

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054428.D
 Acq On : 19 Mar 2019 7:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 19 08:13:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1279560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2018760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1755231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	886634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	667065	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.59	113	658575	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.09	98	2391227	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	831417	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	558386	46.045	ug/l	98
3) Chloromethane	2.06	50	553966	47.027	ug/l	100
4) Vinyl Chloride	2.19	62	584708	43.428	ug/l	100
5) Bromomethane	2.57	94	374333	40.143	ug/l	97
6) Chloroethane	2.71	64	345292	42.386	ug/l	98
7) Trichlorofluoromethane	3.02	101	735750	41.102	ug/l	99
8) Diethyl Ether	3.41	74	404266	49.558	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	594610	44.327	ug/l	99
10) Methyl Iodide	3.94	142	939832	49.355	ug/l	99
11) Tert butyl alcohol	4.82	59	232364	249.429	ug/l	98
12) 1,1-Dichloroethene	3.73	96	613924	46.183	ug/l	98
13) Acrolein	3.61	56	189040	214.148	ug/l	98
14) Allyl chloride	4.31	41	844419	49.510	ug/l	92
15) Acrylonitrile	4.99	53	1164608	304.340	ug/l	99
16) Acetone	3.82	43	688913	177.061	ug/l	96
17) Carbon Disulfide	4.04	76	1393089	41.804	ug/l	99
18) Methyl Acetate	4.33	43	531257	67.488	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1869075	56.725	ug/l	100
20) Methylene Chloride	4.54	84	706848	55.327	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	662049	51.980	ug/l	99
22) Diisopropyl ether	5.96	45	1889253	55.501	ug/l	94
23) Vinyl Acetate	5.90	43	6547263	260.868	ug/l	97
24) 1,1-Dichloroethane	5.84	63	1200029	54.905	ug/l	98
25) 2-Butanone	6.84	43	1270319	278.173	ug/l	98
26) 2,2-Dichloropropane	6.82	77	556020	28.928	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	784661	55.222	ug/l	93
28) Bromochloromethane	7.19	49	482720	54.025	ug/l	97
29) Tetrahydrofuran	7.22	42	840187	286.149	ug/l	96
30) Chloroform	7.37	83	1228825	53.879	ug/l	100
31) Cyclohexane	7.65	56	1020035	49.916	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1028424	49.929	ug/l	98
36) 1,1-Dichloropropene	7.79	75	908681	48.877	ug/l	100
37) Ethyl Acetate	6.94	43	563489	52.750	ug/l	97
38) Carbon Tetrachloride	7.77	117	899964	46.161	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1018124	44.510	ug/l	98
40) Benzene	8.04	78	2812685	52.870	ug/l	99
41) Methacrylonitrile	7.17	41	315358	51.705	ug/l	96
42) 1,2-Dichloroethane	8.12	62	853434	47.515	ug/l	97
43) Isopropyl Acetate	8.17	43	958259	51.107	ug/l	95
44) Trichloroethene	8.83	130	826057	49.984	ug/l	97
45) 1,2-Dichloropropane	9.12	63	712630	53.946	ug/l	100
46) Dibromomethane	9.21	93	453385	50.796	ug/l	99
47) Bromodichloromethane	9.40	83	901351	50.374	ug/l	99
48) Methyl methacrylate	9.20	41	498604	52.400	ug/l	90
49) 1,4-Dioxane	9.20	88	155135	1152.611	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2759842	278.134	ug/l	94
52) Toluene	10.16	92	1758407	52.128	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	825731	40.731	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1004146	48.157	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	663781	53.892	ug/l	99
56) Ethyl methacrylate	10.43	69	840675	57.241	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	1084227	53.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1686097	263.642	ug/l	99
59) 2-Hexanone	10.75	43	1753071	265.514	ug/l	93
60) Dibromochloromethane	10.90	129	718777	51.847	ug/l	99
61) 1,2-Dibromoethane	11.01	107	677577	54.133	ug/l	99
64) Tetrachloroethene	10.63	164	830259	48.924	ug/l	98
65) Chlorobenzene	11.43	112	2025342	52.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	737997	52.712	ug/l	99
67) Ethyl Benzene	11.51	91	3271558	51.209	ug/l	98
68) m/p-Xylenes	11.62	106	2596705	103.993	ug/l	98
69) o-Xylene	11.95	106	1304159	53.578	ug/l	97
70) Styrene	11.96	104	2064645	54.083	ug/l	100
71) Bromoform	12.13	173	480575	45.263	ug/l	98
73) Isopropylbenzene	12.25	105	3343367	47.132	ug/l	100
74) N-amyl acetate	12.07	43	801465	50.901	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	779173	51.555	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	935633	71.760	ug/l #	100
77) Bromobenzene	12.53	156	2398433	127.774	ug/l #	31
78) n-propylbenzene	12.59	91	3570131	46.383	ug/l	99
79) 2-Chlorotoluene	12.67	91	2155637	46.578	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	2829545	47.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	139557	36.590	ug/l	96
82) 4-Chlorotoluene	12.77	91	2194723	47.492	ug/l	98
83) tert-Butylbenzene	12.99	119	2497100	45.979	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2809540	48.536	ug/l	100
85) sec-Butylbenzene	13.17	105	3156741	44.820	ug/l	100
86) p-Isopropyltoluene	13.29	119	2811737	45.504	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1523297	48.161	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1497628	48.199	ug/l	99
89) n-Butylbenzene	13.62	91	2130078	45.370	ug/l	100
90) Hexachloroethane	13.88	117	414906	40.552	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1543346	49.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	118827	50.809	ug/l	92

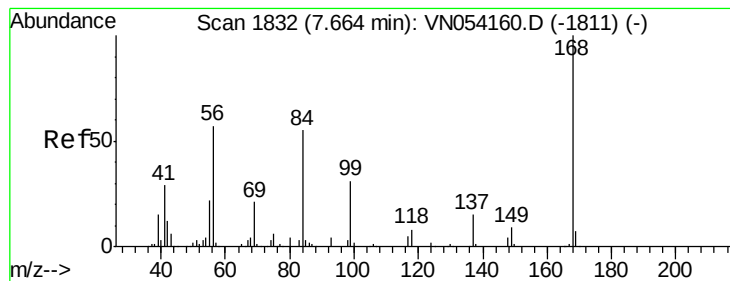
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	891561	47.872	ug/l	99
94) Hexachlorobutadiene	15.01	225	453942	38.543	ug/l	99
95) Naphthalene	15.13	128	2134288	54.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	881573	53.660	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

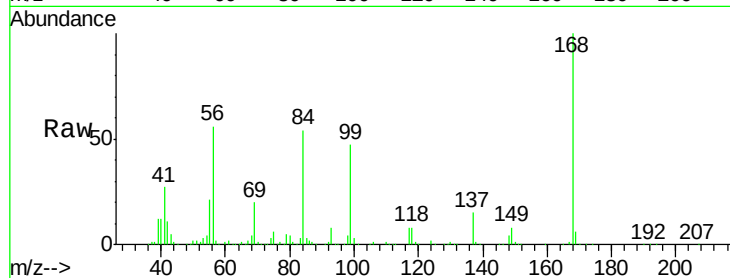
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1279560

Ion Ratio Lower Upper

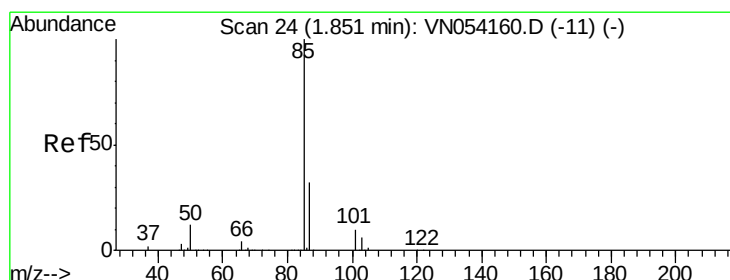
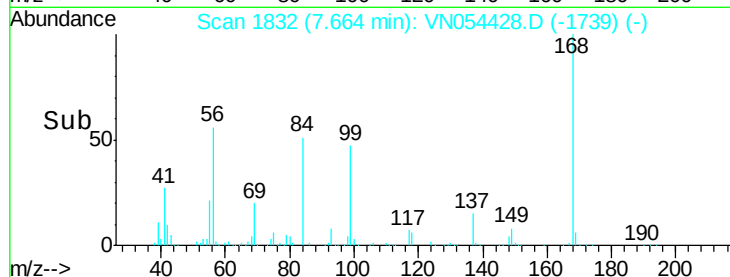
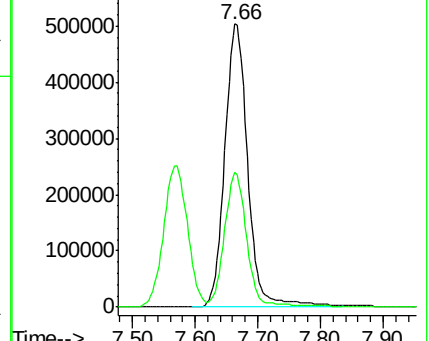
168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.045 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054428.D

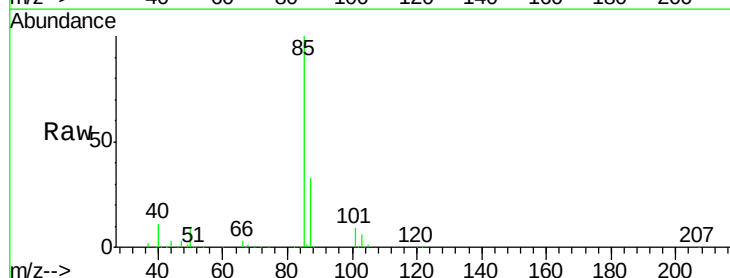
Acq: 19 Mar 2019 7:46

Tgt Ion: 85 Resp: 558386

Ion Ratio Lower Upper

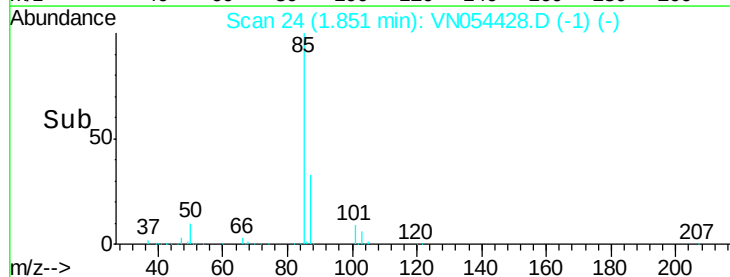
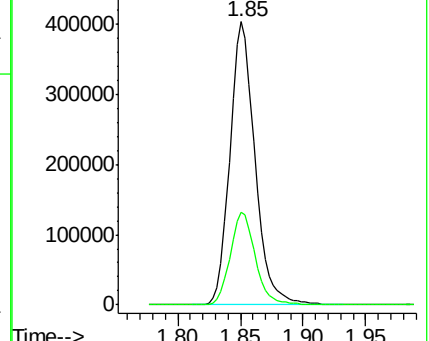
85 100

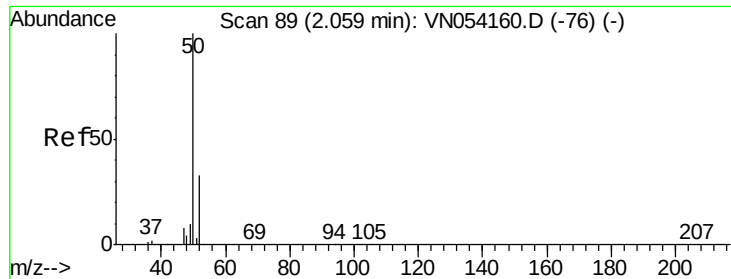
87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.027 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

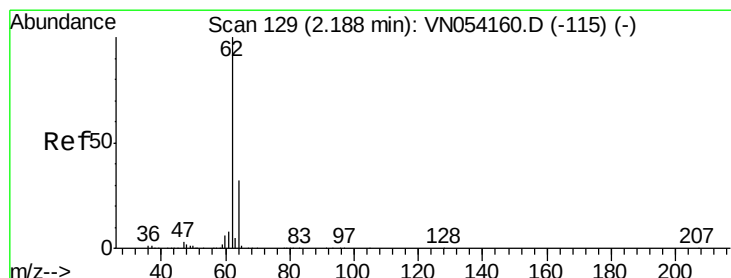
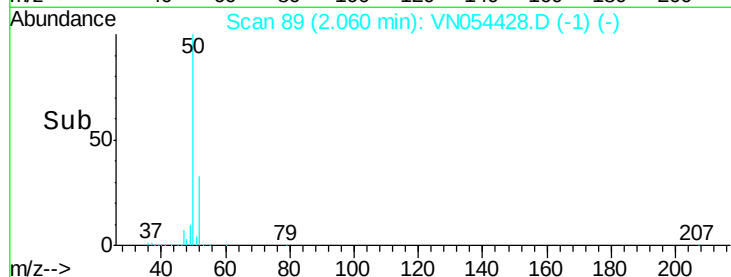
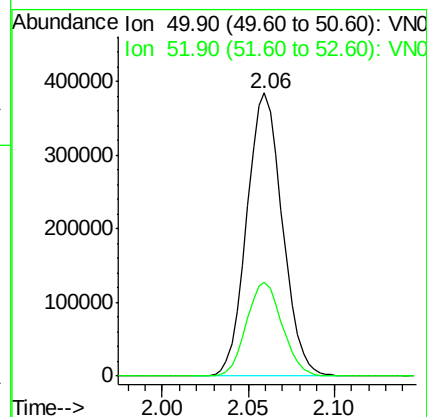
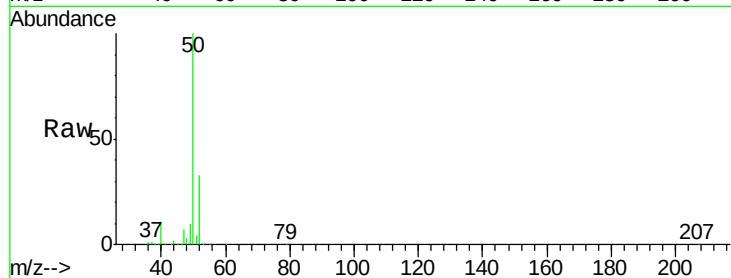
ClientSampleId :

Tot Ion: 50 Resp: 553966

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 43.428 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054428.D

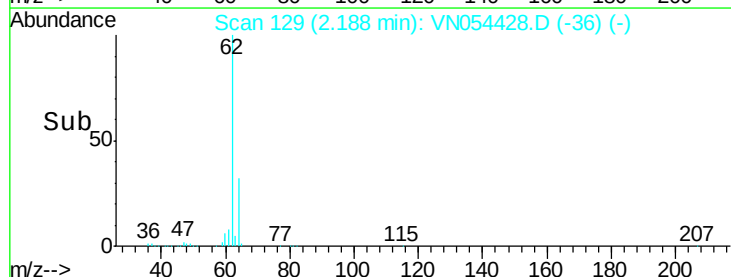
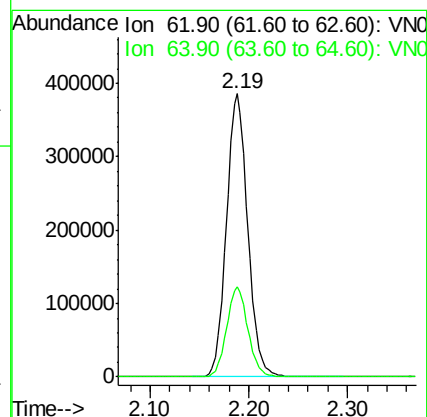
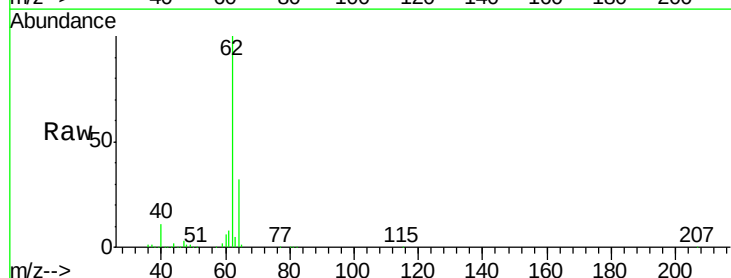
Acq: 19 Mar 2019 7:46

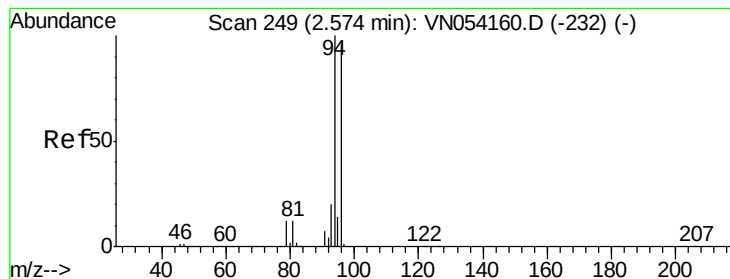
Tgt Ion: 62 Resp: 584708

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 40.143 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.01 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

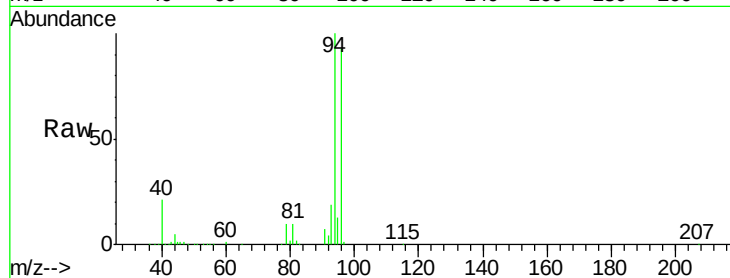
ClientSampled :

Tot Ion: 94 Resp: 374333

Ion Ratio Lower Upper

94 100

96 93.4 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN054428.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054428.D (-156) (-)

2.57

200000

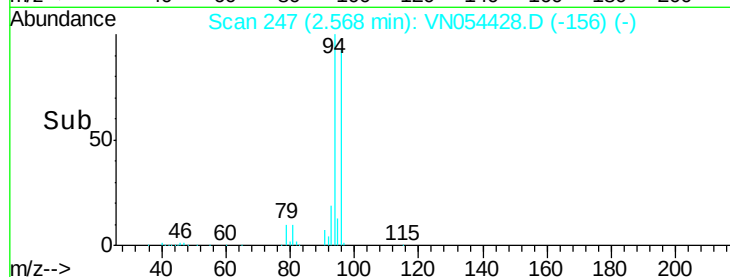
150000

100000

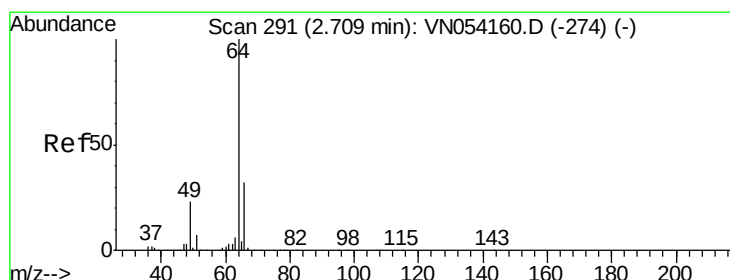
50000

0

Time-->



Time-->



#6

Chloroethane

Concen: 42.386 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN054428.D

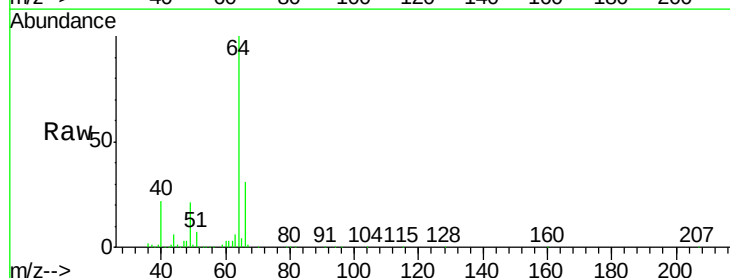
Acq: 19 Mar 2019 7:46

Tgt Ion: 64 Resp: 345292

Ion Ratio Lower Upper

64 100

66 31.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN054428.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN054428.D (-198) (-)

2.71

200000

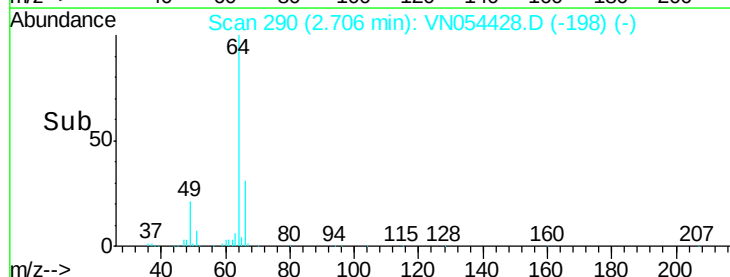
150000

100000

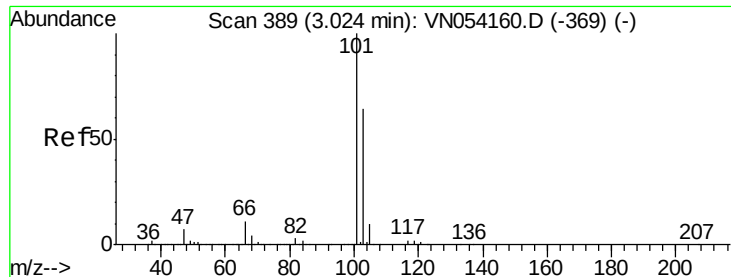
50000

0

Time-->



Time-->

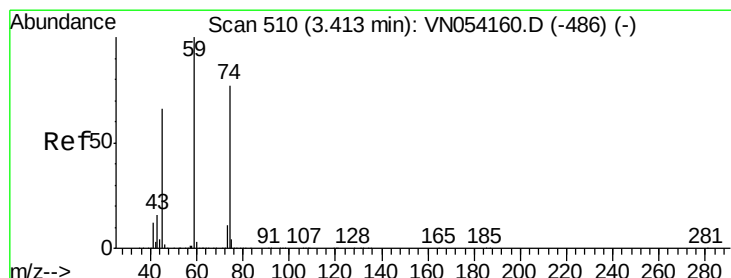
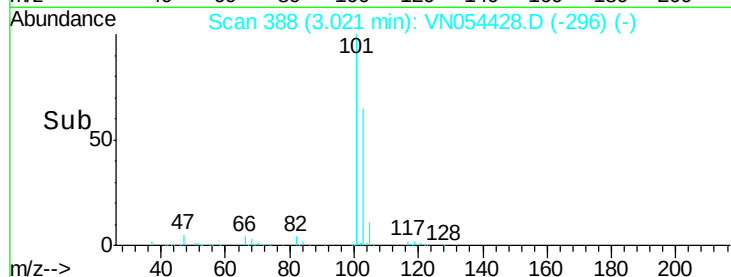
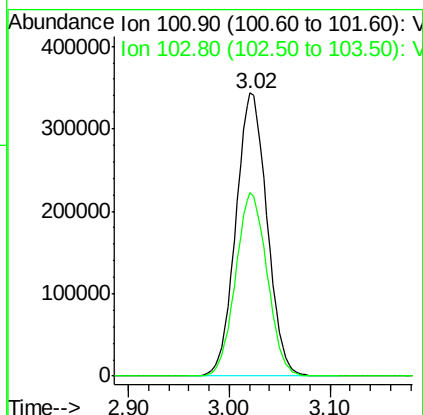
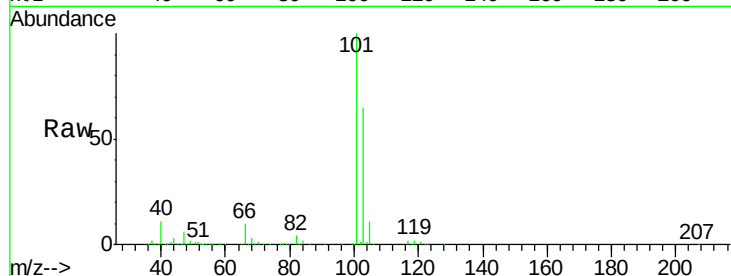


#7

Trichlorofluoromethane
Concen: 41.102 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampleId :

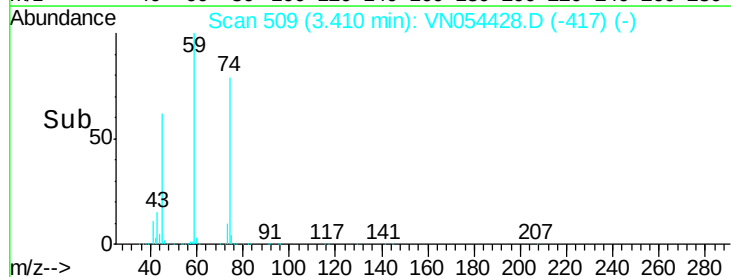
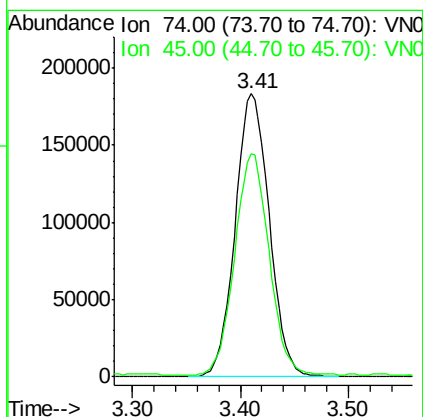
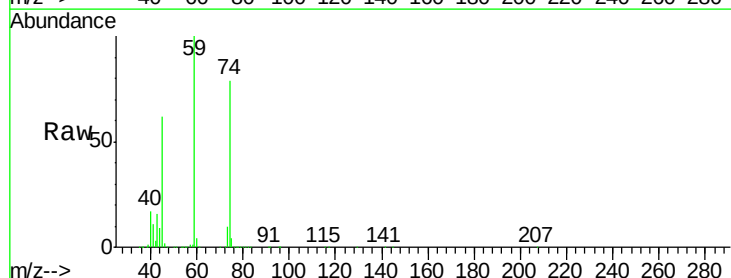
Tot Ion:101 Resp: 735750
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

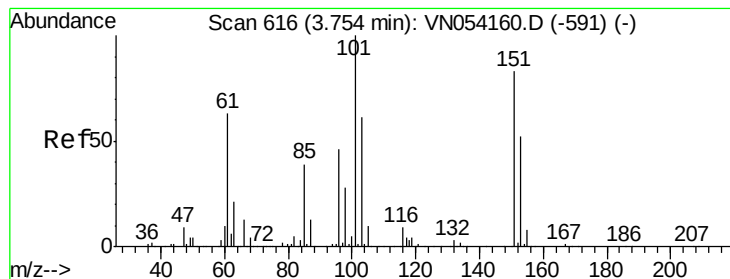


#8

Diethyl Ether
Concen: 49.558 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 74 Resp: 404266
Ion Ratio Lower Upper
74 100
45 78.9 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.327 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampleId :

