

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112818\
 Data File : VU028355.D
 Acq On : 28 Nov 2018 10:23
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 29 00:33:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 00:29:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	223948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	407421	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	375269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	180257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	193941	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	4.88	113	134103	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	7.56	98	549001	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	10.30	95	201114	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	156676	52.152	ug/l	100
3) Chloromethane	1.33	50	288685	49.575	ug/l	100
4) Vinyl Chloride	1.40	62	207431	50.913	ug/l	100
5) Bromomethane	1.60	94	75017	47.606	ug/l	100
6) Chloroethane	1.68	64	118914	50.723	ug/l	100
7) Trichlorofluoromethane	1.88	101	215647	50.956	ug/l	100
8) Diethyl Ether	2.10	74	95913	48.753	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	126282	51.224	ug/l	100
10) Methyl Iodide	2.41	142	121155	52.114	ug/l	100
11) Tert butyl alcohol	2.83	59	206862	243.287	ug/l	100
12) 1,1-Dichloroethene	2.28	96	121994	50.991	ug/l	100
13) Acrolein	2.19	56	185049	244.801	ug/l	100
14) Allyl chloride	2.59	41	310872	49.734	ug/l	100
15) Acrylonitrile	2.93	53	585065	260.126	ug/l	100
16) Acetone	2.32	43	561735	245.350	ug/l	100
17) Carbon Disulfide	2.47	76	456980	49.764	ug/l	100
18) Methyl Acetate	2.61	43	319702	50.153	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	502047	51.185	ug/l	100
20) Methylene Chloride	2.70	84	162324	45.827	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	143115	51.580	ug/l	100
22) Diisopropyl ether	3.57	45	641124	52.127	ug/l	100
23) Vinyl Acetate	3.52	43	2691022	263.072	ug/l	100
24) 1,1-Dichloroethane	3.44	63	317809	52.379	ug/l	100
25) 2-Butanone	4.26	43	839016	255.700	ug/l	100
26) 2,2-Dichloropropane	4.22	77	247176	51.295	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	164566	50.151	ug/l	100
28) Bromochloromethane	4.55	49	158678	52.303	ug/l	100
29) Tetrahydrofuran	4.63	42	557093	261.496	ug/l	100
30) Chloroform	4.67	83	281674	50.295	ug/l	100
31) Cyclohexane	4.99	56	315663	43.830	ug/l	100
32) 1,1,1-Trichloroethane	4.91	97	230903	51.381	ug/l	100
36) 1,1-Dichloropropene	5.13	75	216054	48.461	ug/l	100
37) Ethyl Acetate	4.38	43	311309	51.238	ug/l	100
38) Carbon Tetrachloride	5.13	117	181211	49.496	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	269854	51.338	ug/l	100
40) Benzene	5.39	78	681352	51.600	ug/l	100
41) Methacrylonitrile	4.54	41	178171	52.805	ug/l	100
42) 1,2-Dichloroethane	5.40	62	242720	51.025	ug/l	100
43) Isopropyl Acetate	5.55	43	497241	51.646	ug/l	100
44) Trichloroethene	6.18	130	144215	50.952	ug/l	100
45) 1,2-Dichloropropane	6.43	63	198709	51.388	ug/l	100
46) Dibromomethane	6.56	93	113706	51.193	ug/l	100
47) Bromodichloromethane	6.76	83	221235	50.077	ug/l	100
48) Methyl methacrylate	6.62	41	251666	50.181	ug/l	100
49) 1,4-Dioxane	6.61	88	79257	989.244	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	1582970	257.427	ug/l	100
52) Toluene	7.64	92	394734	51.912	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	266231	50.396	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	283378	50.071	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	158661	50.136	ug/l	100
56) Ethyl methacrylate	8.02	69	283569	52.672	ug/l	100
57) 1,3-Dichloropropane	8.24	76	292791	50.452	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	766273	265.107	ug/l	100
59) 2-Hexanone	8.36	43	1227477	257.701	ug/l	100
60) Dibromochloromethane	8.48	129	151473	50.327	ug/l	100
61) 1,2-Dibromoethane	8.58	107	168470	51.978	ug/l	100
64) Tetrachloroethene	8.22	164	123259	49.933	ug/l	100
65) Chlorobenzene	9.12	112	398844	51.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	135955	50.901	ug/l	100
67) Ethyl Benzene	9.25	91	758820	51.705	ug/l	100
68) m/p-Xylenes	9.37	106	552564	104.605	ug/l	100
69) o-Xylene	9.78	106	270610	51.533	ug/l	100
70) Styrene	9.79	104	446074	52.671	ug/l	100
71) Bromoform	9.96	173	115588	51.487	ug/l #	100
73) Isopropylbenzene	10.17	105	718460	51.247	ug/l	100
74) N-amyl acetate	10.01	43	447143	50.906	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	288727	50.081	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	346471	70.202	ug/l	78
77) Bromobenzene	10.45	156	166645	50.446	ug/l	100
78) n-propylbenzene	10.59	91	893306	51.652	ug/l	100
79) 2-Chlorotoluene	10.66	91	524703	51.465	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	603941	51.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	346471	144.315	ug/l #	100
82) 4-Chlorotoluene	10.77	91	597117	50.833	ug/l	100
83) tert-Butylbenzene	11.10	119	575474	52.253	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	623873	52.136	ug/l	100
85) sec-Butylbenzene	11.32	105	729225	50.979	ug/l	100
86) p-Isopropyltoluene	11.48	119	609393	51.811	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	301474	50.037	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	308478	50.873	ug/l	100
89) n-Butylbenzene	11.89	91	614444	52.932	ug/l	100
90) Hexachloroethane	12.14	117	94296	51.352	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	305748	50.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	64113	49.996	ug/l	100

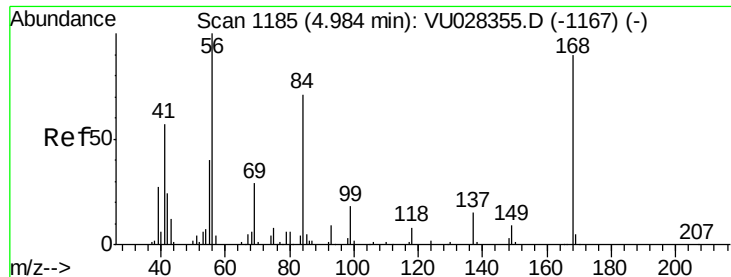
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU112818\
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Acq On : 28 Nov 2018 10:23
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QLast Update : Thu Nov 29 00:29:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	201587	51.232	ug/l	100
94) Hexachlorobutadiene	13.69	225	94937	51.097	ug/l	100
95) Naphthalene	13.74	128	723070	54.036	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	208274	52.336	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: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

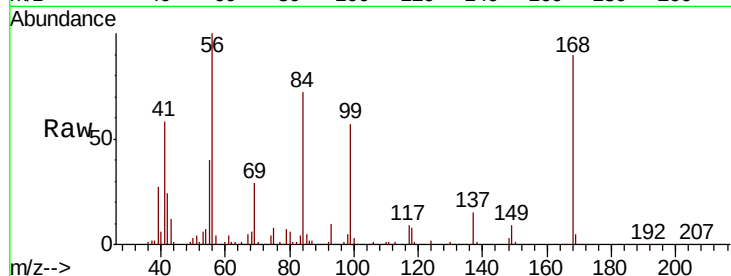
VSTDICCC050

Tgt Ion:168 Resp: 223948

Ion Ratio Lower Upper

168 100

99 62.0 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

100000

80000

60000

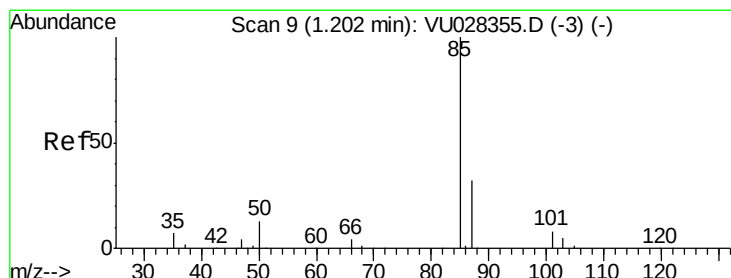
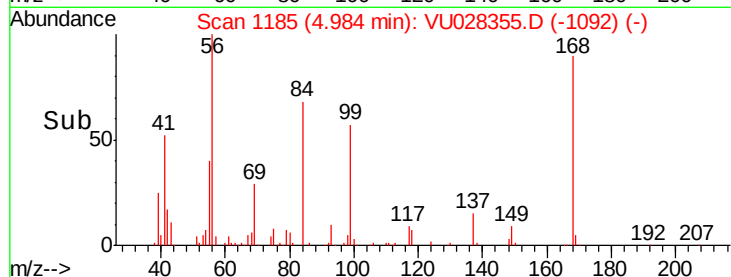
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 52.152 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU028355.D

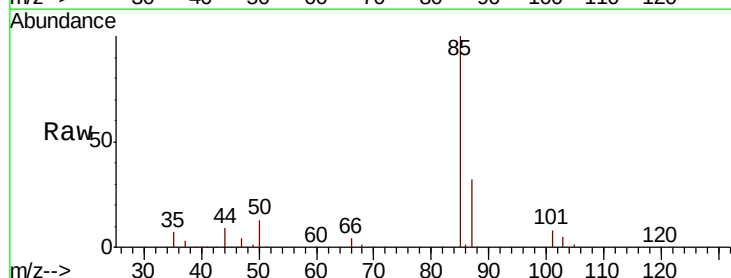
Acq: 28 Nov 2018 10:23

Tgt Ion: 85 Resp: 156676

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VU028355.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028355.D (-3) (-)

1.20

150000

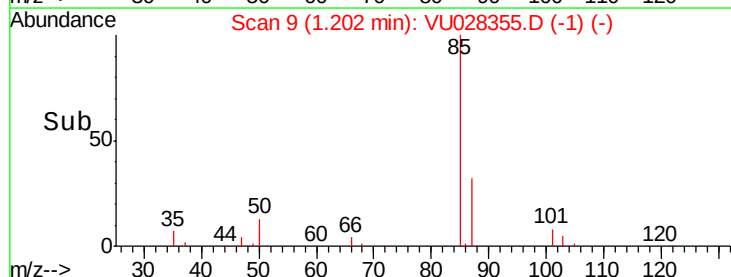
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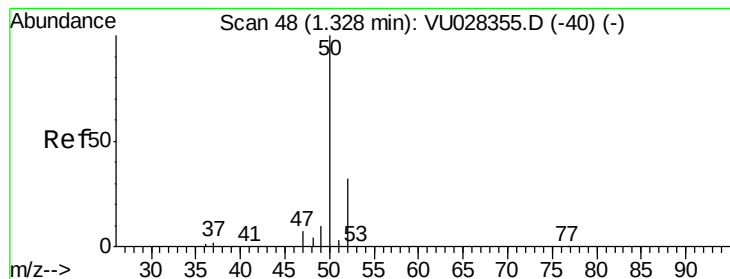
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 49.575 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

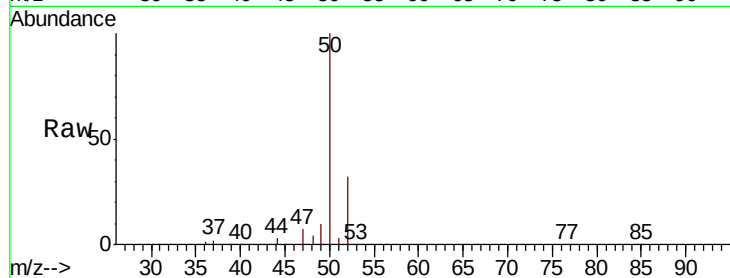
VSTDICCC050

Tgt Ion: 50 Resp: 288685

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VU028355.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028355.D (-40) (-)

1.33

250000

200000

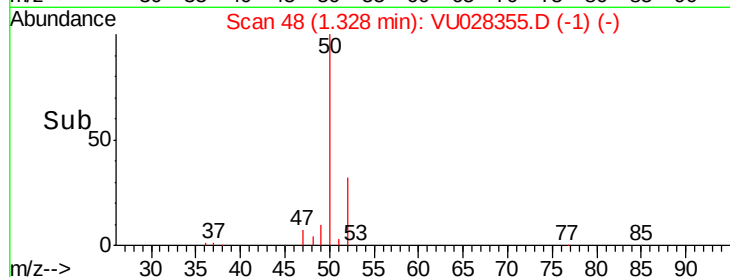
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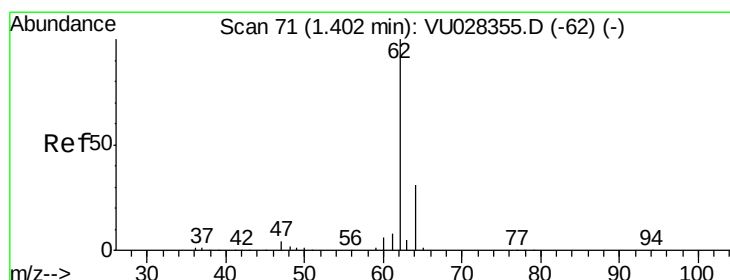
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Time-->



Time-->



#4

Vinyl Chloride

Concen: 50.913 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028355.D

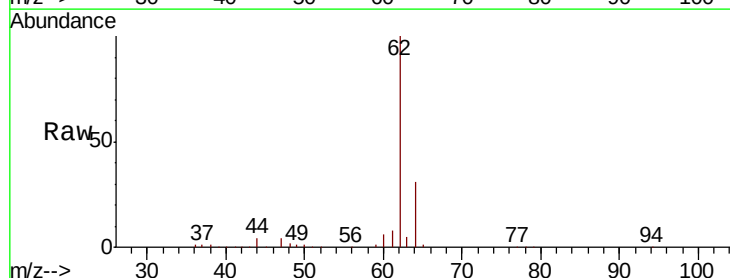
Acq: 28 Nov 2018 10:23

Tgt Ion: 62 Resp: 207431

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU028355.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028355.D (-62) (-)

1.40

200000

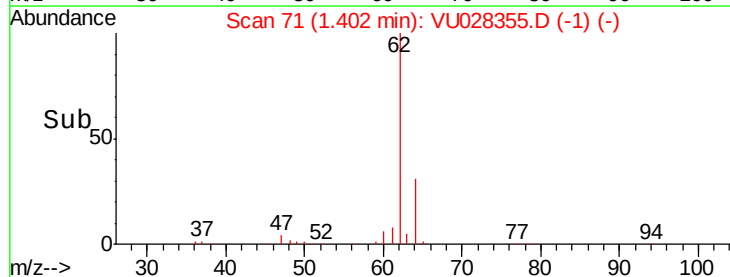
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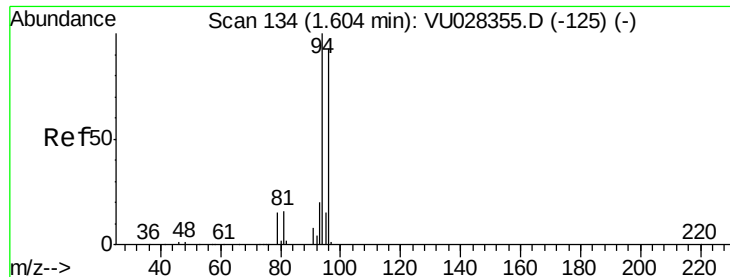
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 47.606 ug/l

RT: 1.60 min Scan# 134

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

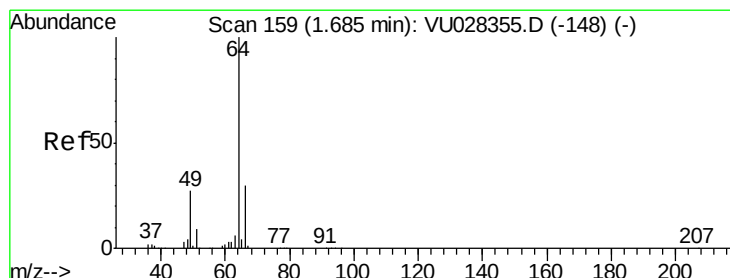
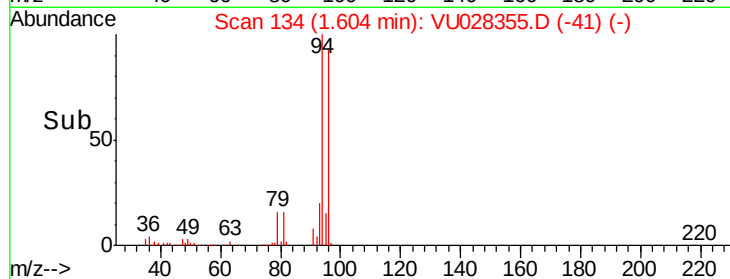
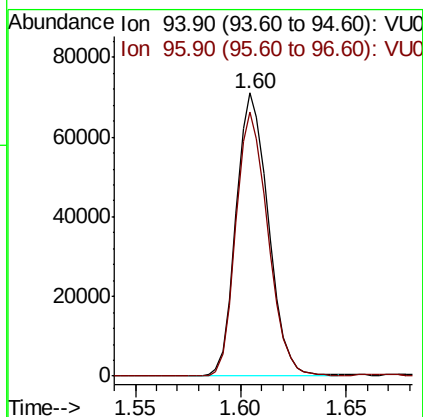
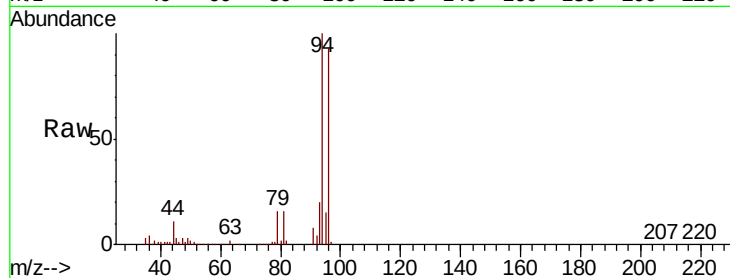
VSTDICCC050

Tgt Ion: 94 Resp: 75017

Ion Ratio Lower Upper

94 100

96 93.3 74.6 112.0



#6

Chloroethane

Concen: 50.723 ug/l

RT: 1.68 min Scan# 159

Delta R.T. 0.00 min

Lab File: VU028355.D

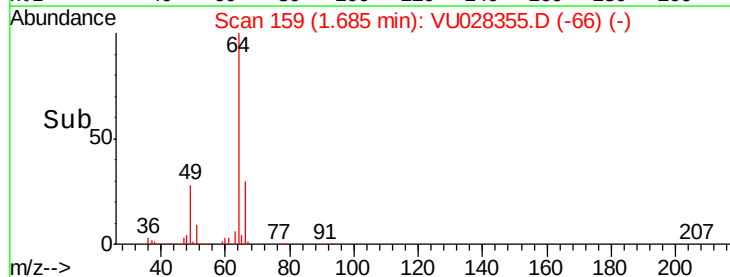
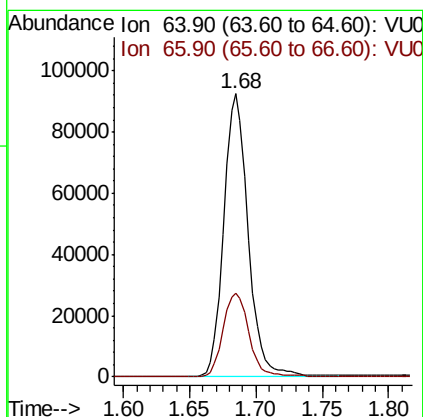
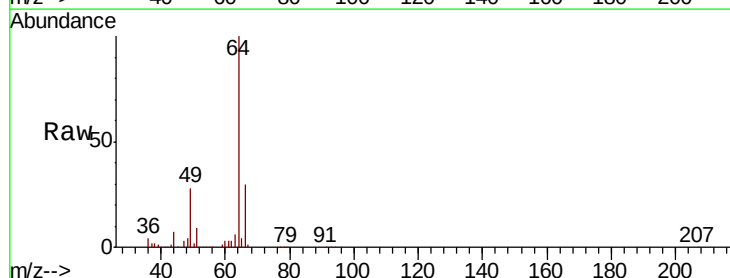
Acq: 28 Nov 2018 10:23

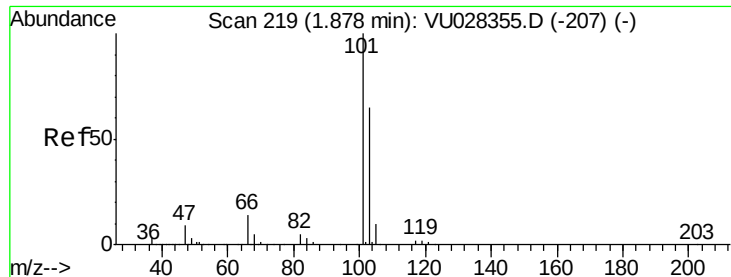
Tgt Ion: 64 Resp: 118914

Ion Ratio Lower Upper

64 100

66 29.5 23.6 35.4



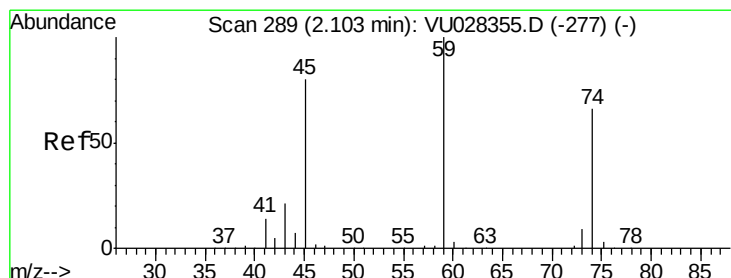
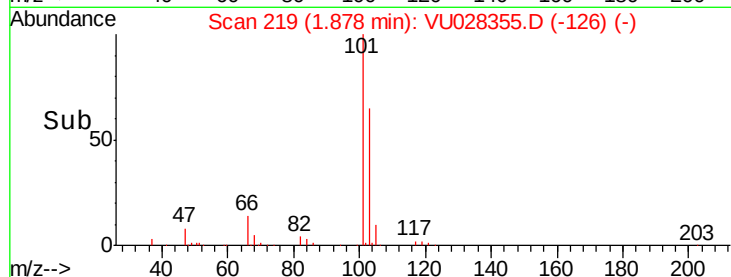
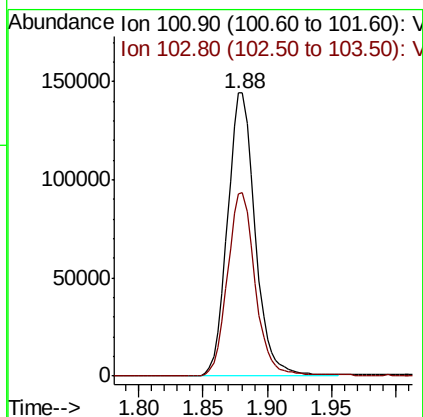
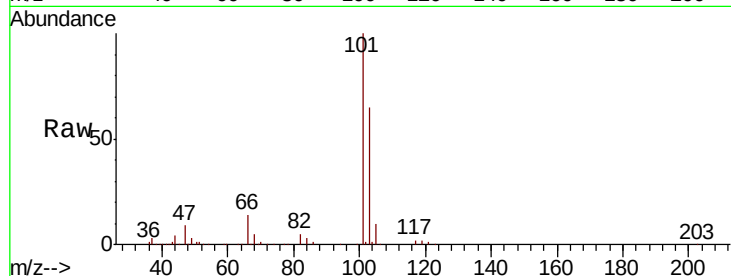


#7

Trichlorofluoromethane
 Concen: 50.956 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Instrument :
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 ClientSampleId :
 VSTDICCC050

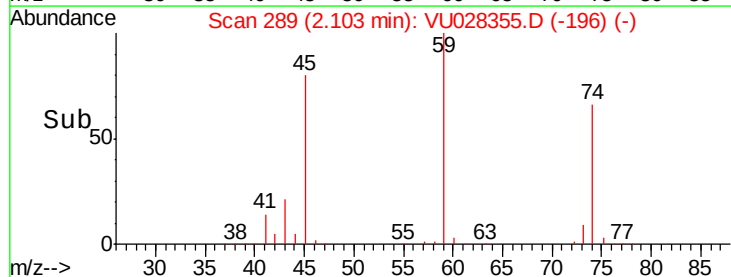
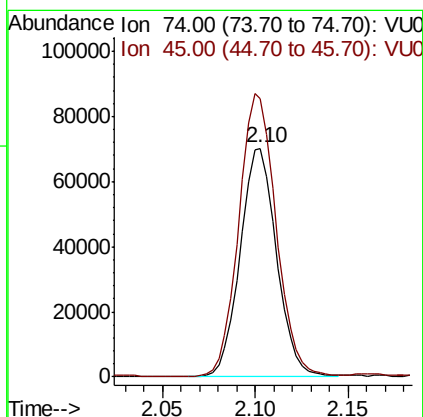
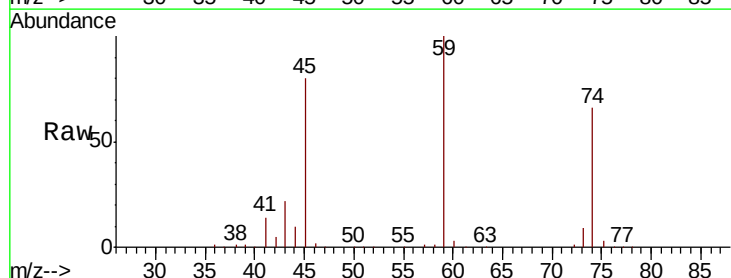
Tgt Ion:101 Resp: 215647
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

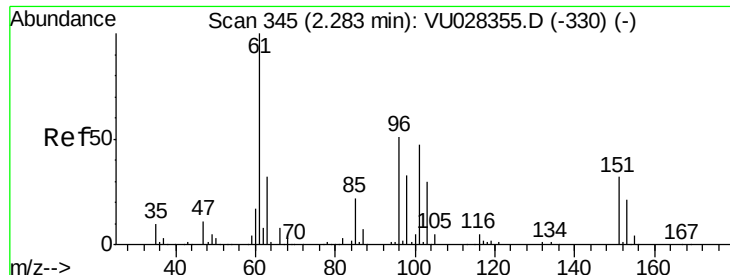


#8

Diethyl Ether
 Concen: 48.753 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 74 Resp: 95913
 Ion Ratio Lower Upper
 74 100
 45 126.1 63.0 189.1

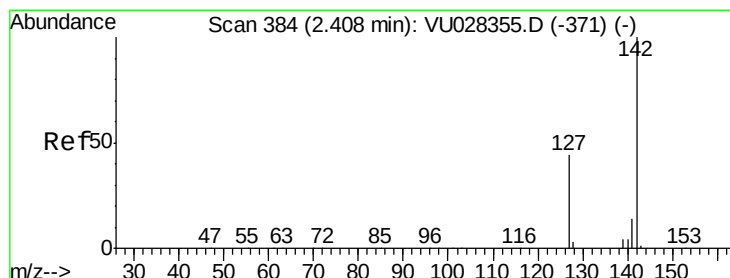
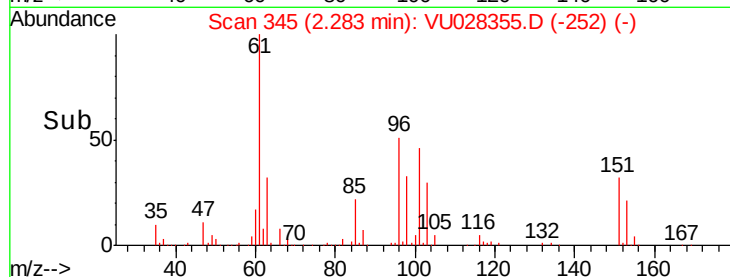
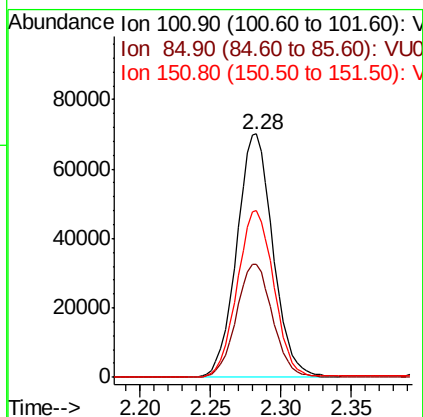
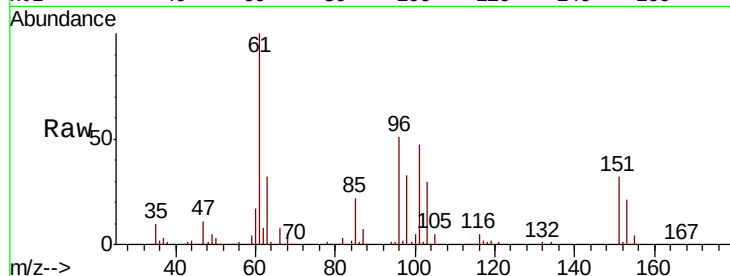




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.224 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

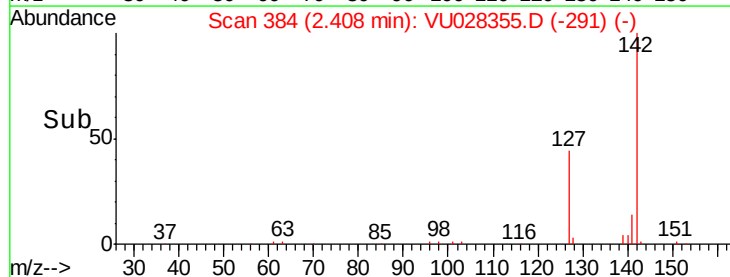
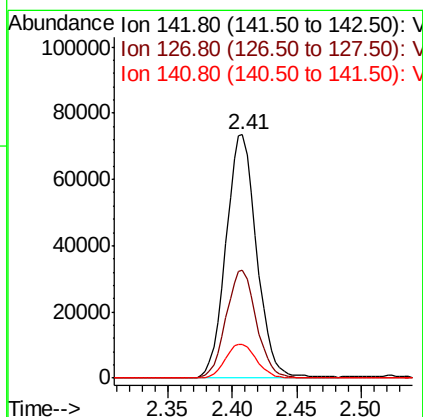
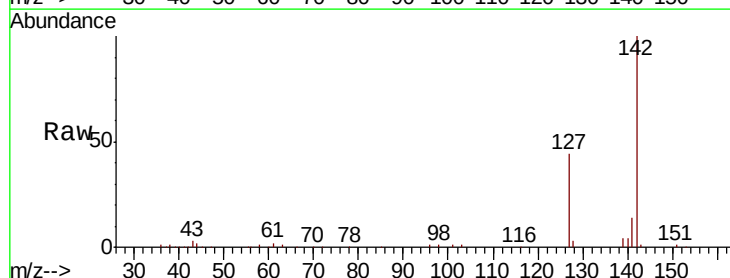
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

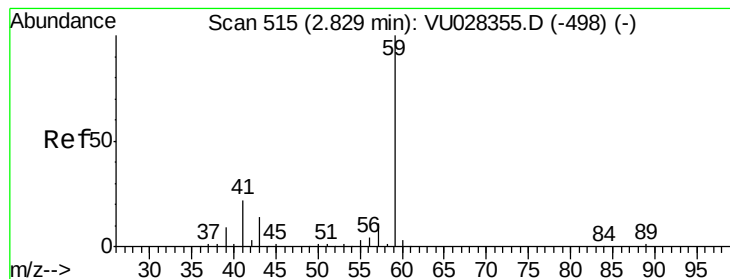
Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.5	37.2	55.8
151	69.2	55.4	83.0



#10
 Methyl Iodide
 Concen: 52.114 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.8	35.0	52.6
141	14.0	11.2	16.8



