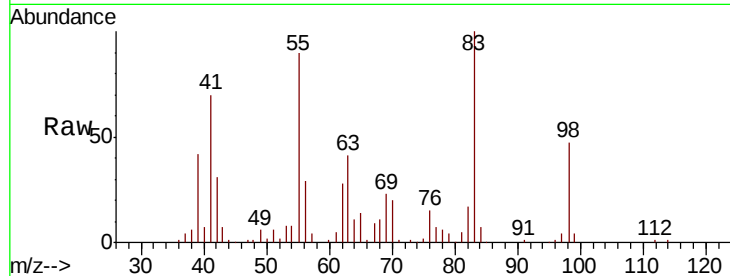




#39
Methylcyclohexane
Concen: 44.880 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

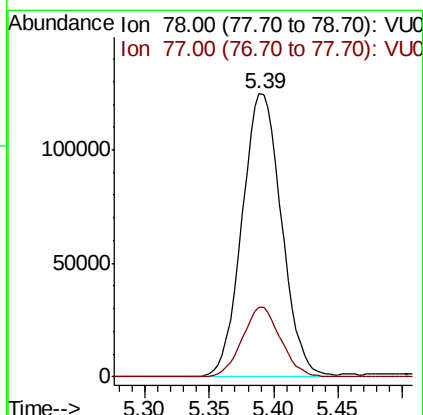
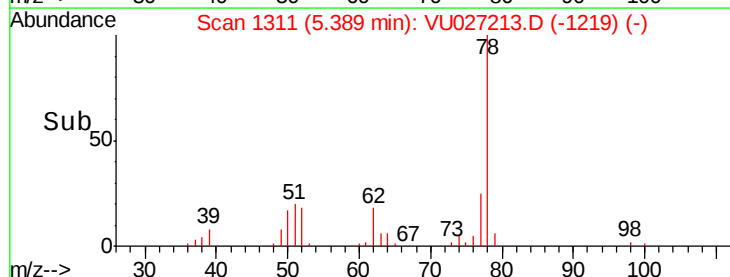
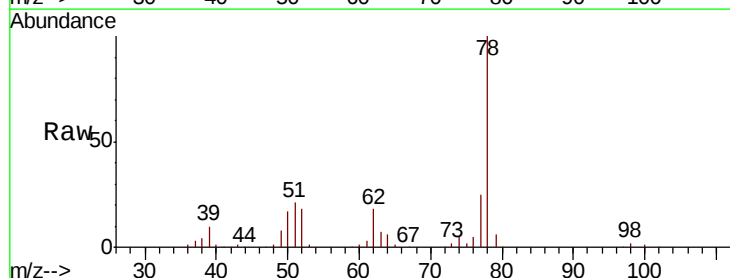
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion: 83 Resp: 89311
Ion Ratio Lower Upper
83 100
55 90.5 69.9 104.9
98 46.9 37.5 56.3



#40
Benzene
Concen: 47.873 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 78 Resp: 266495
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

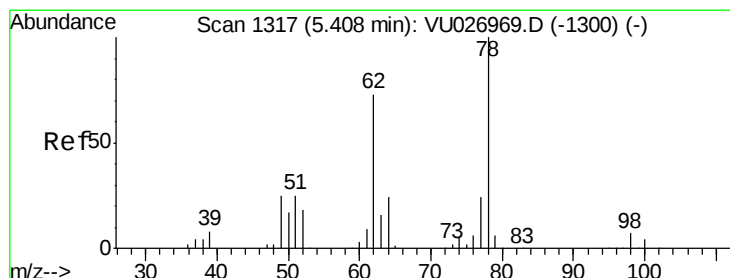
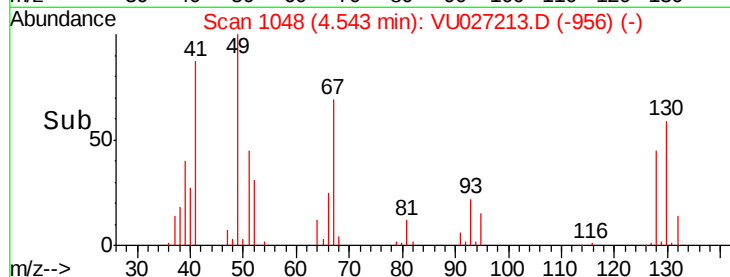
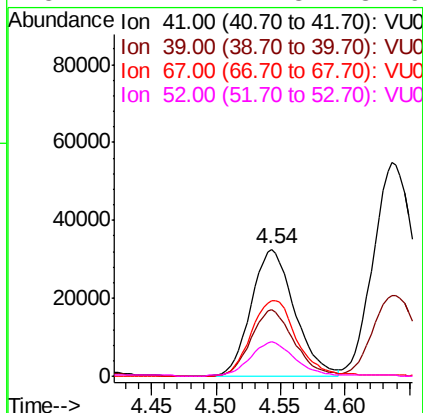
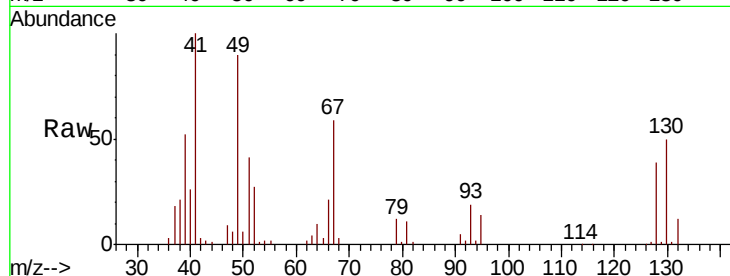




#41
Methacrylonitrile
Concen: 58.853 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

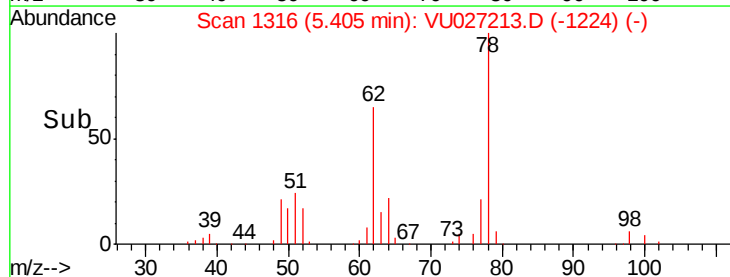
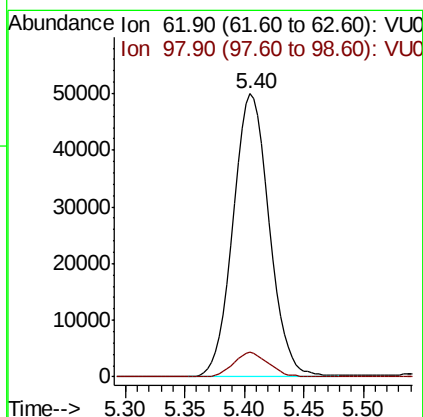
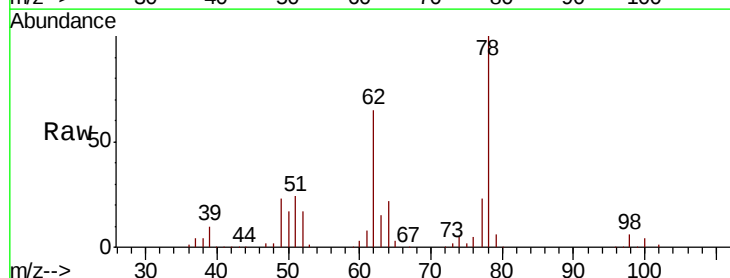
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion:	41	Resp:	75769
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.9	64.3
67	63.3	52.4	78.6
52	27.1	21.3	31.9



#42
1,2-Dichloroethane
Concen: 50.218 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:	62	Resp:	105619
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





#43

Isopropyl Acetate

Concen: 52.404 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

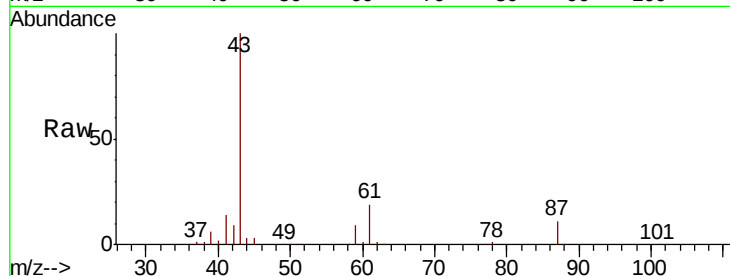
Tgt Ion: 43 Resp: 189451

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

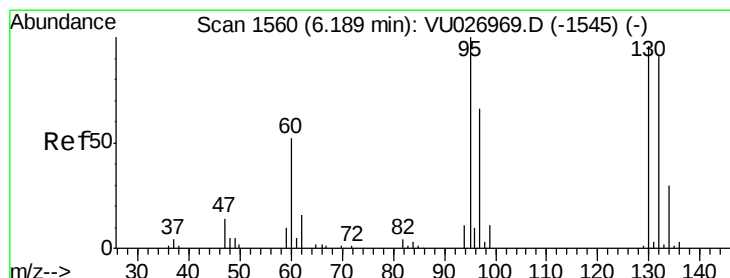
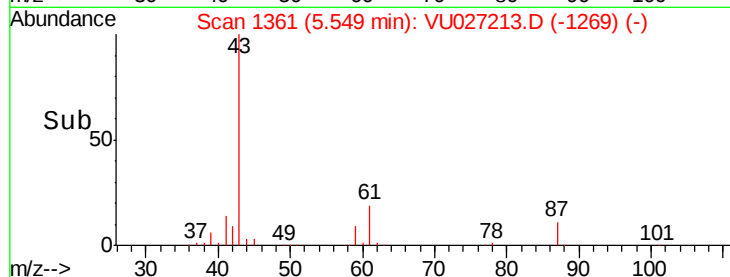
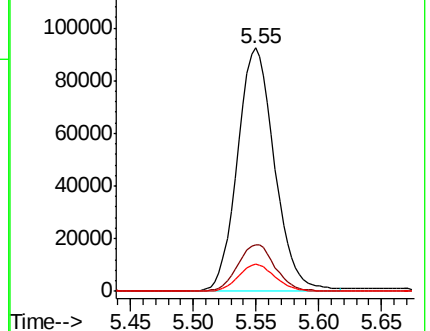
87 10.9 9.0 13.4



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: 52.137 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027213.D

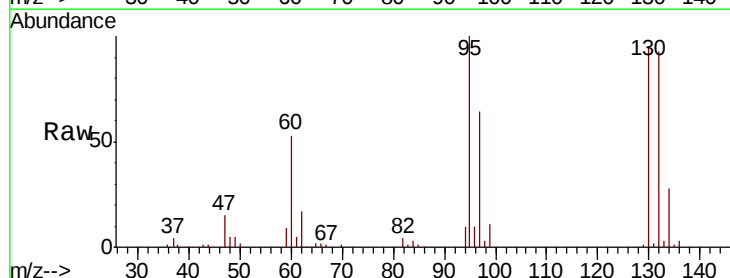
Acq: 27 Sep 2018 05:50

Tgt Ion: 130 Resp: 61788

Ion Ratio Lower Upper

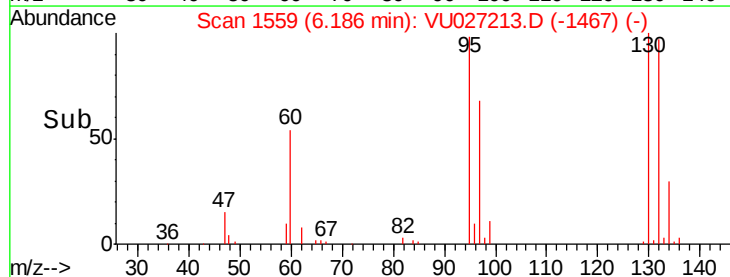
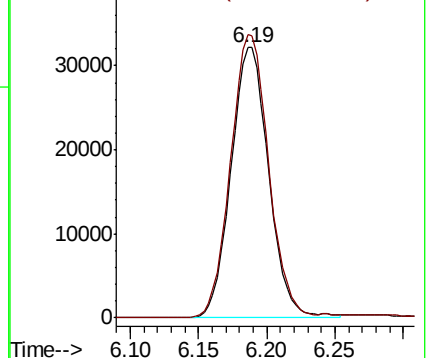
130 100

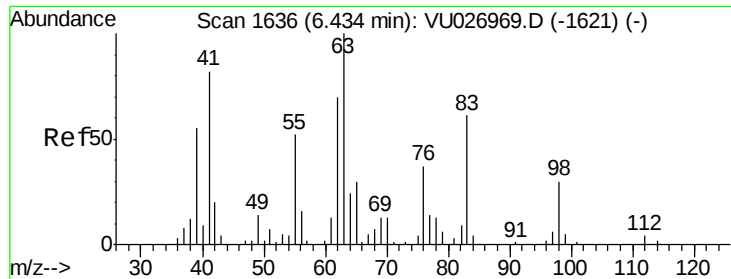
95 104.7 0.0 208.8



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: 52.006 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

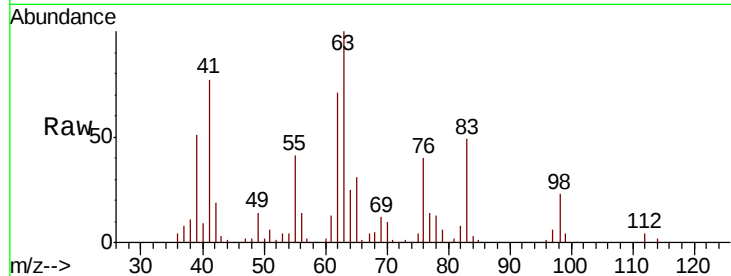
CMT-22-6-SEP18MSD

Tgt Ion: 63 Resp: 82490

Ion Ratio Lower Upper

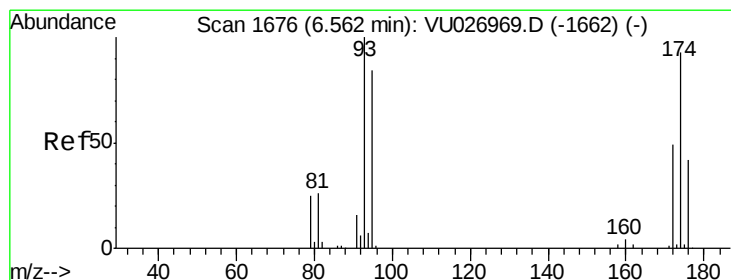
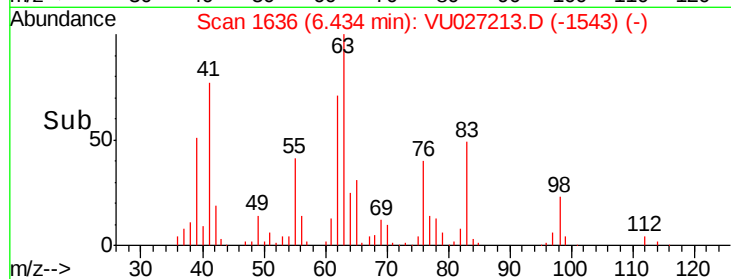
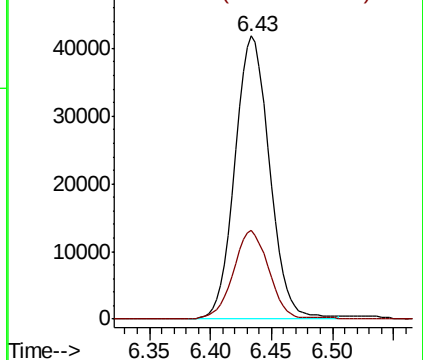
63 100

65 31.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 49.940 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

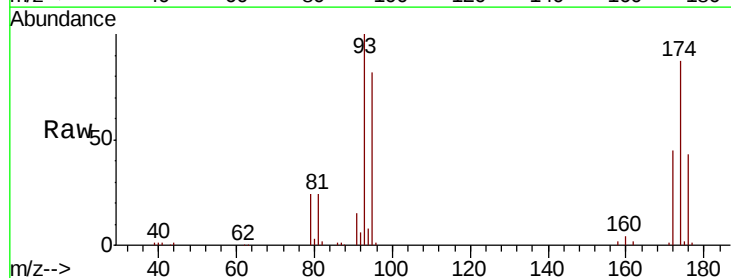
Tgt Ion: 93 Resp: 47841

Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

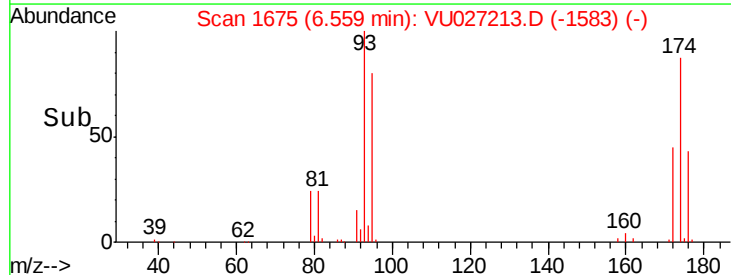
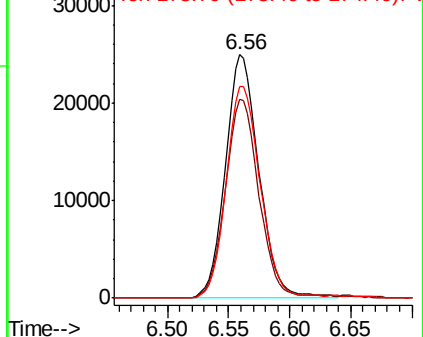
174 88.5 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.068 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