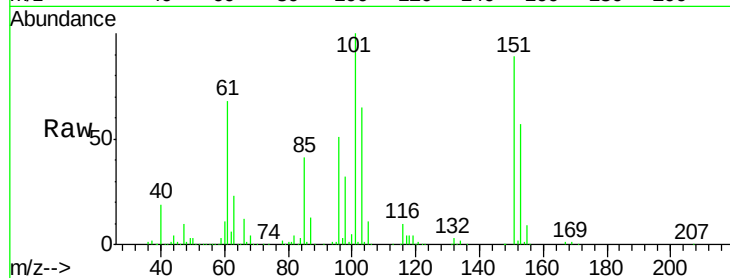
Tot Ion:101 Resp: 594610

Ion Ratio Lower Upper

101 100

85 39.9 32.4 48.6

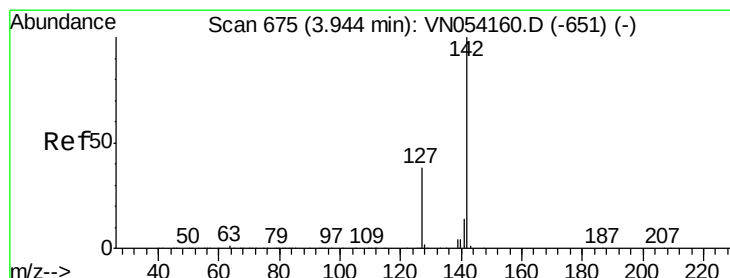
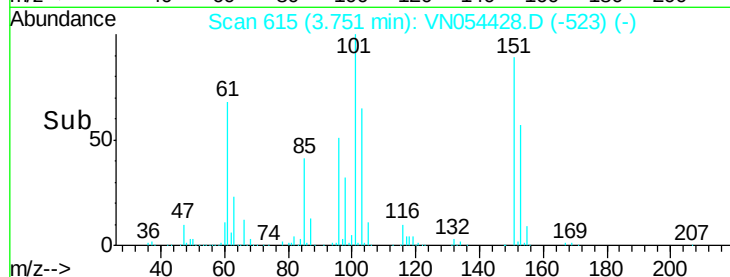
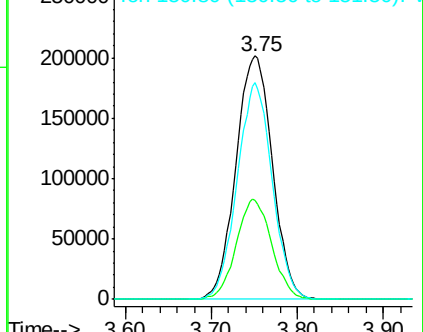
151 85.5 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.355 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

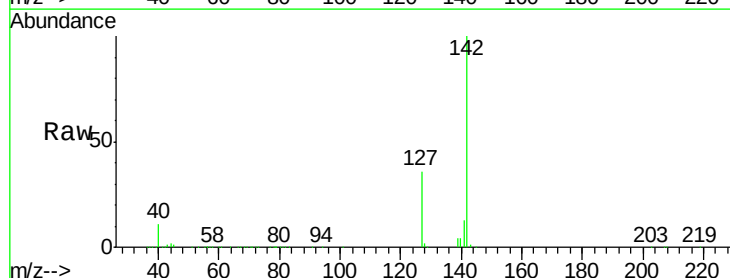
Tgt Ion:142 Resp: 939832

Ion Ratio Lower Upper

142 100

127 37.0 30.3 45.5

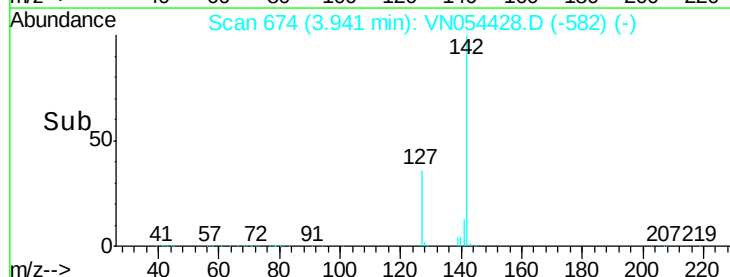
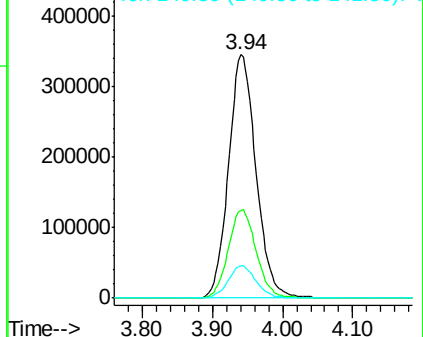
141 13.6 11.2 16.8

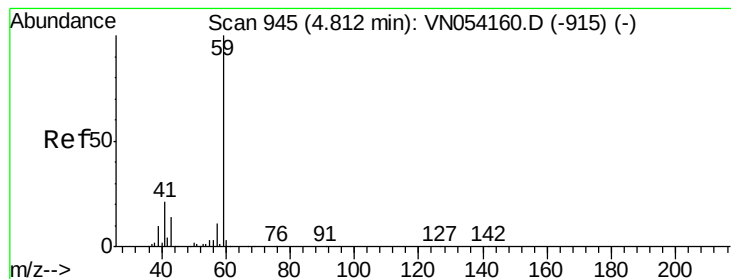


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



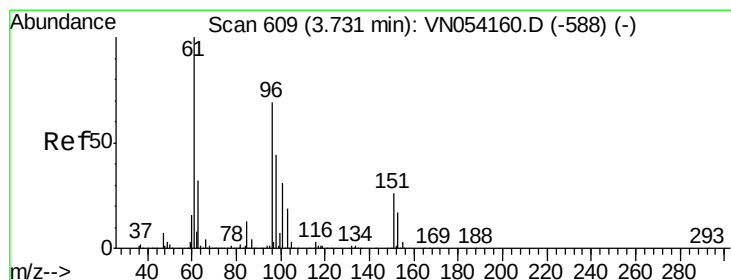
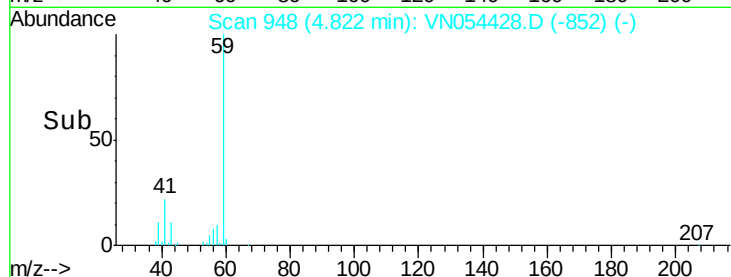
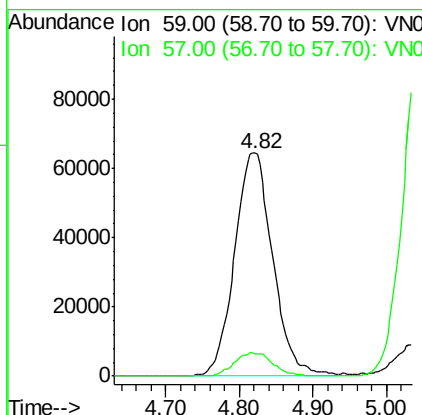
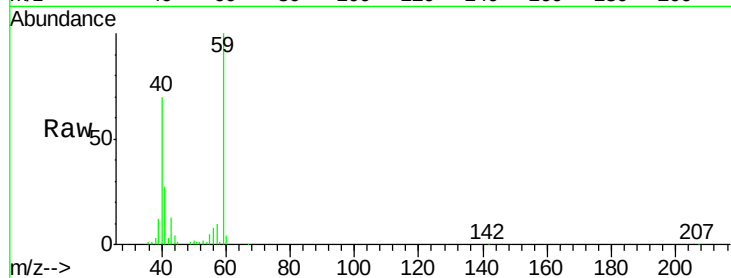


#11

Tert butyl alcohol
 Concen: 249.429 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Instrument :
 MSVOA_N
 ClientSampleId :

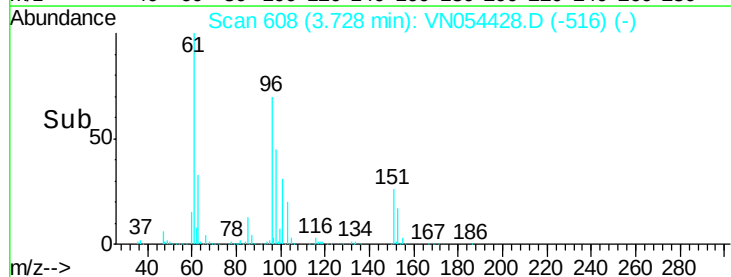
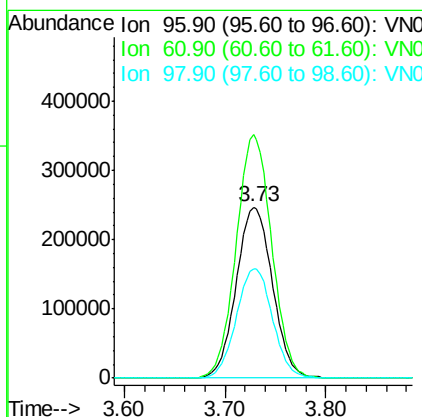
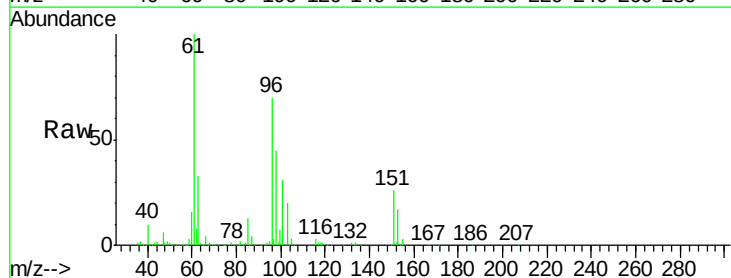
Tot Ion: 59 Resp: 232364
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.6

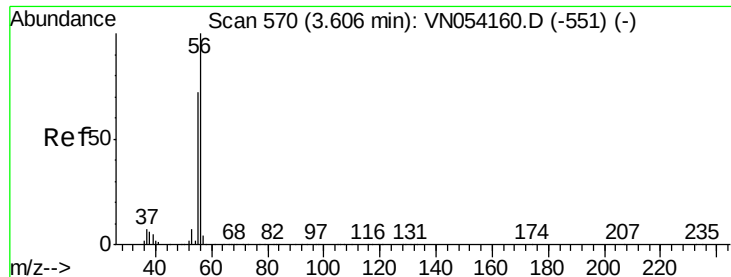


#12

1,1-Dichloroethene
 Concen: 46.183 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion: 96 Resp: 613924
 Ion Ratio Lower Upper
 96 100
 61 142.2 116.5 174.7
 98 64.0 51.0 76.4





#13

Acrolein

Concen: 214.148 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

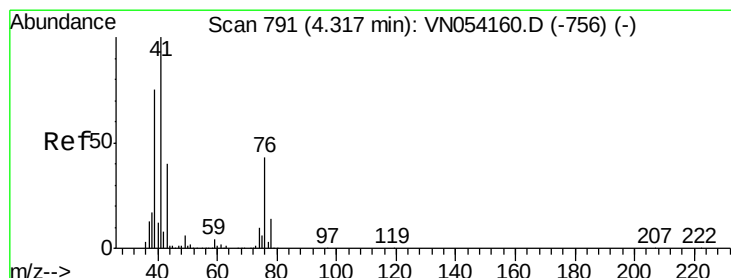
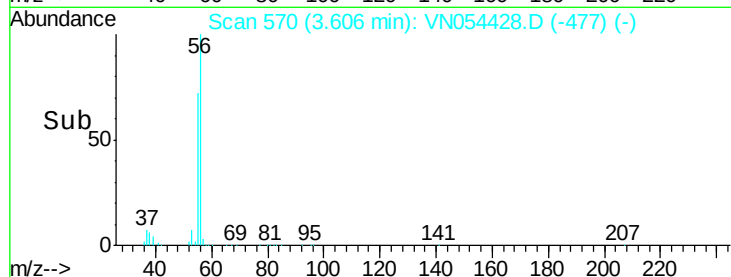
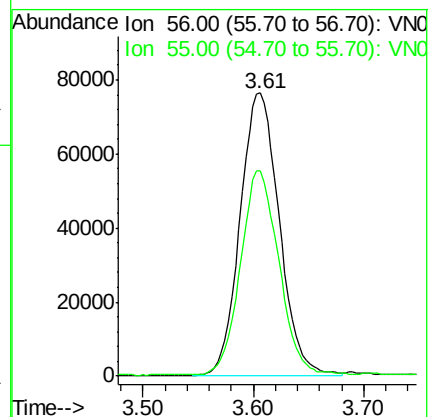
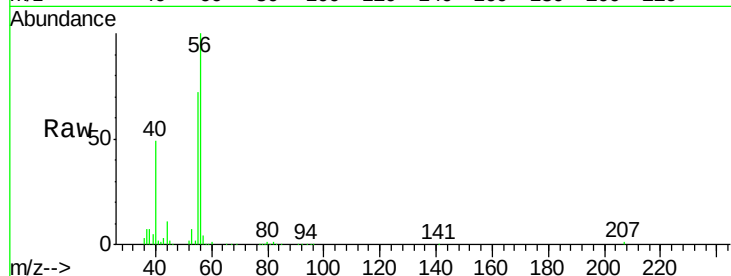
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 189040

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 49.510 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

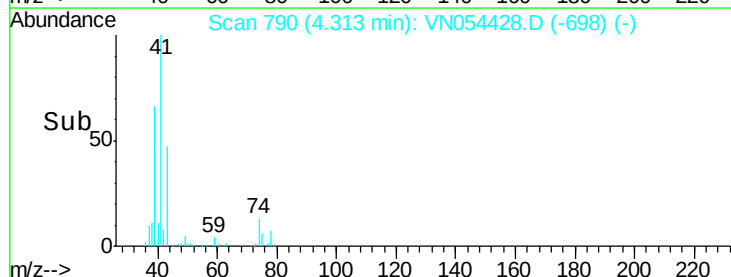
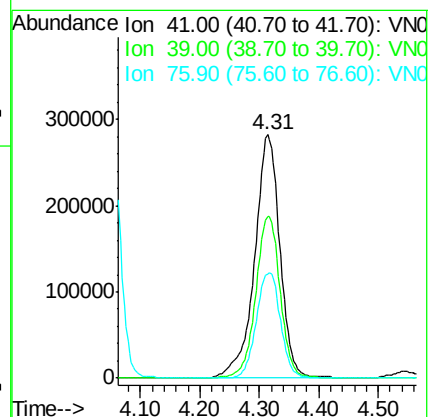
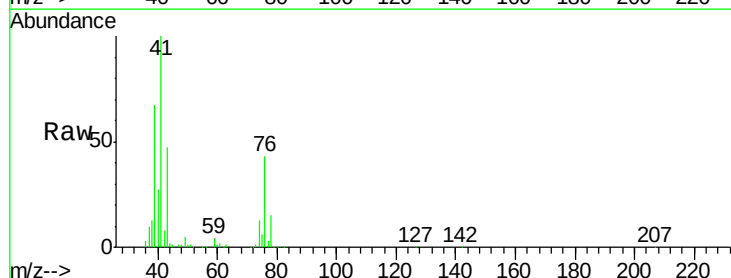
Tgt Ion: 41 Resp: 844419

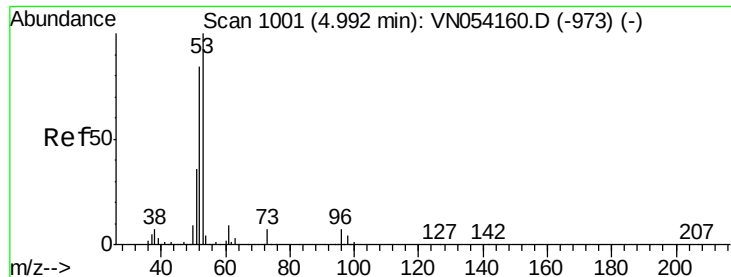
Ion Ratio Lower Upper

41 100

39 64.2 58.2 87.4

76 41.2 31.7 47.5





#15

Acrylonitrile

Concen: 304.340 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampleId :

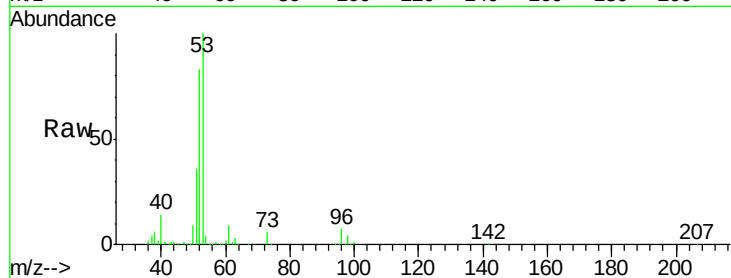
Tot Ion: 53 Resp: 1164608

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

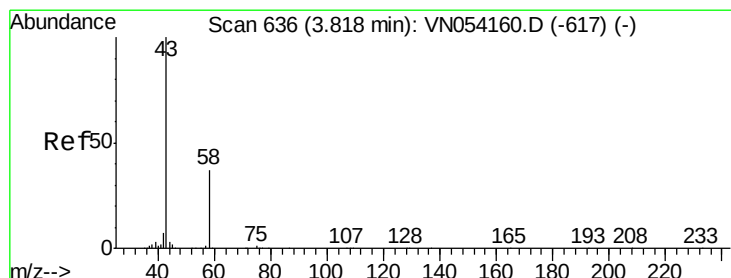
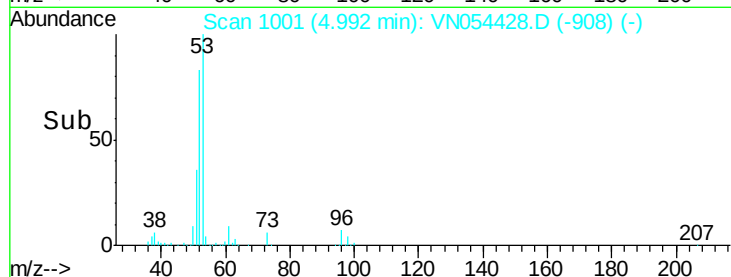
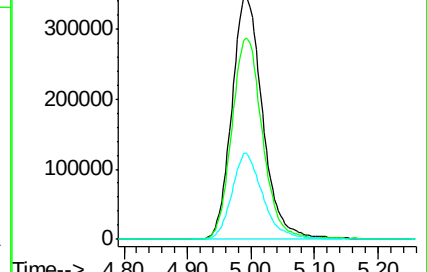
51 35.6 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN054160.D (-973) (-)

Ion 52.00 (51.70 to 52.70): VN054160.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VN054160.D (-973) (-)



#16

Acetone

Concen: 177.061 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054428.D

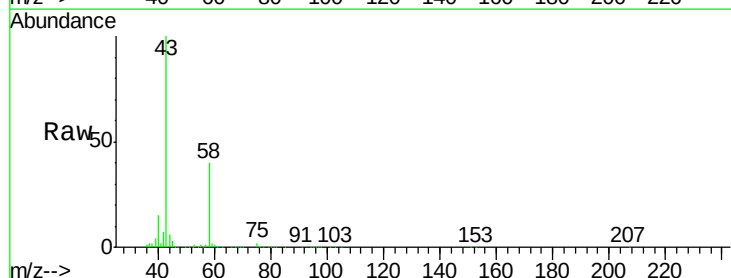
Acq: 19 Mar 2019 7:46

Tgt Ion: 43 Resp: 688913

Ion Ratio Lower Upper

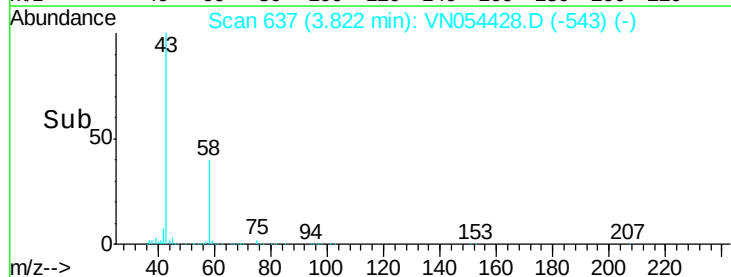
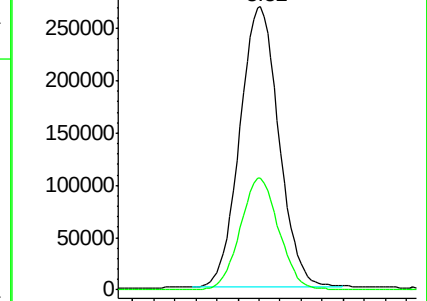
43 100

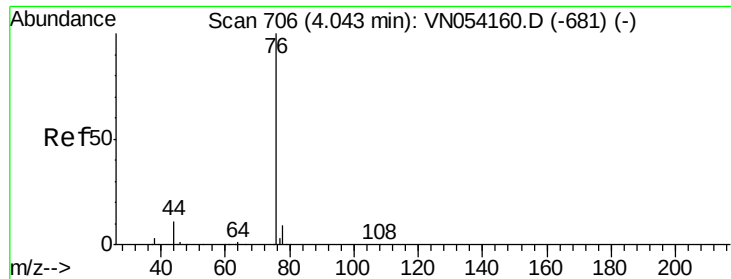
58 39.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-617) (-)

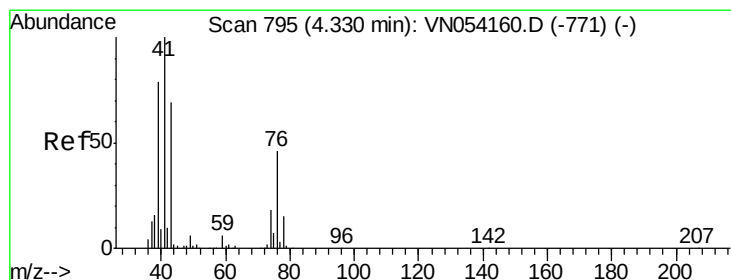
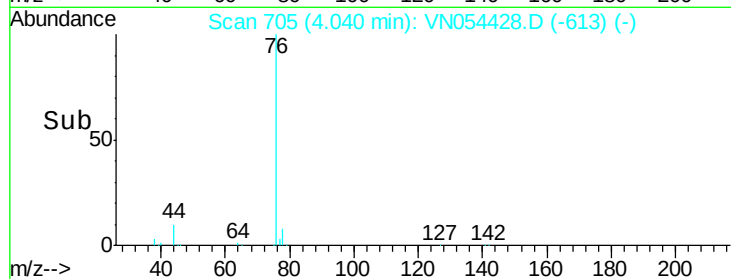
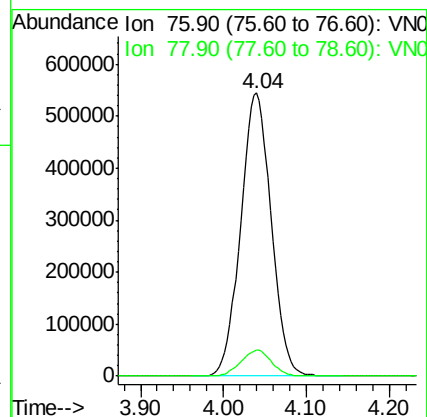
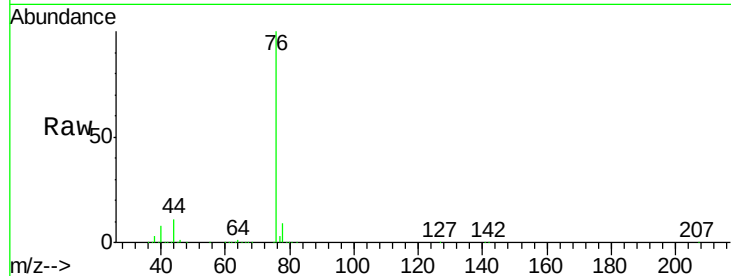




#17
Carbon Disulfide
Concen: 41.804 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

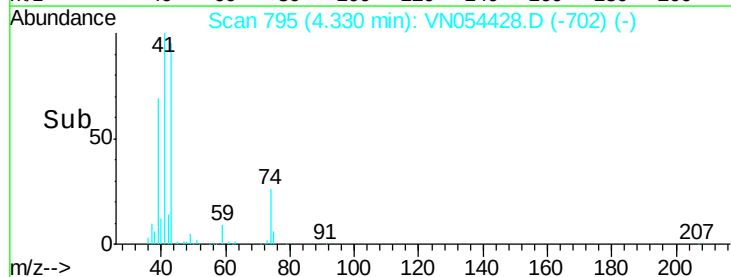
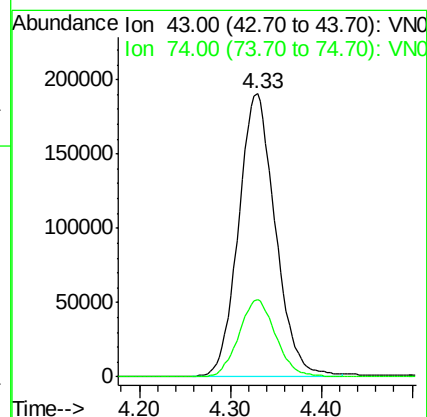
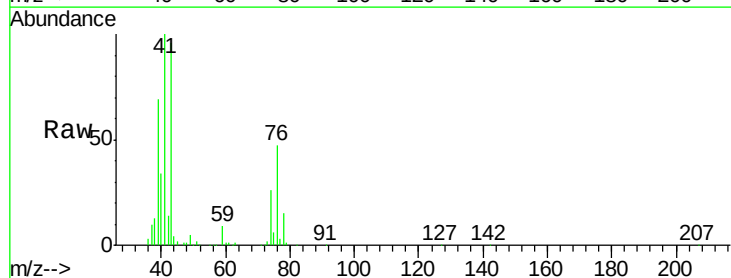
Instrument :
MSVOA_N
ClientSampled :

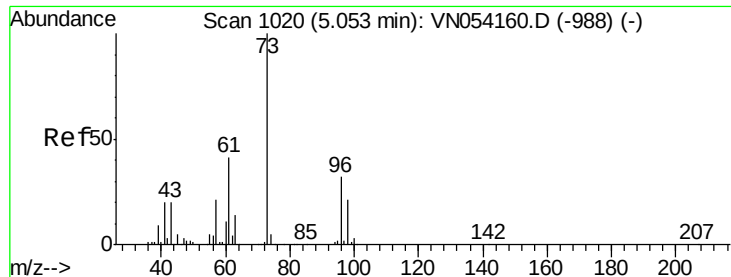
Tot Ion: 76 Resp: 1393089
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 67.488 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 43 Resp: 531257
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2