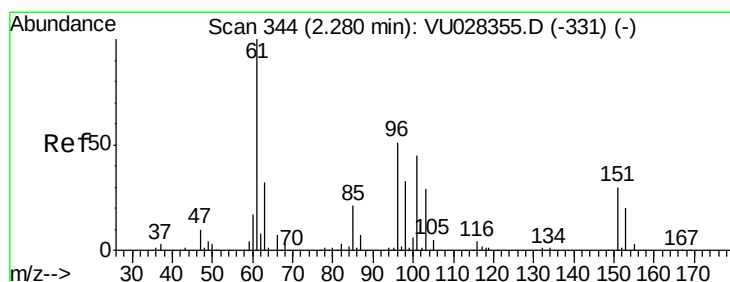
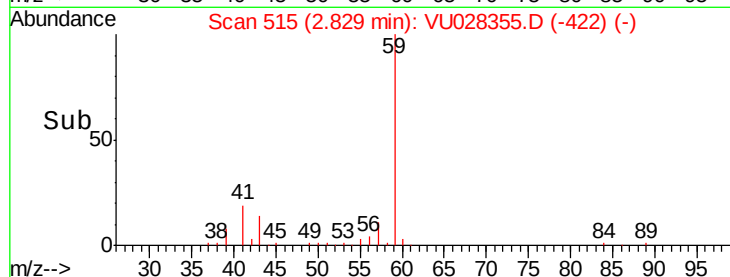
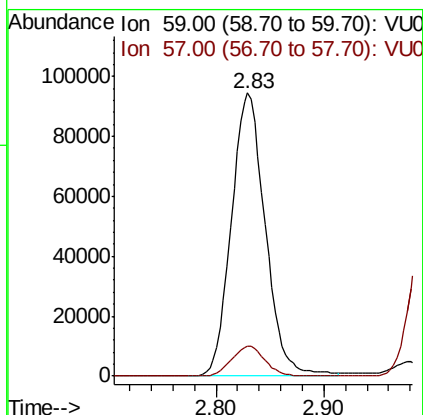
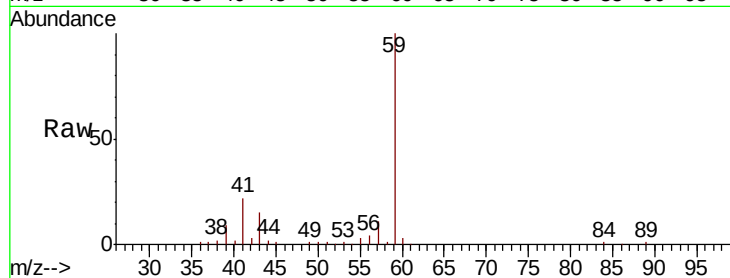


#11

Tert butyl alcohol
Concen: 243.287 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

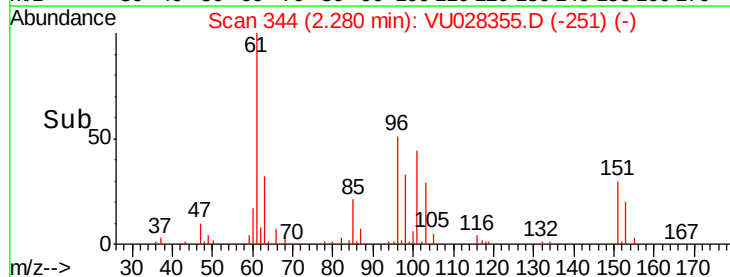
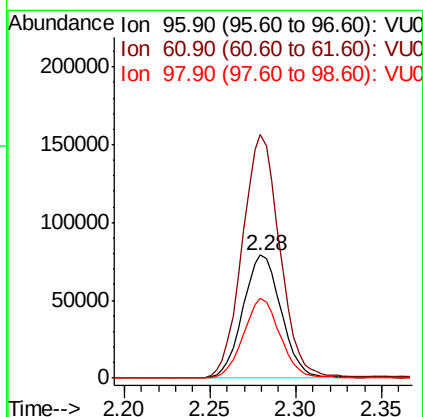
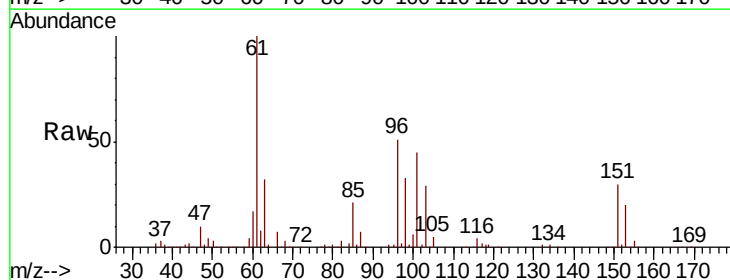
Tgt Ion: 59 Resp: 206862
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

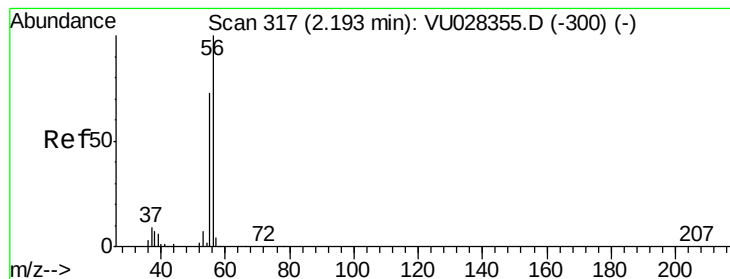


#12

1,1-Dichloroethene
Concen: 50.991 ug/l
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 96 Resp: 121994
Ion Ratio Lower Upper
96 100
61 197.6 158.1 237.1
98 64.3 51.4 77.2





#13

Acrolein

Concen: 244.801 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

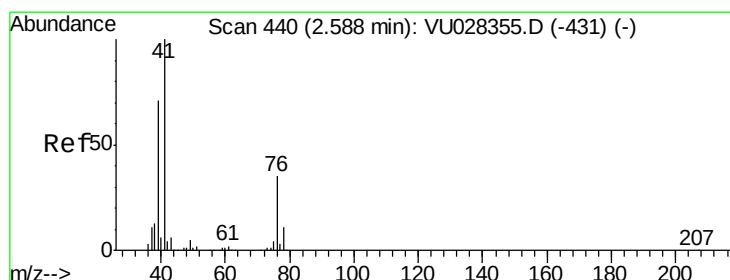
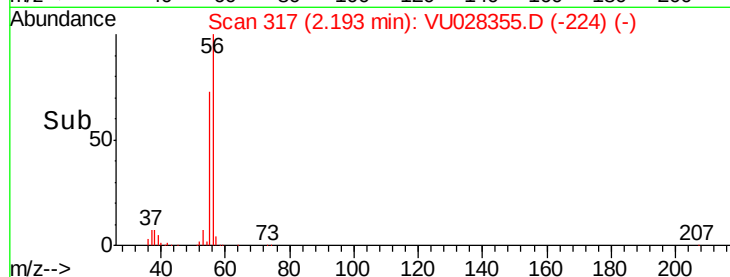
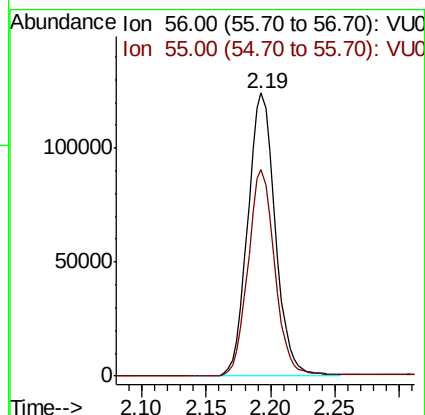
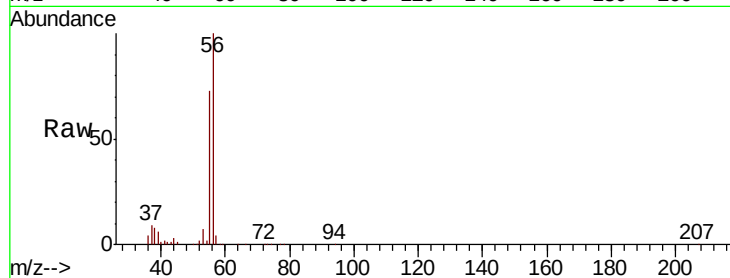
VSTDICCC050

Tgt Ion: 56 Resp: 185049

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 49.734 ug/l

RT: 2.59 min Scan# 440

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

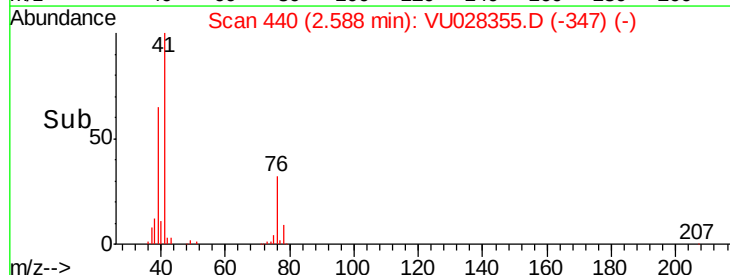
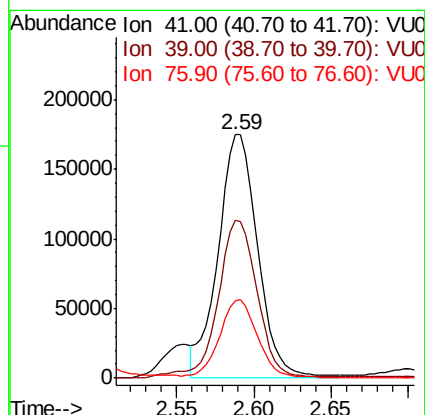
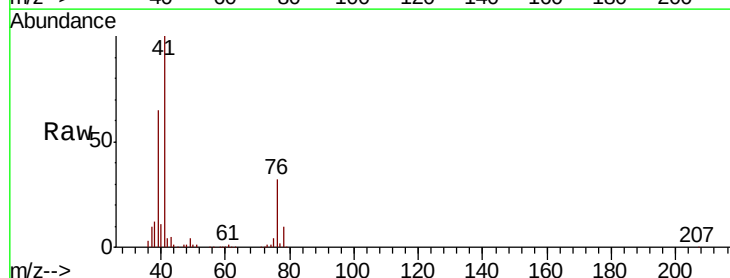
Tgt Ion: 41 Resp: 310872

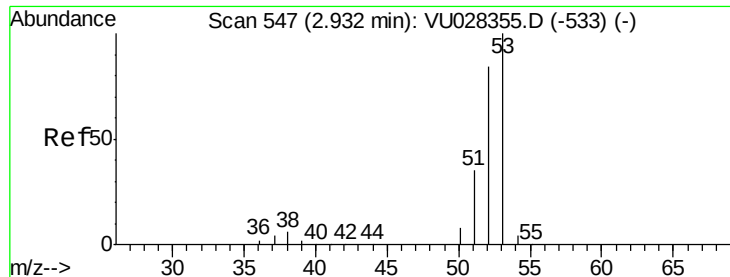
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 30.5 24.4 36.6





#15

Acrylonitrile

Concen: 260.126 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

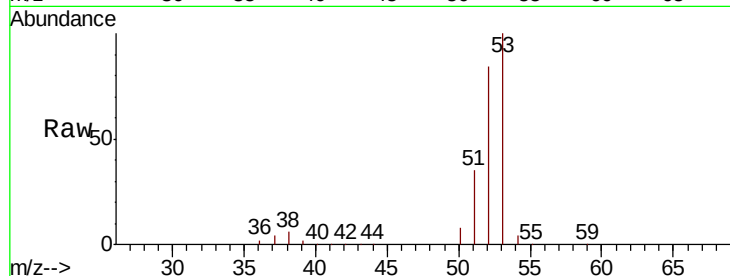
Tgt Ion: 53 Resp: 585065

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

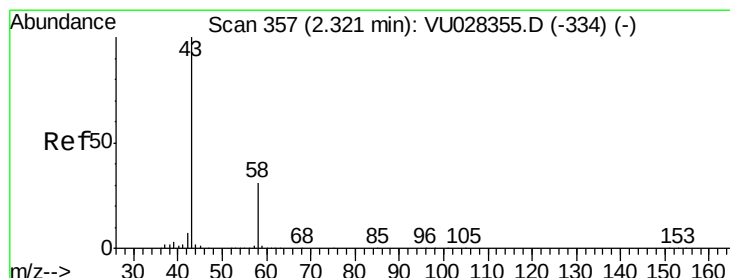
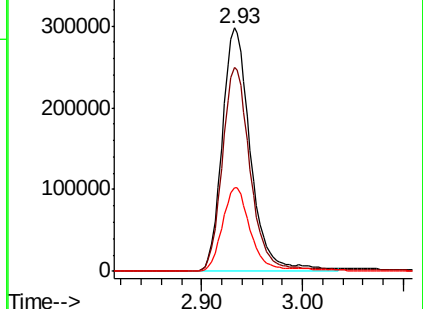
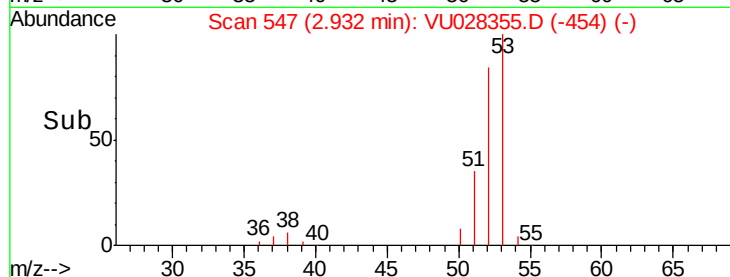
51 34.7 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 245.350 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028355.D

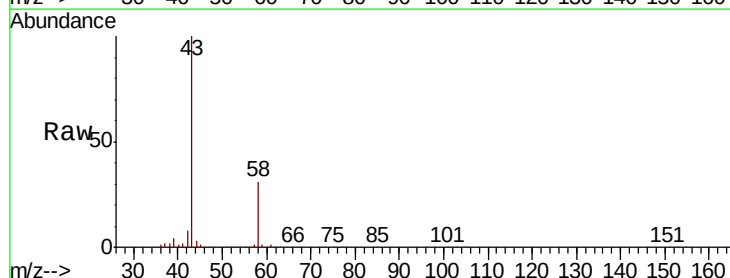
Acq: 28 Nov 2018 10:23

Tgt Ion: 43 Resp: 561735

Ion Ratio Lower Upper

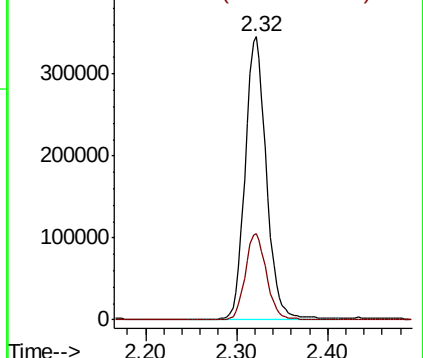
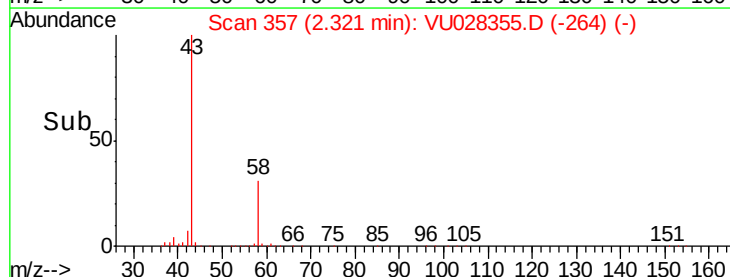
43 100

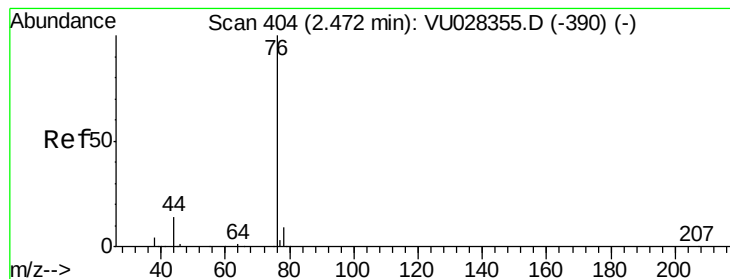
58 30.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 49.764 ug/l

RT: 2.47 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

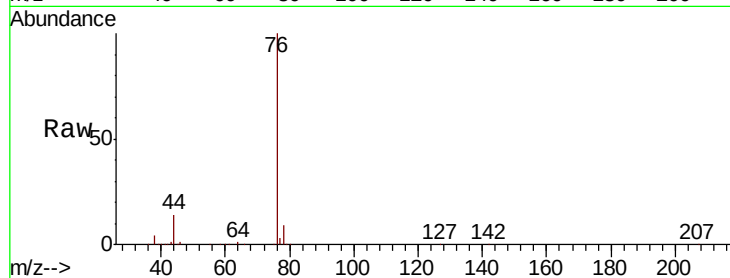
VSTDICCC050

Tgt Ion: 76 Resp: 456980

Ion Ratio Lower Upper

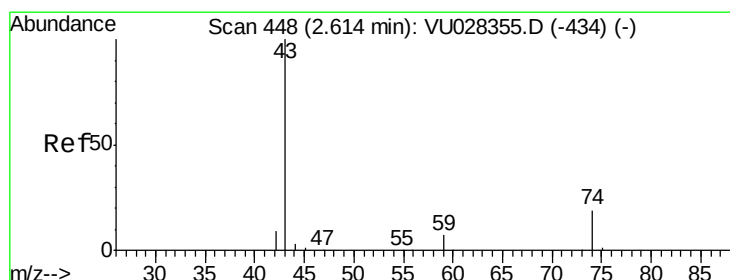
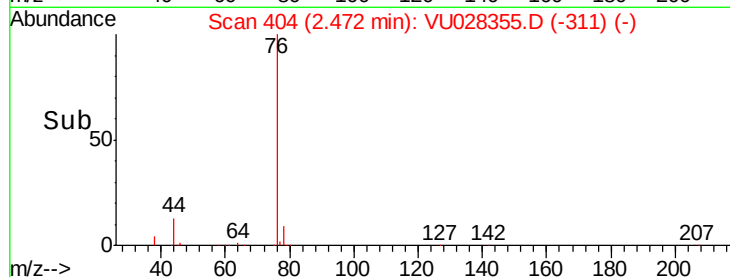
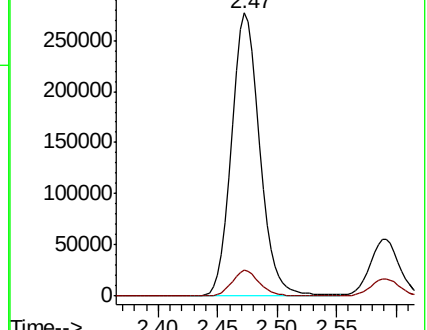
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VU028355.D (-390) (-)

Ion 77.90 (77.60 to 78.60): VU028355.D (-390) (-)



#18

Methyl Acetate

Concen: 50.153 ug/l

RT: 2.61 min Scan# 448

Delta R.T. 0.00 min

Lab File: VU028355.D

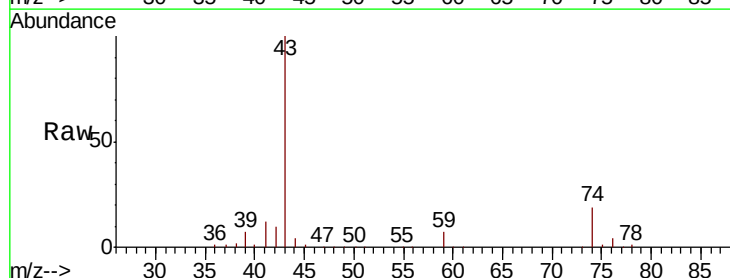
Acq: 28 Nov 2018 10:23

Tgt Ion: 43 Resp: 319702

Ion Ratio Lower Upper

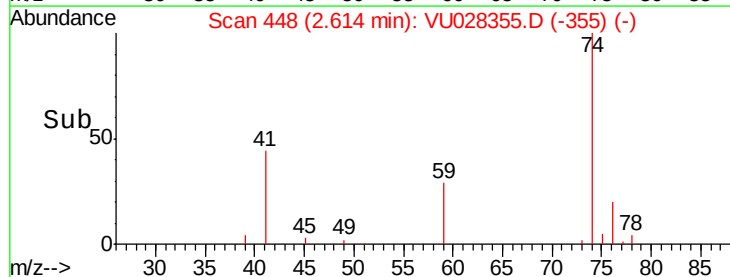
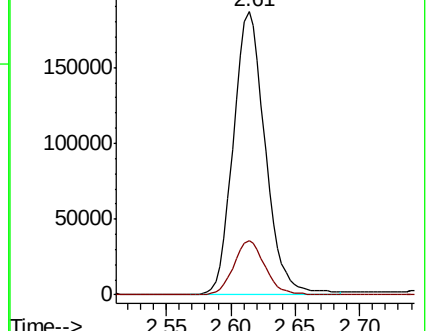
43 100

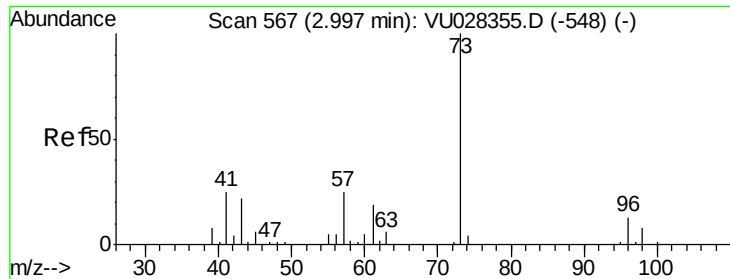
74 19.1 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.30): VU028355.D (-434) (-)

Ion 74.00 (73.70 to 74.30): VU028355.D (-434) (-)



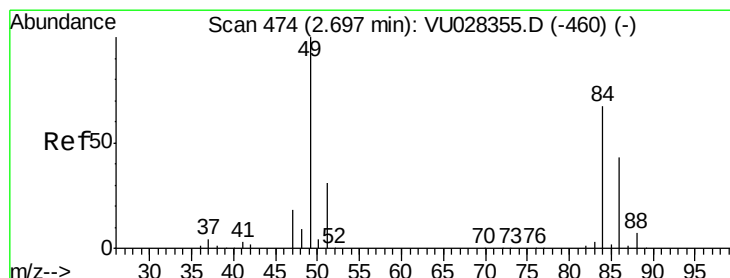
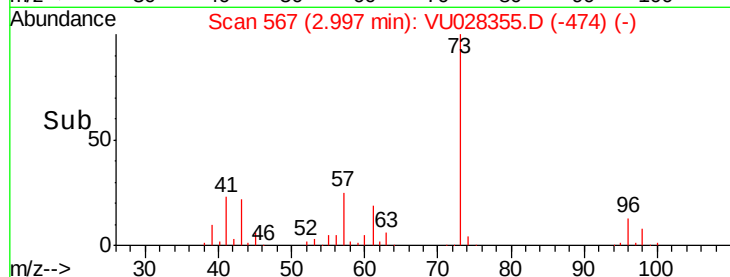
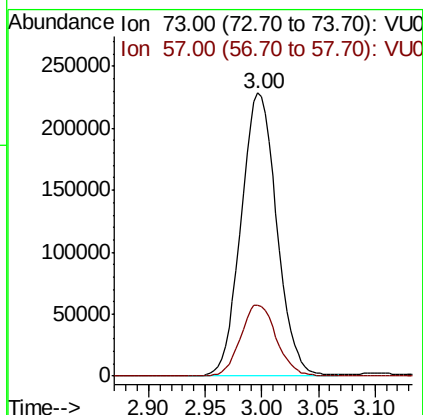
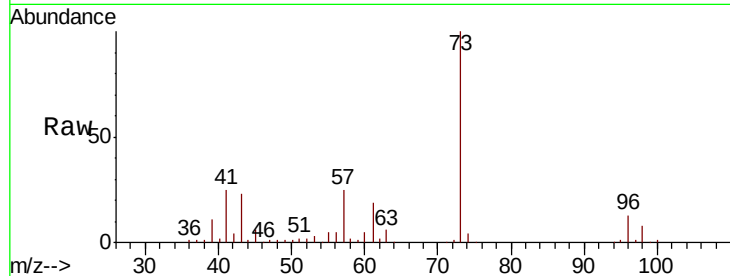


#19

Methyl tert-butyl Ether
 Concen: 51.185 ug/l
 RT: 3.00 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

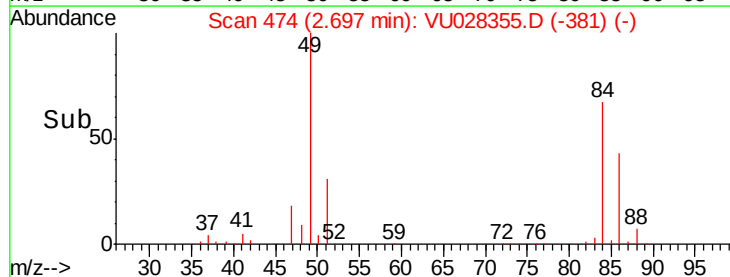
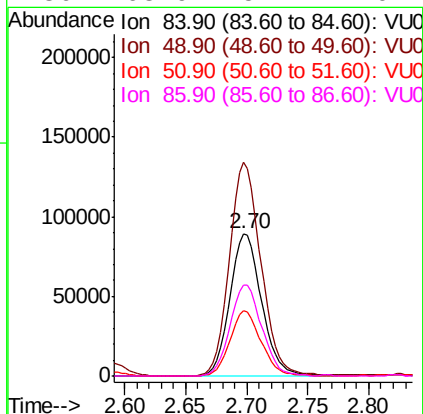
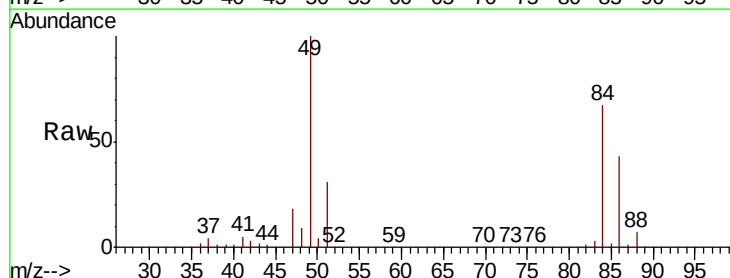
Tgt Ion: 73 Resp: 502047
 Ion Ratio Lower Upper
 73 100
 57 25.1 20.1 30.1

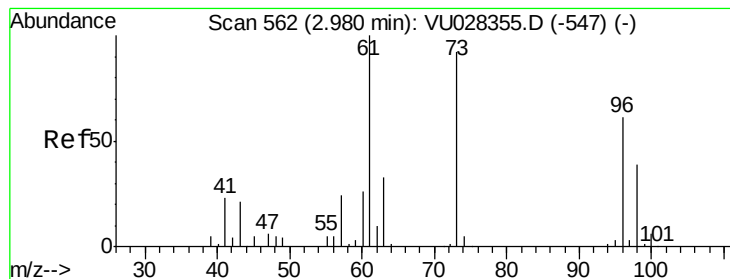


#20

Methylene Chloride
 Concen: 45.827 ug/l
 RT: 2.70 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 84 Resp: 162324
 Ion Ratio Lower Upper
 84 100
 49 150.0 120.0 180.0
 51 46.1 36.9 55.3
 86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.580 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

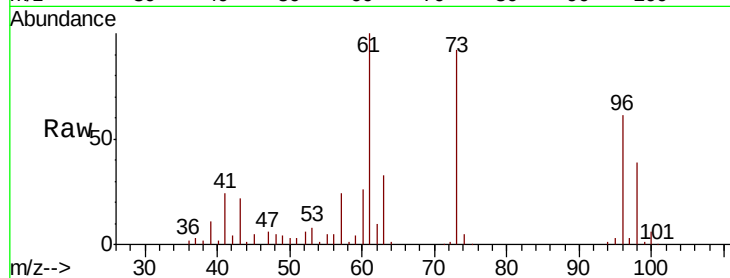
Tgt Ion: 96 Resp: 143115

Ion Ratio Lower Upper

96 100

61 163.9 131.1 196.7

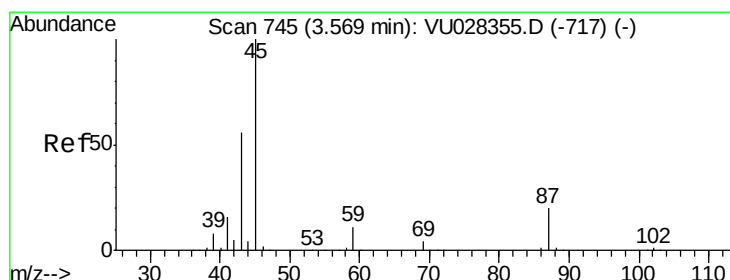
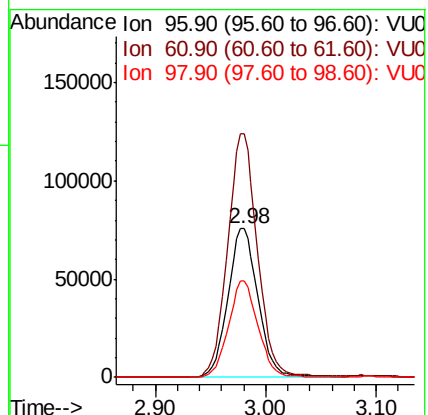
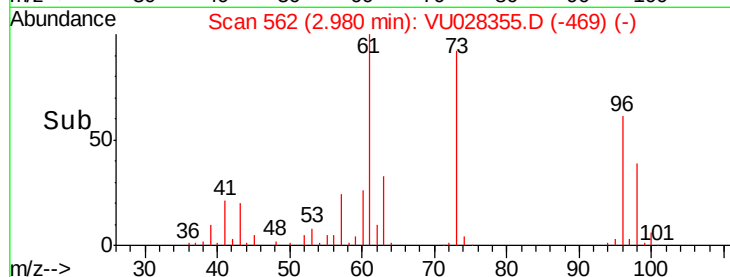
98 64.6 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 52.127 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Tgt Ion: 45 Resp: 641124

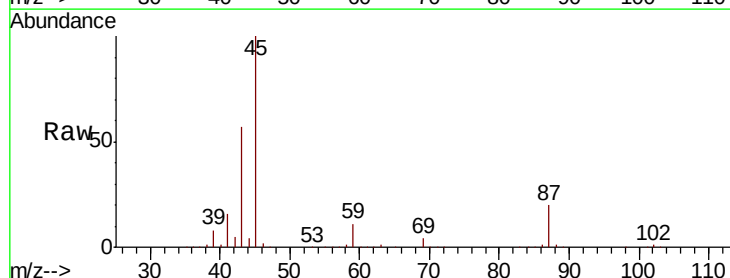
Ion Ratio Lower Upper

45 100

43 56.0 44.8 67.2

87 20.4 16.3 24.5

59 10.7 8.6 12.8

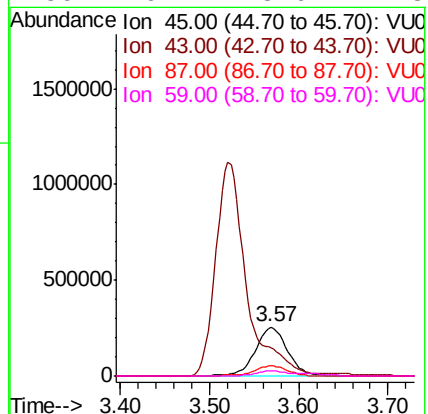
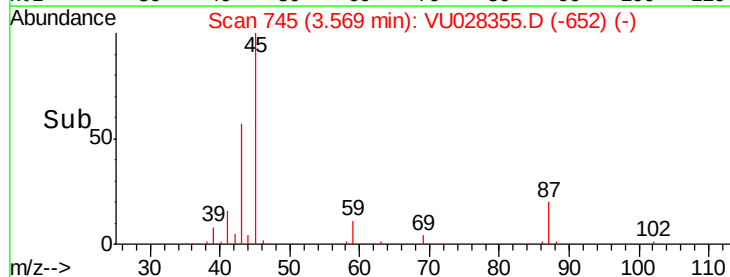


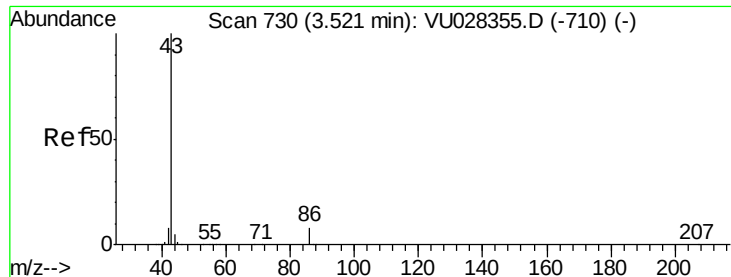
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 263.072 ug/l

