

Data File : VN053394.D
Acq On : 14 Jan 2019 16:33
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 14 22:58:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	841268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1237772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	580716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	405996	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.59	113	362749	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.09	98	1485072	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	546023	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	362143	48.829	ug/l	100
3) Chloromethane	2.06	50	473567	45.723	ug/l	100
4) Vinyl Chloride	2.19	62	460034	46.536	ug/l	98
5) Bromomethane	2.57	94	312537	48.383	ug/l	99
6) Chloroethane	2.71	64	277123	46.444	ug/l	99
7) Trichlorofluoromethane	3.02	101	620604	48.468	ug/l	100
8) Diethyl Ether	3.41	74	237305	47.284	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	406809	50.130	ug/l	100
10) Methyl Iodide	3.96	142	579783	50.969	ug/l	100
11) Tert butyl alcohol	4.77	59	120348	228.610	ug/l	99
12) 1,1-Dichloroethene	3.74	96	375980	47.898	ug/l	99
13) Acrolein	3.61	56	191334	289.068	ug/l	97
14) Allyl chloride	4.33	41	598050	47.271	ug/l	99
15) Acrylonitrile	4.99	53	733173	233.303	ug/l	100
16) Acetone	3.81	43	589181	279.974	ug/l	99
17) Carbon Disulfide	4.06	76	1029582	42.544	ug/l	99
18) Methyl Acetate	4.32	43	359014	45.323	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1061828	48.198	ug/l	99
20) Methylene Chloride	4.55	84	436670	46.453	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	400866	47.562	ug/l	99
22) Diisopropyl ether	5.95	45	1350261	49.542	ug/l	98
23) Vinyl Acetate	5.90	43	4207648	245.355	ug/l	100
24) 1,1-Dichloroethane	5.85	63	767038	48.796	ug/l	99
25) 2-Butanone	6.83	43	856504	238.532	ug/l	99
26) 2,2-Dichloropropane	6.83	77	589678	51.318	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	477402	49.601	ug/l	99
28) Bromochloromethane	7.20	49	327737	48.926	ug/l	99
29) Tetrahydrofuran	7.21	42	537349	226.772	ug/l	99
30) Chloroform	7.37	83	756496	48.894	ug/l	99
31) Cyclohexane	7.65	56	719665	48.170	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	630272	48.885	ug/l	99
36) 1,1-Dichloropropene	7.79	75	589385	51.005	ug/l	99
37) Ethyl Acetate	6.93	43	358247	47.597	ug/l	100
38) Carbon Tetrachloride	7.77	117	551127	51.673	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	750009	56.025	ug/l	98
40) Benzene	8.04	78	1766925	50.058	ug/l	100
41) Methacrylonitrile	7.17	41	210819	45.115	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	524967	50.140	ug/l	100
43) Isopropyl Acetate	8.16	43	658692	44.486	ug/l	99
44) Trichloroethene	8.83	130	488652	50.417	ug/l	100
45) 1,2-Dichloropropane	9.12	63	472822	51.073	ug/l	100
46) Dibromomethane	9.21	93	273476	50.664	ug/l	99
47) Bromodichloromethane	9.40	83	584037	51.920	ug/l	99
48) Methyl methacrylate	9.20	41	329454	48.975	ug/l	100
49) 1,4-Dioxane	9.20	88	71915	1003.402	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1834399	246.356	ug/l	100
52) Toluene	10.16	92	1121688	51.798	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	608194	52.853	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	701546	52.758	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	398866	50.094	ug/l	99
56) Ethyl methacrylate	10.43	69	533585	51.568	ug/l	100
57) 1,3-Dichloropropane	10.71	76	676451	50.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1390295	248.535	ug/l	100
59) 2-Hexanone	10.75	43	1316245	257.996	ug/l	100
60) Dibromochloromethane	10.90	129	450251	52.427	ug/l	99
61) 1,2-Dibromoethane	11.00	107	394519	50.209	ug/l	98
64) Tetrachloroethene	10.63	164	542833	50.508	ug/l	99
65) Chlorobenzene	11.43	112	1262498	50.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	440086	50.687	ug/l	100
67) Ethyl Benzene	11.51	91	2211088	52.456	ug/l	100
68) m/p-Xylenes	11.62	106	1685418	106.336	ug/l	100
69) o-Xylene	11.95	106	824011	53.103	ug/l	99
70) Styrene	11.96	104	1362729	53.960	ug/l	100
71) Bromoform	12.13	173	315640	51.468	ug/l #	100
73) Isopropylbenzene	12.25	105	2219159	51.327	ug/l	100
74) N-amyl acetate	12.07	43	620337	48.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	457075	45.957	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	632243	74.644	ug/l #	100
77) Bromobenzene	12.53	156	568029	49.225	ug/l	100
78) n-propylbenzene	12.59	91	2609723	53.362	ug/l	99
79) 2-Chlorotoluene	12.67	91	1489141	50.322	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1840502	52.848	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	146946	51.043	ug/l	99
82) 4-Chlorotoluene	12.77	91	1548241	51.023	ug/l	100
83) tert-Butylbenzene	12.99	119	1620667	53.040	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1869760	52.699	ug/l	100
85) sec-Butylbenzene	13.17	105	2254724	55.953	ug/l	100
86) p-Isopropyltoluene	13.29	119	1982108	56.811	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1046205	51.484	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1035075	51.348	ug/l	100
89) n-Butylbenzene	13.62	91	1728225	59.082	ug/l	100
90) Hexachloroethane	13.88	117	306809	54.864	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	991218	52.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66659	55.257	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011419\
Quantitation Report (Not Reviewed)

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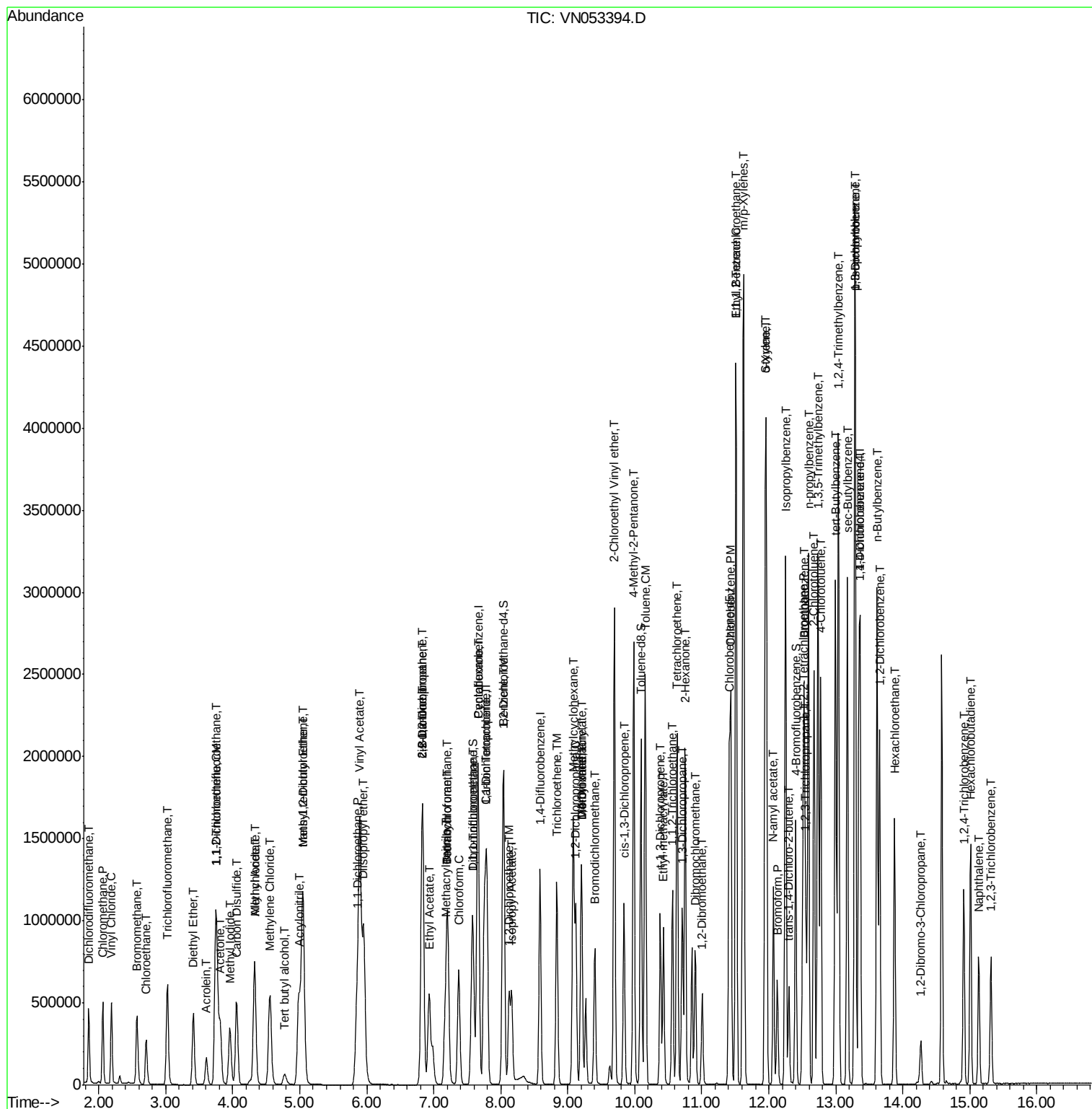
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	422900	70.660	ug/l	100
94) Hexachlorobutadiene	15.01	225	325874	66.568	ug/l	99
95) Naphthalene	15.13	128	699357	68.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	293834	74.987	ug/l	99

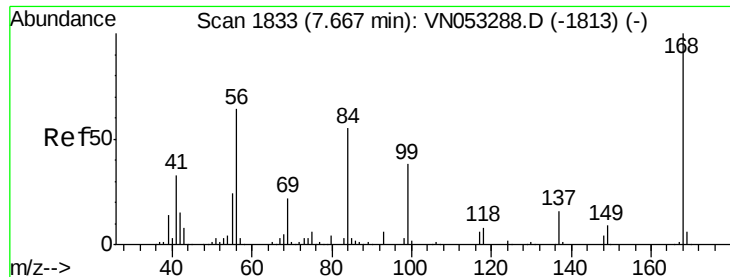
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

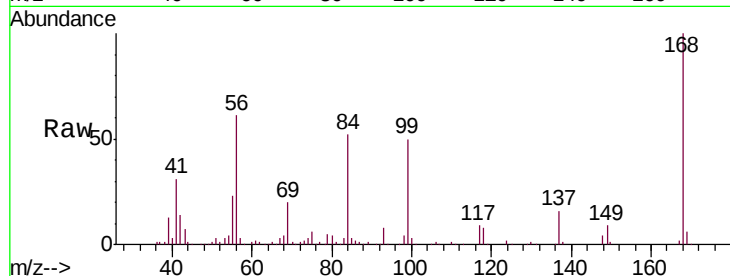
VSTDCCC050EC

Tgt Ion:168 Resp: 841268

Ion Ratio Lower Upper

168 100

99 49.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

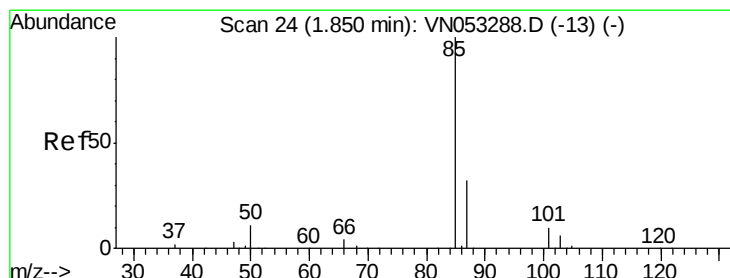
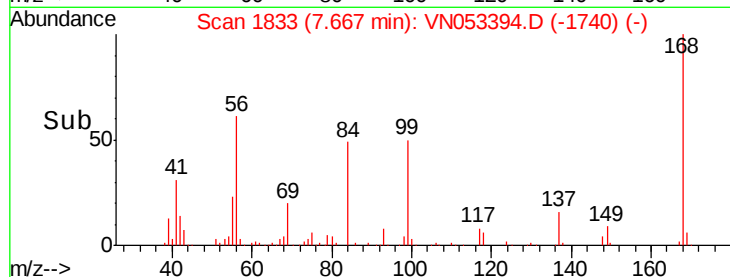
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.829 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053394.D

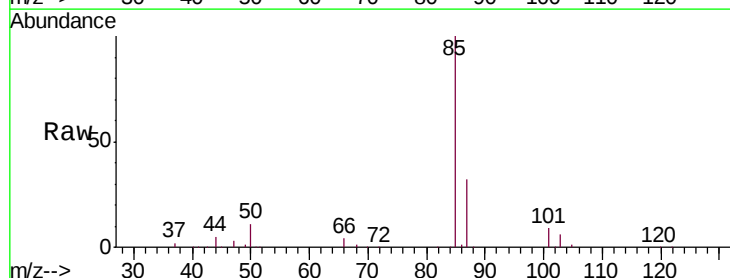
Acq: 14 Jan 2019 16:33

Tgt Ion: 85 Resp: 362143

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

300000

250000

200000

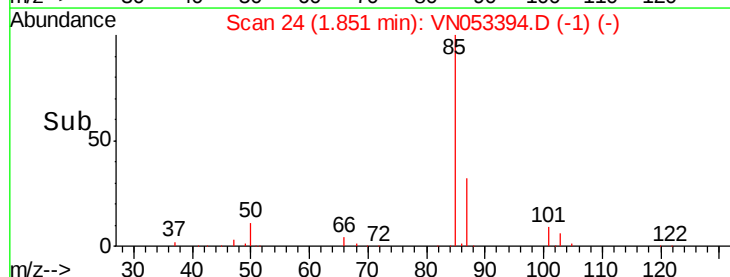
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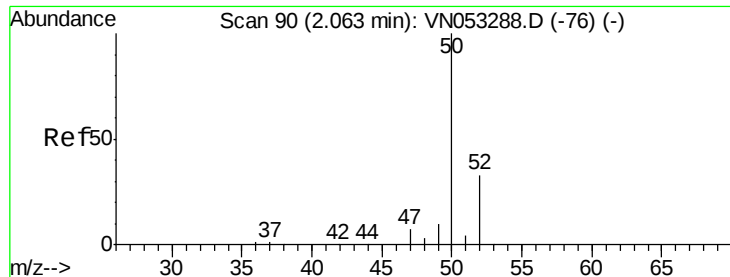
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.723 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

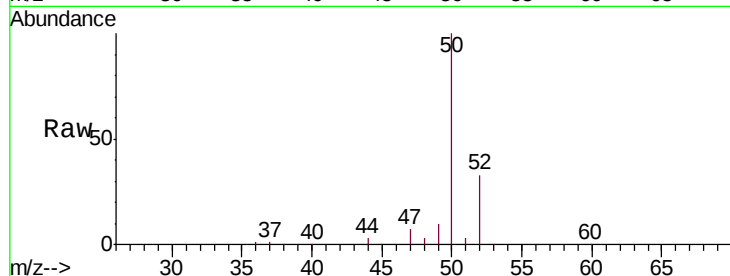
VSTDCCC050EC

Tgt Ion: 50 Resp: 473567

Ion Ratio Lower Upper

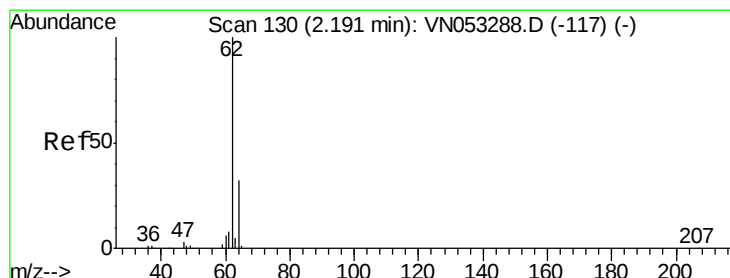
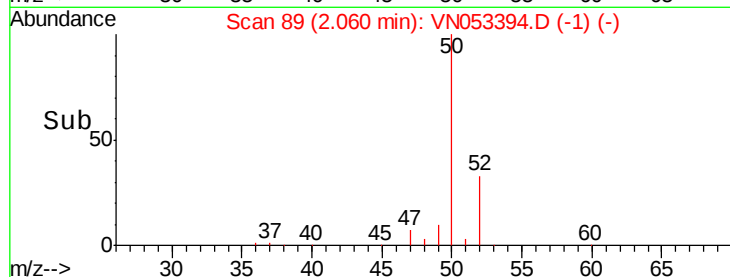
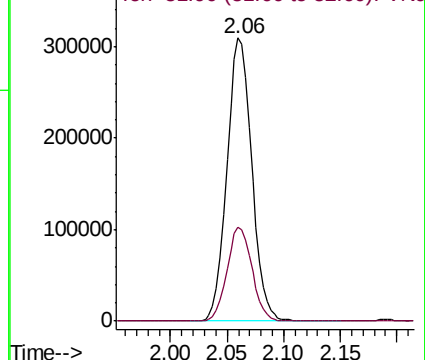
50 100

52 33.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.536 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053394.D

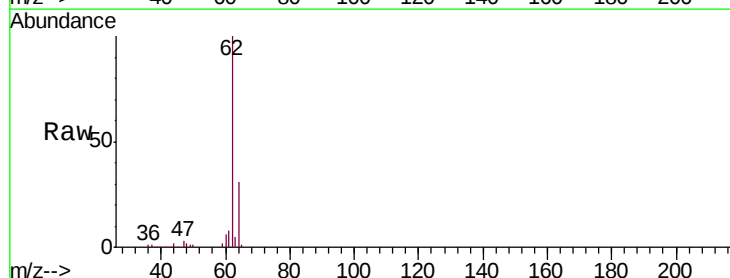
Acq: 14 Jan 2019 16:33

Tgt Ion: 62 Resp: 460034

Ion Ratio Lower Upper

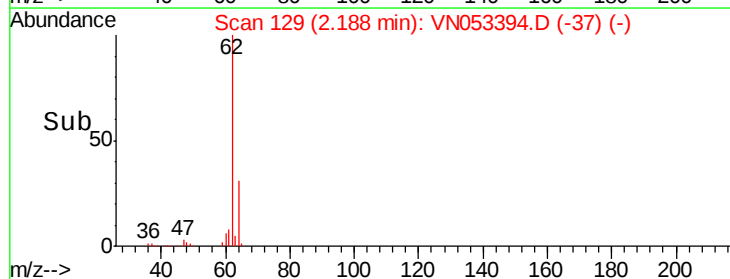
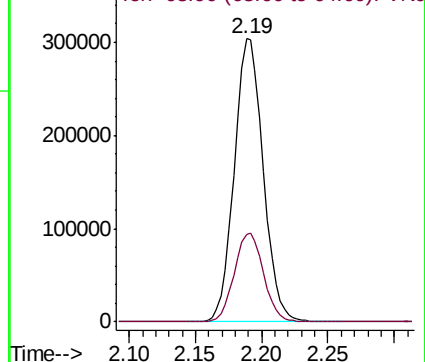
62 100

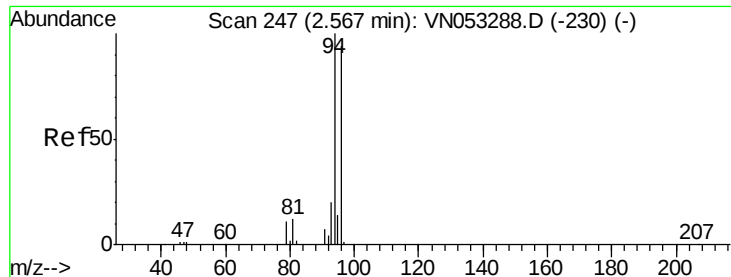
64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.383 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

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ClientSampleId :

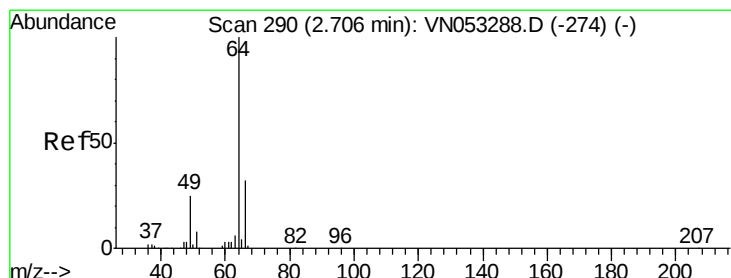
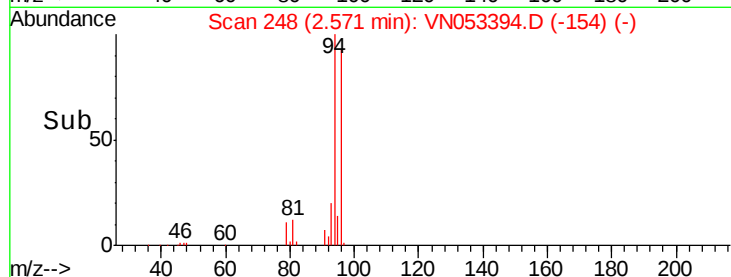
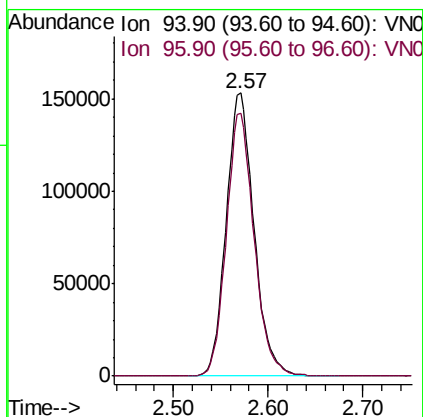
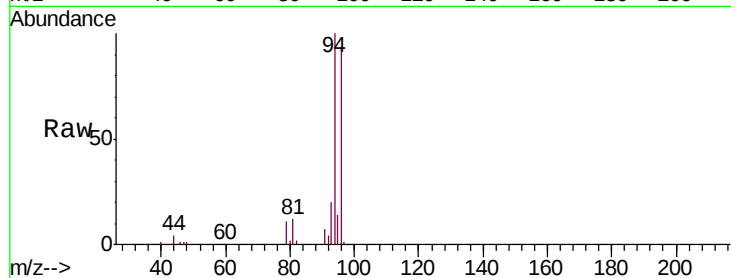
VSTDCCC050EC

Tgt Ion: 94 Resp: 312537

Ion Ratio Lower Upper

94 100

96 92.9 74.9 112.3



#6

Chloroethane

Concen: 46.444 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053394.D

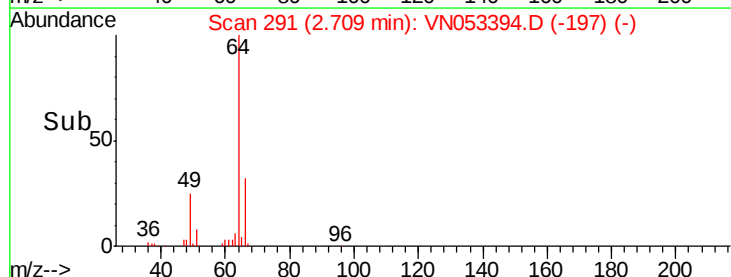
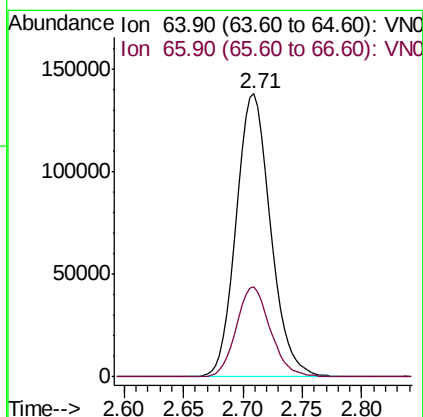
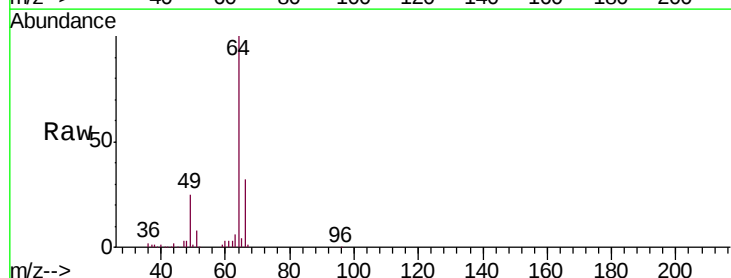
Acq: 14 Jan 2019 16:33

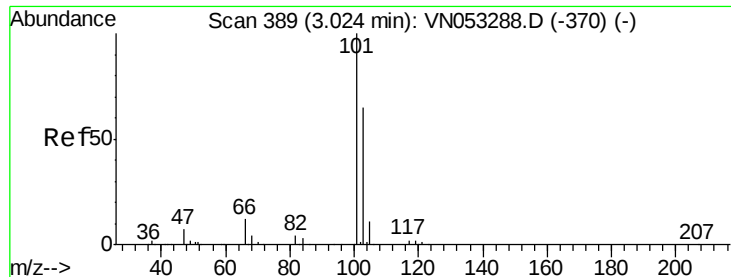
Tgt Ion: 64 Resp: 277123

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4



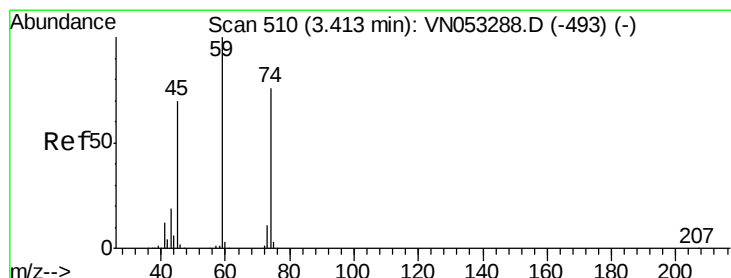
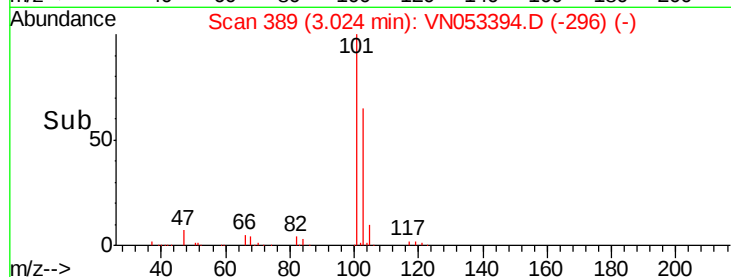
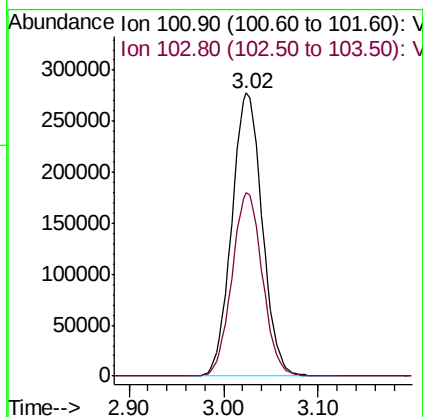
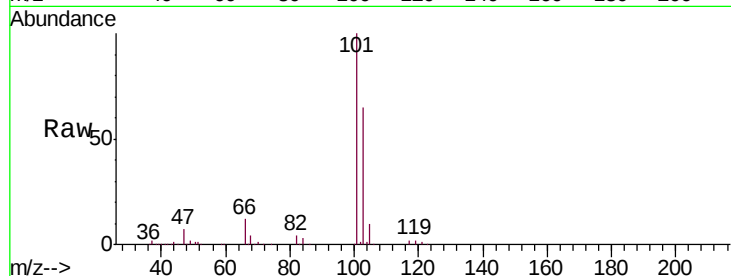


#7

Trichlorofluoromethane
 Concen: 48.468 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
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 VSTDCCC050EC

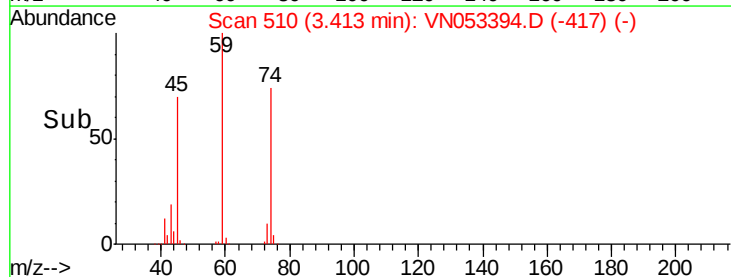
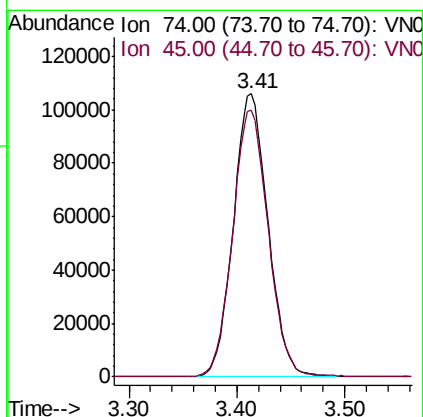
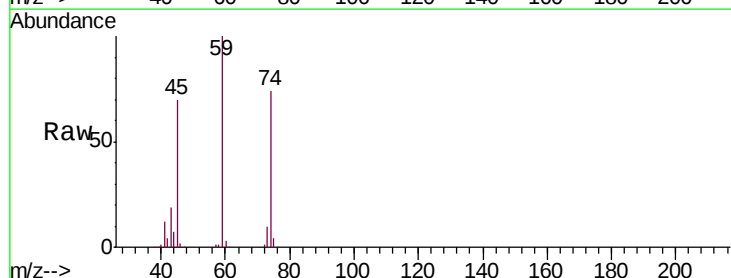
Tgt Ion:101 Resp: 620604
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.1 78.1

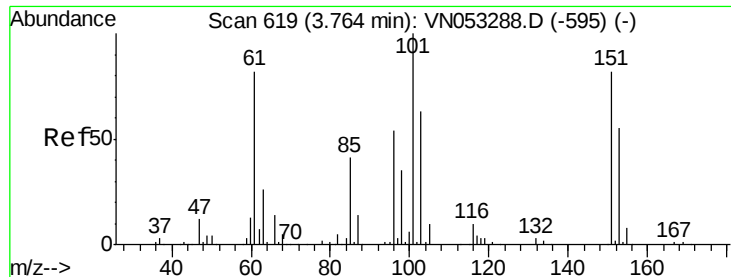


#8

Diethyl Ether
 Concen: 47.284 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 74 Resp: 237305
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.130 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053394.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

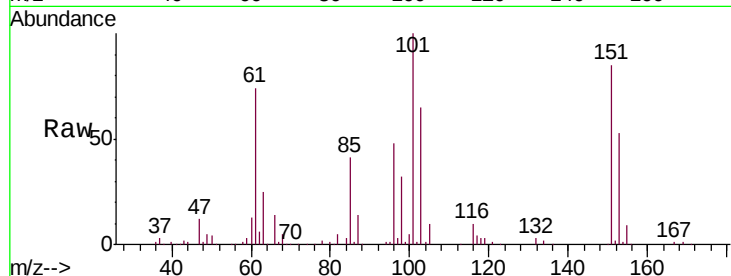
Tgt Ion:101 Resp: 406809

Ion Ratio Lower Upper

101 100

85 41.7 33.3 49.9

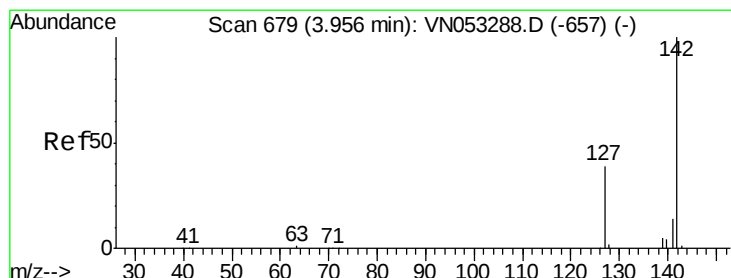
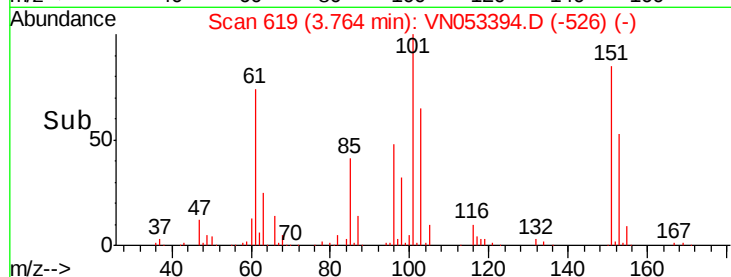
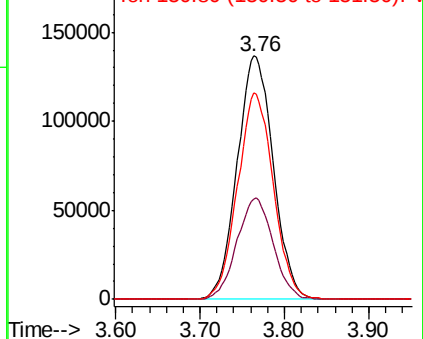
151 84.1 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.969 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