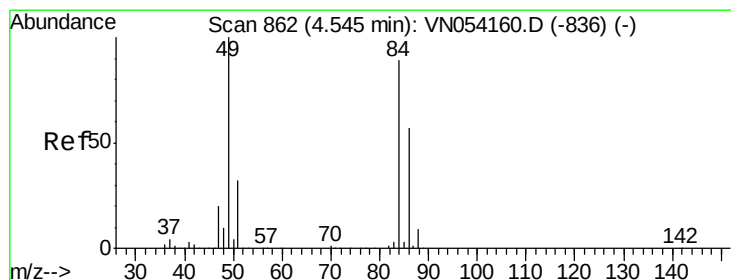
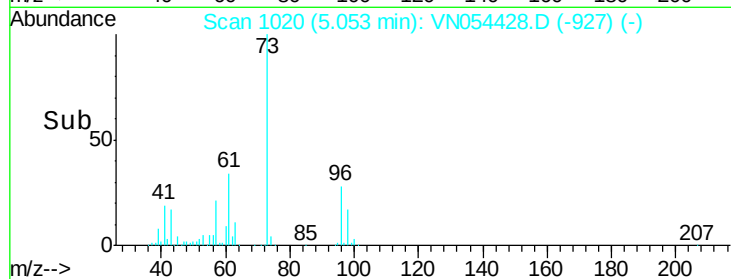
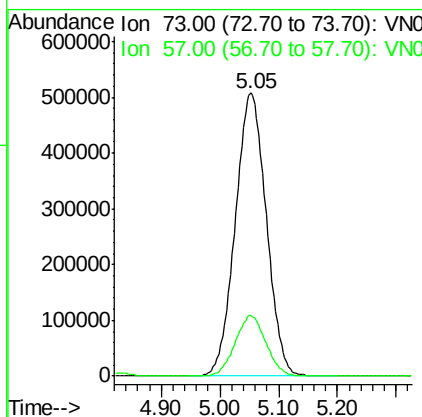
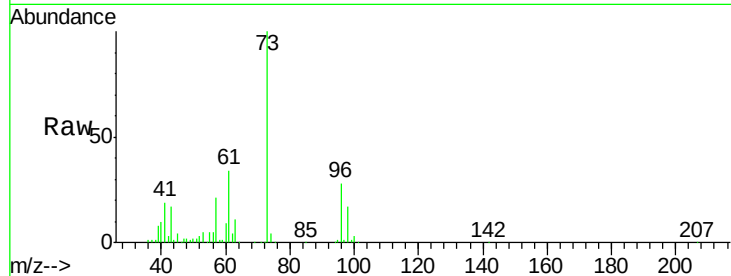


#19

Methvl tert-butvl Ether
 Concen: 56.725 ug/l
 RT: 5.05 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Instrument :
 MSVOA_N
 ClientSampleId :

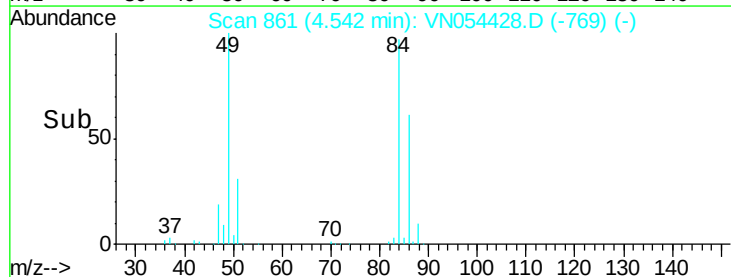
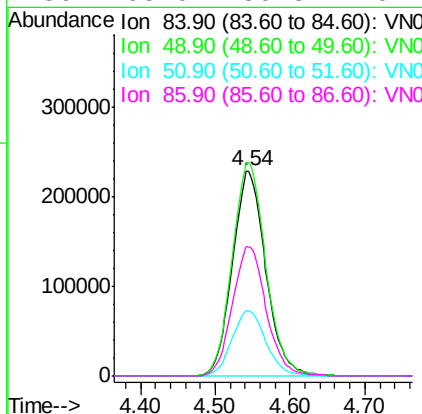
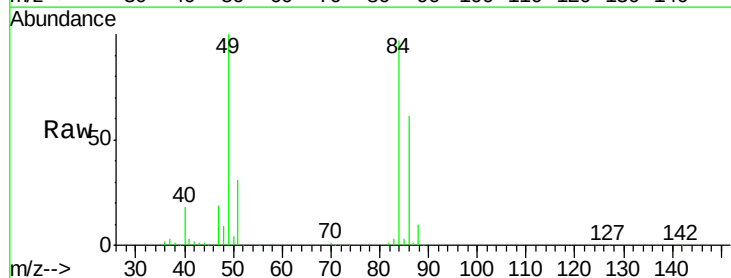
Tot Ion: 73 Resp: 1869075
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.8 25.2

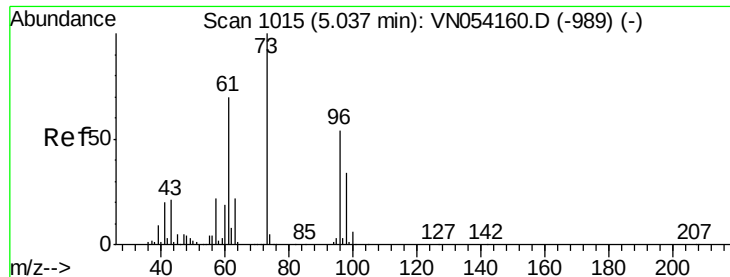


#20

Methylene Chloride
 Concen: 55.327 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion: 84 Resp: 706848
 Ion Ratio Lower Upper
 84 100
 49 103.4 89.7 134.5
 51 31.6 28.2 42.4
 86 63.0 50.8 76.2

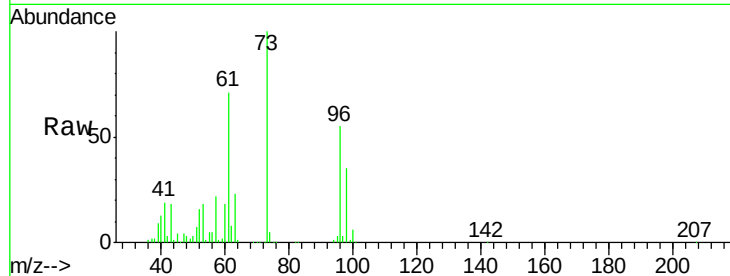




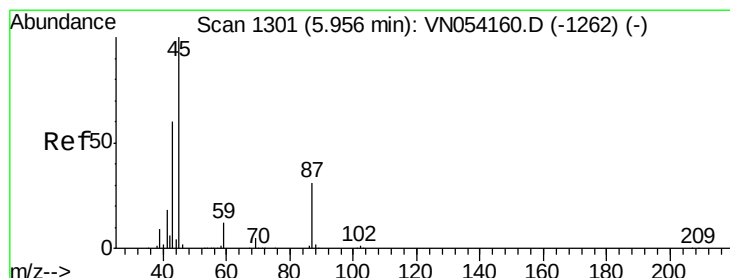
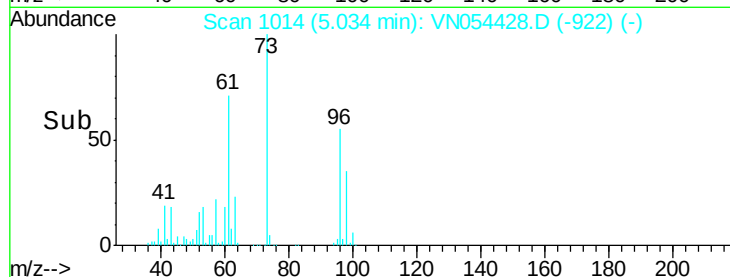
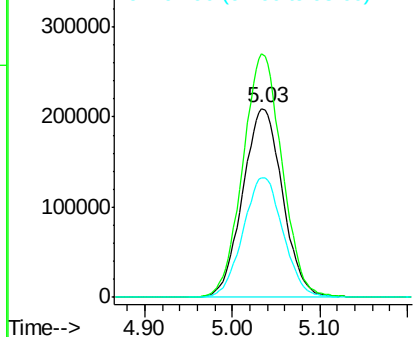
#21
trans-1,2-Dichloroethene
Concen: 51.980 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 662049
Ion Ratio Lower Upper
96 100
61 129.1 102.8 154.2
98 63.3 50.0 75.0

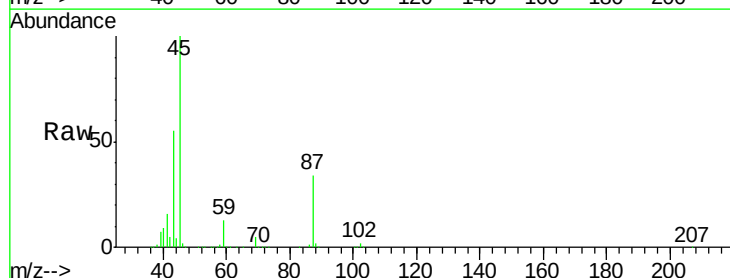


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

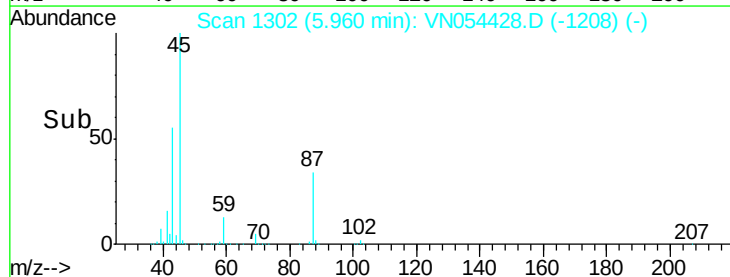
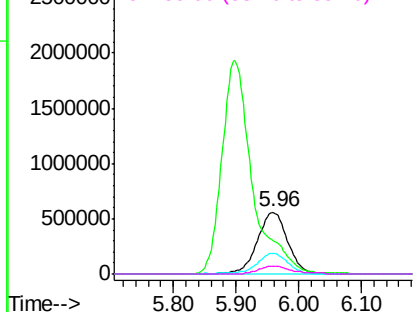


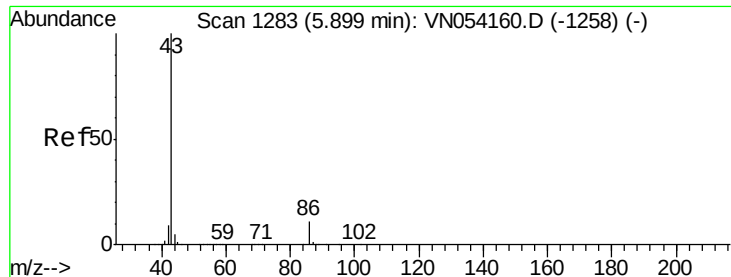
#22
Diisopropyl ether
Concen: 55.501 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 45 Resp: 1889253
Ion Ratio Lower Upper
45 100
43 55.0 48.2 72.2
87 33.9 24.9 37.3
59 12.9 9.5 14.3



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: 260.868 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

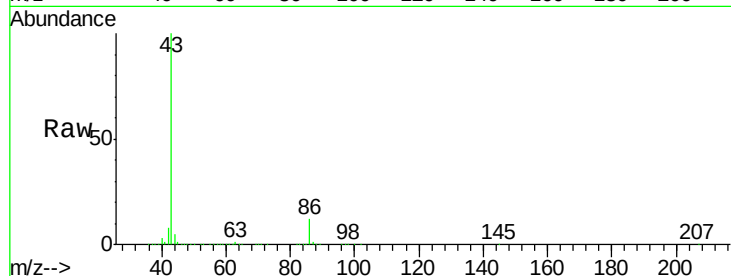
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 6547263

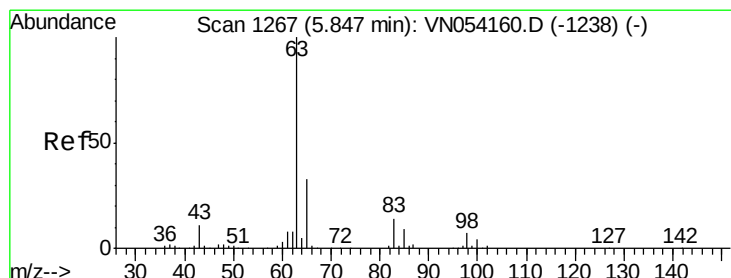
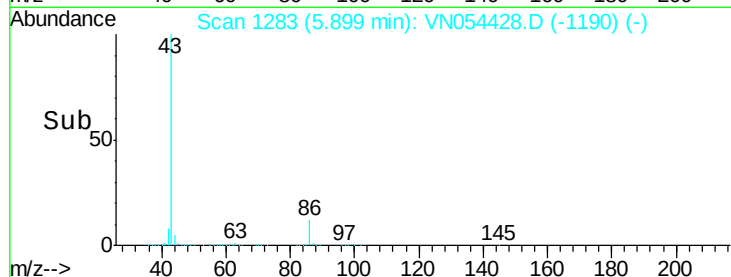
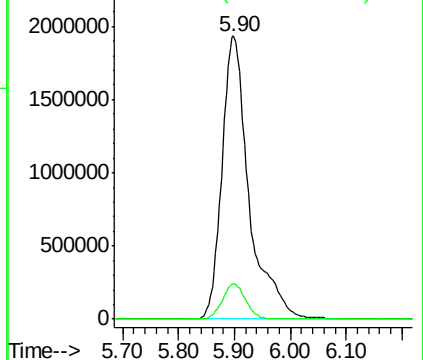
Ion Ratio Lower Upper

43 100

86 12.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 54.905 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

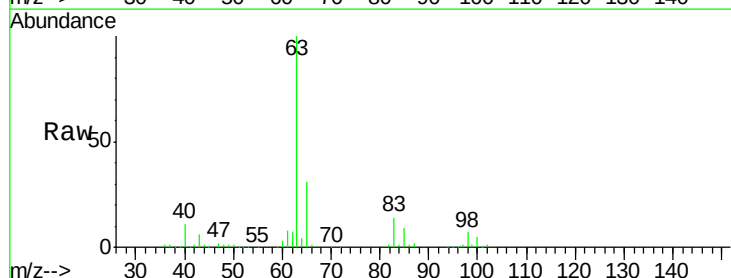
Tgt Ion: 63 Resp: 1200029

Ion Ratio Lower Upper

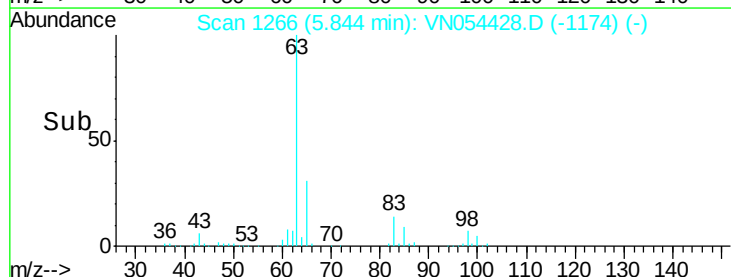
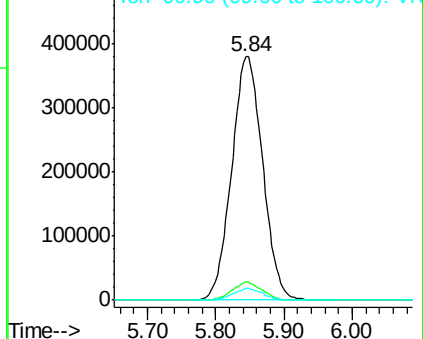
63 100

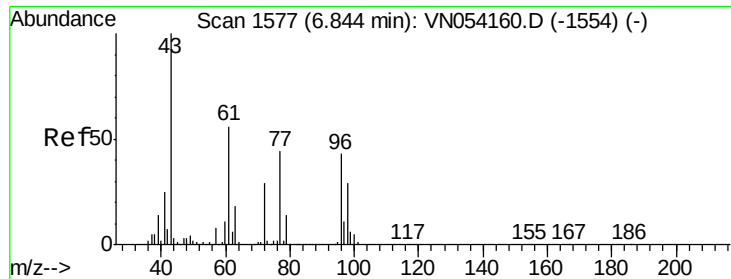
98 7.4 3.5 10.5

100 4.7 2.0 6.0



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

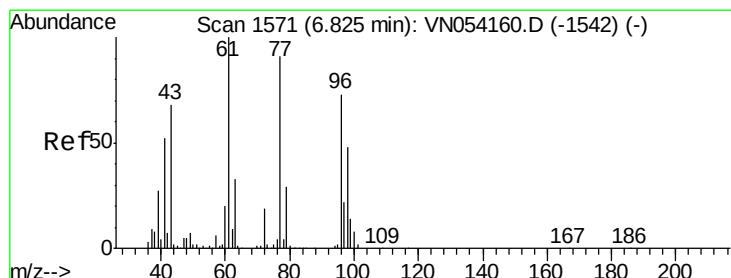
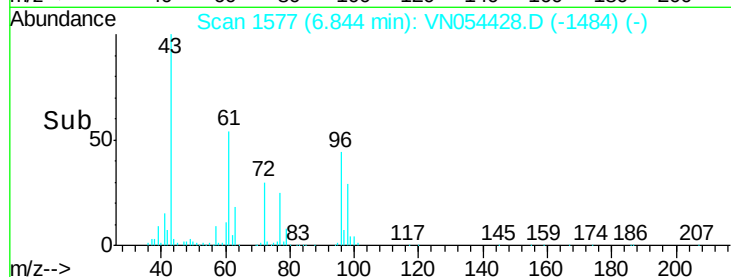
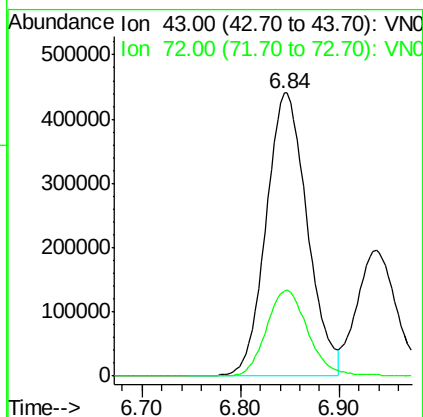
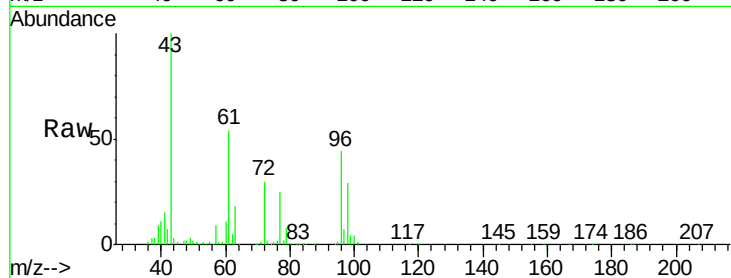




#25
2-Butanone
Concen: 278.173 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

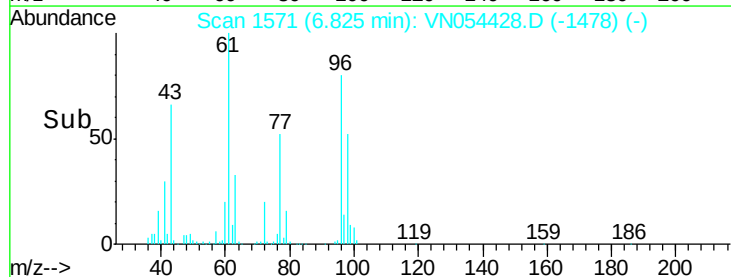
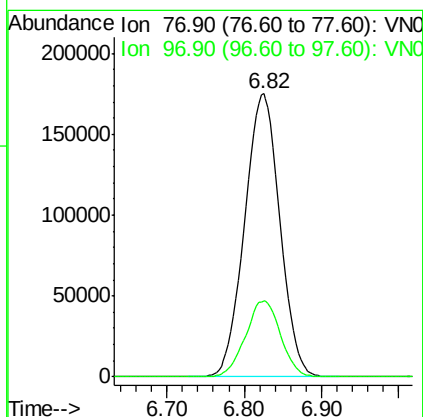
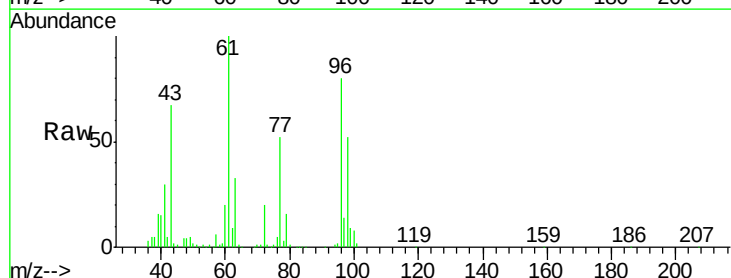
Instrument :
MSVOA_N
ClientSampled :

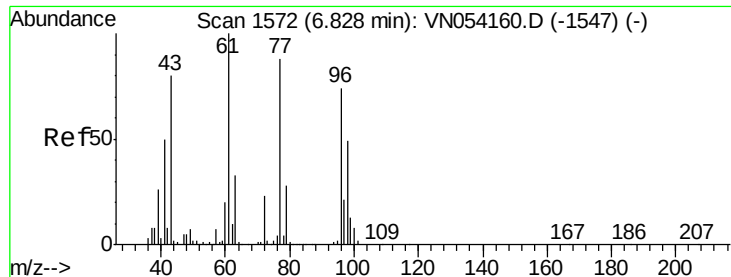
Tot Ion: 43 Resp: 1270319
Ion Ratio Lower Upper
43 100
72 30.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 28.928 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 77 Resp: 556020
Ion Ratio Lower Upper
77 100
97 26.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 55.222 ug/l

RT: 6.83 min Scan# 1572

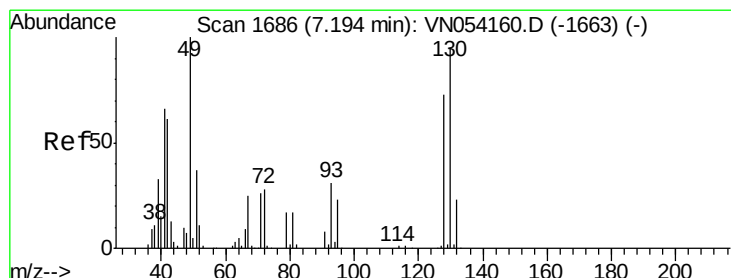
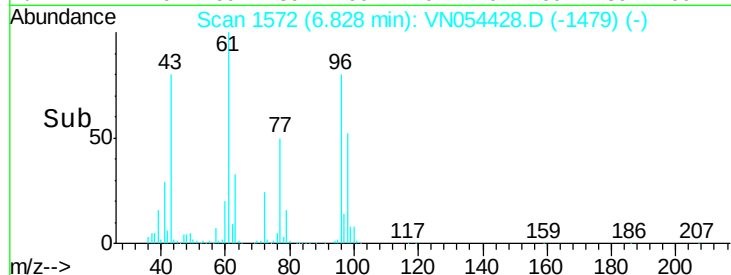
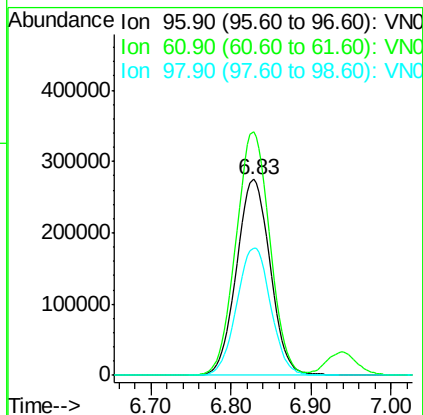
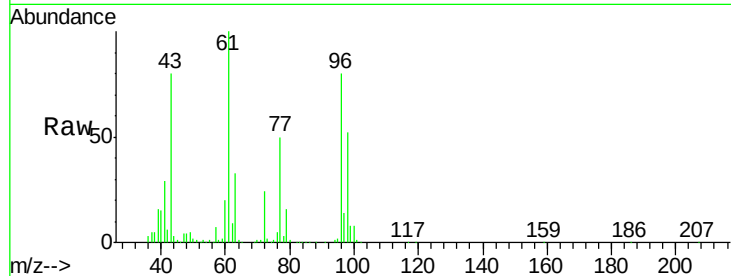
Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	96	Resp:	784661
Ion	Ratio	Lower	Upper
96	100		
61	125.0	0.0	273.0
98	65.4	0.0	130.6



#28

Bromochloromethane

Concen: 54.025 ug/l

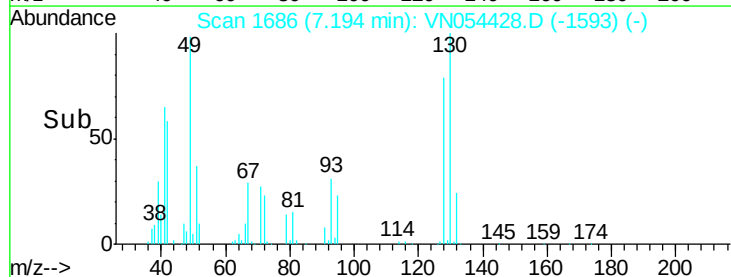
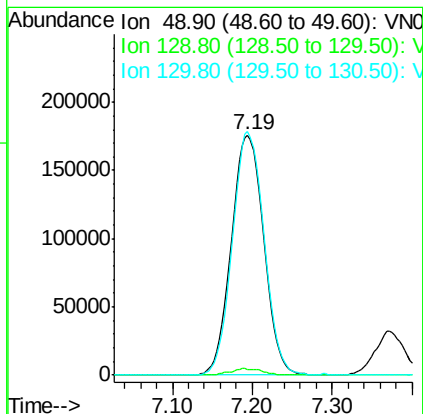
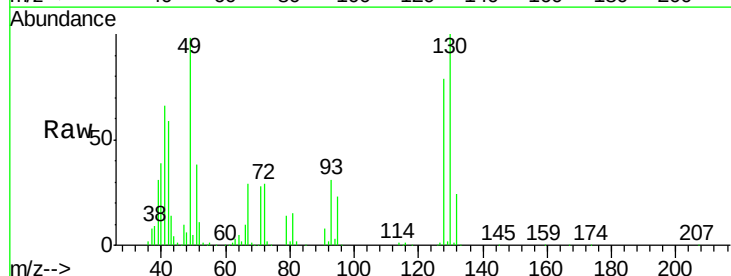
RT: 7.19 min Scan# 1686

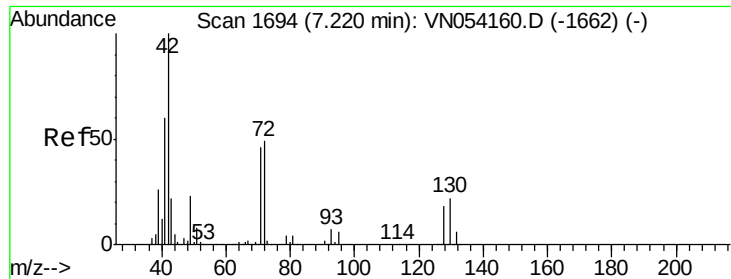
Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Tgt Ion:	49	Resp:	482720
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	99.0	76.7	115.1

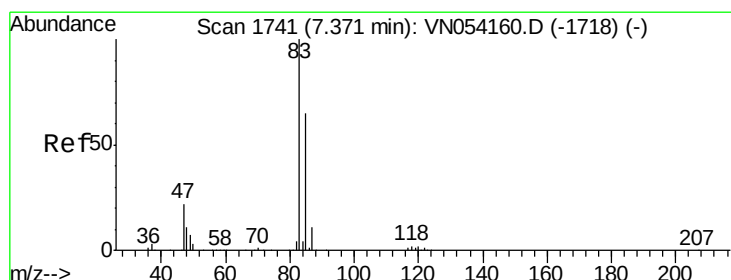
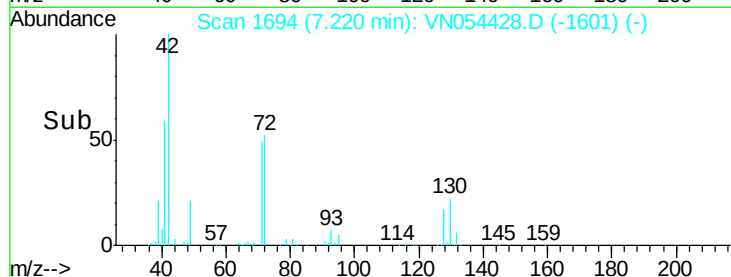
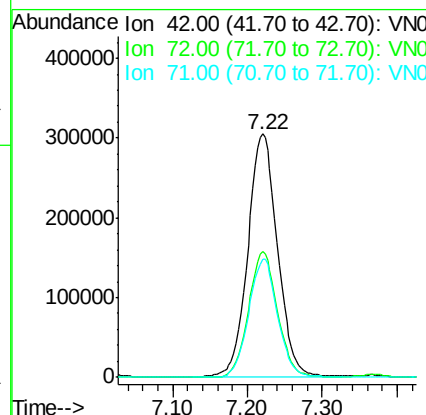
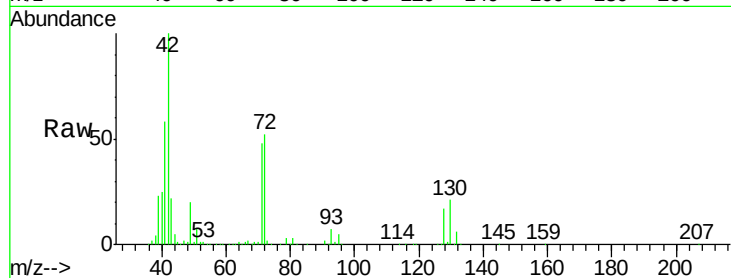