RT: 3.52 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

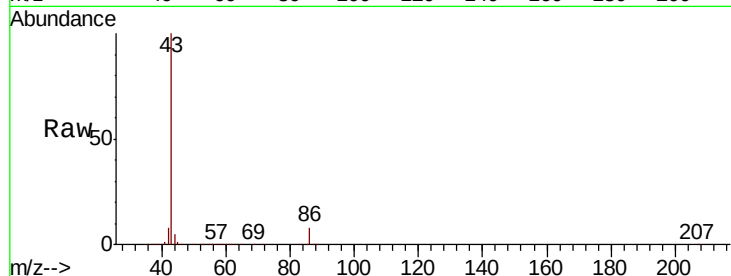
VSTDICCC050

Tgt Ion: 43 Resp: 2691022

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.52

1200000

1000000

800000

600000

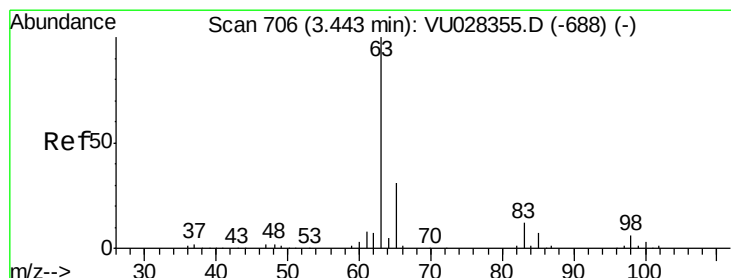
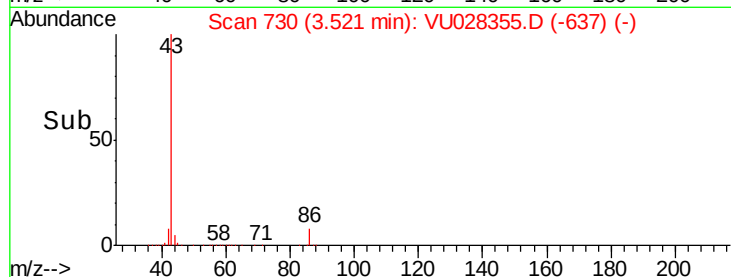
400000

200000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 52.379 ug/l

RT: 3.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

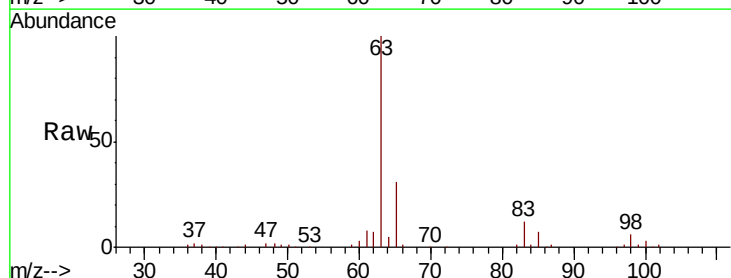
Tgt Ion: 63 Resp: 317809

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 3.4 1.7 5.1



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

3.44

150000

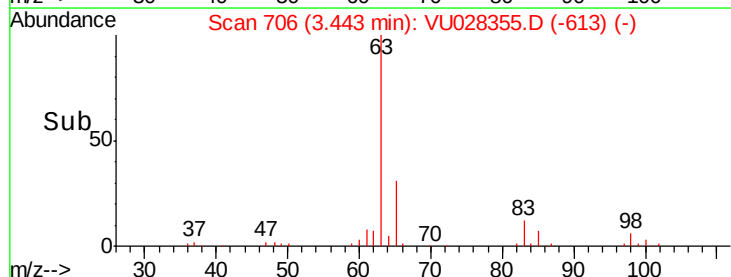
100000

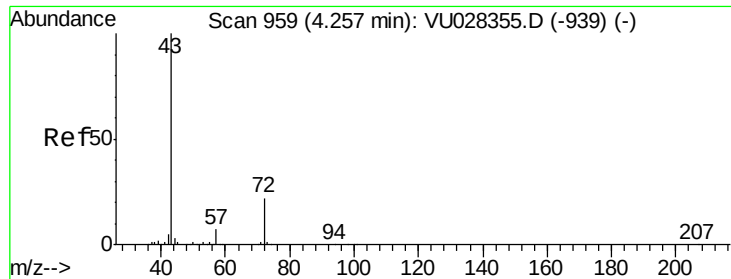
50000

0

Time-->

3.40 3.50

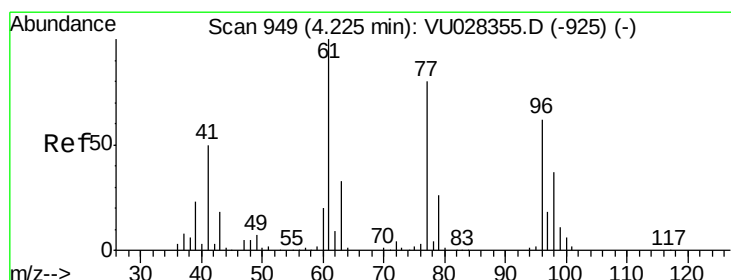
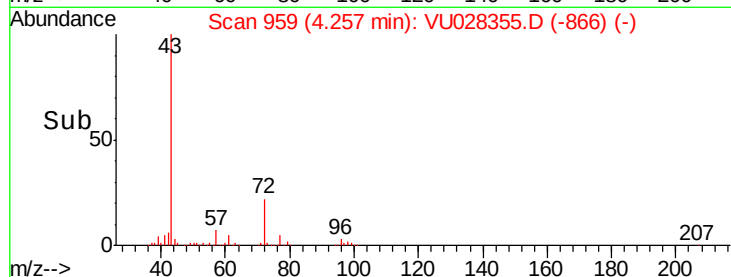
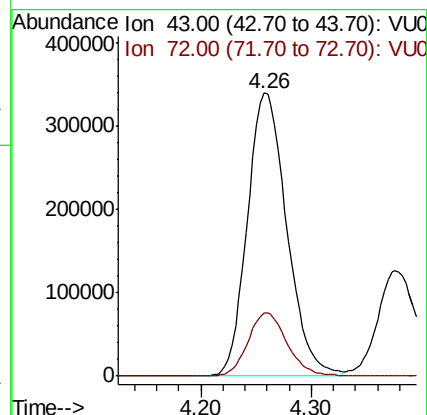
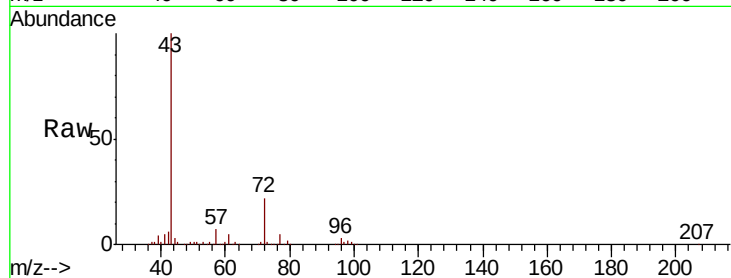




#25
 2-Butanone
 Concen: 255.700 ug/l
 RT: 4.26 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

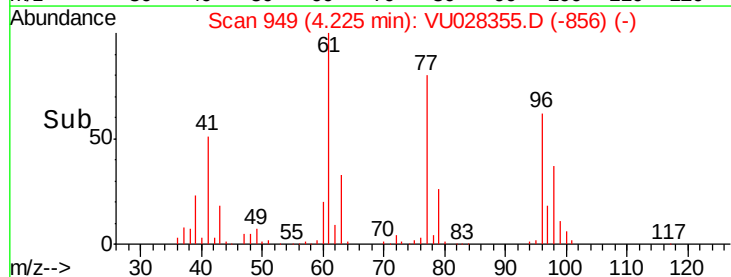
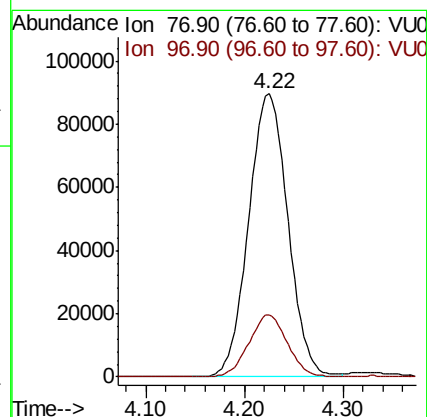
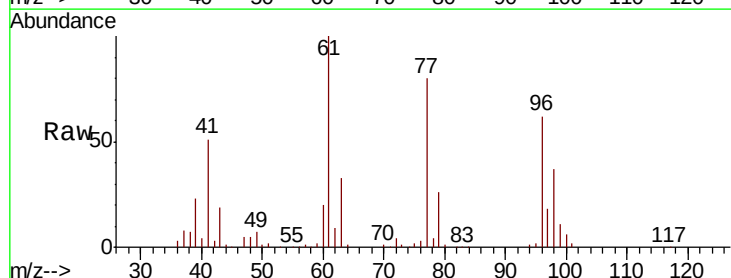
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

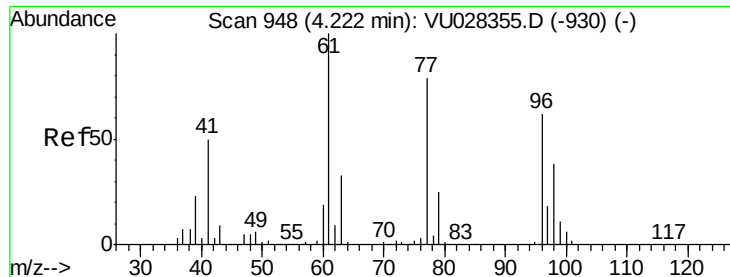
Tgt Ion: 43 Resp: 839016
 Ion Ratio Lower Upper
 43 100
 72 22.1 17.7 26.5



#26
 2,2-Dichloropropane
 Concen: 51.295 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 77 Resp: 247176
 Ion Ratio Lower Upper
 77 100
 97 21.4 10.7 32.1



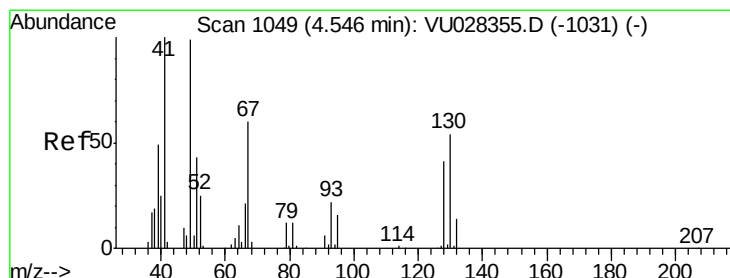
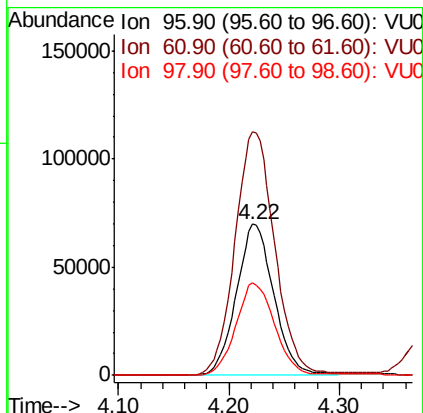
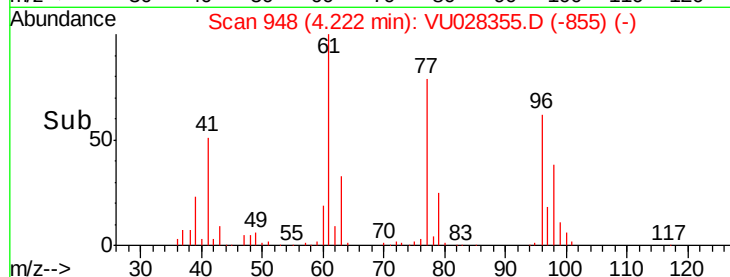
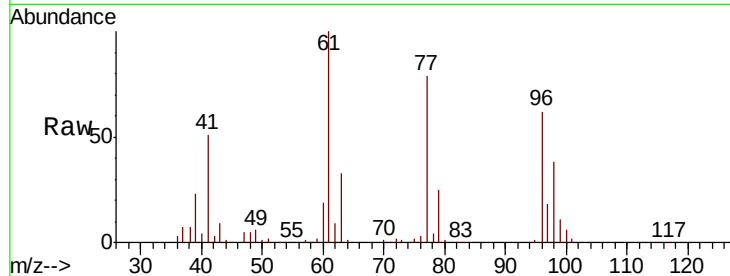


#27

cis-1,2-Dichloroethene
Concen: 50.151 ug/l
RT: 4.22 min Scan# 948
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

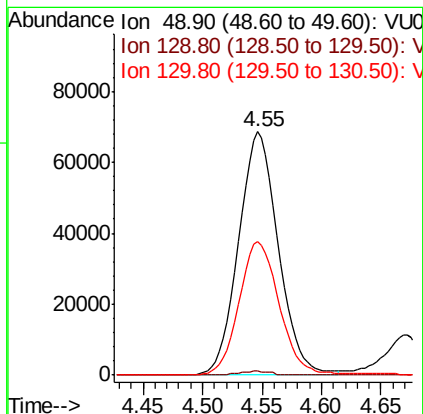
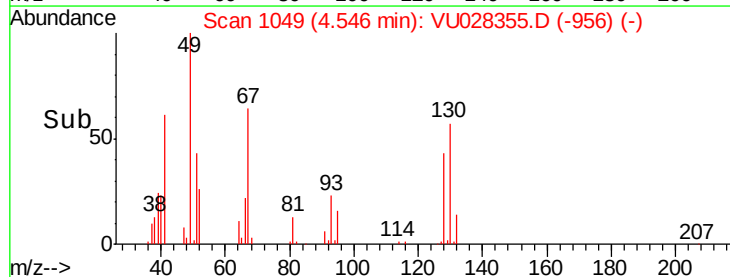
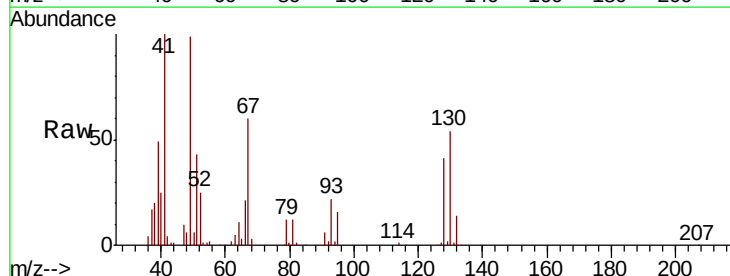
Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.0	0.0	342.0
98	63.2	0.0	126.4

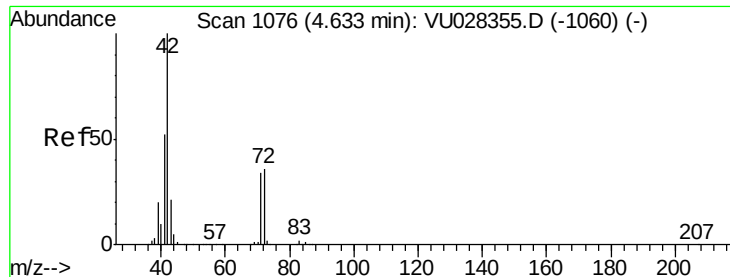


#28

Bromochloromethane
Concen: 52.303 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.6
130	55.6	44.5	66.7





#29

Tetrahydrofuran

Concen: 261.496 ug/l

RT: 4.63 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

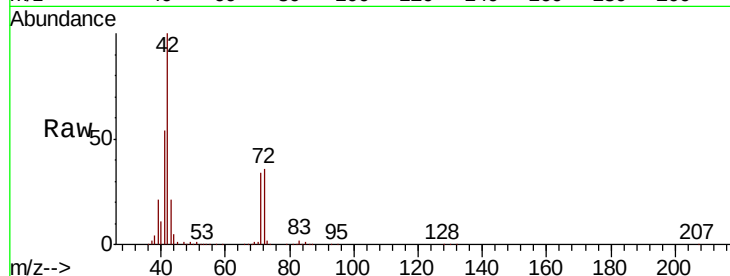
Tgt Ion: 42 Resp: 557093

Ion Ratio Lower Upper

42 100

72 36.9 29.5 44.3

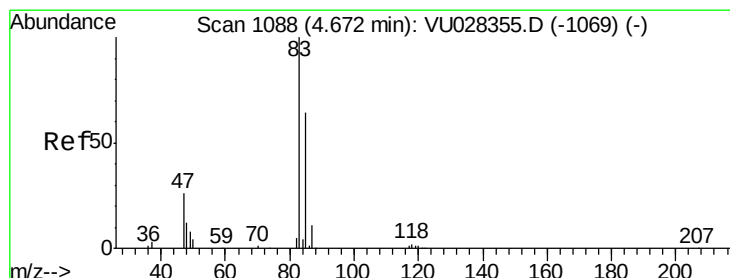
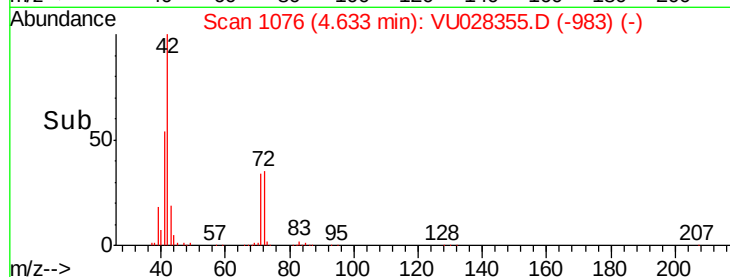
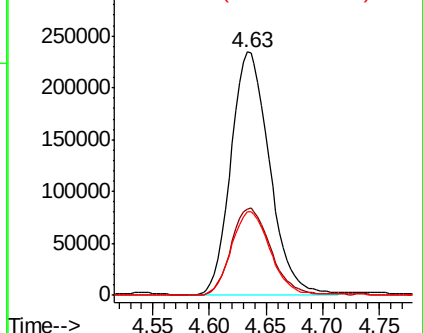
71 34.6 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 50.295 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VU028355.D

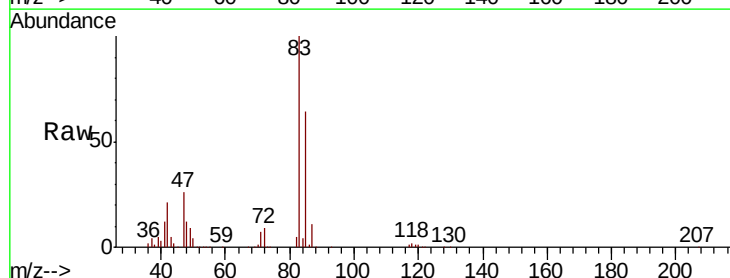
Acq: 28 Nov 2018 10:23

Tgt Ion: 83 Resp: 281674

Ion Ratio Lower Upper

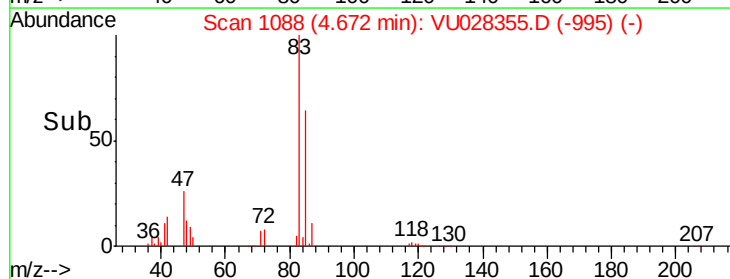
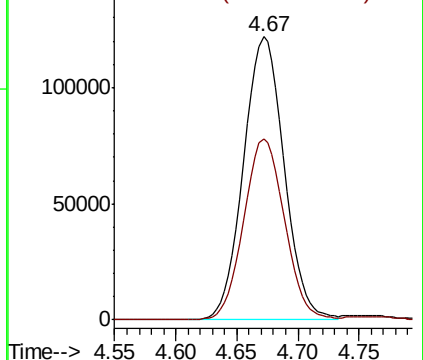
83 100

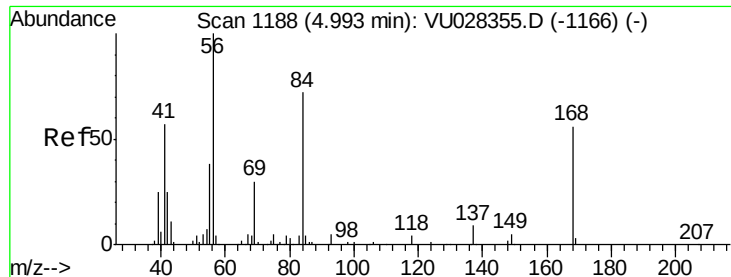
85 64.0 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

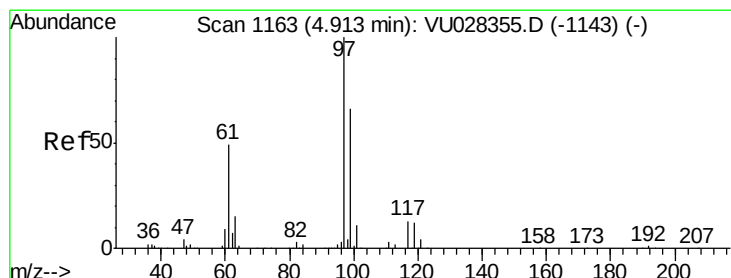
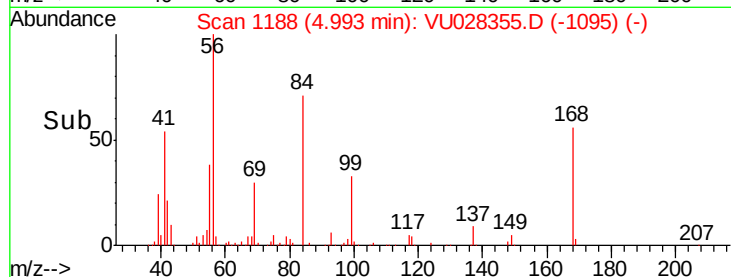
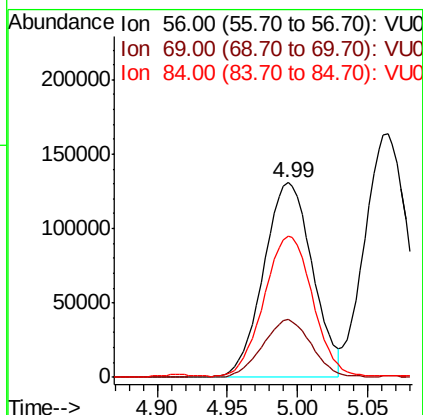
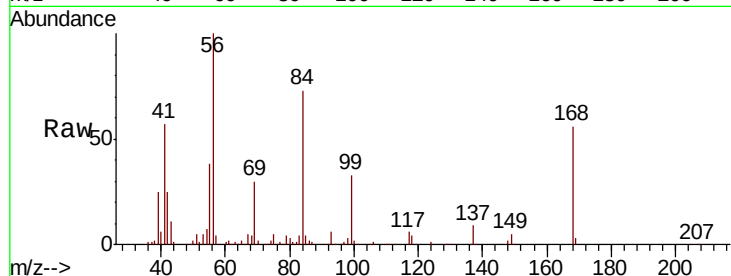




#31
Cyclohexane
Concen: 43.830 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

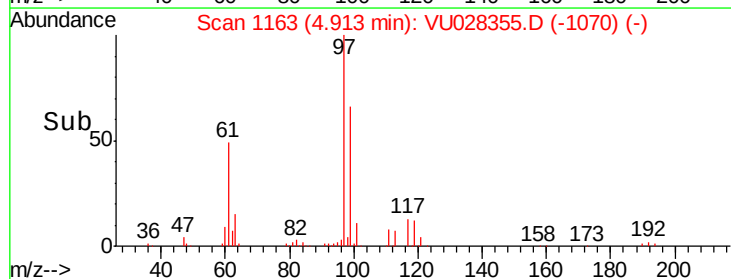
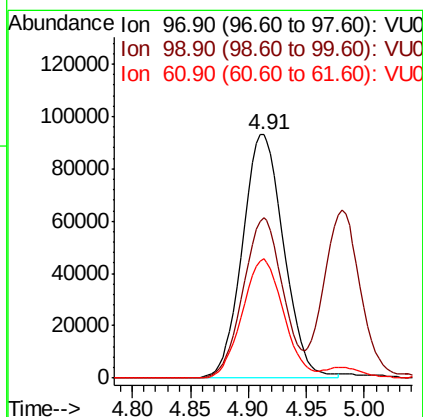
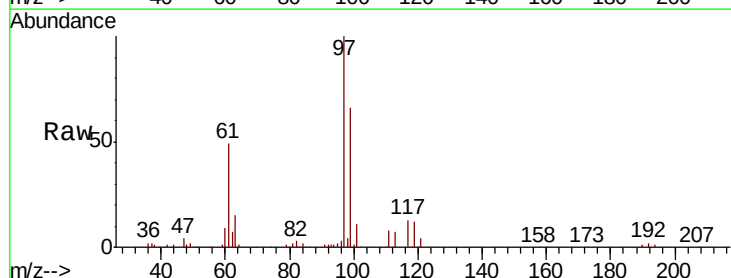
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

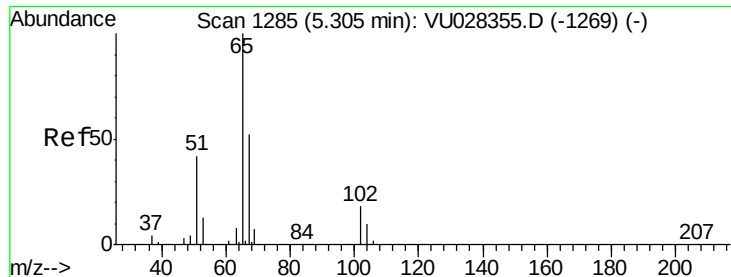
Tgt Ion: 56 Resp: 315663
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 71.6 57.3 85.9



#32
1,1,1-Trichloroethane
Concen: 51.381 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 97 Resp: 230903
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 48.9 39.1 58.7

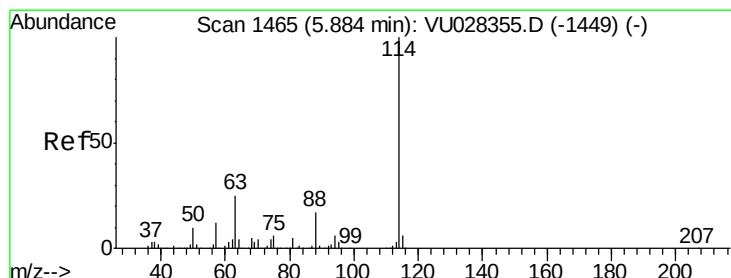
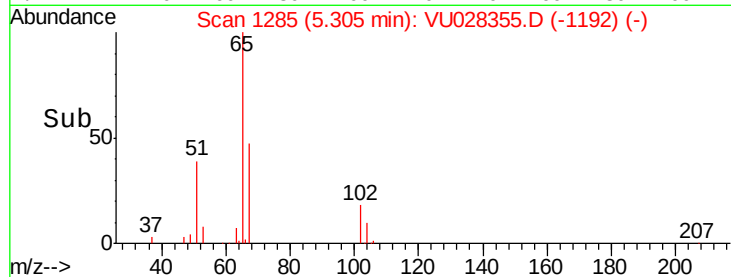
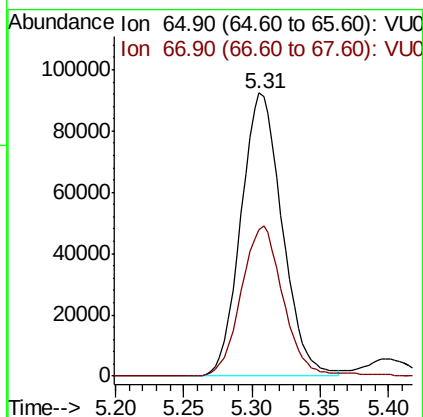
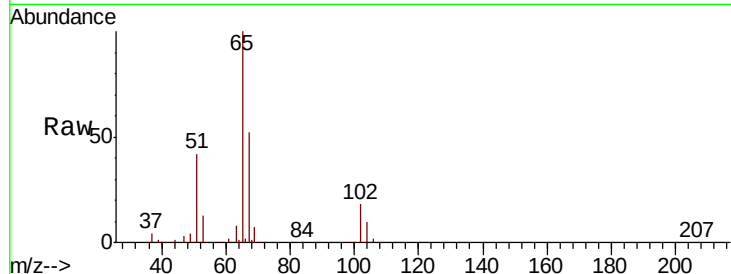




#33
 1,2-Dichloroethane-d4
 Concen: 51.818 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

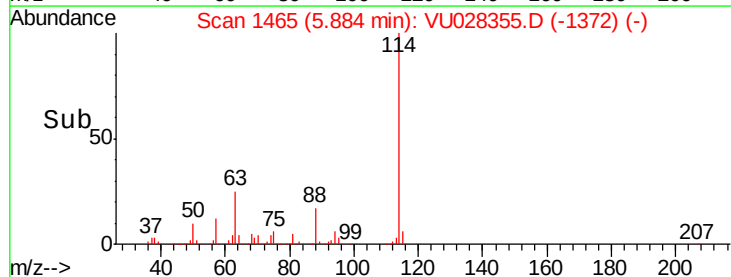
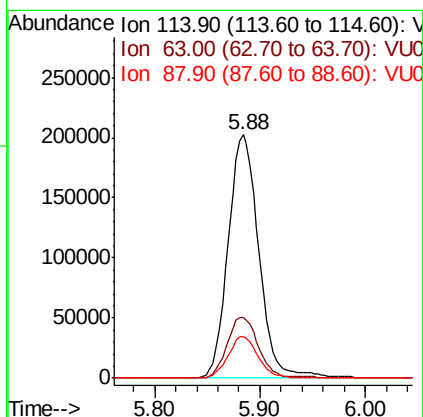
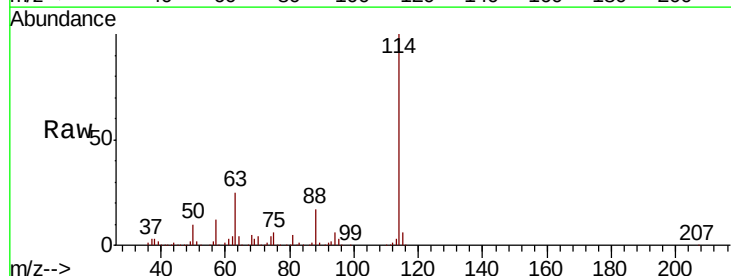
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

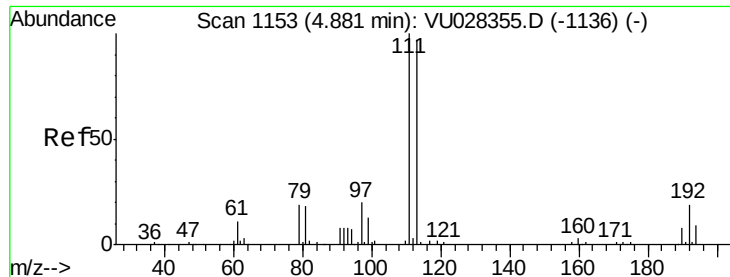
Tgt Ion: 65 Resp: 193941
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 114 Resp: 407421
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.0
 88 17.2 0.0 34.4

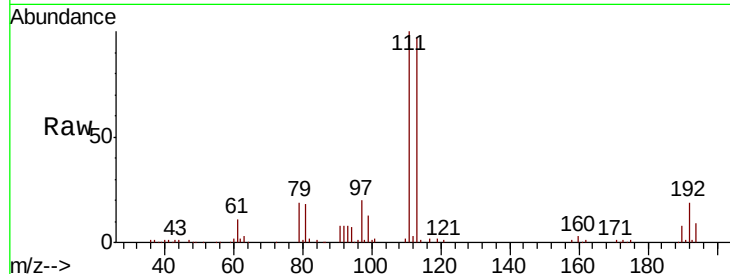




#35
 Dibromofluoromethane
 Concen: 49.499 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	19.2	15.4	23.0