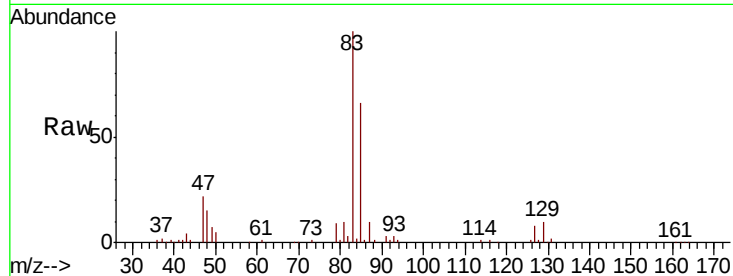
Tgt Ion: 83 Resp: 96983

Ion Ratio Lower Upper

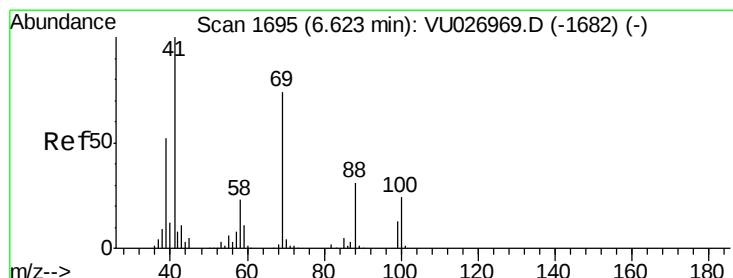
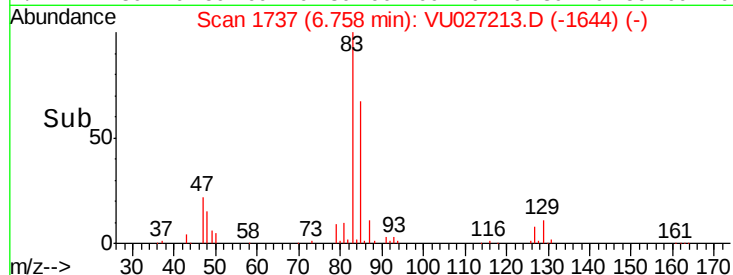
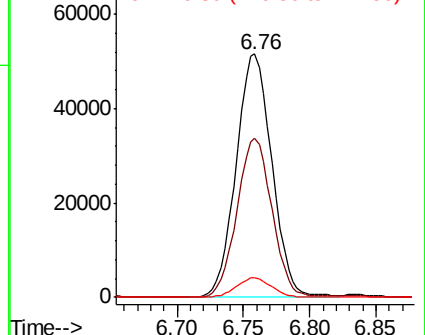
83 100

85 65.5 52.5 78.7

127 8.3 6.3 9.5



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



#48

Methyl methacrylate

Concen: 52.699 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

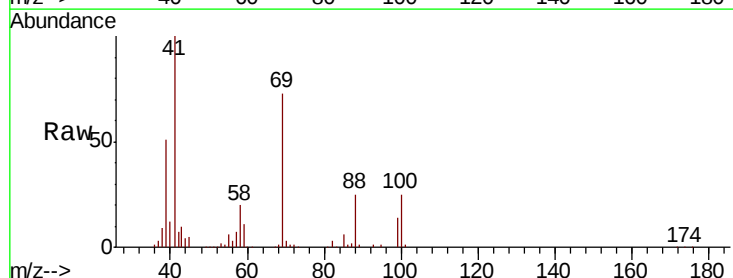
Tgt Ion: 41 Resp: 103804

Ion Ratio Lower Upper

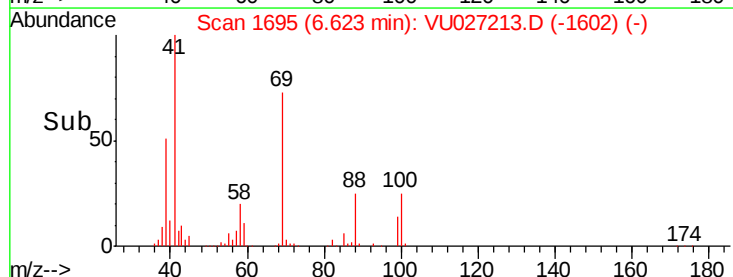
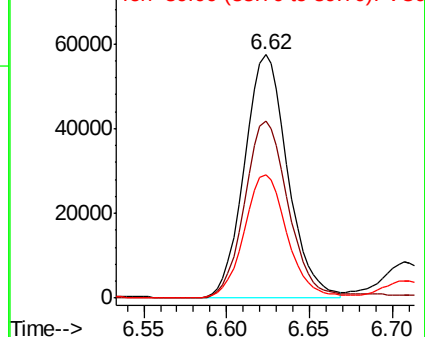
41 100

69 76.4 60.6 90.8

39 51.0 42.8 64.2



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

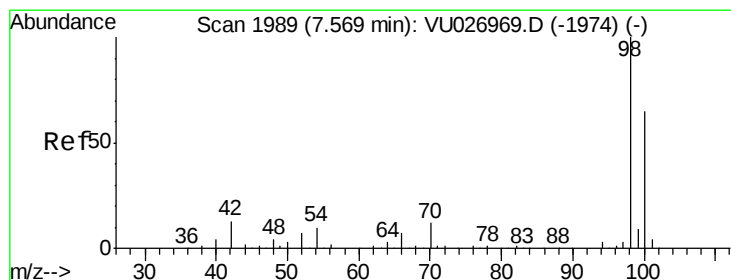
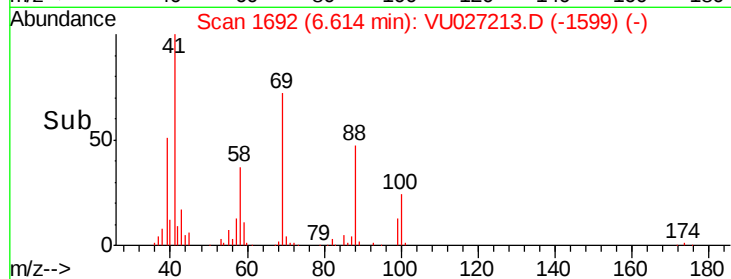
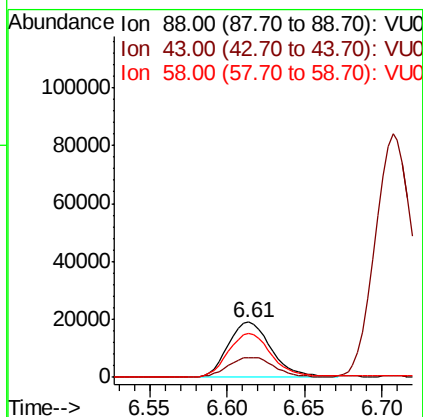
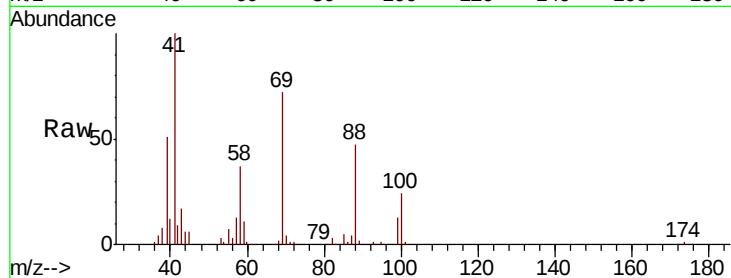




#49
1,4-Dioxane
Concen: 954.686 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

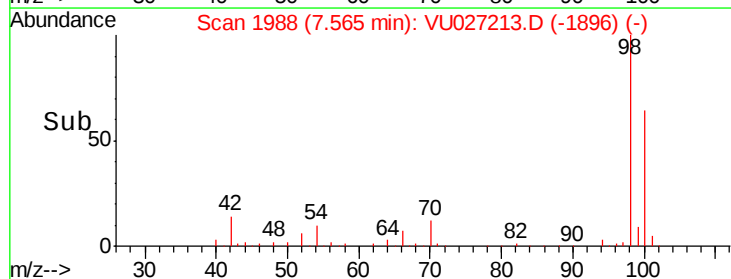
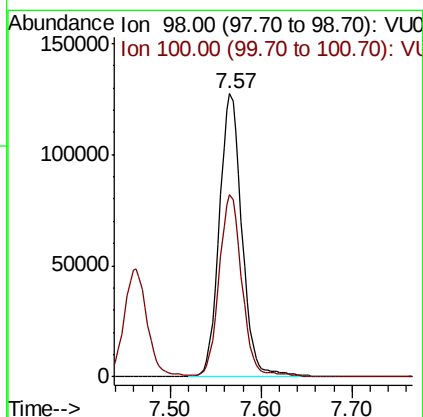
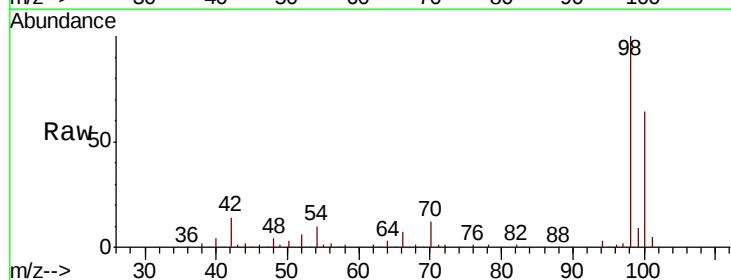
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion: 88 Resp: 37310
Ion Ratio Lower Upper
88 100
43 38.7 29.8 44.8
58 79.9 63.9 95.9



#50
Toluene-d8
Concen: 48.659 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 98 Resp: 220549
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

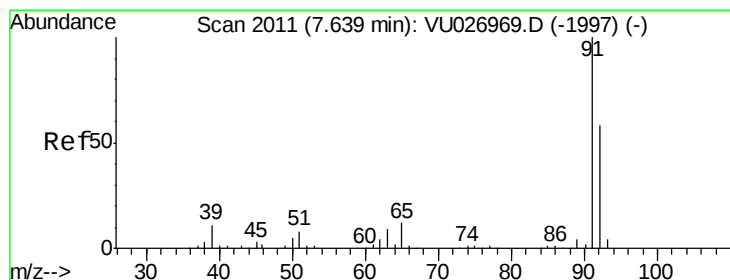
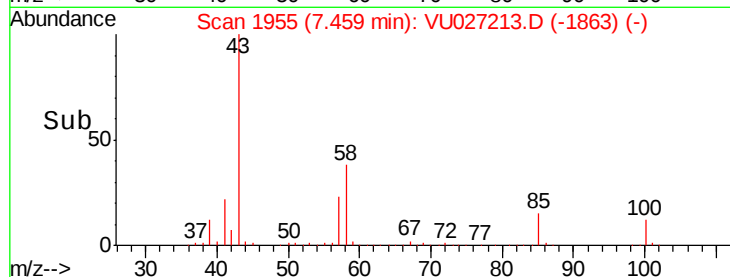
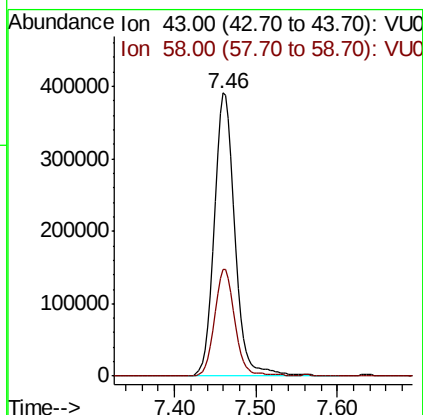
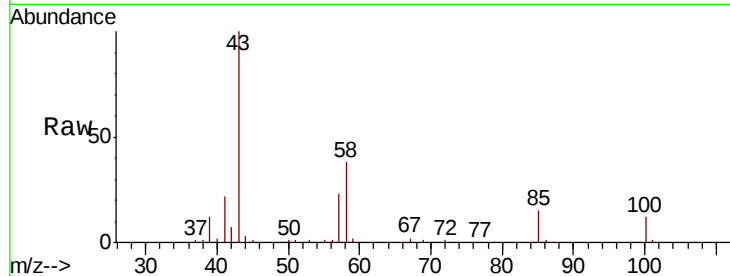




#51
4-Methyl-2-Pentanone
Concen: 288.281 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

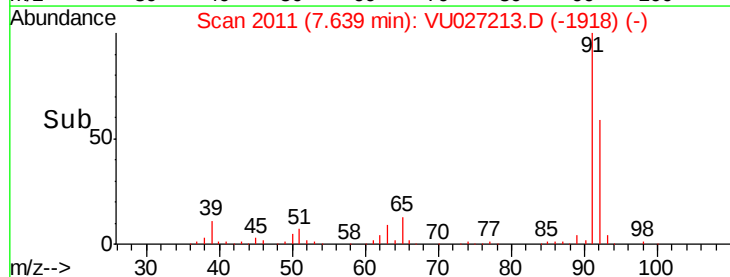
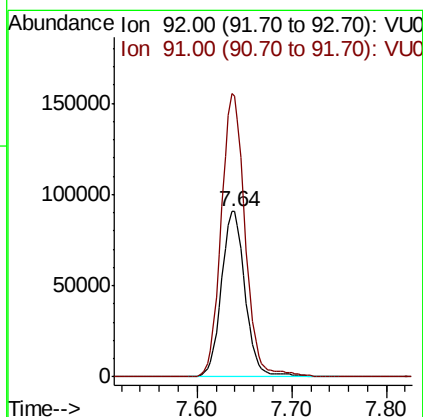
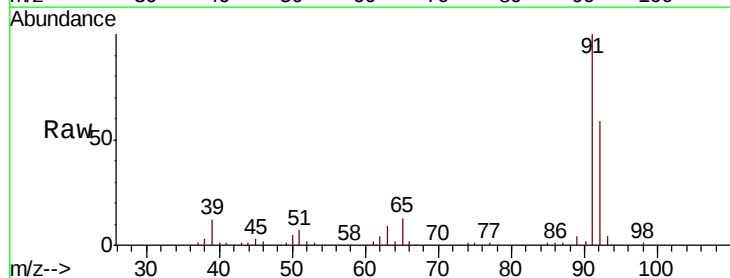
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion: 43 Resp: 700945
Ion Ratio Lower Upper
43 100
58 37.4 29.8 44.6



#52
Toluene
Concen: 49.738 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 92 Resp: 158708
Ion Ratio Lower Upper
92 100
91 171.9 136.4 204.6

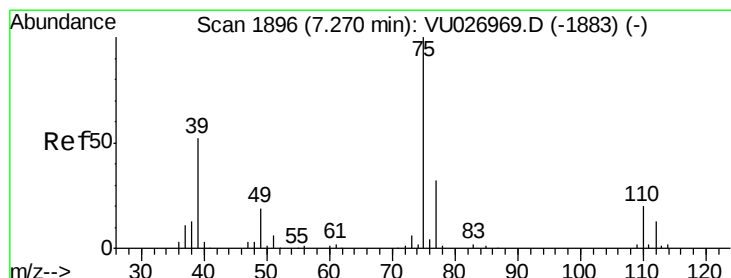
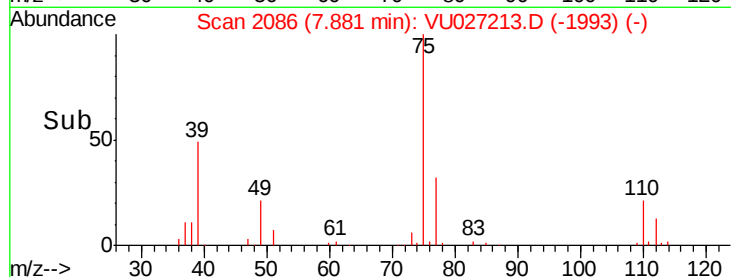
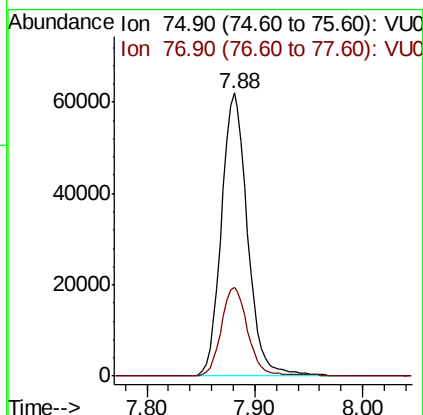
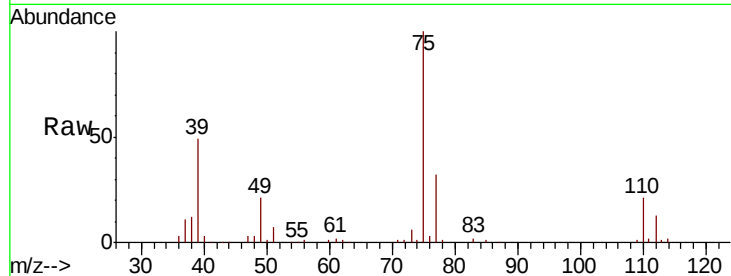




#53
t-1,3-Dichloropropene
Concen: 50.300 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