#29
Tetrahydrofuran
Concen: 286.149 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

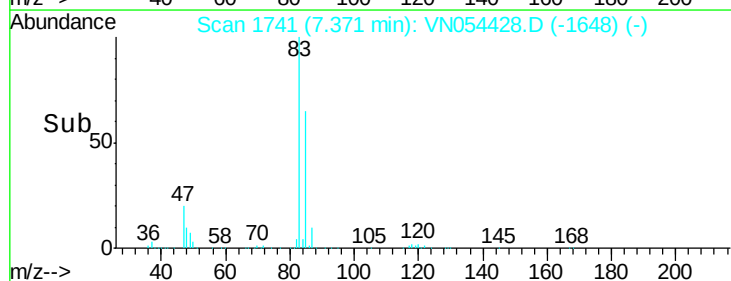
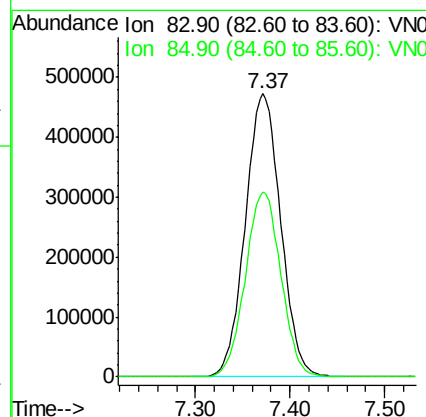
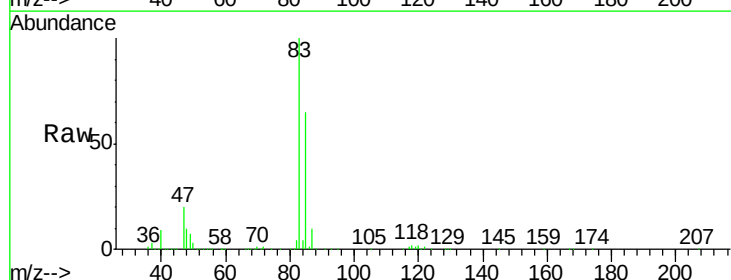
Instrument :
MSVOA_N
ClientSampled :

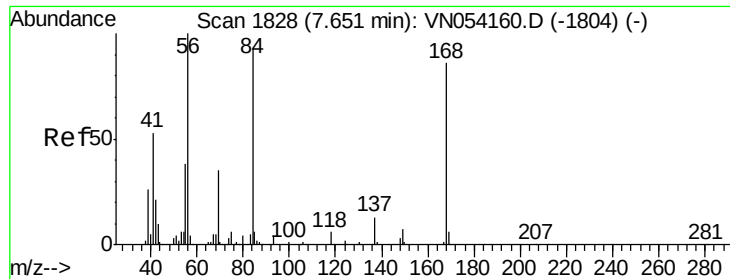
Tot Ion: 42 Resp: 840187
Ion Ratio Lower Upper
42 100
72 50.2 37.8 56.6
71 47.6 36.2 54.2



#30
Chloroform
Concen: 53.879 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 83 Resp: 1228825
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4

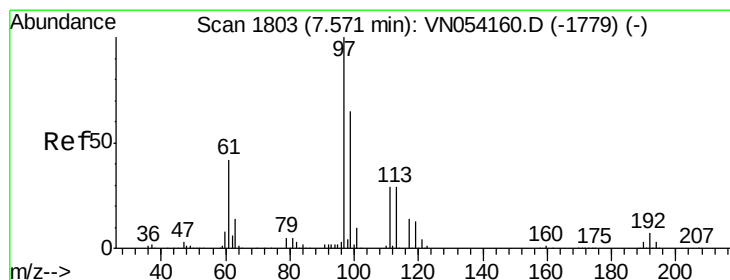
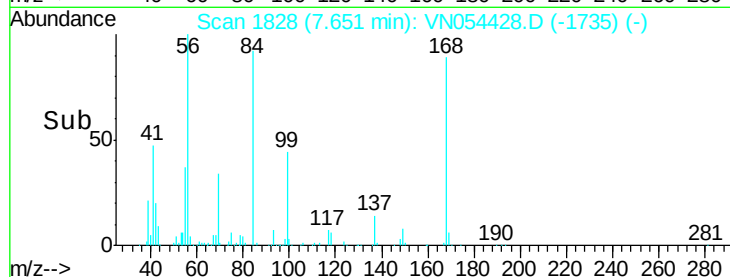
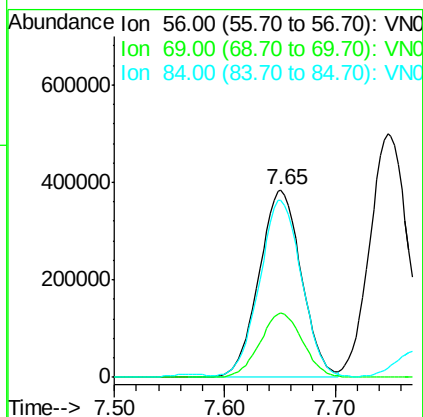
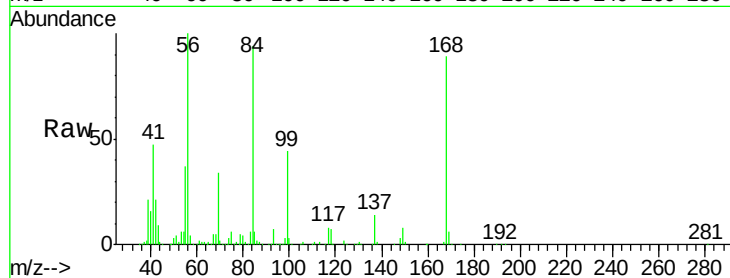




#31
Cyclohexane
Concen: 49.916 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

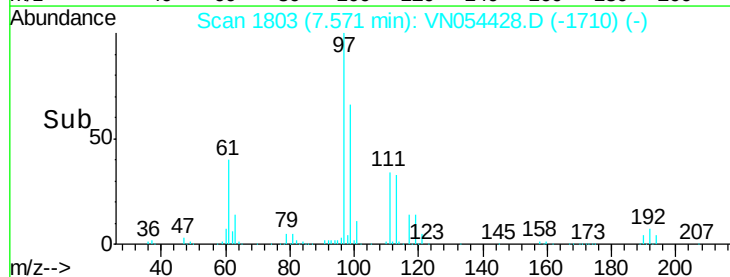
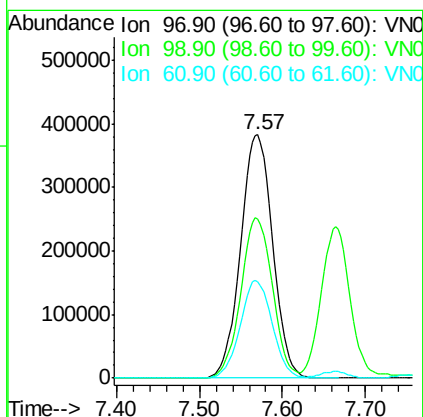
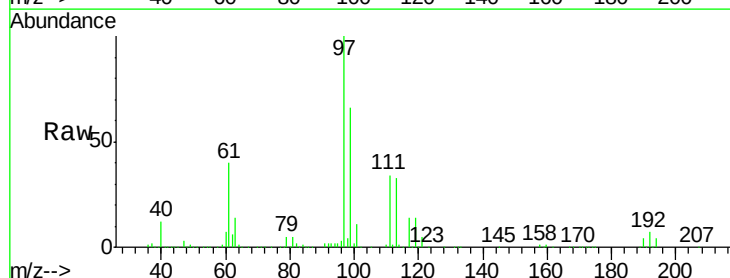
Instrument :
MSVOA_N
ClientSampleId :

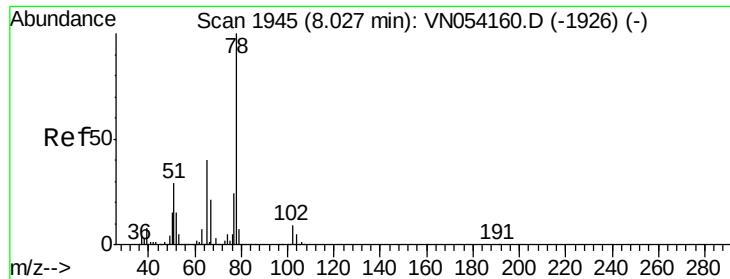
Tot Ion: 56 Resp: 1020035
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.6
84 93.0 74.6 111.8



#32
1,1,1-Trichloroethane
Concen: 49.929 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 97 Resp: 1028424
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 39.9 33.6 50.4

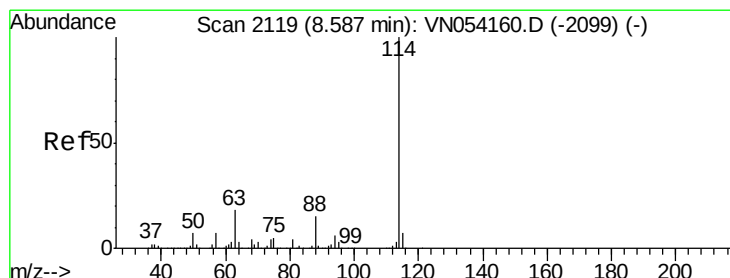
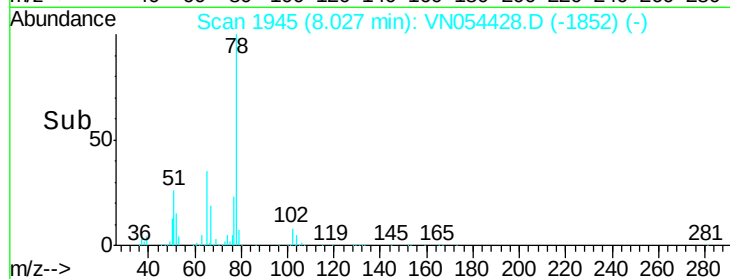
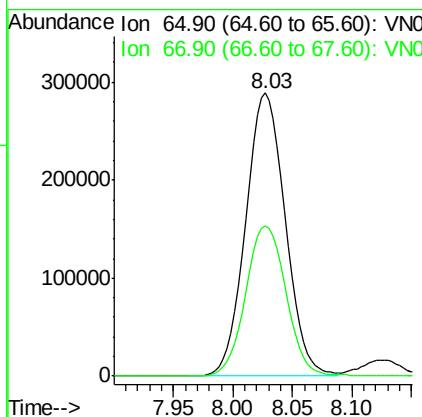
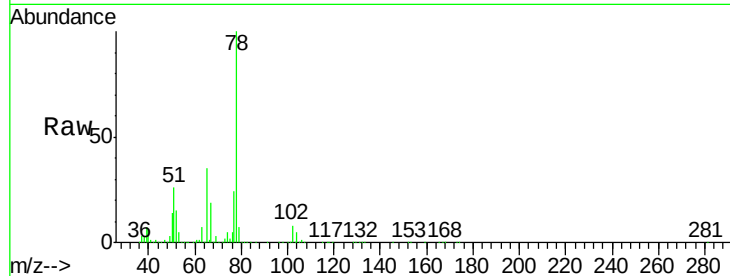




#33
 1,2-Dichloroethane-d4
 Concen: 49.089 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

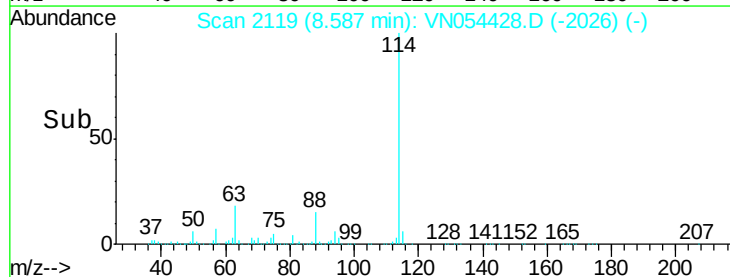
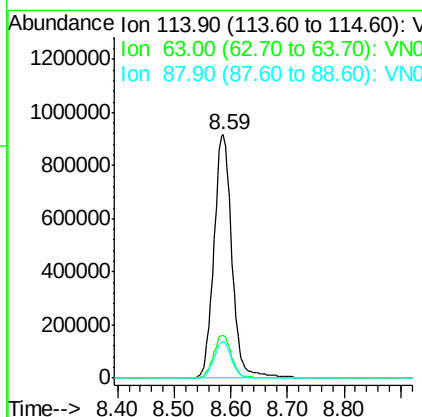
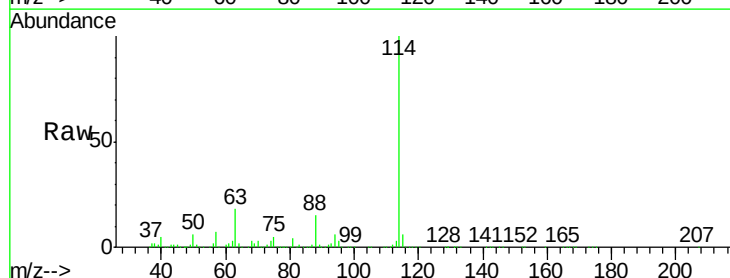
Instrument :
 MSVOA_N
 ClientSampleId :

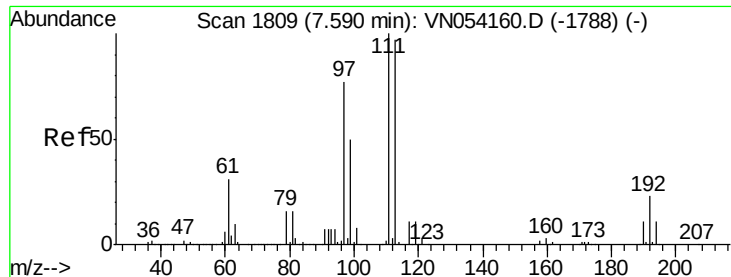
Tot Ion: 65 Resp: 667065
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion: 114 Resp: 2018760
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.9 0.0 30.2

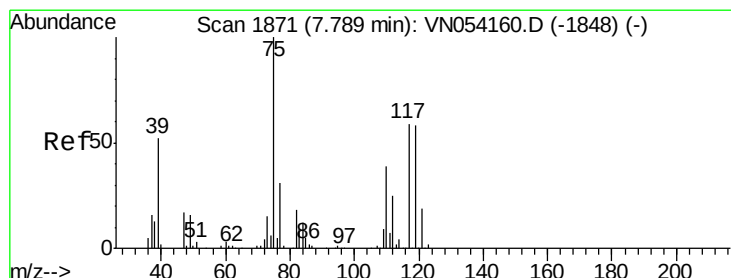
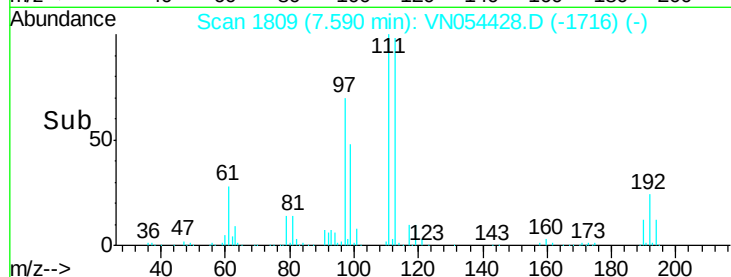
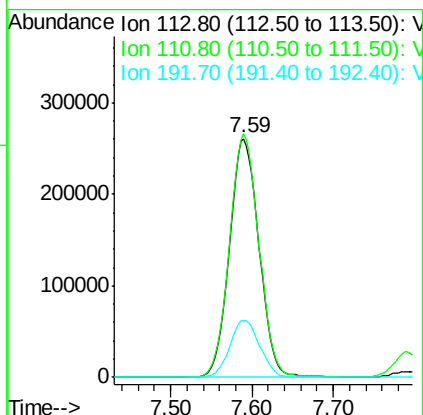
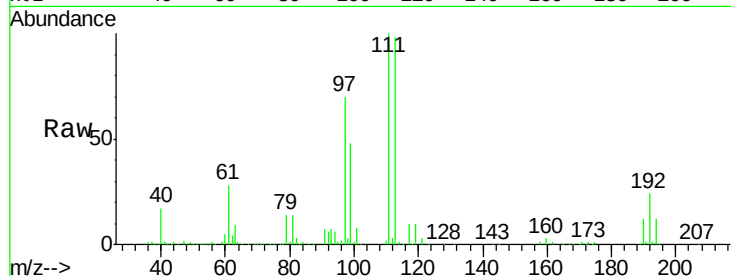




#35
 Dibromofluoromethane
 Concen: 50.581 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

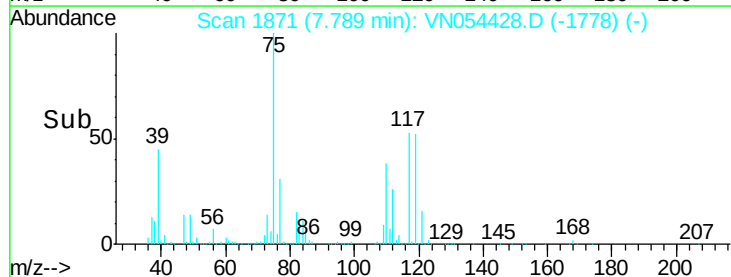
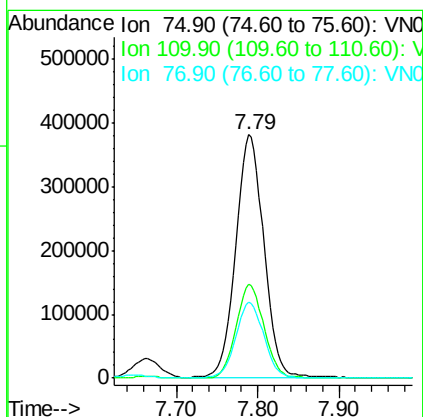
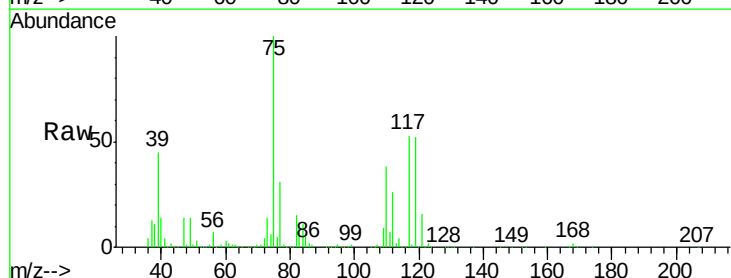
Instrument :
 MSVOA_N
 ClientSampleId :

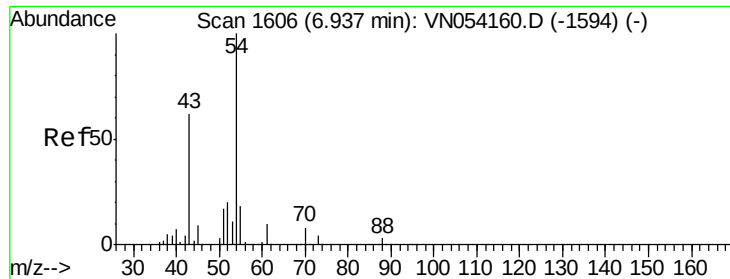
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 48.877 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.1	57.5
77	31.3	25.0	37.4

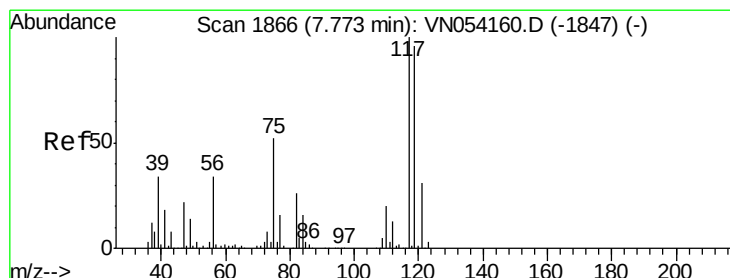
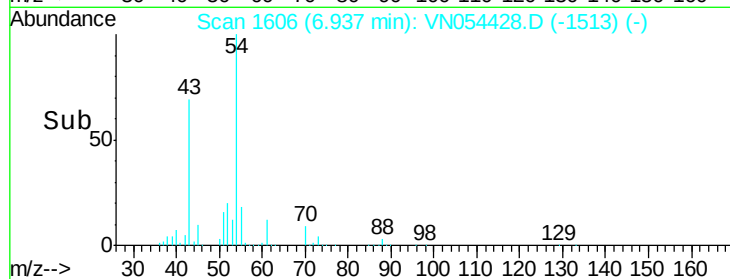
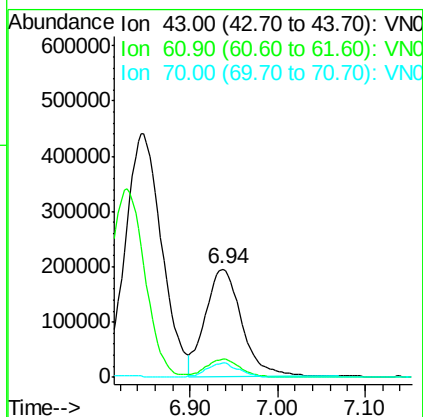
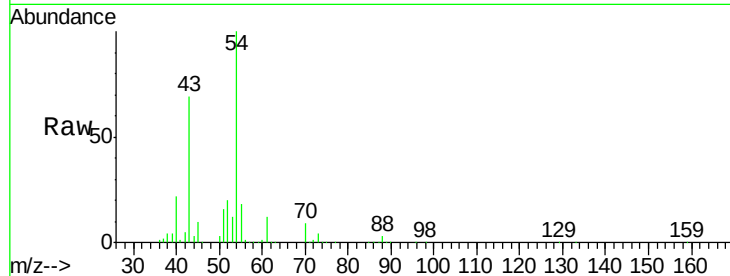




#37
Ethyl Acetate
Concen: 52.750 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

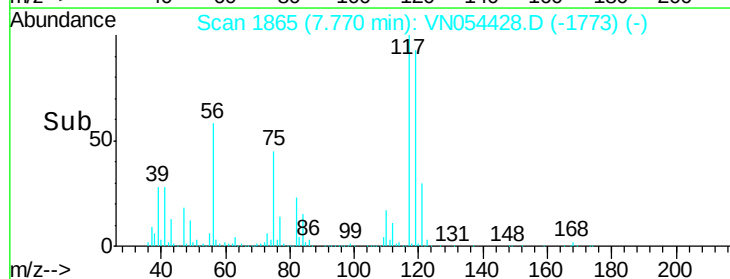
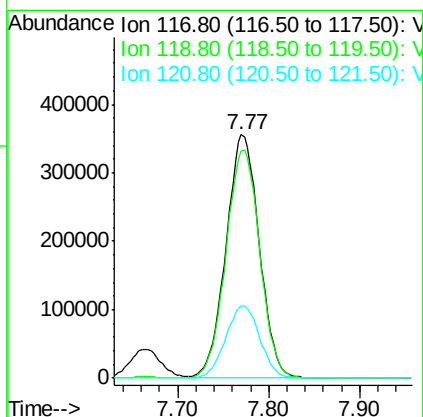
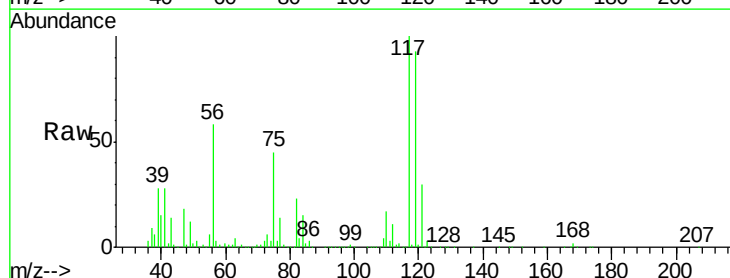
Instrument :
MSVOA_N
ClientSampled :

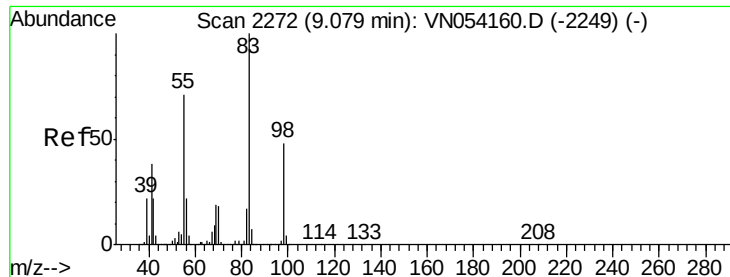
Tot Ion: 43 Resp: 563489
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 11.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.161 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 117 Resp: 899964
Ion Ratio Lower Upper
117 100
119 93.3 76.3 114.5
121 29.8 24.6 36.8

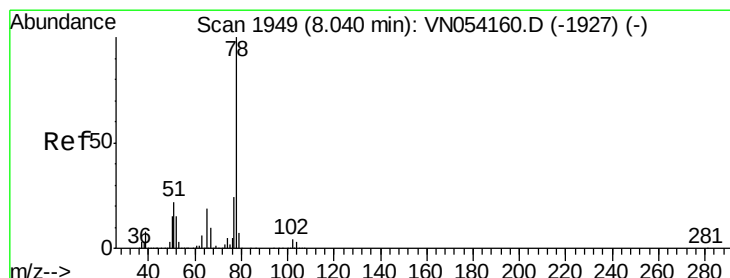
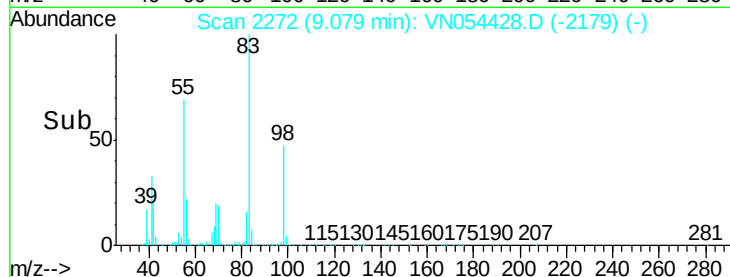
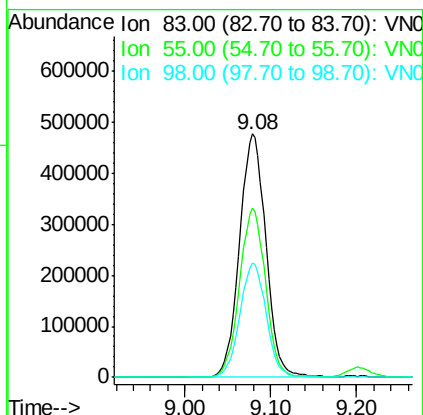
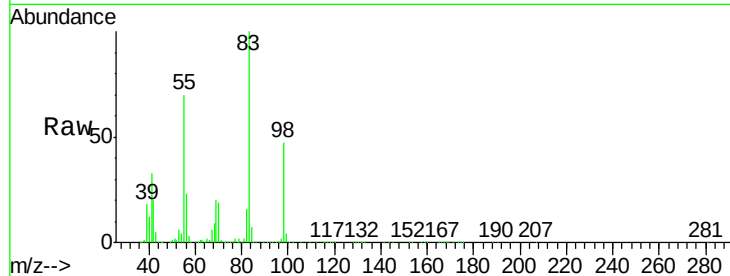