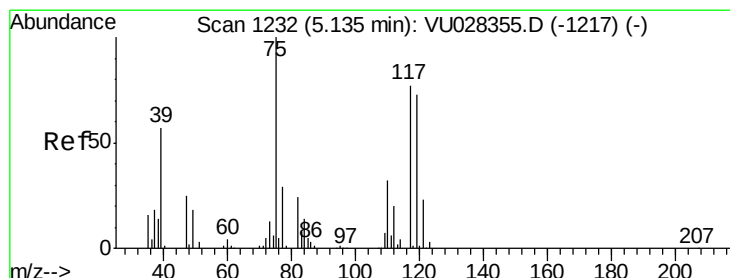
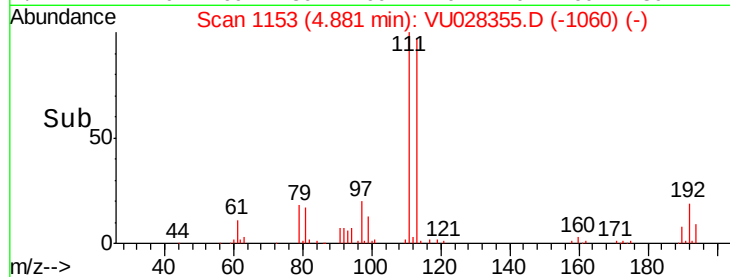
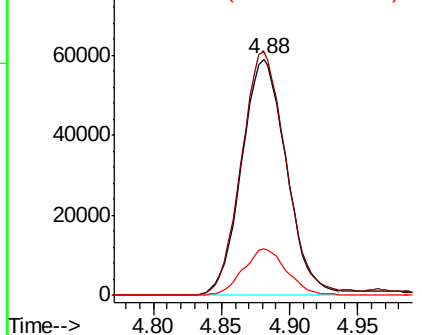


Abundance

Ion 112.80 (112.50 to 113.50): V

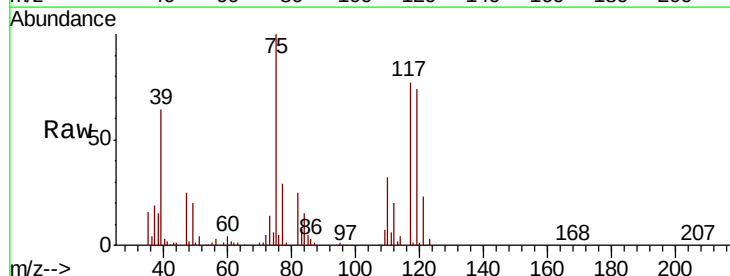
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.461 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.8	47.4
77	30.7	24.6	36.8

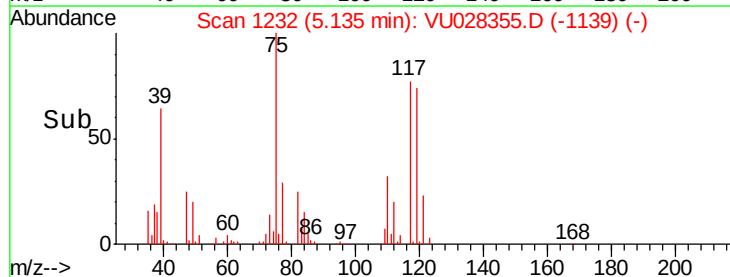
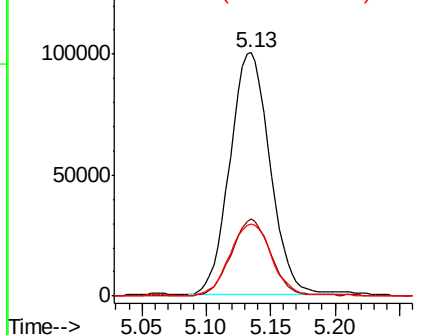


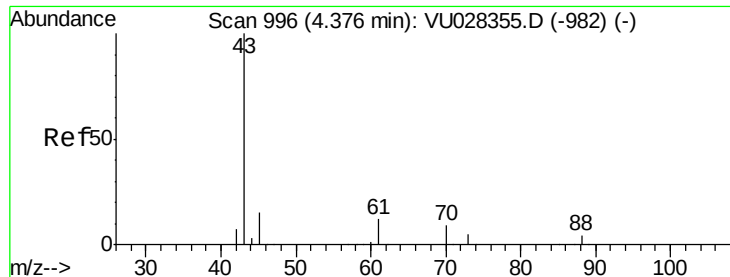
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 51.238 ug/l

RT: 4.38 min Scan# 996

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

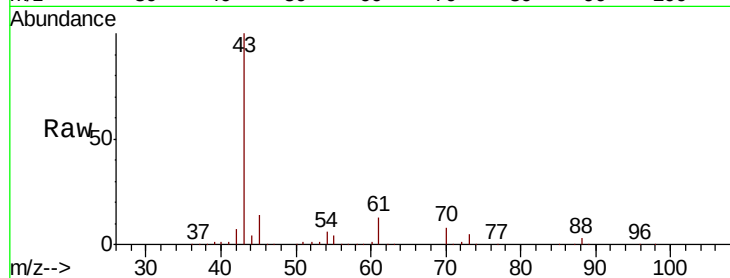
Tgt Ion: 43 Resp: 311309

Ion Ratio Lower Upper

43 100

61 12.8 10.2 15.4

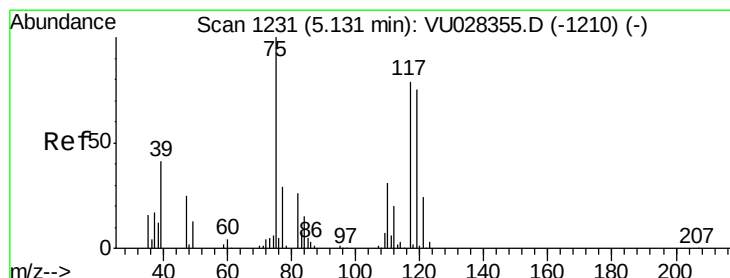
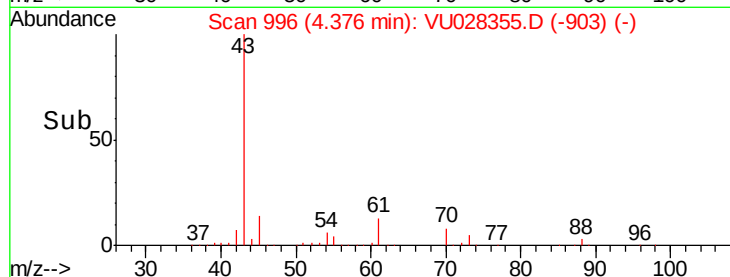
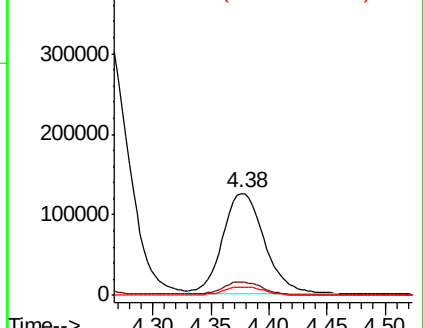
70 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-982) (-)

Ion 60.90 (60.60 to 61.60): VU028355.D (-982) (-)

Ion 70.00 (69.70 to 70.70): VU028355.D (-982) (-)



#38

Carbon Tetrachloride

Concen: 49.496 ug/l

RT: 5.13 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

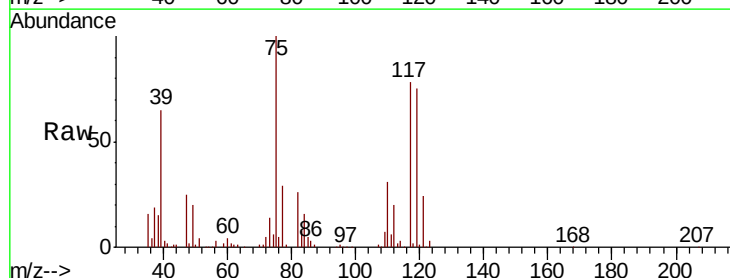
Tgt Ion: 117 Resp: 181211

Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5

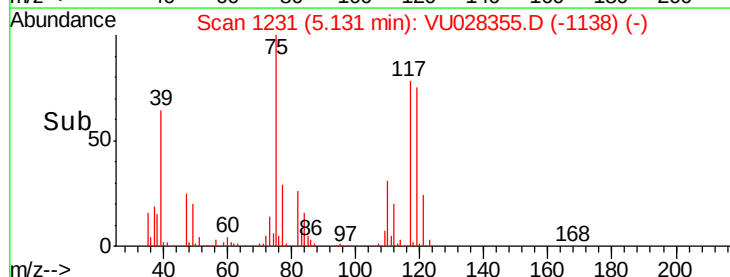
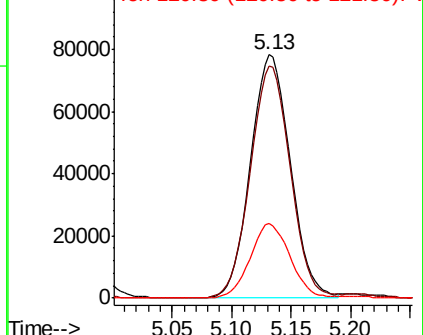
121 30.9 24.7 37.1

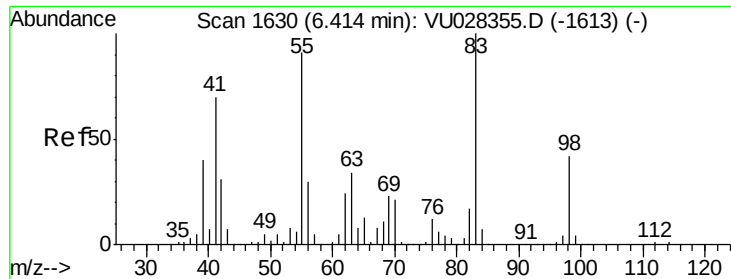


Abundance Ion 116.80 (116.50 to 117.50): VU028355.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU028355.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU028355.D (-1210) (-)

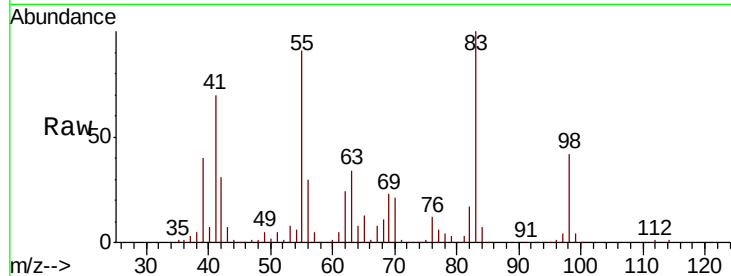




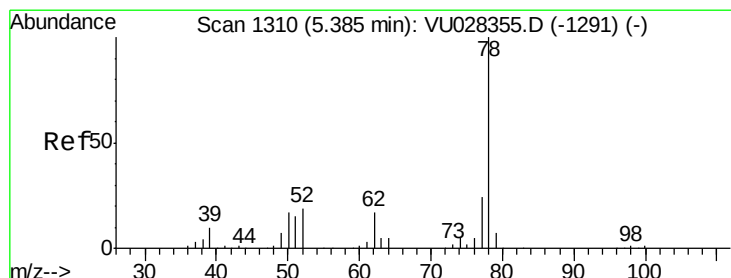
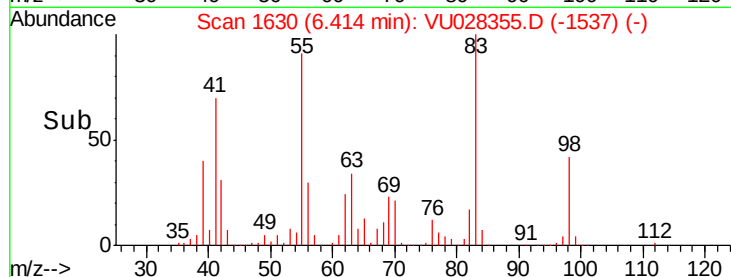
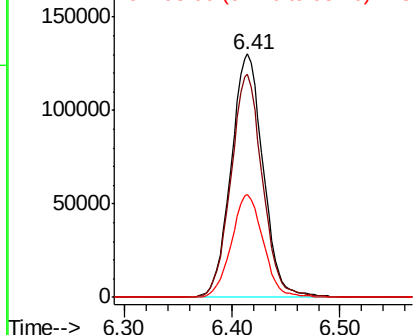
#39
Methylcyclohexane
Concen: 51.338 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 269854
Ion Ratio Lower Upper
83 100
55 91.4 73.1 109.7
98 42.4 33.9 50.9

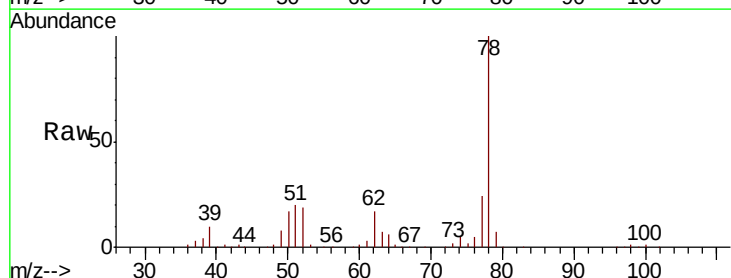


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

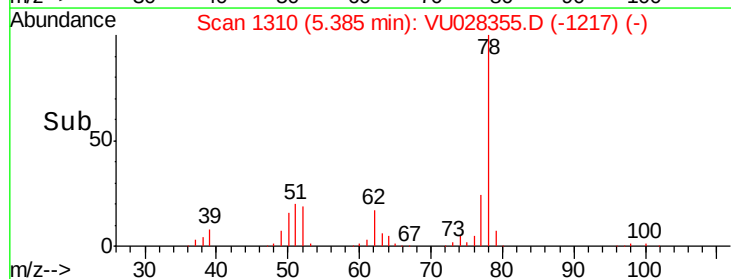
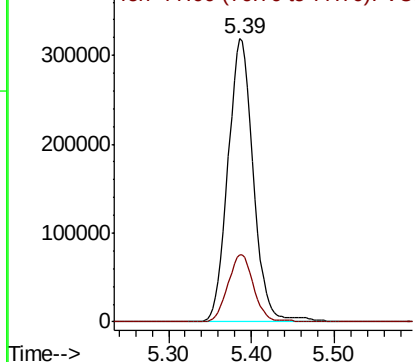


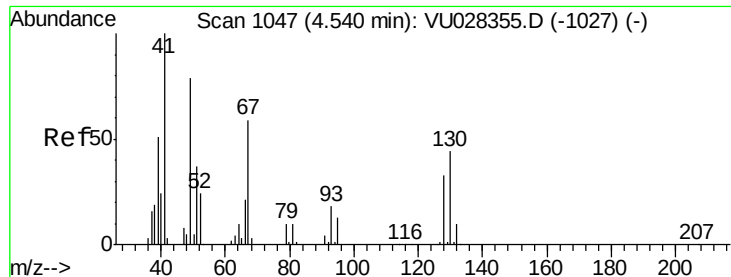
#40
Benzene
Concen: 51.600 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 78 Resp: 681352
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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

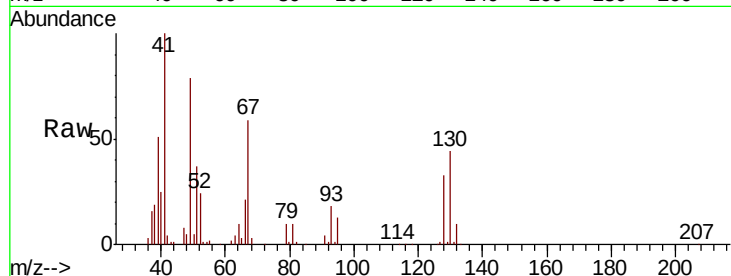




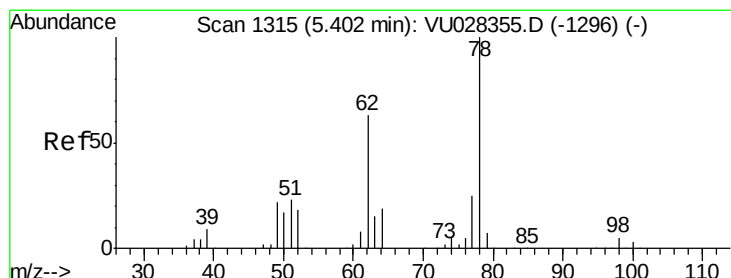
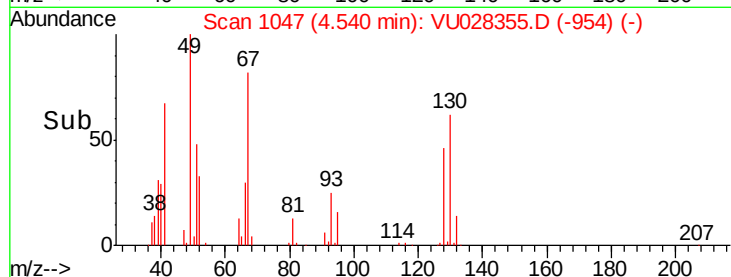
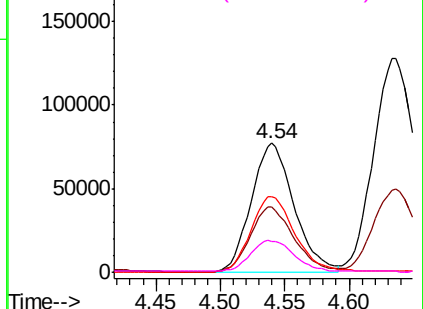
#41
Methacrylonitrile
Concen: 52.805 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	178171
Ion	Ratio	Lower	Upper
41	100		
39	51.6	41.3	61.9
67	60.8	48.6	73.0
52	24.2	19.4	29.0

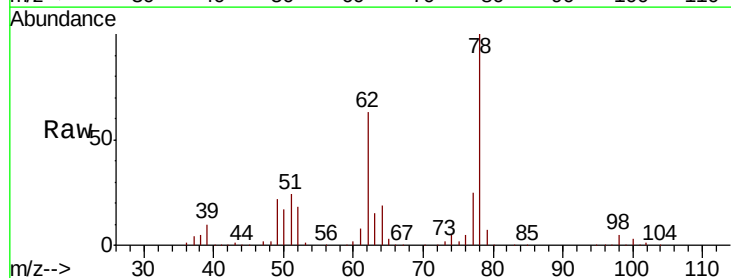


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

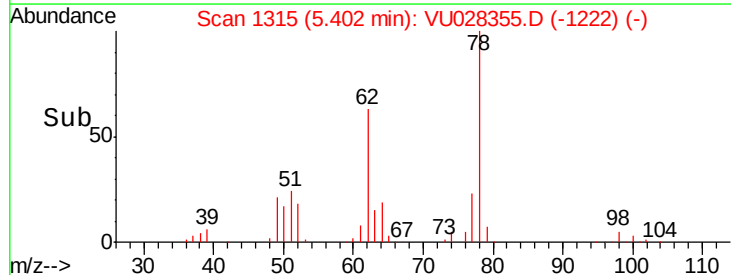
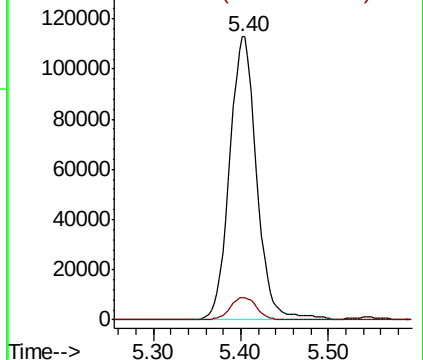


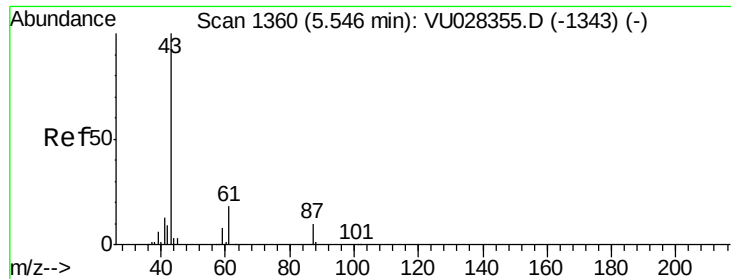
#42
1,2-Dichloroethane
Concen: 51.025 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion:	62	Resp:	242720
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 51.646 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

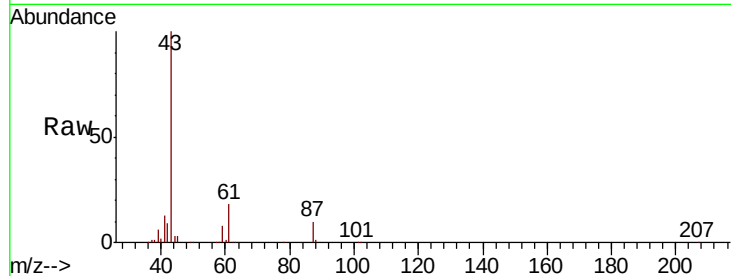
Tgt Ion: 43 Resp: 497241

Ion Ratio Lower Upper

43 100

61 18.1 14.5 21.7

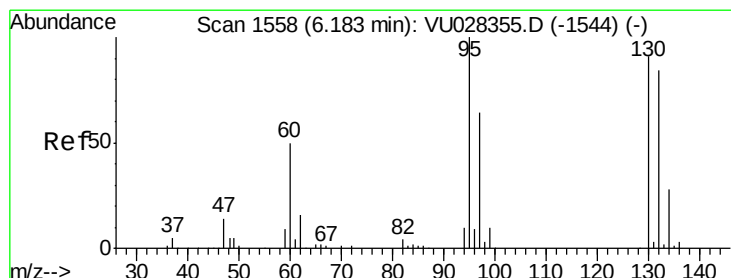
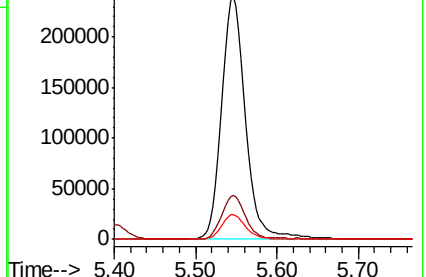
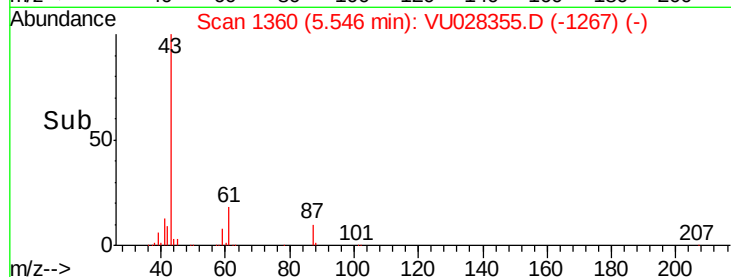
87 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)



#44

Trichloroethene

Concen: 50.952 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU028355.D

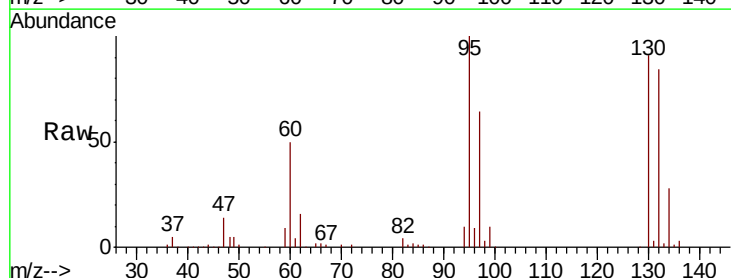
Acq: 28 Nov 2018 10:23

Tgt Ion: 130 Resp: 144215

Ion Ratio Lower Upper

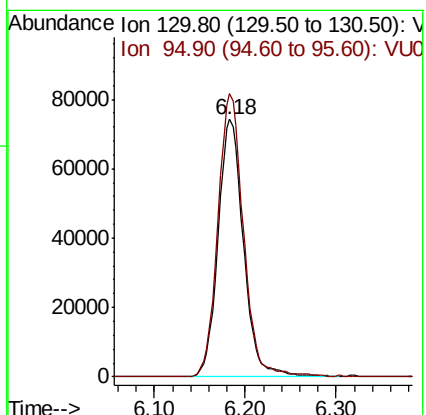
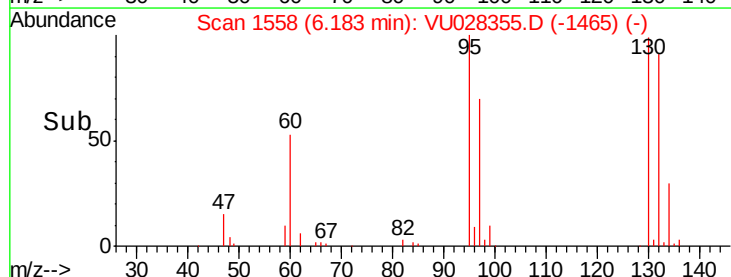
130 100

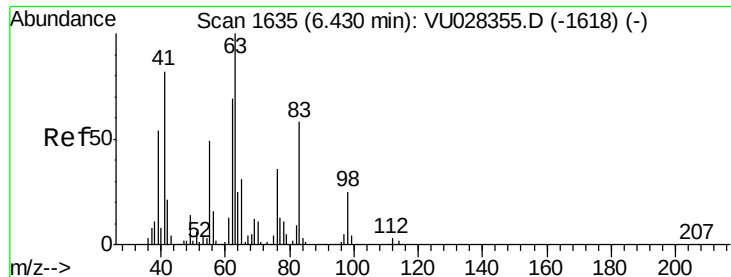
95 109.9 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): VU028355.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028355.D (-1544) (-)





#45

1,2-Dichloropropane

Concen: 51.388 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

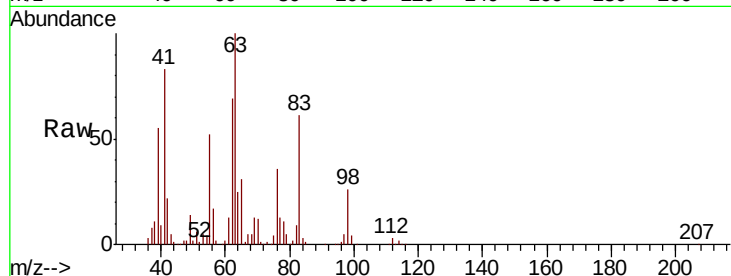
VSTDICCC050

Tgt Ion: 63 Resp: 198709

Ion Ratio Lower Upper

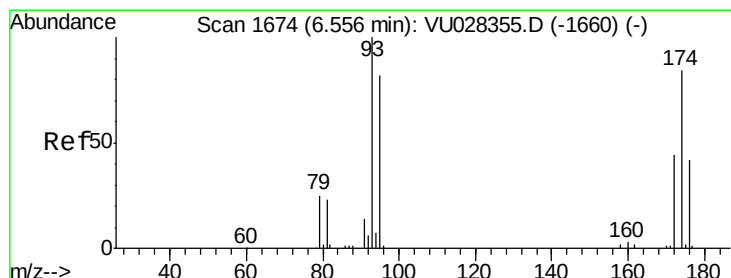
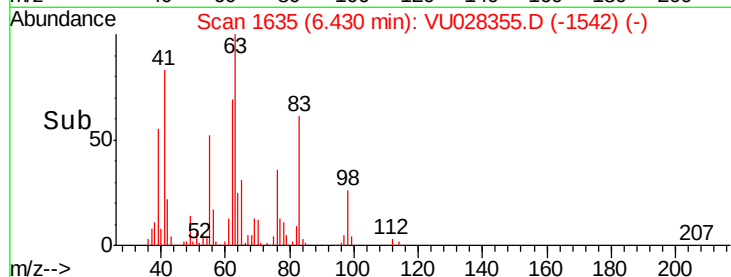
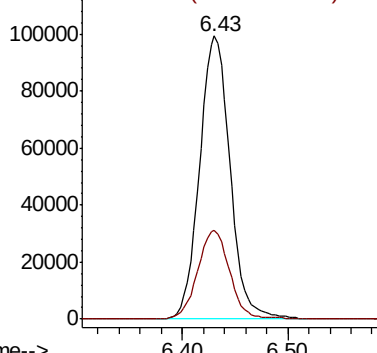
63 100

65 31.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 51.193 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

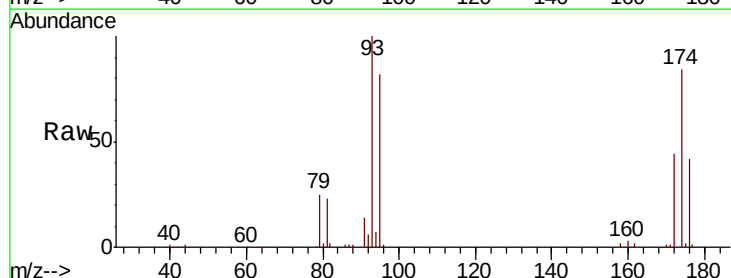
Tgt Ion: 93 Resp: 113706

Ion Ratio Lower Upper

93 100

95 81.4 65.1 97.7

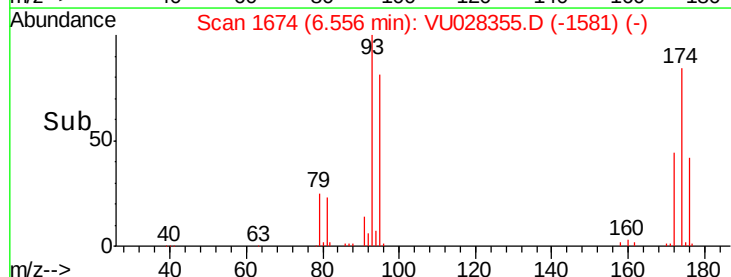
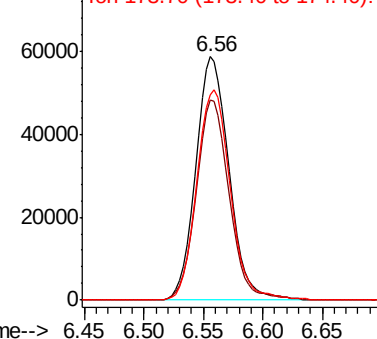
174 87.4 69.9 104.9

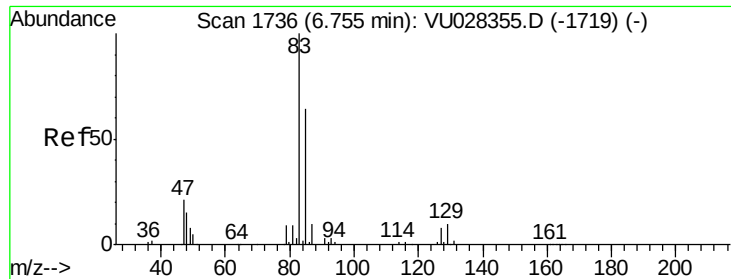


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

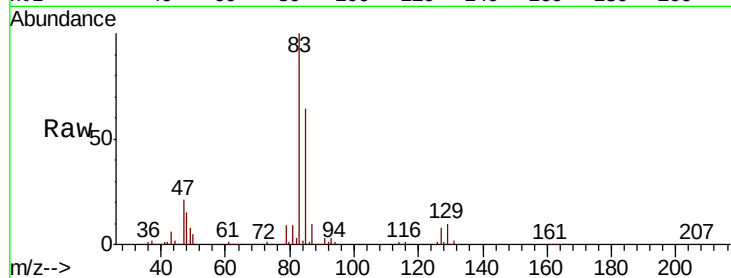




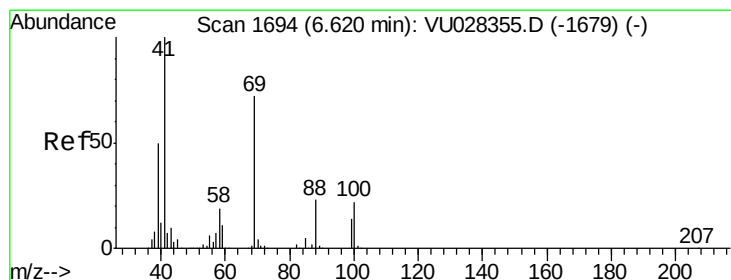
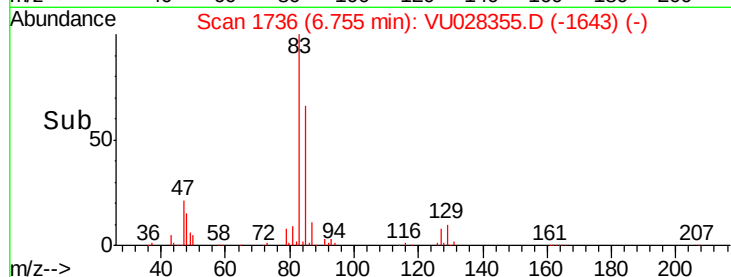
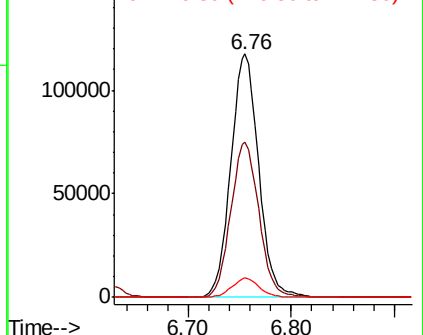
#47
 Bromodichloromethane
 Concen: 50.077 ug/l
 RT: 6.76 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 83 Resp: 221235
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.9 76.3
 127 7.8 6.2 9.4