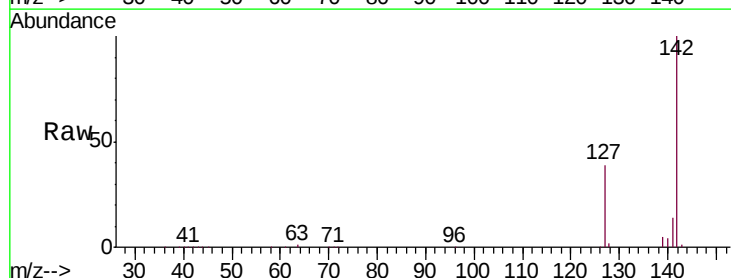
Tgt Ion:142 Resp: 579783

Ion Ratio Lower Upper

142 100

127 38.5 30.9 46.3

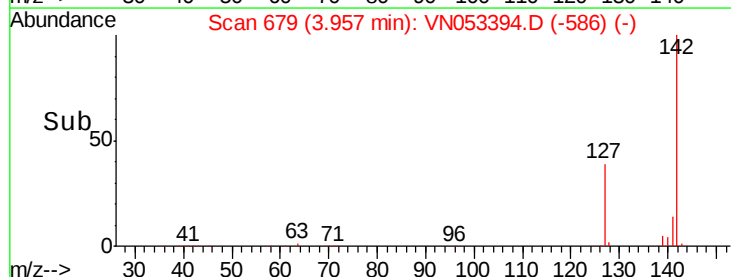
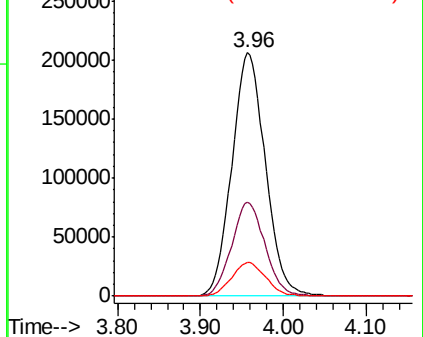
141 14.1 11.2 16.8

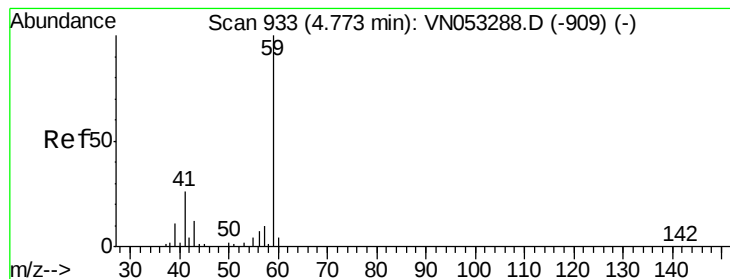


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



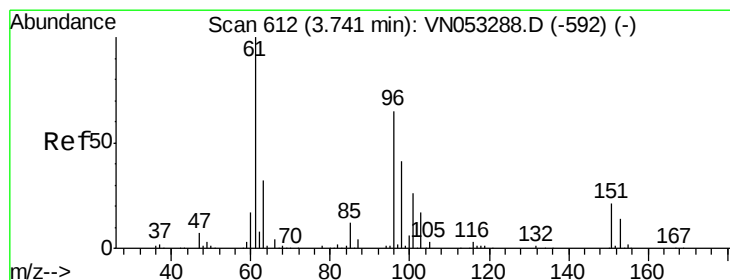
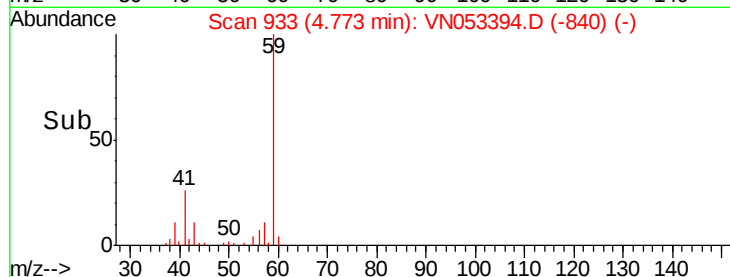
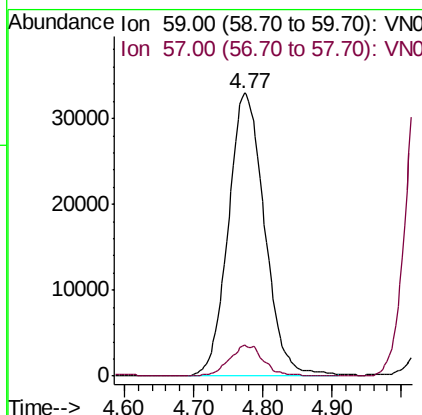
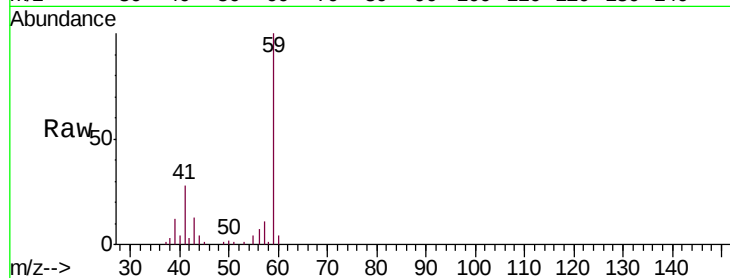


#11

Tert butyl alcohol
 Concen: 228.610 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

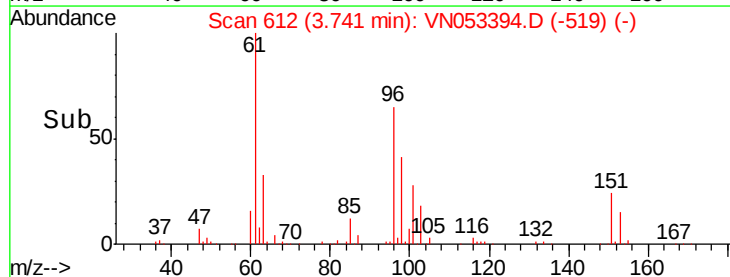
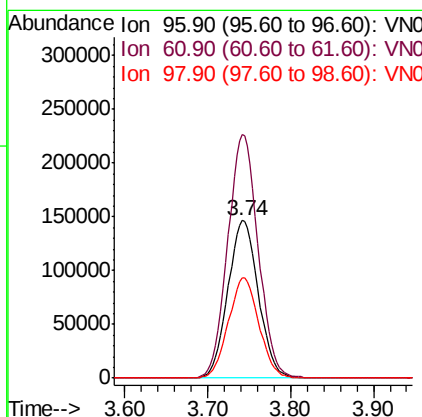
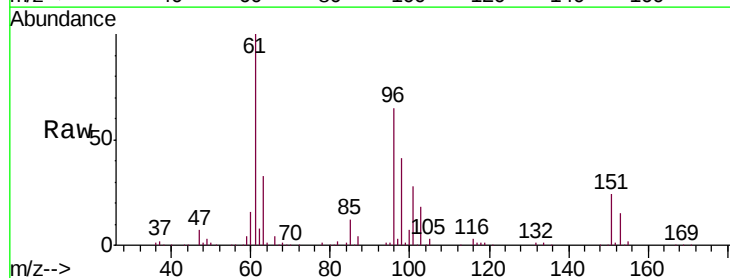
Tgt Ion: 59 Resp: 120348
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.0 12.0

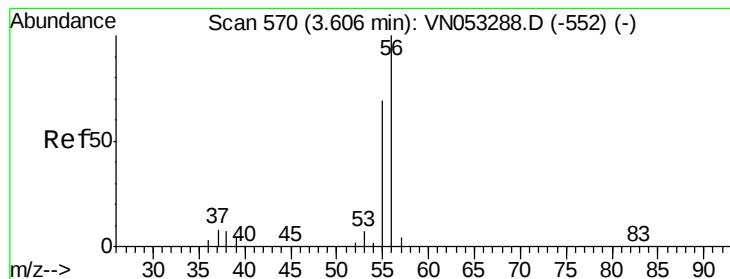


#12

1,1-Dichloroethene
 Concen: 47.898 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 96 Resp: 375980
 Ion Ratio Lower Upper
 96 100
 61 154.7 123.2 184.8
 98 64.1 50.5 75.7





#13

Acrolein

Concen: 289.068 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

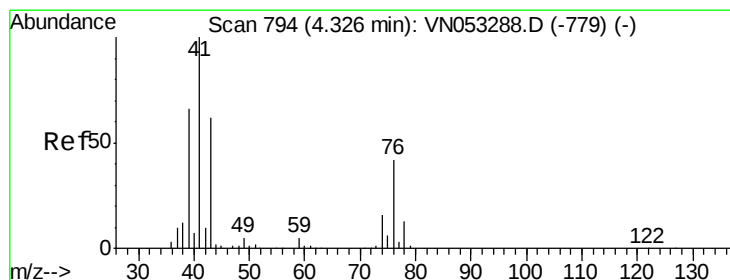
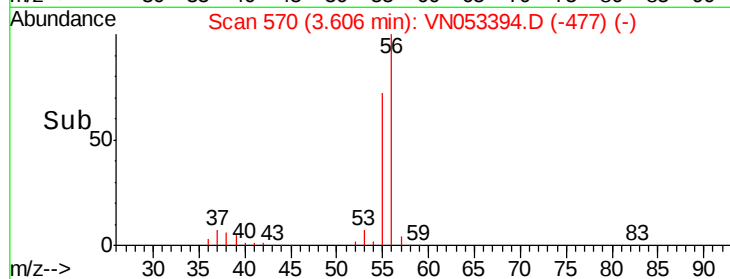
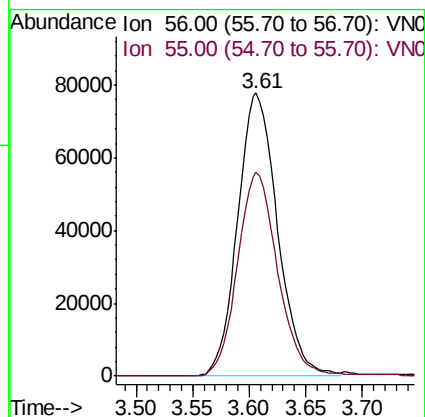
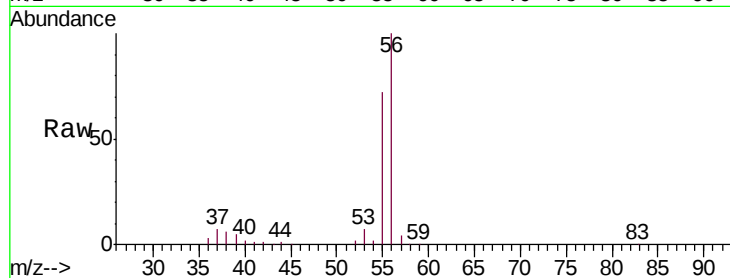
VSTDCCC050EC

Tgt Ion: 56 Resp: 191334

Ion Ratio Lower Upper

56 100

55 72.6 56.3 84.5



#14

Allyl chloride

Concen: 47.271 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

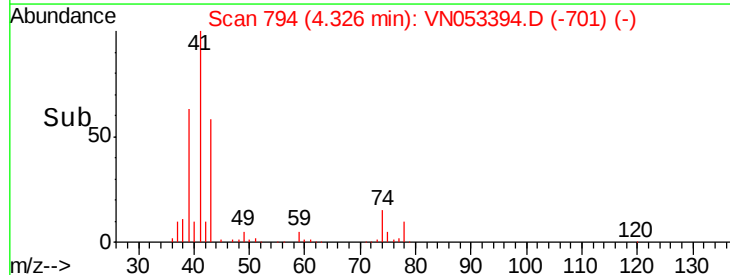
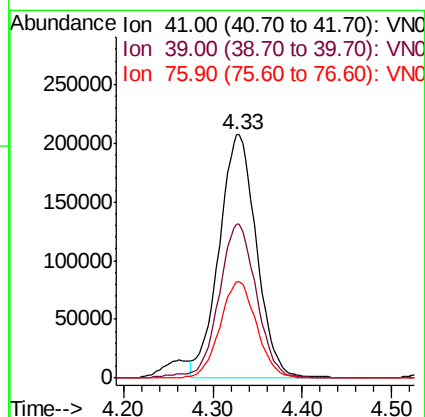
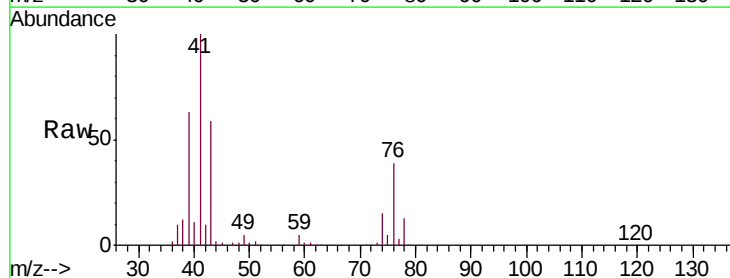
Tgt Ion: 41 Resp: 598050

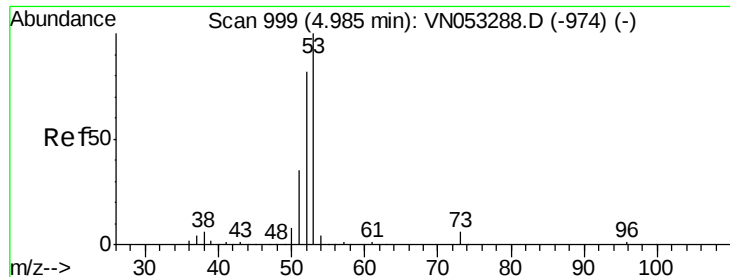
Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

76 38.6 31.2 46.8





#15

Acrylonitrile

Concen: 233.303 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

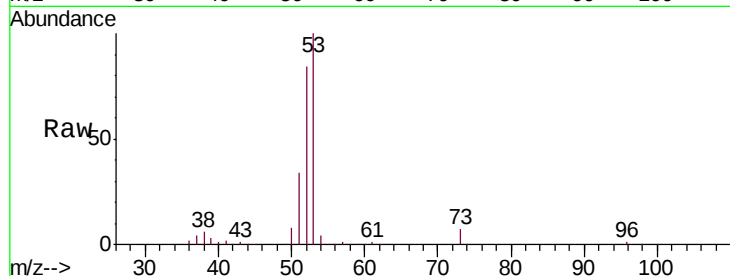
Tgt Ion: 53 Resp: 733173

Ion Ratio Lower Upper

53 100

52 81.3 65.2 97.8

51 35.3 28.0 42.0

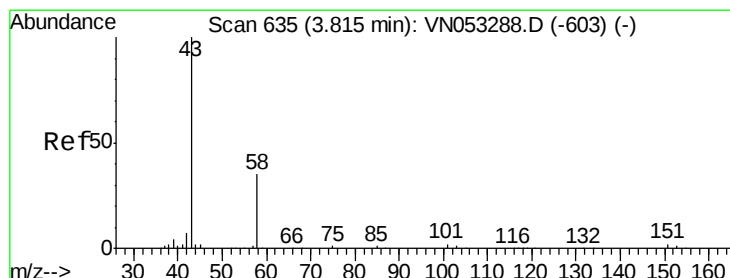
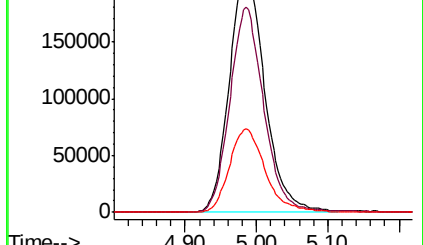
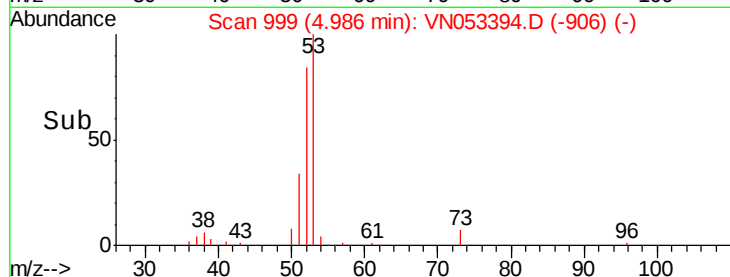


Abundance Ion 53.00 (52.70 to 53.70): VN053288.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053288.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053288.D (-974) (-)

Time-->



#16

Acetone

Concen: 279.974 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053394.D

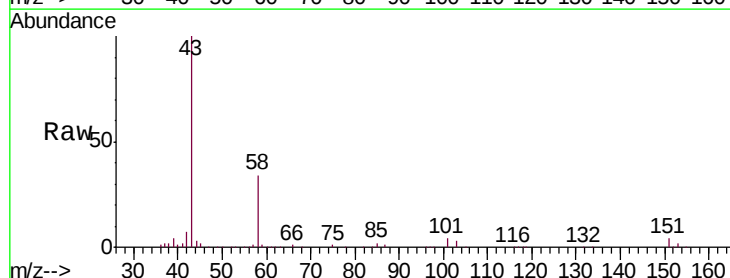
Acq: 14 Jan 2019 16:33

Tgt Ion: 43 Resp: 589181

Ion Ratio Lower Upper

43 100

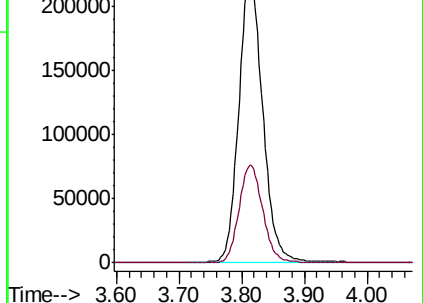
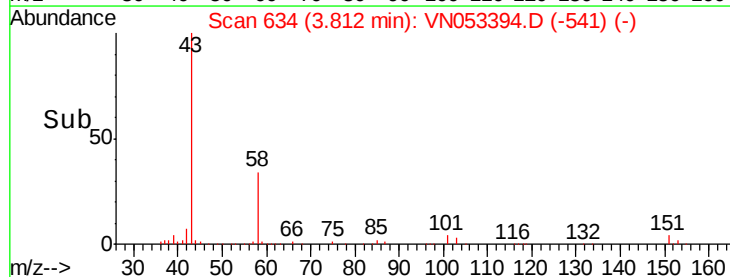
58 34.4 27.8 41.6

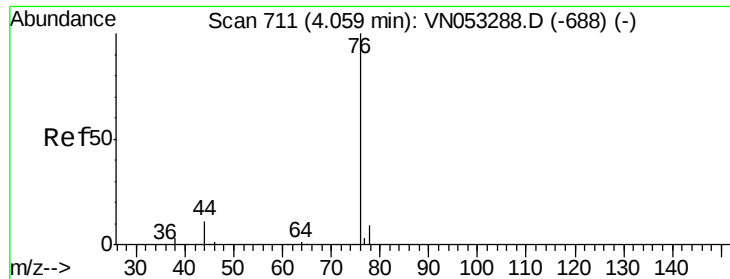


Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

Time-->

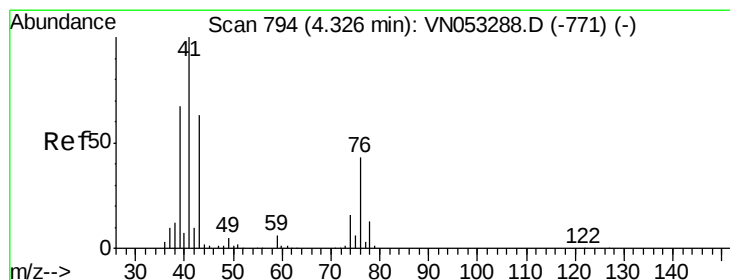
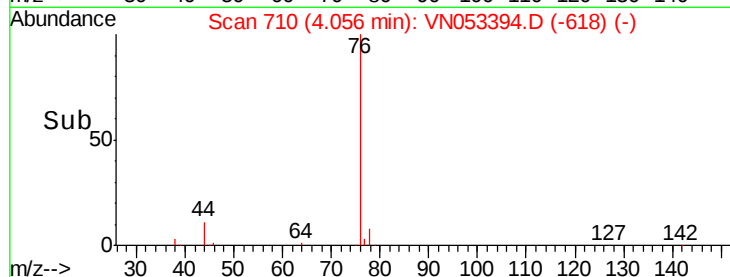
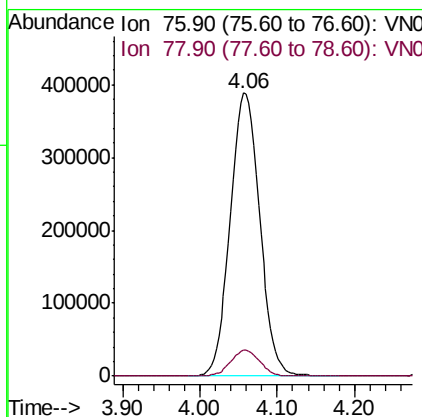
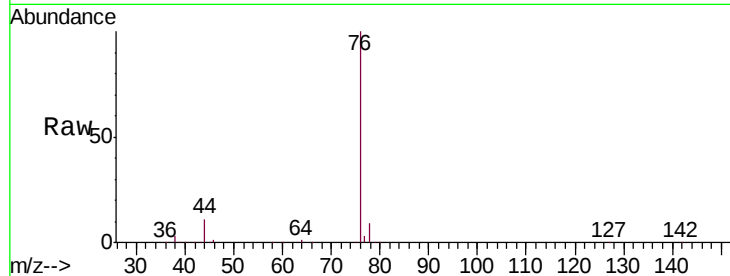




#17
Carbon Disulfide
Concen: 42.544 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

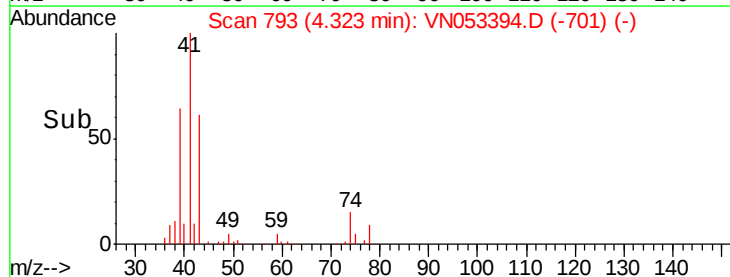
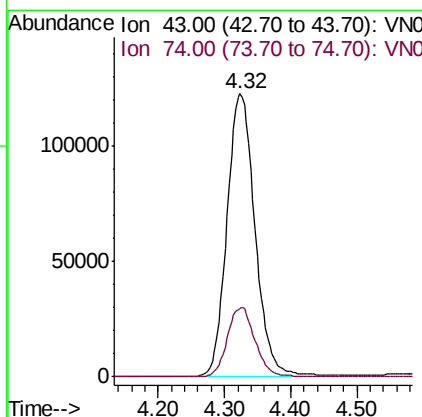
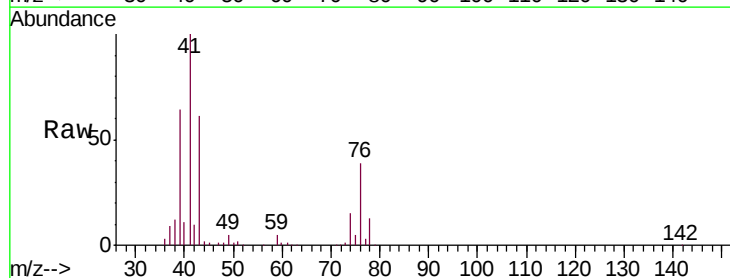
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

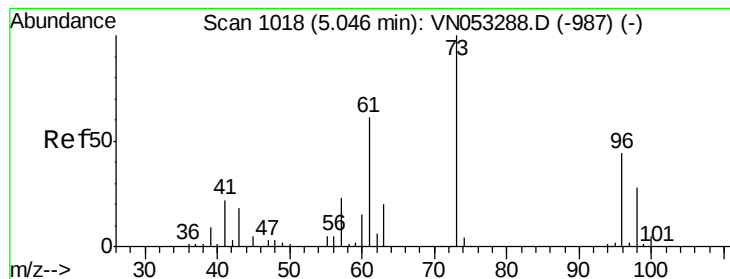
Tgt Ion: 76 Resp: 1029582
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 45.323 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 43 Resp: 359014
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



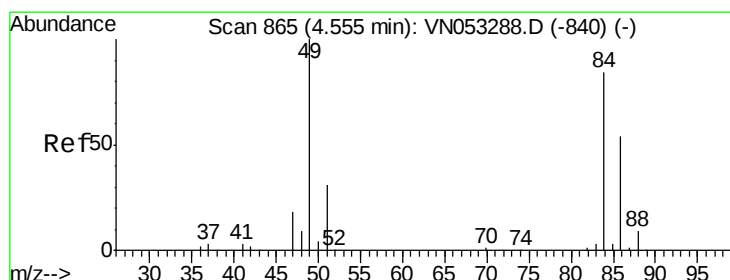
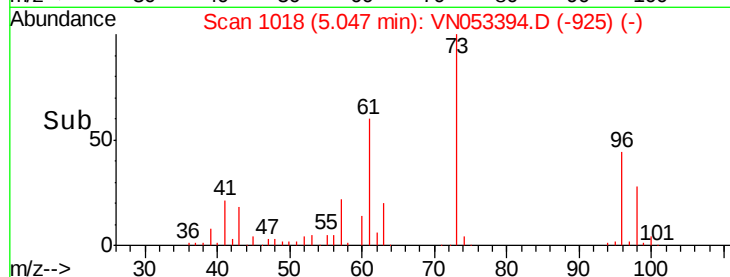
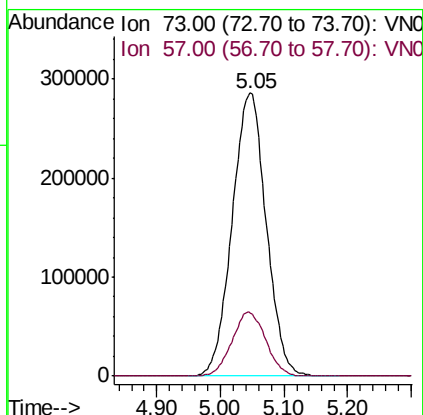
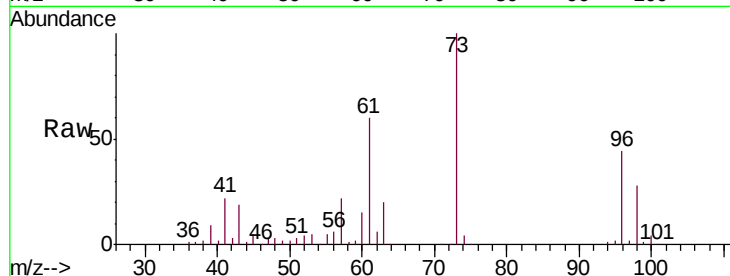


#19

Methyl tert-butyl Ether
 Concen: 48.198 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

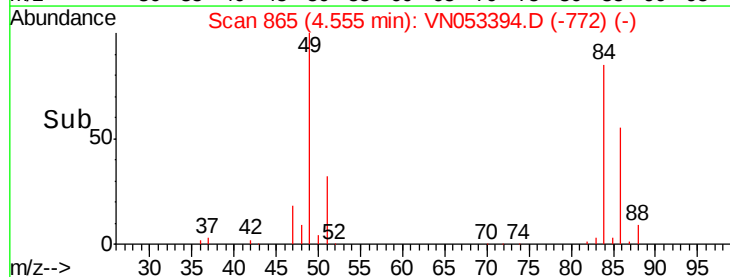
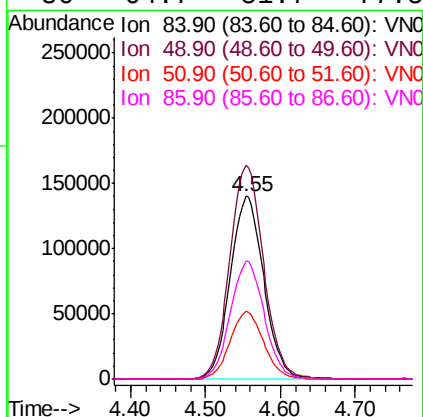
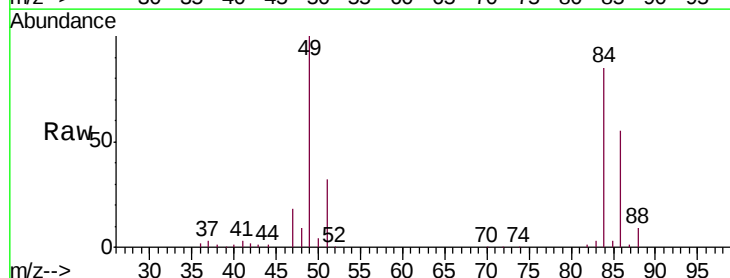
Tgt Ion: 73 Resp: 1061828
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.5 27.7

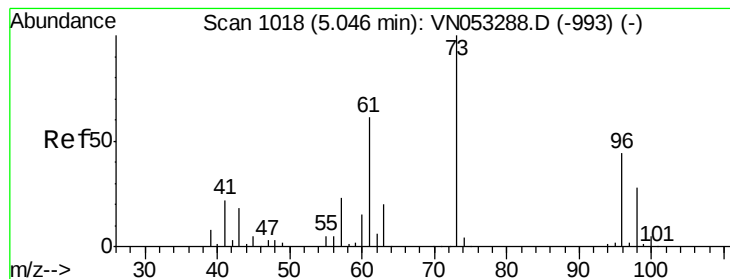


#20

Methylene Chloride
 Concen: 46.453 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 84 Resp: 436670
 Ion Ratio Lower Upper
 84 100
 49 116.9 95.3 142.9
 51 36.9 29.0 43.6
 86 64.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 47.562 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

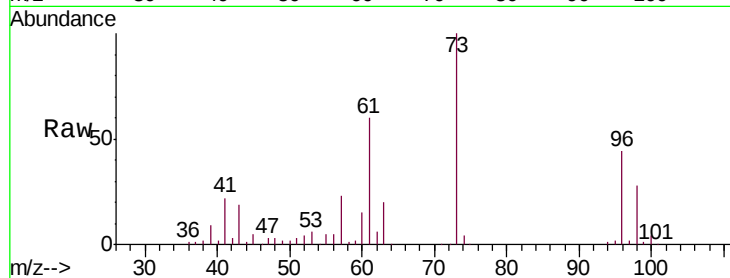
Tgt Ion: 96 Resp: 400866

Ion Ratio Lower Upper

96 100

61 135.9 110.2 165.4

98 63.5 50.7 76.1

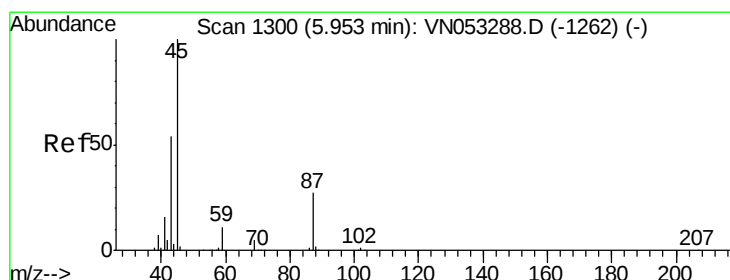
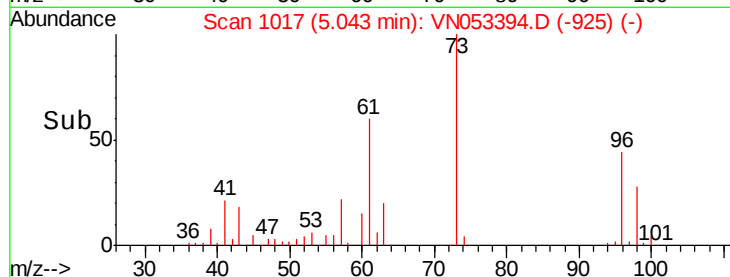
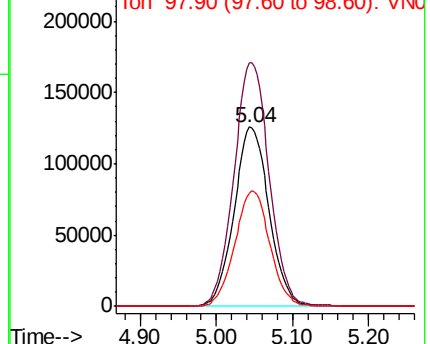