#39
Methylvlcyclohexane
Concen: 44.510 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

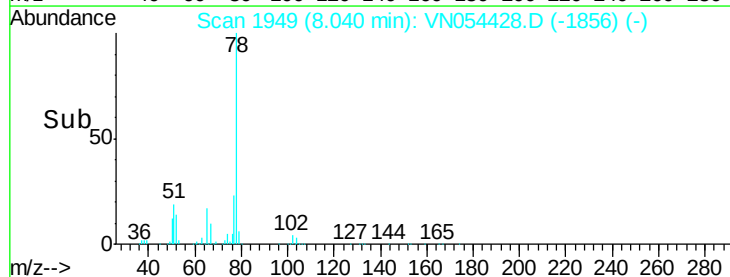
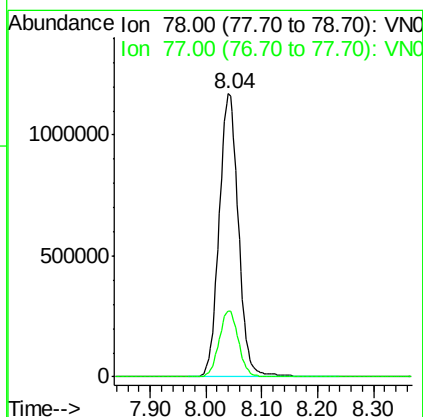
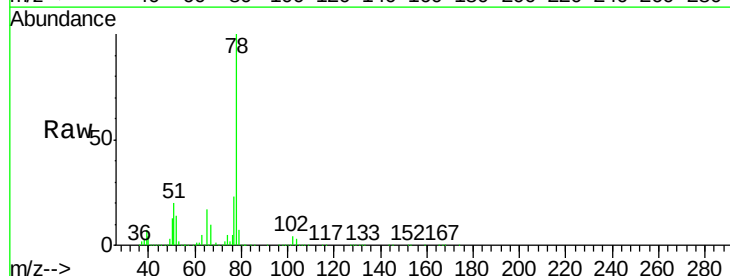
Instrument :
MSVOA_N
ClientSampleId :

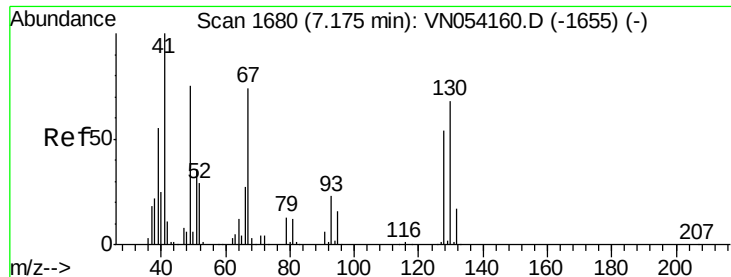
Tot Ion: 83 Resp: 1018124
Ion Ratio Lower Upper
83 100
55 69.5 56.6 84.8
98 46.8 38.4 57.6



#40
Benzene
Concen: 52.870 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 78 Resp: 2812685
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

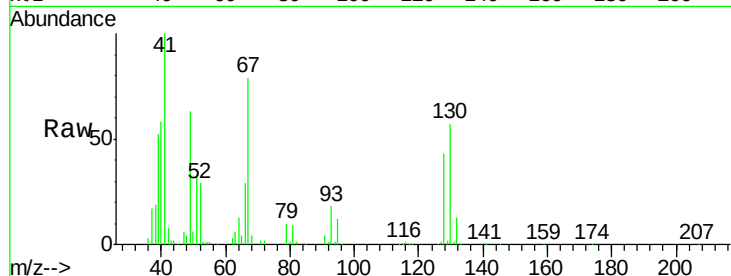




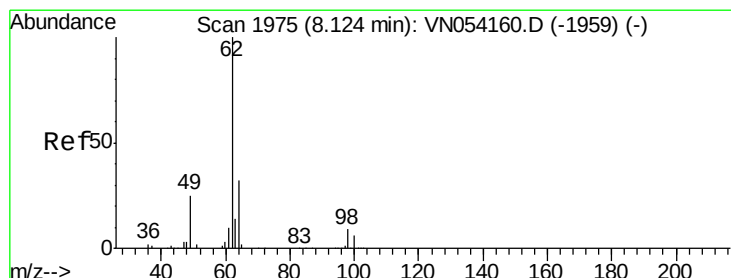
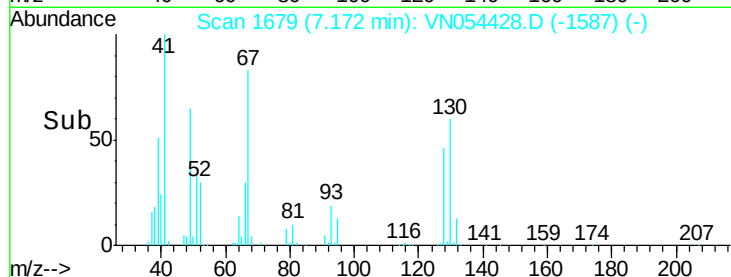
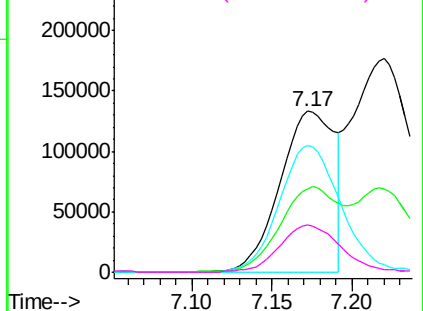
#41
Methacrylonitrile
Concen: 51.705 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 315358
Ion Ratio Lower Upper
41 100
39 58.5 46.8 70.2
67 90.4 67.0 100.4
52 32.6 26.5 39.7

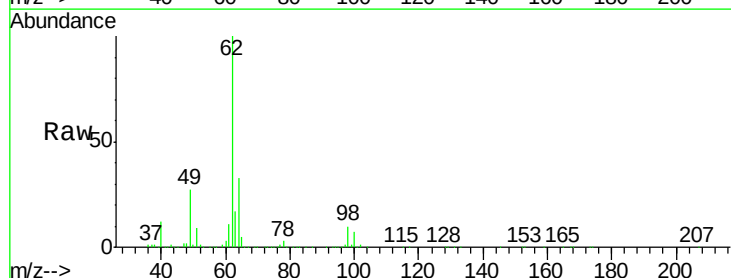


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

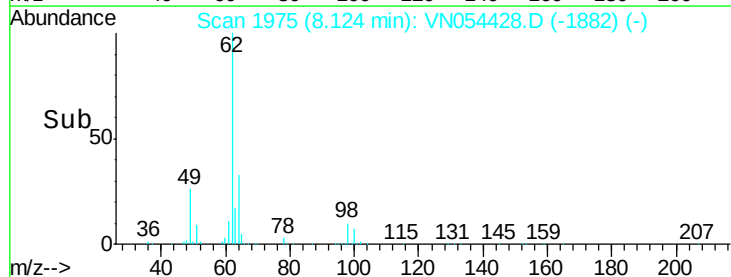
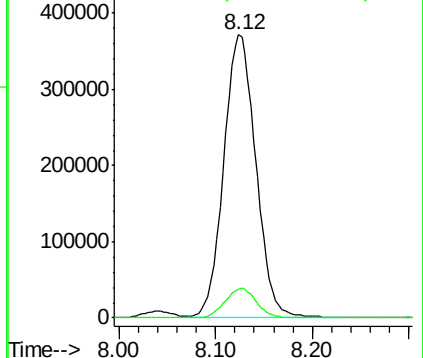


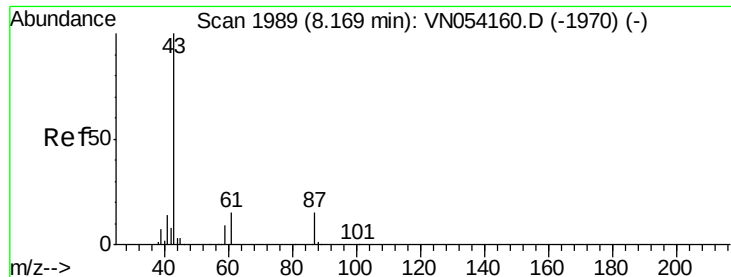
#42
1,2-Dichloroethane
Concen: 47.515 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 62 Resp: 853434
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 51.107 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampleId :

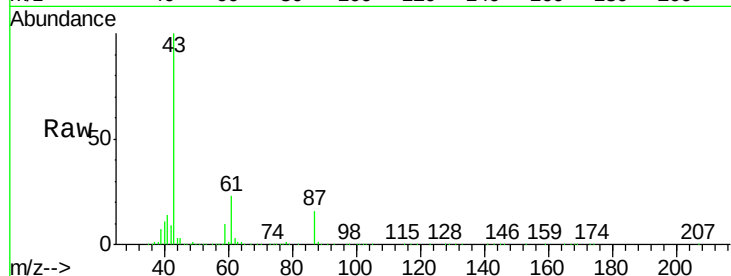
Tot Ion: 43 Resp: 958259

Ion Ratio Lower Upper

43 100

61 22.5 15.8 23.8

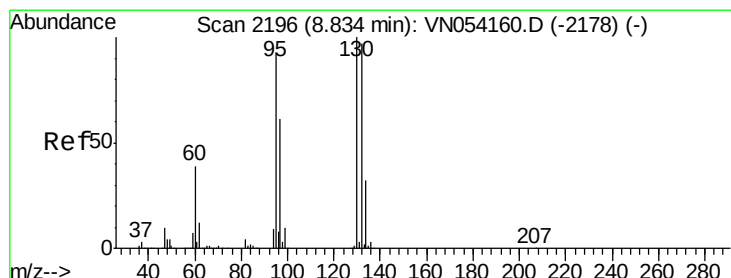
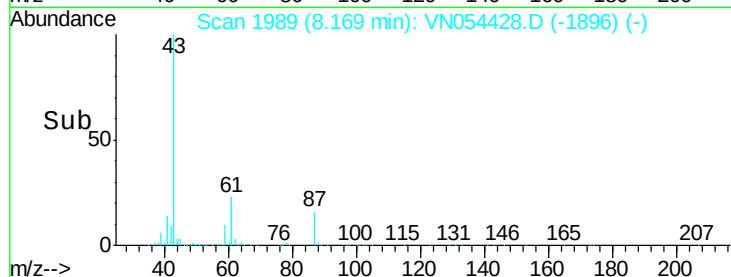
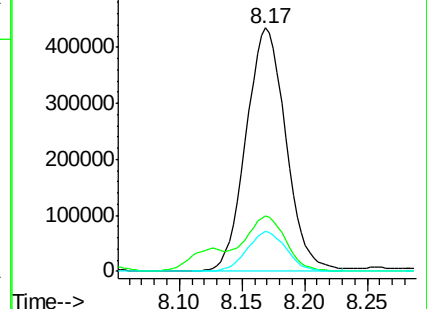
87 16.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054428.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN054428.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN054428.D (-2103) (-)



#44

Trichloroethene

Concen: 49.984 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054428.D

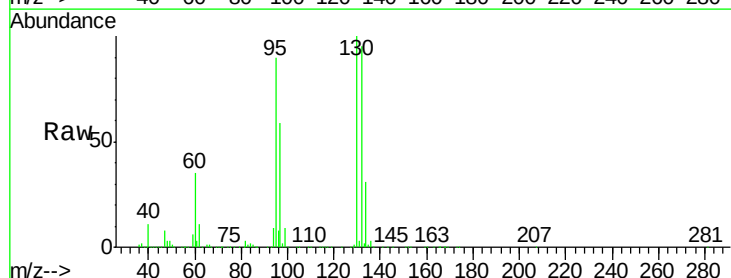
Acq: 19 Mar 2019 7:46

Tgt Ion:130 Resp: 826057

Ion Ratio Lower Upper

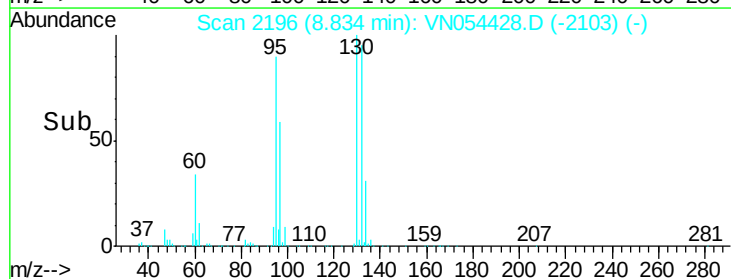
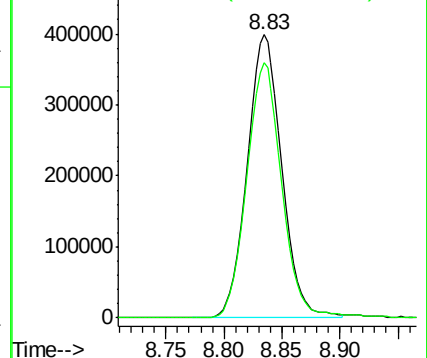
130 100

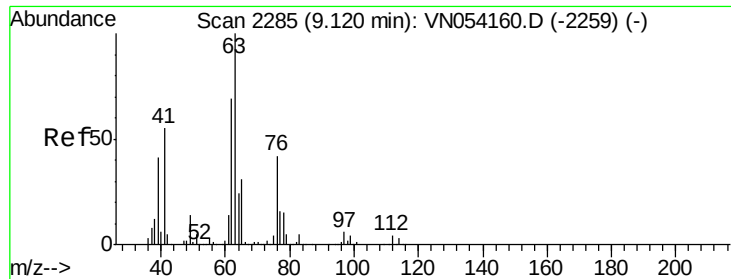
95 90.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054428.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054428.D (-2103) (-)

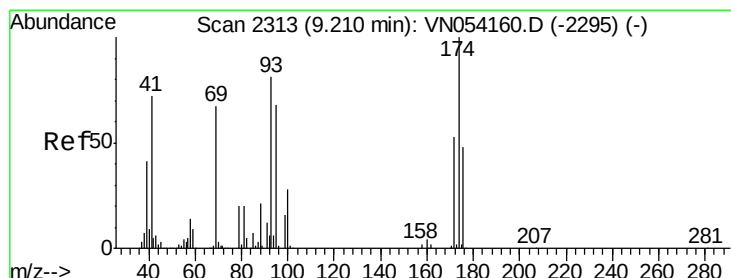
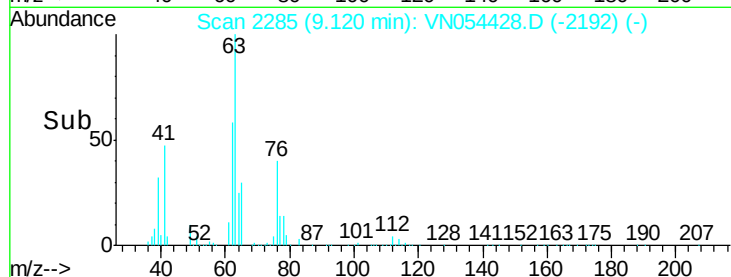
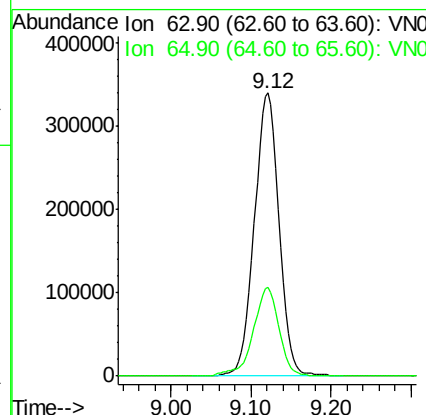
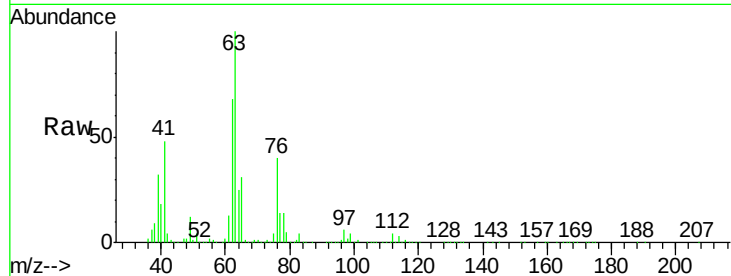




#45
 1,2-Dichloropropane
 Concen: 53.946 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

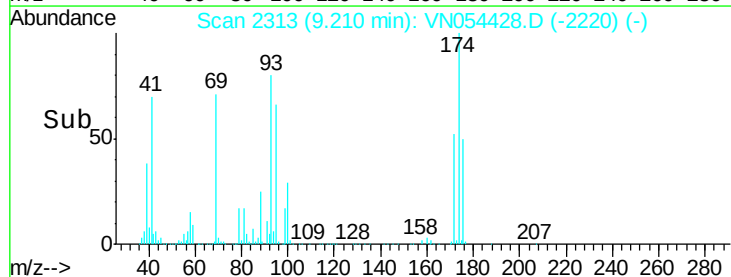
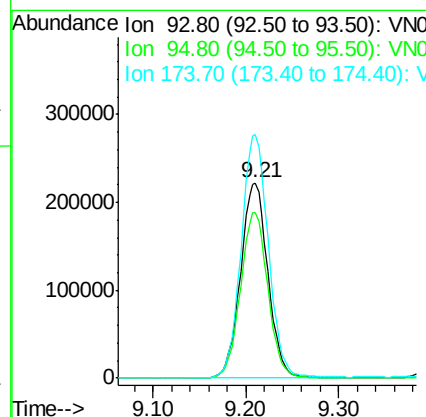
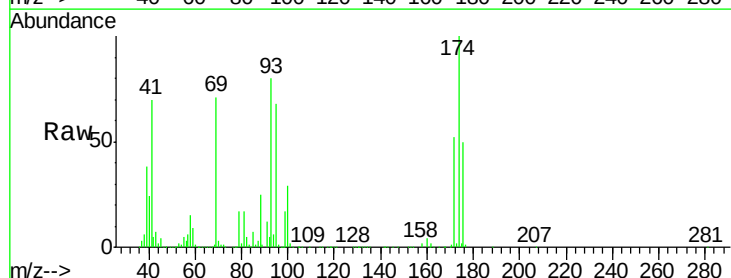
Instrument :
 MSVOA_N
 ClientSampleId :

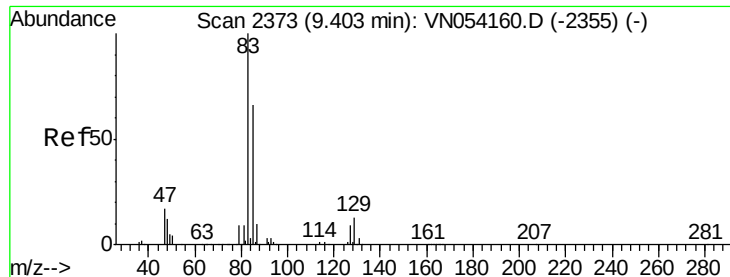
Tot Ion: 63 Resp: 712630
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



#46
 Dibromomethane
 Concen: 50.796 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion: 93 Resp: 453385
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.7 100.1
 174 123.5 98.5 147.7





#47

Bromodichloromethane

Concen: 50.374 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampleId :

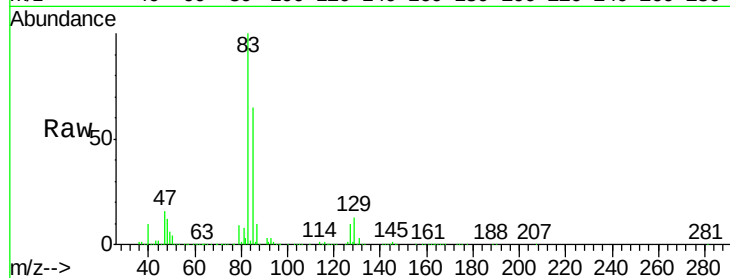
Tot Ion: 83 Resp: 901351

Ion Ratio Lower Upper

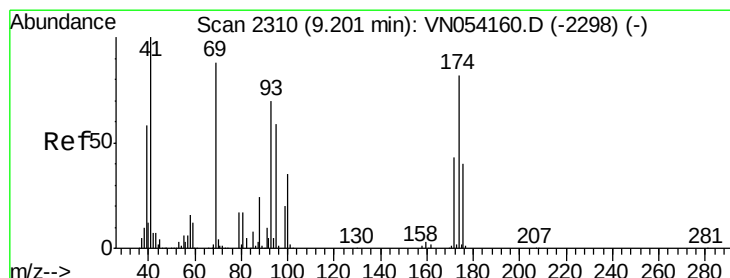
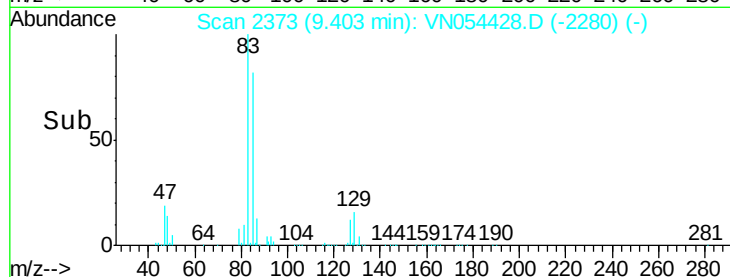
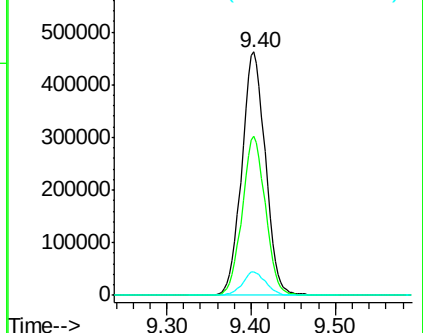
83 100

85 65.3 52.8 79.2

127 9.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.400 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

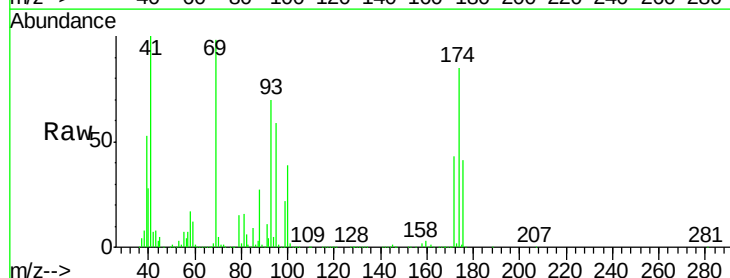
Tgt Ion: 41 Resp: 498604

Ion Ratio Lower Upper

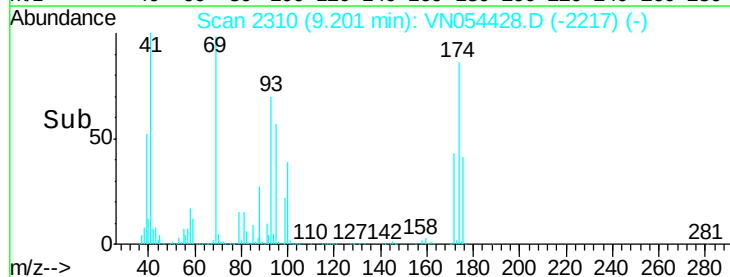
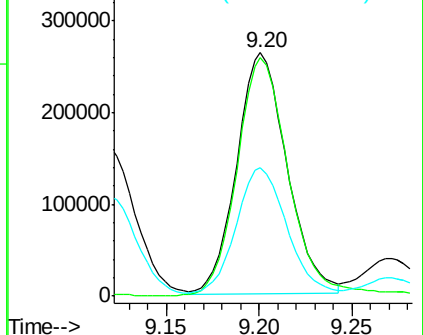
41 100

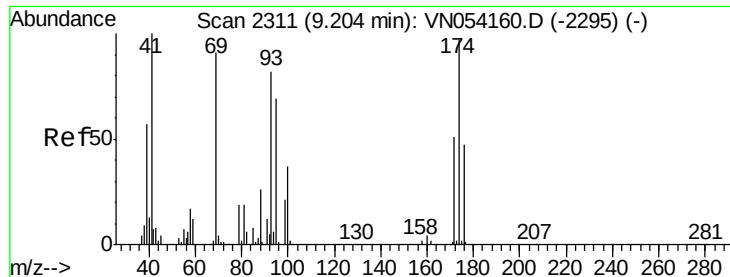
69 101.8 72.6 108.8

39 53.7 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

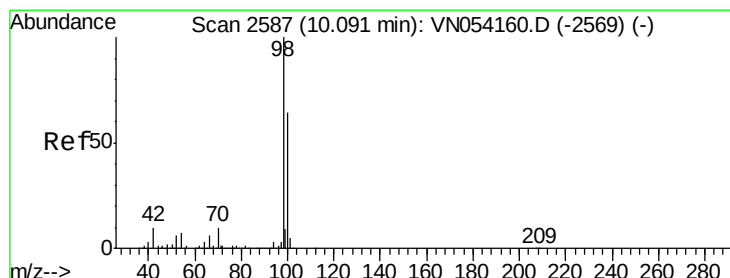
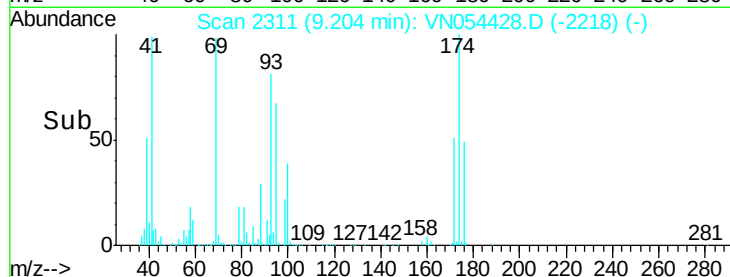
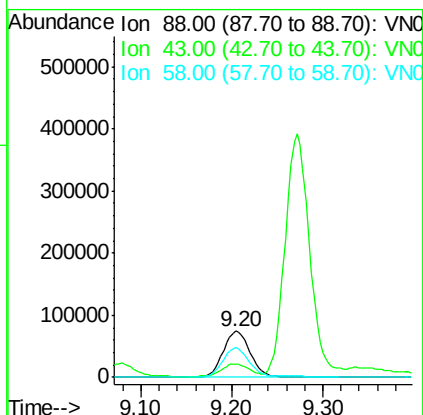
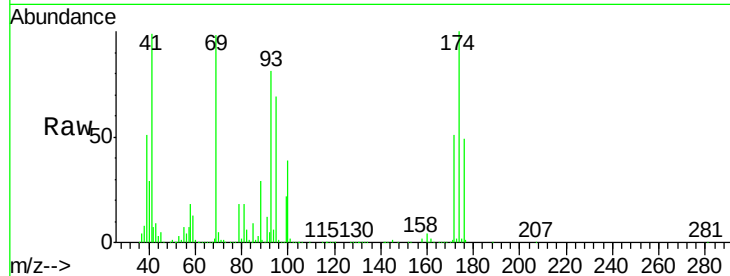