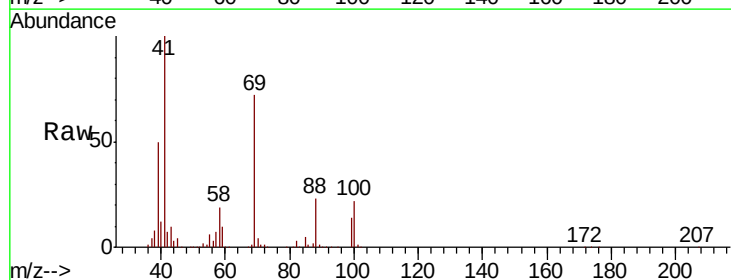


Abundance Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 126.80 (126.50 to 127.50): V

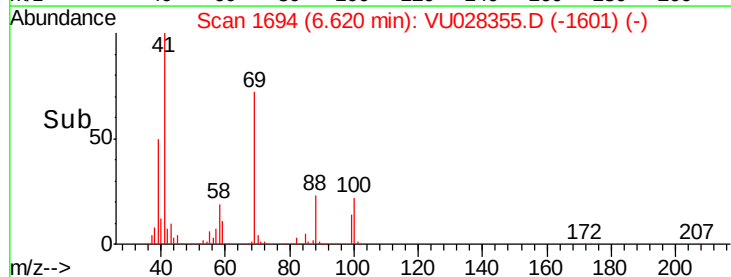
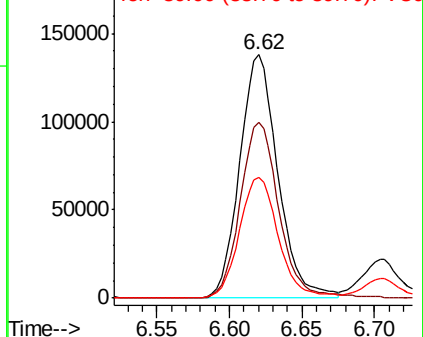


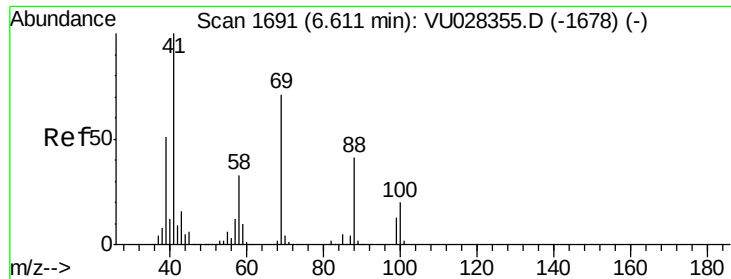
#48
 Methyl methacrylate
 Concen: 50.181 ug/l
 RT: 6.62 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 41 Resp: 251666
 Ion Ratio Lower Upper
 41 100
 69 73.7 59.0 88.4
 39 50.6 40.5 60.7



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

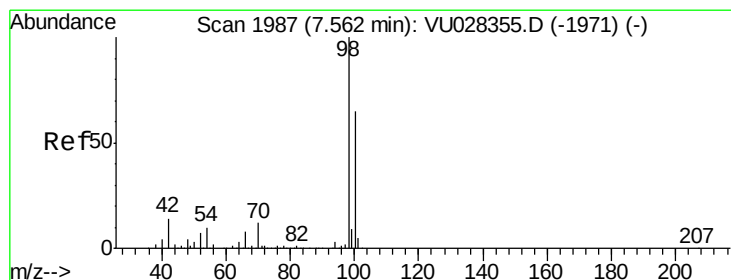
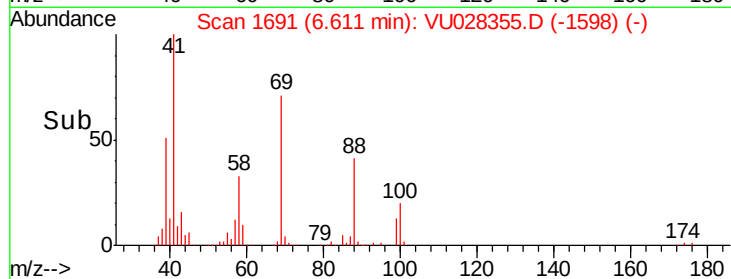
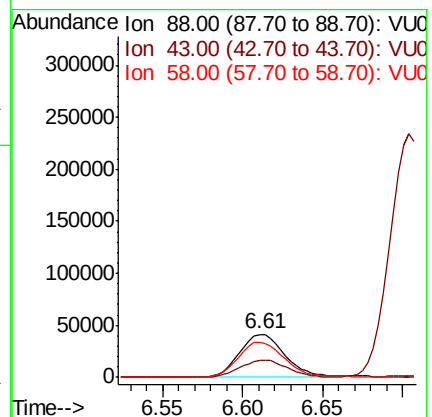
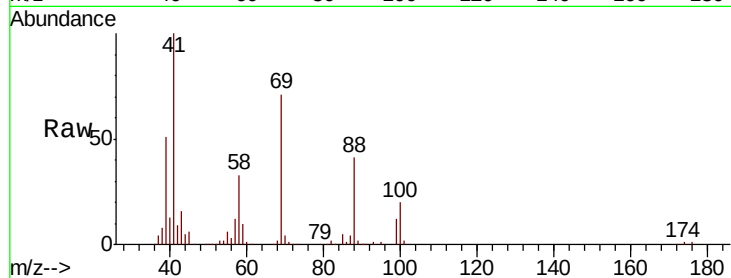




#49
1,4-Dioxane
Concen: 989.244 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

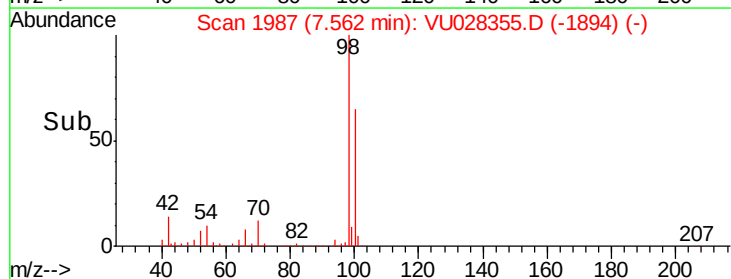
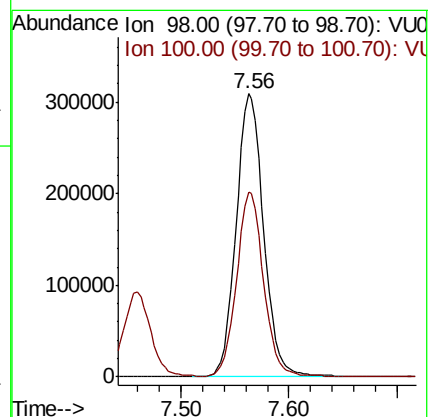
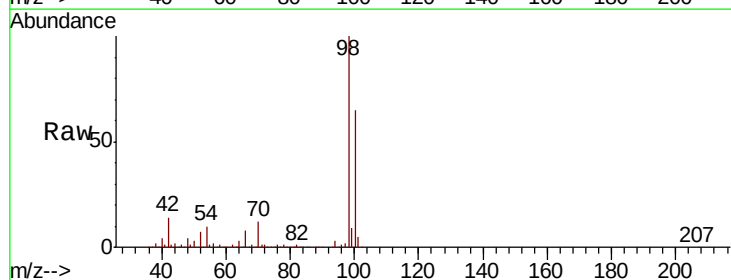
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

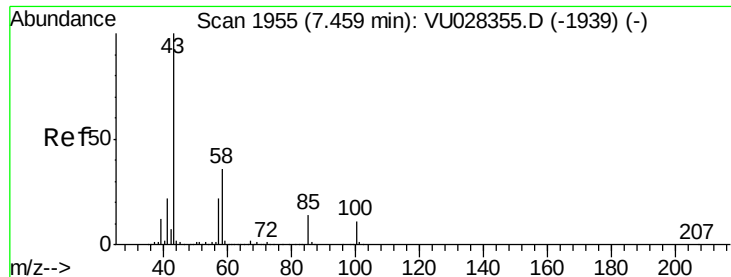
Tgt Ion: 88 Resp: 79257
Ion Ratio Lower Upper
88 100
43 40.7 32.6 48.8
58 85.9 68.7 103.1



#50
Toluene-d8
Concen: 50.670 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 98 Resp: 549001
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

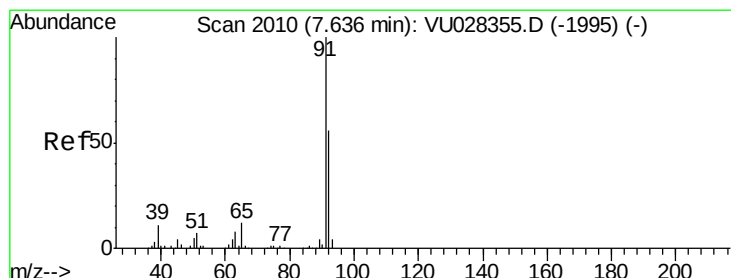
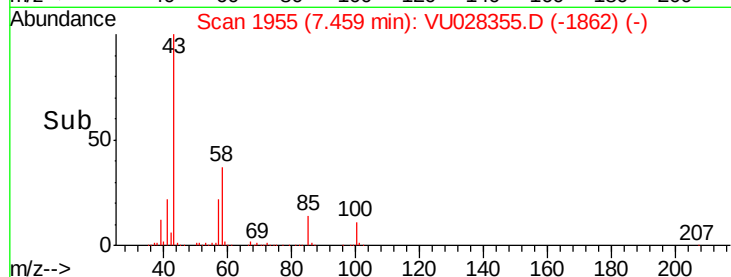
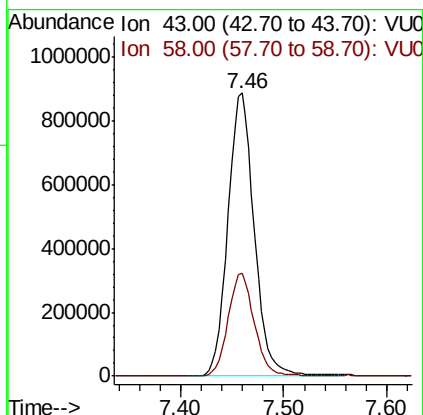
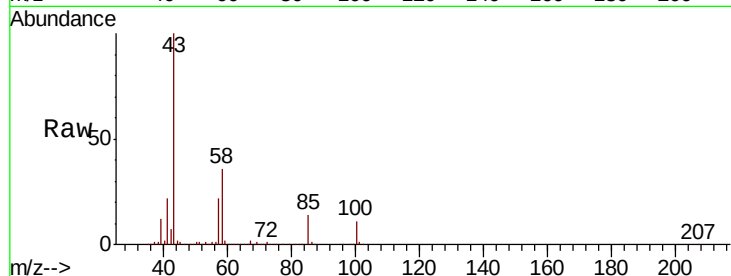




#51
 4-Methyl-2-Pentanone
 Concen: 257.427 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

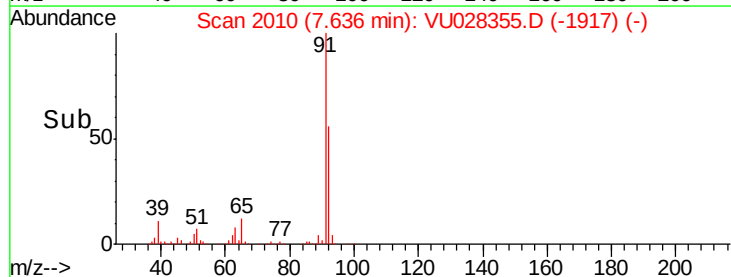
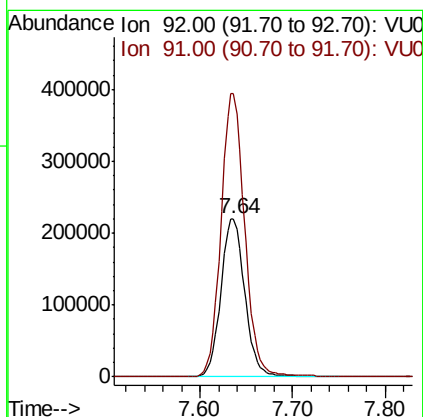
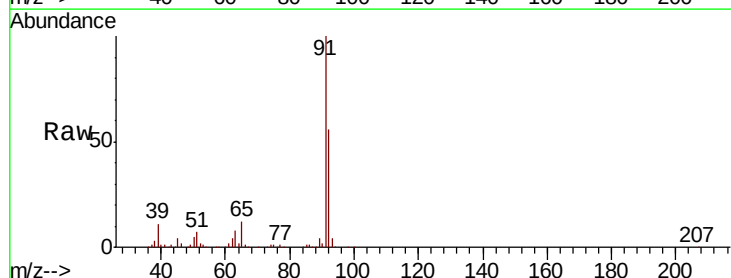
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

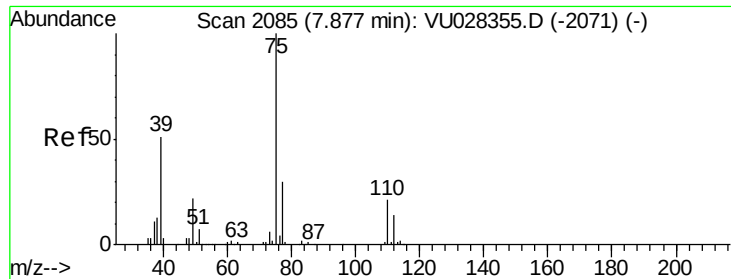
Tgt Ion: 43 Resp: 1582970
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.8 43.2



#52
 Toluene
 Concen: 51.912 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 92 Resp: 394734
 Ion Ratio Lower Upper
 92 100
 91 177.2 141.8 212.6





#53

t-1,3-Dichloropropene

Concen: 50.396 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

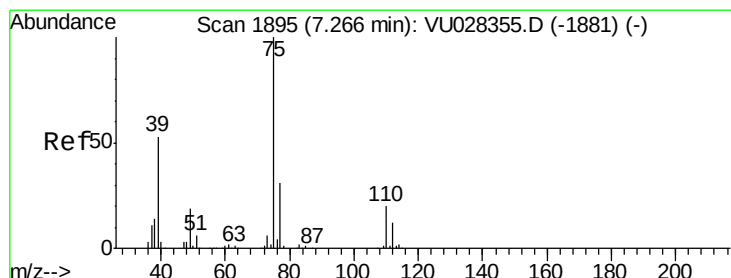
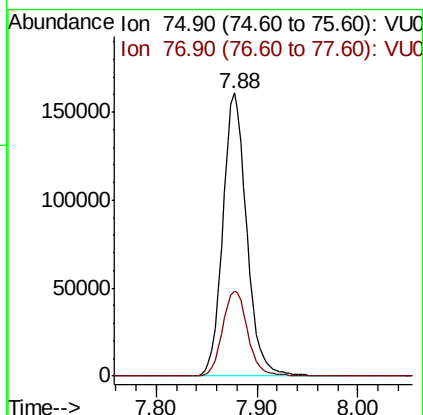
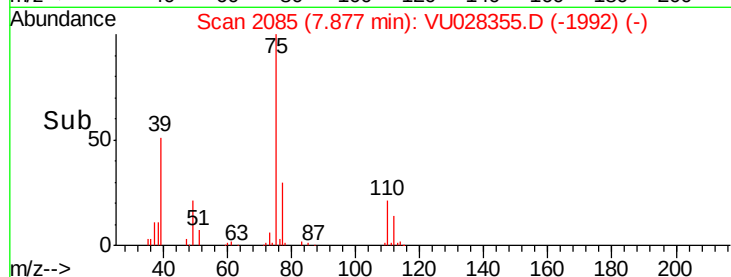
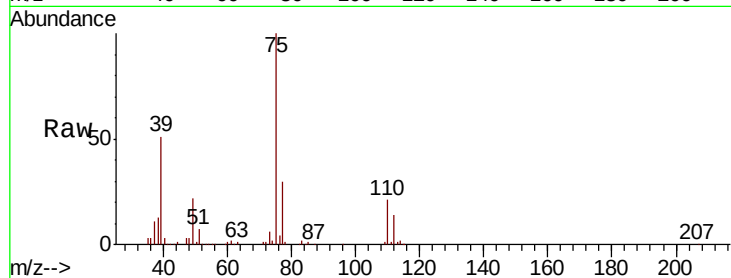
VSTDICCC050

Tgt Ion: 75 Resp: 266231

Ion Ratio Lower Upper

75 100

77 30.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 50.071 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

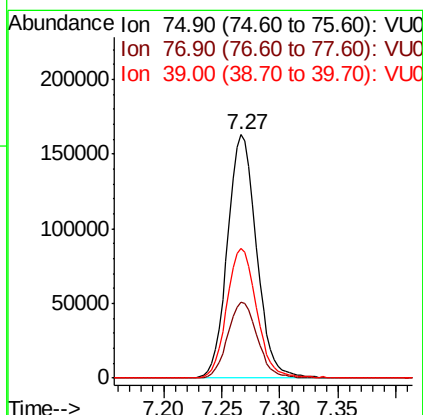
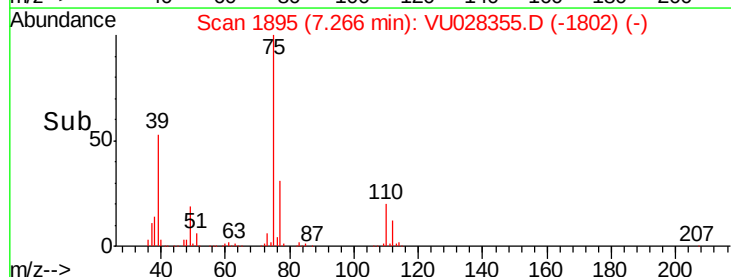
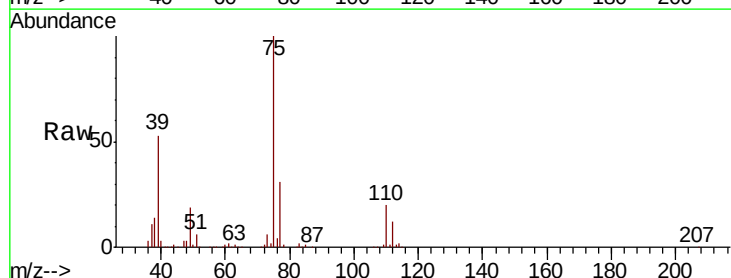
Tgt Ion: 75 Resp: 283378

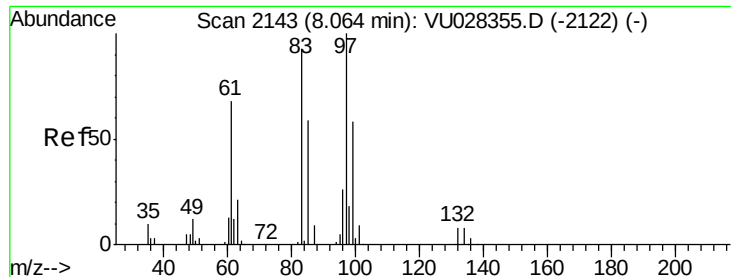
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 53.3 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 50.136 ug/l

RT: 8.06 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 158661

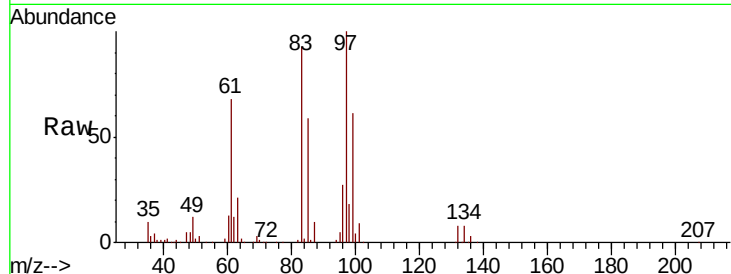
Ion Ratio Lower Upper

97 100

83 92.9 74.3 111.5

85 59.0 47.2 70.8

99 61.1 48.9 73.3

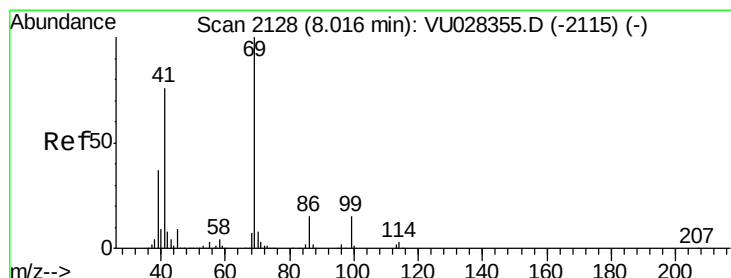
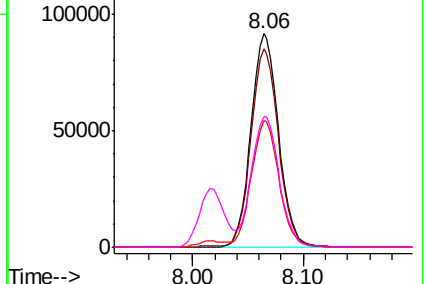
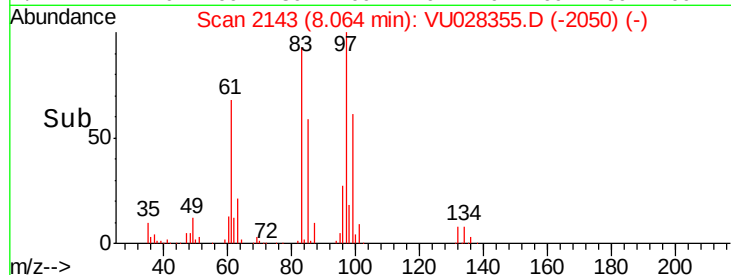


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 52.672 ug/l

RT: 8.02 min Scan# 2128

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

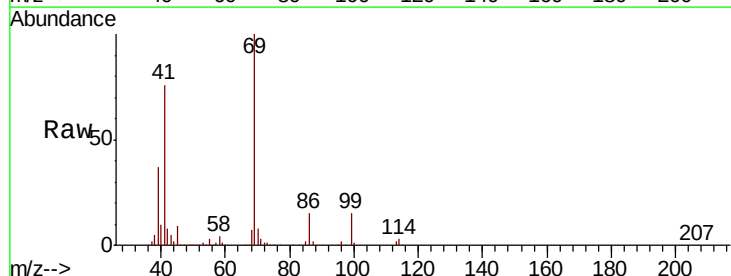
Tgt Ion: 69 Resp: 283569

Ion Ratio Lower Upper

69 100

41 75.0 60.0 90.0

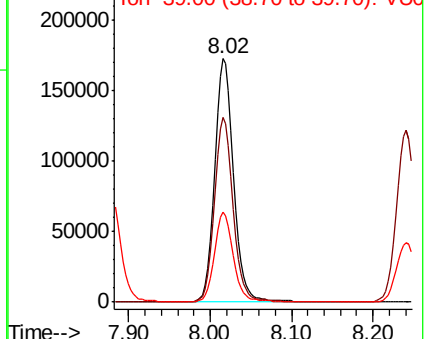
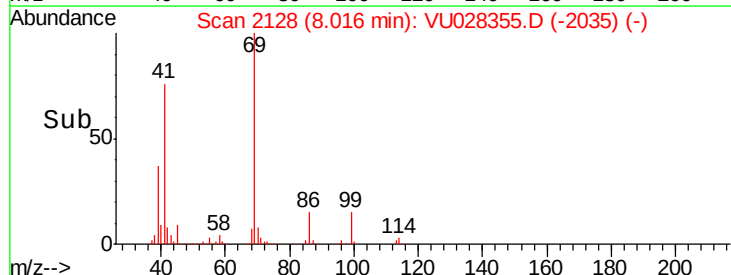
39 36.3 29.0 43.6

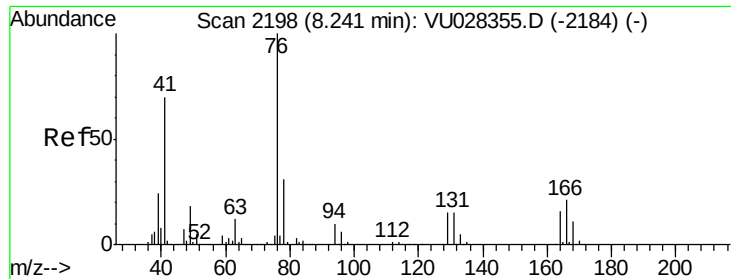


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

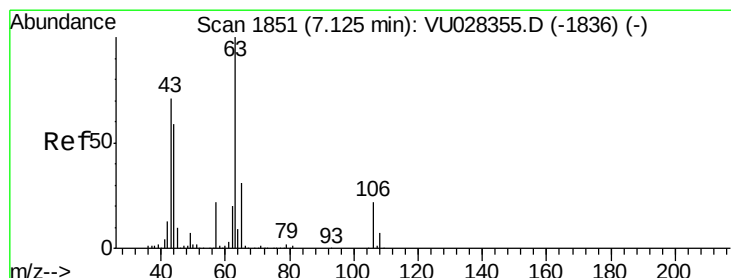
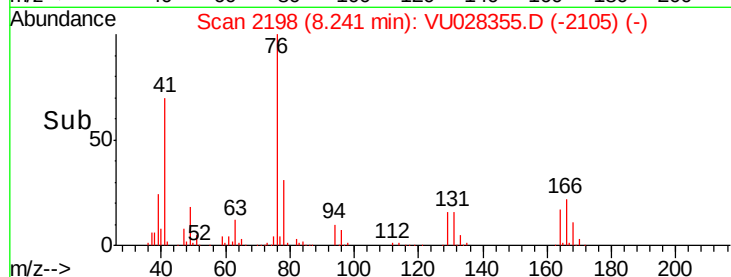
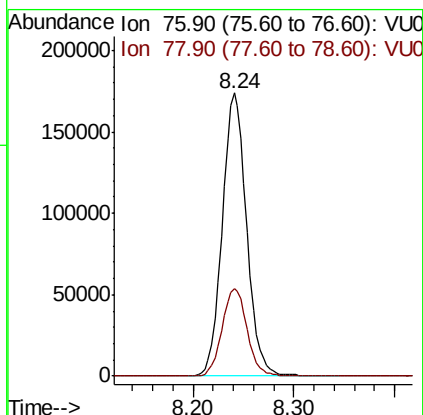
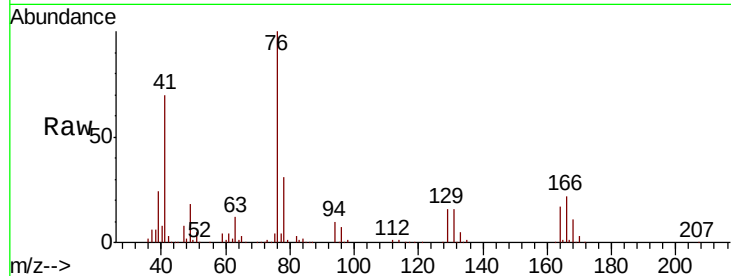




#57
 1,3-Dichloropropane
 Concen: 50.452 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

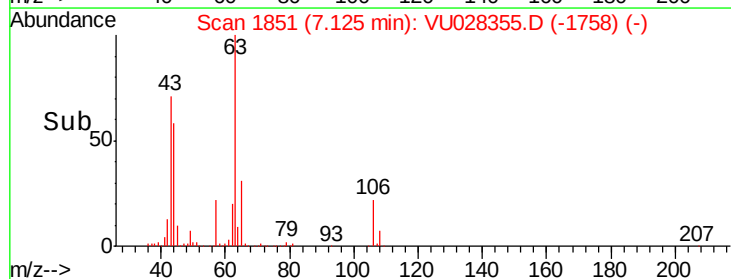
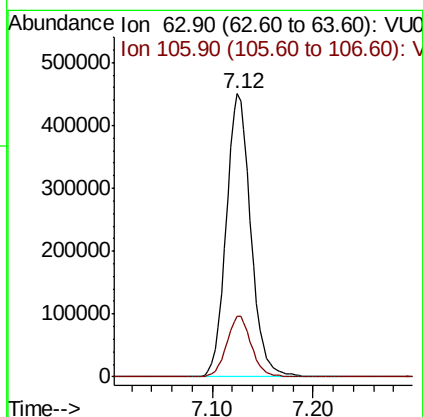
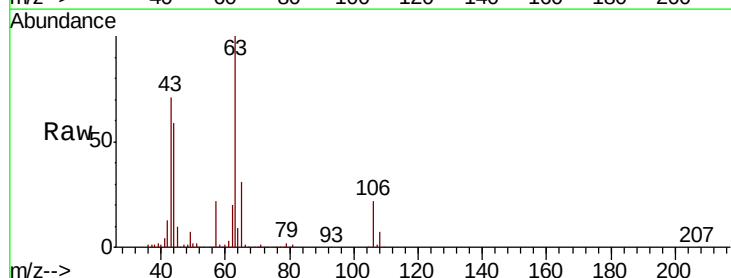
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

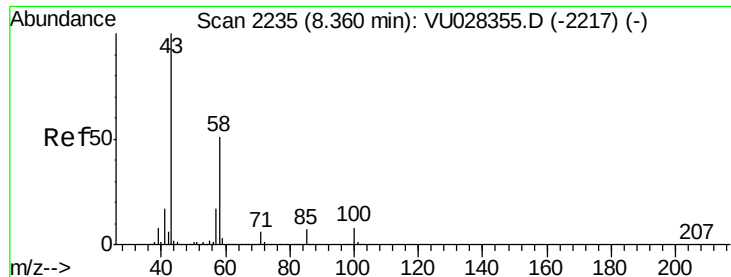
Tgt Ion: 76 Resp: 292791
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.107 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 63 Resp: 766273
 Ion Ratio Lower Upper
 63 100
 106 21.6 17.3 25.9

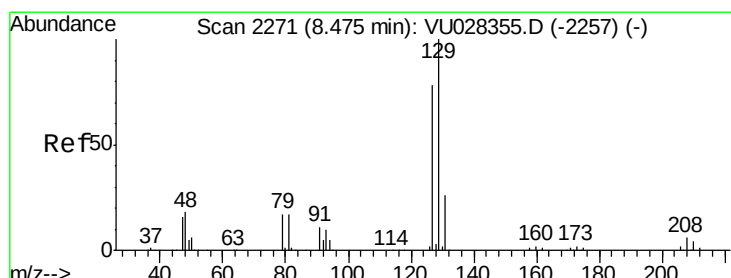
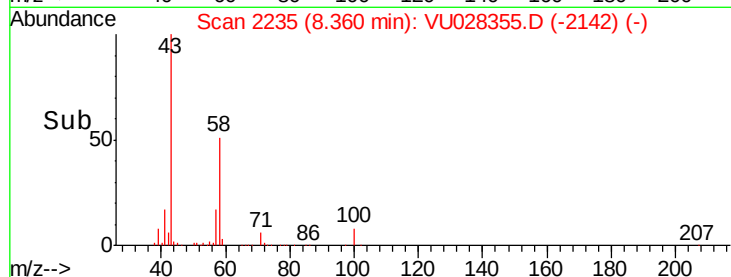
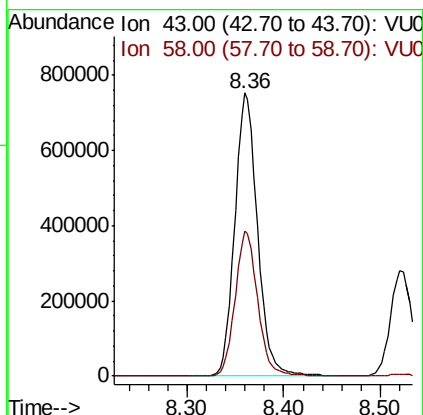
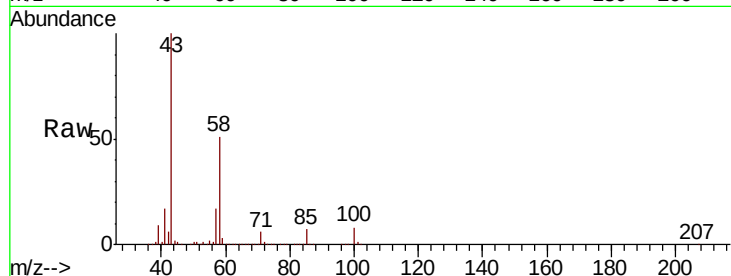