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.542 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Tgt Ion: 45 Resp: 1350261

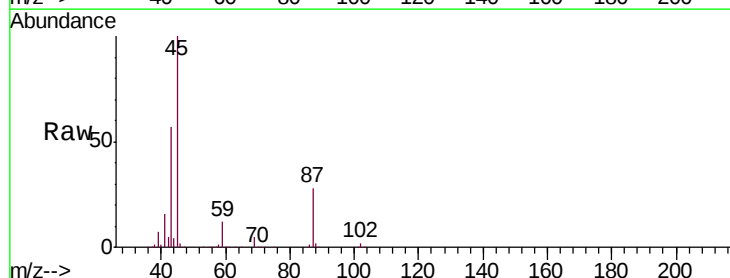
Ion Ratio Lower Upper

45 100

43 56.2 43.0 64.6

87 28.1 22.1 33.1

59 11.9 9.0 13.4



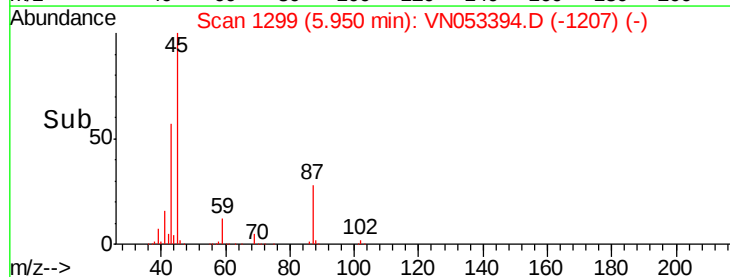
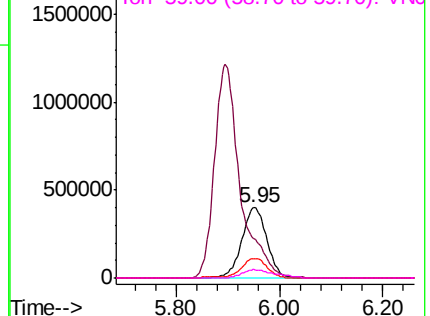
Abundance

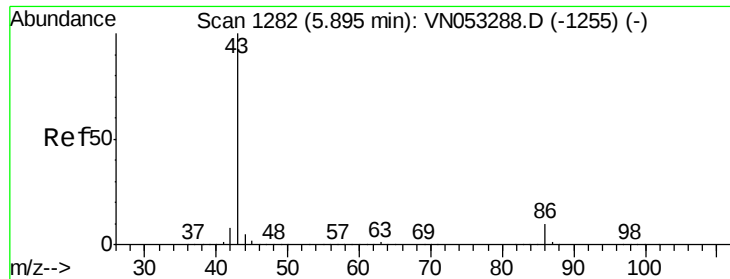
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 245.355 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

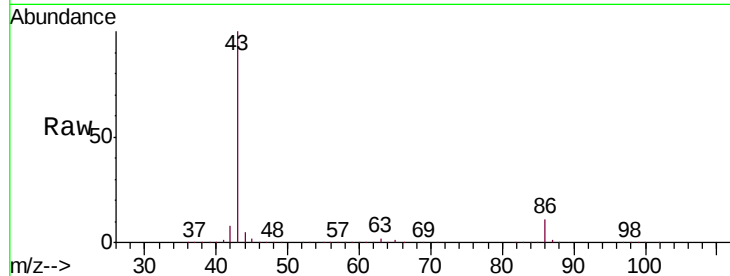
VSTDCCC050EC

Tgt Ion: 43 Resp: 4207648

Ion Ratio Lower Upper

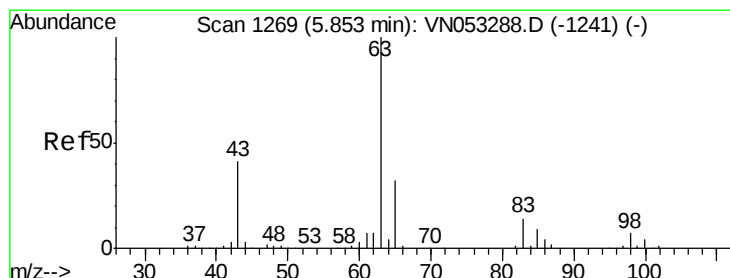
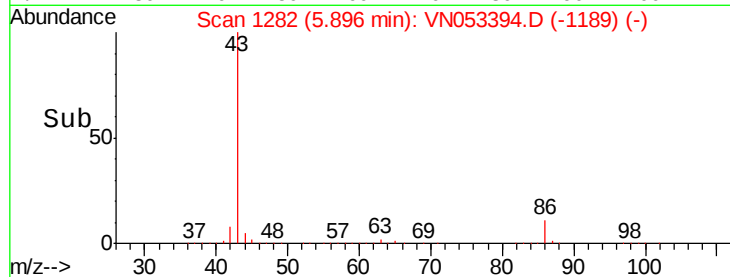
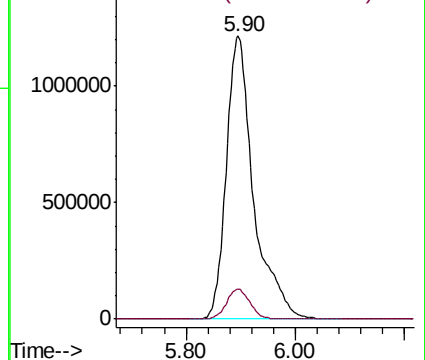
43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.796 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

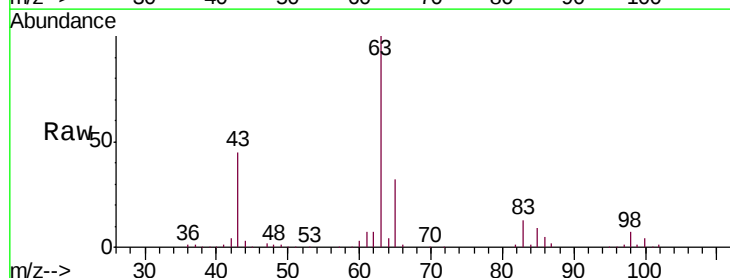
Tgt Ion: 63 Resp: 767038

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

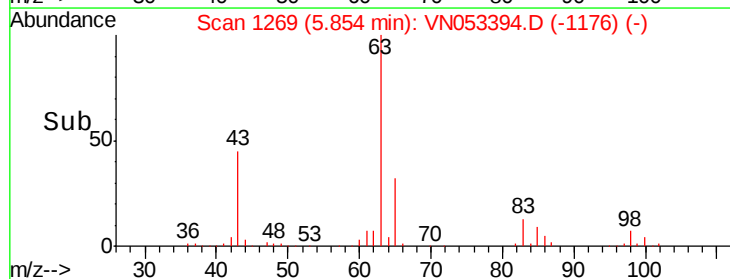
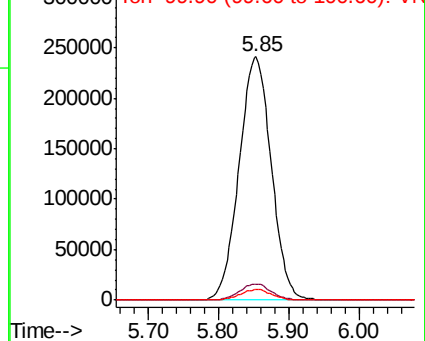
100 4.2 2.1 6.5

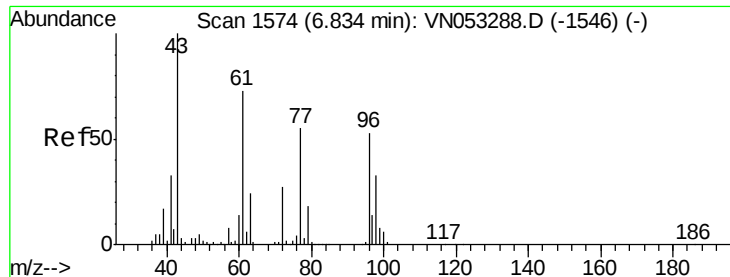


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 238.532 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

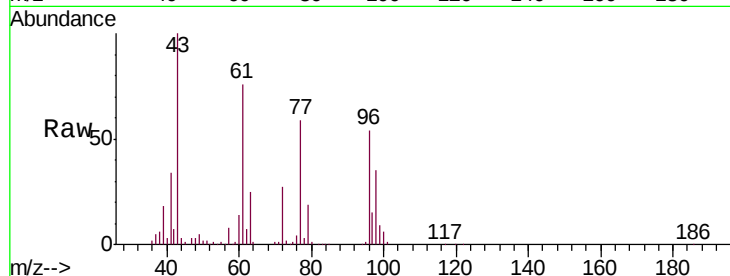
VSTDCCC050EC

Tgt Ion: 43 Resp: 856504

Ion Ratio Lower Upper

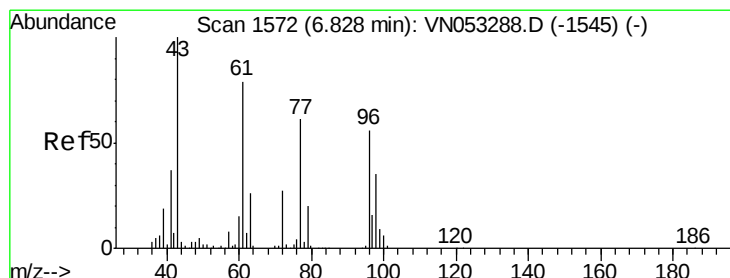
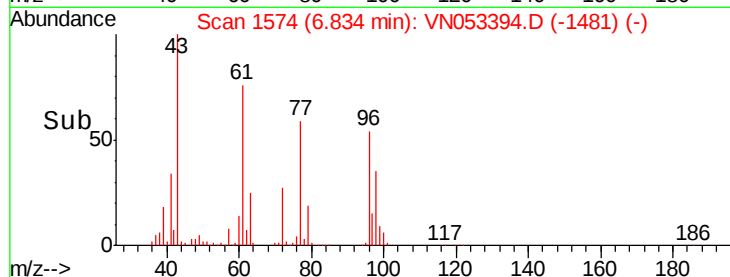
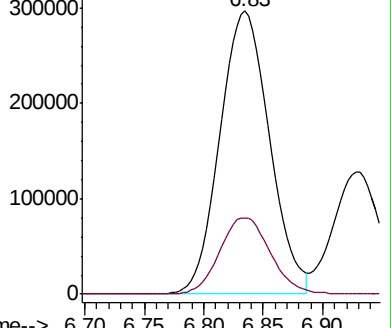
43 100

72 27.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1546) (-)

Ion 72.00 (71.70 to 72.70): VN053288.D (-1546) (-)



#26

2,2-Dichloropropane

Concen: 51.318 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053394.D

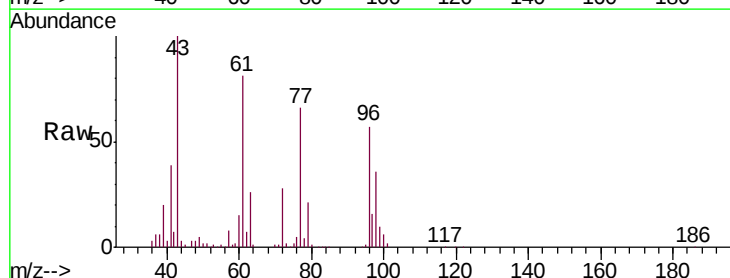
Acq: 14 Jan 2019 16:33

Tgt Ion: 77 Resp: 589678

Ion Ratio Lower Upper

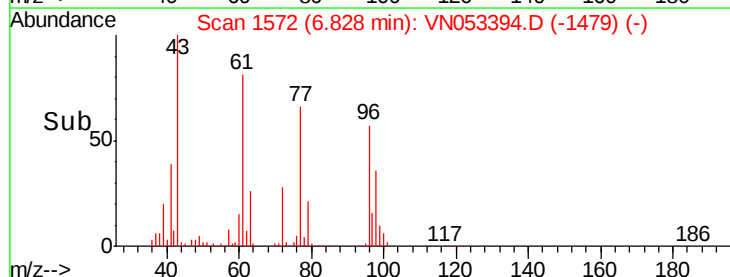
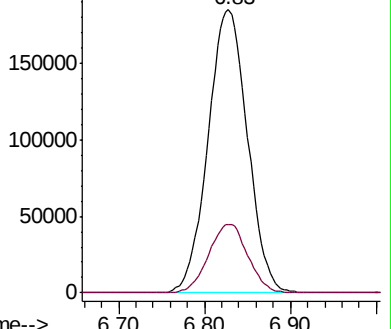
77 100

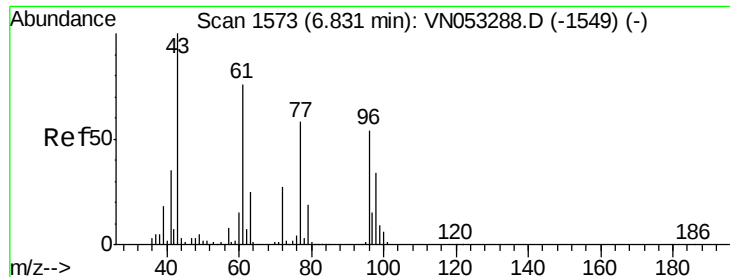
97 24.1 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VN053288.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN053288.D (-1545) (-)

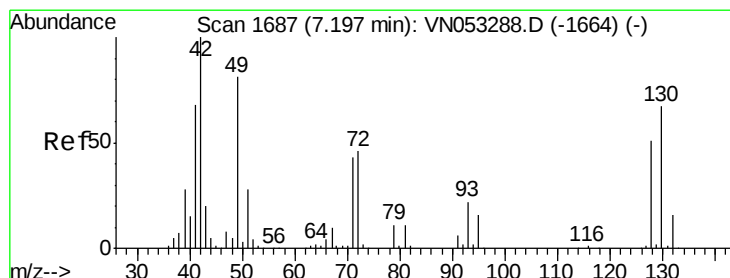
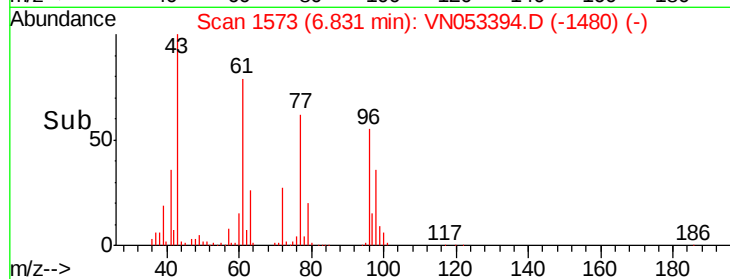
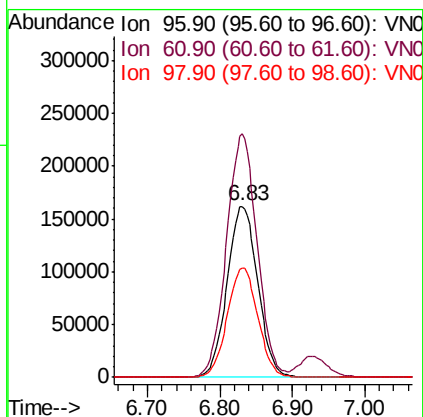
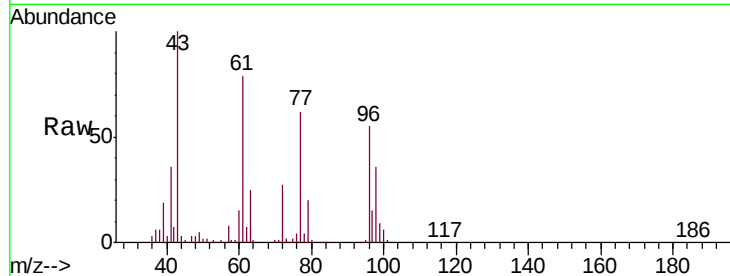




#27
 cis-1,2-Dichloroethene
 Concen: 49.601 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

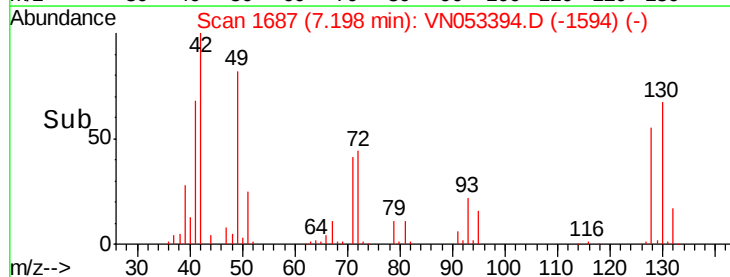
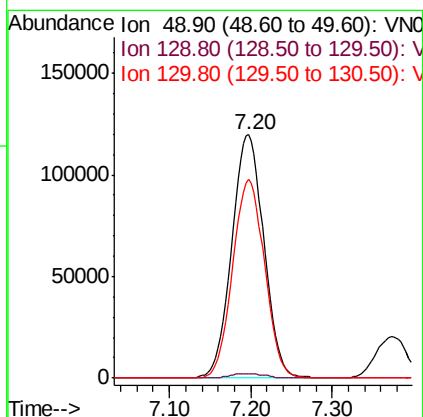
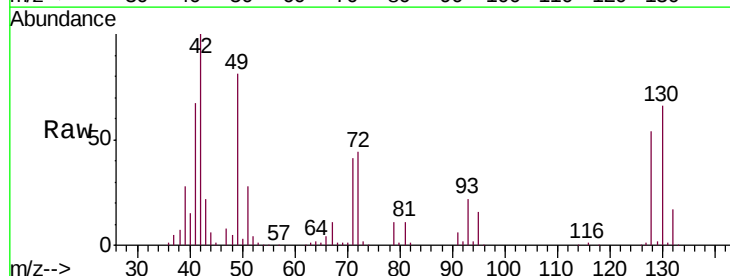
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

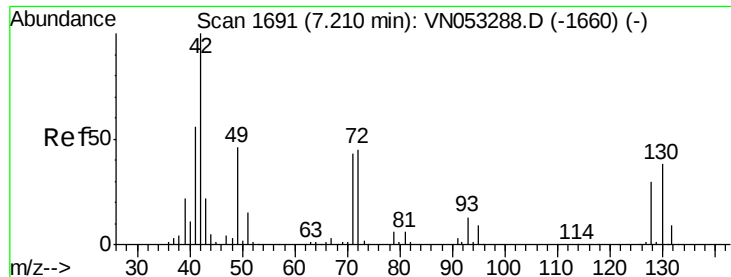
Tgt Ion: 96 Resp: 477402
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 280.6
 98 63.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 48.926 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 49 Resp: 327737
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 81.0 65.4 98.0

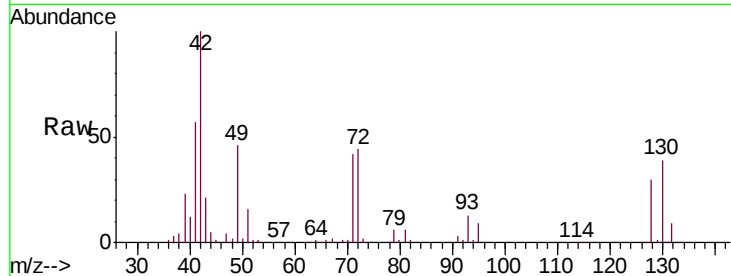




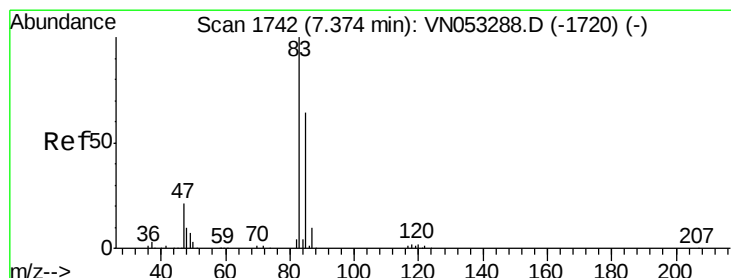
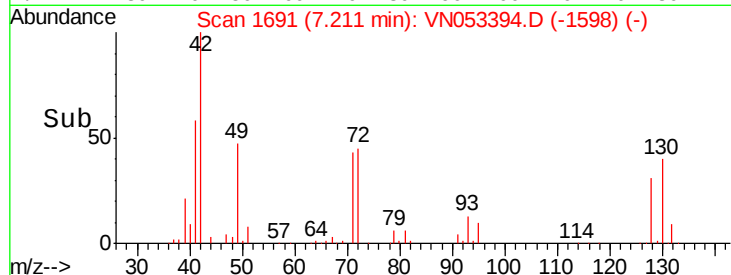
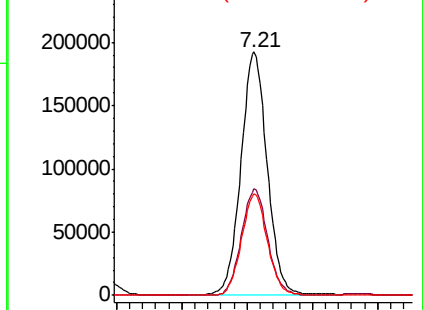
#29
Tetrahydrofuran
Concen: 226.772 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 537349
Ion Ratio Lower Upper
42 100
72 44.0 35.6 53.4
71 41.3 33.8 50.8

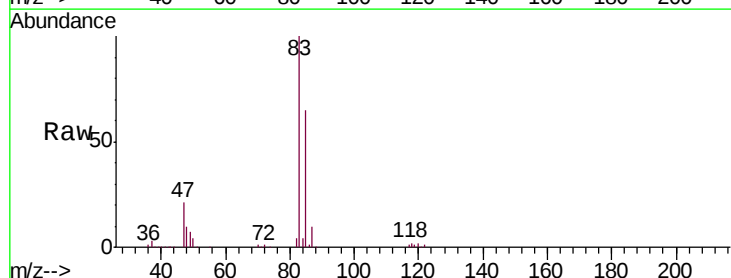


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

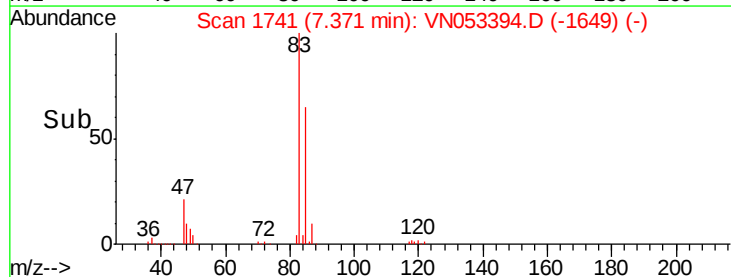
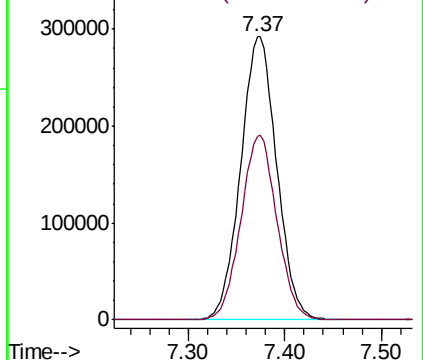


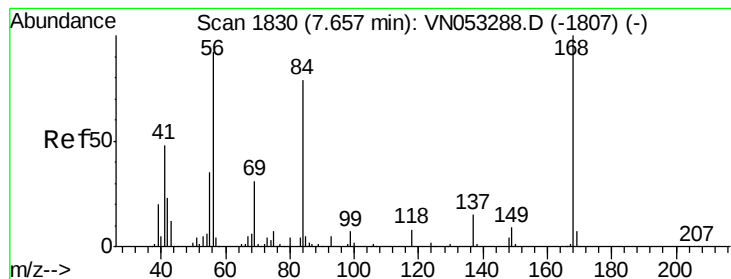
#30
Chloroform
Concen: 48.894 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 83 Resp: 756496
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO





#31

Cyclohexane

Concen: 48.170 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

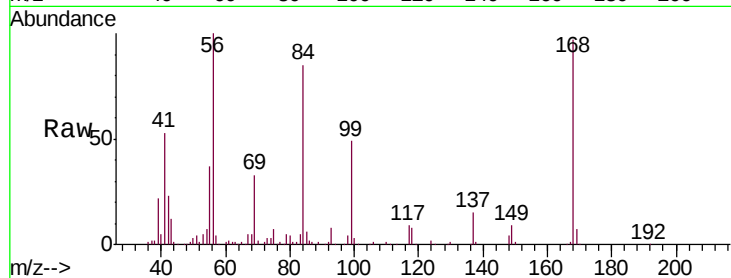
Tgt Ion: 56 Resp: 719665

Ion Ratio Lower Upper

56 100

69 32.8 26.7 40.1

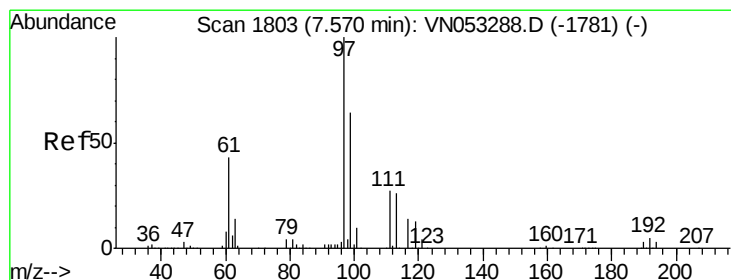
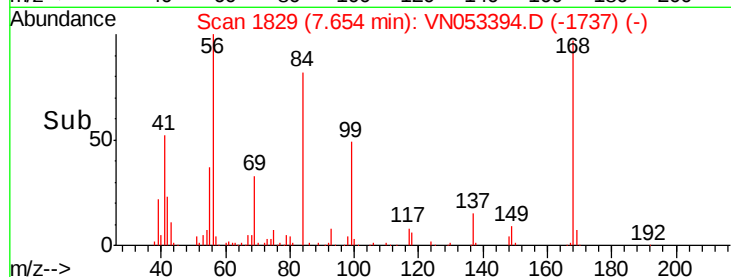
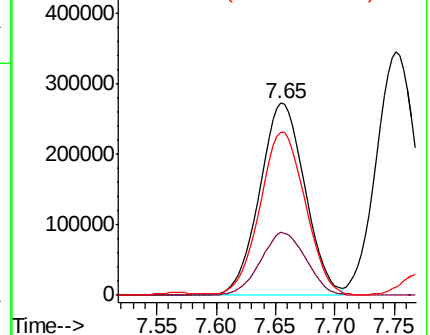
84 84.0 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.885 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

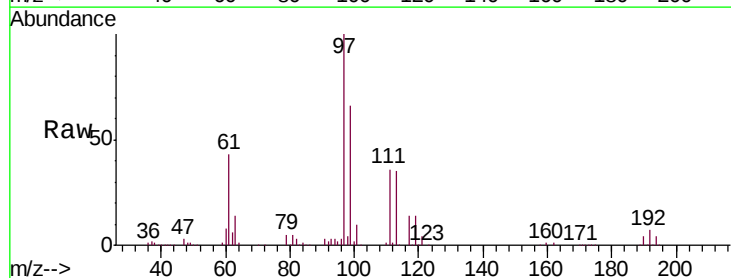
Tgt Ion: 97 Resp: 630272

Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

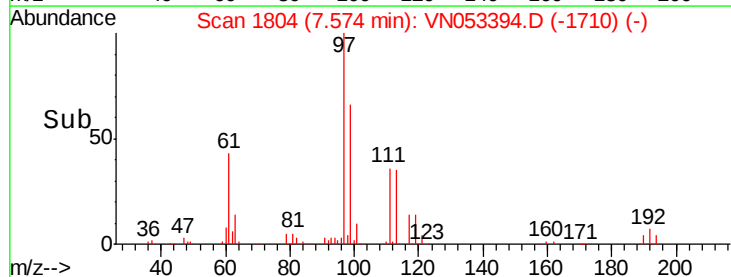
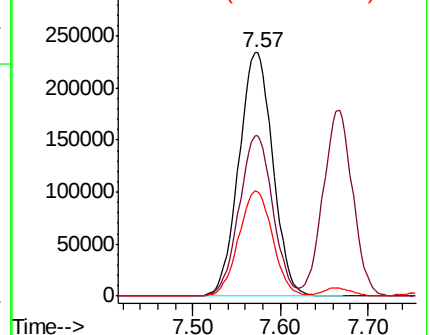
61 43.1 34.6 52.0

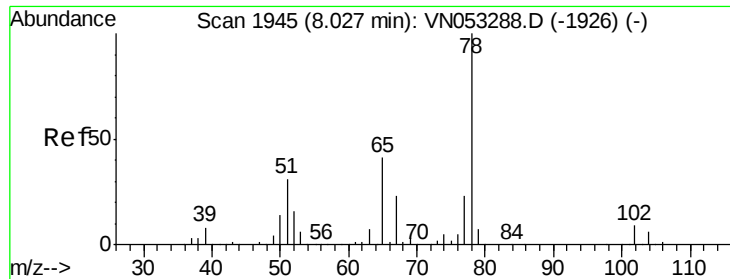


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.885 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

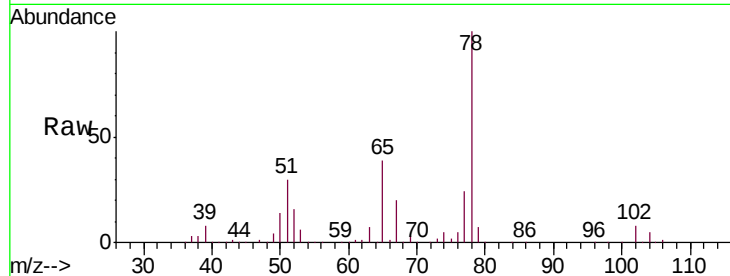
VSTDCCC050EC

Tgt Ion: 65 Resp: 405996

Ion Ratio Lower Upper

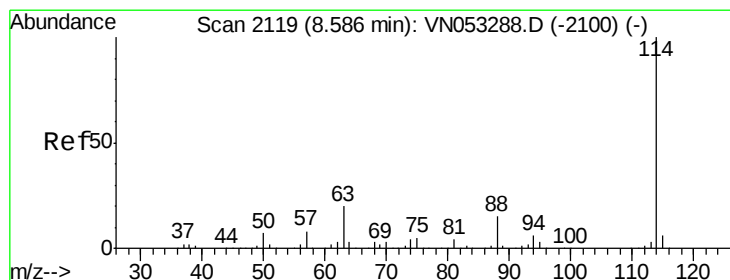
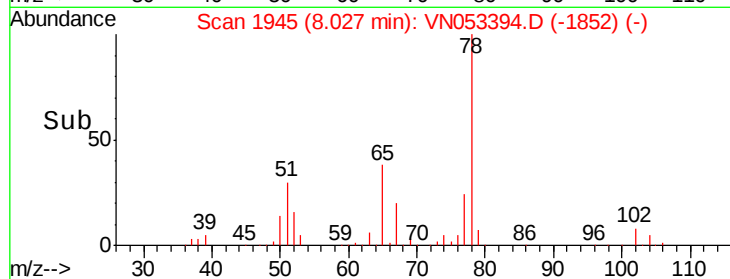
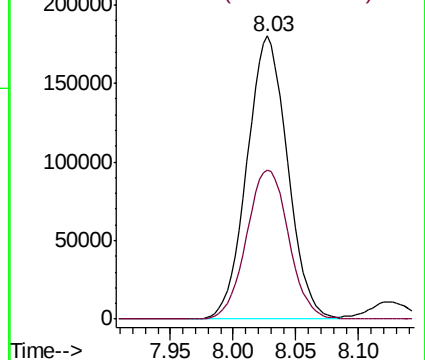
65 100

67 54.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053394.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053394.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