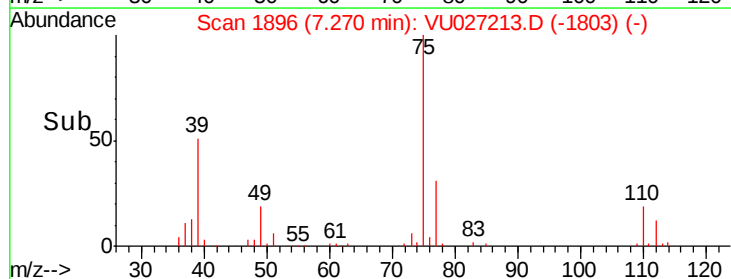
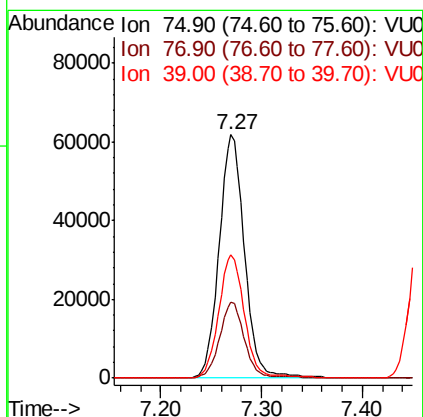
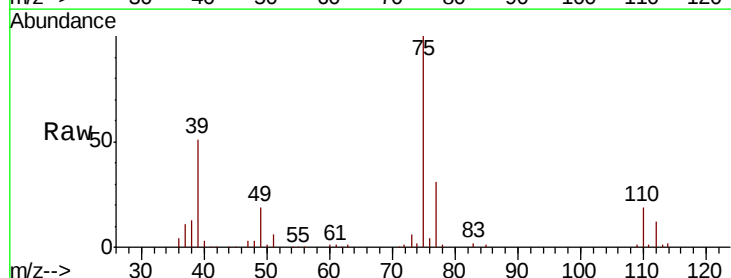
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion: 75 Resp: 104684
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.494 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 75 Resp: 108682
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 50.5 41.6 62.4

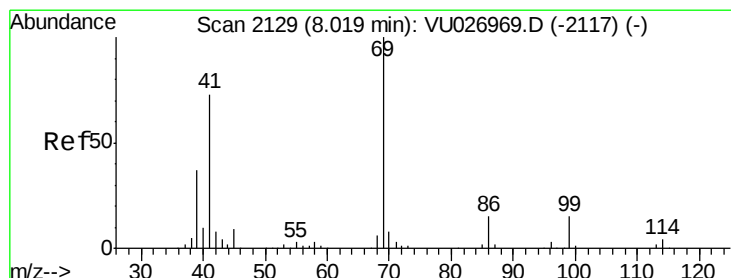
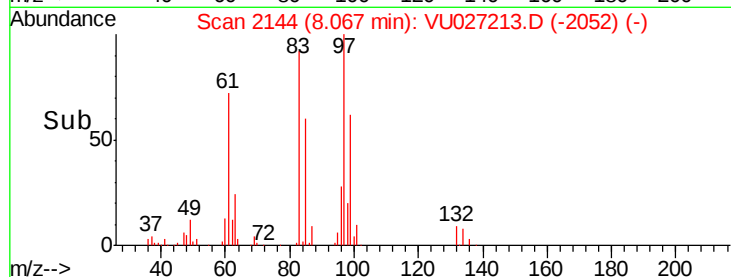
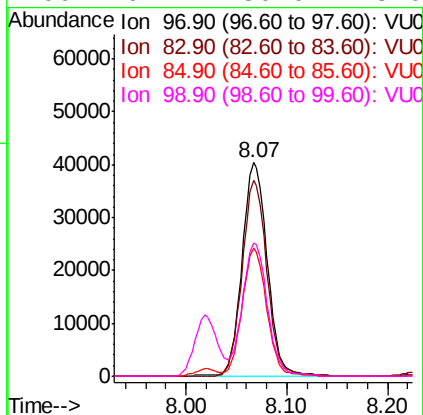
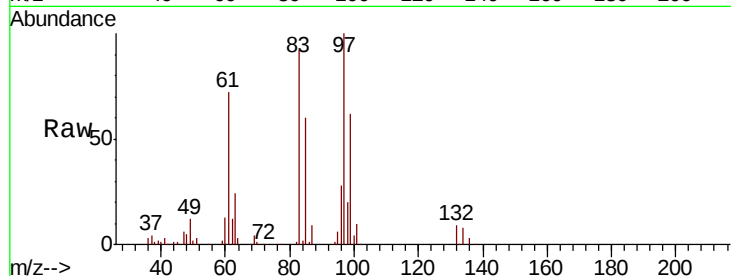




#55
 1,1,2-Trichloroethane
 Concen: 51.670 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

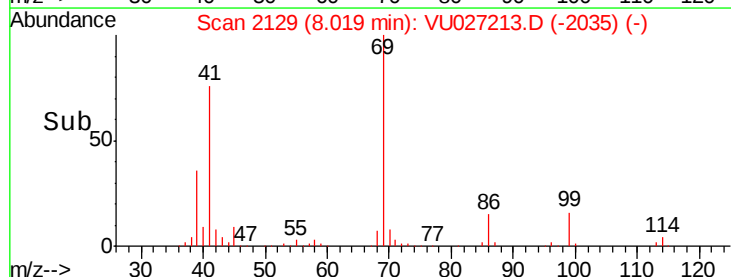
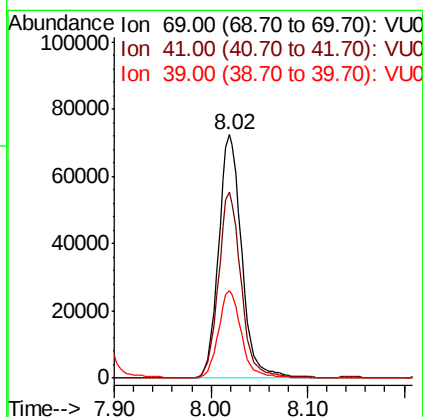
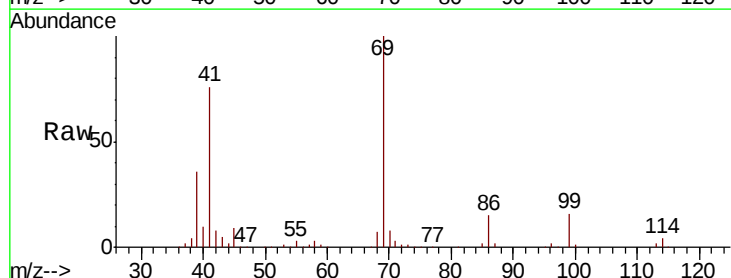
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

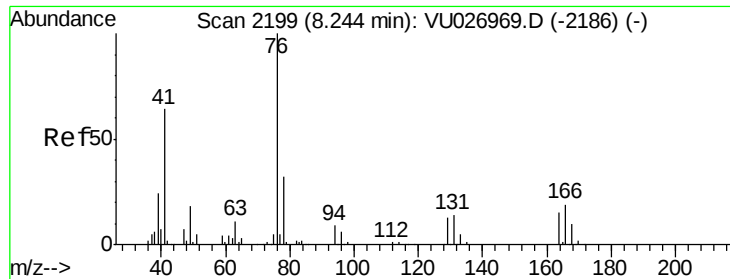
Tgt Ion: 97 Resp: 69861
 Ion Ratio Lower Upper
 97 100
 83 91.7 73.1 109.7
 85 59.7 46.7 70.1
 99 62.1 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 51.127 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 69 Resp: 120062
 Ion Ratio Lower Upper
 69 100
 41 75.3 59.0 88.4
 39 35.1 30.2 45.4

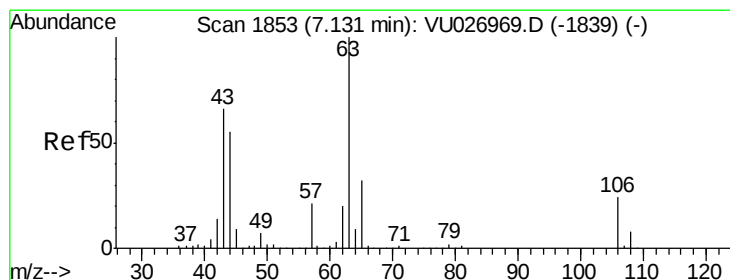
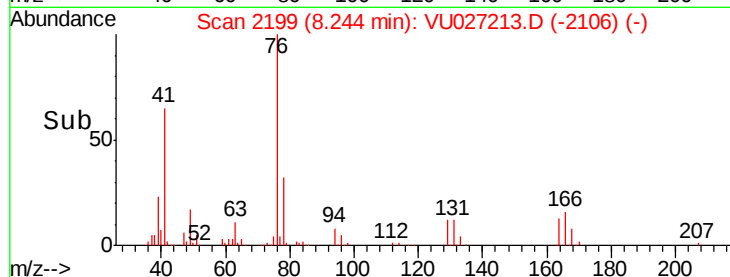
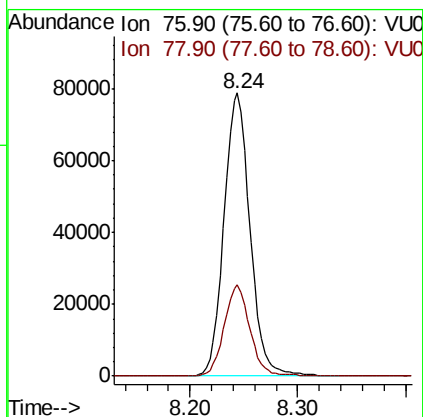
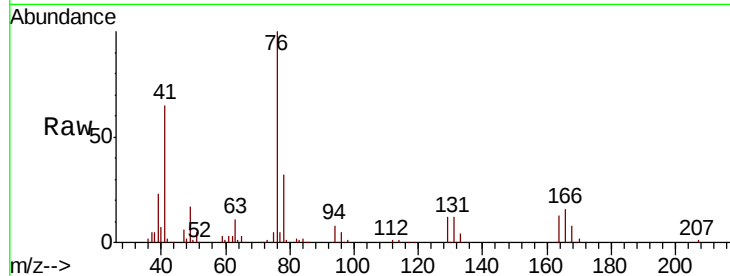




#57
 1,3-Dichloropropane
 Concen: 52.588 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

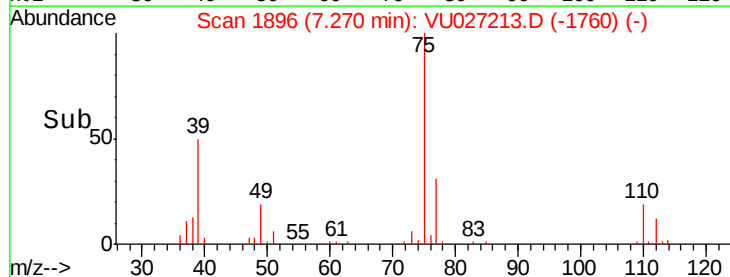
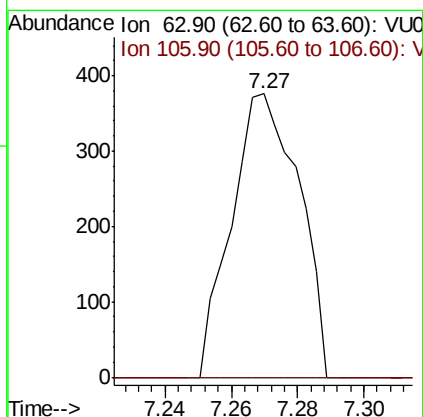
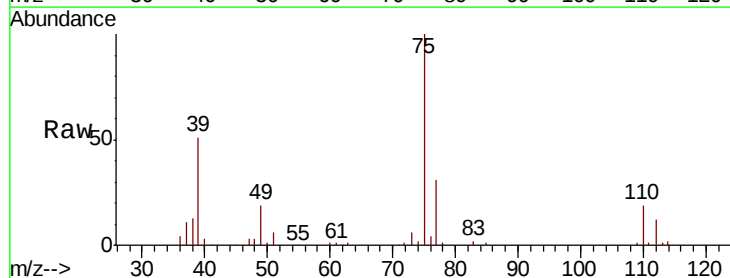
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion: 76 Resp: 132242
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.254 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.14 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 63 Resp: 533
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

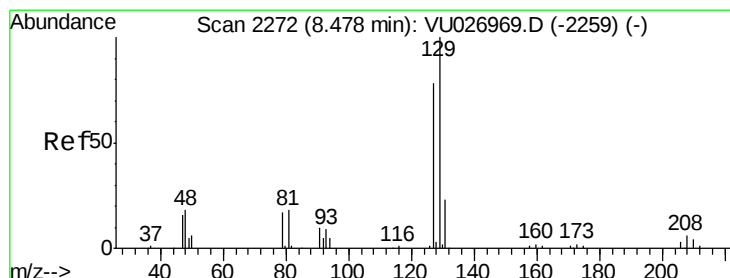
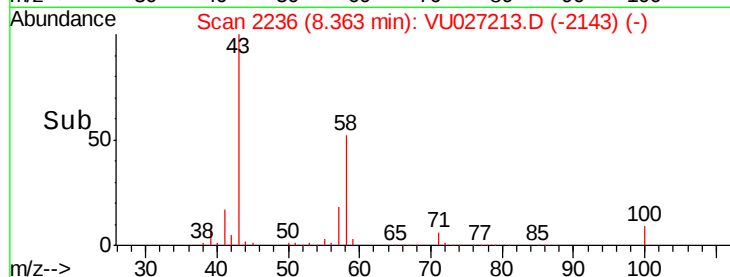
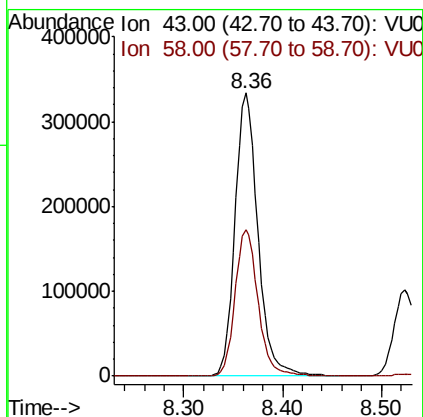
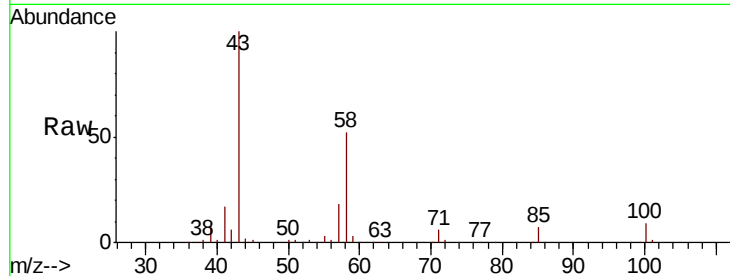




#59
2-Hexanone
Concen: 283.814 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

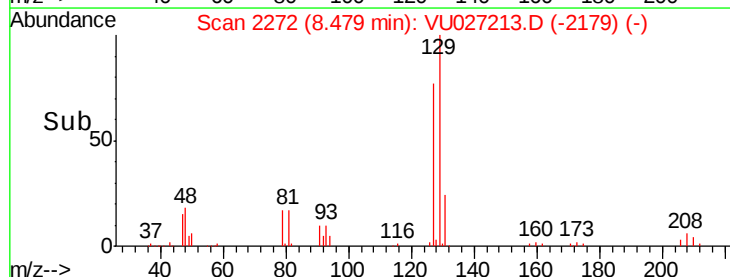
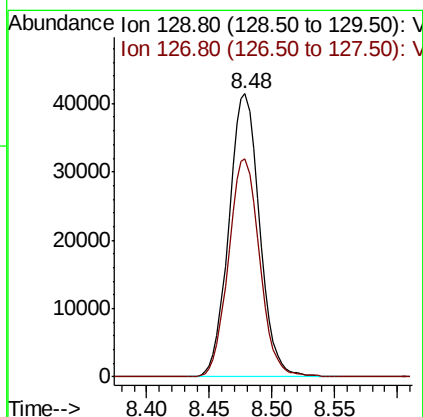
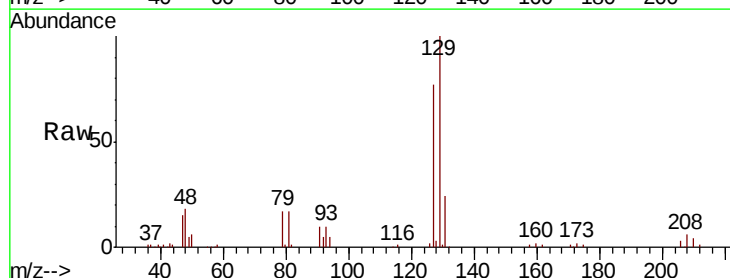
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

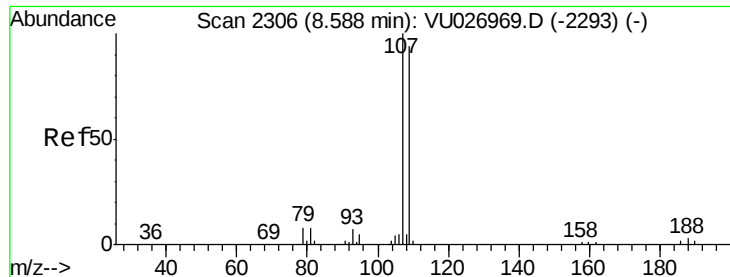
Tgt Ion: 43 Resp: 540183
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.2



#60
Dibromochloromethane
Concen: 53.249 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 129 Resp: 70620
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.234 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