#59
2-Hexanone
Concen: 257.701 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

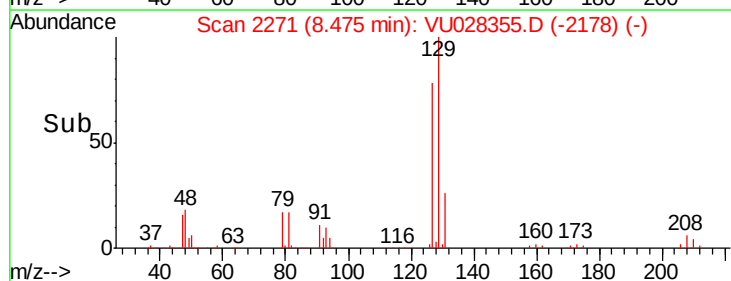
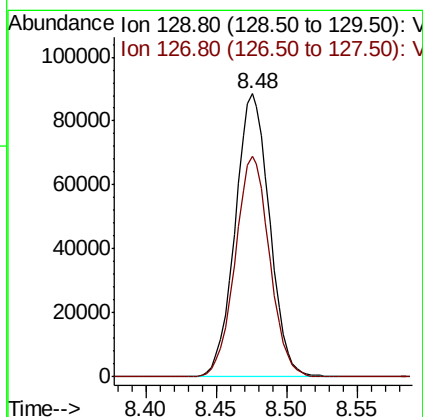
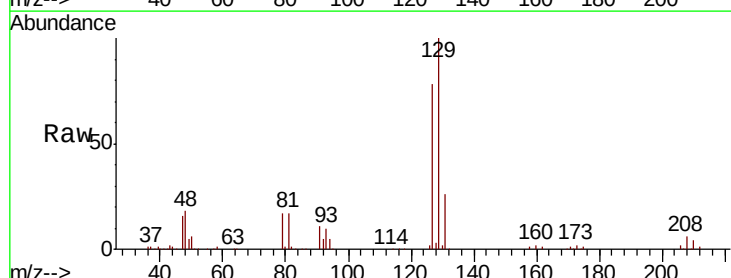
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

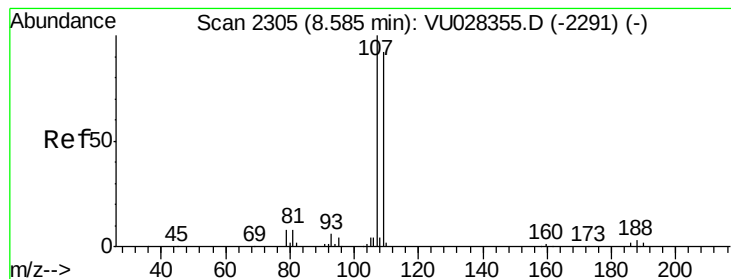
Tgt Ion: 43 Resp: 1227477
Ion Ratio Lower Upper
43 100
58 51.0 25.5 76.5



#60
Dibromochloromethane
Concen: 50.327 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 129 Resp: 151473
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.978 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

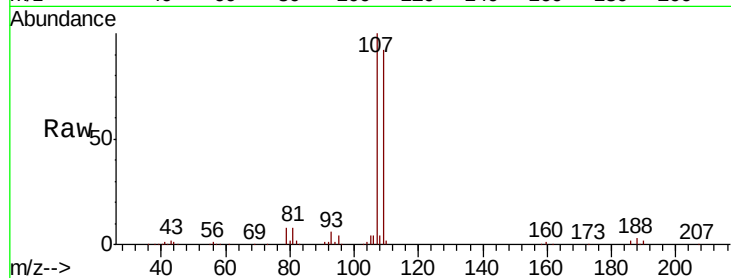
VSTDICCC050

Tgt Ion: 107 Resp: 168470

Ion Ratio Lower Upper

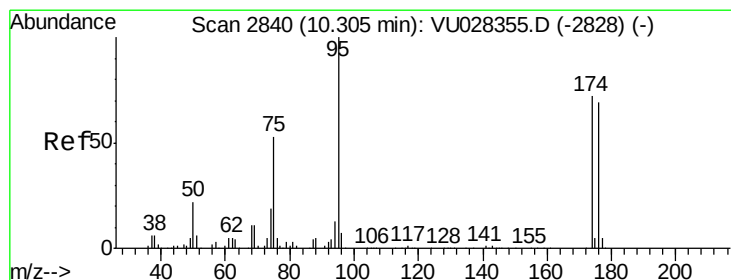
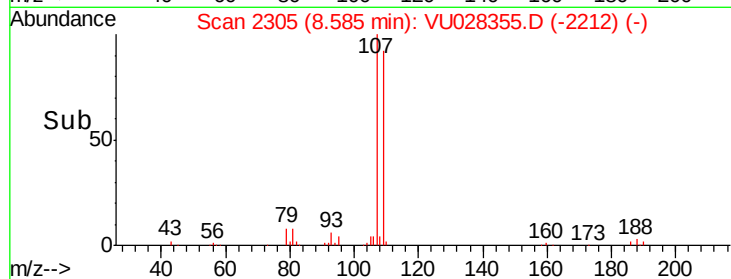
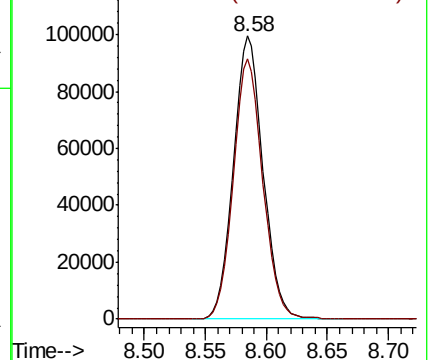
107 100

109 91.5 73.2 109.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.499 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

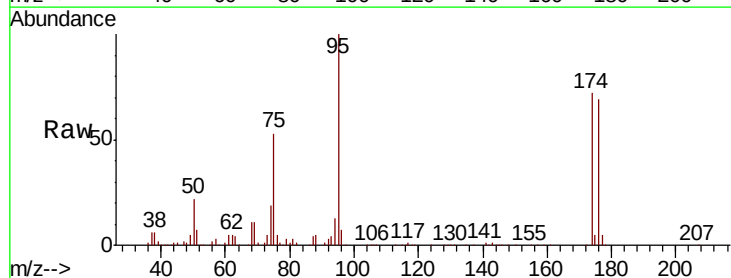
Tgt Ion: 95 Resp: 201114

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.4

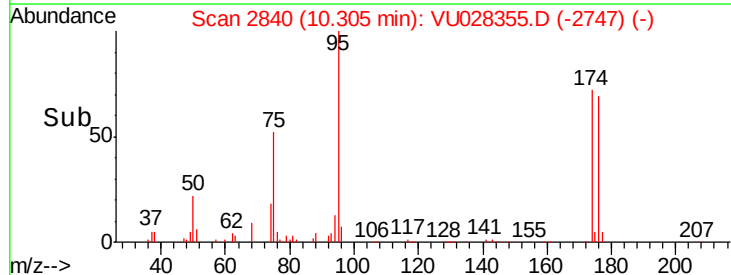
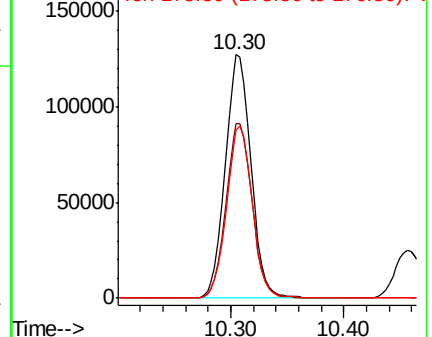
176 70.4 0.0 140.8

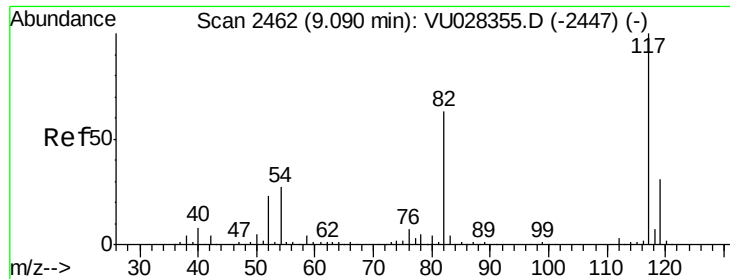


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

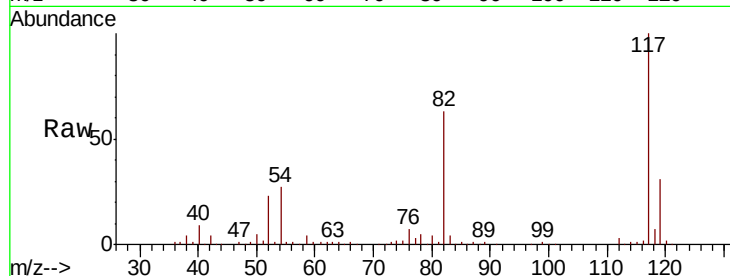




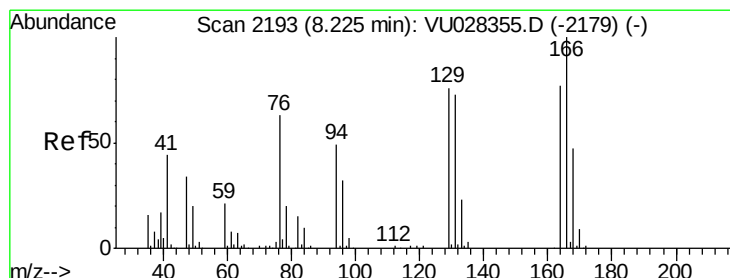
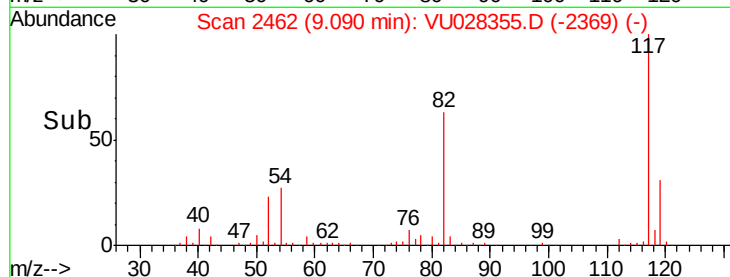
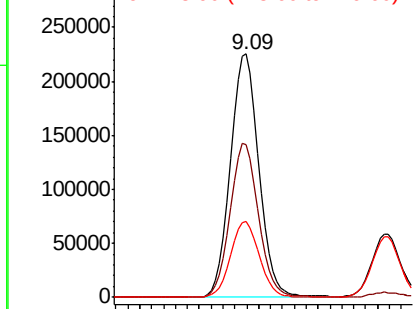
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 375269
Ion Ratio Lower Upper
117 100
82 62.9 50.3 75.5
119 31.0 24.8 37.2



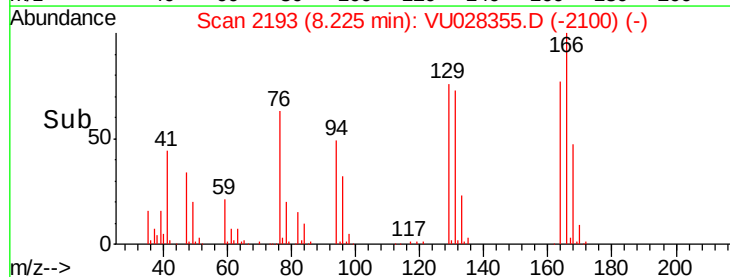
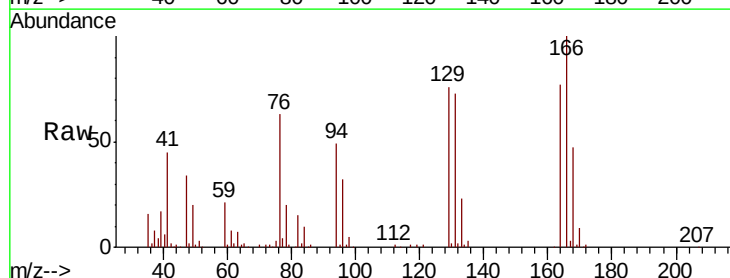
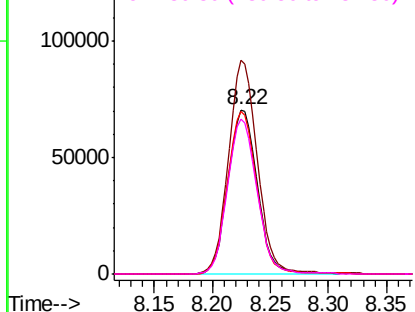
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

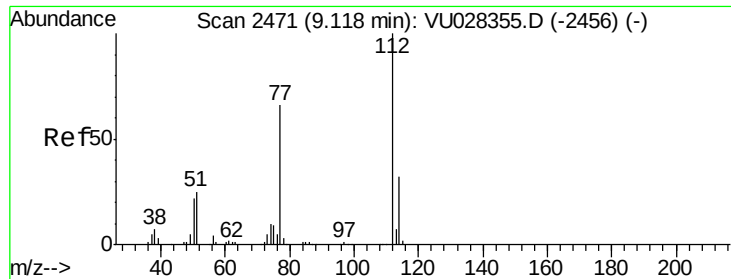


#64
Tetrachloroethene
Concen: 49.933 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion:164 Resp: 123259
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 99.0 79.2 118.8
131 94.6 75.7 113.5

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

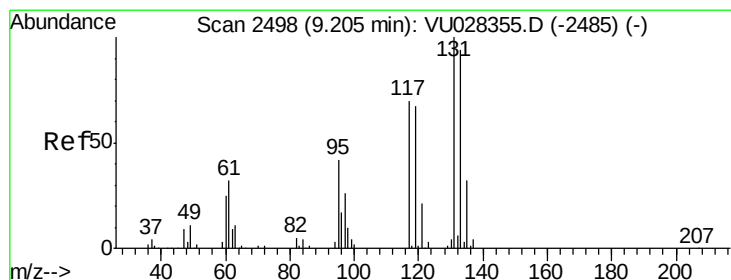
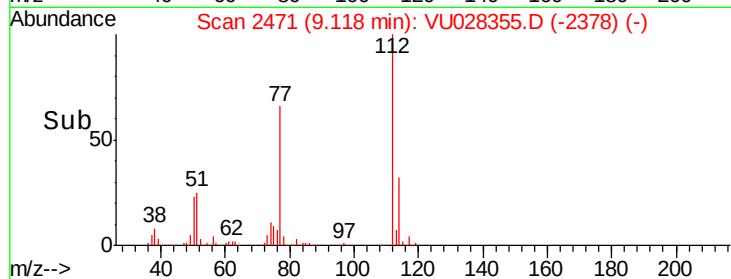
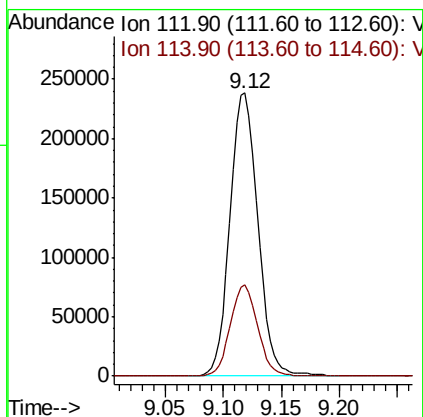
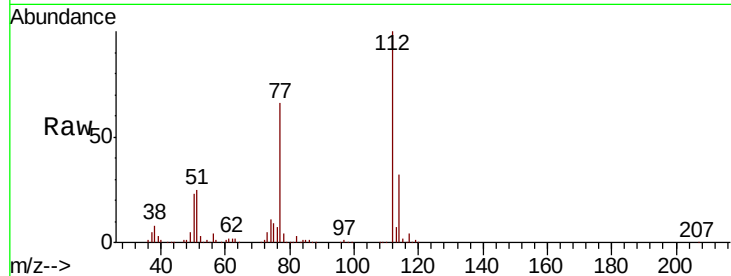




#65
Chlorobenzene
Concen: 51.185 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

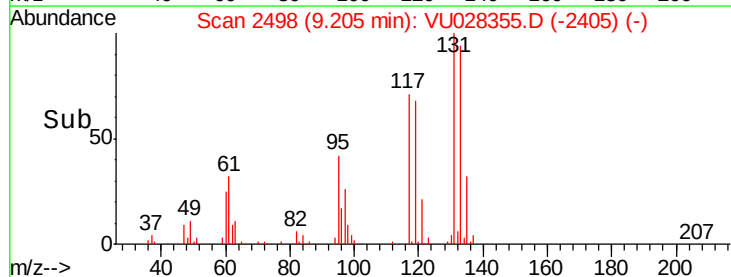
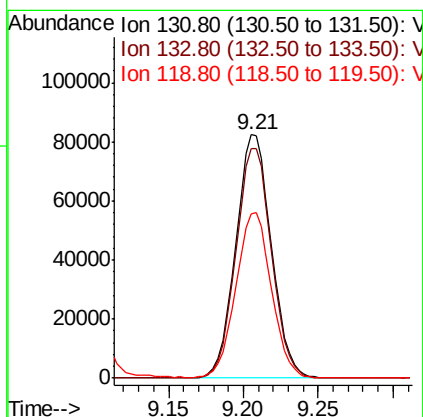
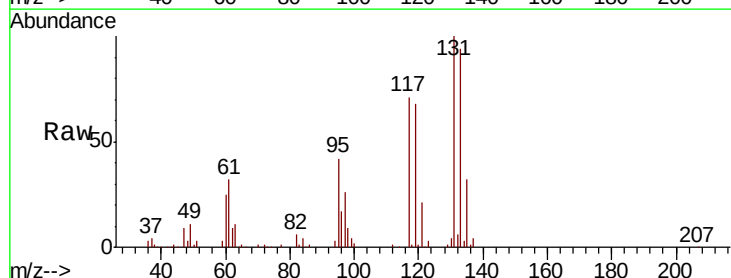
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

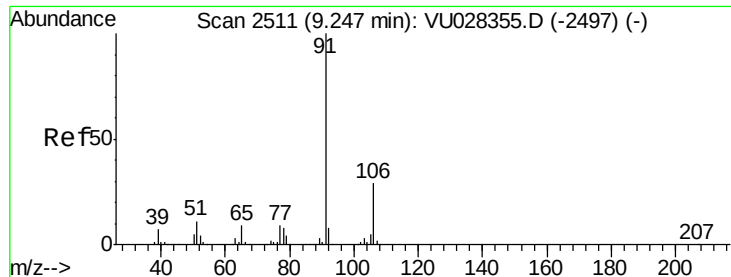
Tgt Ion:112 Resp: 398844
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.901 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion:131 Resp: 135955
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 68.1 34.1 102.2

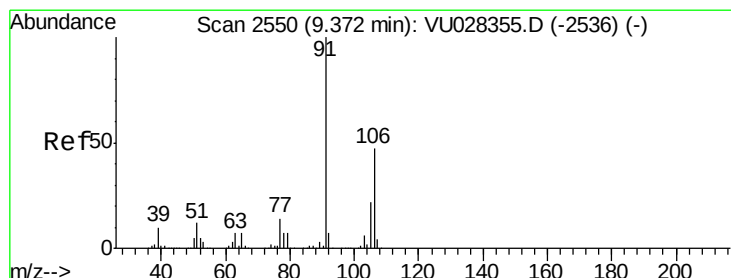
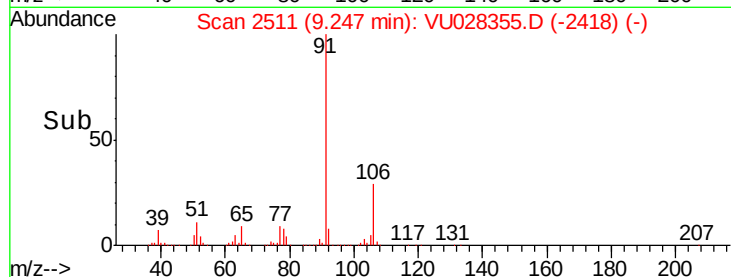
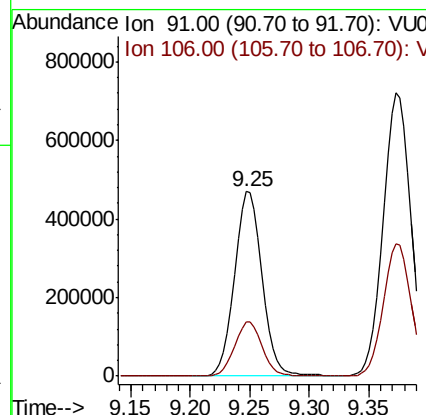
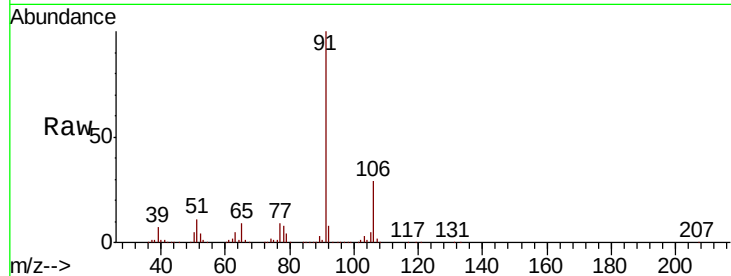




#67
 Ethyl Benzene
 Concen: 51.705 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

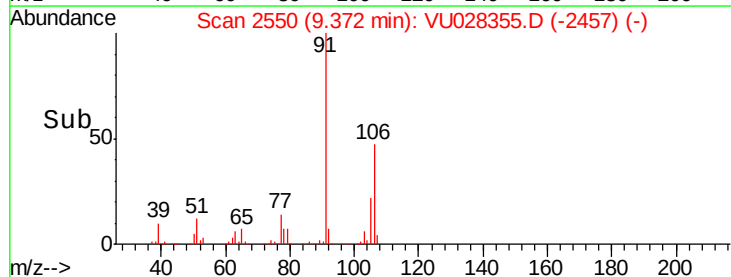
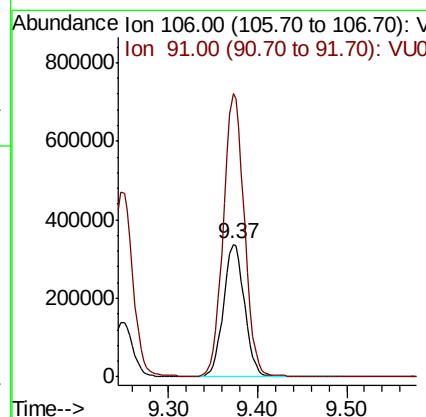
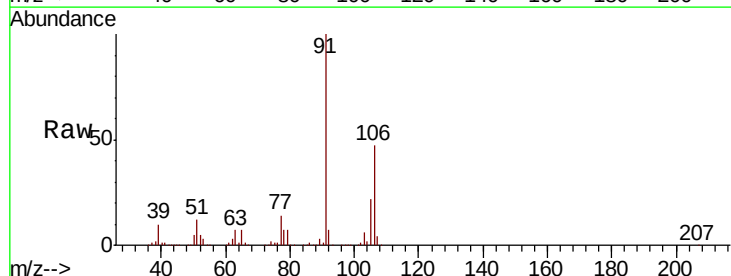
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

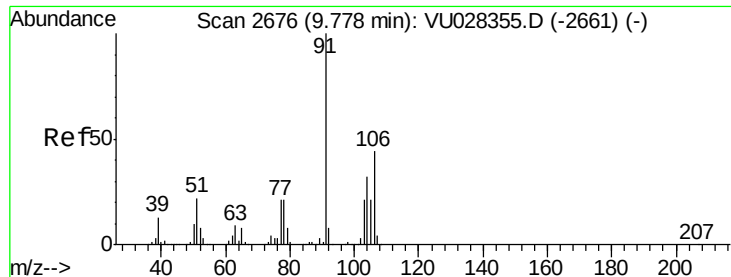
Tgt Ion: 91 Resp: 758820
 Ion Ratio Lower Upper
 91 100
 106 29.1 23.3 34.9



#68
 m/p-Xylenes
 Concen: 104.605 ug/l
 RT: 9.37 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 106 Resp: 552564
 Ion Ratio Lower Upper
 106 100
 91 213.8 171.0 256.6

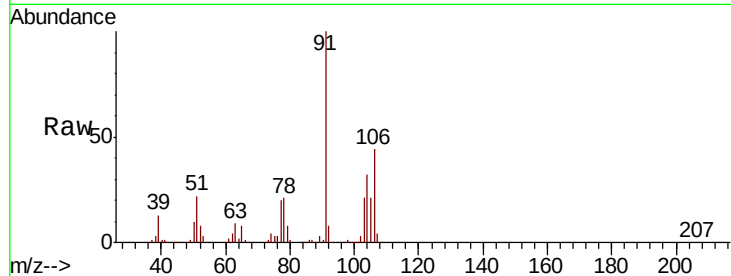




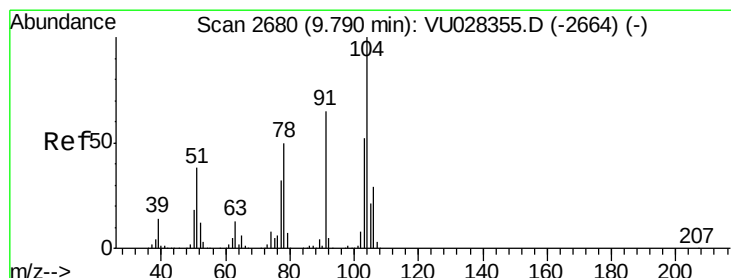
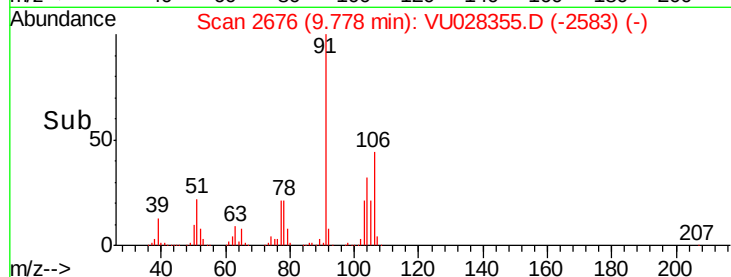
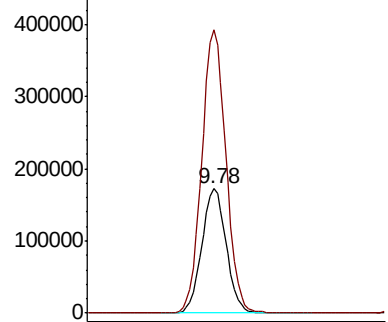
#69
o-Xylene
Concen: 51.533 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 270610
Ion Ratio Lower Upper
106 100
91 225.3 112.7 338.0

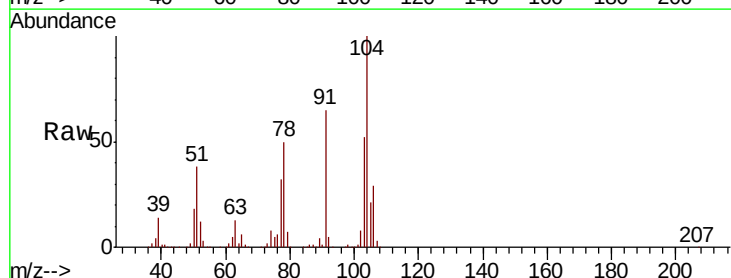


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

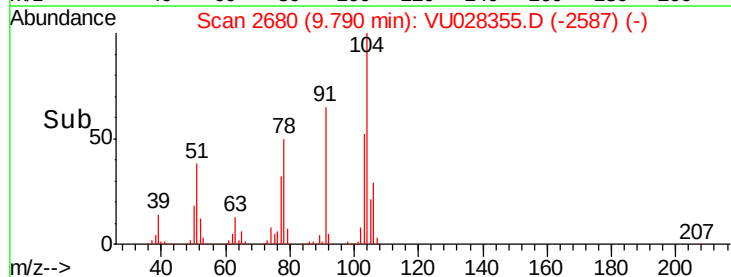
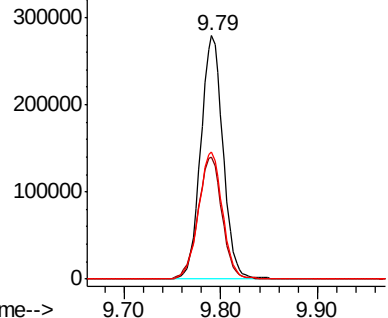


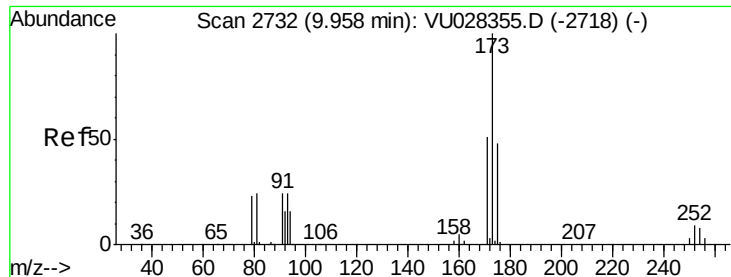
#70
Styrene
Concen: 52.671 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion:104 Resp: 446074
Ion Ratio Lower Upper
104 100
78 54.1 43.3 64.9
103 56.0 44.8 67.2



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





#71

Bromoform

Concen: 51.487 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

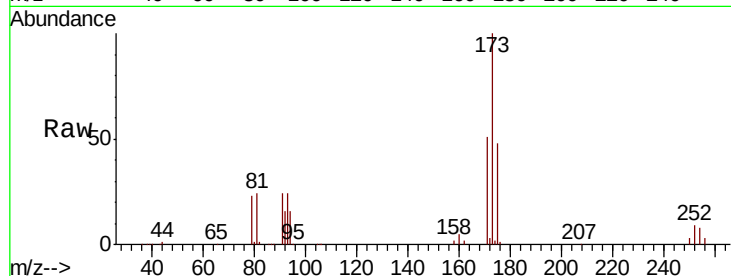
Tgt Ion:173 Resp: 115588

Ion Ratio Lower Upper

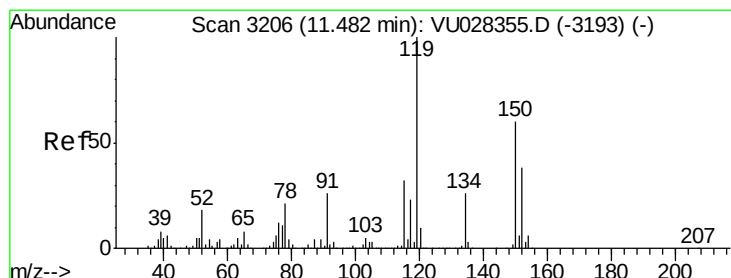
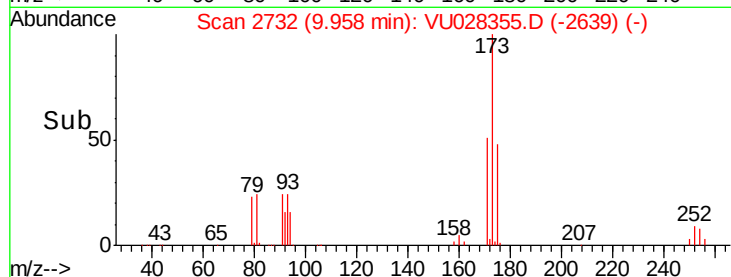
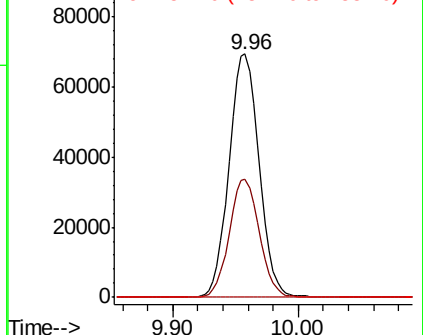
173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