#49
1,4-Dioxane
Concen: 1152.611 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

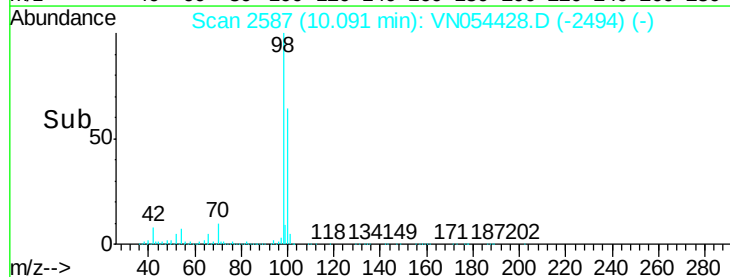
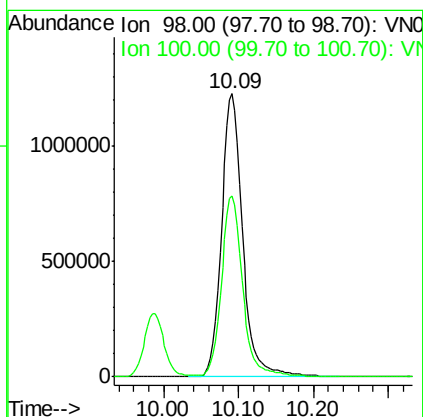
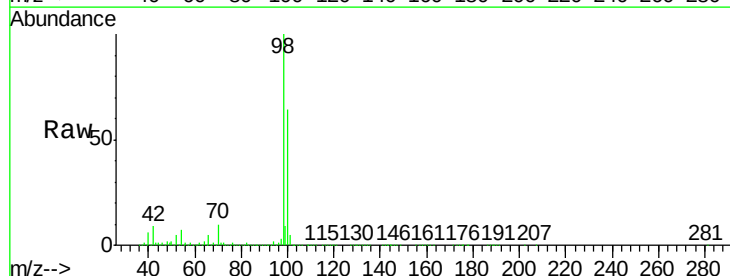
Instrument :
MSVOA_N
ClientSampleId :

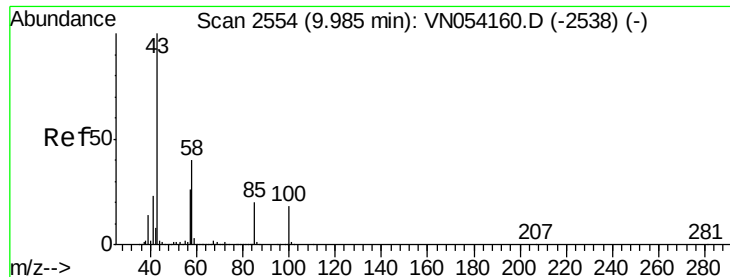
Tot Ion: 88 Resp: 155135
Ion Ratio Lower Upper
88 100
43 27.7 24.1 36.1
58 62.4 50.8 76.2



#50
Toluene-d8
Concen: 49.729 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 98 Resp: 2391227
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 278.134 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

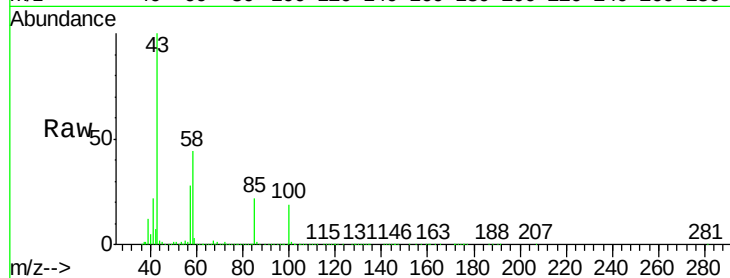
ClientSampleId :

Tot Ion: 43 Resp: 2759842

Ion Ratio Lower Upper

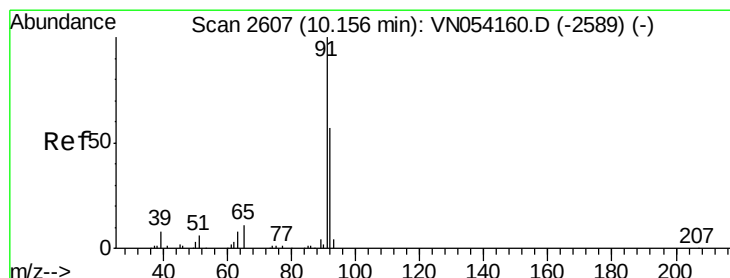
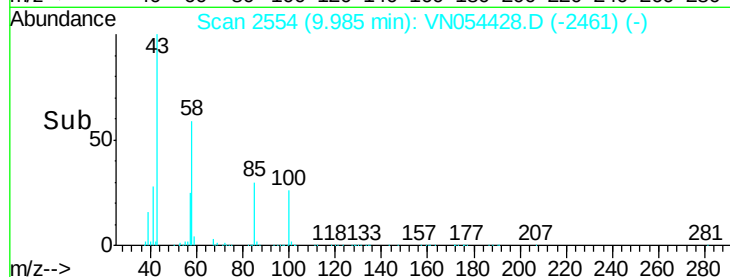
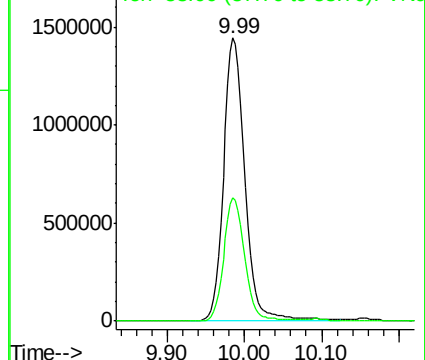
43 100

58 43.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.128 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054428.D

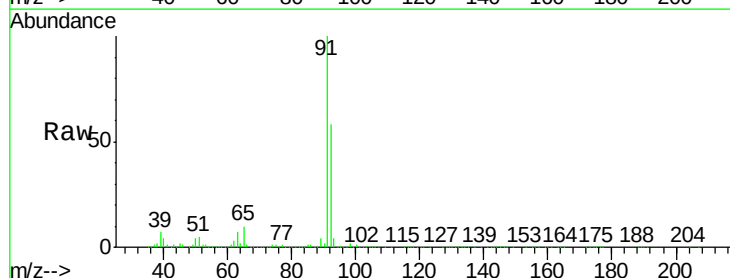
Acq: 19 Mar 2019 7:46

Tgt Ion: 92 Resp: 1758407

Ion Ratio Lower Upper

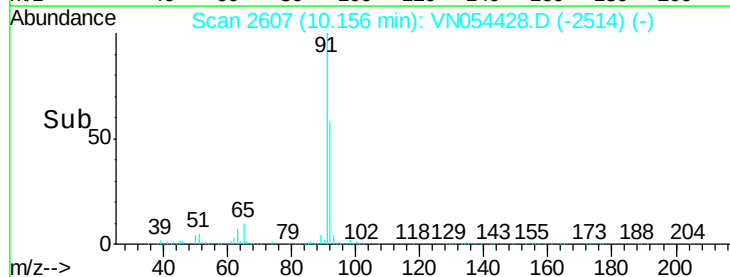
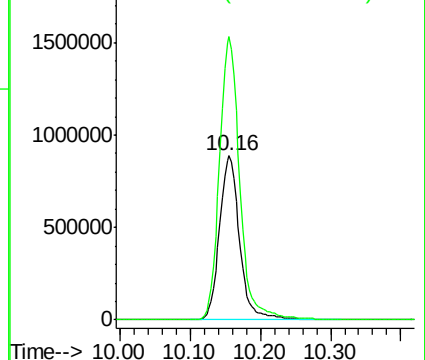
92 100

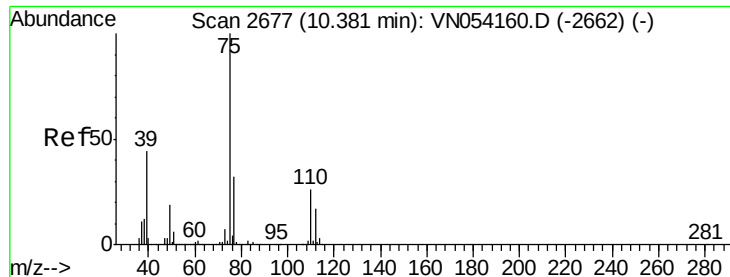
91 174.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 40.731 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

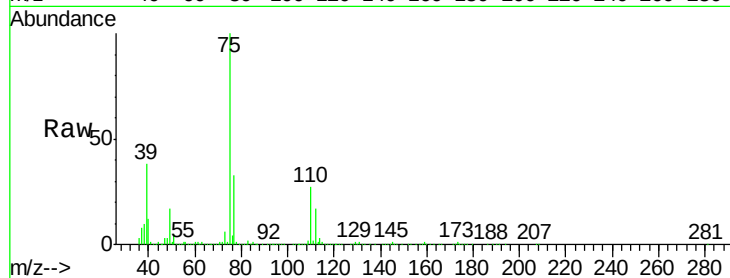
ClientSampled :

Tot Ion: 75 Resp: 825731

Ion Ratio Lower Upper

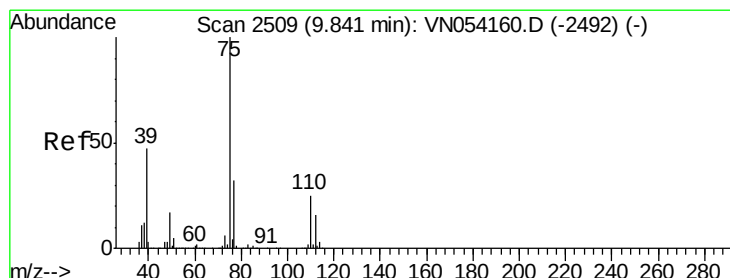
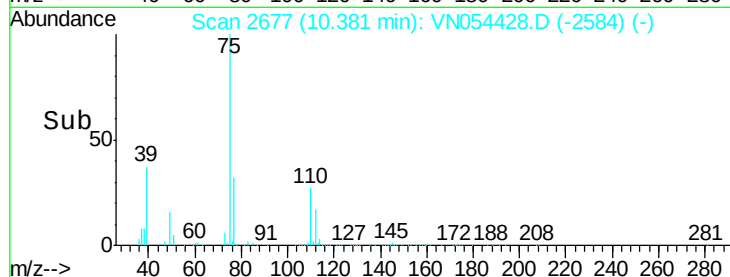
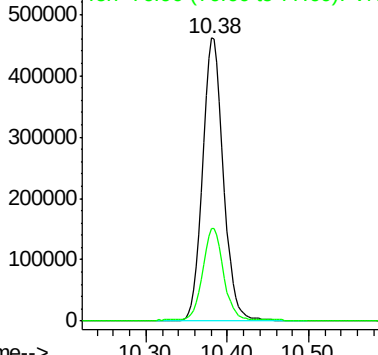
75 100

77 32.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.157 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

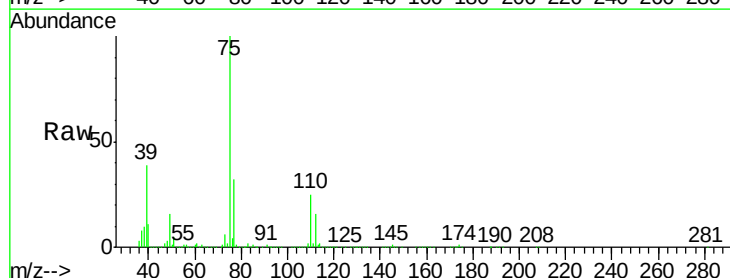
Tgt Ion: 75 Resp: 1004146

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

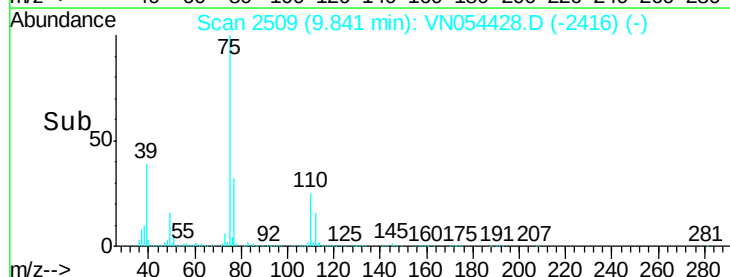
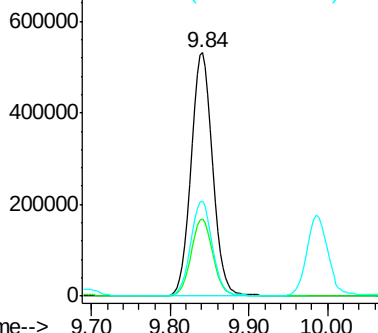
39 38.8 37.2 55.8

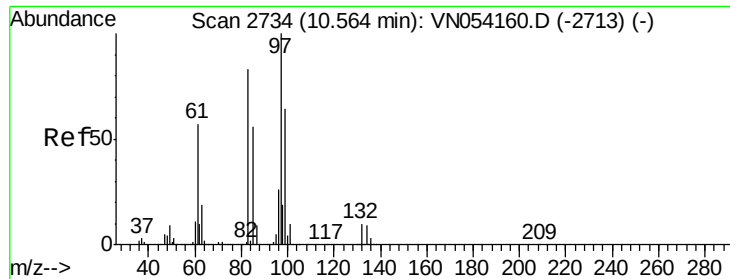


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

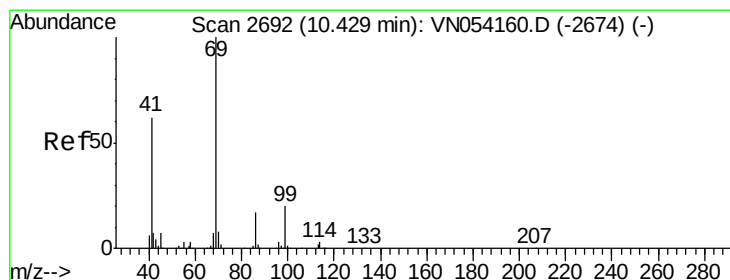
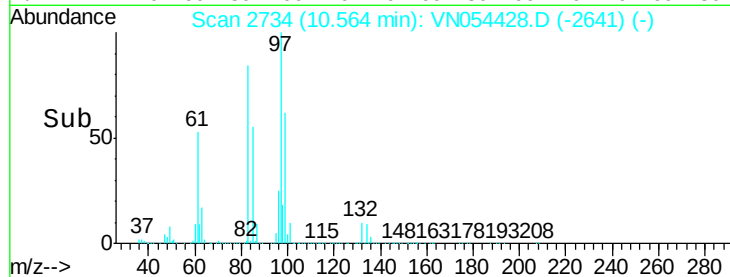
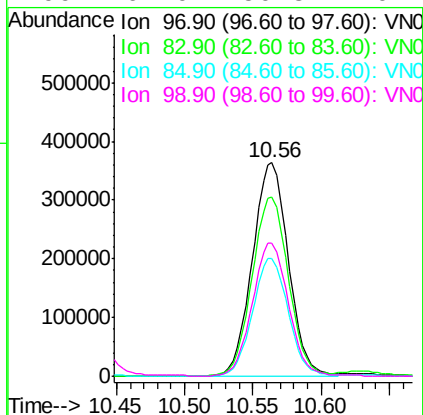
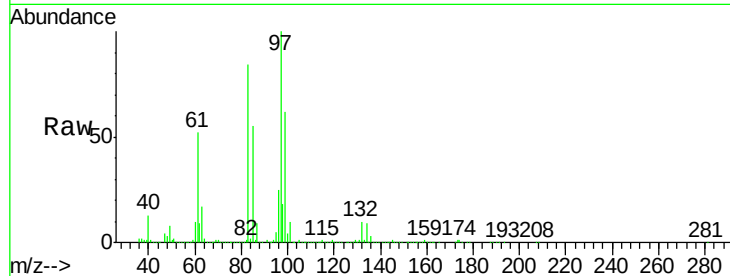




#55
 1,1,2-Trichloroethane
 Concen: 53.892 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

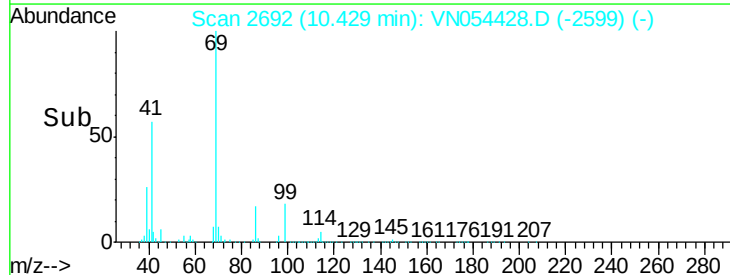
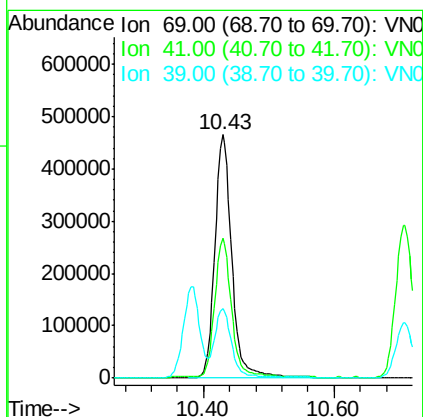
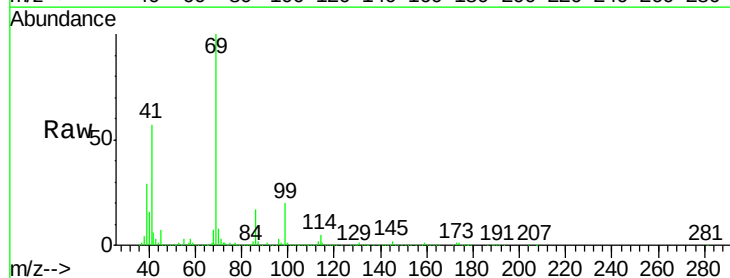
Instrument :
 MSVOA_N
 ClientSampled :

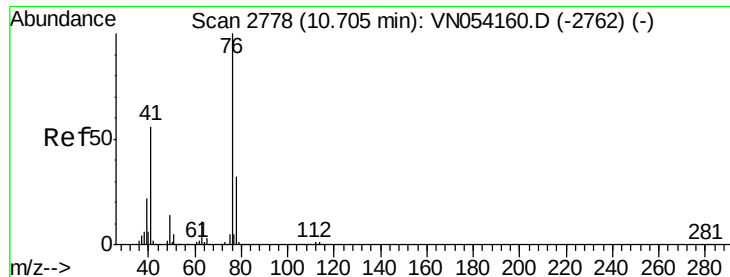
Tot Ion:	97	Resp:	663781
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.6	100.0
85	55.0	44.4	66.6
99	62.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 57.241 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion:	69	Resp:	840675
Ion	Ratio	Lower	Upper
69	100		
41	56.0	49.4	74.2
39	28.2	28.3	42.5#





#57

1,3-Dichloropropane

Concen: 53.835 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

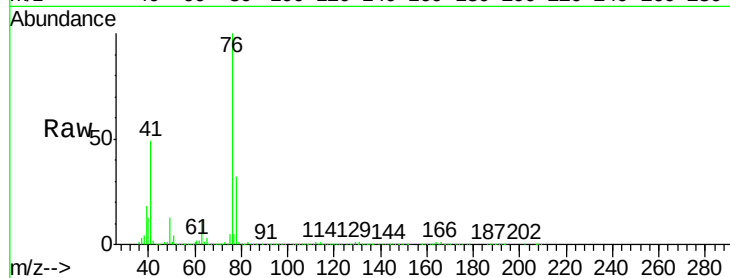
ClientSampleId :

Tot Ion: 76 Resp: 1084227

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

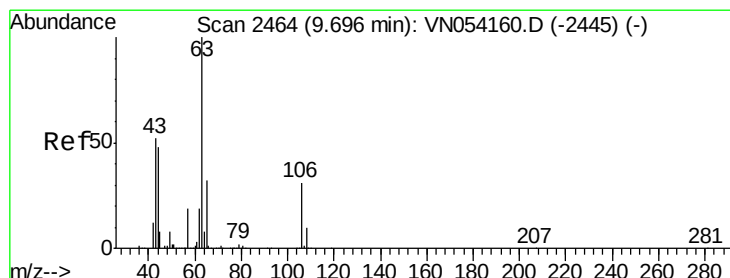
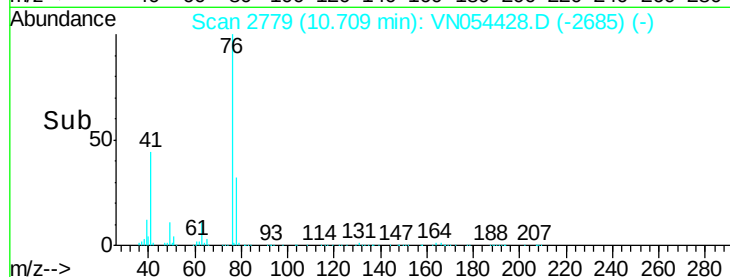
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.642 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054428.D

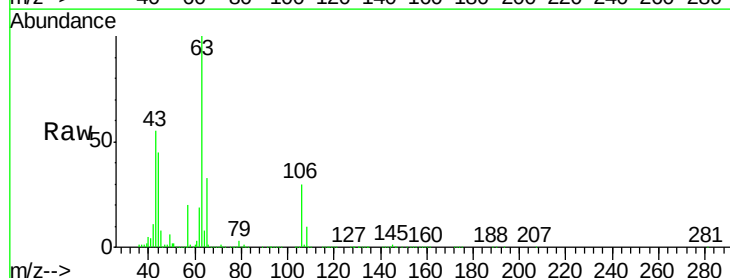
Acq: 19 Mar 2019 7:46

Tgt Ion: 63 Resp: 1686097

Ion Ratio Lower Upper

63 100

106 30.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

1000000

800000

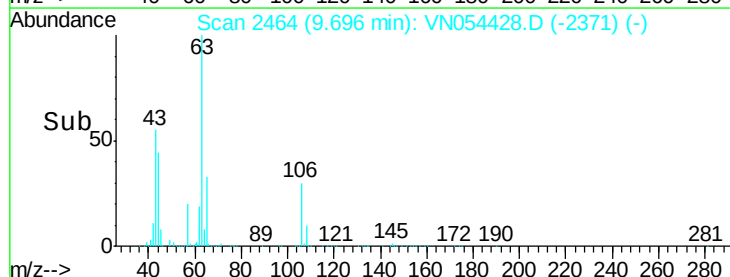
600000

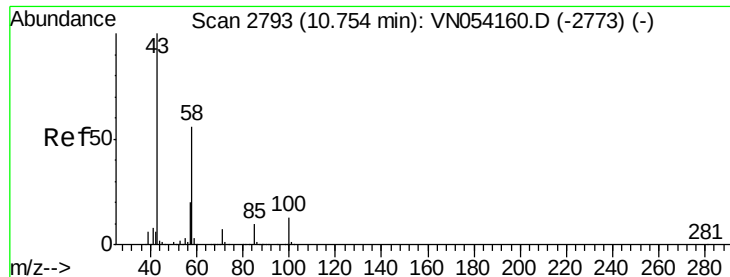
400000

200000

0

Time-->

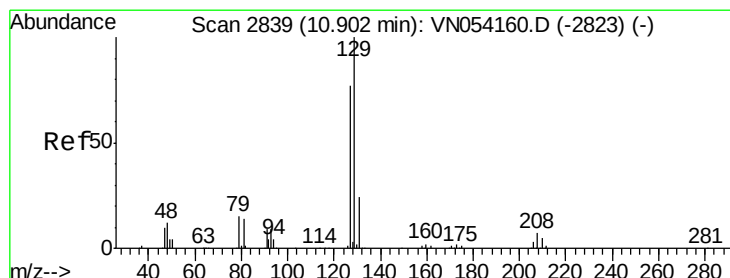
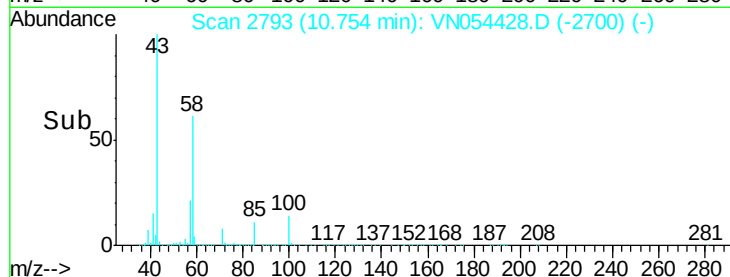
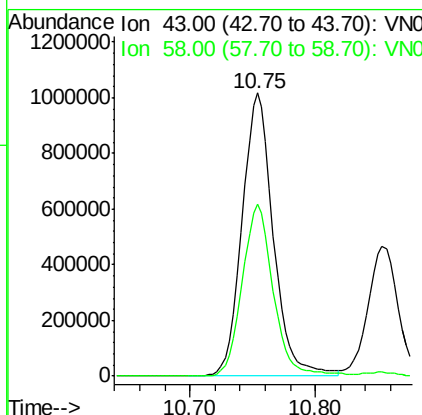
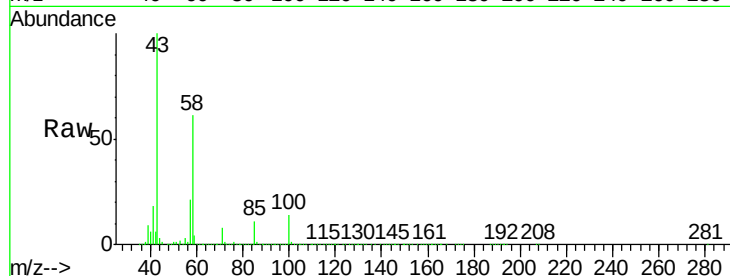




#59
2-Hexanone
Concen: 265.514 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

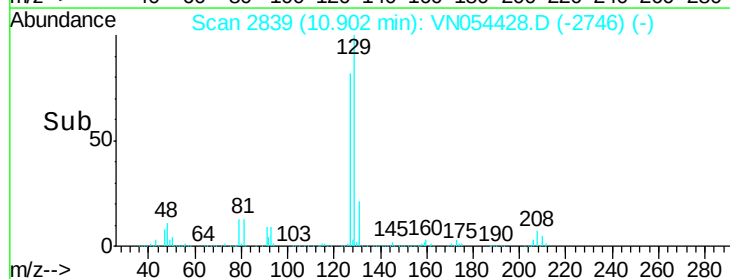
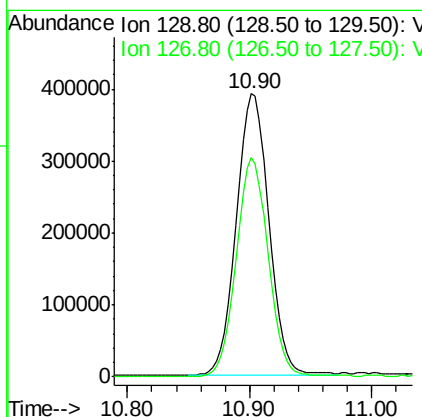
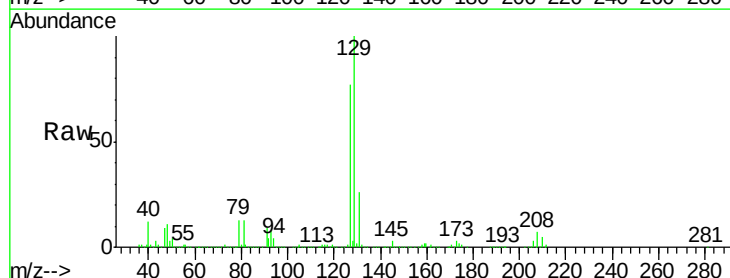
Instrument :
MSVOA_N
ClientSampled :