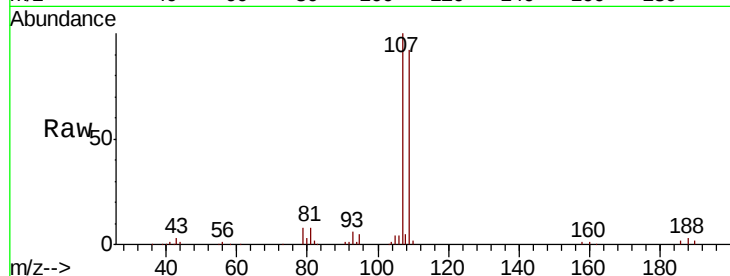
CMT-22-6-SEP18MSD

Tgt Ion: 107 Resp: 72074

Ion Ratio Lower Upper

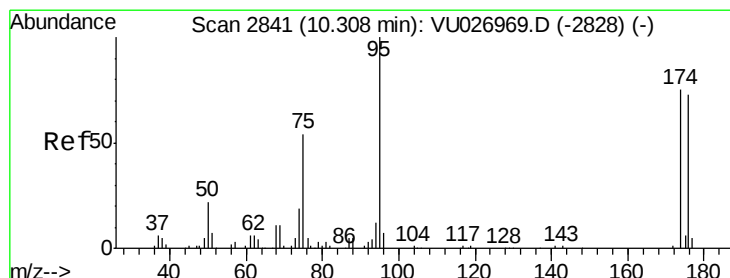
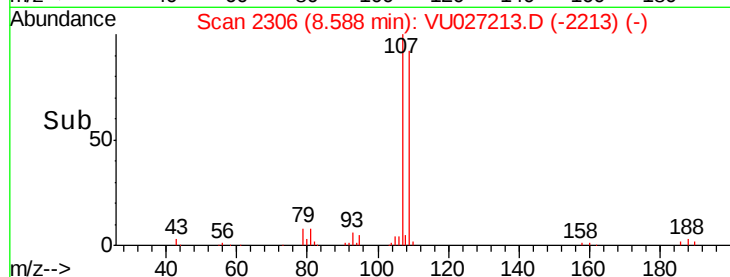
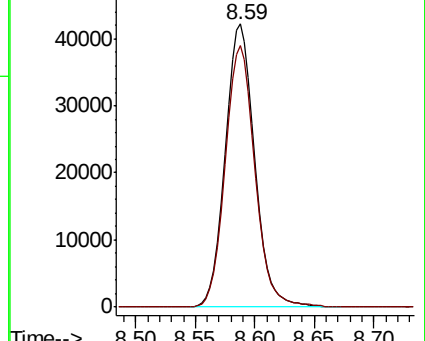
107 100

109 93.4 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: 52.379 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

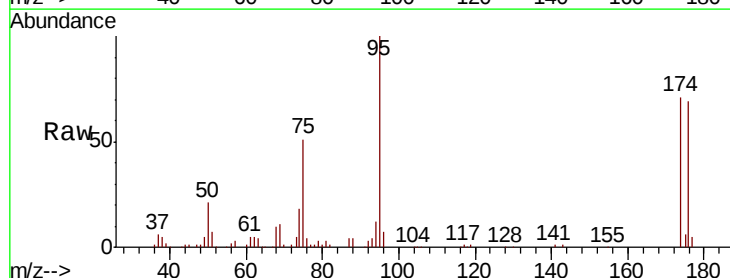
Tgt Ion: 95 Resp: 81463

Ion Ratio Lower Upper

95 100

174 72.5 0.0 150.2

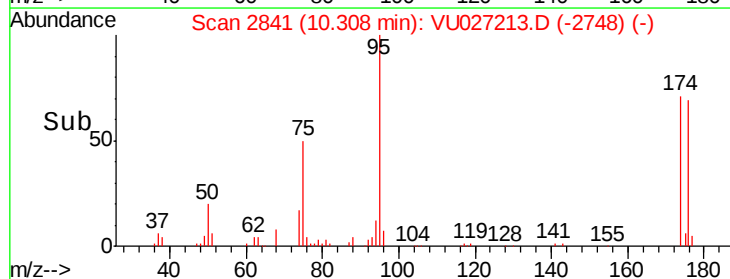
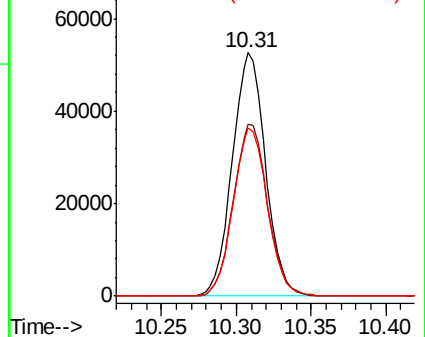
176 70.7 0.0 145.2



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

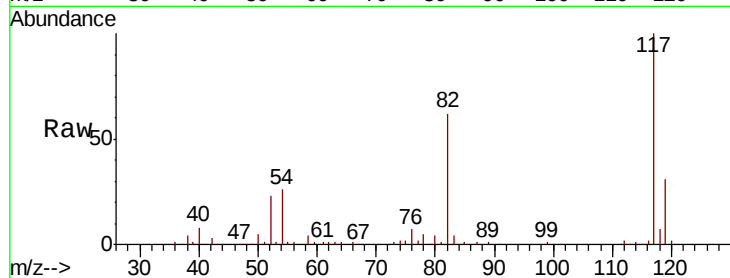




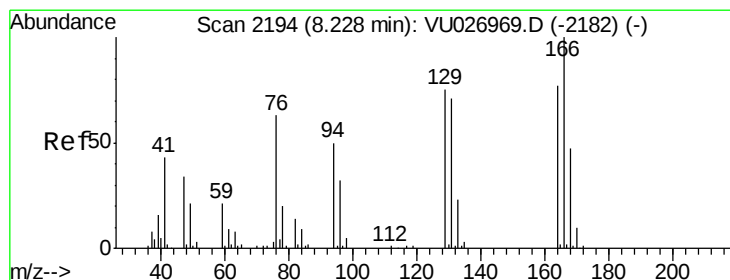
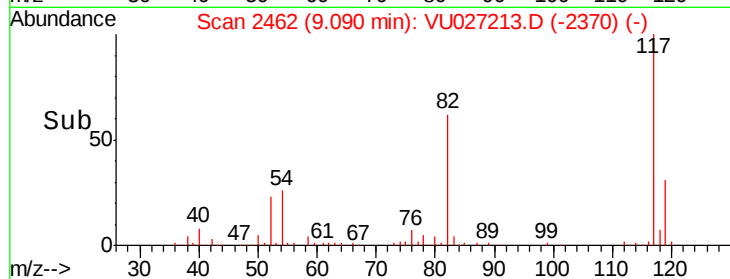
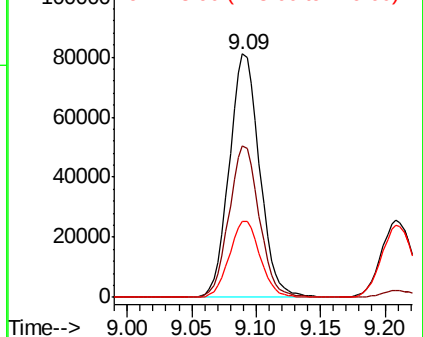
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion:117 Resp: 132403
Ion Ratio Lower Upper
117 100
82 62.4 48.0 72.0
119 31.3 25.8 38.8



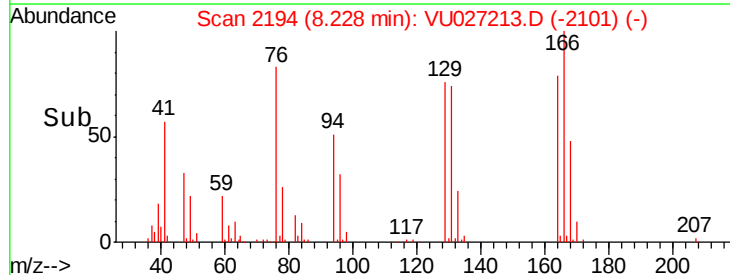
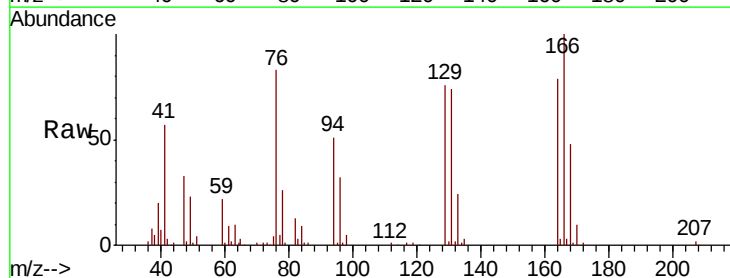
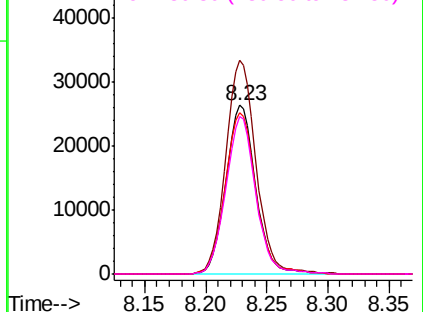
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027213.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 44.354 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:164 Resp: 45253
Ion Ratio Lower Upper
164 100
166 126.7 104.4 156.6
129 95.8 78.7 118.1
131 93.2 73.9 110.9

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

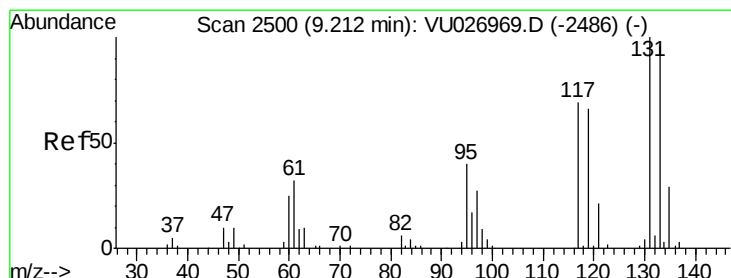
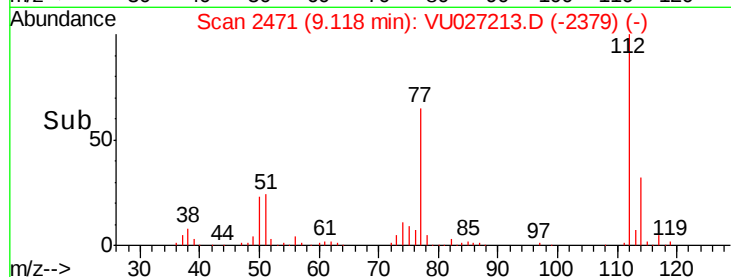
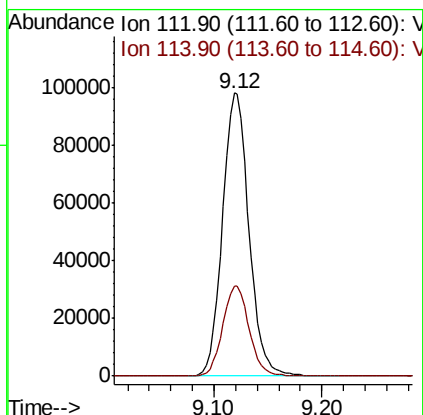
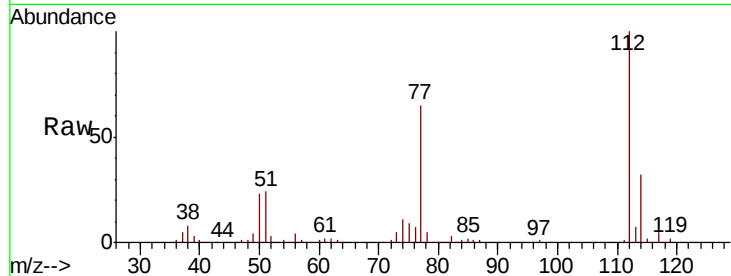




#65
Chlorobenzene
Concen: 47.563 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

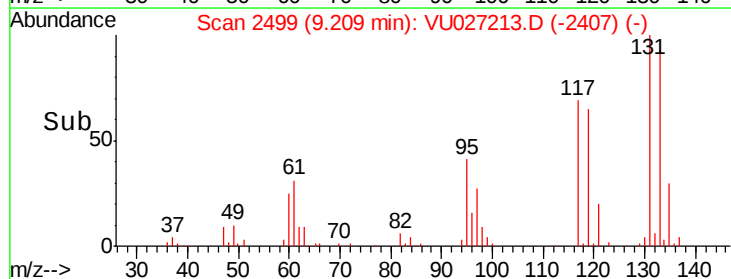
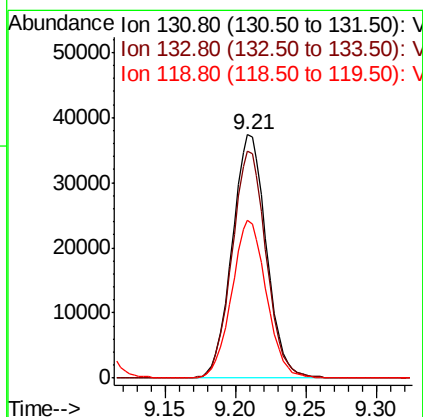
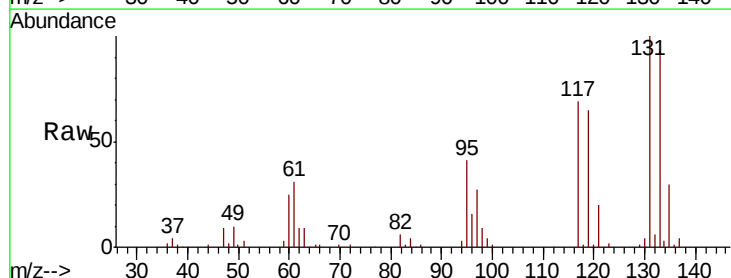
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

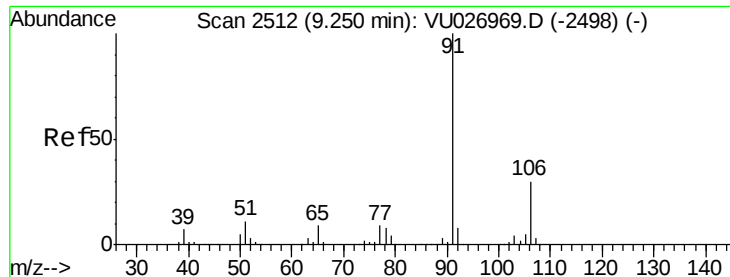
Tgt Ion:112 Resp: 166979
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.526 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:131 Resp: 63514
Ion Ratio Lower Upper
131 100
133 93.3 48.0 144.2
119 65.1 33.4 100.1

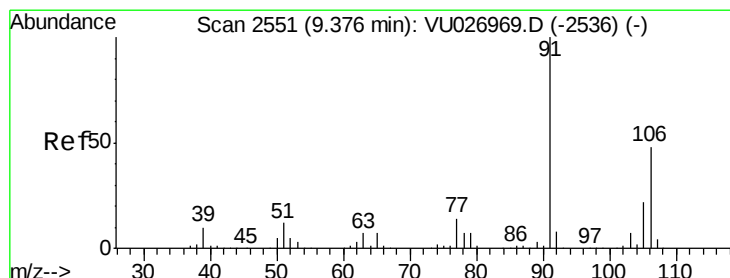
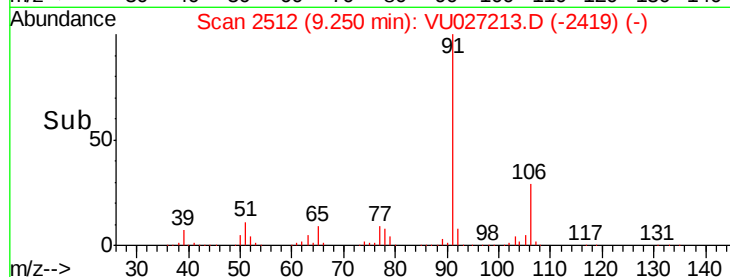
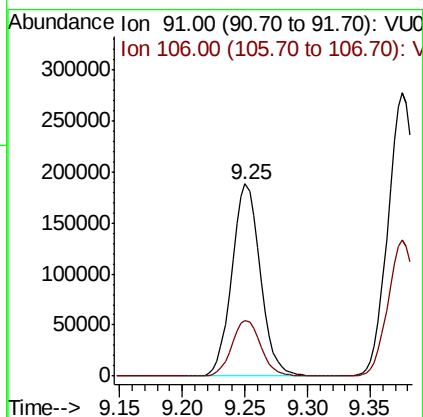
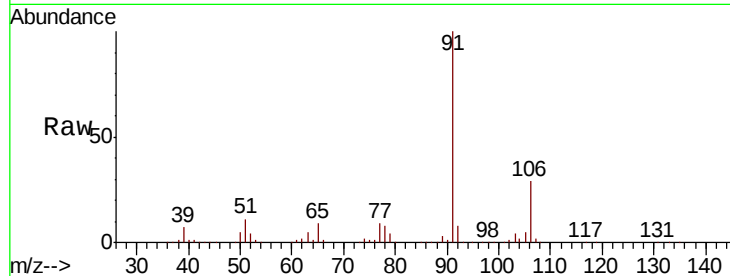




#67
 Ethyl Benzene
 Concen: 51.438 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