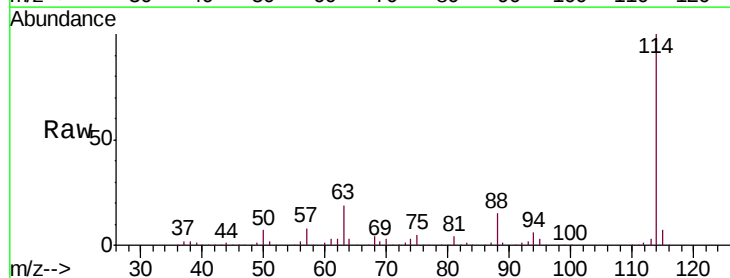
Tgt Ion: 114 Resp: 1237772

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

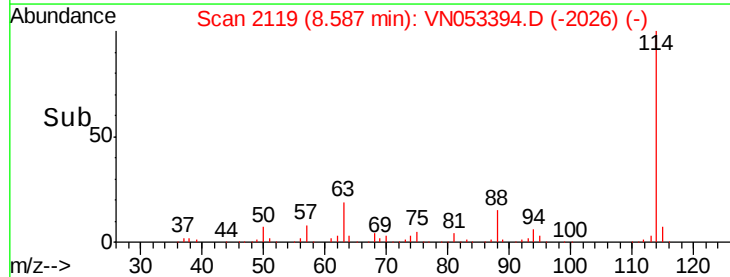
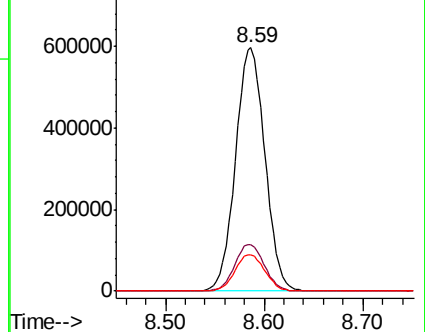
88 14.8 0.0 30.8

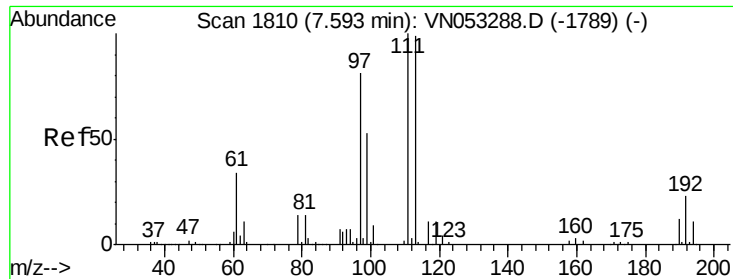


Abundance Ion 113.90 (113.60 to 114.60): VN053394.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053394.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053394.D (-2026) (-)

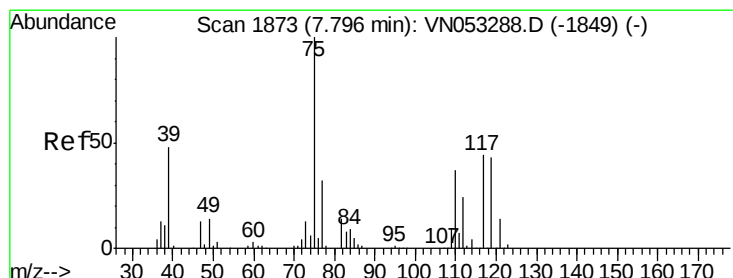
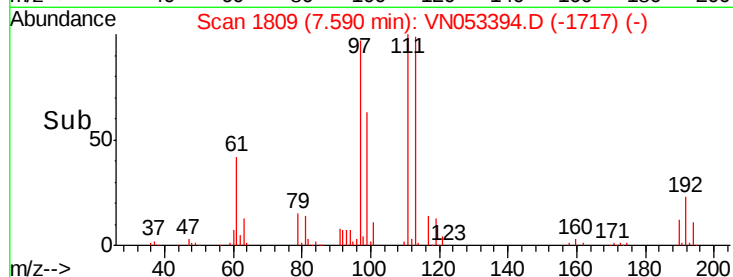
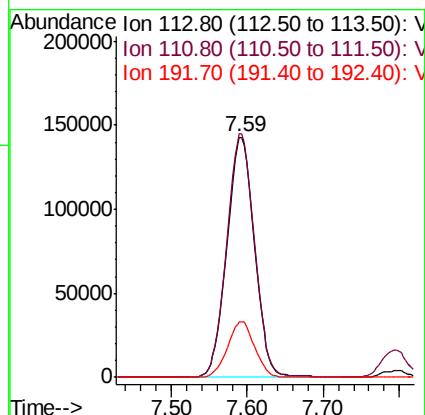
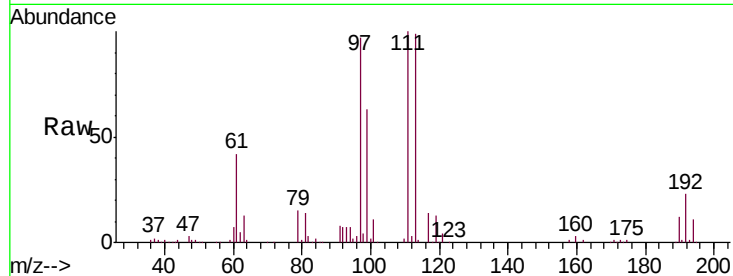




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

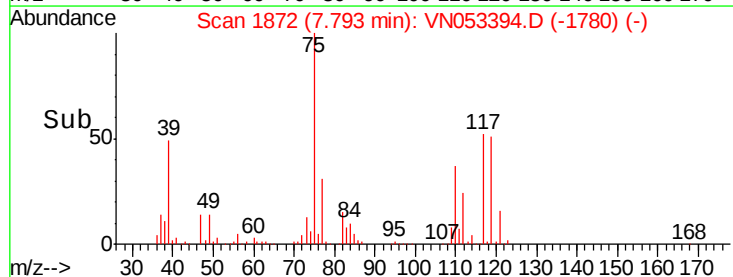
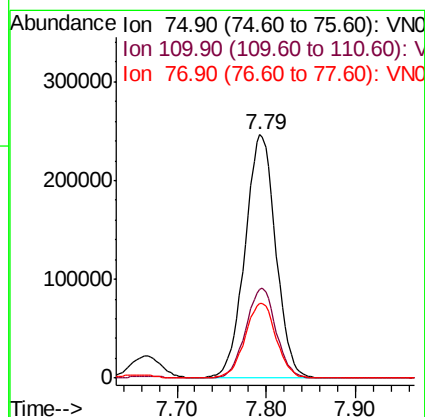
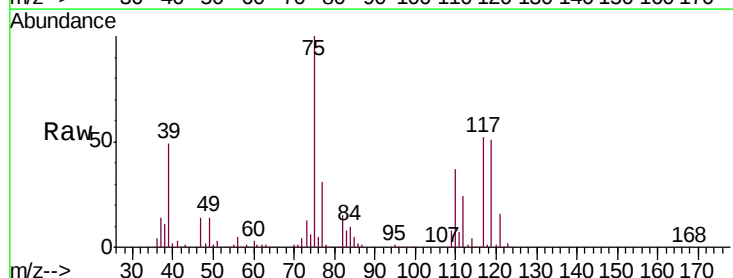
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

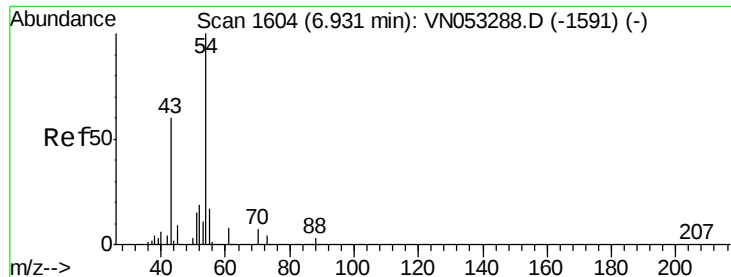
Tgt Ion: 113 Resp: 362749
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 22.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 51.005 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 75 Resp: 589385
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.4 55.0
 77 31.4 25.3 37.9

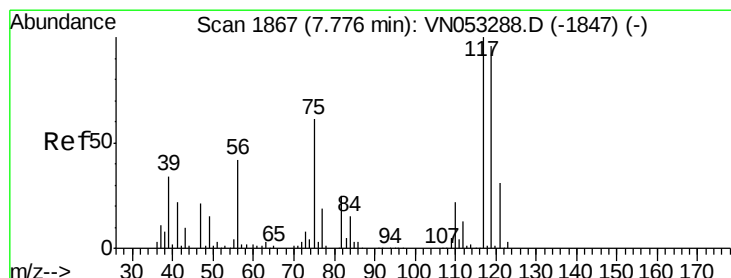
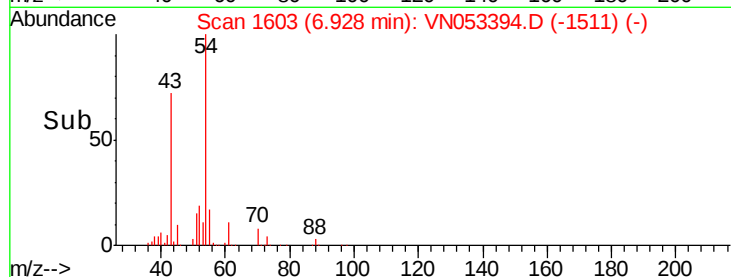
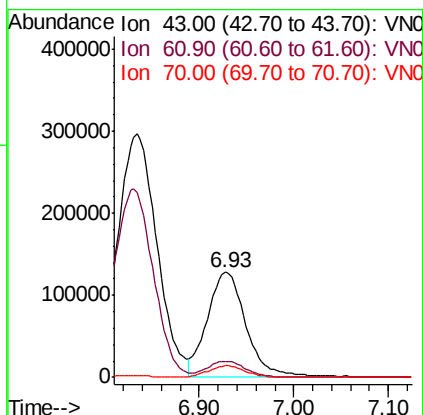
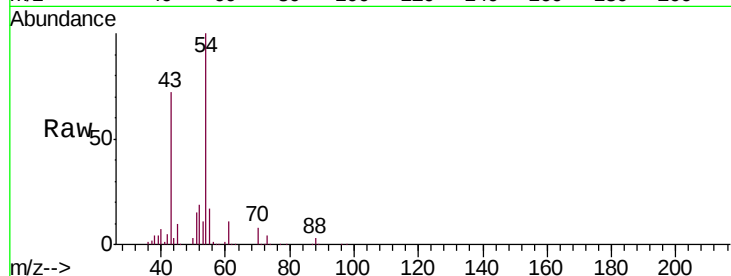




#37
Ethyl Acetate
Concen: 47.597 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

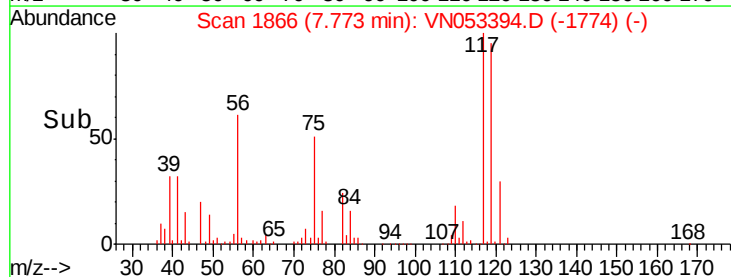
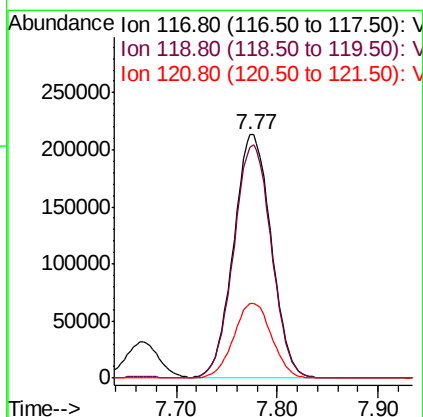
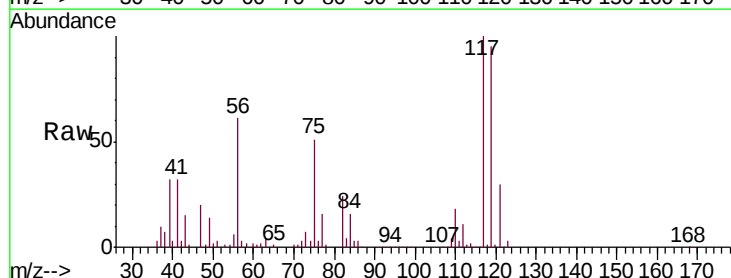
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

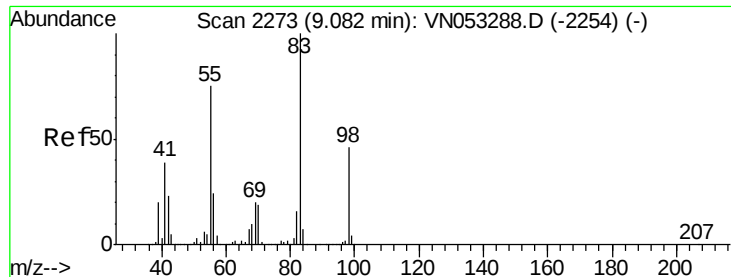
Tgt Ion: 43 Resp: 358247
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.673 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 117 Resp: 551127
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 30.5 25.0 37.4

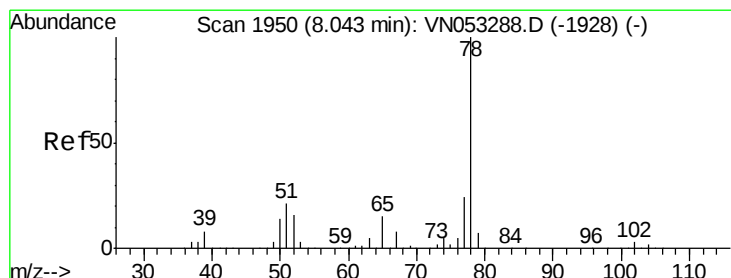
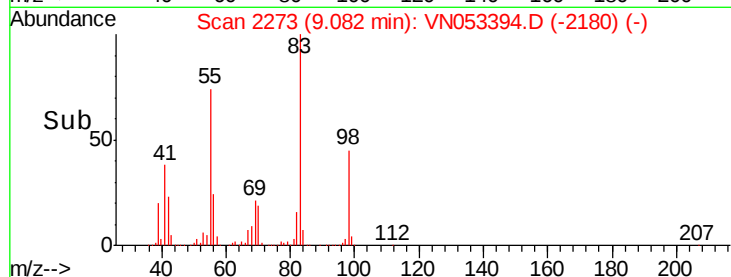
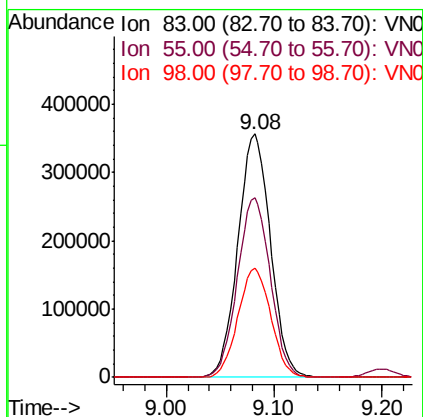
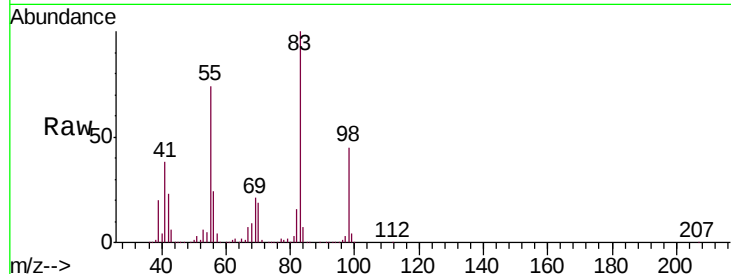




#39
Methylcyclohexane
Concen: 56.025 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

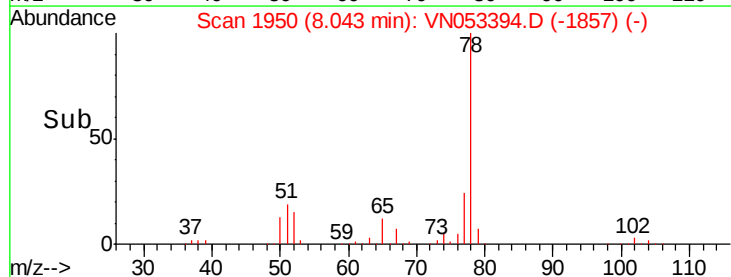
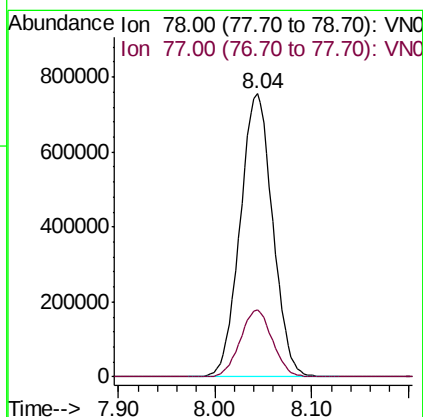
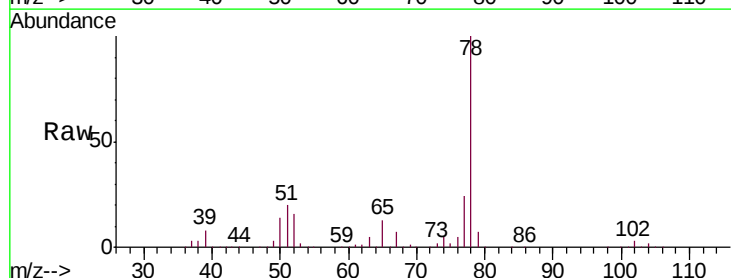
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

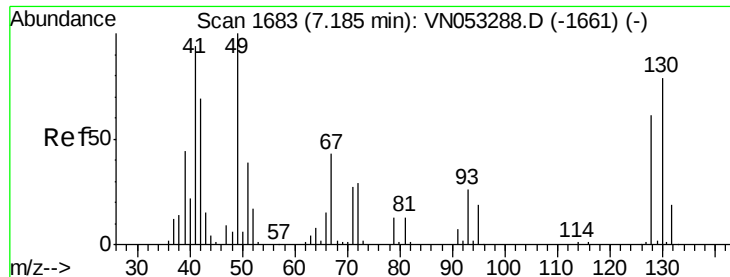
Tgt Ion: 83 Resp: 750009
Ion Ratio Lower Upper
83 100
55 73.6 60.1 90.1
98 44.8 36.7 55.1



#40
Benzene
Concen: 50.058 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 78 Resp: 1766925
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

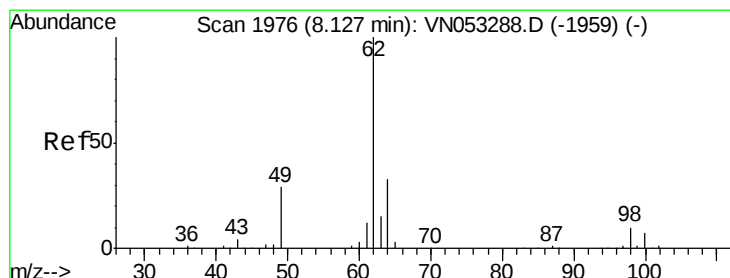
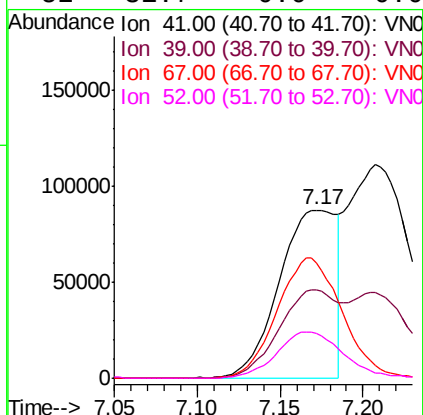
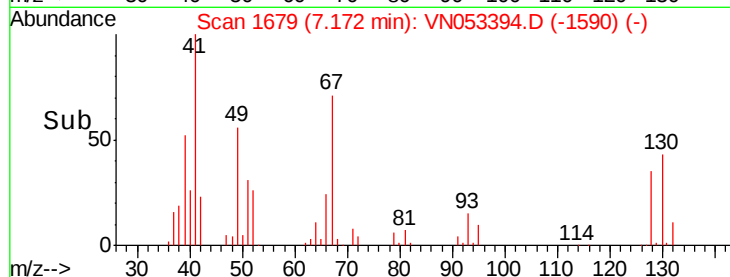
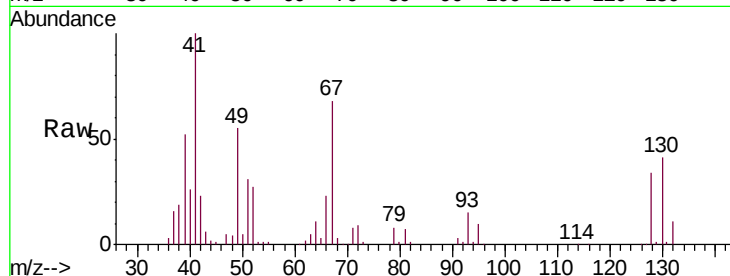




#41
Methacrylonitrile
Concen: 45.115 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

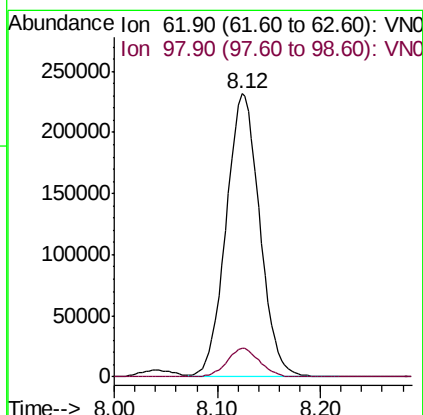
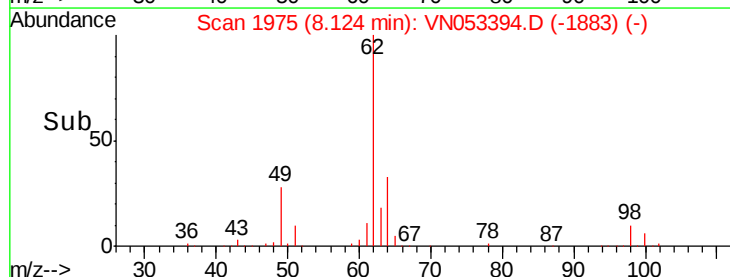
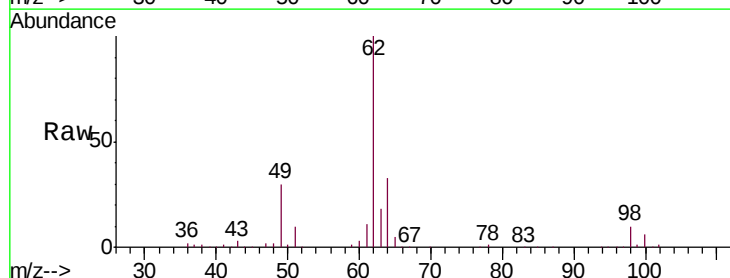
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

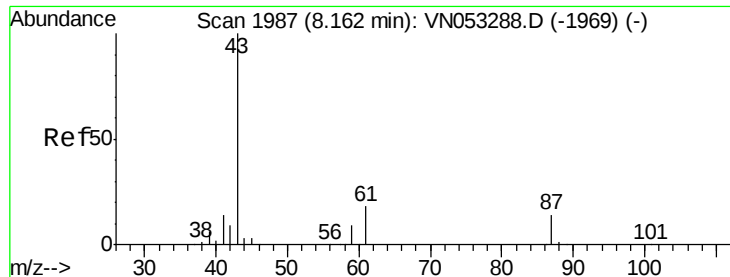
Tgt Ion: 41 Resp: 210819
Ion Ratio Lower Upper
41 100
39 55.0 0.0 0.0#
67 81.1 0.0 0.0#
52 31.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.140 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 62 Resp: 524967
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 44.486 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

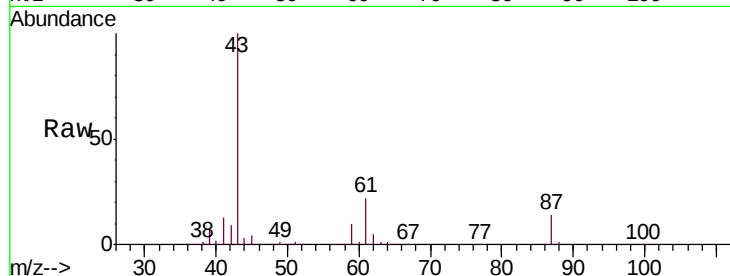
Tgt Ion: 43 Resp: 658692

Ion Ratio Lower Upper

43 100

61 29.7 23.3 34.9

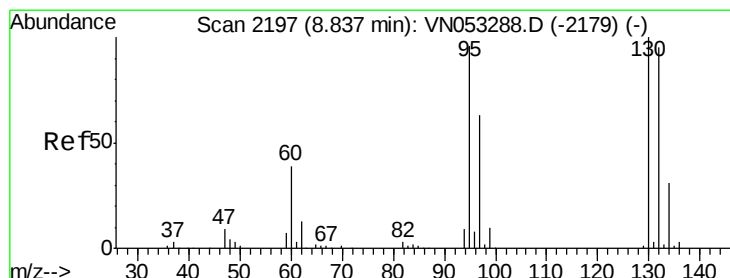
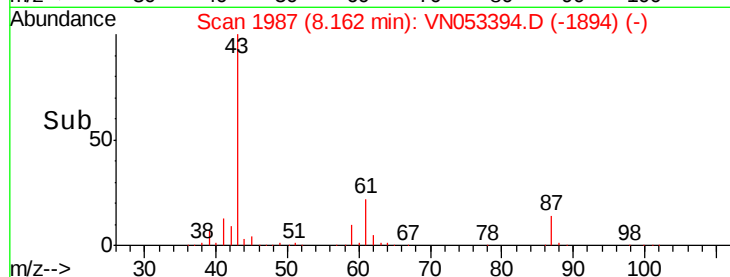
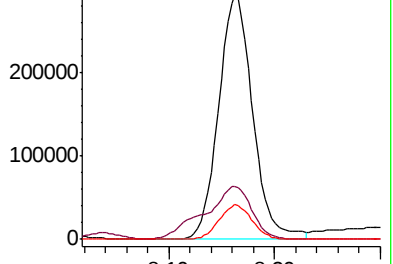
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)



#44

Trichloroethene

Concen: 50.417 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053394.D

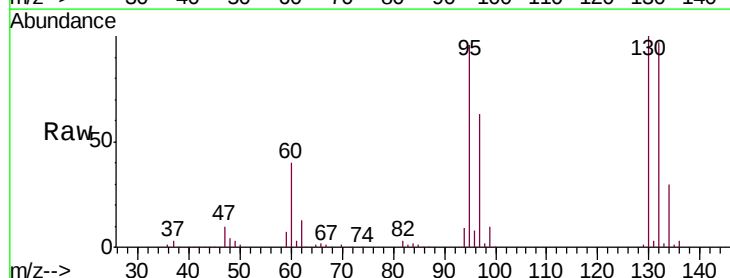
Acq: 14 Jan 2019 16:33

Tgt Ion: 130 Resp: 488652

Ion Ratio Lower Upper

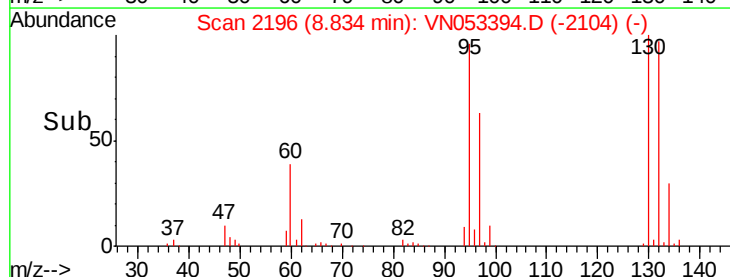
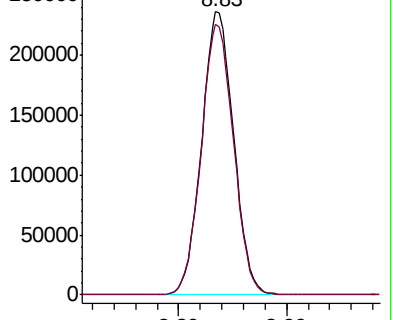
130 100

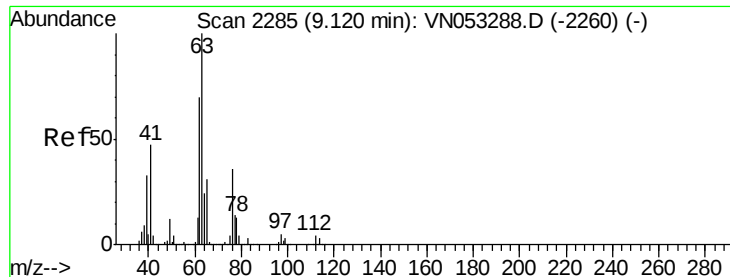
95 95.7 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053288.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053288.D (-2179) (-)

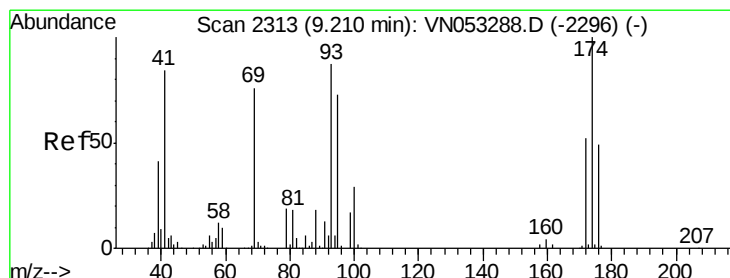
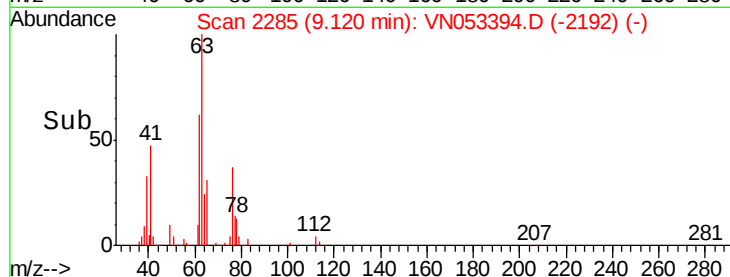
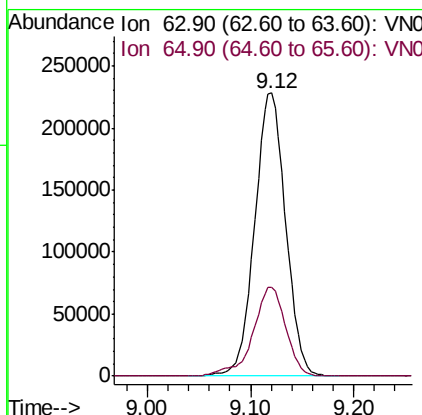
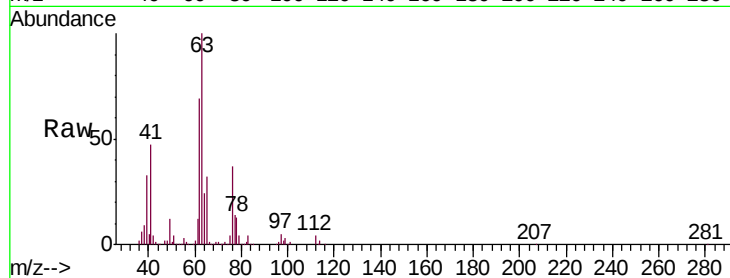




#45
 1,2-Dichloropropane
 Concen: 51.073 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