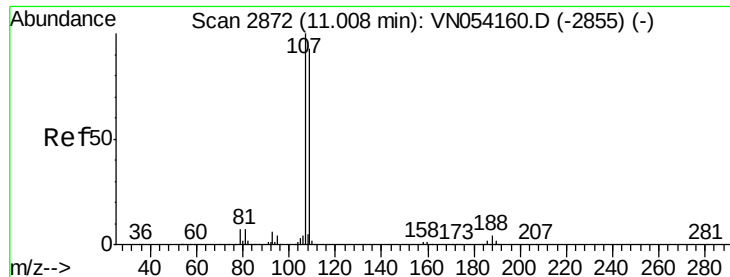
Tot Ion: 43 Resp: 1753071
Ion Ratio Lower Upper
43 100
58 60.8 28.0 83.9



#60
Dibromochloromethane
Concen: 51.847 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion: 129 Resp: 718777
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.133 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

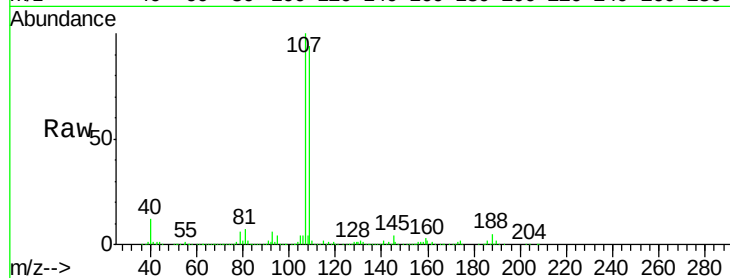
ClientSampleId :

Tot Ion: 107 Resp: 677577

Ion Ratio Lower Upper

107 100

109 94.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

400000

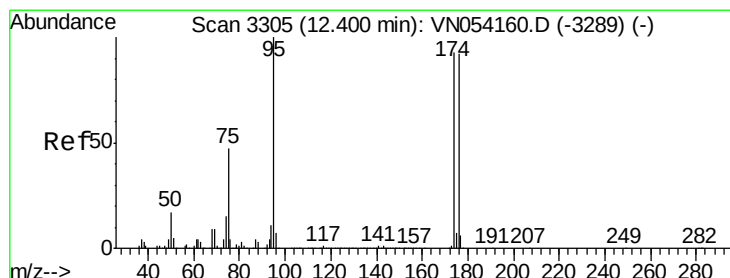
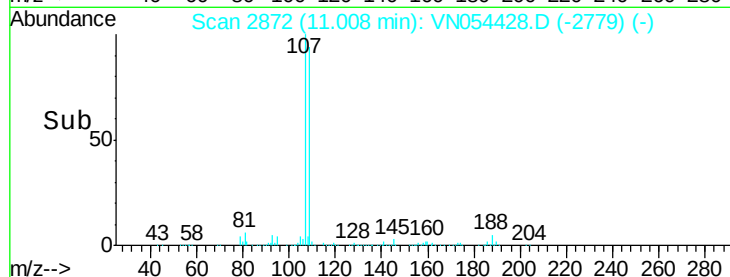
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.415 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

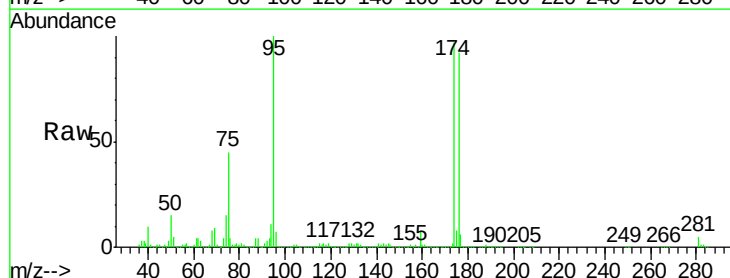
Tgt Ion: 95 Resp: 831417

Ion Ratio Lower Upper

95 100

174 100.0 0.0 191.0

176 93.2 0.0 187.4



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

600000

500000

400000

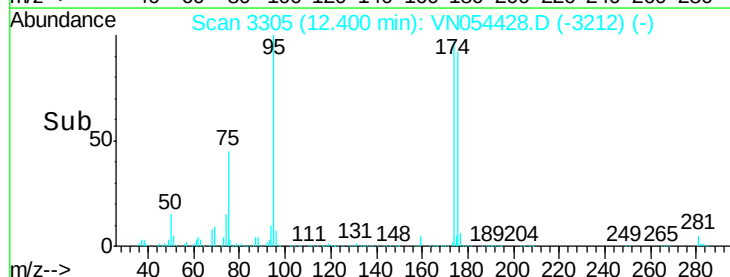
300000

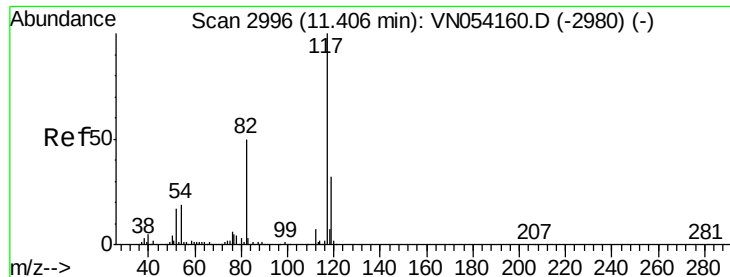
200000

100000

0

Time--> 12.30 12.40 12.50

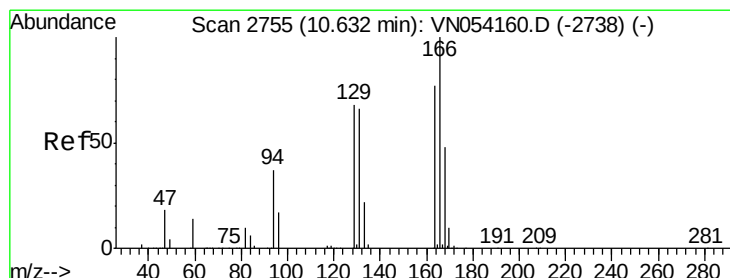
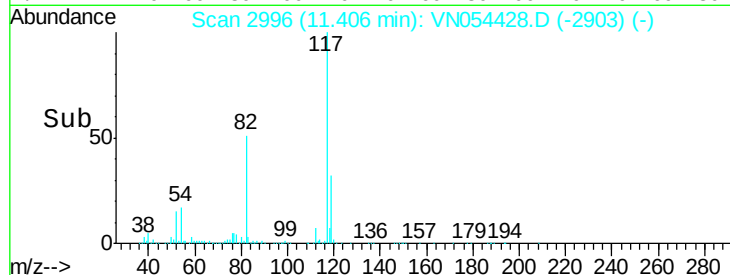
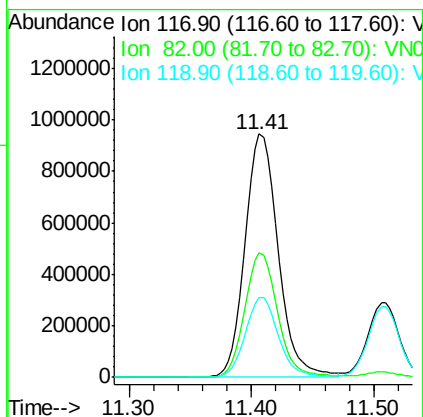
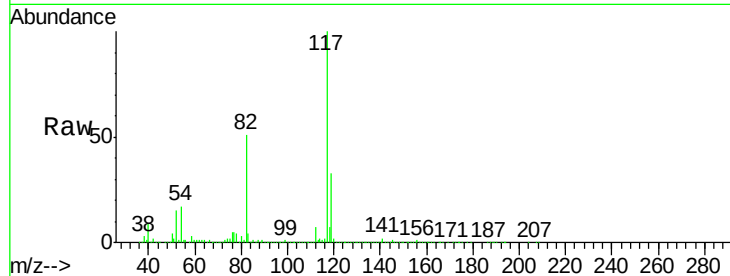




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

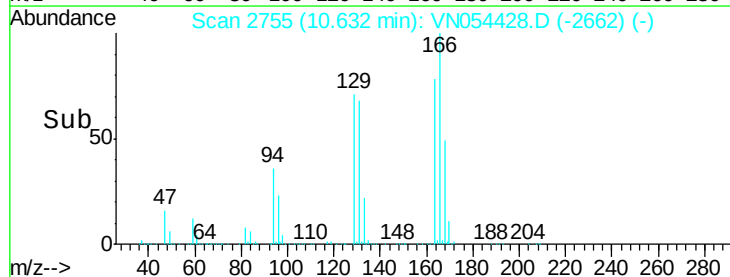
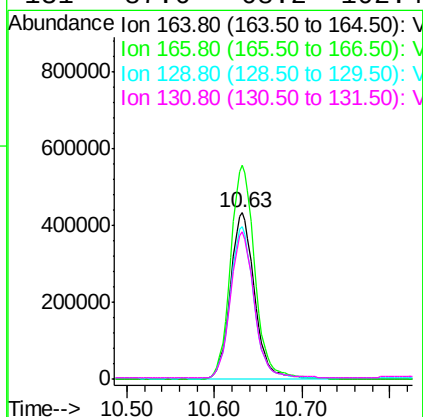
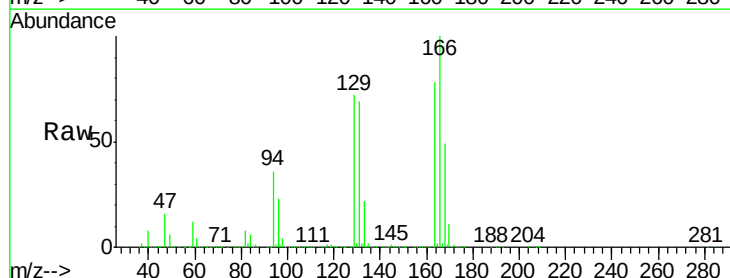
Instrument :
MSVOA_N
ClientSampleId :

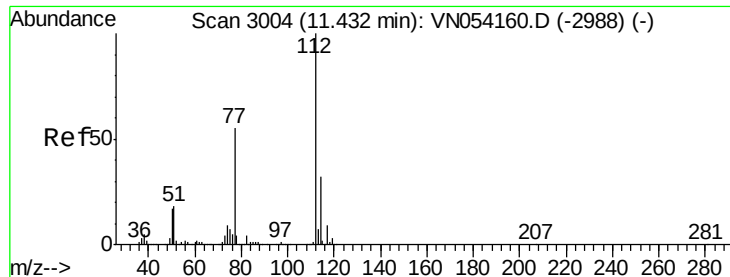
Tot Ion:117 Resp: 1755231
Ion Ratio Lower Upper
117 100
82 51.1 40.0 60.0
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 48.924 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion:164 Resp: 830259
Ion Ratio Lower Upper
164 100
166 128.6 103.9 155.9
129 91.7 71.1 106.7
131 87.6 68.2 102.4

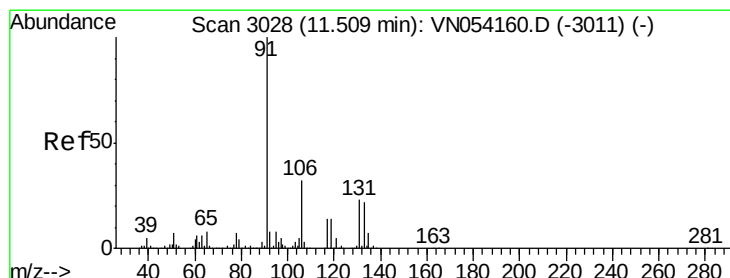
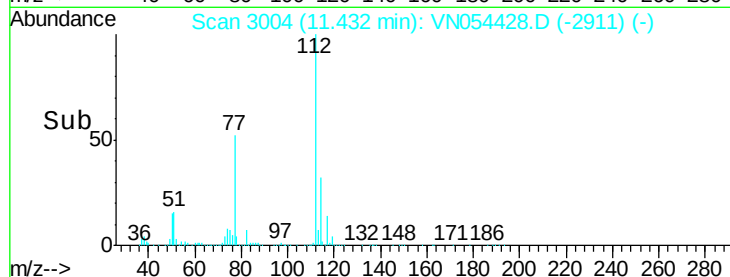
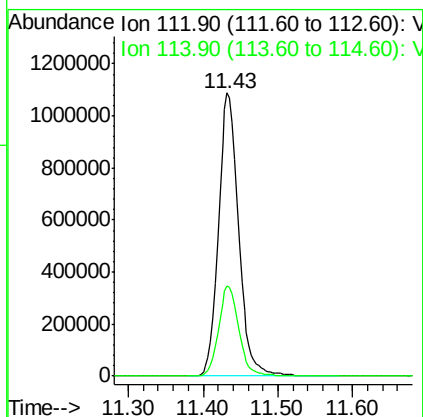
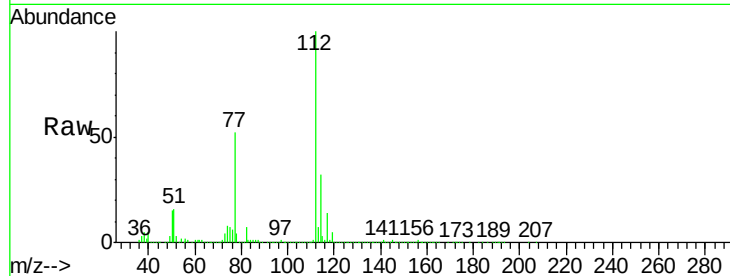




#65
Chlorobenzene
Concen: 52.551 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

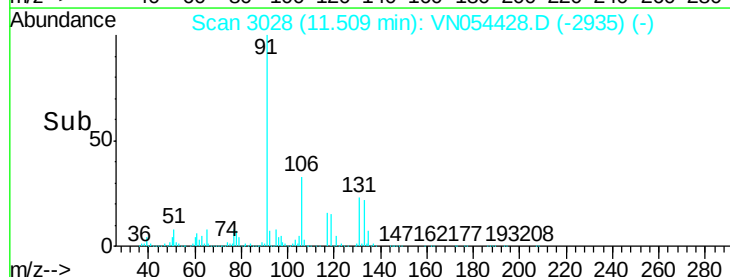
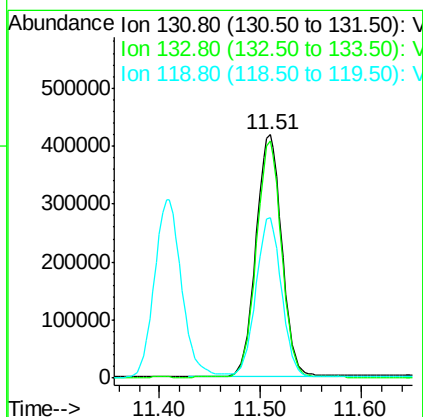
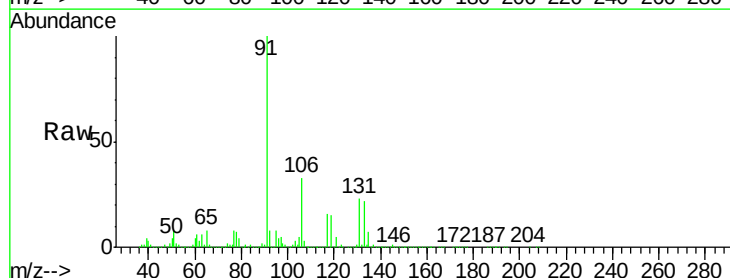
Instrument :
MSVOA_N
ClientSampled :

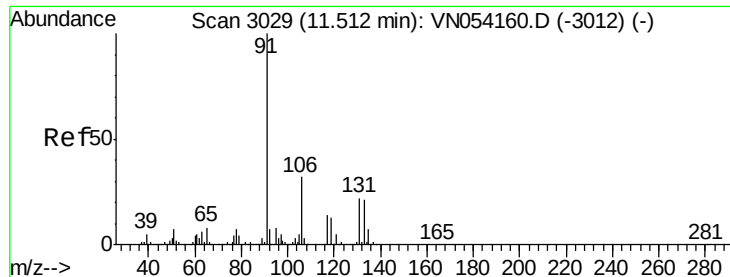
Tot Ion:112 Resp: 2025342
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.712 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion:131 Resp: 737997
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 64.7 32.4 97.0





#67

Ethyl Benzene

Concen: 51.209 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

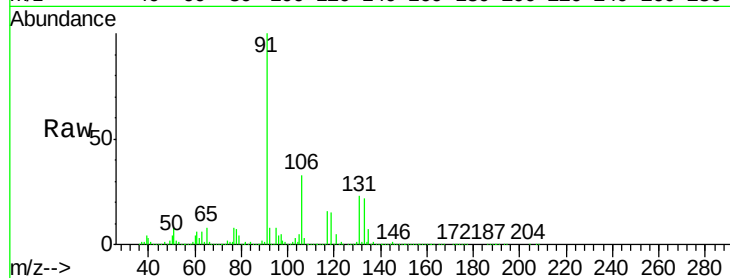
ClientSampled :

Tot Ion: 91 Resp: 3271558

Ion Ratio Lower Upper

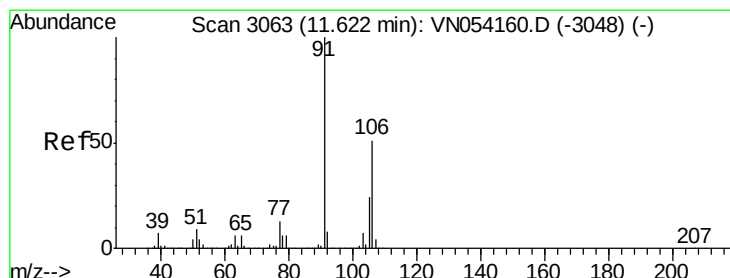
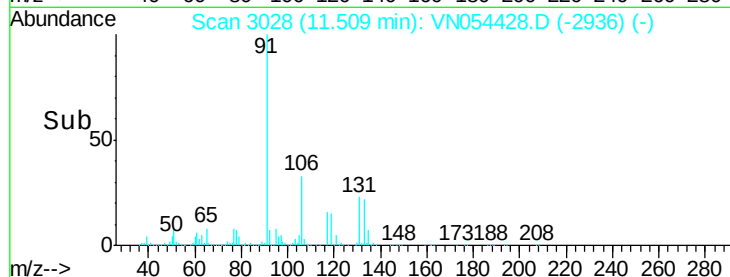
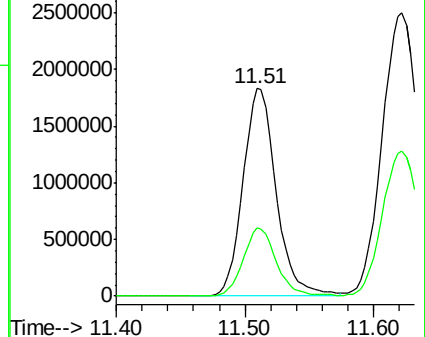
91 100

106 32.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN054160.D (-3012) (-)



#68

m/p-Xylenes

Concen: 103.993 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054428.D

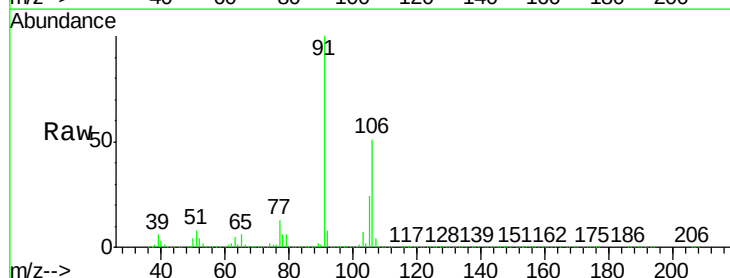
Acq: 19 Mar 2019 7:46

Tgt Ion: 106 Resp: 2596705

Ion Ratio Lower Upper

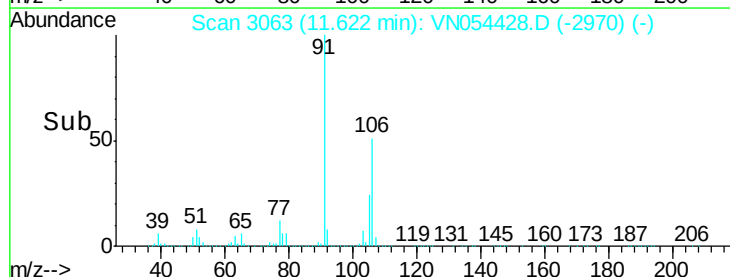
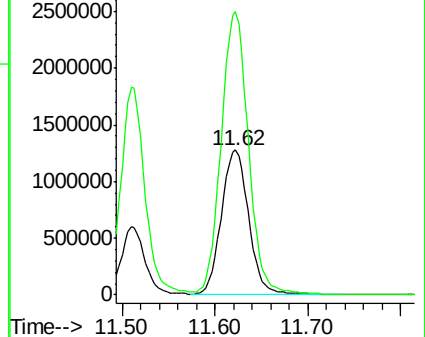
106 100

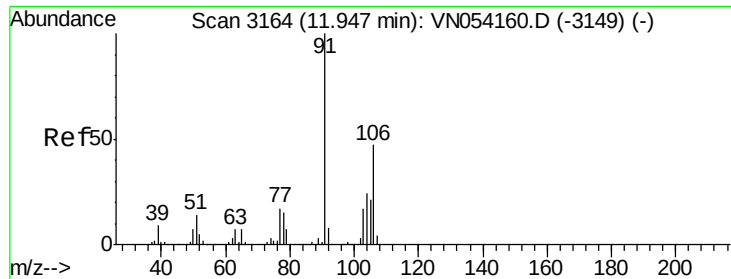
91 195.7 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VN054160.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN054160.D (-3048) (-)

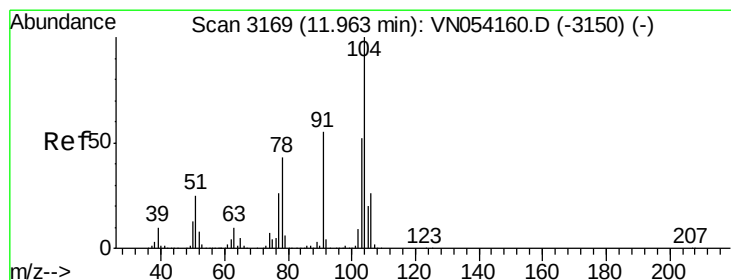
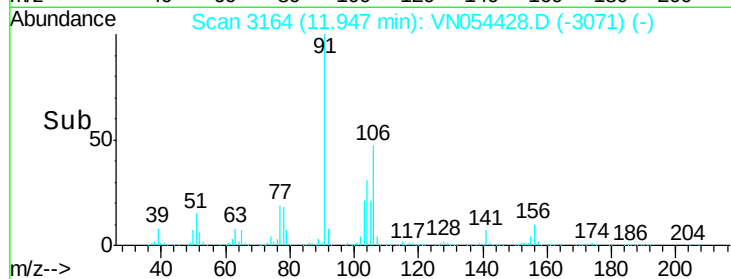
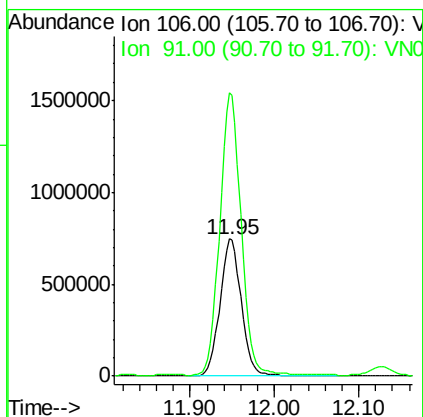
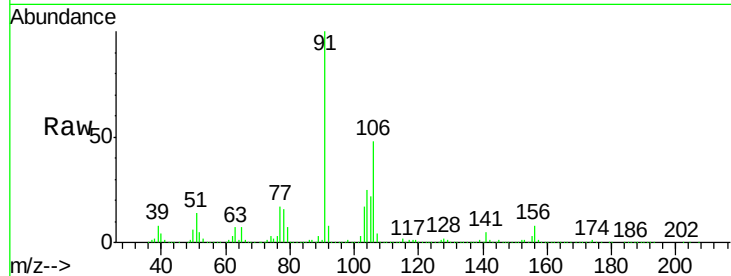




#69
o-Xylene
Concen: 53.578 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

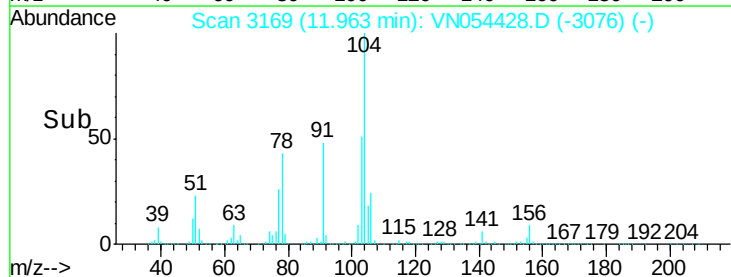
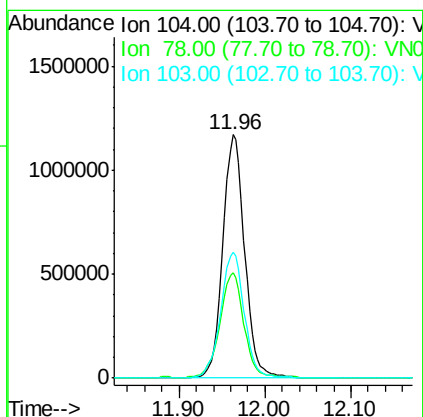
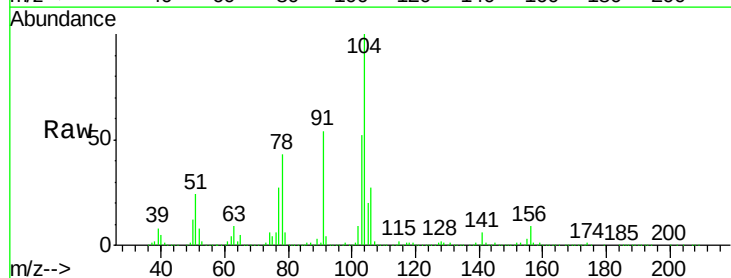
Instrument :
MSVOA_N
ClientSampleId :

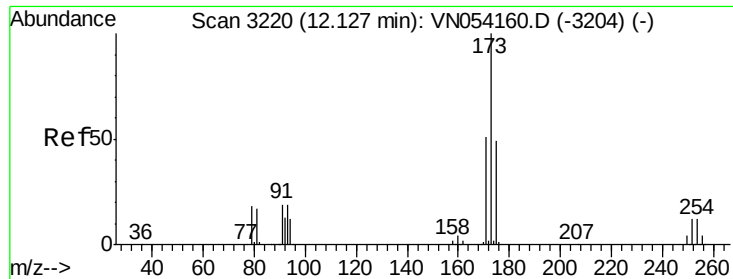
Tot Ion:106 Resp: 1304159
Ion Ratio Lower Upper
106 100
91 206.1 105.7 317.1