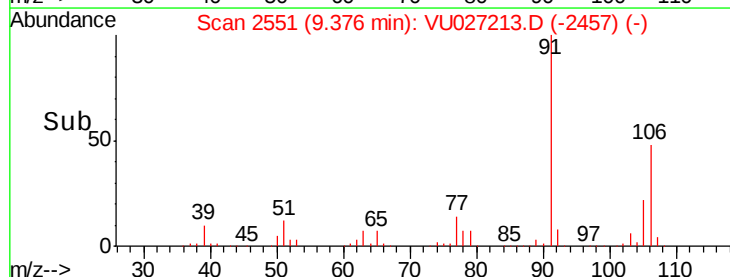
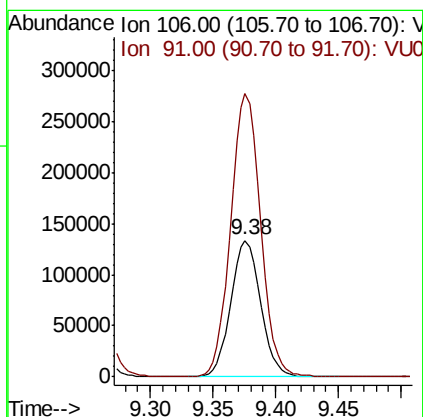
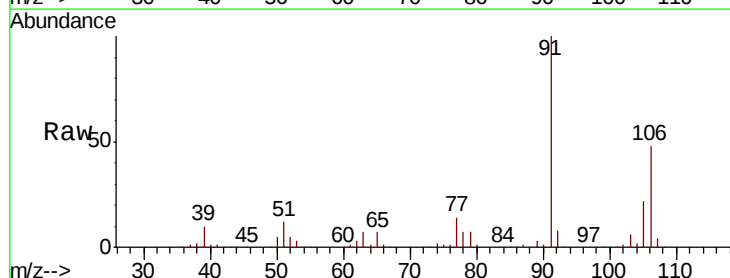
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion: 91 Resp: 296945
 Ion Ratio Lower Upper
 91 100
 106 29.2 23.8 35.8



#68
 m/p-Xylenes
 Concen: 94.238 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 106 Resp: 220119
 Ion Ratio Lower Upper
 106 100
 91 208.7 166.5 249.7

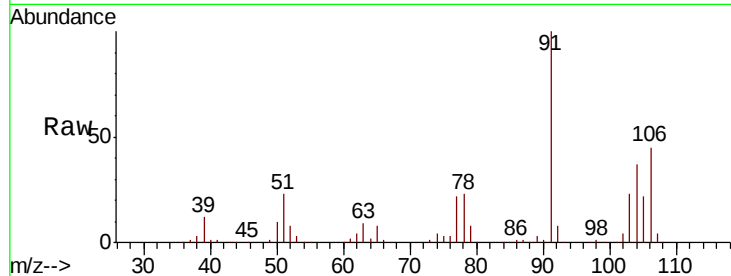




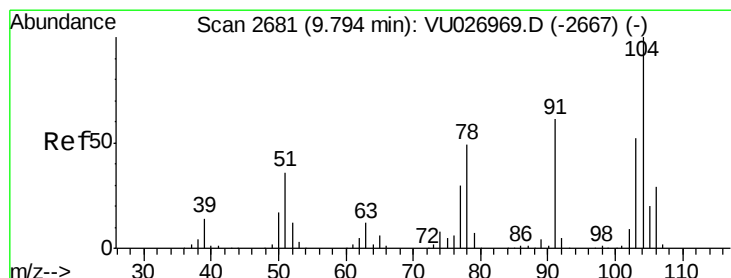
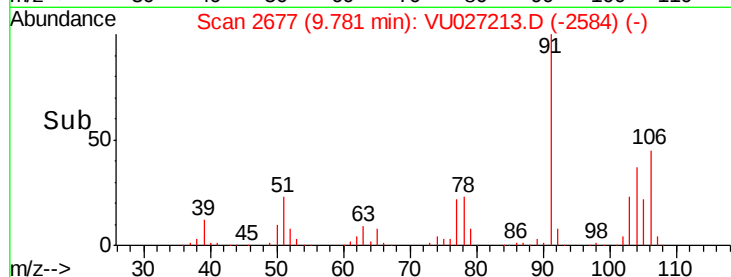
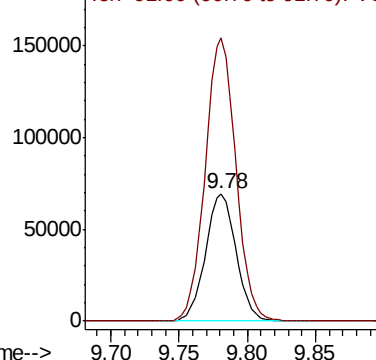
#69
o-Xylene
Concen: 52.738 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion:106 Resp: 107872
Ion Ratio Lower Upper
106 100
91 223.1 110.2 330.6

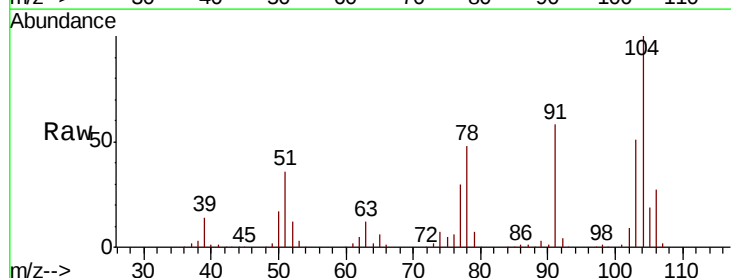


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

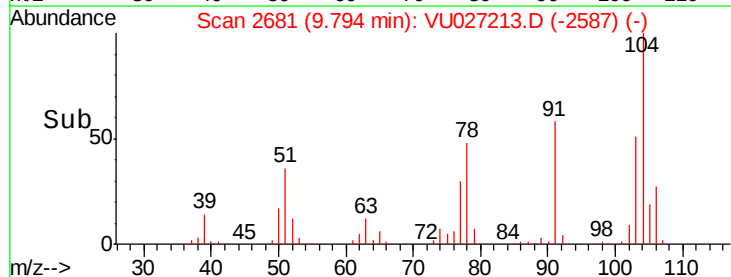
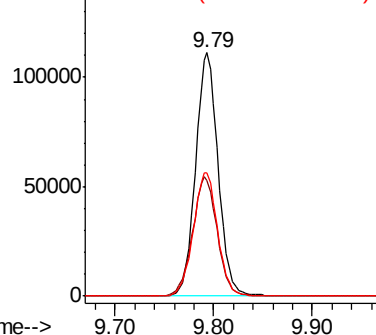


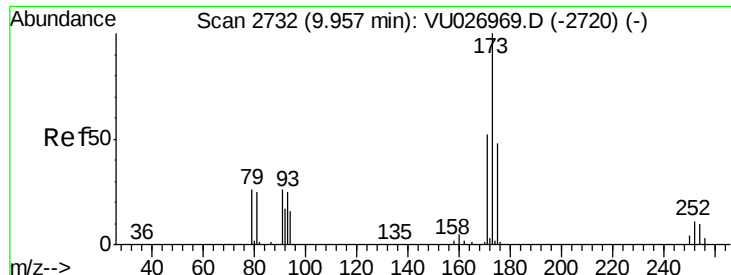
#70
Styrene
Concen: 46.856 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:104 Resp: 178497
Ion Ratio Lower Upper
104 100
78 53.4 43.0 64.4
103 54.5 44.1 66.1



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

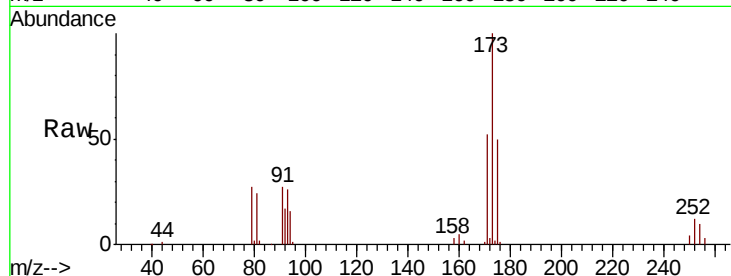




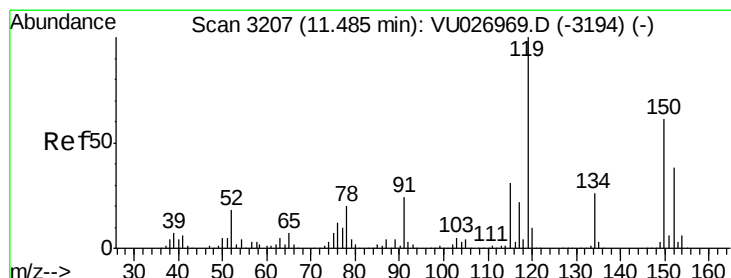
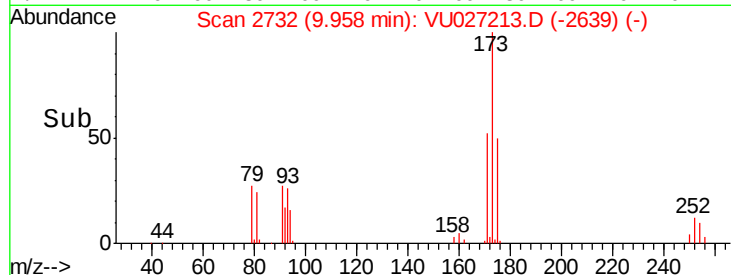
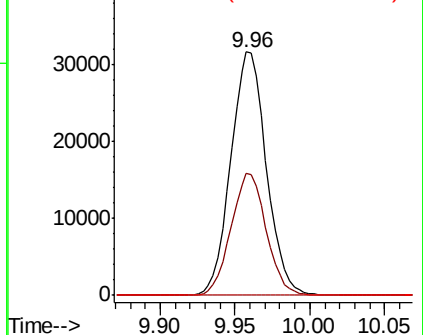
#71
Bromoform
Concen: 56.008 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion:173 Resp: 52372
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.0 0.0 0.0

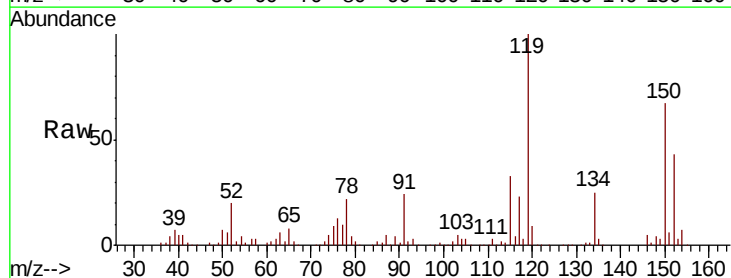


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

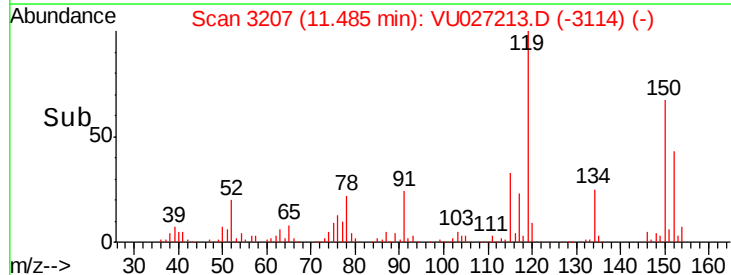
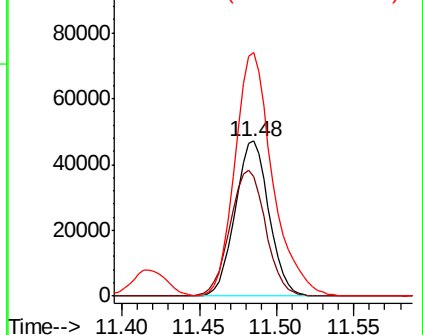


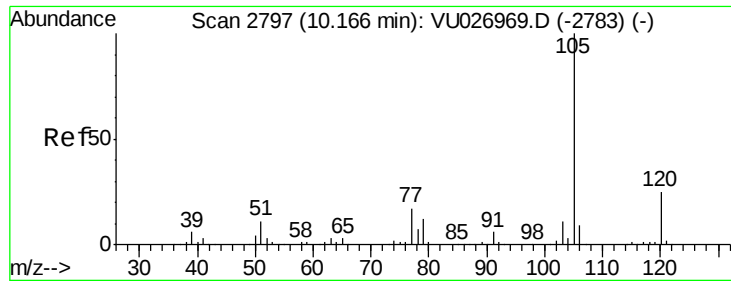
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:152 Resp: 71600
Ion Ratio Lower Upper
152 100
115 85.5 44.9 134.5
150 174.5 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: 53.226 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

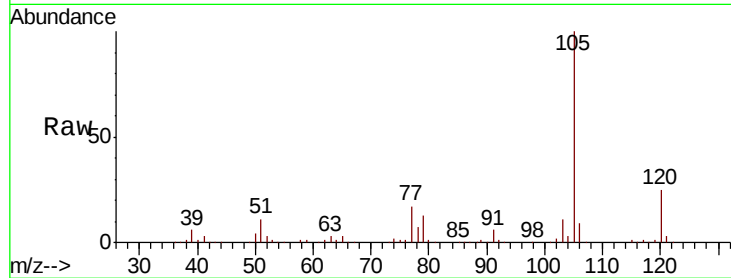
CMT-22-6-SEP18MSD

Tgt Ion: 105 Resp: 289898

Ion Ratio Lower Upper

105 100

120 25.4 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

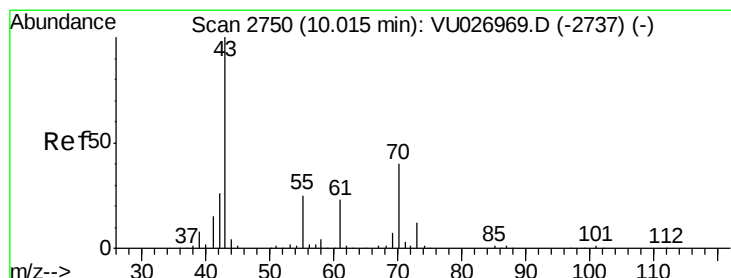
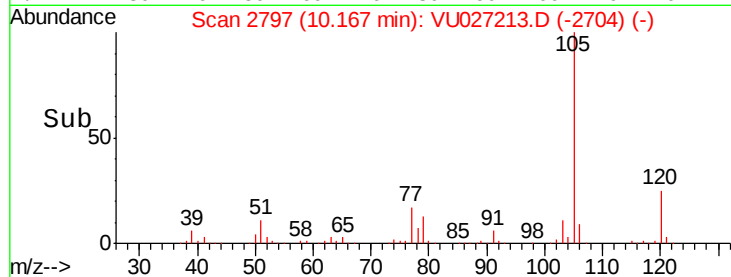
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 50.662 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Tgt Ion: 43 Resp: 159723

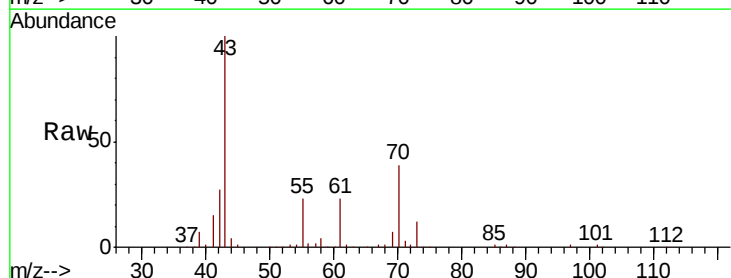
Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.8

55 23.8 19.9 29.9

61 22.8 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

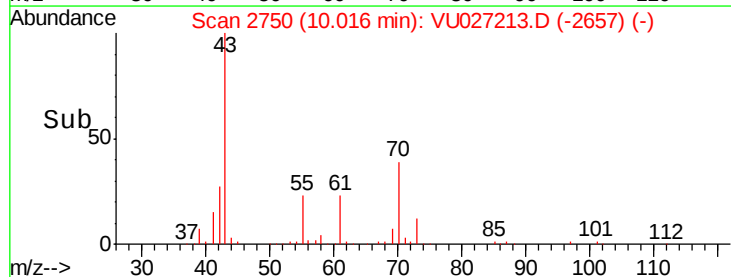
50000

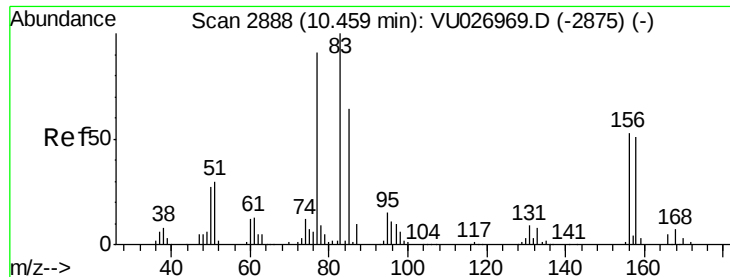
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.918 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