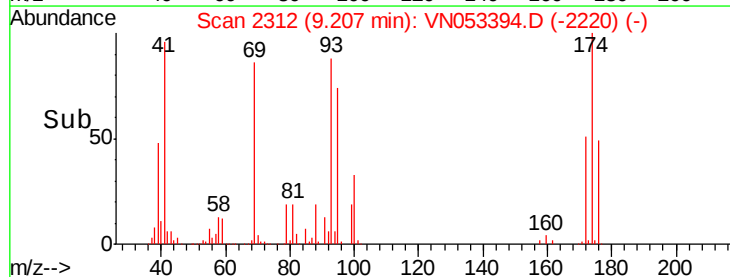
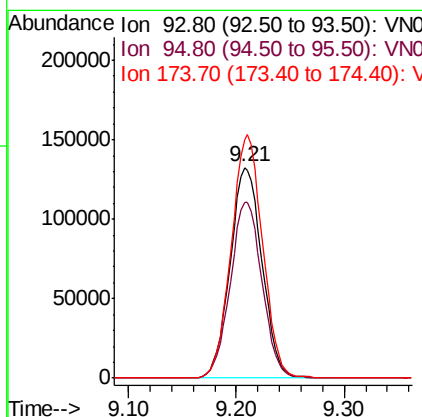
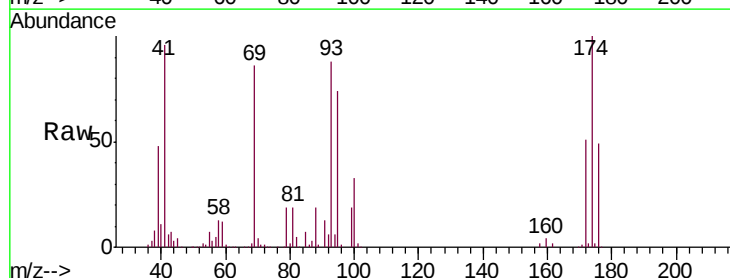
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

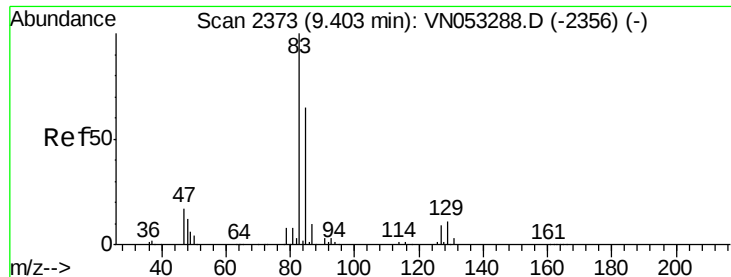
Tgt Ion: 63 Resp: 472822
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6



#46
 Dibromomethane
 Concen: 50.664 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 93 Resp: 273476
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 113.2 91.4 137.0





#47

Bromodichloromethane

Concen: 51.920 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

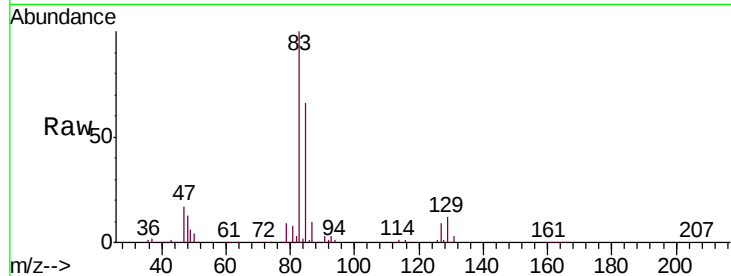
Tgt Ion: 83 Resp: 584037

Ion Ratio Lower Upper

83 100

85 65.7 51.7 77.5

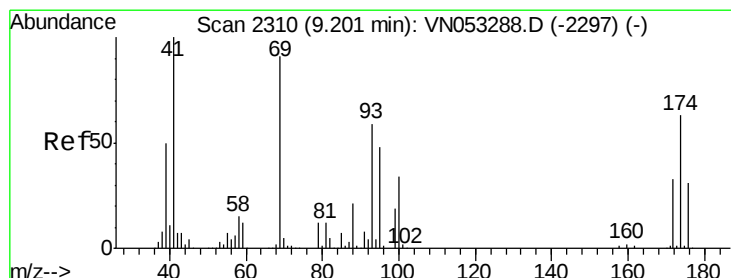
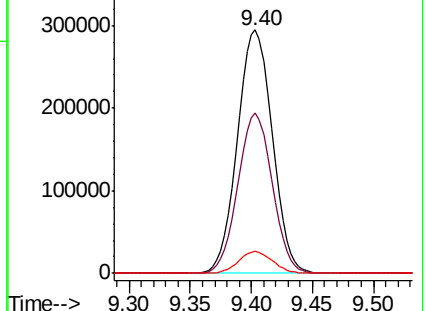
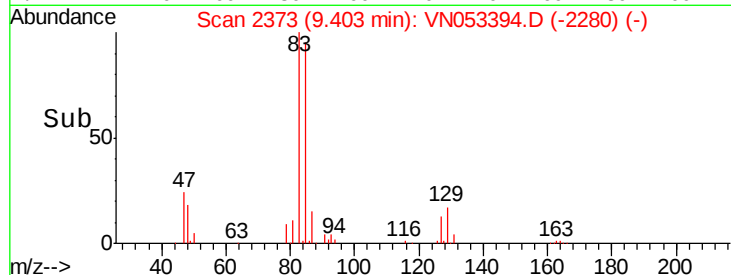
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053394.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053394.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053394.D (-2280) (-)



#48

Methyl methacrylate

Concen: 48.975 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

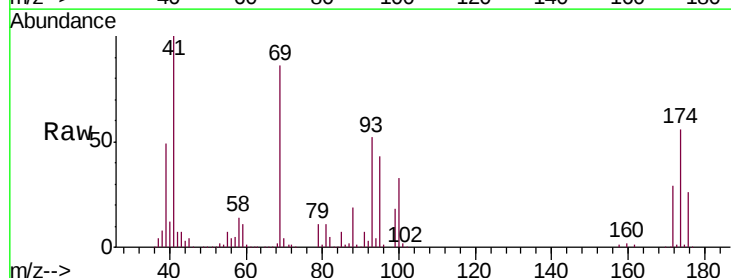
Tgt Ion: 41 Resp: 329454

Ion Ratio Lower Upper

41 100

69 91.3 73.5 110.3

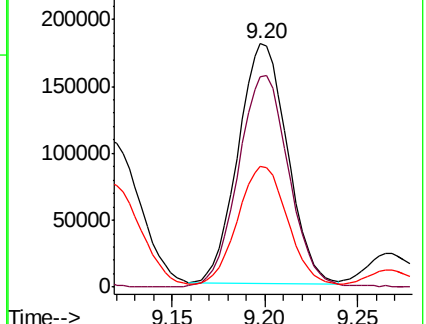
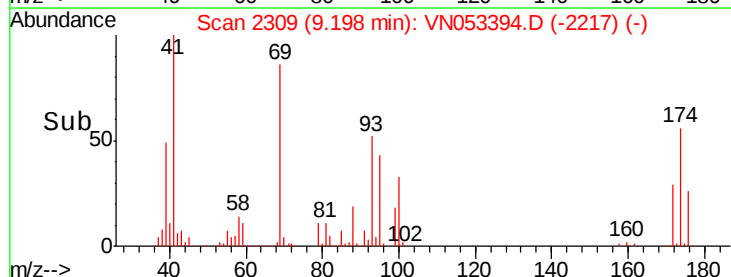
39 52.1 41.6 62.4

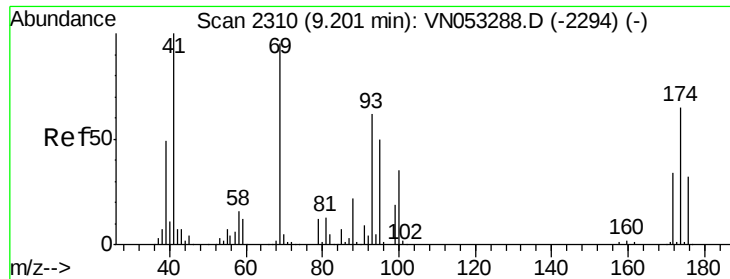


Abundance Ion 41.00 (40.70 to 41.70): VN053394.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053394.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053394.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1003.402 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

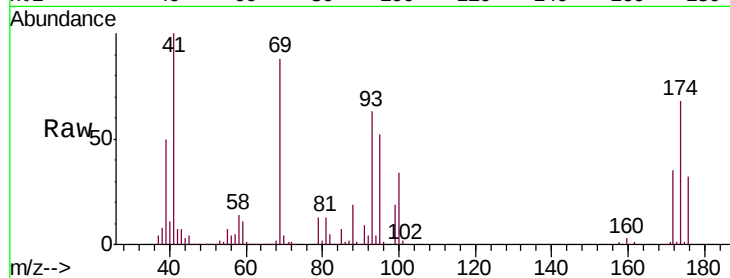
Tgt Ion: 88 Resp: 71915

Ion Ratio Lower Upper

88 100

43 33.7 26.2 39.4

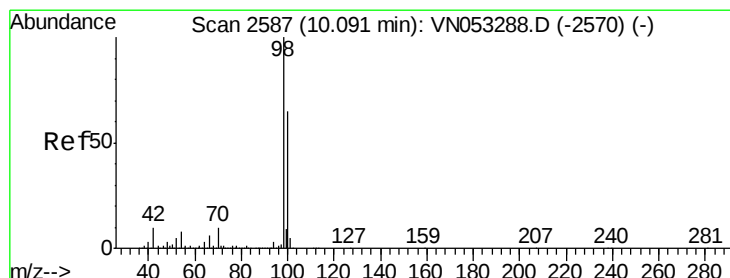
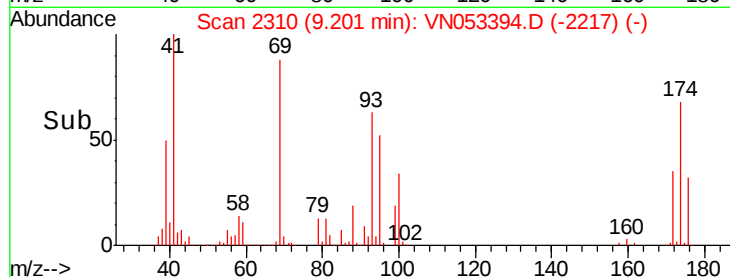
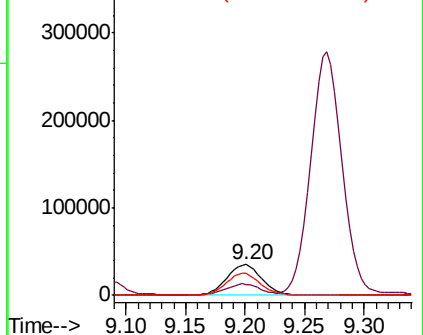
58 71.0 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053394.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053394.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053394.D (-2217) (-)



#50

Toluene-d8

Concen: 1003.402 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053394.D

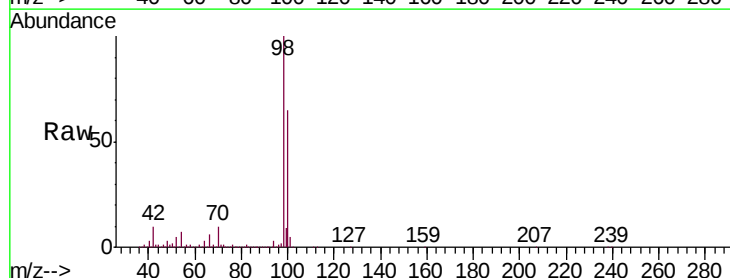
Acq: 14 Jan 2019 16:33

Tgt Ion: 98 Resp: 1485072

Ion Ratio Lower Upper

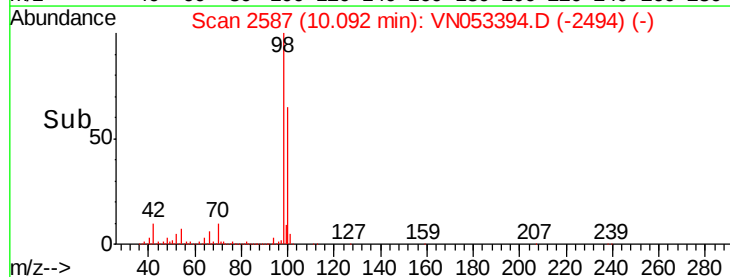
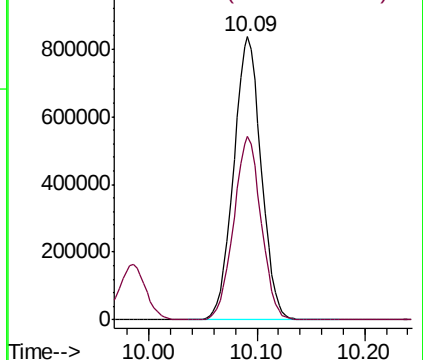
98 100

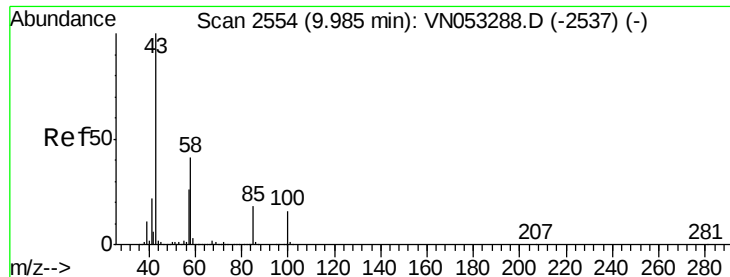
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053394.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053394.D (-2494) (-)

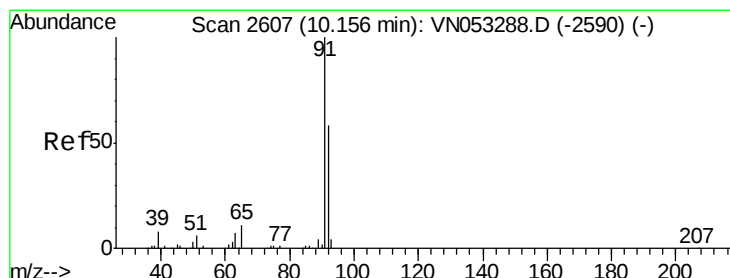
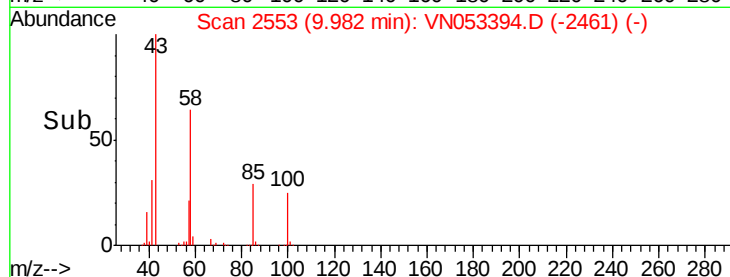
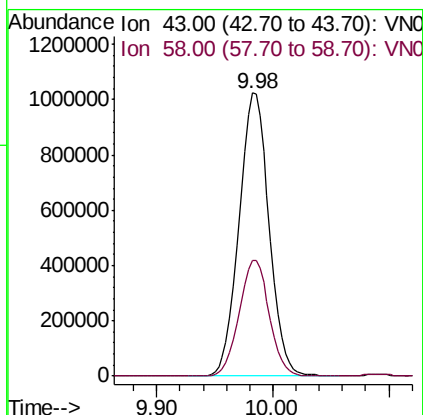
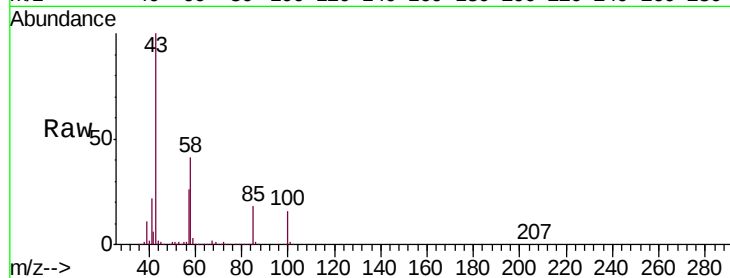




#51
 4-Methyl-2-Pentanone
 Concen: 246.356 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

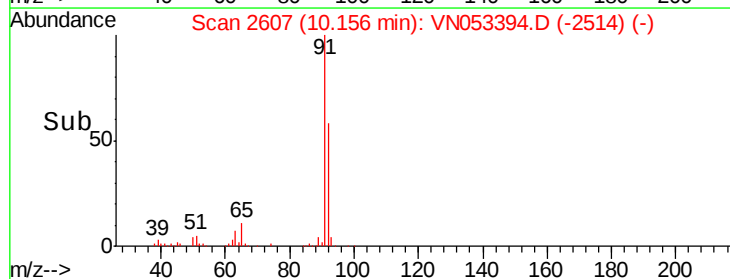
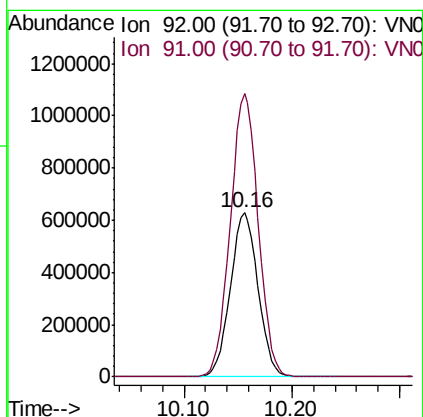
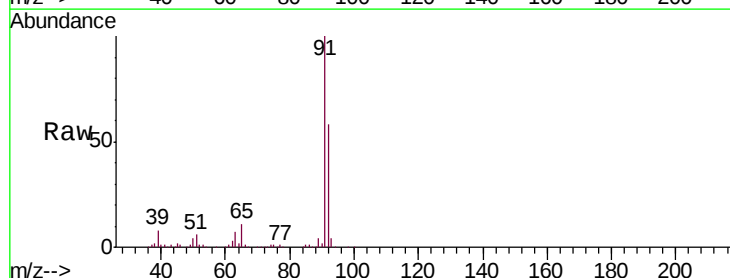
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1834399
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.7 49.1



#52
 Toluene
 Concen: 51.798 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 92 Resp: 1121688
 Ion Ratio Lower Upper
 92 100
 91 174.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.853 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

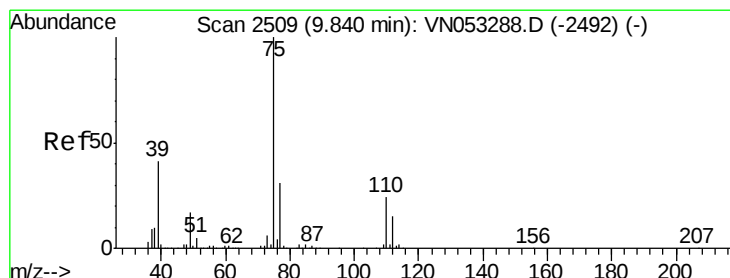
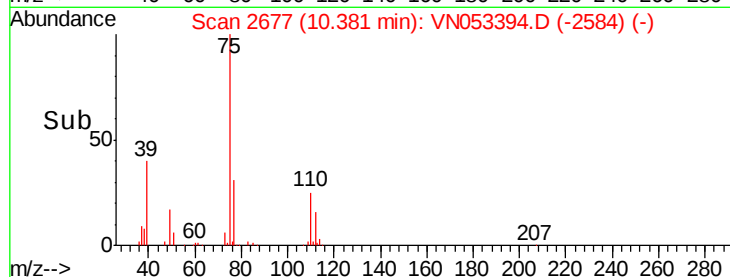
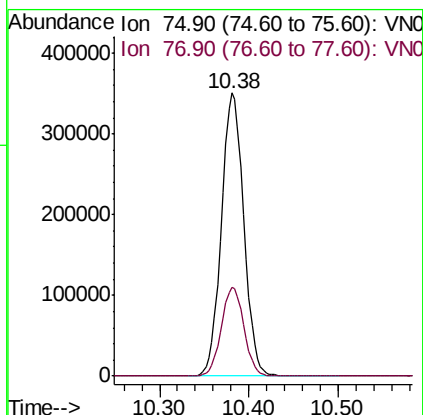
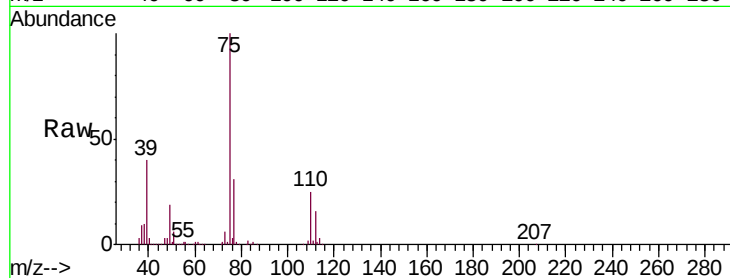
VSTDCCC050EC

Tgt Ion: 75 Resp: 608194

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.758 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

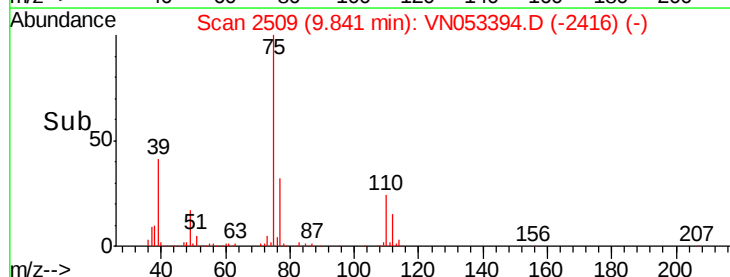
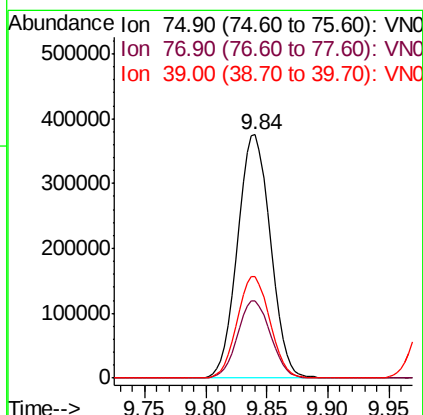
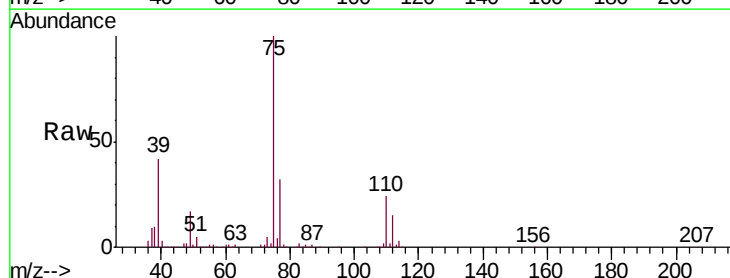
Tgt Ion: 75 Resp: 701546

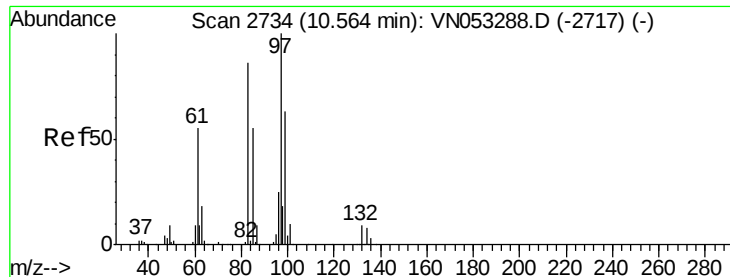
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 41.4 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 50.094 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 398866

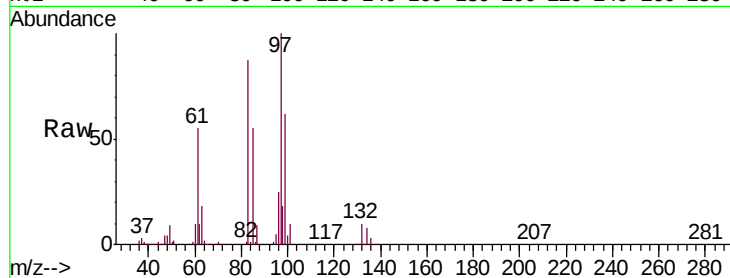
Ion Ratio Lower Upper

97 100

83 87.0 69.1 103.7

85 55.1 44.2 66.4

99 61.9 50.3 75.5

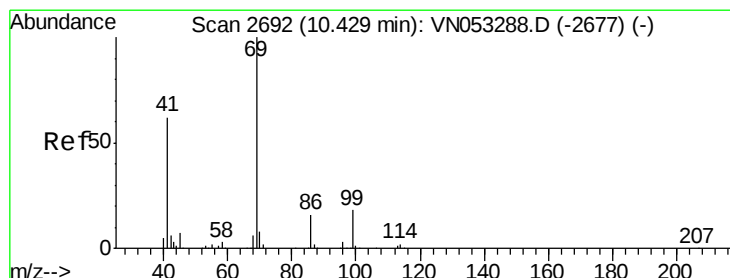
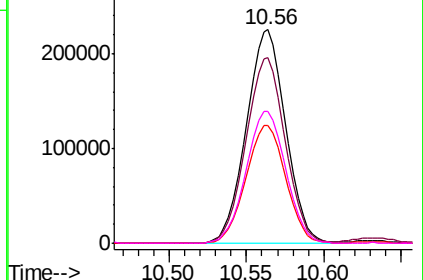
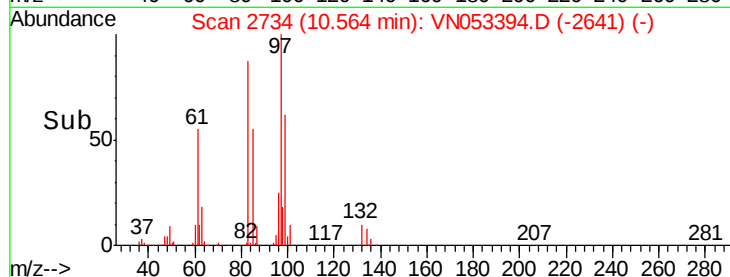


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.568 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

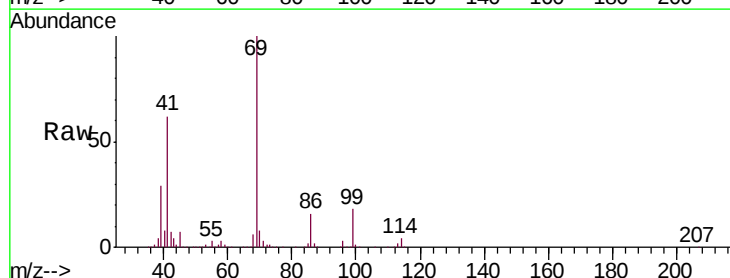
Tgt Ion: 69 Resp: 533585

Ion Ratio Lower Upper

69 100

41 61.8 49.2 73.8

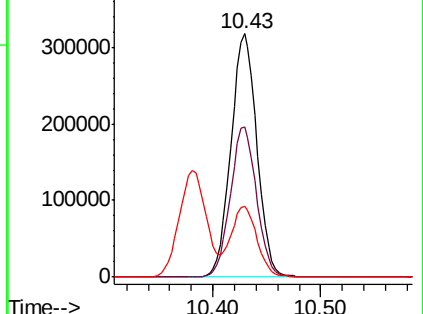
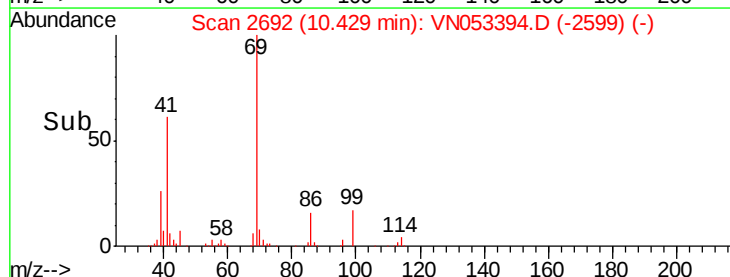
39 29.2 23.4 35.0

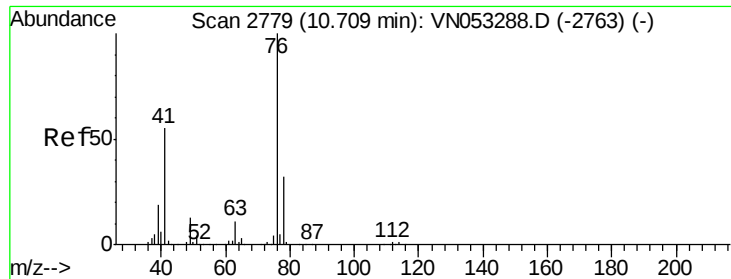


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

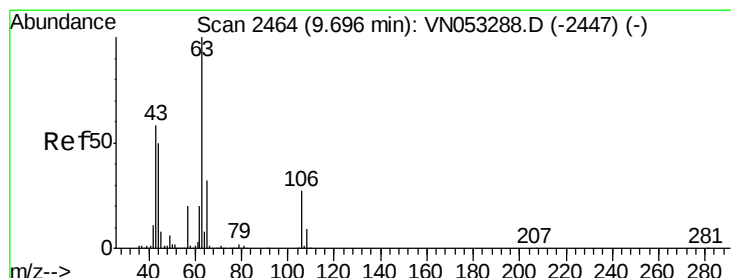
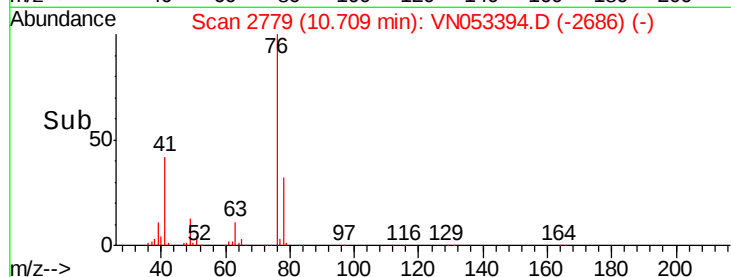
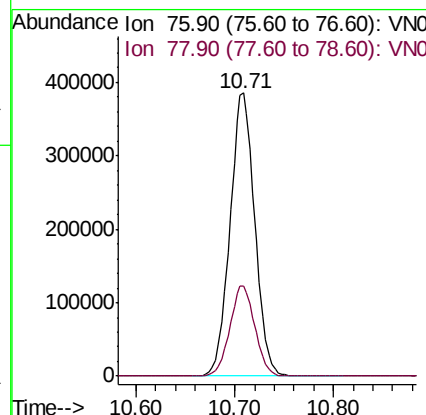
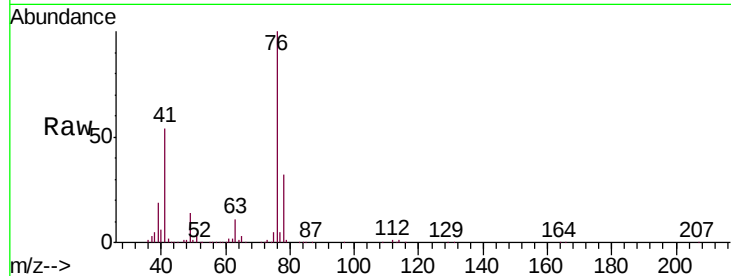




#57
 1,3-Dichloropropane
 Concen: 50.802 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

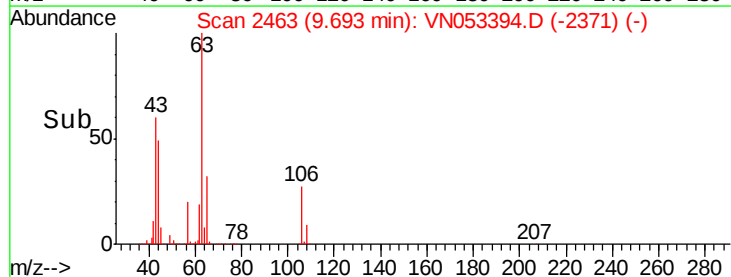
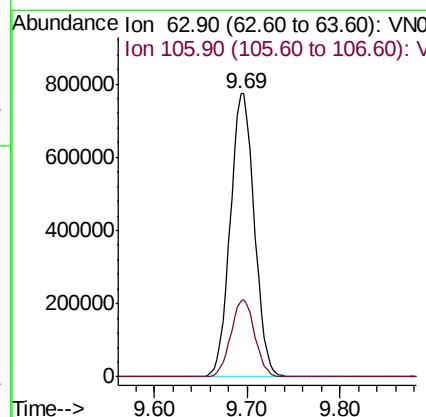
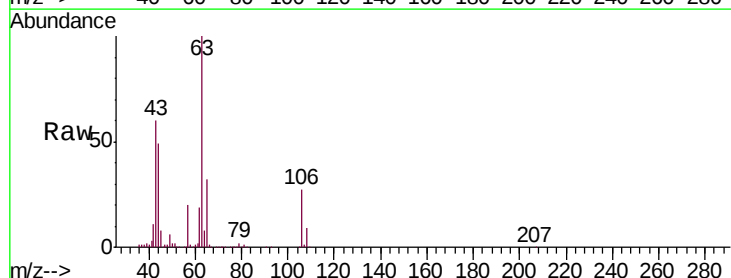
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