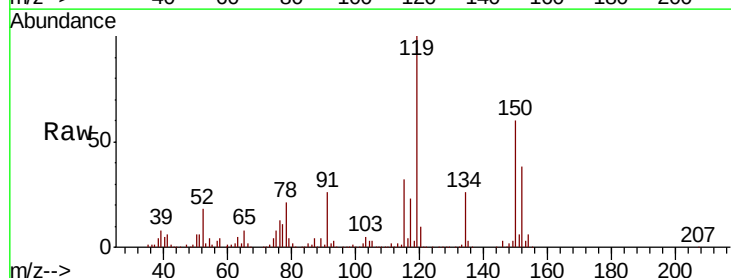
Tgt Ion:152 Resp: 180257

Ion Ratio Lower Upper

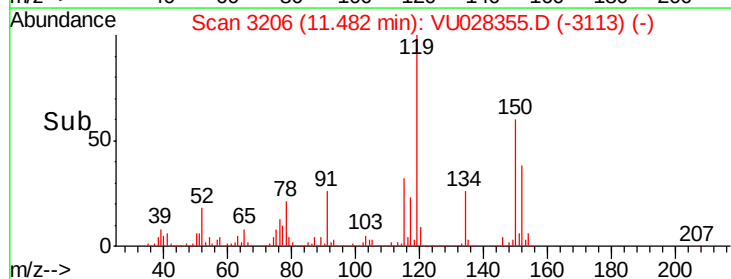
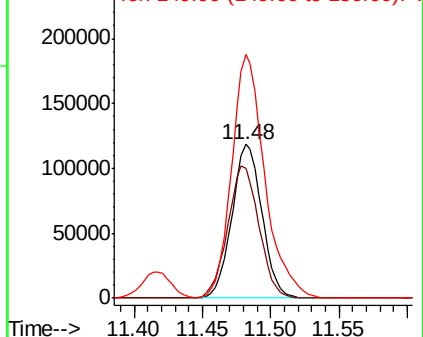
152 100

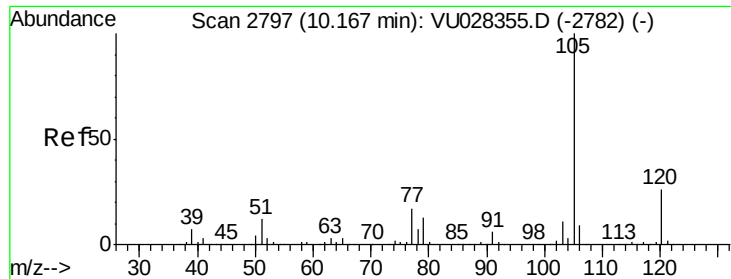
115 89.9 45.0 134.8

150 174.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 51.247 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

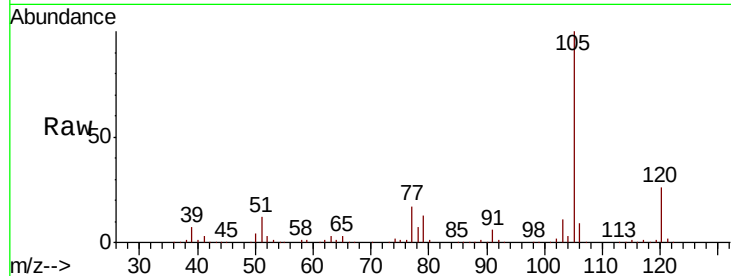
VSTDICCC050

Tgt Ion: 105 Resp: 718460

Ion Ratio Lower Upper

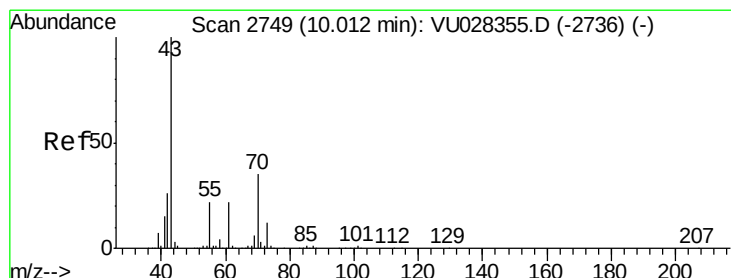
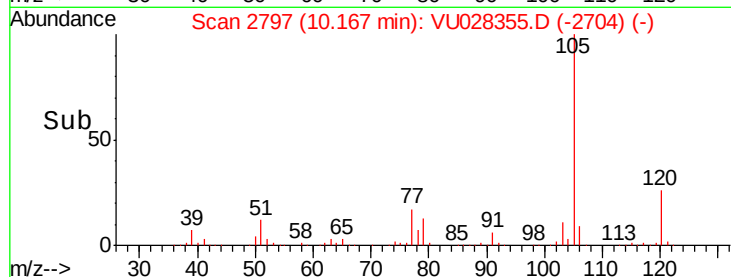
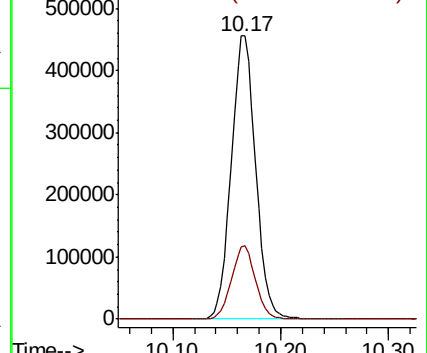
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.906 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Tgt Ion: 43 Resp: 447143

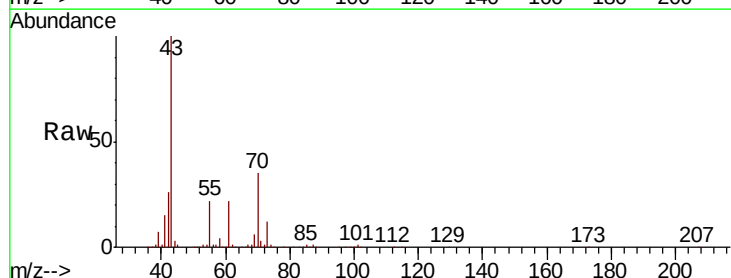
Ion Ratio Lower Upper

43 100

70 35.5 28.4 42.6

55 22.5 18.0 27.0

61 22.0 17.6 26.4

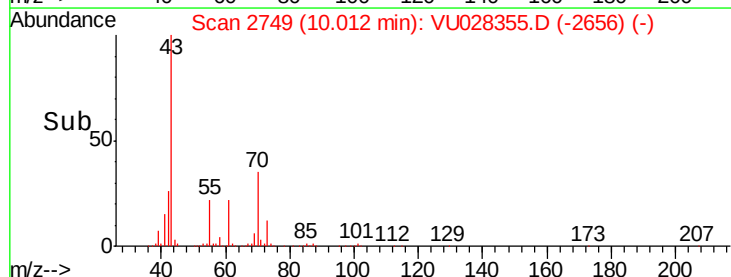
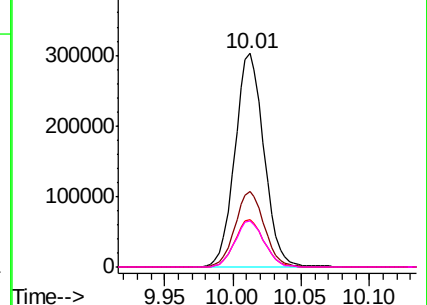


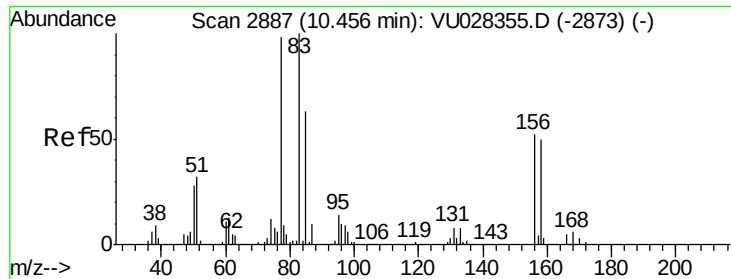
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.081 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

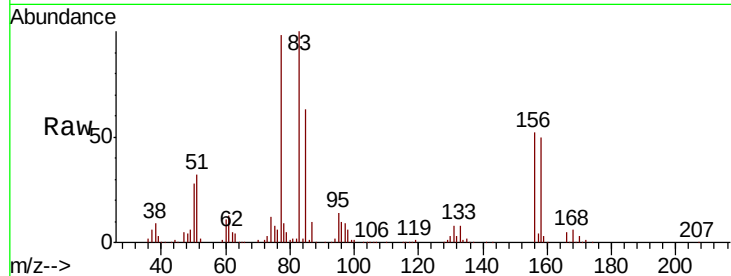
Tgt Ion: 83 Resp: 288727

Ion Ratio Lower Upper

83 100

131 8.1 4.0 12.2

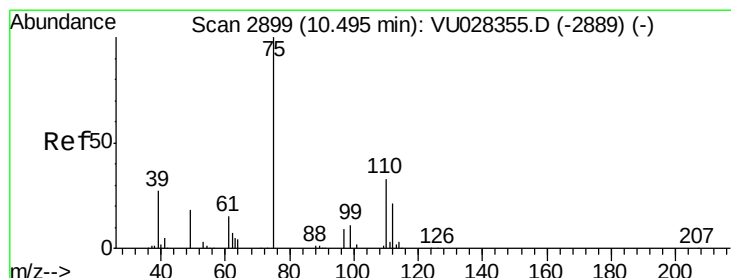
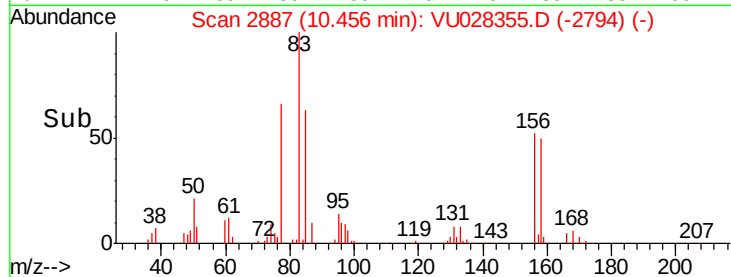
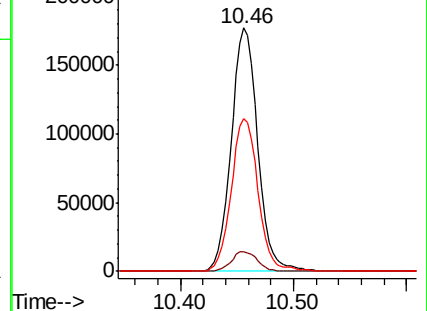
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 70.202 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU028355.D

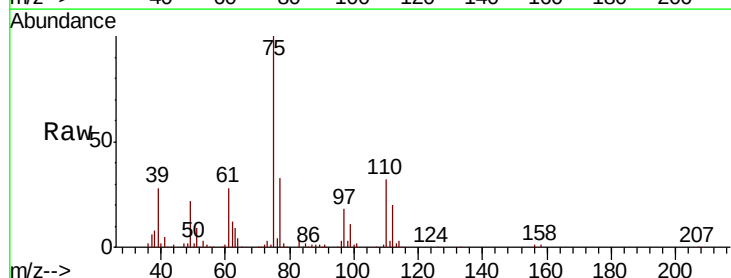
Acq: 28 Nov 2018 10:23

Tgt Ion: 75 Resp: 346471

Ion Ratio Lower Upper

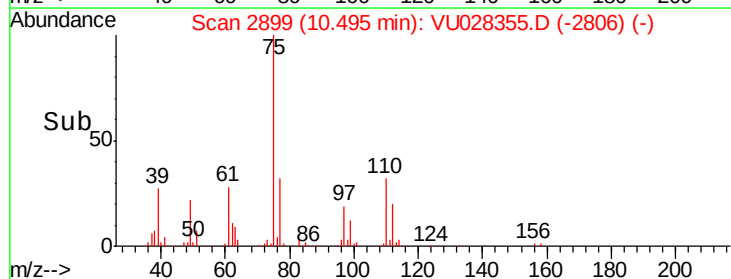
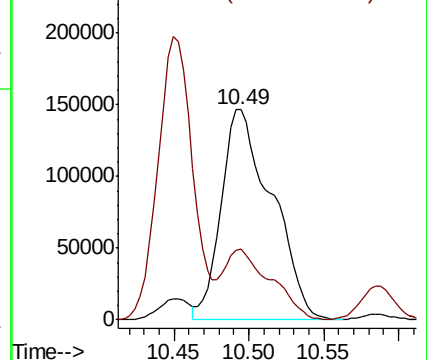
75 100

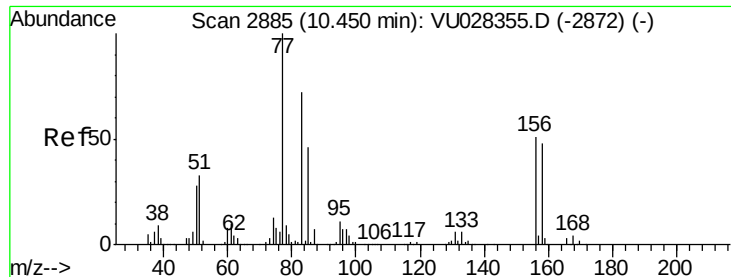
77 30.6 22.4 67.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 50.446 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU028355.D

Acq: 28 Nov 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

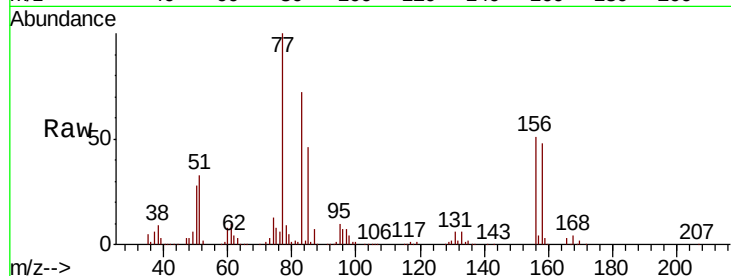
Tgt Ion:156 Resp: 166645

Ion Ratio Lower Upper

156 100

77 193.9 97.0 290.9

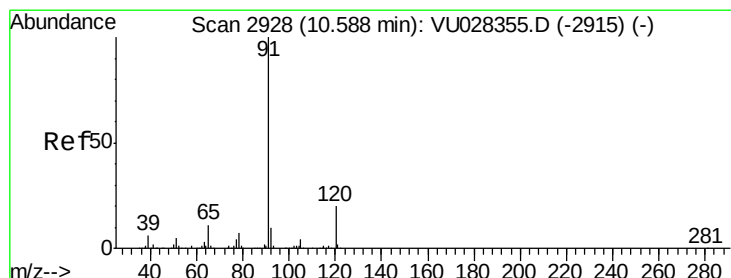
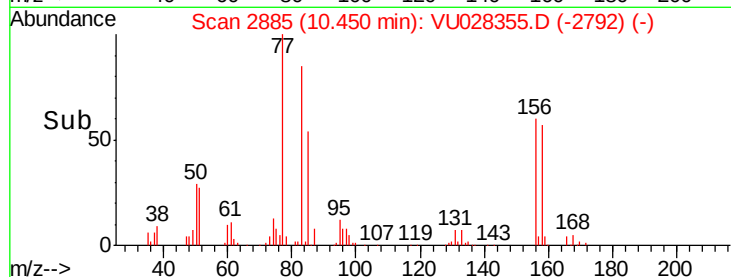
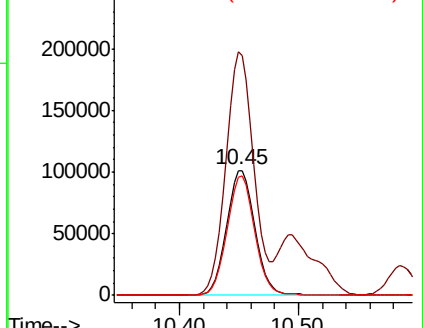
158 93.6 46.8 140.4



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: 51.652 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028355.D

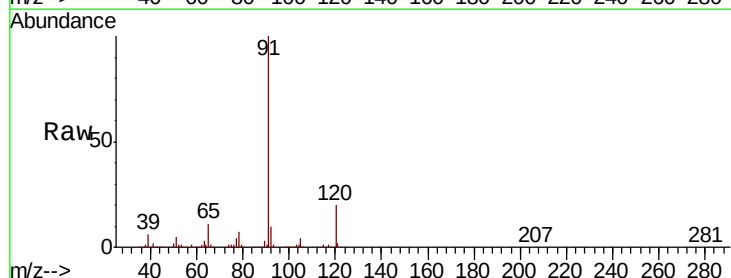
Acq: 28 Nov 2018 10:23

Tgt Ion: 91 Resp: 893306

Ion Ratio Lower Upper

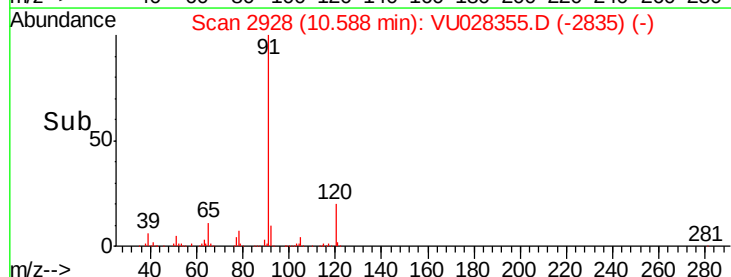
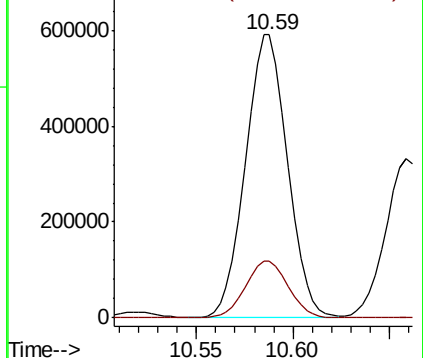
91 100

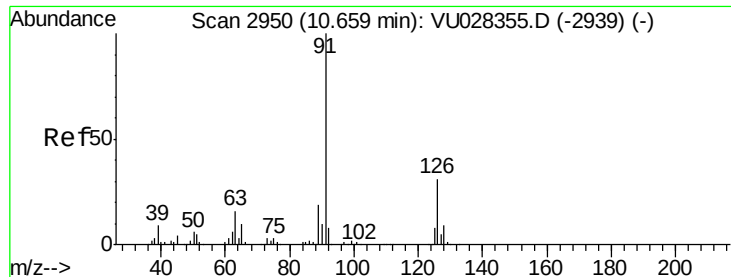
120 20.5 10.3 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

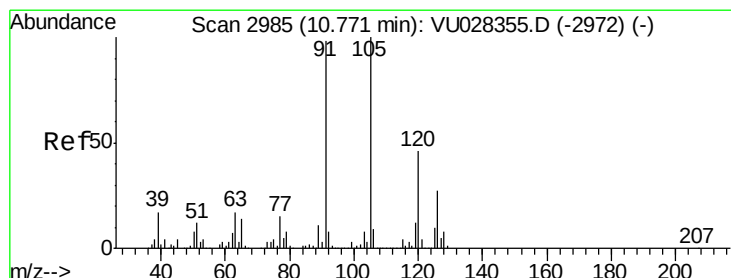
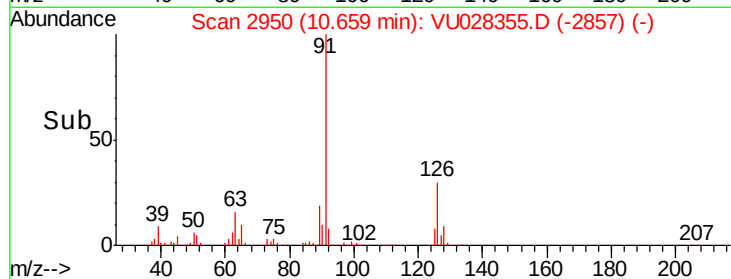
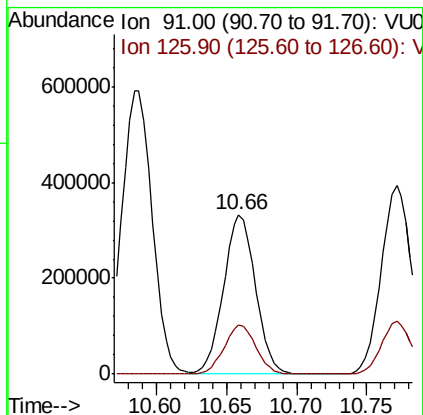
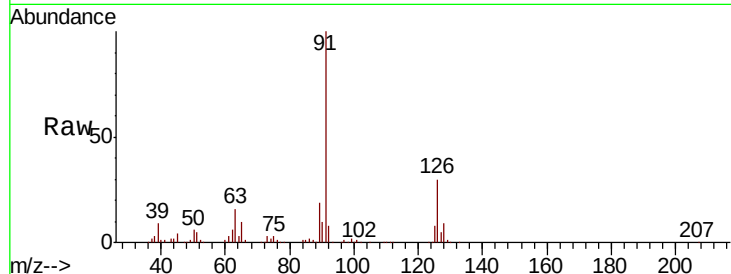




#79
 2-Chlorotoluene
 Concen: 51.465 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

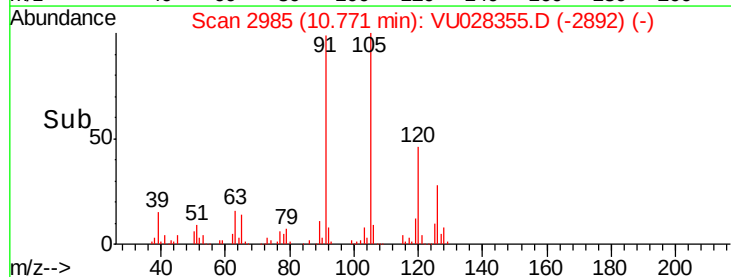
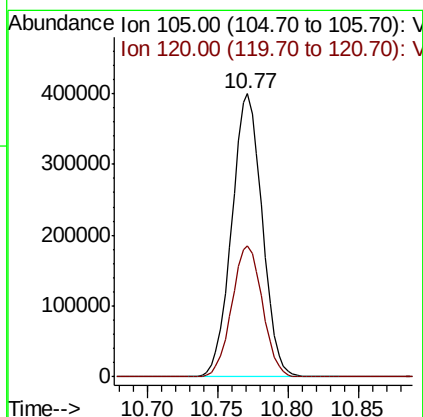
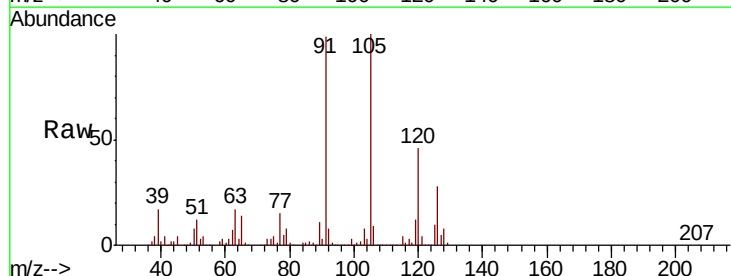
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

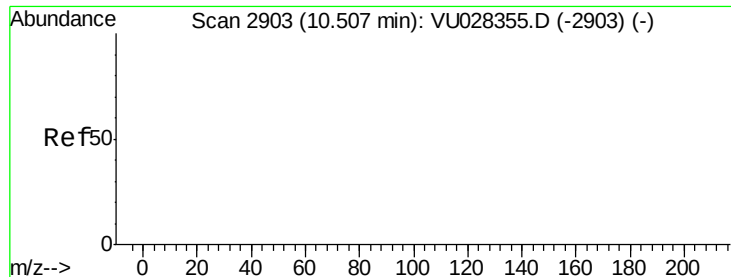
Tgt Ion: 91 Resp: 524703
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.4 46.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.120 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 105 Resp: 603941
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0

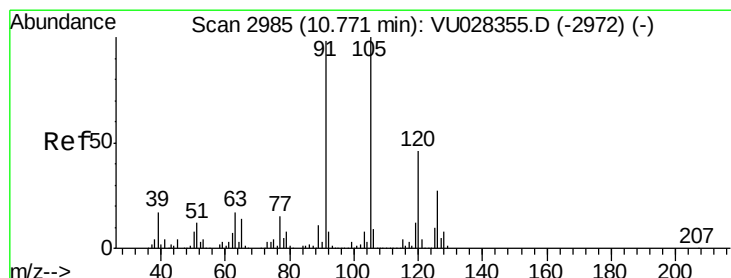
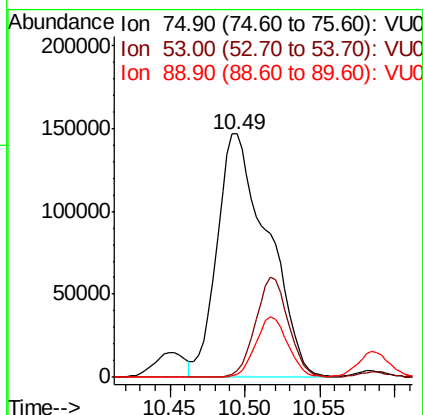
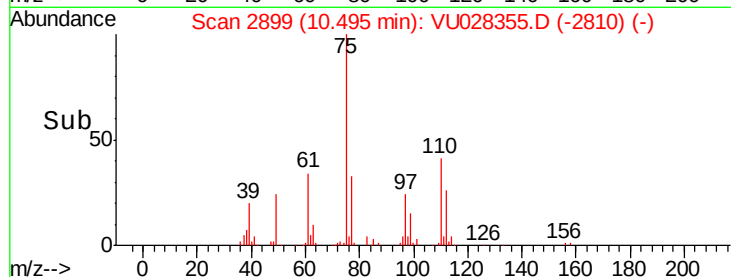
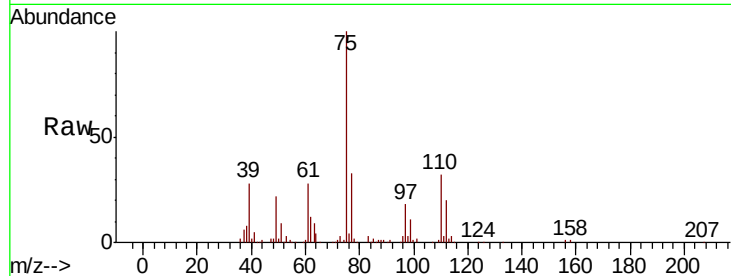




#81
trans-1,4-Dichloro-2-butene
Concen: 144.315 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

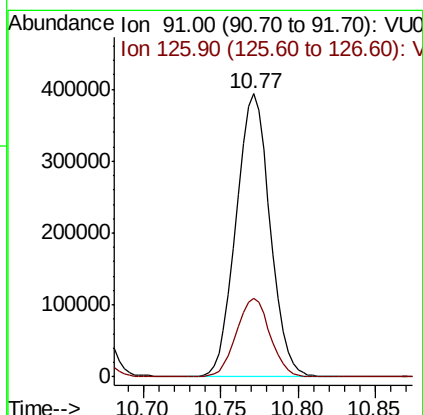
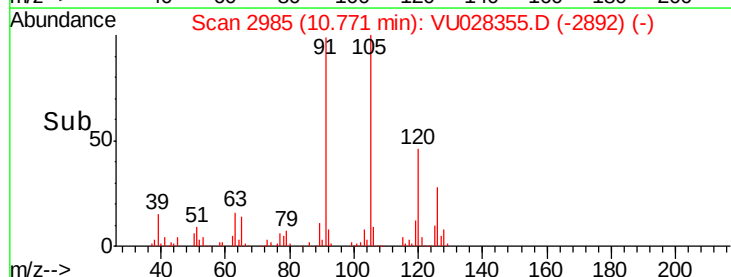
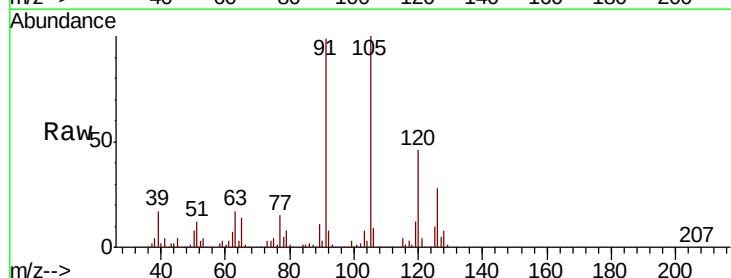
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

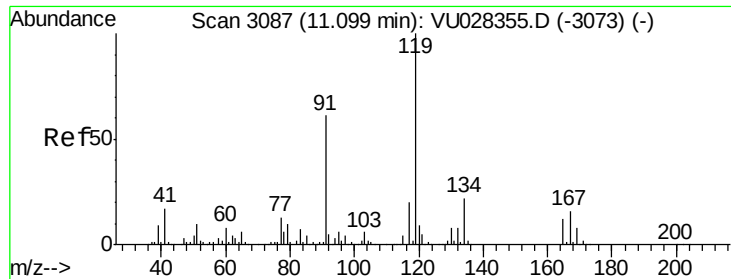
Tgt Ion: 75 Resp: 346471
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 50.833 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 91 Resp: 597117
Ion Ratio Lower Upper
91 100
126 27.7 13.9 41.6

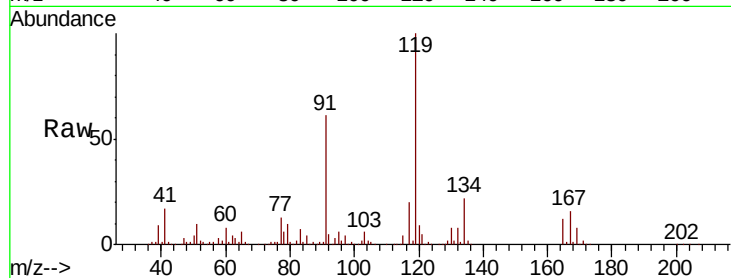




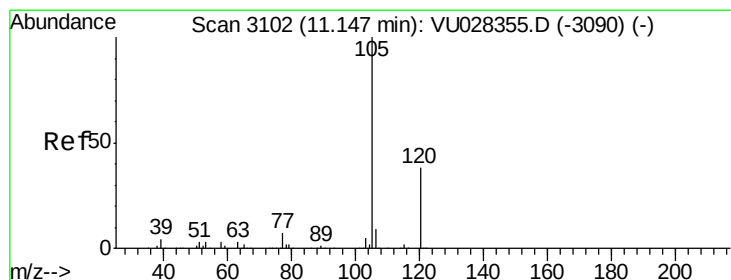
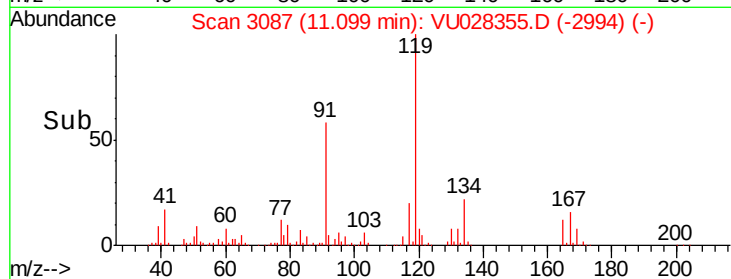
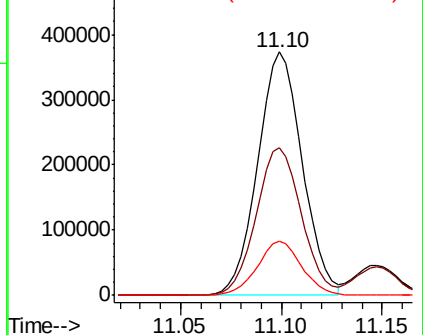
#83
 tert-Butylbenzene
 Concen: 52.253 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 575474
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.8 92.4
 134 22.1 11.1 33.1