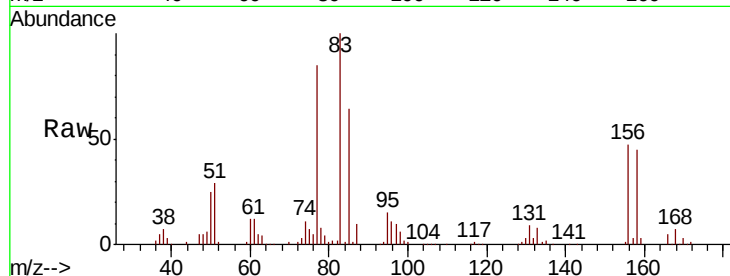
Tgt Ion: 83 Resp: 125004

Ion Ratio Lower Upper

83 100

131 8.5 4.3 12.8

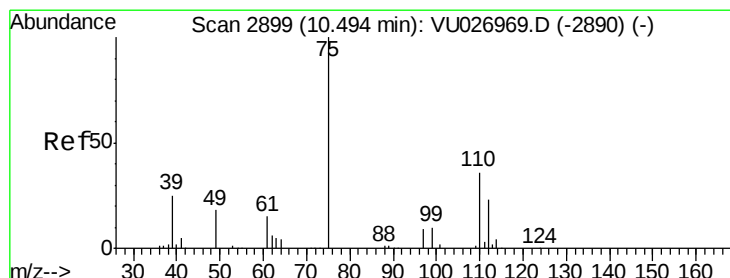
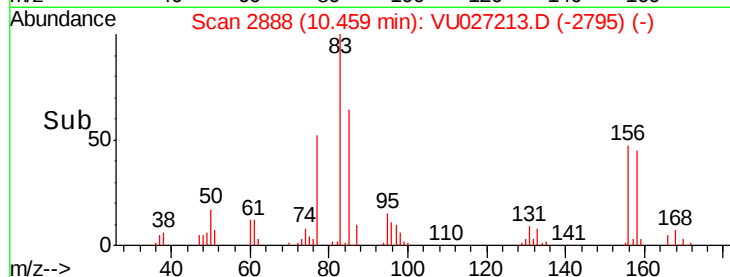
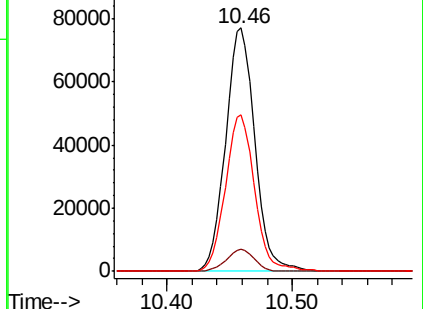
85 64.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027213.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU027213.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU027213.D (-2875) (-)



#76

1,2,3-Trichloropropane

Concen: 63.719 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027213.D

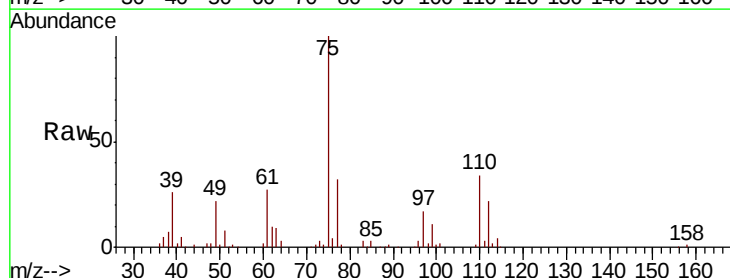
Acq: 27 Sep 2018 05:50

Tgt Ion: 75 Resp: 138600

Ion Ratio Lower Upper

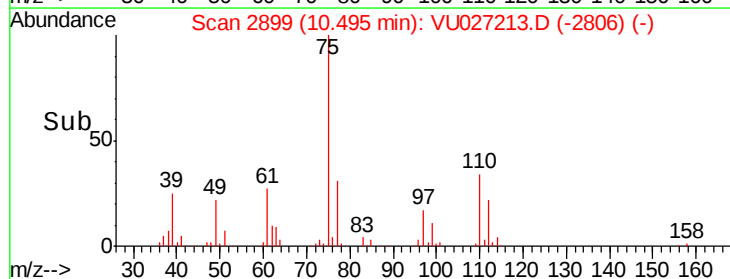
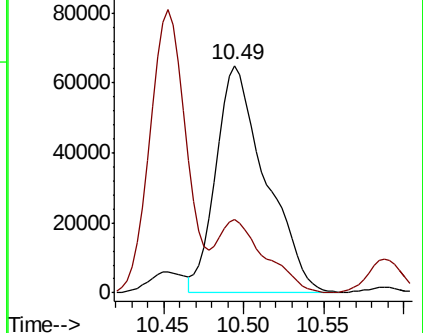
75 100

77 30.8 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027213.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027213.D (-2890) (-)





#77

Bromobenzene

Concen: 50.772 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

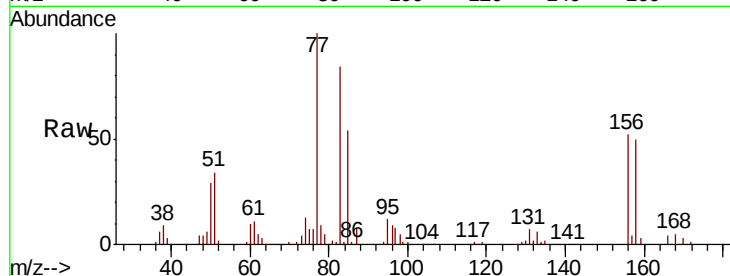
Tgt Ion:156 Resp: 67576

Ion Ratio Lower Upper

156 100

77 191.3 92.3 276.9

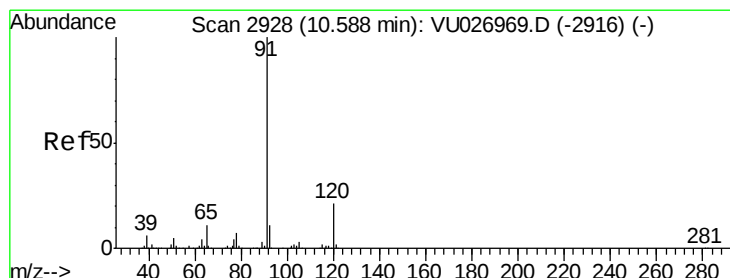
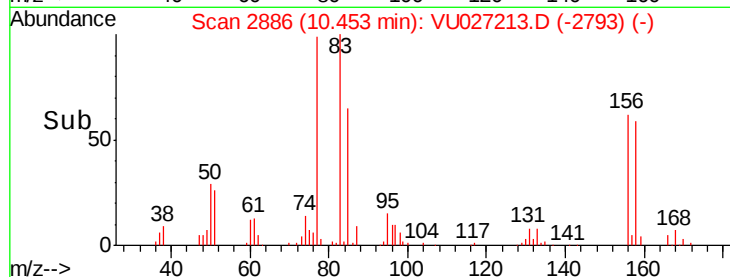
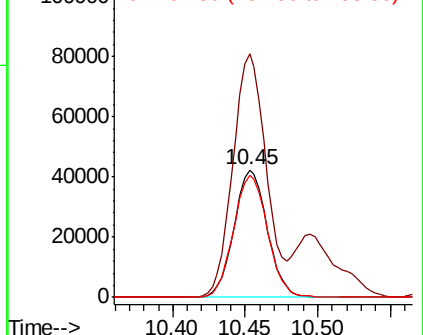
158 97.5 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.098 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027213.D

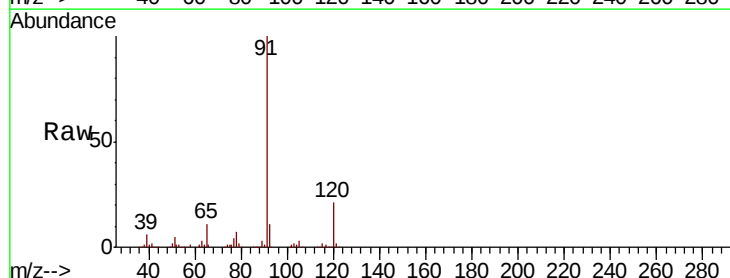
Acq: 27 Sep 2018 05:50

Tgt Ion: 91 Resp: 342190

Ion Ratio Lower Upper

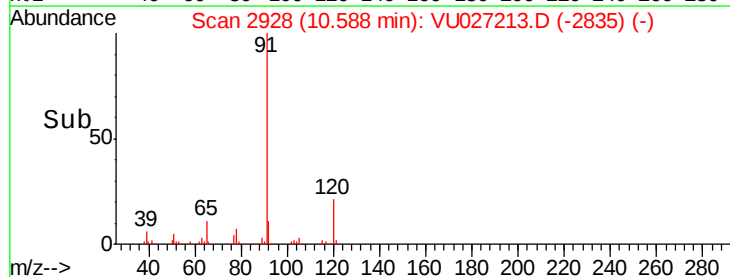
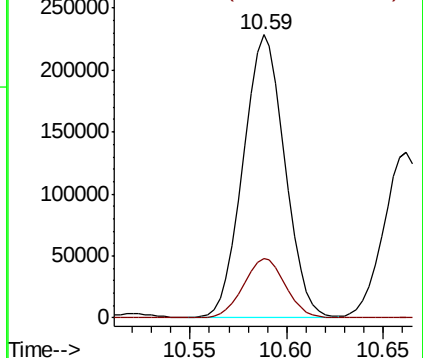
91 100

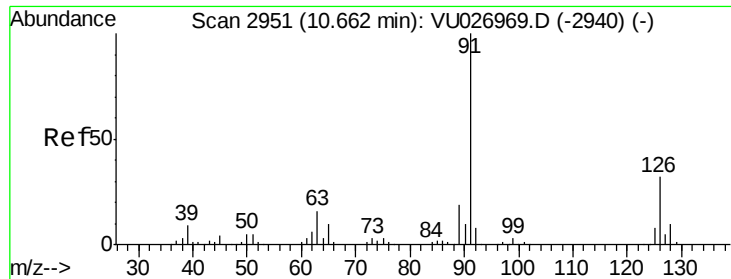
120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

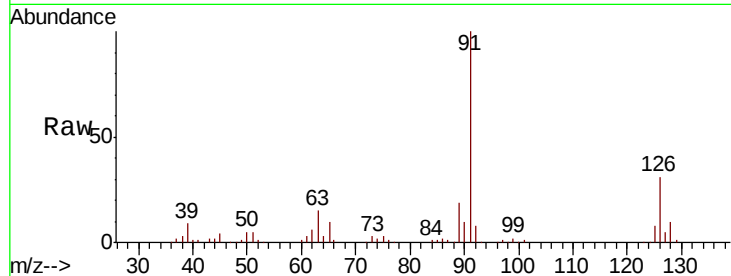




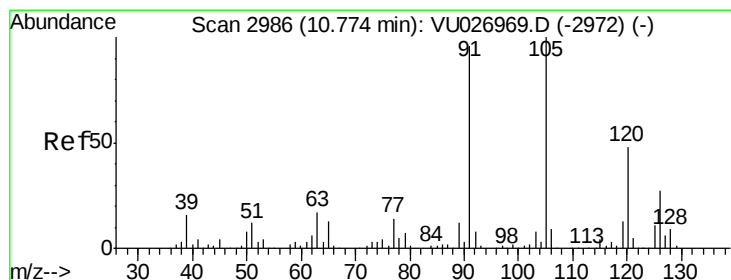
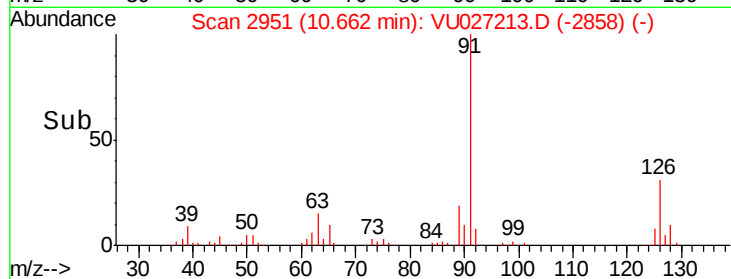
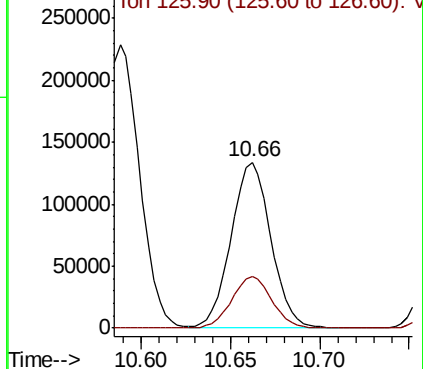
#79
 2-Chlorotoluene
 Concen: 51.103 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion: 91 Resp: 206865
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.8 47.3

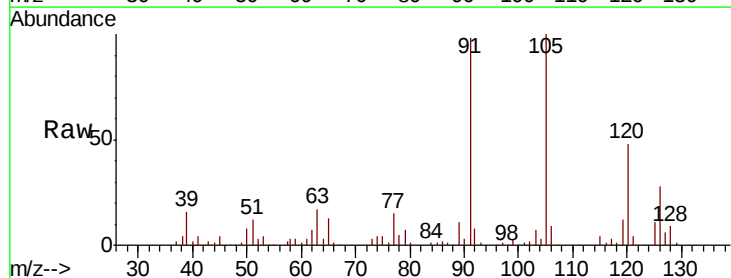


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2940) (-)
 Ion 125.90 (125.60 to 126.60): VU026969.D (-2940) (-)

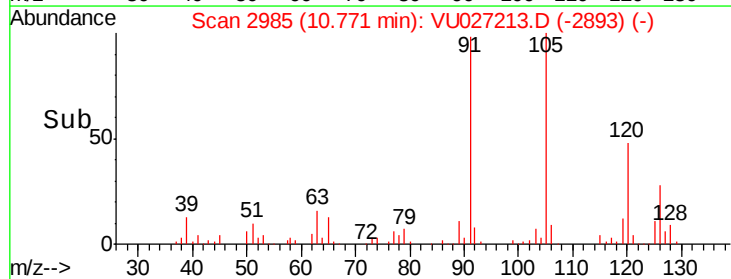
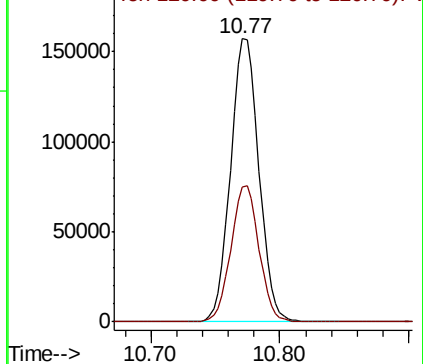


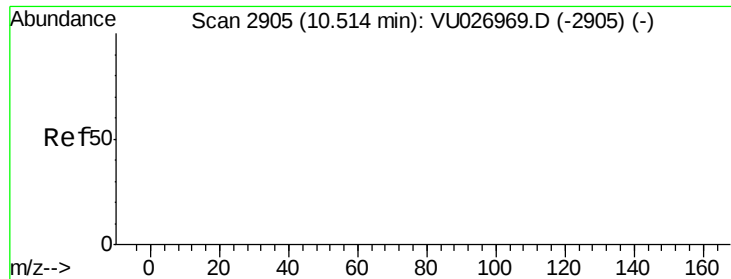
#80
 1,3,5-Trimethylbenzene
 Concen: 53.308 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 105 Resp: 239671
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026969.D (-2972) (-)
 Ion 120.00 (119.70 to 120.70): VU026969.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 203.911 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027213.D

Acq: 27 Sep 2018 05:50

Instrument :

MSVOA_U

ClientSampleId :

CMT-22-6-SEP18MSD

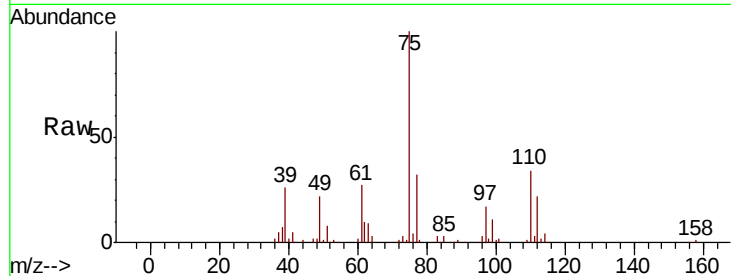
Tgt Ion: 75 Resp: 138600

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

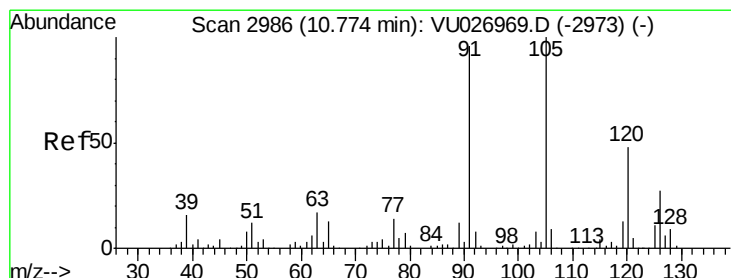
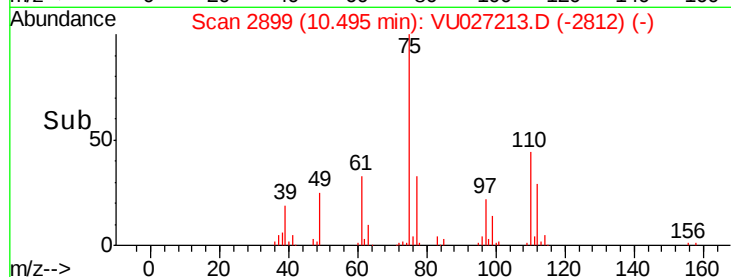
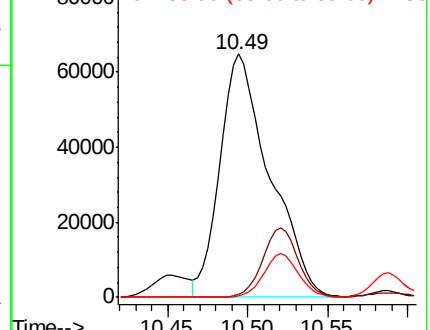
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 52.402 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027213.D