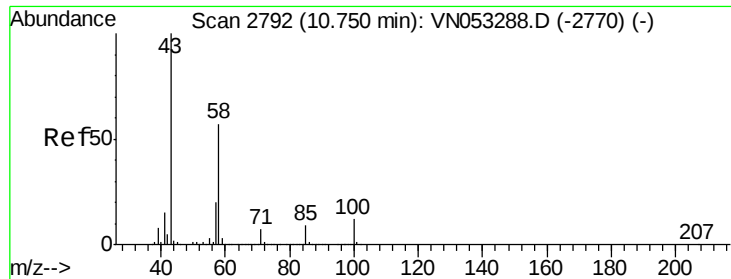
Tgt Ion: 76 Resp: 676451
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.535 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 63 Resp: 1390295
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5

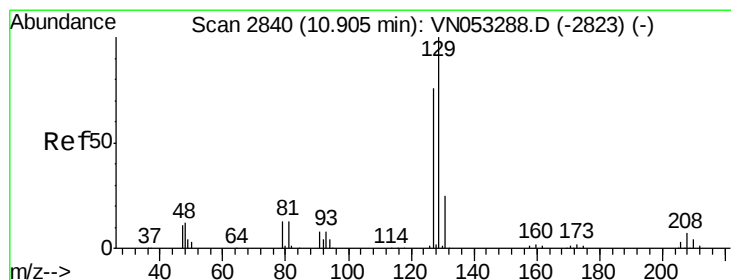
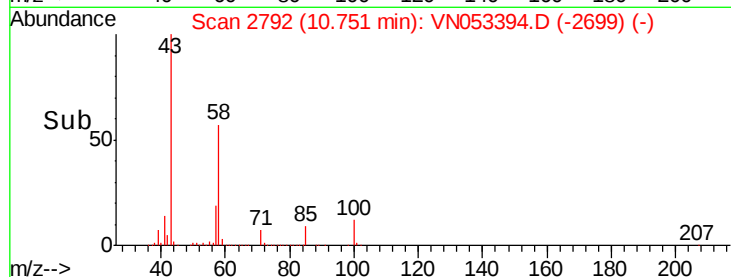
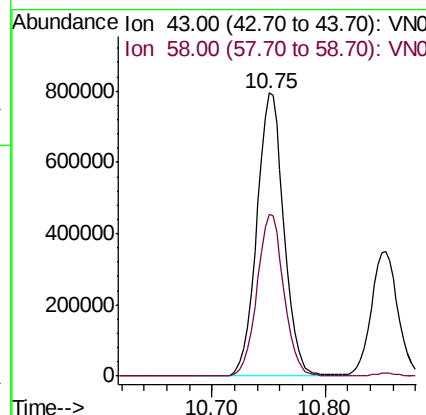
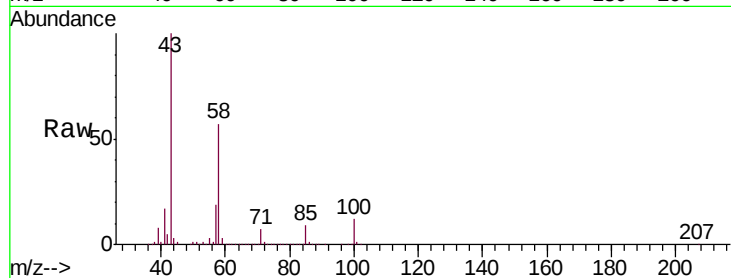




#59
2-Hexanone
Concen: 257.996 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

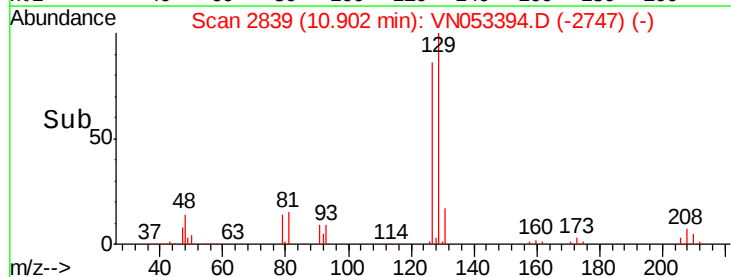
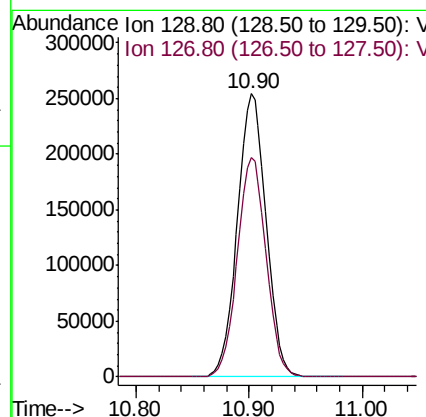
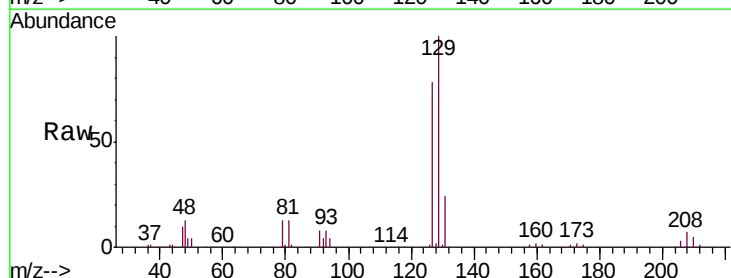
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

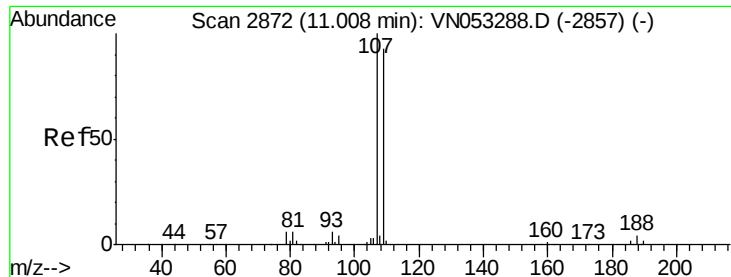
Tgt Ion: 43 Resp: 1316245
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0



#60
Dibromochloromethane
Concen: 52.427 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 129 Resp: 450251
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.209 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

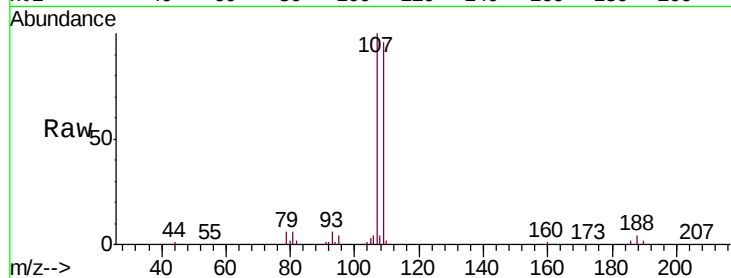
VSTDCCC050EC

Tgt Ion: 107 Resp: 394519

Ion Ratio Lower Upper

107 100

109 95.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

250000

200000

150000

100000

50000

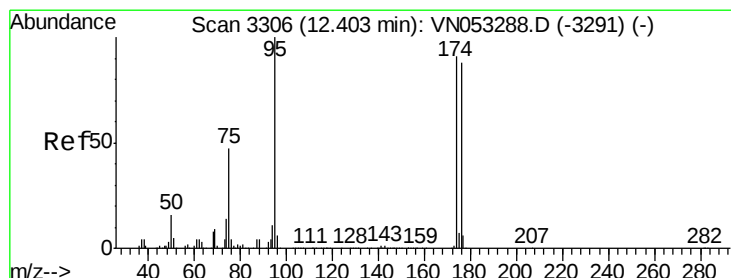
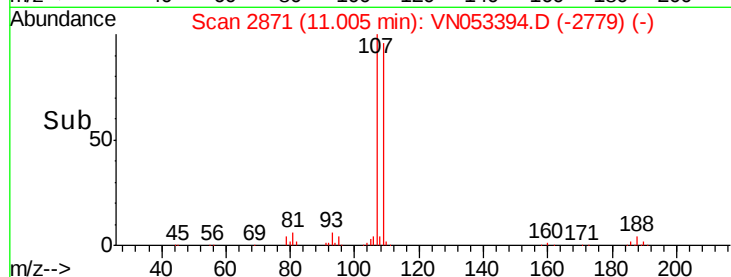
0

Time-->

10.90

11.00

11.10



#62

4-Bromofluorobenzene

Concen: 50.209 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

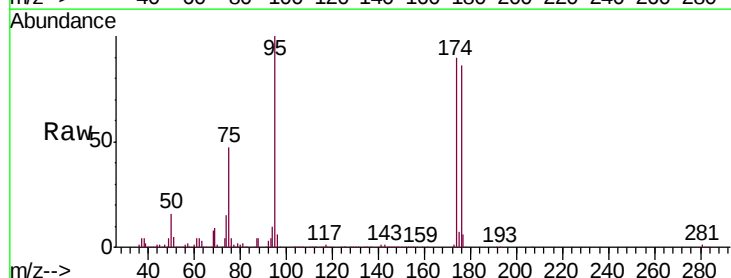
Tgt Ion: 95 Resp: 546023

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.4

176 88.4 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

400000

300000

200000

100000

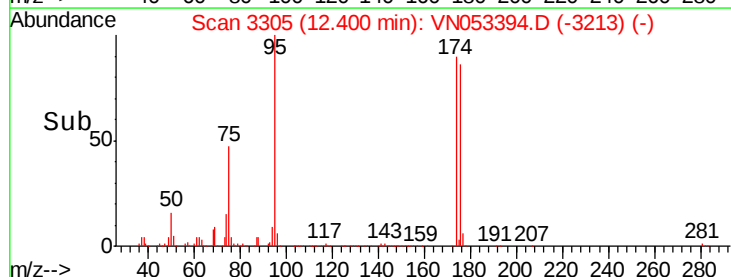
0

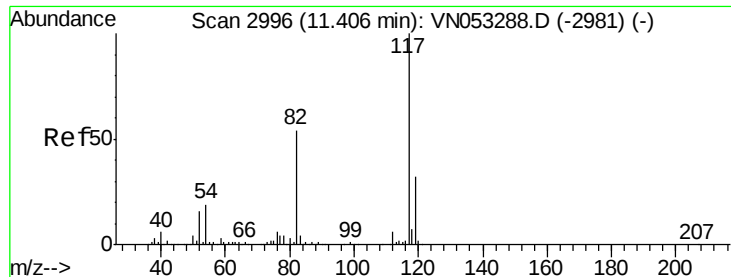
Time-->

12.35

12.40

12.45

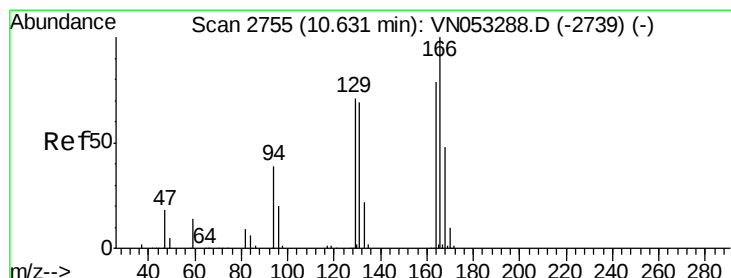
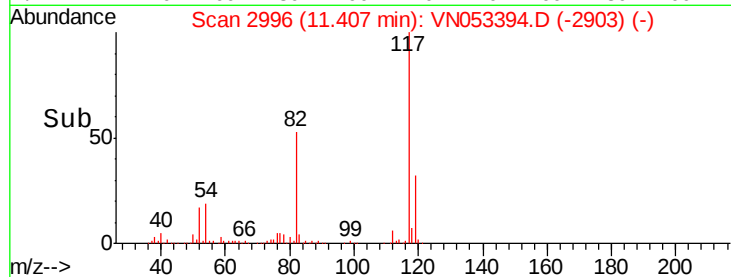
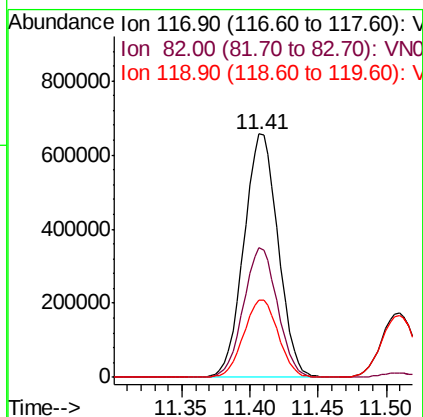
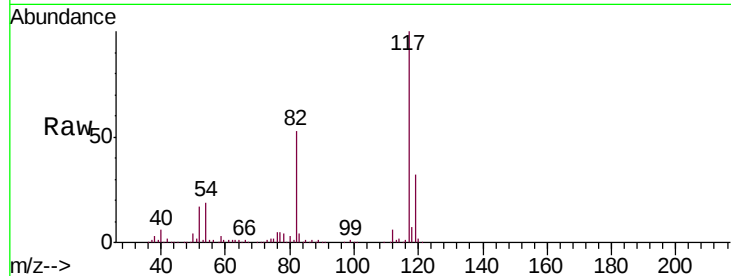




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

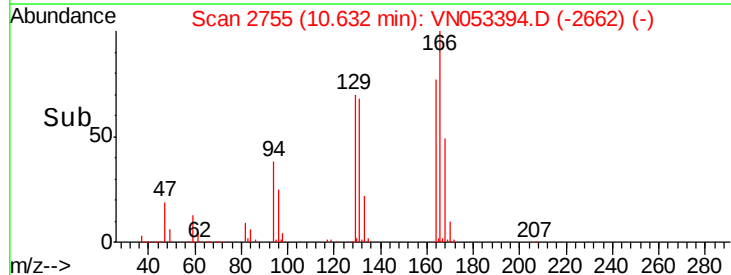
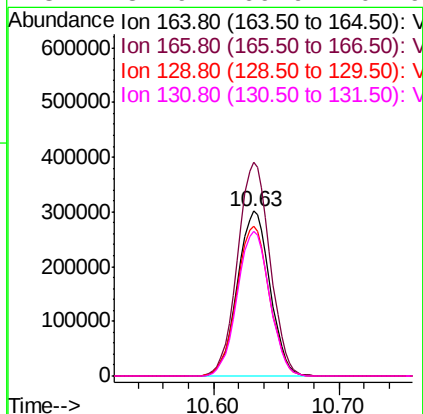
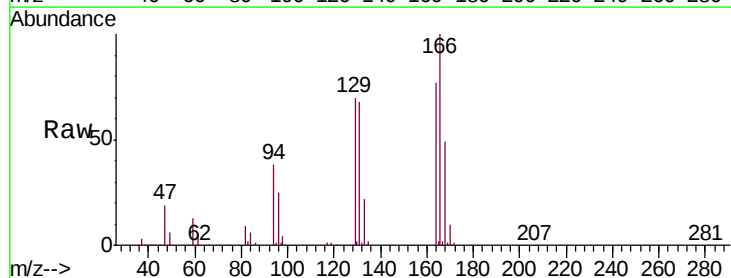
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

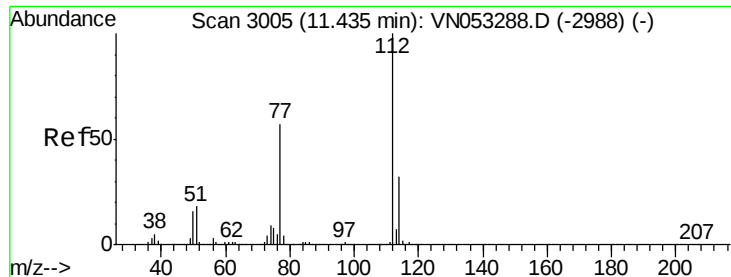
Tgt Ion:117 Resp: 1141889
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 50.508 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion:164 Resp: 542833
Ion Ratio Lower Upper
164 100
166 129.5 101.7 152.5
129 91.2 72.1 108.1
131 87.9 69.9 104.9

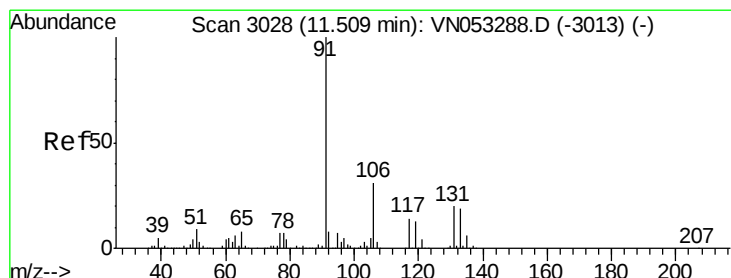
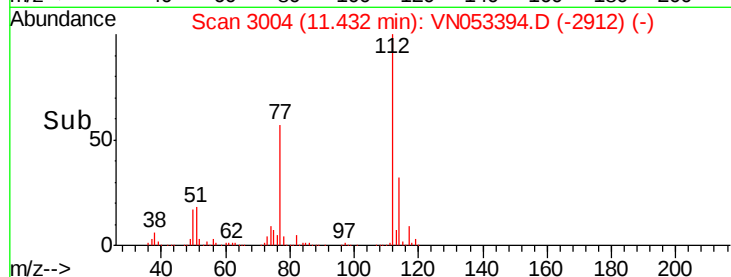
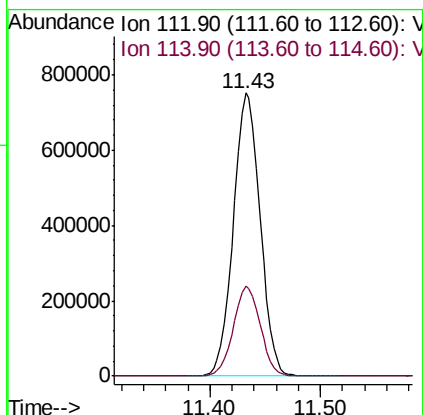
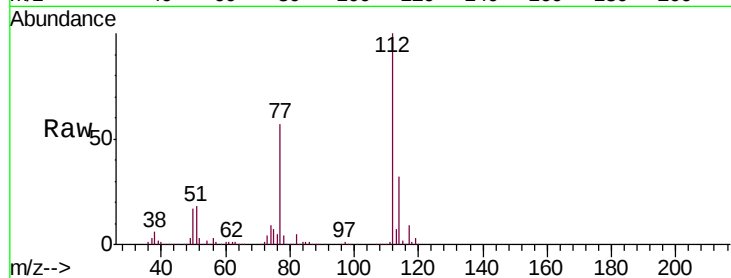




#65
Chlorobenzene
Concen: 50.895 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

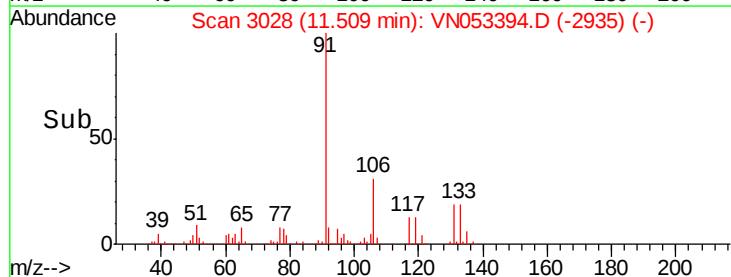
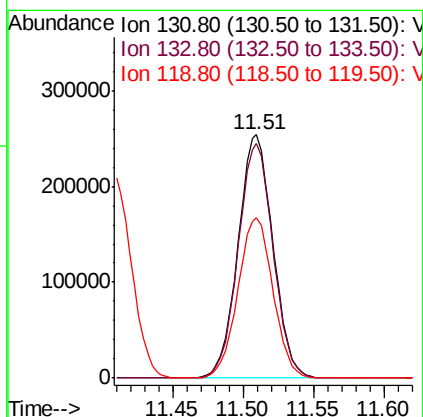
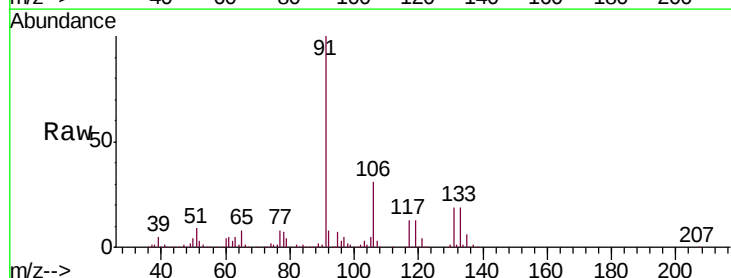
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

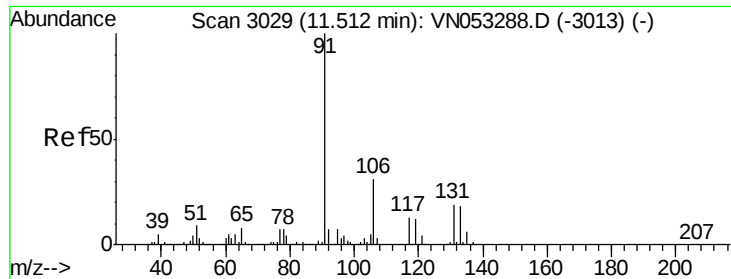
Tgt Ion:112 Resp: 1262498
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.687 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion:131 Resp: 440086
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 66.3 33.3 99.9

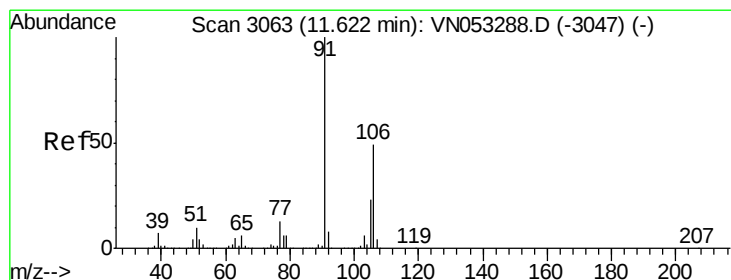
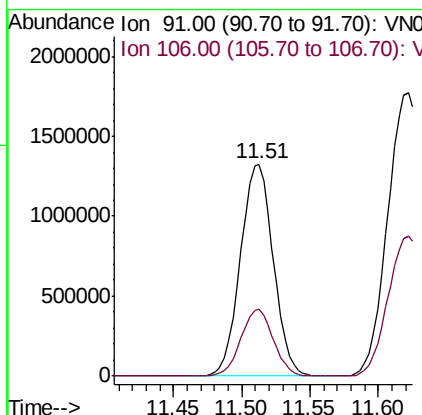
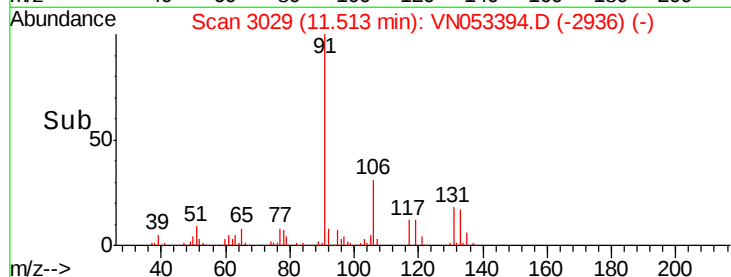
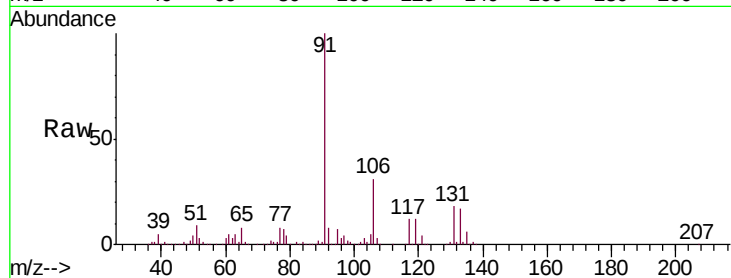




#67
Ethyl Benzene
Concen: 52.456 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

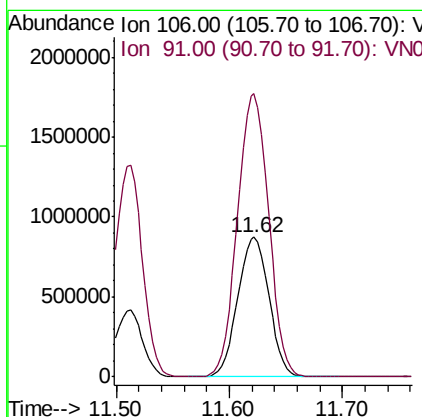
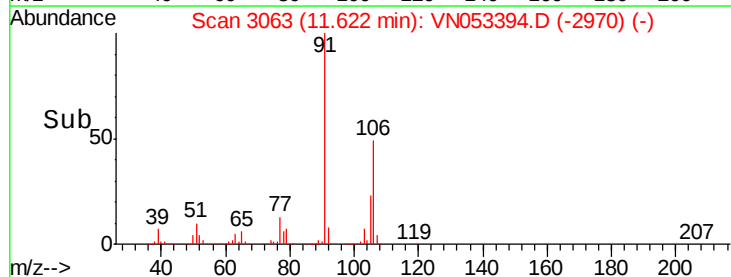
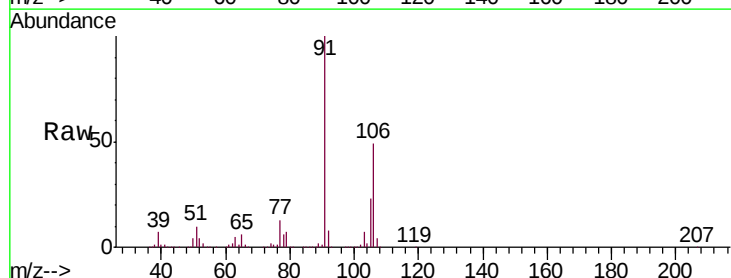
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

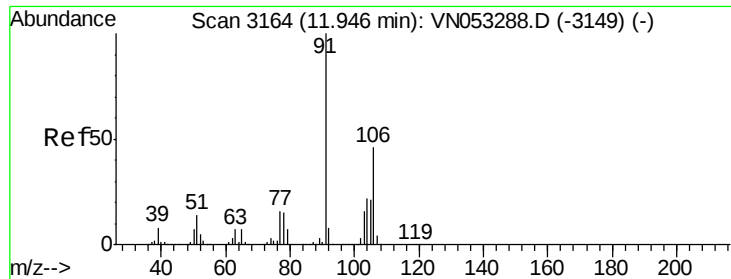
Tgt Ion: 91 Resp: 2211088
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 106.336 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 106 Resp: 1685418
Ion Ratio Lower Upper
106 100
91 202.2 161.4 242.2

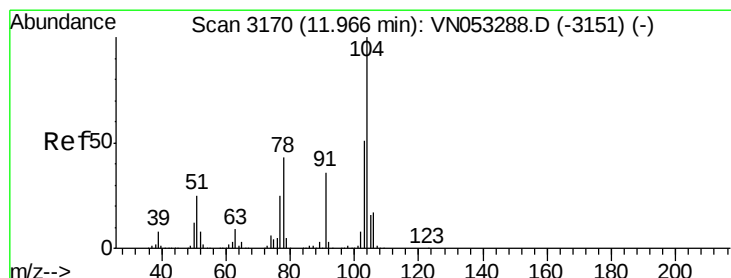
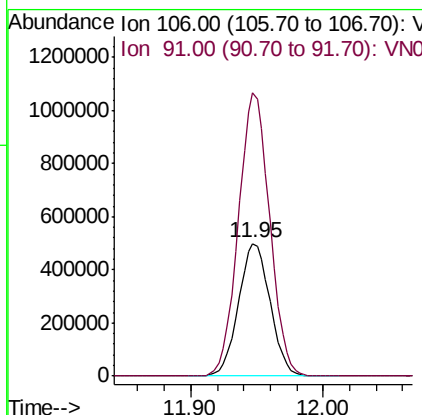
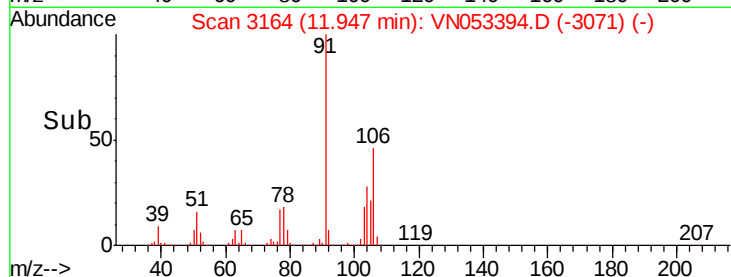
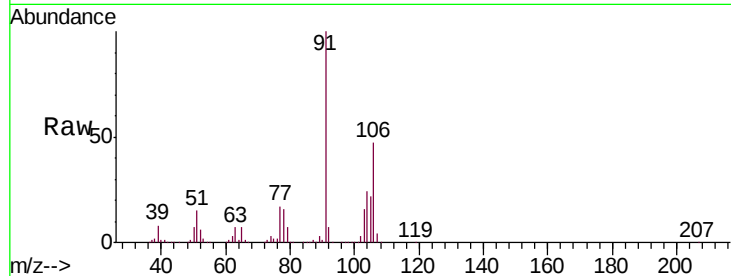




#69
o-Xylene
Concen: 53.103 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

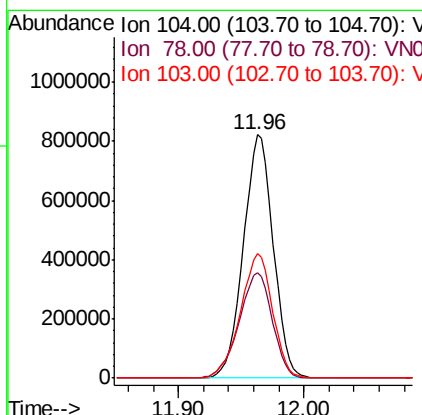
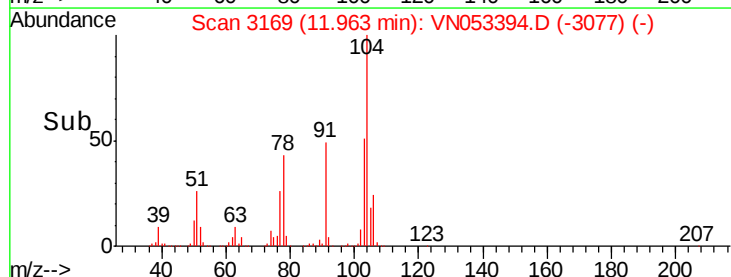
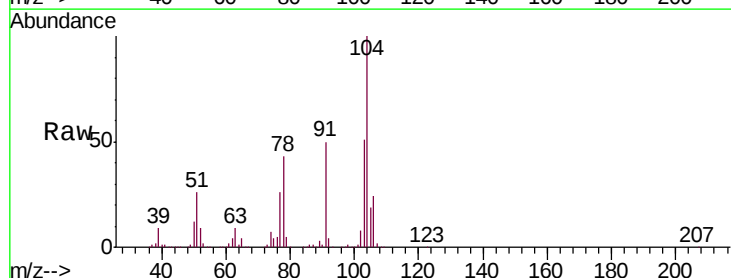
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

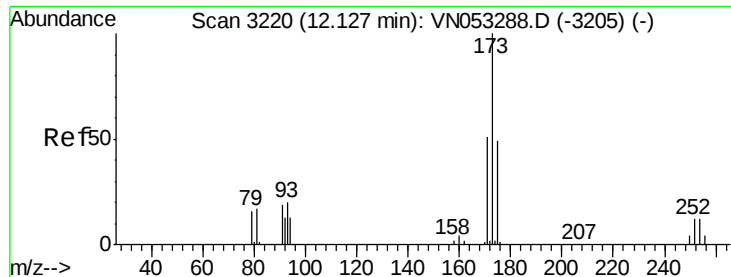
Tgt Ion:106 Resp: 824011
Ion Ratio Lower Upper
106 100
91 211.8 106.8 320.4



#70
Styrene
Concen: 53.960 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion:104 Resp: 1362729
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.0 44.5 66.7