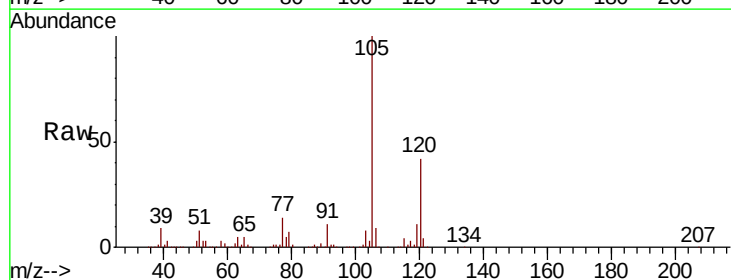


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

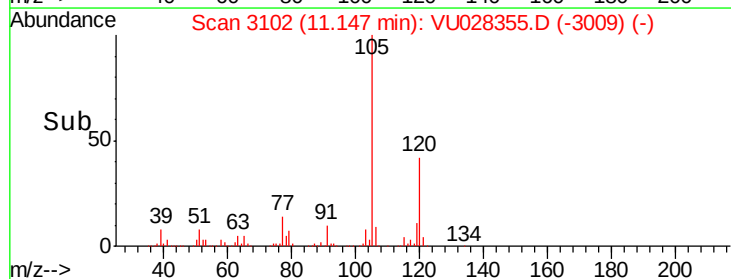
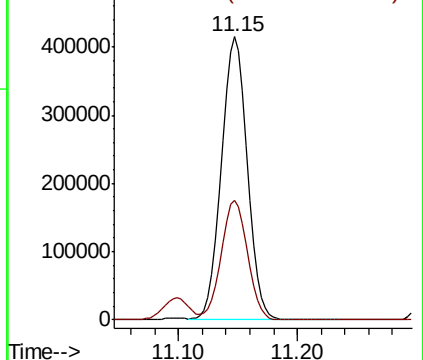


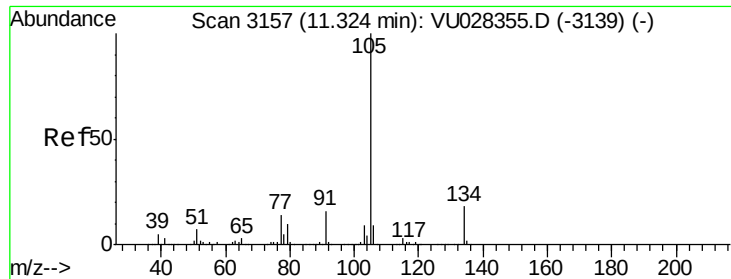
#84
 1,2,4-Trimethylbenzene
 Concen: 52.136 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion:105 Resp: 623873
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.4 64.3



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

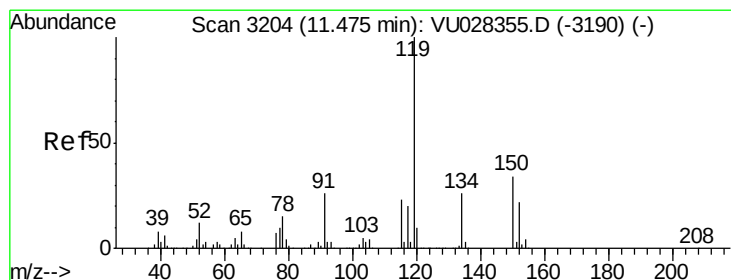
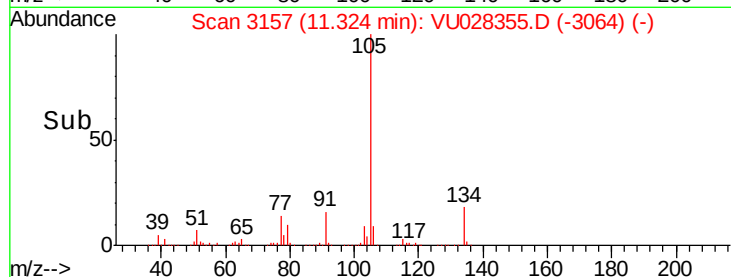
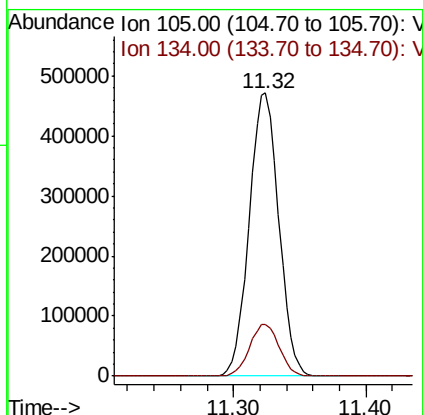
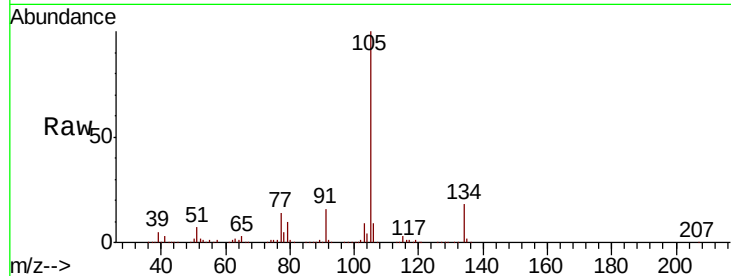




#85
 sec-Butylbenzene
 Concen: 50.979 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

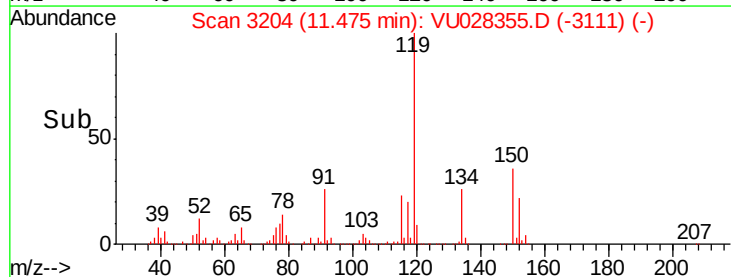
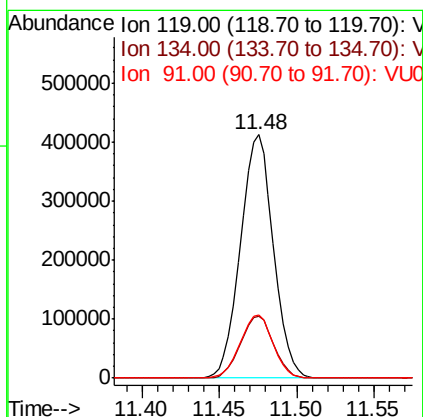
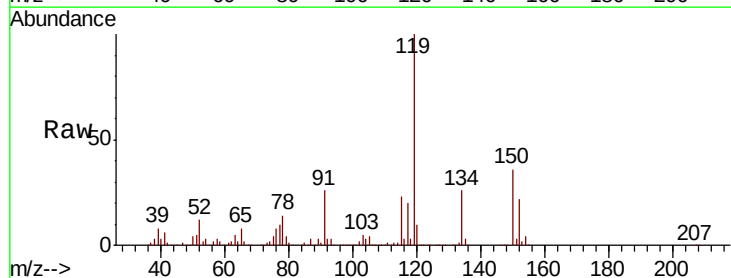
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

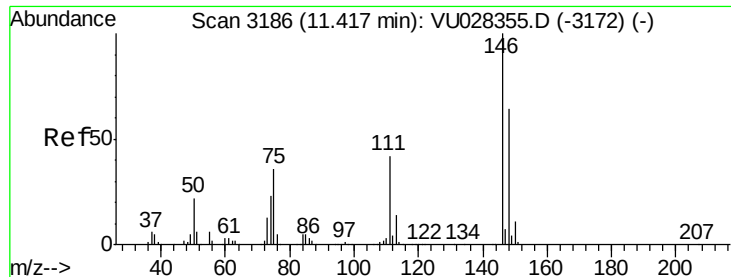
Tgt Ion:105 Resp: 729225
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 51.811 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion:119 Resp: 609393
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 26.1 13.1 39.1

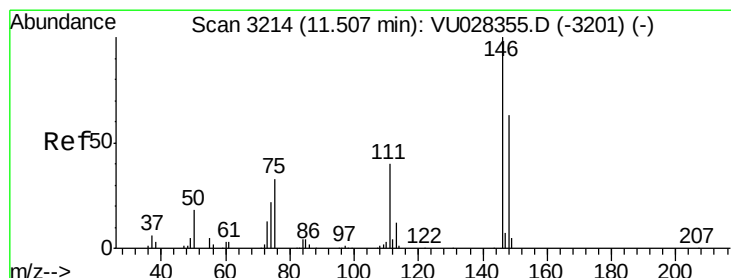
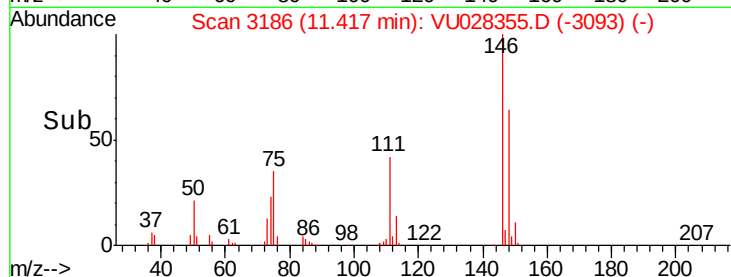
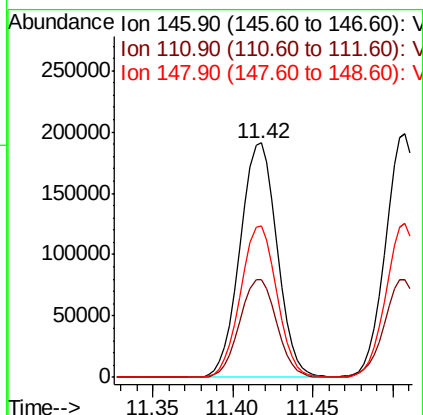
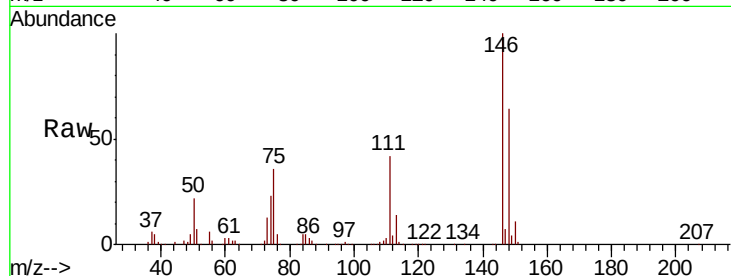




#87
 1,3-Dichlorobenzene
 Concen: 50.037 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

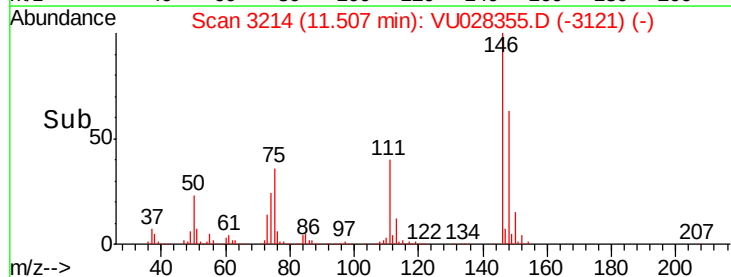
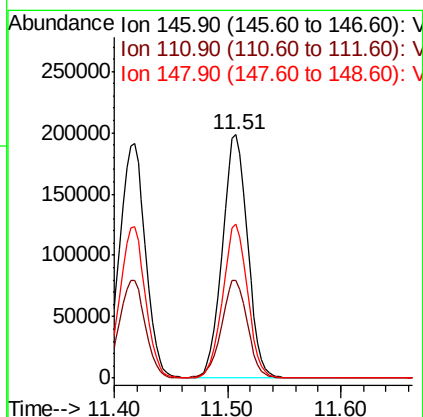
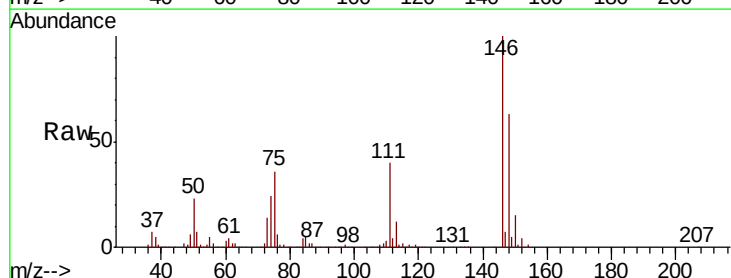
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

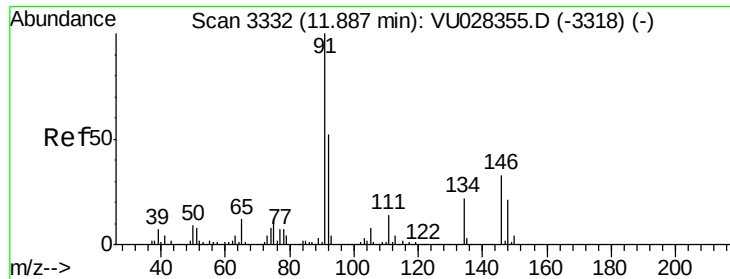
Tgt Ion:146 Resp: 301474
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.873 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion:146 Resp: 308478
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 62.3 31.1 93.5

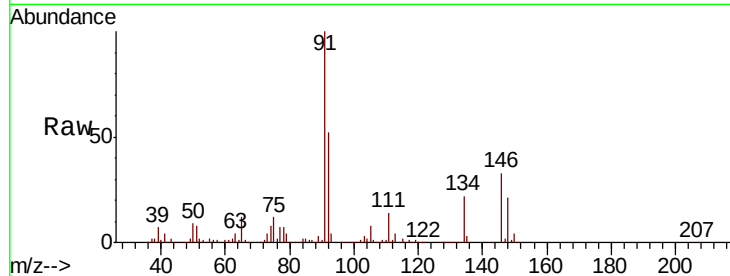




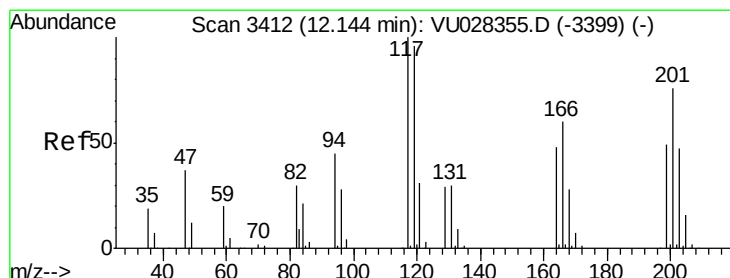
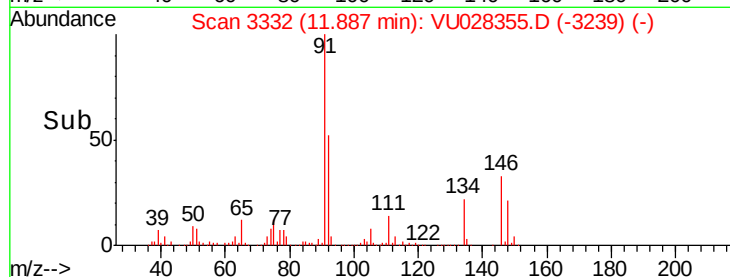
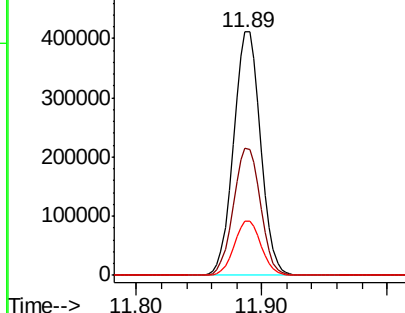
#89
n-Butylbenzene
Concen: 52.932 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 614444
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 22.1 11.1 33.1

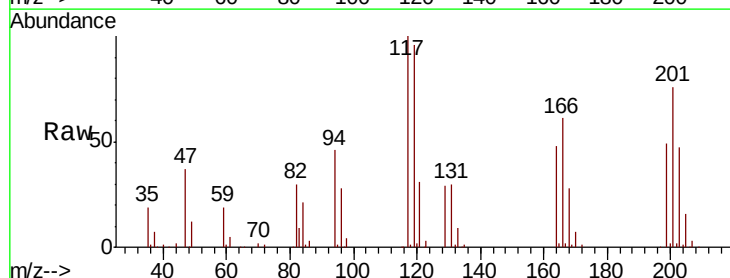


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

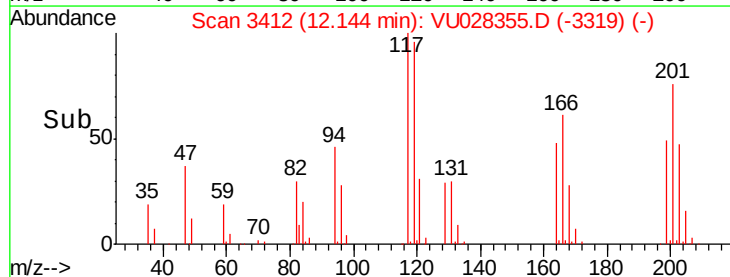
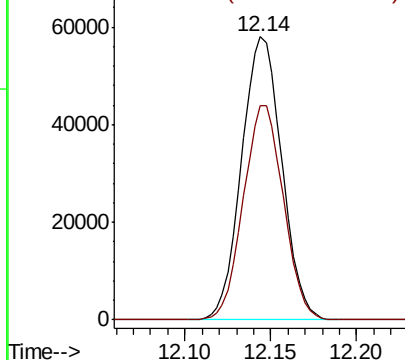


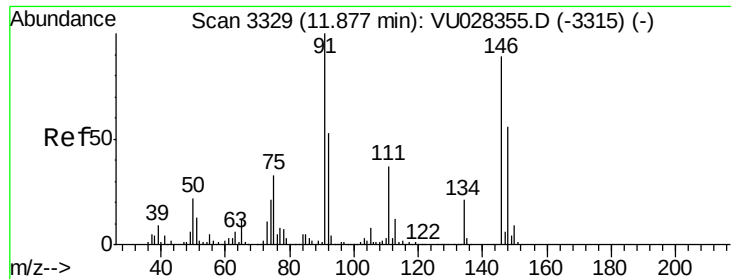
#90
Hexachloroethane
Concen: 51.352 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion: 117 Resp: 94296
Ion Ratio Lower Upper
117 100
201 75.4 37.7 113.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

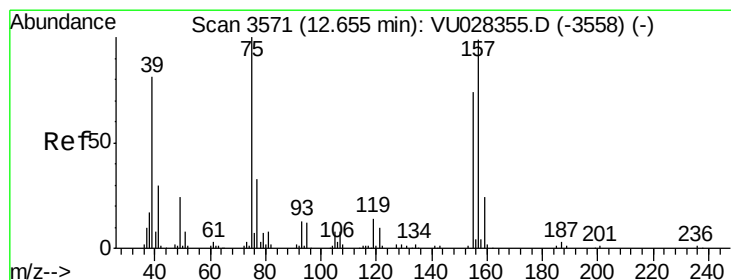
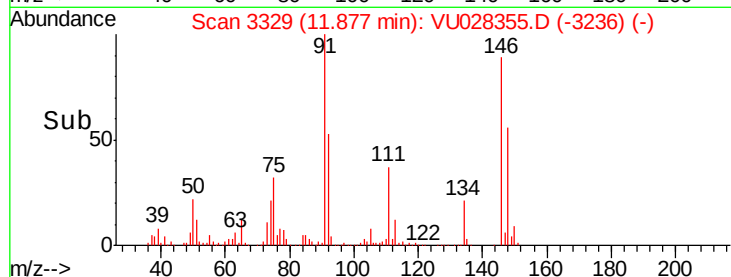
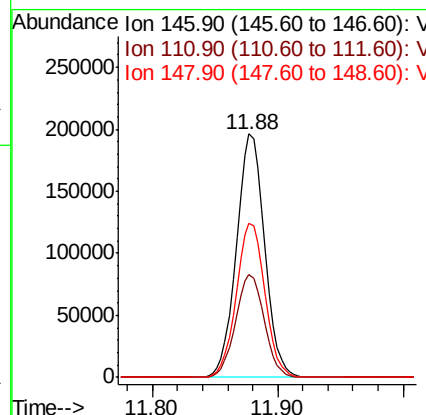
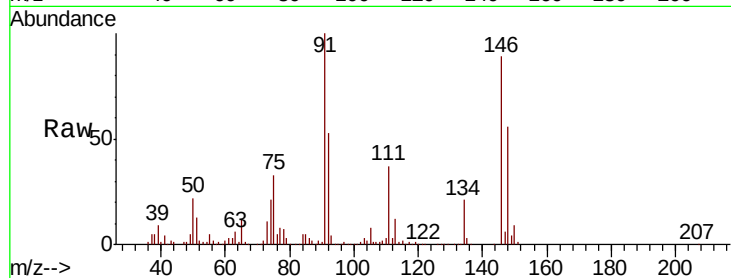




#91
 1,2-Dichlorobenzene
 Concen: 50.862 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

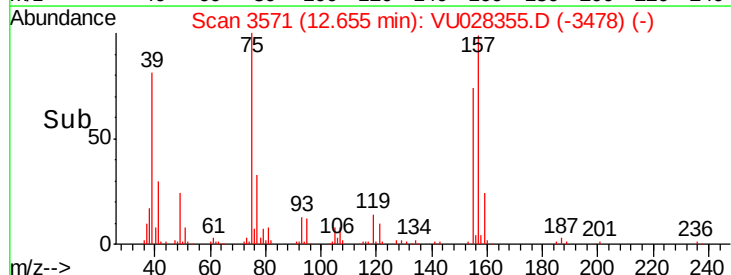
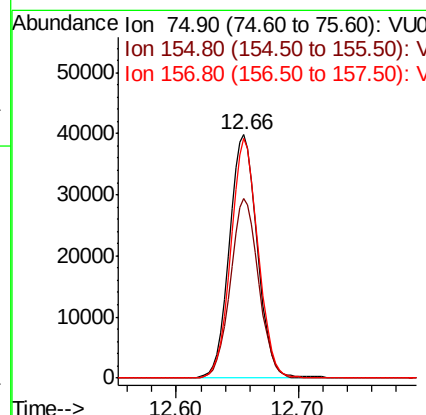
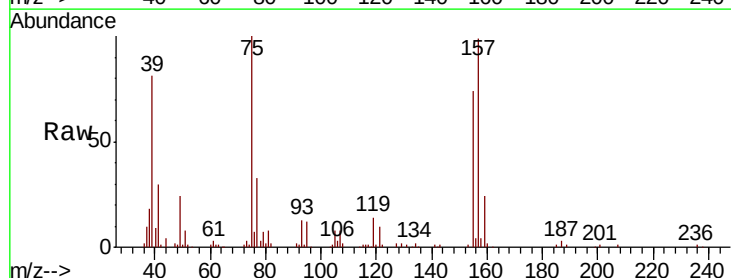
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

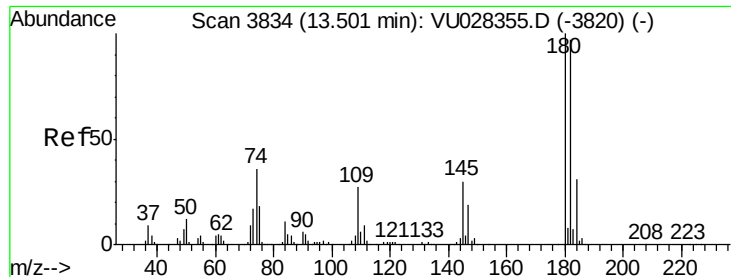
Tgt Ion: 146 Resp: 305748
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.996 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion: 75 Resp: 64113
 Ion Ratio Lower Upper
 75 100
 155 73.8 36.9 110.7
 157 95.0 47.5 142.5

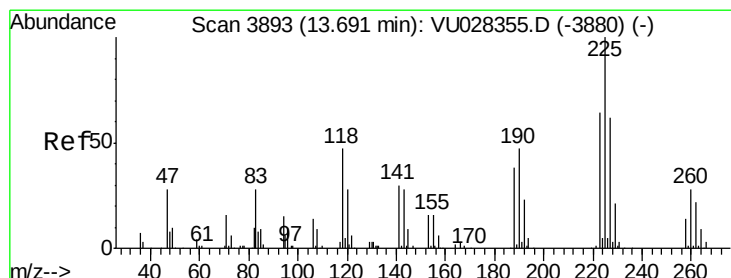
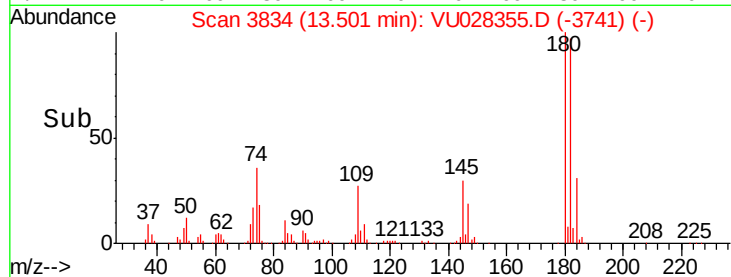
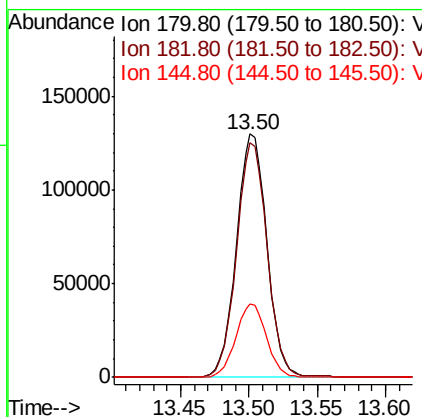
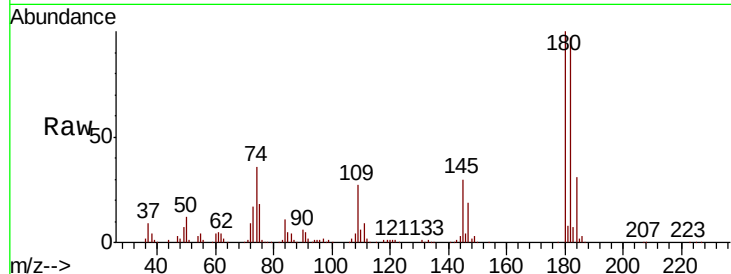




#93
 1,2,4-Trichlorobenzene
 Concen: 51.232 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

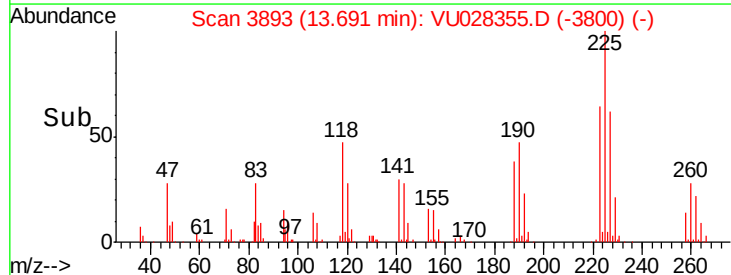
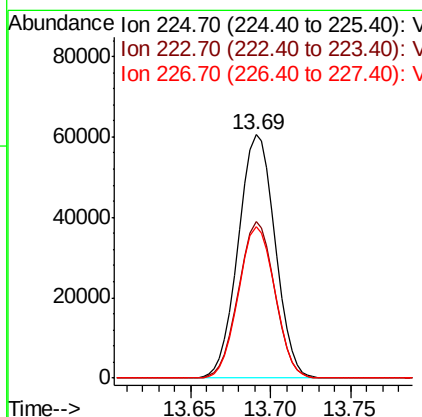
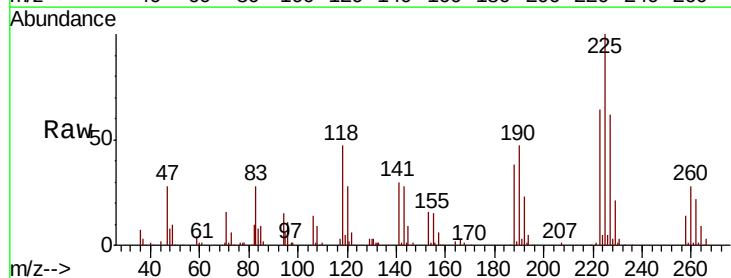
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

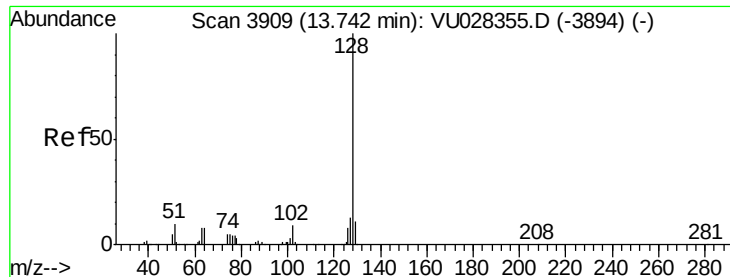
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.9
145	30.3	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 51.097 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028355.D
 Acq: 28 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	94.7
227	61.6	30.8	92.4

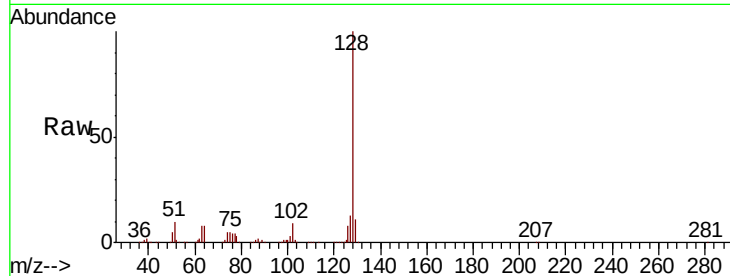




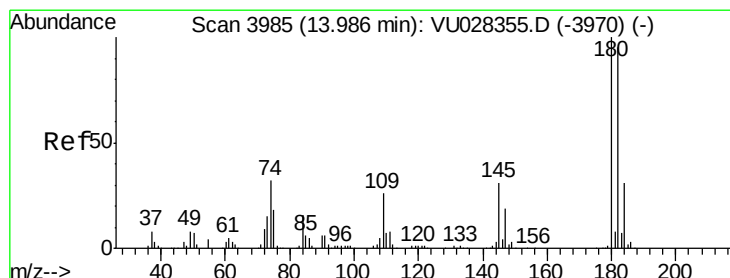
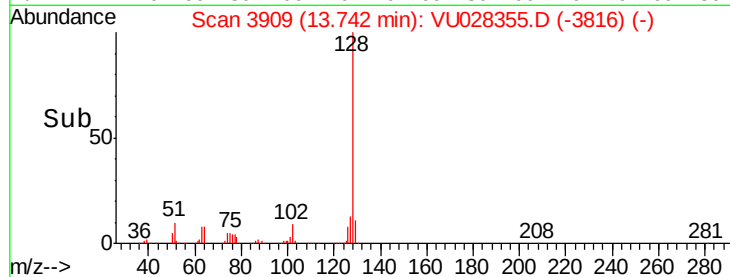
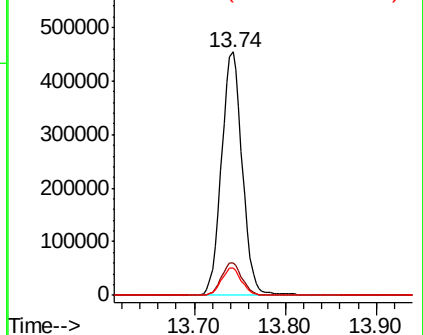
#95
Naphthalene
Concen: 54.036 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 723070
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8

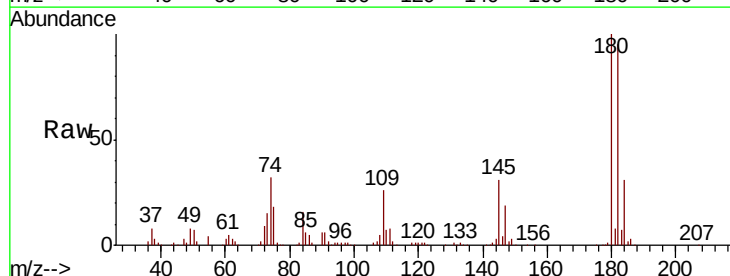


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.336 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028355.D
Acq: 28 Nov 2018 10:23

Tgt Ion:180 Resp: 208274
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 31.4 15.7 47.1



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