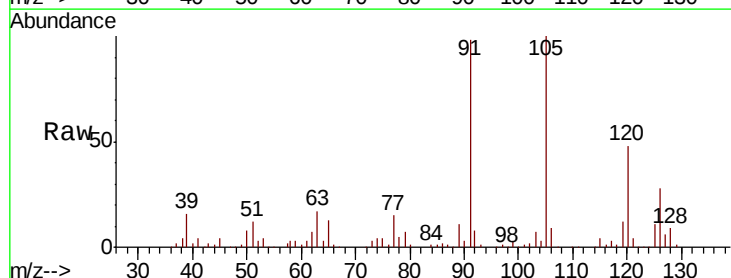
Acq: 27 Sep 2018 05:50

Tgt Ion: 91 Resp: 237850

Ion Ratio Lower Upper

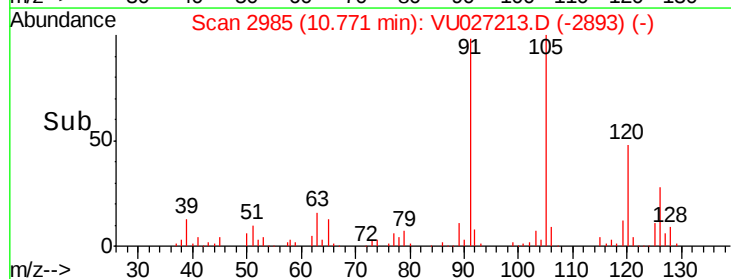
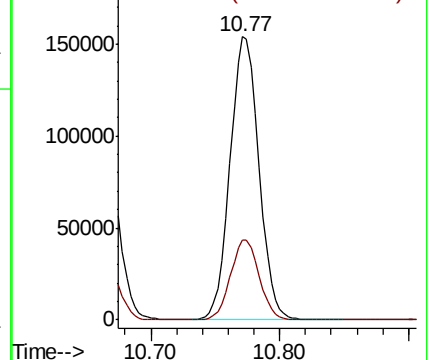
91 100

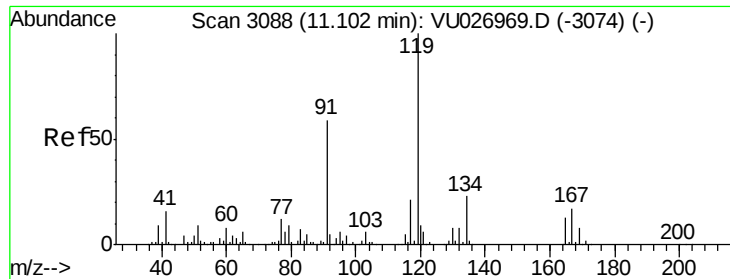
126 28.3 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

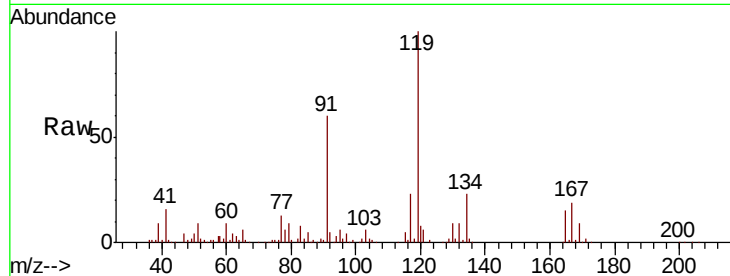




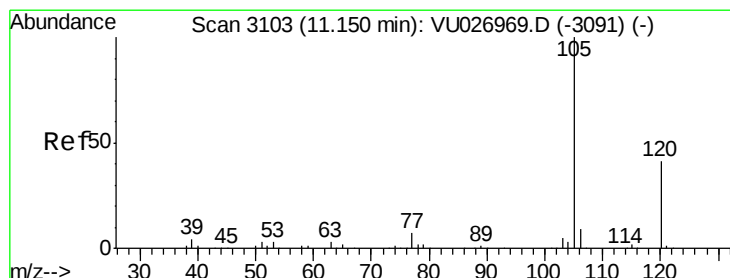
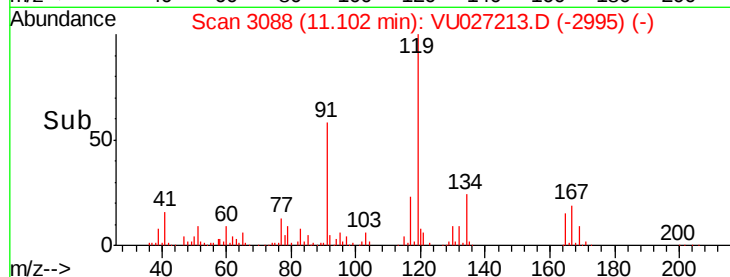
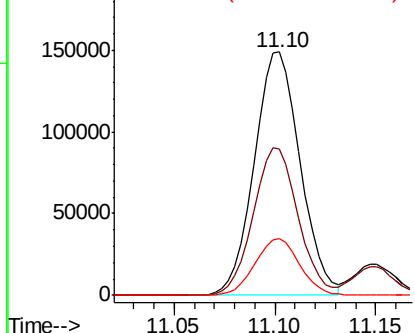
#83
tert-Butylbenzene
Concen: 53.236 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion:119 Resp: 236634
Ion Ratio Lower Upper
119 100
91 59.1 29.8 89.4
134 22.7 11.5 34.4

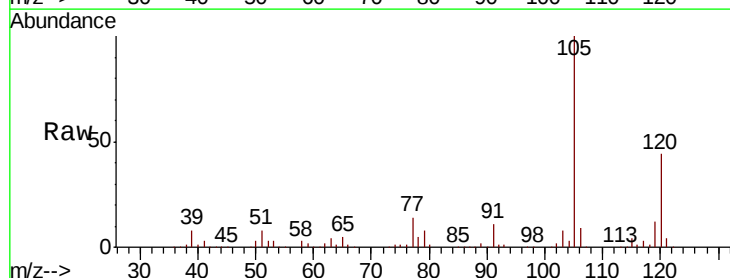


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

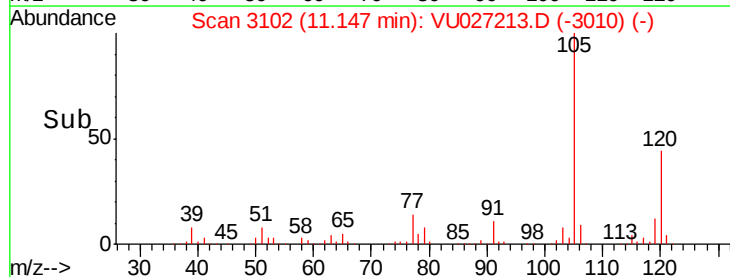
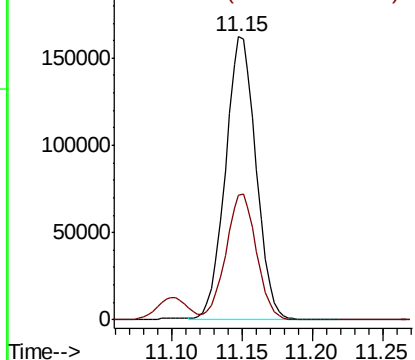


#84
1,2,4-Trimethylbenzene
Concen: 53.621 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:105 Resp: 245346
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.2



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

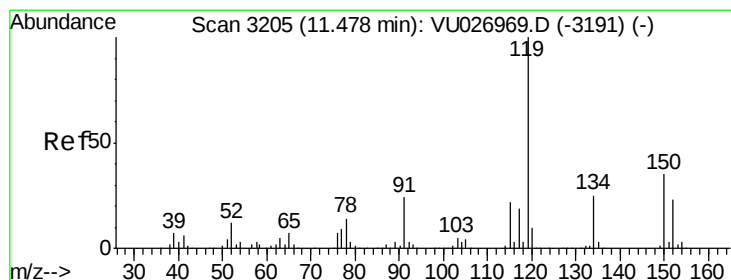
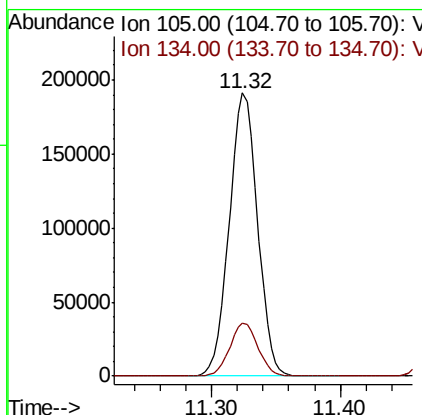
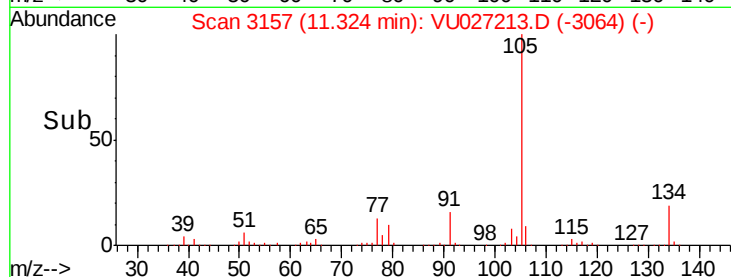
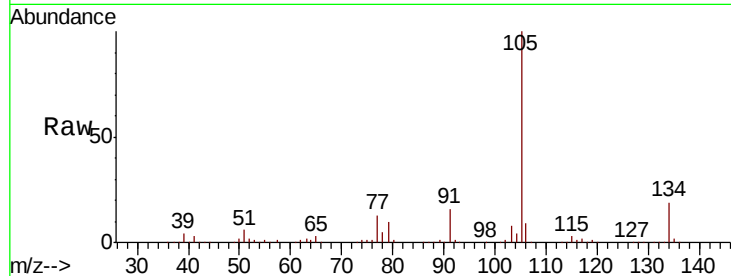




#85
 sec-Butylbenzene
 Concen: 53.512 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

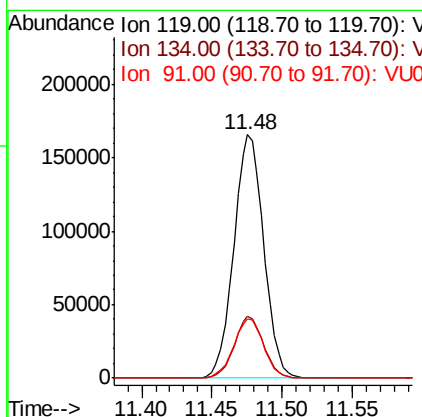
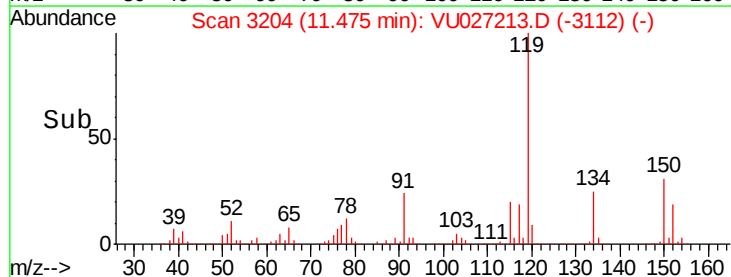
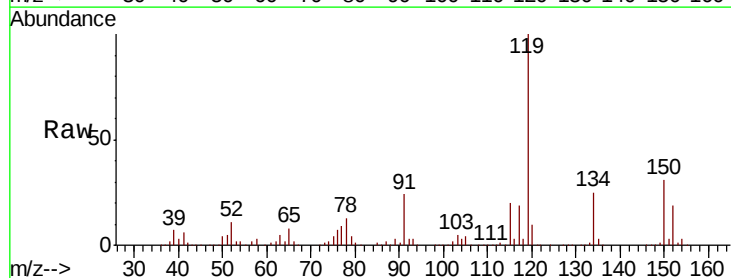
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion:105 Resp: 290358
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 48.310 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion:119 Resp: 245804
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 24.4 12.3 36.8

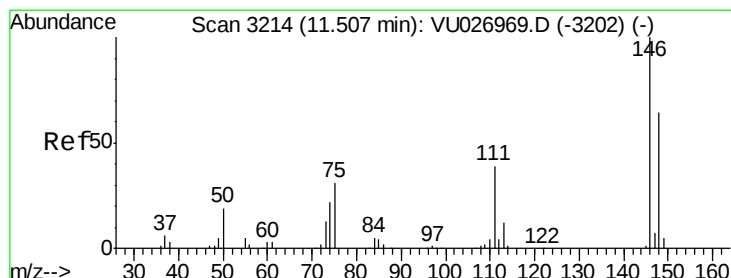
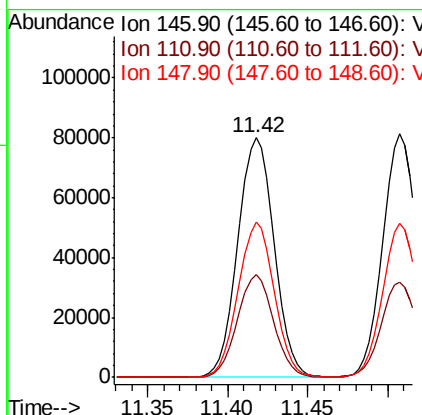
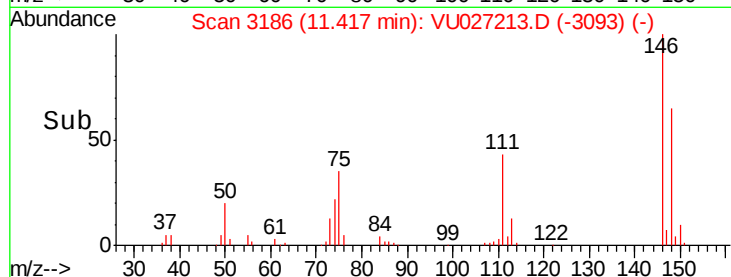
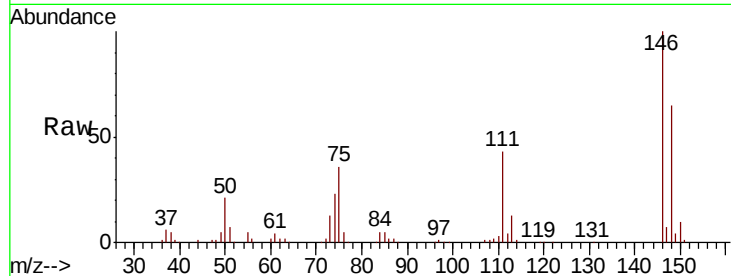




#87
 1,3-Dichlorobenzene
 Concen: 50.210 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

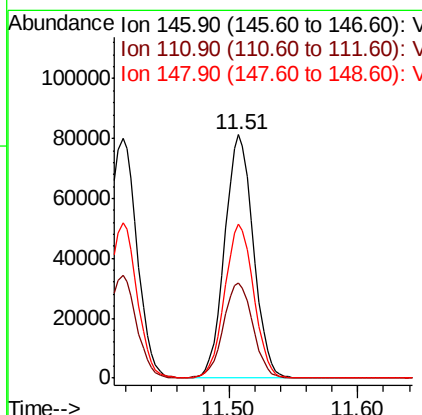
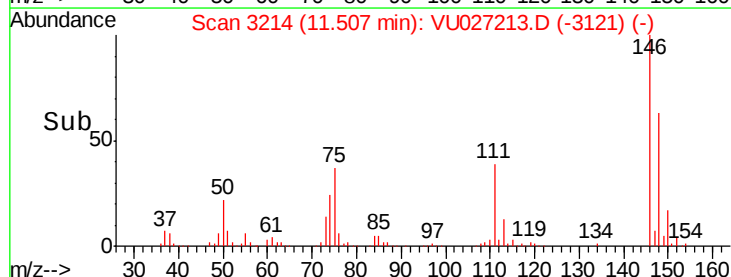
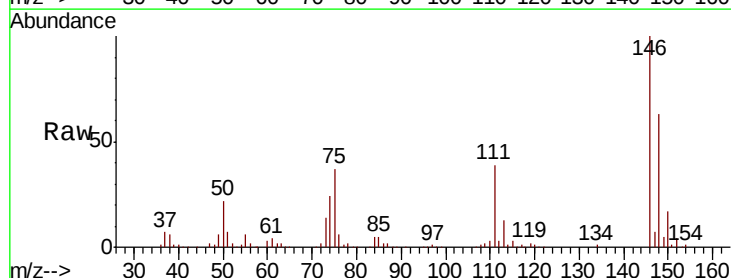
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

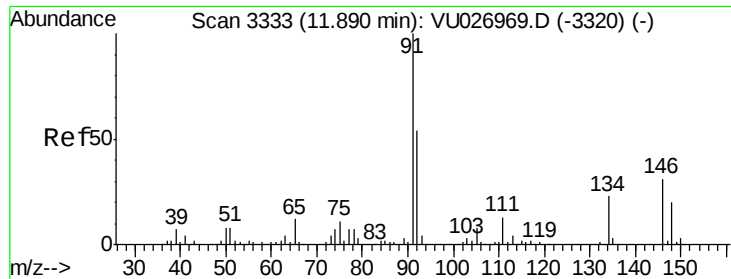
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.2
148	64.2	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.363 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.2	31.9	95.9