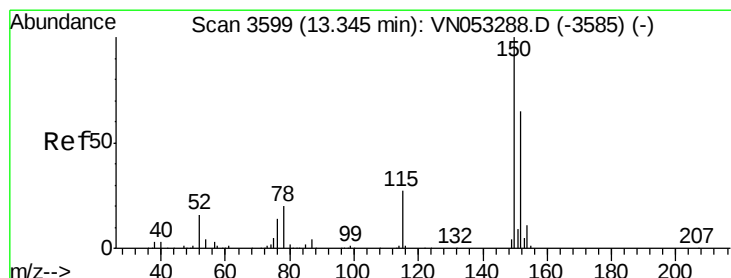
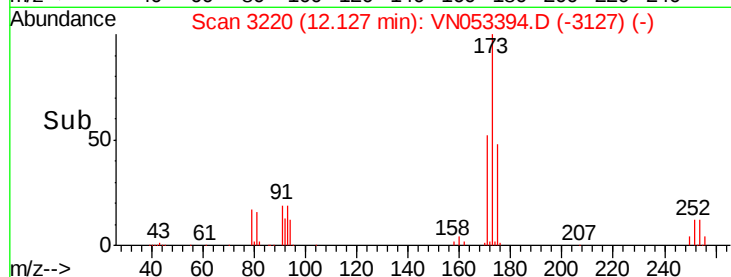
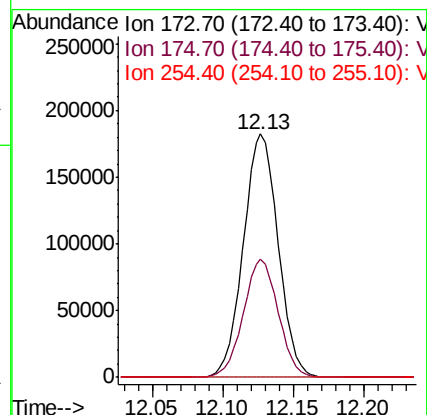
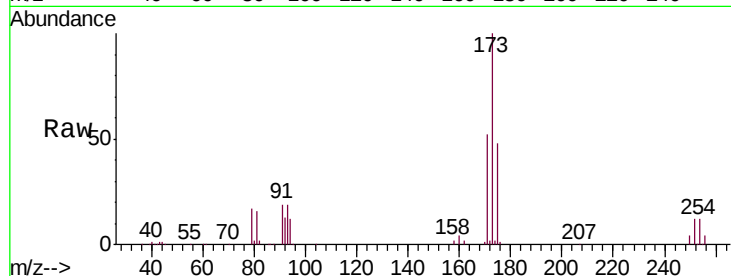




#71
Bromoform
Concen: 51.468 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

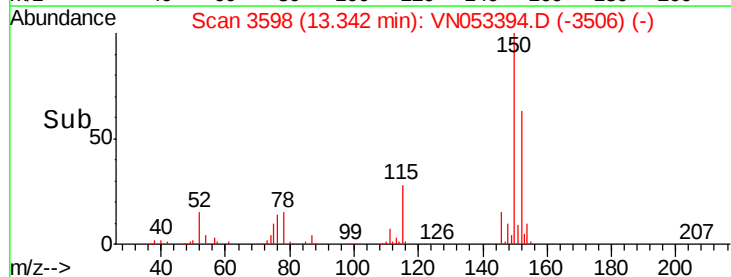
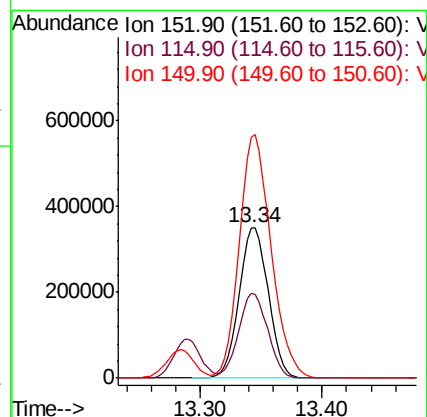
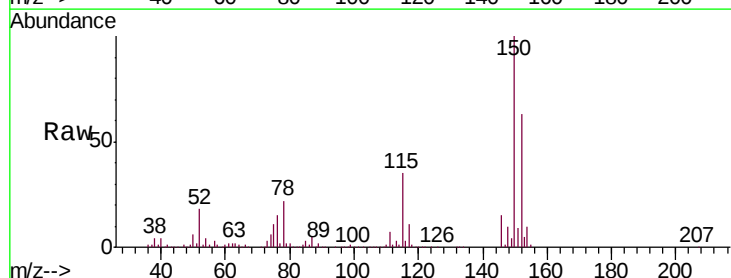
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

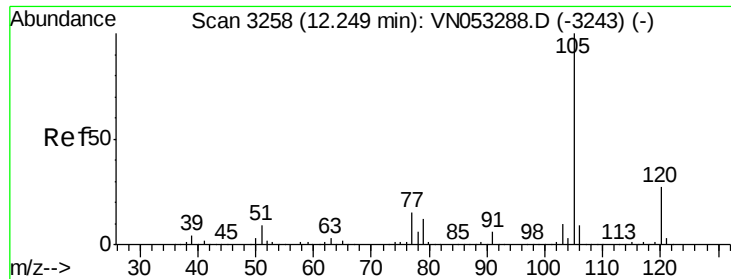
Tgt Ion:173 Resp: 315640
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion:152 Resp: 580716
Ion Ratio Lower Upper
152 100
115 56.2 28.0 84.0
150 176.4 0.0 346.6





#73

Isopropylbenzene

Concen: 51.327 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

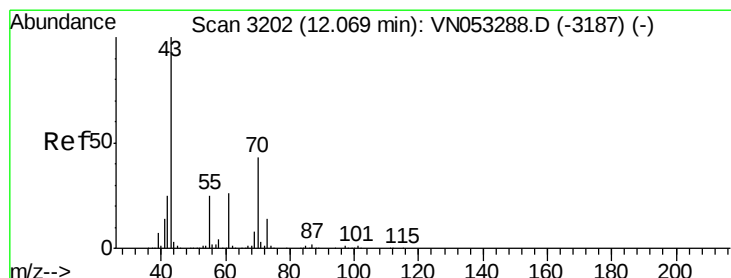
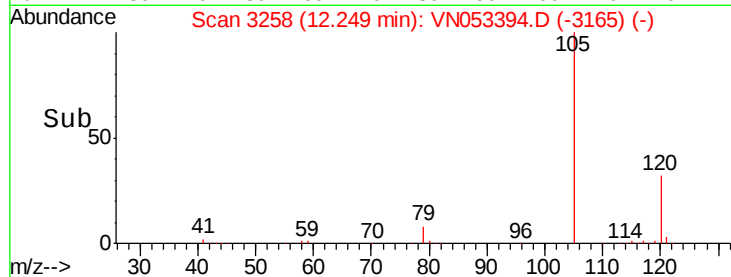
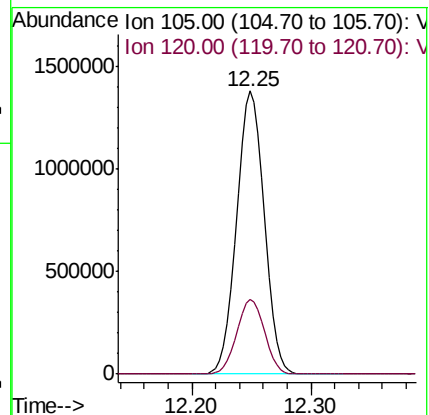
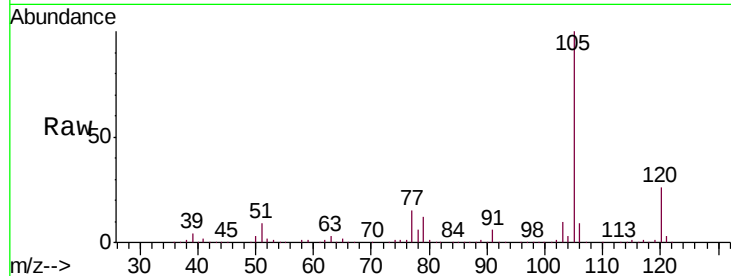
VSTDCCC050EC

Tgt Ion:105 Resp: 2219159

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 48.049 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Tgt Ion: 43 Resp: 620337

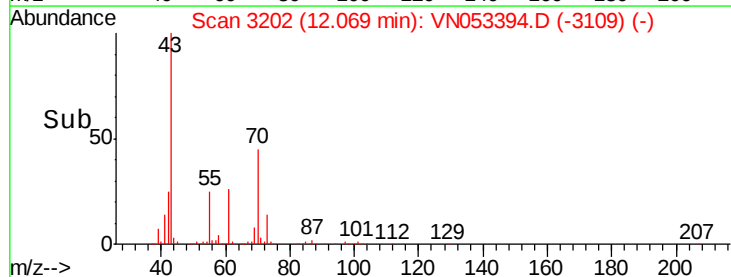
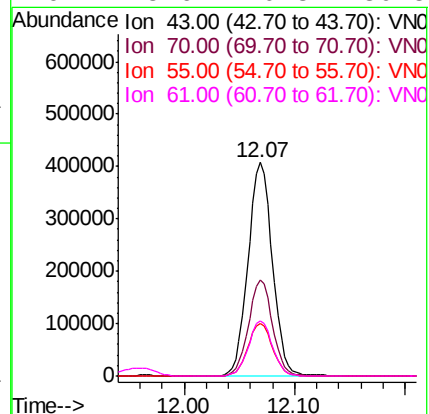
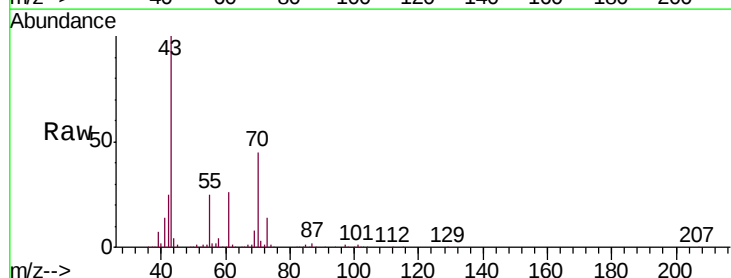
Ion Ratio Lower Upper

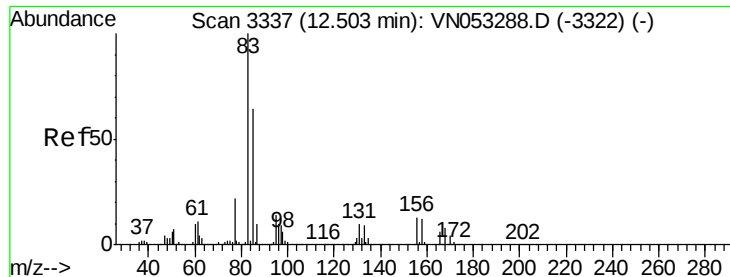
43 100

70 44.4 35.0 52.6

55 25.2 20.0 30.0

61 25.6 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.957 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

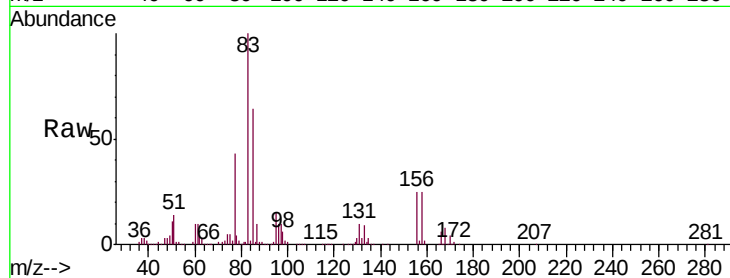
Tgt Ion: 83 Resp: 457075

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

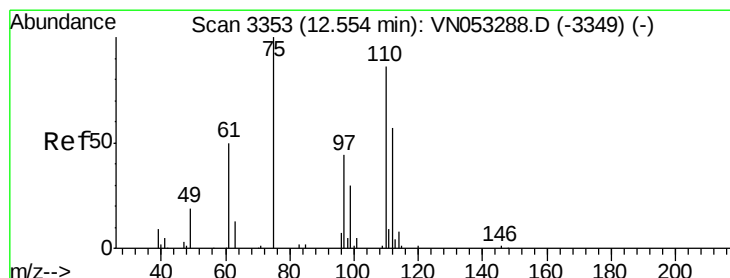
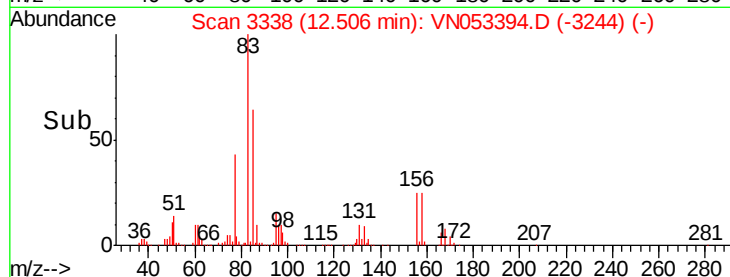
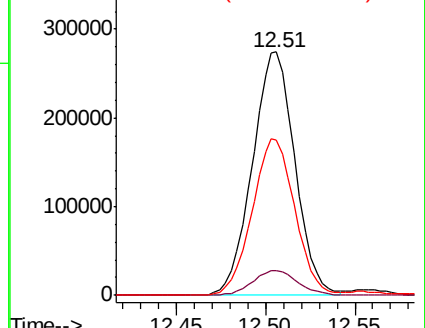
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.644 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053394.D

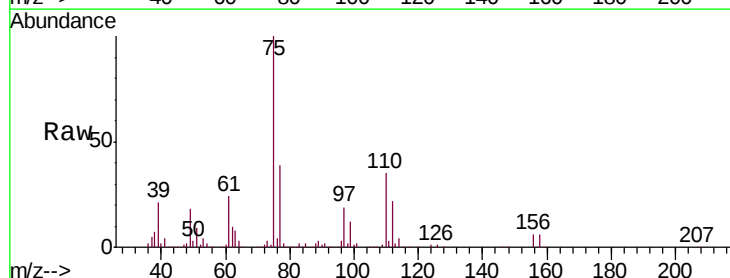
Acq: 14 Jan 2019 16:33

Tgt Ion: 75 Resp: 632243

Ion Ratio Lower Upper

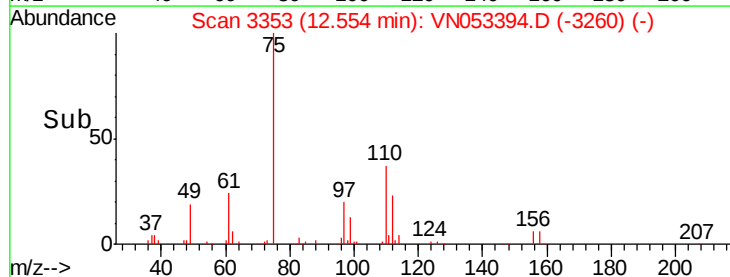
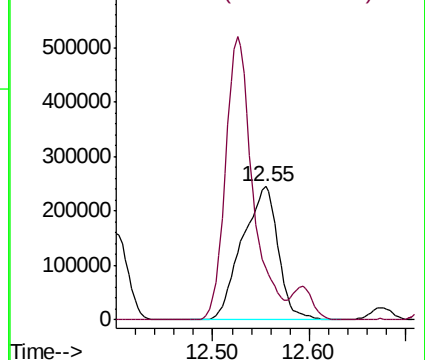
75 100

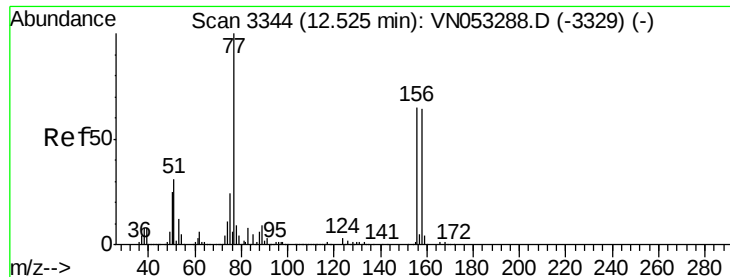
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.225 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

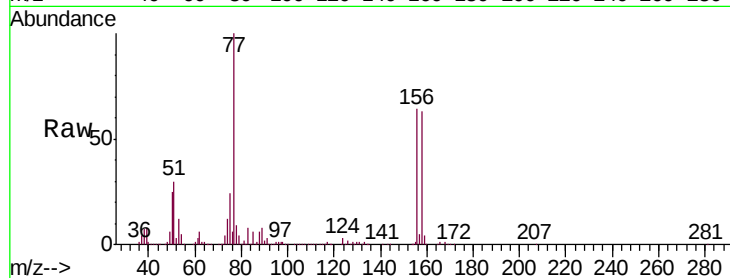
Tgt Ion:156 Resp: 568029

Ion Ratio Lower Upper

156 100

77 178.6 89.3 268.1

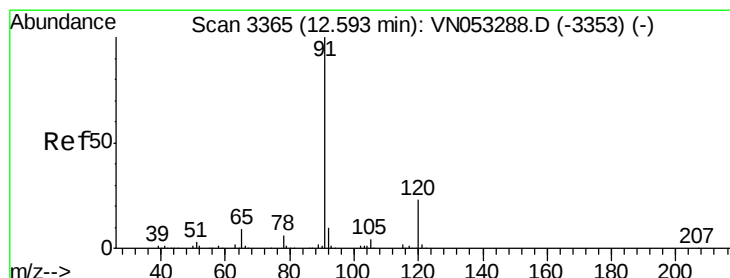
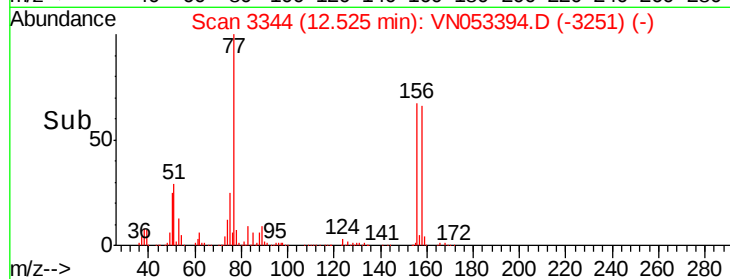
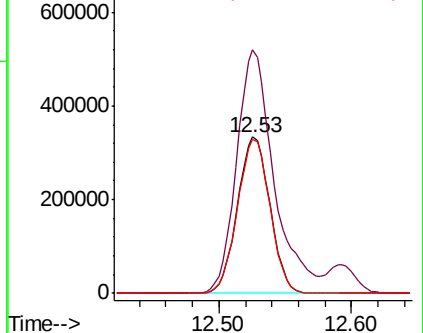
158 98.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.362 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053394.D

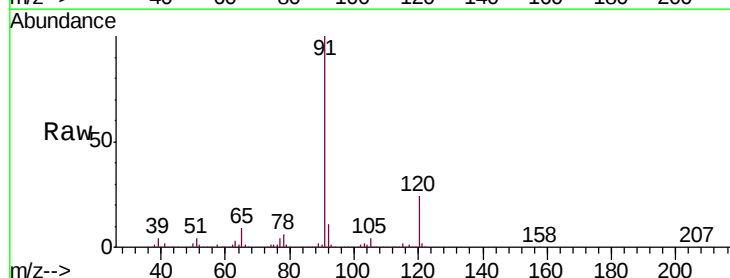
Acq: 14 Jan 2019 16:33

Tgt Ion: 91 Resp: 2609723

Ion Ratio Lower Upper

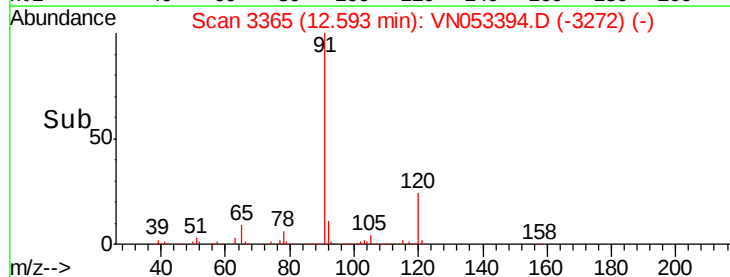
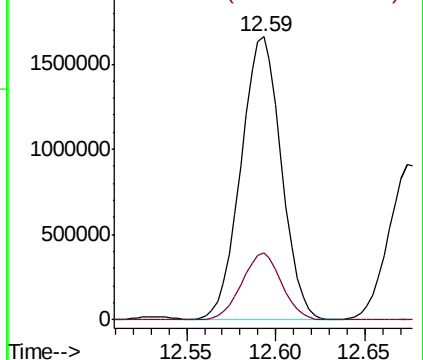
91 100

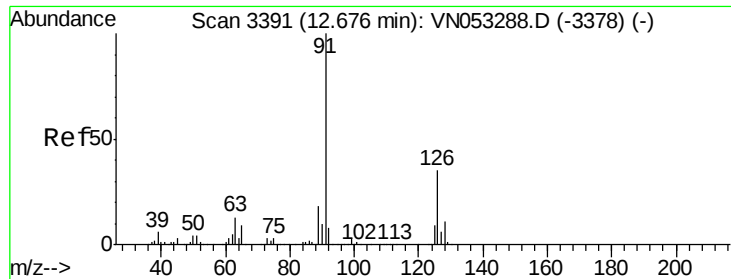
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.322 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

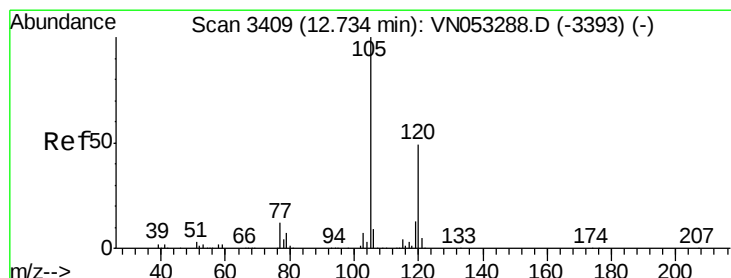
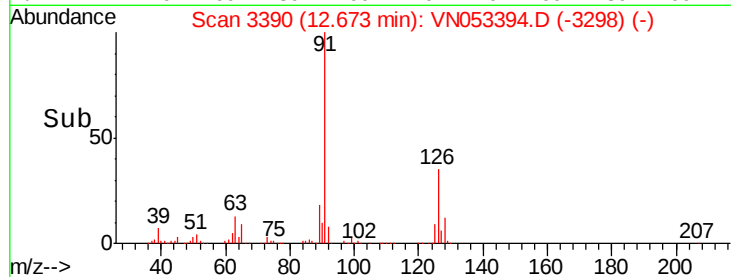
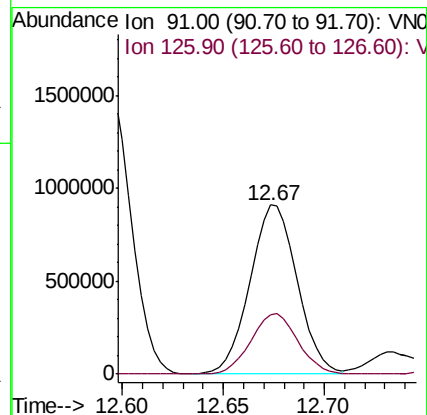
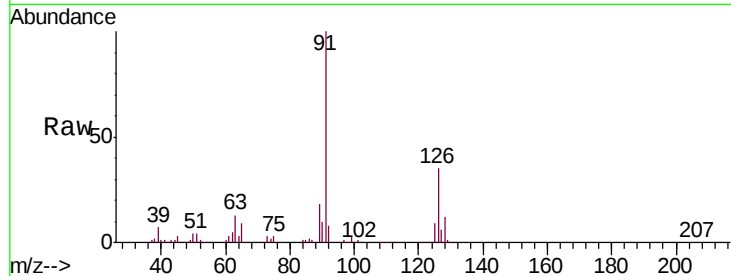
VSTDCCC050EC

Tgt Ion: 91 Resp: 1489141

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 52.848 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053394.D

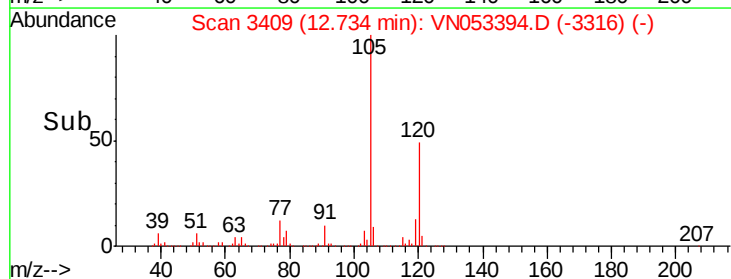
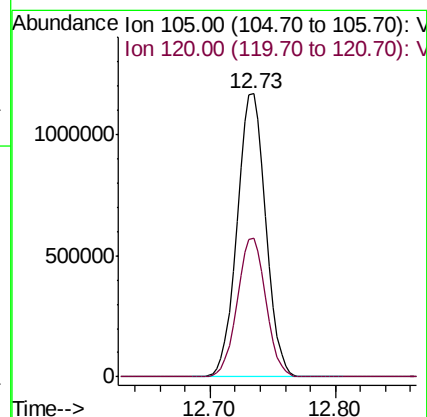
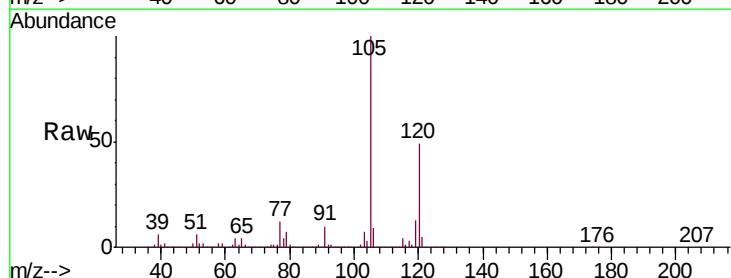
Acq: 14 Jan 2019 16:33

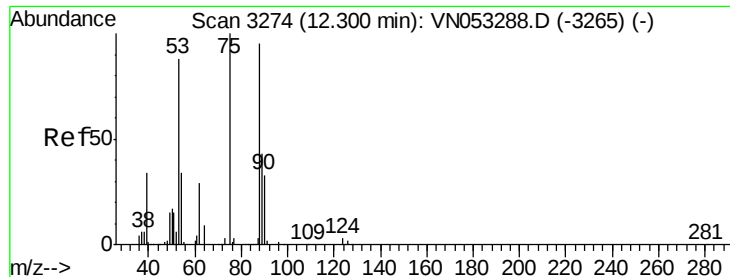
Tgt Ion: 105 Resp: 1840502

Ion Ratio Lower Upper

105 100

120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.043 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053394.D

Acq: 14 Jan 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

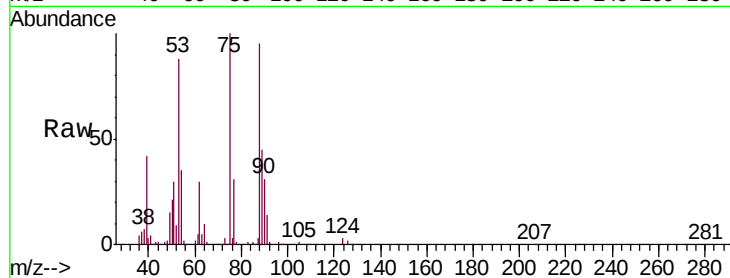
Tgt Ion: 75 Resp: 146946

Ion Ratio Lower Upper

75 100

53 89.2 70.5 105.7

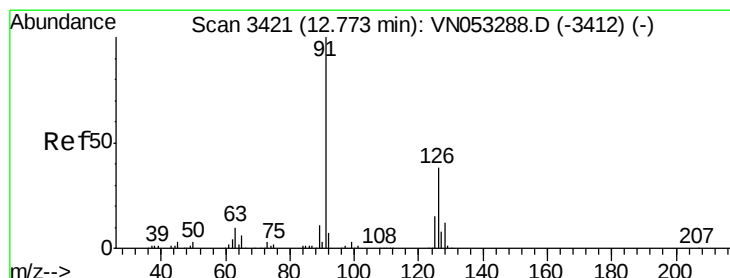
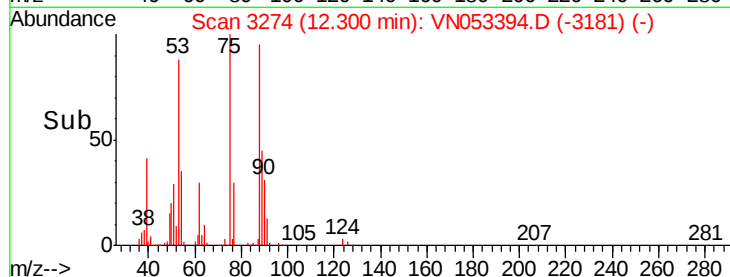
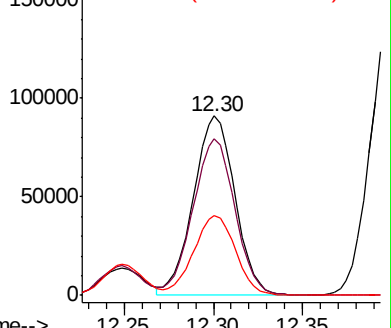
89 45.1 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.023 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053394.D

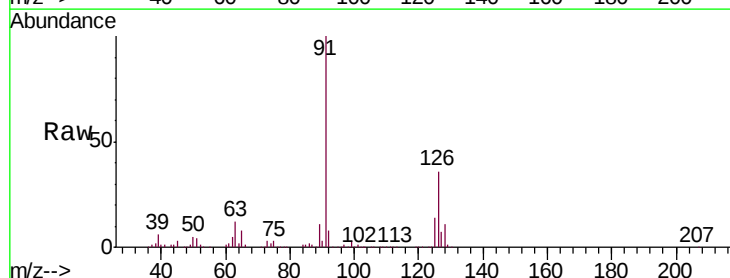
Acq: 14 Jan 2019 16:33

Tgt Ion: 91 Resp: 1548241

Ion Ratio Lower Upper

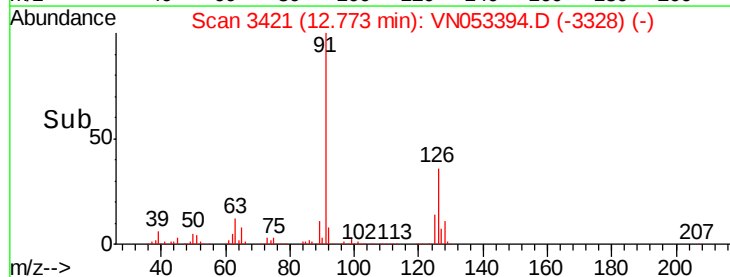
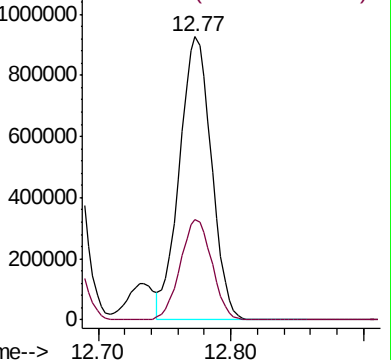
91 100

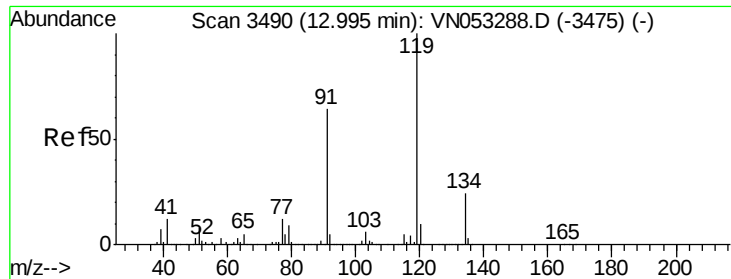
126 35.1 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