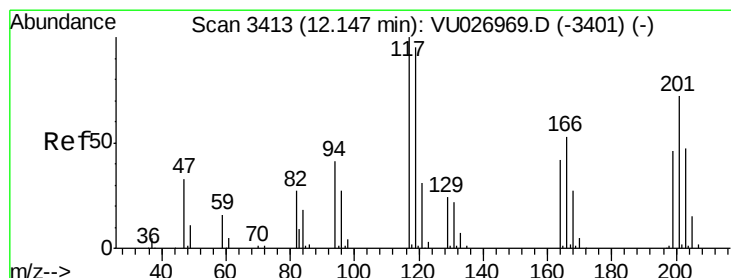
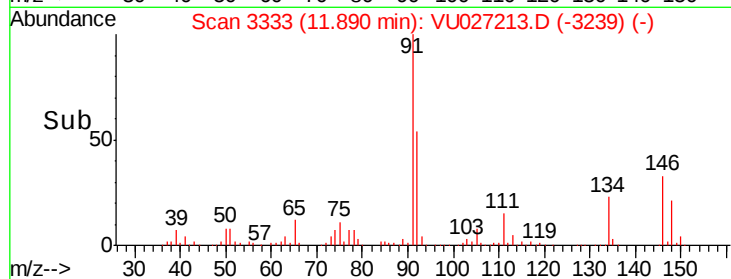
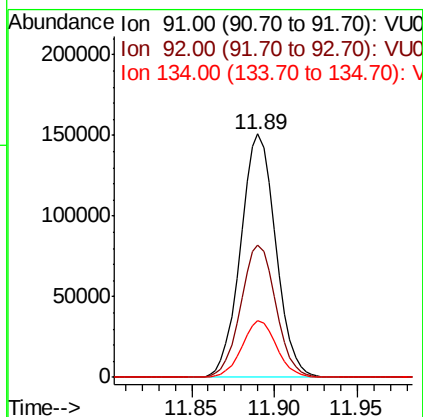
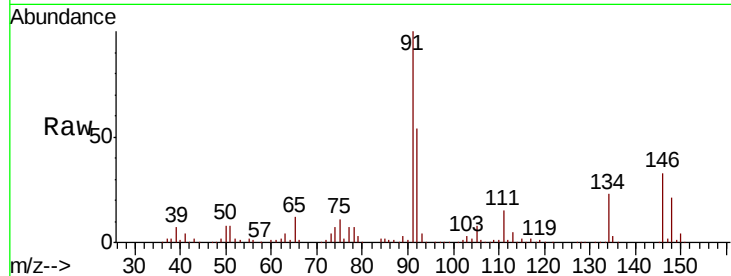




#89
n-Butylbenzene
Concen: 45.254 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

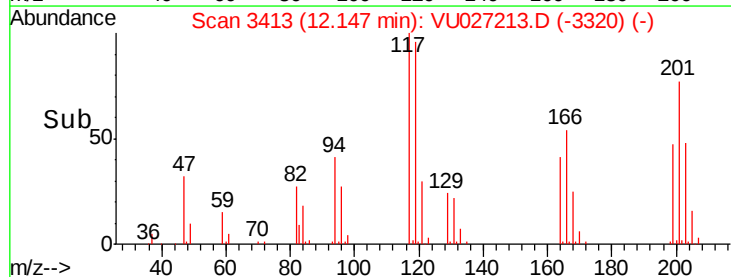
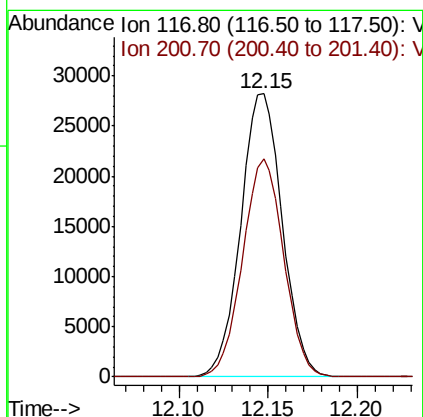
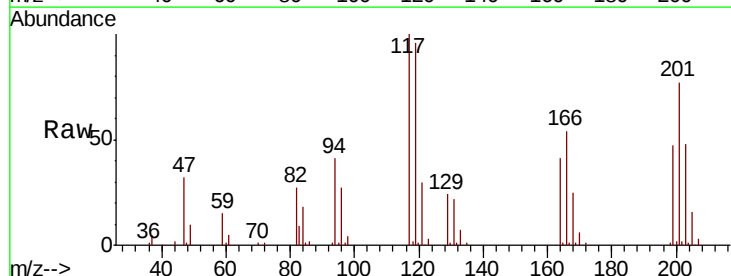
Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

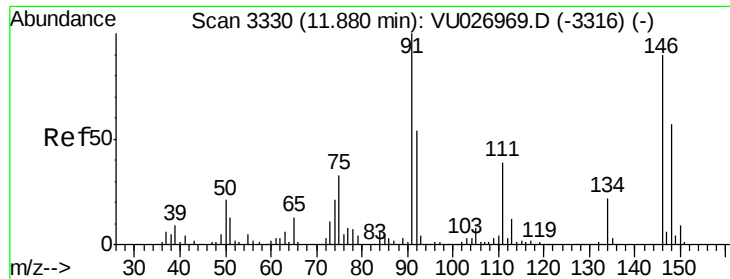
Tgt Ion: 91 Resp: 222173
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 22.9 11.7 35.0



#90
Hexachloroethane
Concen: 46.462 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion: 117 Resp: 45844
Ion Ratio Lower Upper
117 100
201 76.1 36.8 110.3

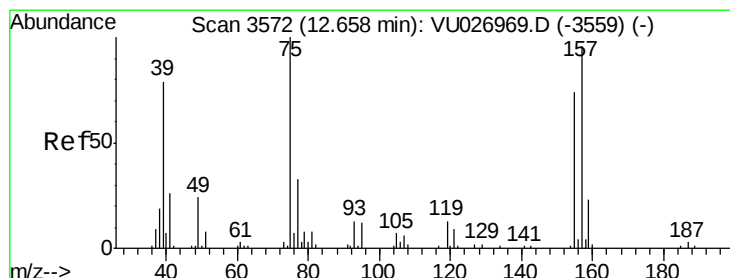
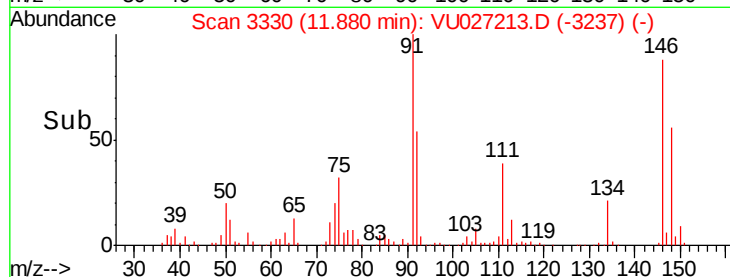
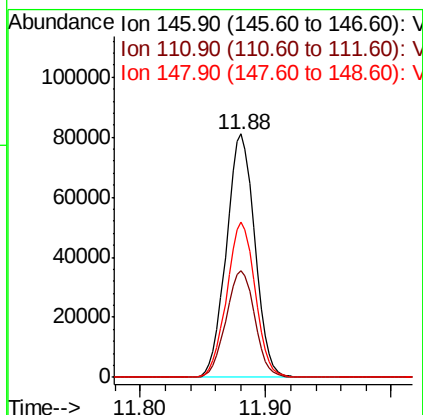
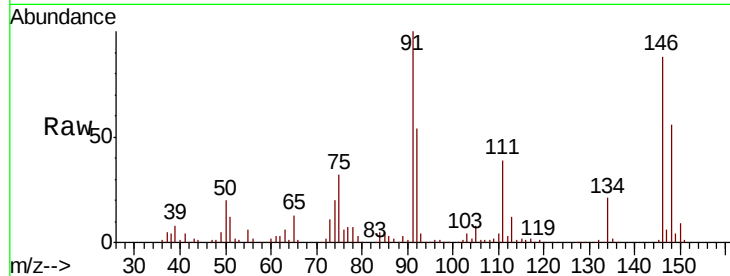




#91
 1,2-Dichlorobenzene
 Concen: 48.430 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

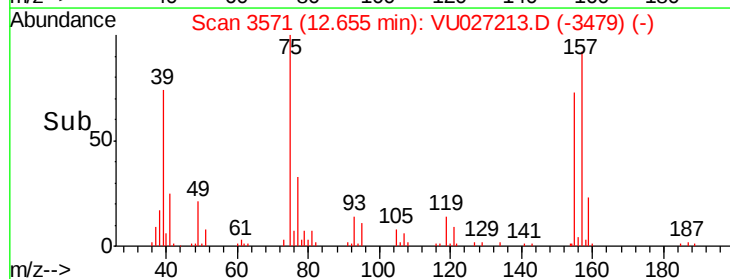
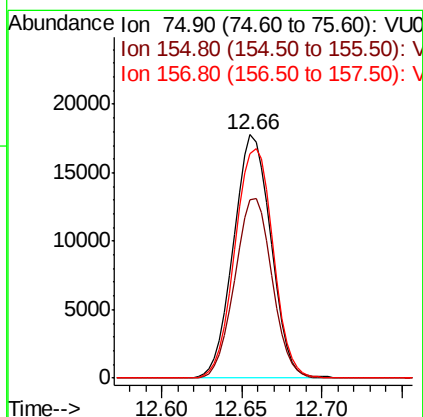
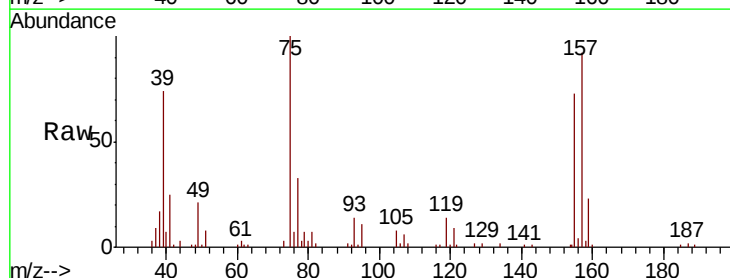
Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion:146 Resp: 127417
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.8 65.3
 148 63.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.450 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion: 75 Resp: 28327
 Ion Ratio Lower Upper
 75 100
 155 73.3 36.6 109.8
 157 96.3 47.4 142.2

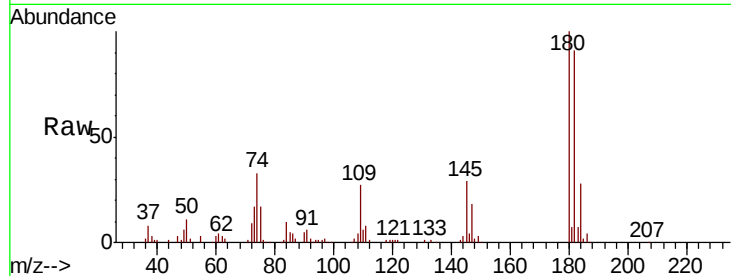




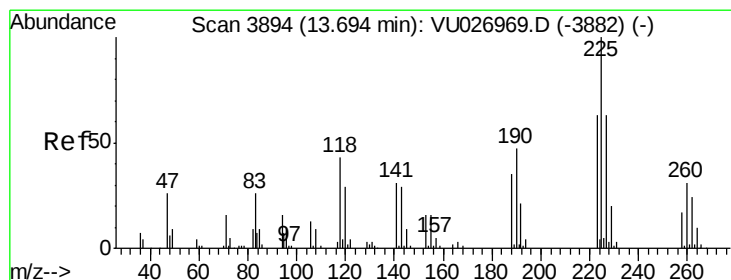
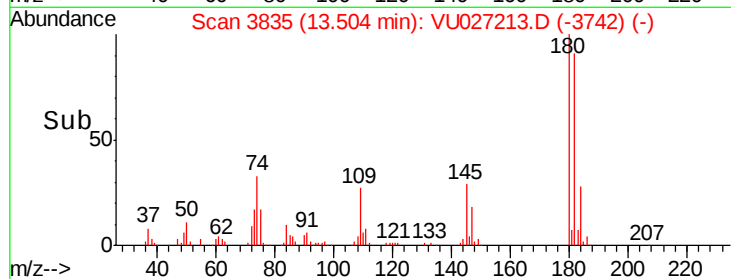
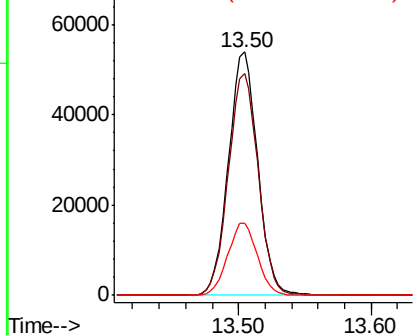
#93
 1,2,4-Trichlorobenzene
 Concen: 54.511 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tgt Ion:180 Resp: 82645
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.4 142.2
 145 30.0 14.9 44.5

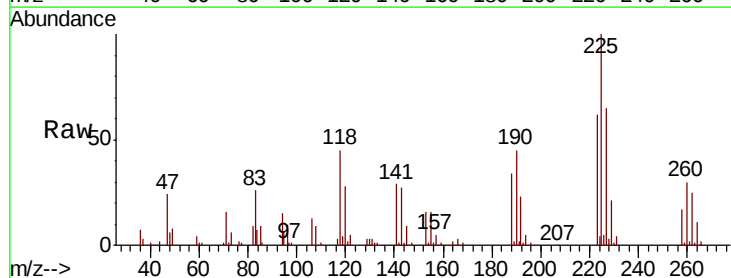


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

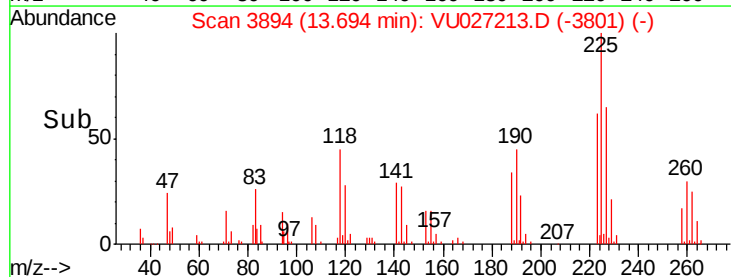
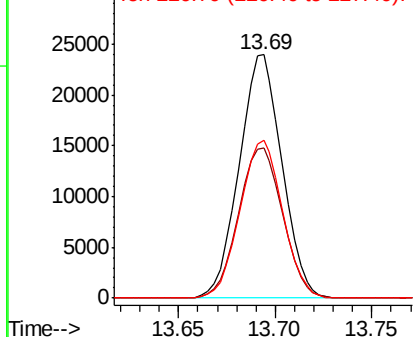


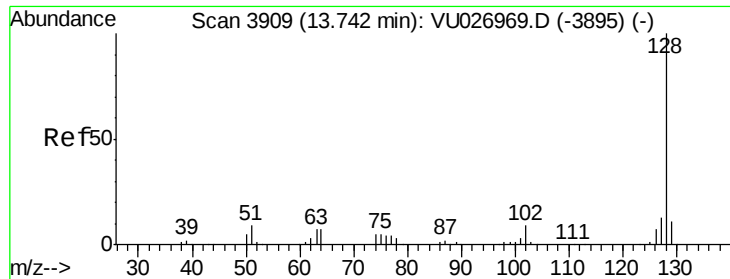
#94
 Hexachlorobutadiene
 Concen: 45.856 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027213.D
 Acq: 27 Sep 2018 05:50

Tgt Ion:225 Resp: 36786
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 64.7 32.1 96.5



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

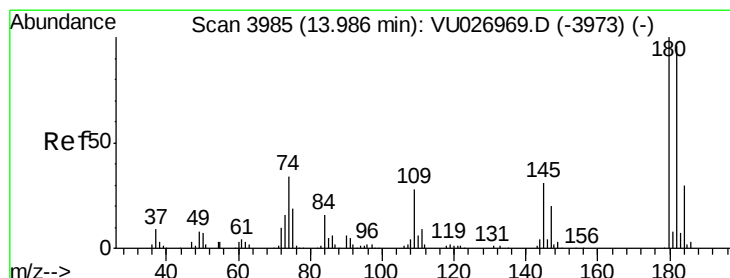
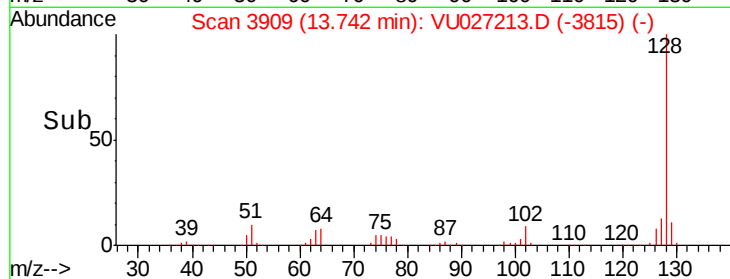
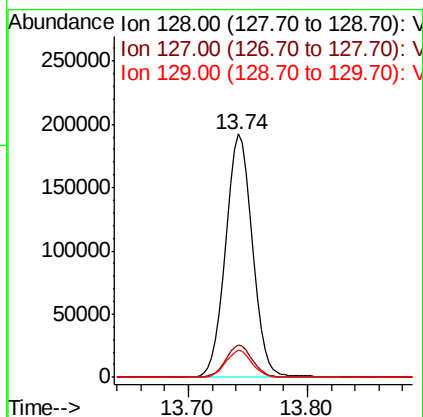
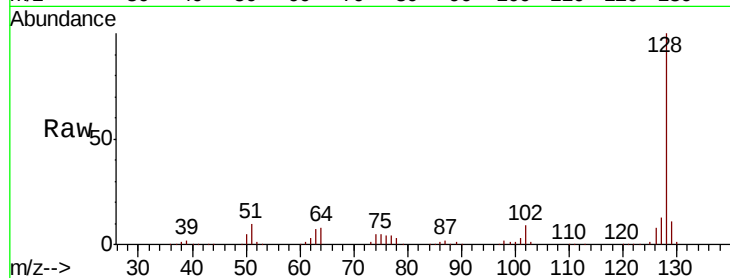




#95
Naphthalene
Concen: 50.786 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Instrument :
MSVOA_U
ClientSampleId :
CMT-22-6-SEP18MSD

Tgt Ion:128 Resp: 301212
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.913 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027213.D
Acq: 27 Sep 2018 05:50

Tgt Ion:180 Resp: 86029
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 31.7 15.4 46.4