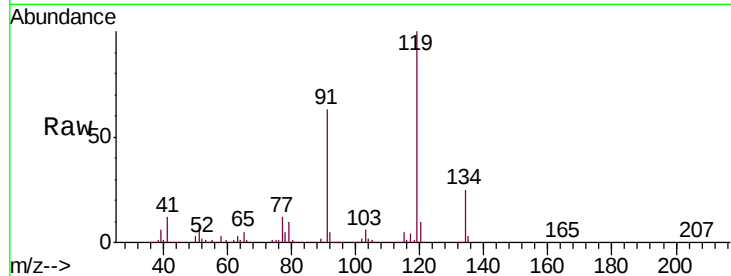




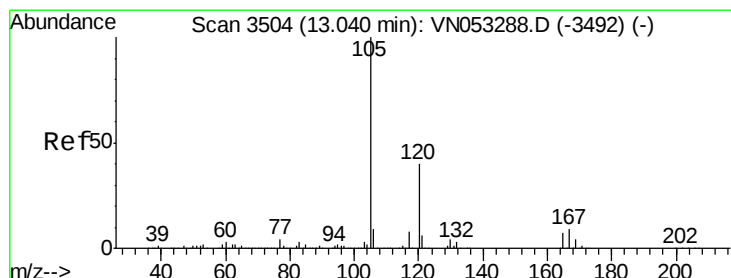
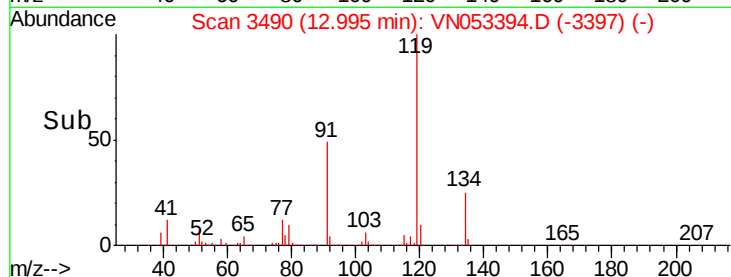
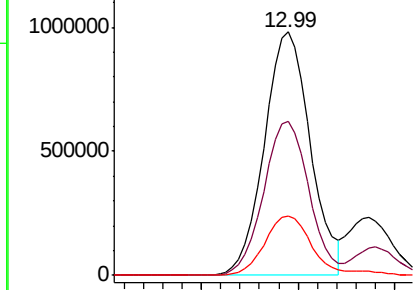
#83
 tert-Butylbenzene
 Concen: 53.040 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1620667
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.6 95.0
 134 25.7 12.9 38.6

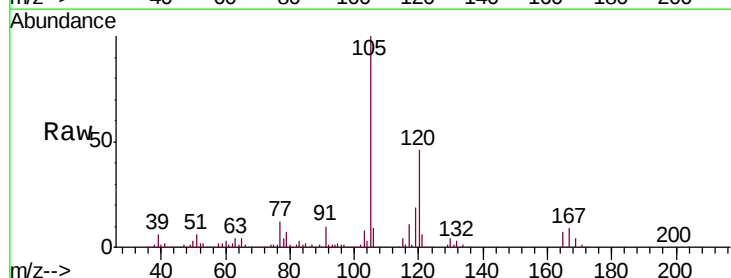


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

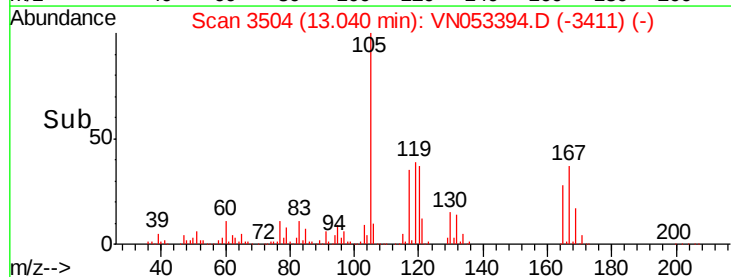
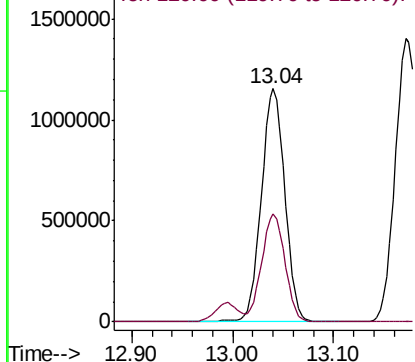


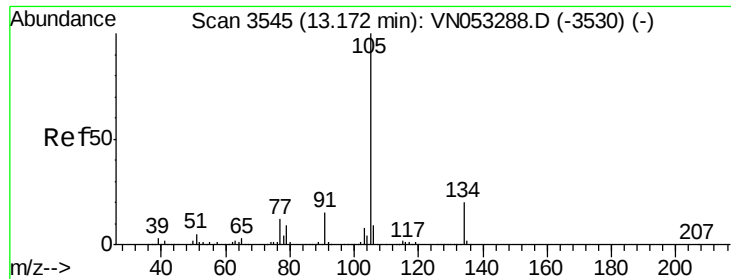
#84
 1,2,4-Trimethylbenzene
 Concen: 52.699 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion:105 Resp: 1869760
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0



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

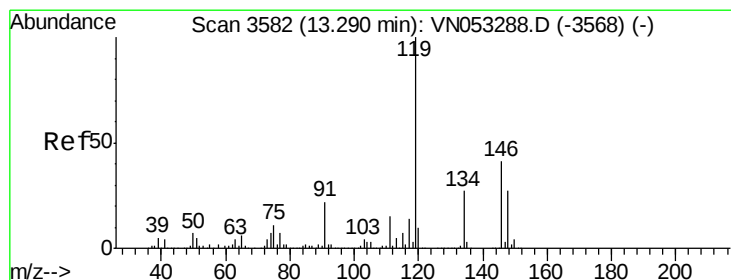
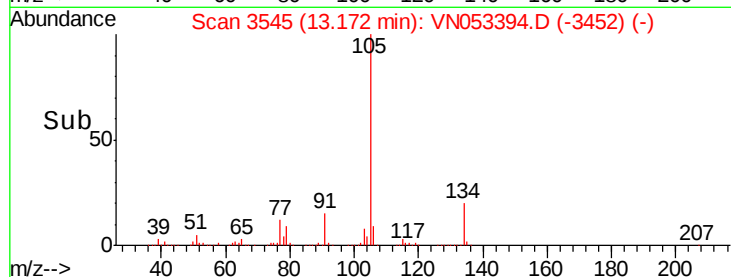
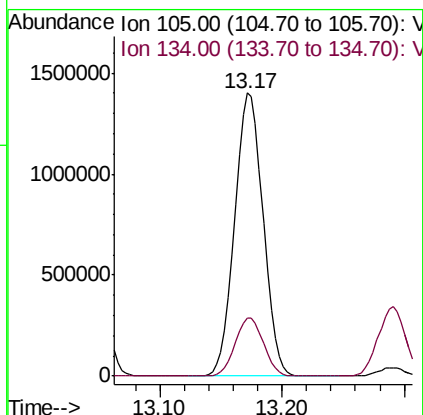
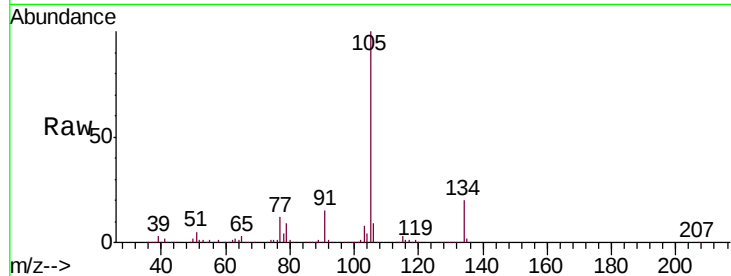




#85
 sec-Butylbenzene
 Concen: 55.953 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

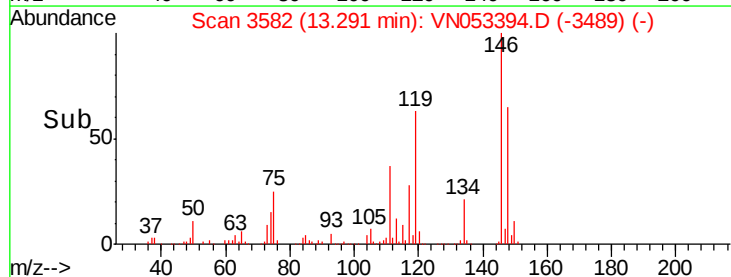
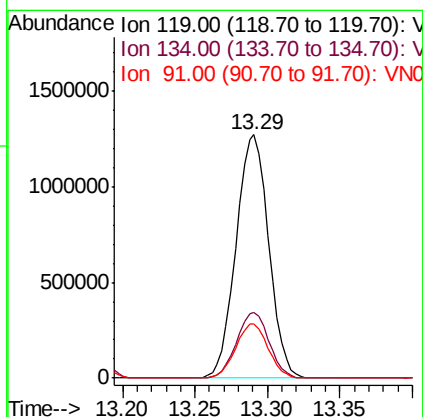
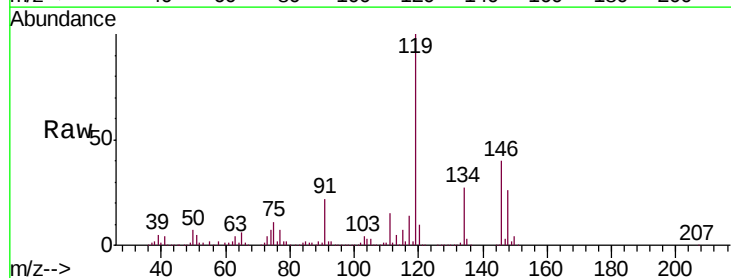
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

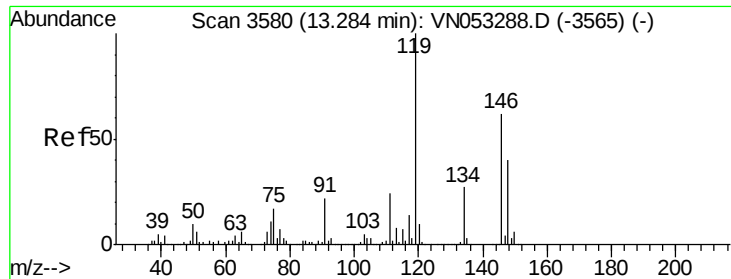
Tgt Ion:105 Resp: 2254724
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 56.811 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion:119 Resp: 1982108
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.2 11.1 33.1

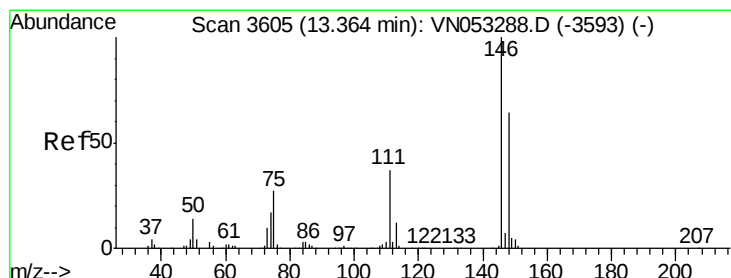
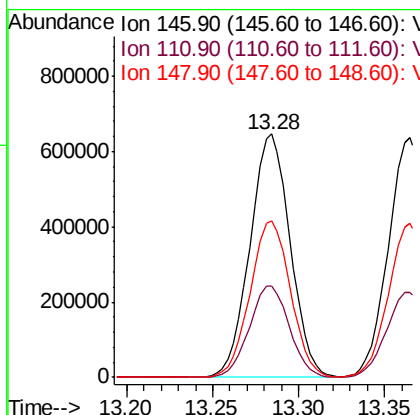
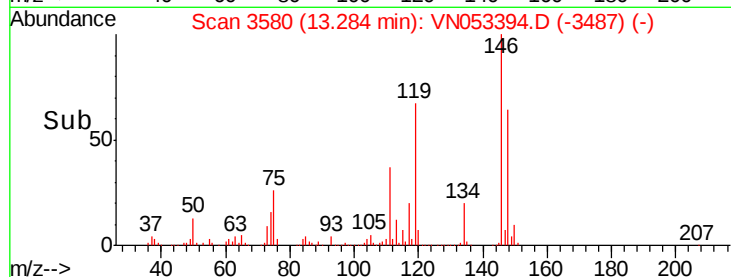
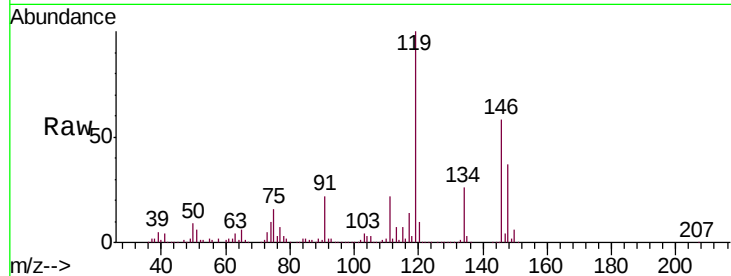




#87
 1,3-Dichlorobenzene
 Concen: 51.484 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

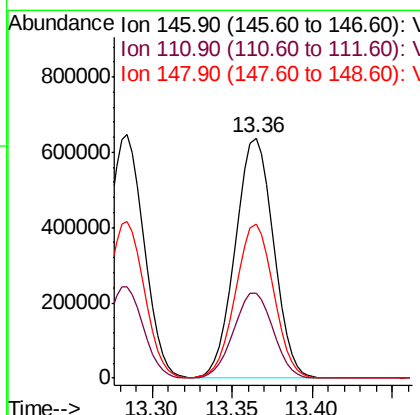
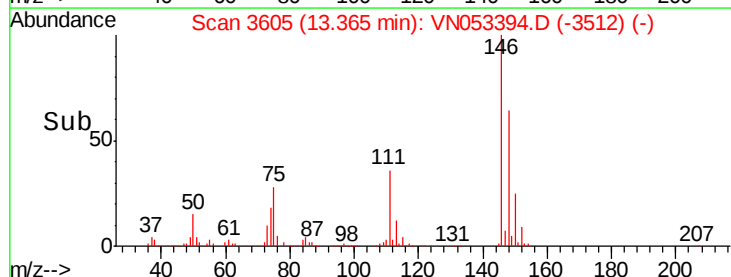
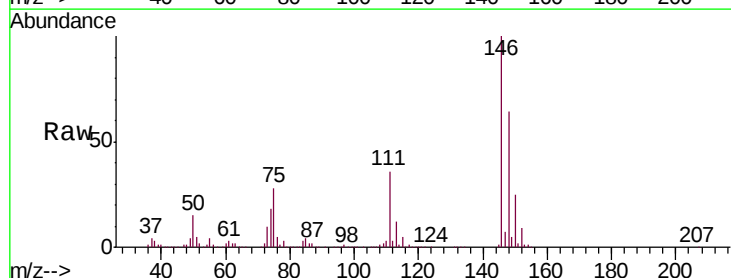
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

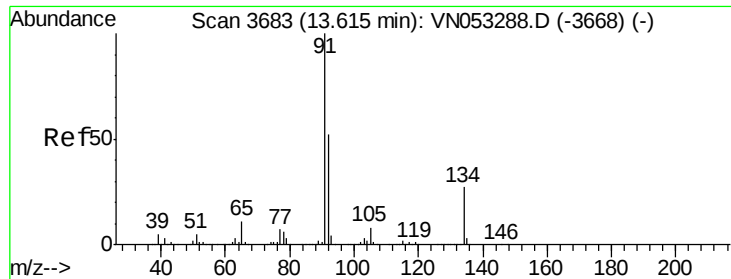
Tgt Ion:146 Resp: 1046205
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.5
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.348 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion:146 Resp: 1035075
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 64.0 32.0 96.0

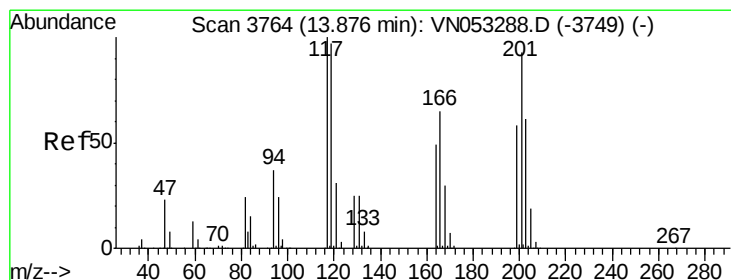
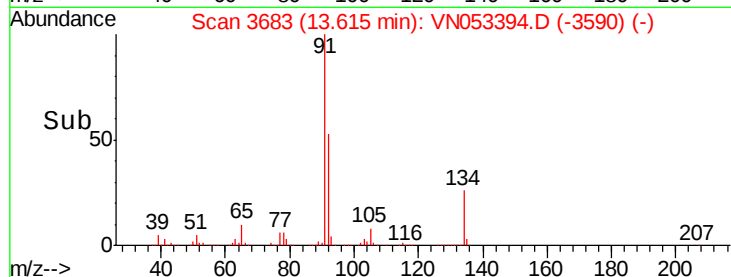
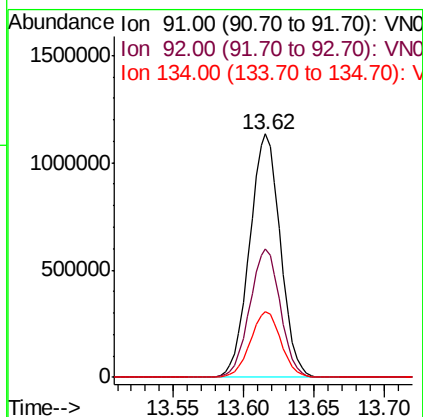
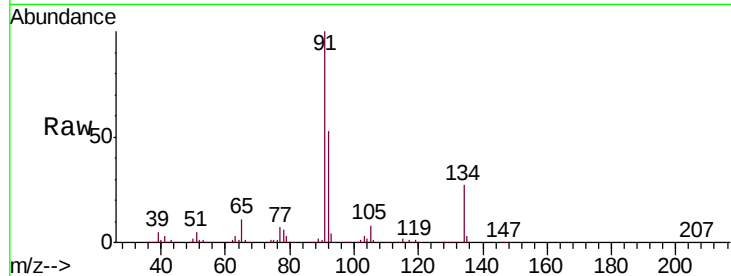




#89
n-Butylbenzene
Concen: 59.082 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

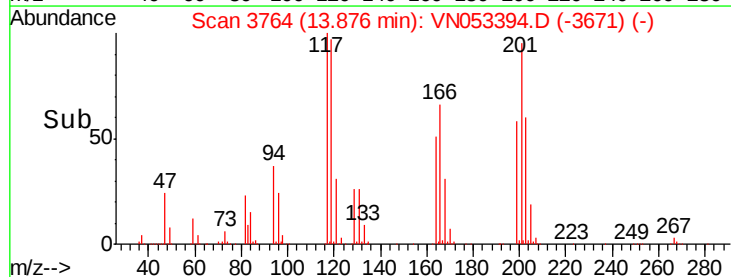
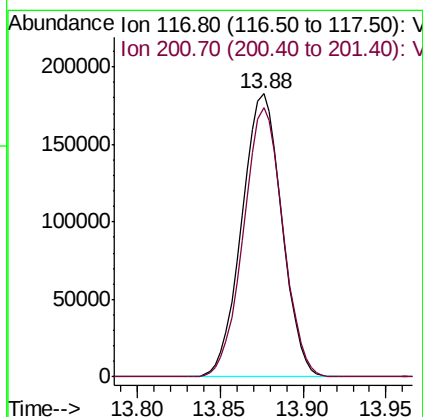
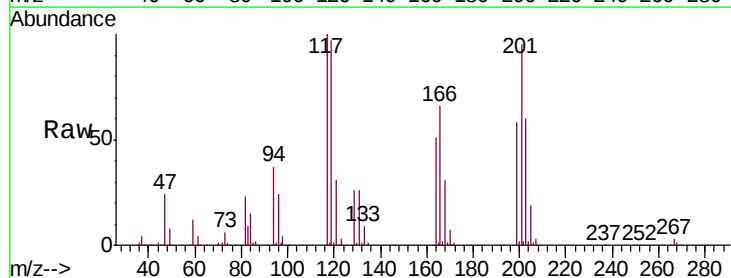
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1728225
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.8
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 54.864 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 117 Resp: 306809
Ion Ratio Lower Upper
117 100
201 93.7 46.1 138.3

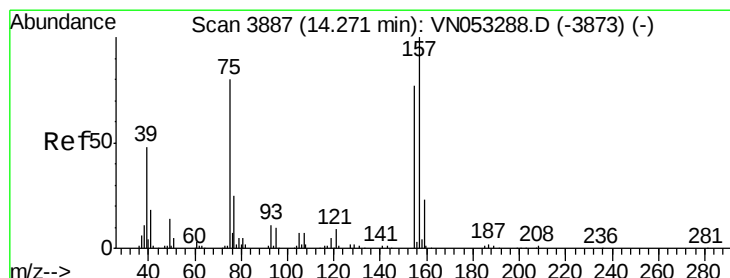
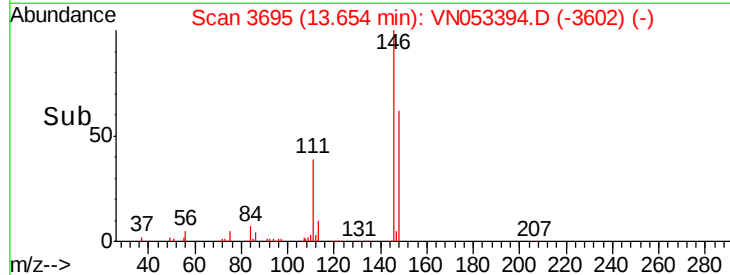
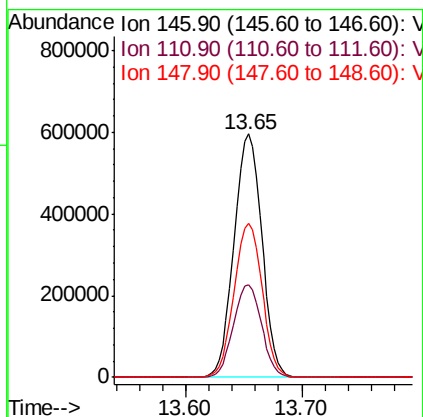
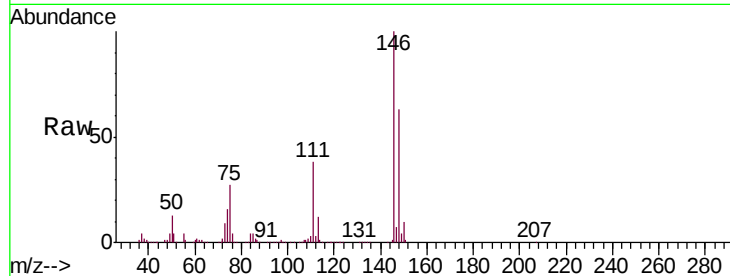




#91
 1,2-Dichlorobenzene
 Concen: 52.074 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

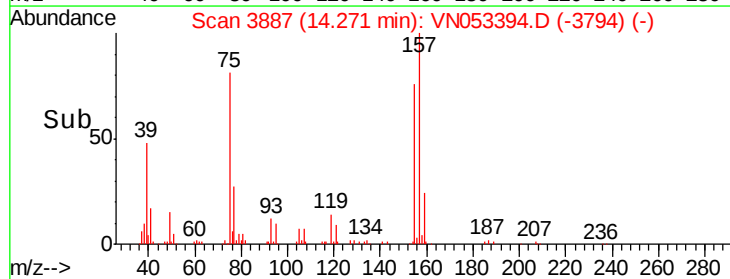
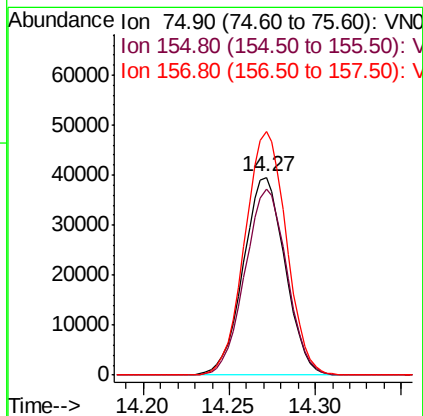
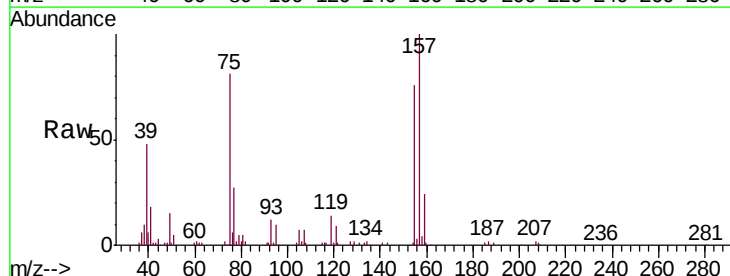
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

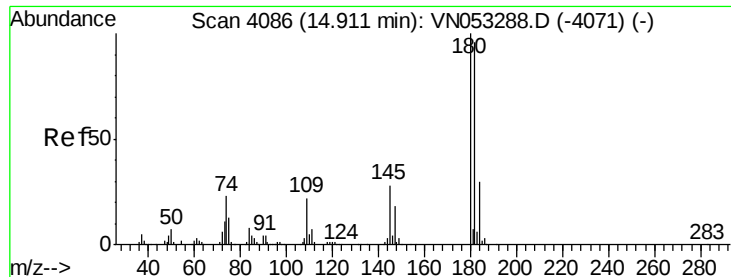
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	63.9	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.257 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	48.1	144.3
157	122.4	61.5	184.4

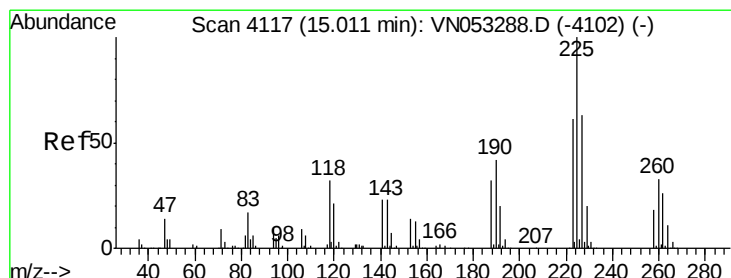
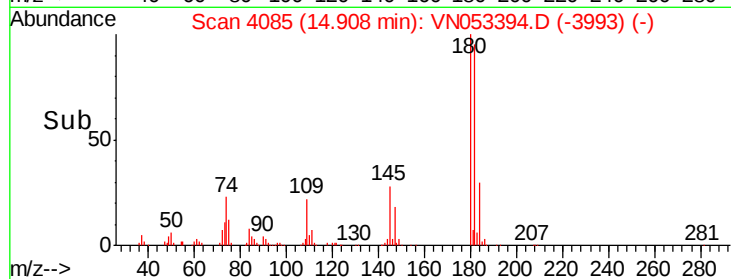
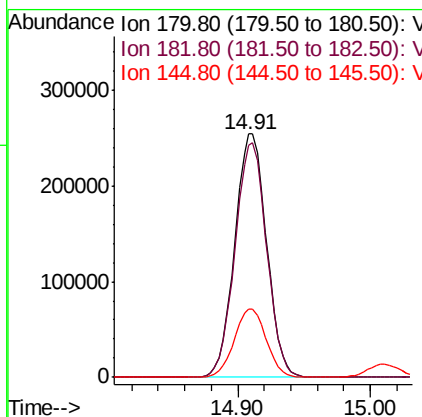
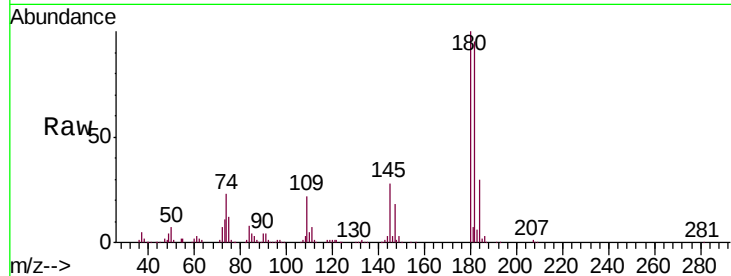




#93
 1,2,4-Trichlorobenzene
 Concen: 70.660 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

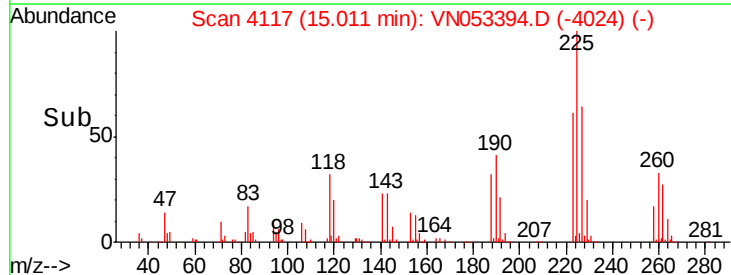
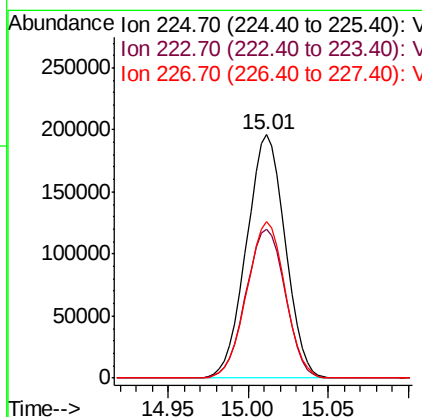
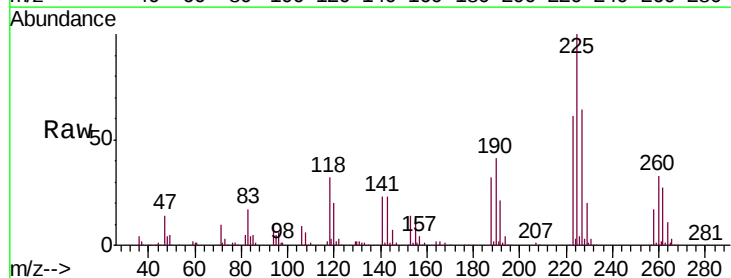
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

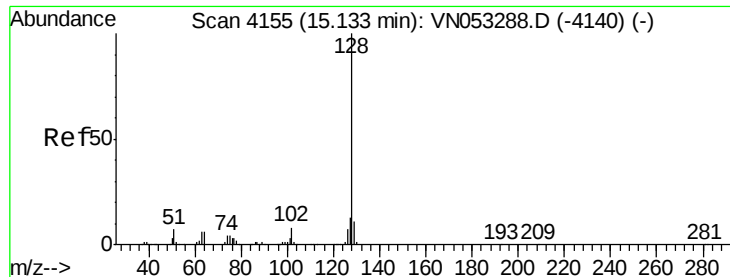
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.3	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 66.568 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.9	92.8
227	63.8	31.4	94.2

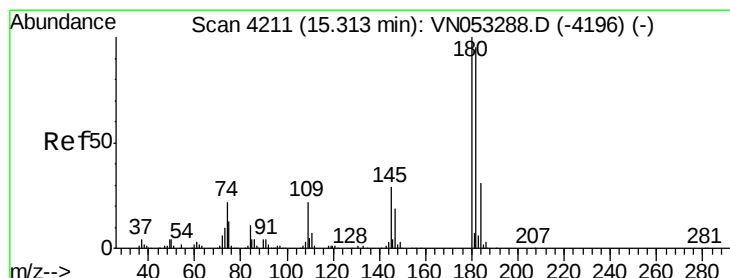
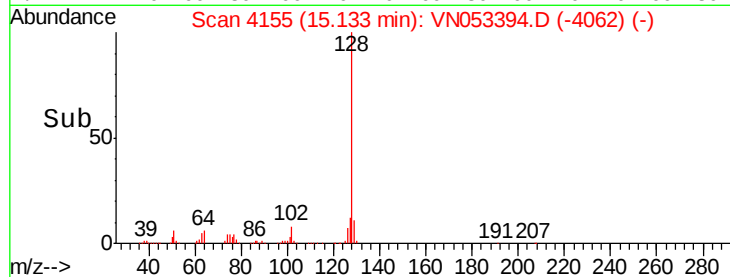
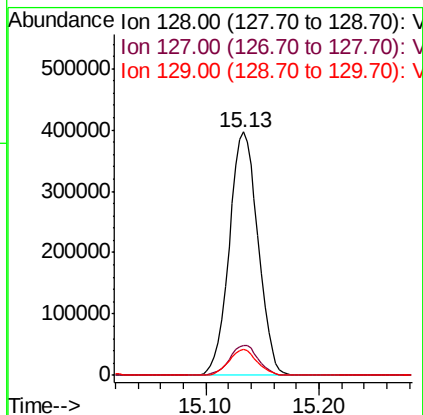
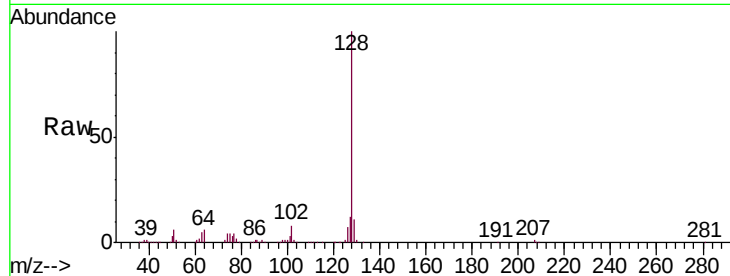




#95
Naphthalene
Concen: 68.497 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 699357
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 74.987 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion:180 Resp: 293834
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.0
145 30.7 14.9 44.5