#70
Styrene
Concen: 54.083 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion:104 Resp: 2064645
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.2
103 55.6 44.4 66.6

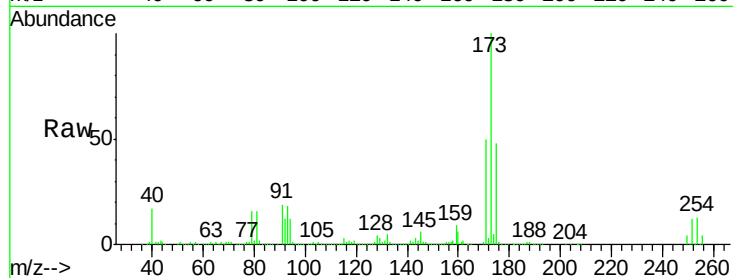




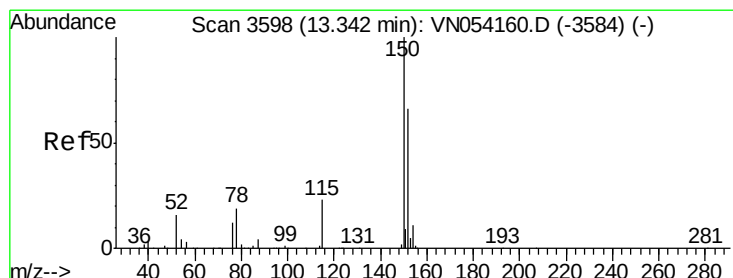
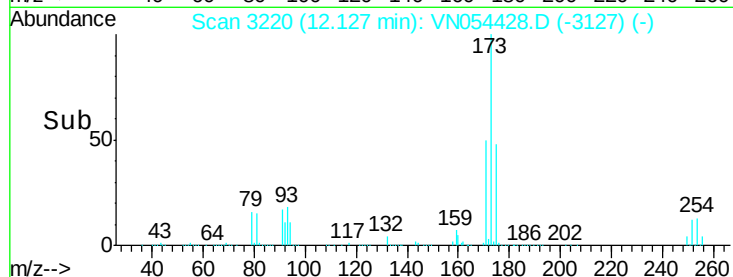
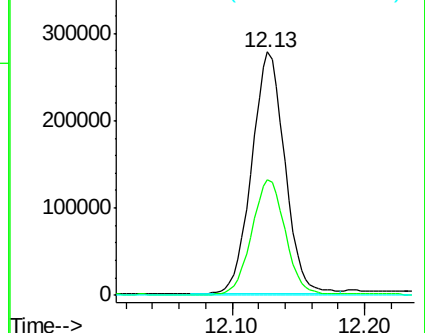
#71
Bromoform
Concen: 45.263 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 480575
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.2
254 0.1 0.1 0.1

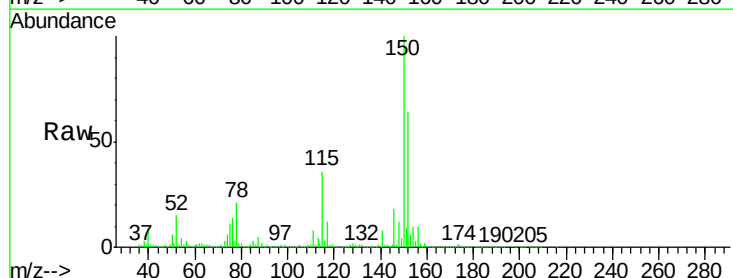


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

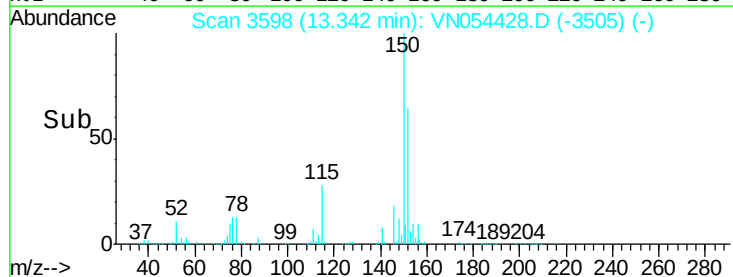
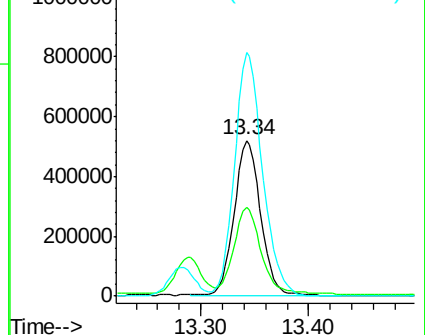


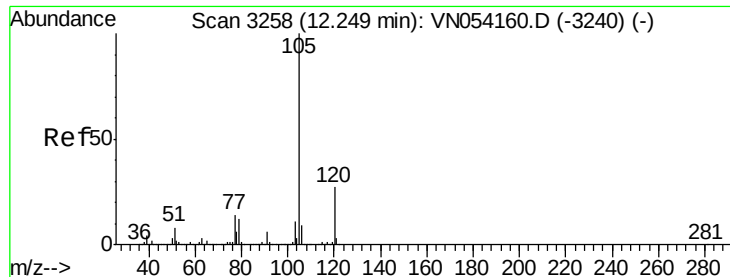
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion:152 Resp: 886634
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 166.1 0.0 349.2



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





#73

Isopropylbenzene

Concen: 47.132 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

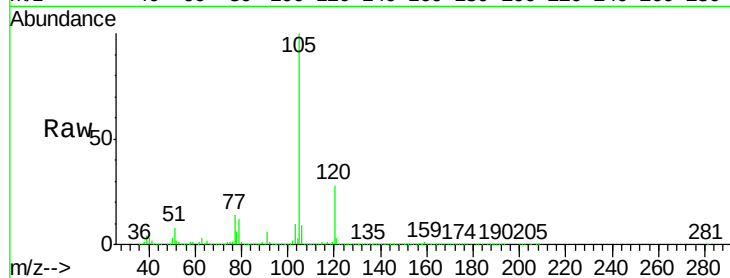
ClientSampleId :

Tot Ion:105 Resp: 3343367

Ion Ratio Lower Upper

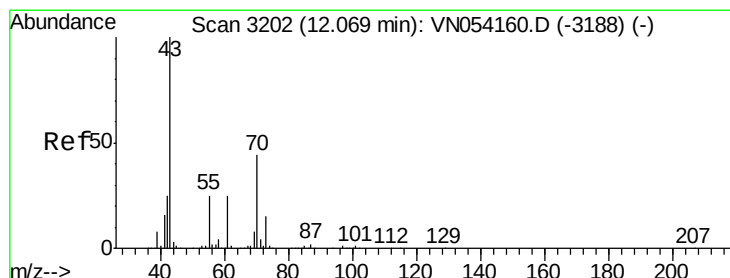
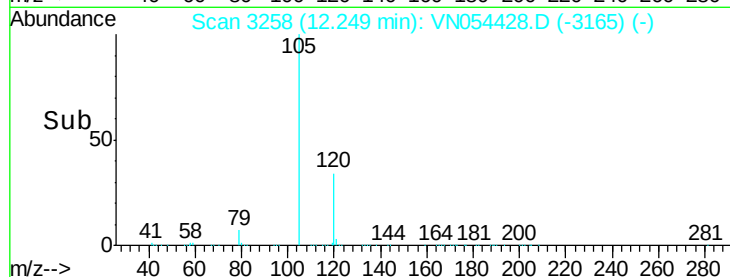
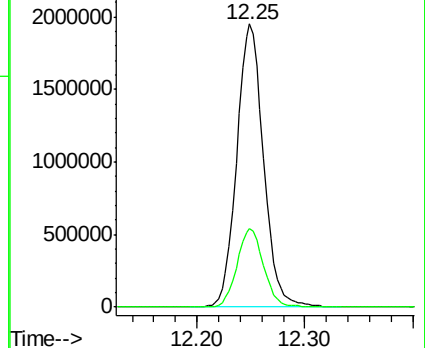
105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.901 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Tgt Ion: 43 Resp: 801465

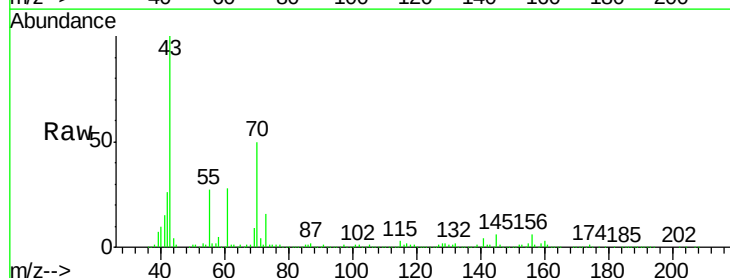
Ion Ratio Lower Upper

43 100

70 50.8 35.4 53.0

55 27.1 19.8 29.6

61 27.4 19.8 29.6

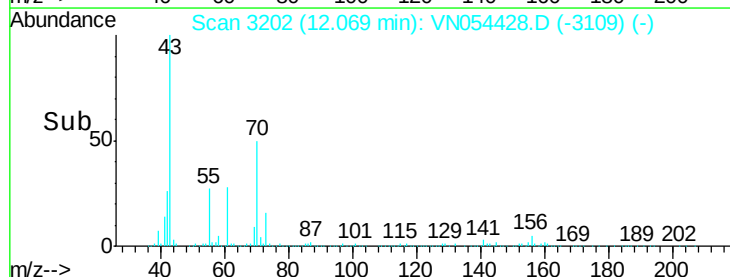
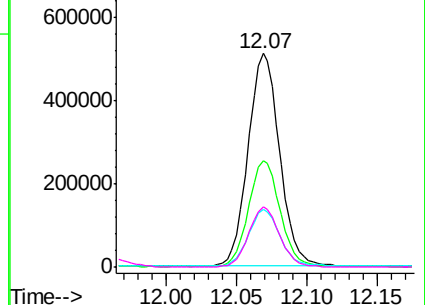


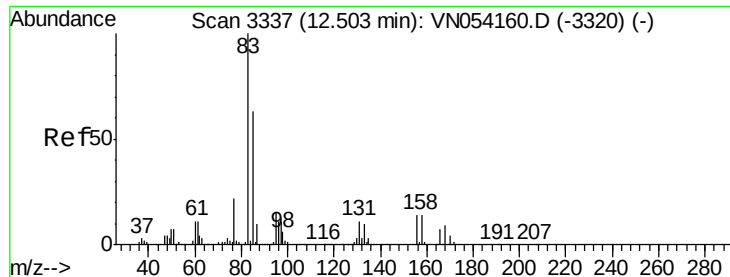
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.555 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampled :

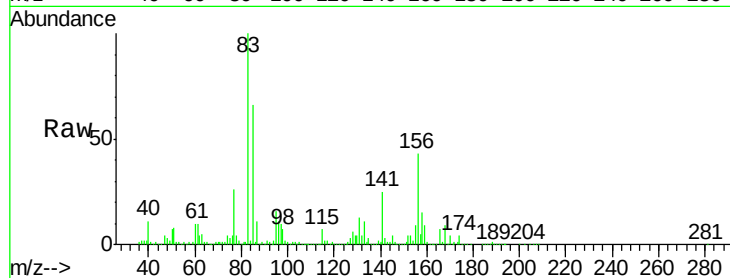
Tot Ion: 83 Resp: 779173

Ion Ratio Lower Upper

83 100

131 13.2 5.8 17.4

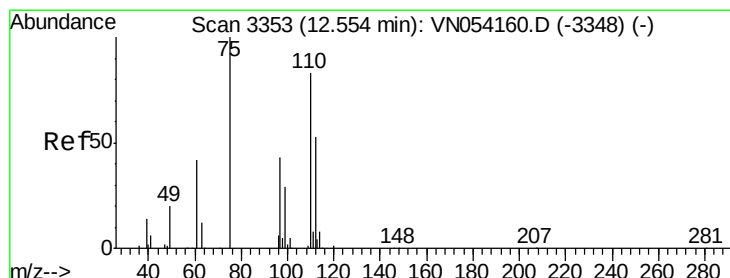
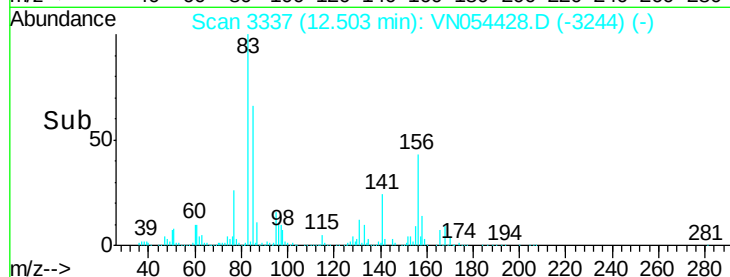
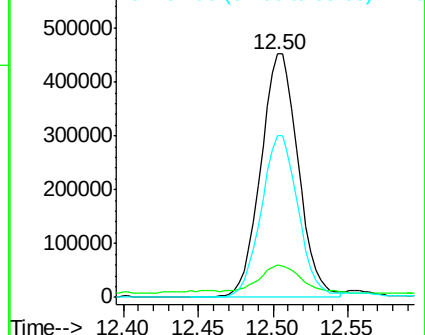
85 65.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 71.760 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054428.D

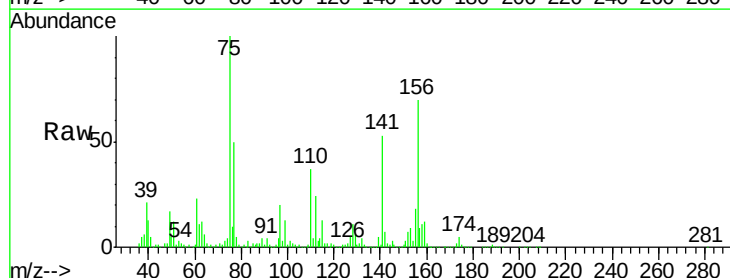
Acq: 19 Mar 2019 7:46

Tgt Ion: 75 Resp: 935633

Ion Ratio Lower Upper

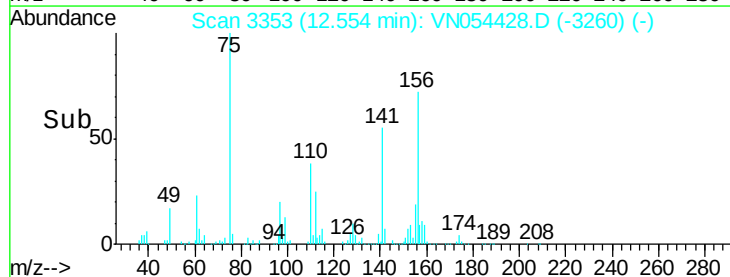
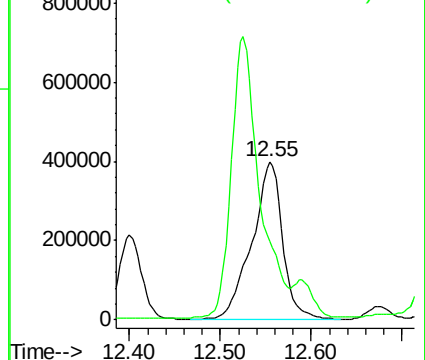
75 100

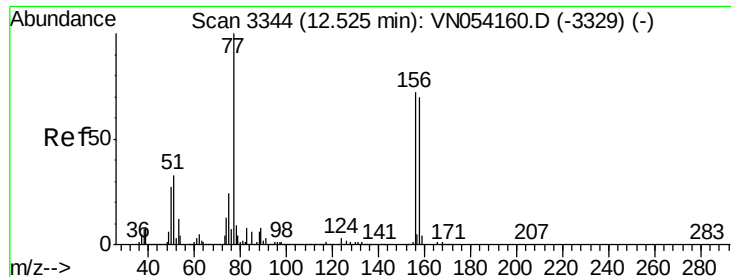
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 127.774 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampleId :

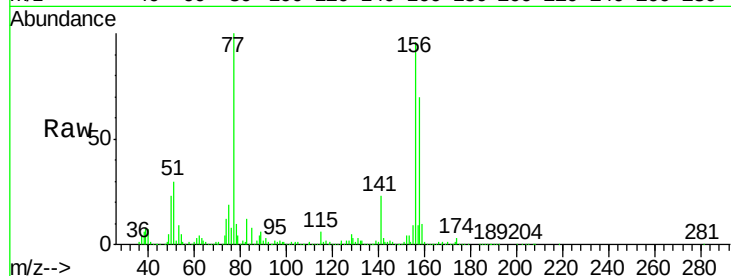
Tot Ion:156 Resp: 2398433

Ion Ratio Lower Upper

156 100

77 64.7 81.5 244.4#

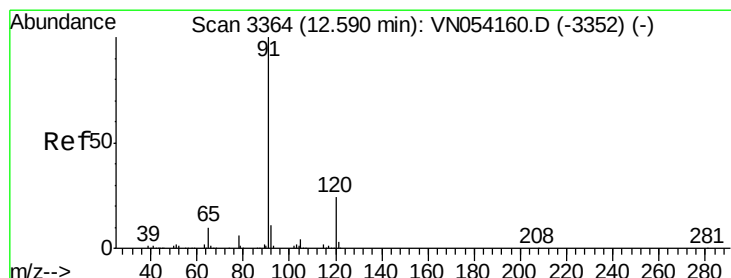
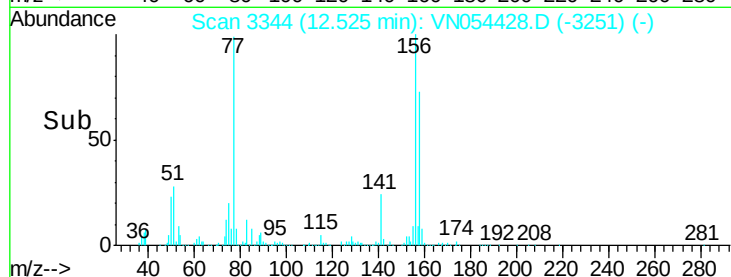
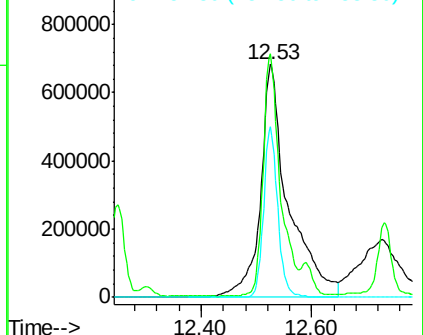
158 36.9 49.0 147.2#



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: 46.383 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054428.D

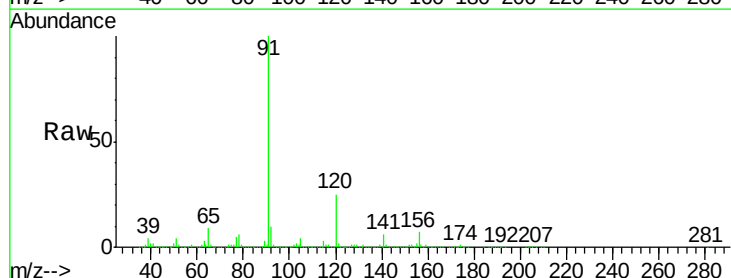
Acq: 19 Mar 2019 7:46

Tgt Ion: 91 Resp: 3570131

Ion Ratio Lower Upper

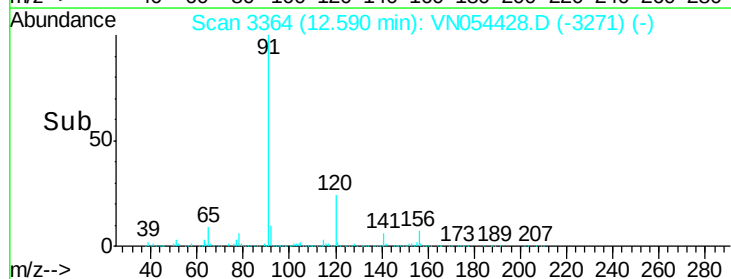
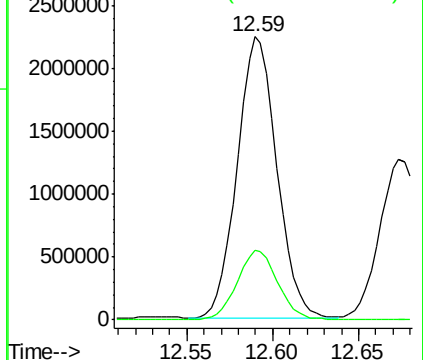
91 100

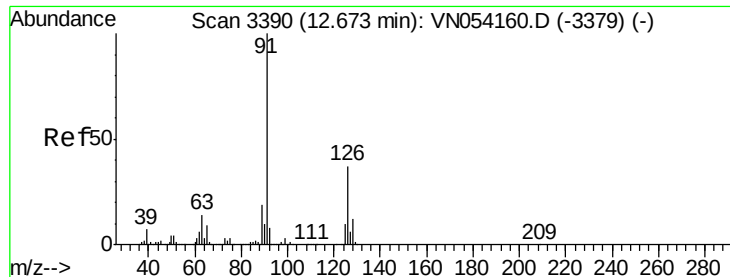
120 25.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.578 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

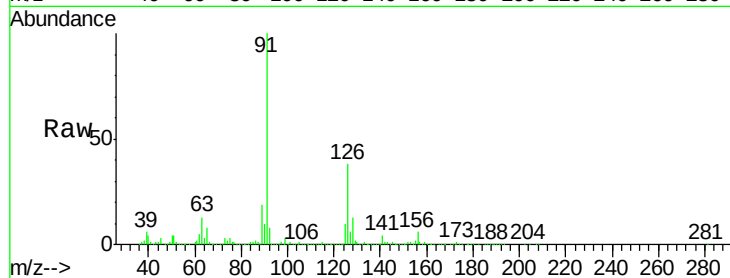
ClientSampleId :

Tot Ion: 91 Resp: 2155637

Ion Ratio Lower Upper

91 100

126 38.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054160.D (-3379) (-)

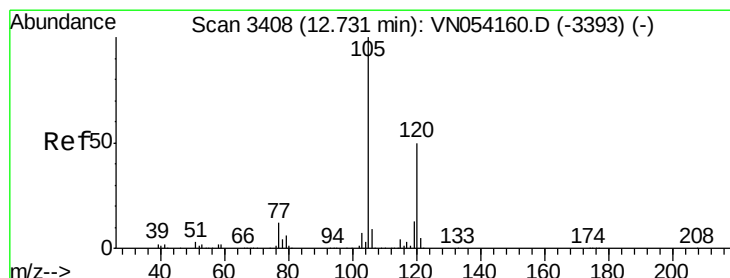
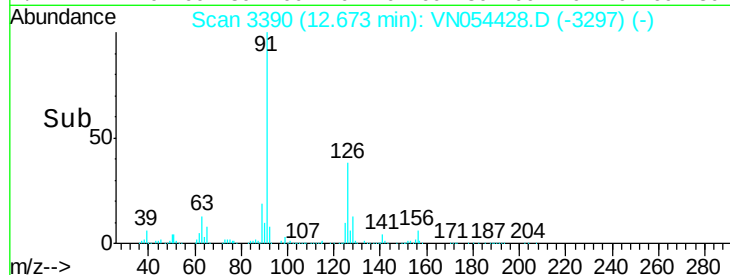
12.67

1000000

500000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.955 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054428.D

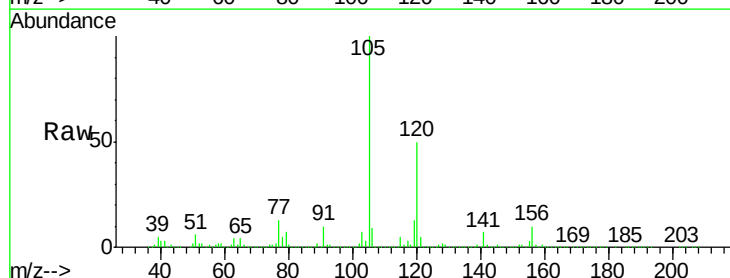
Acq: 19 Mar 2019 7:46

Tgt Ion: 105 Resp: 2829545

Ion Ratio Lower Upper

105 100

120 49.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)

12.73

2000000

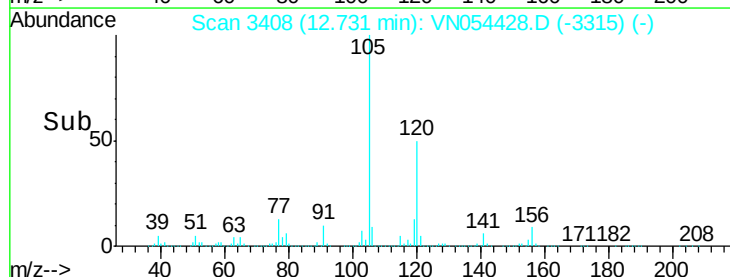
1500000

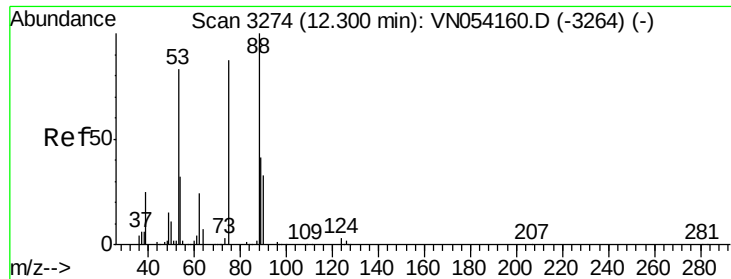
1000000

500000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 36.590 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampleId :

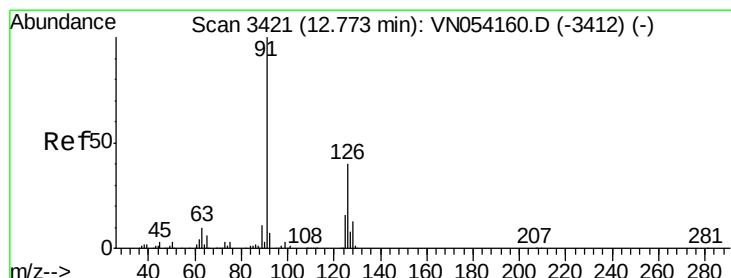
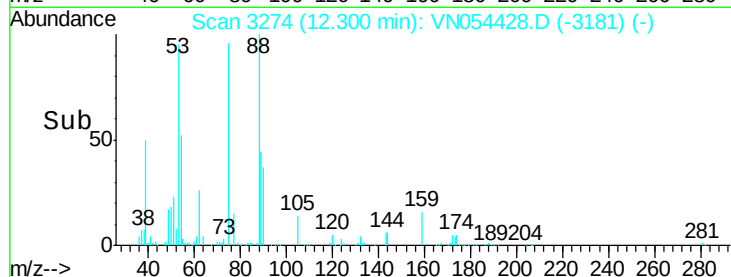
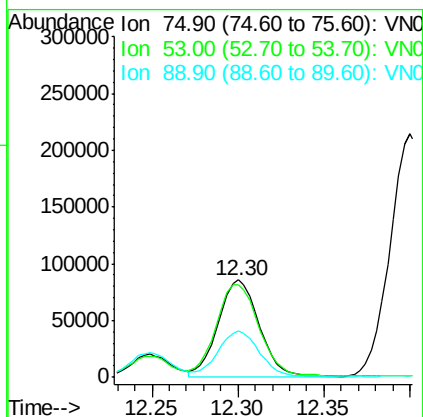
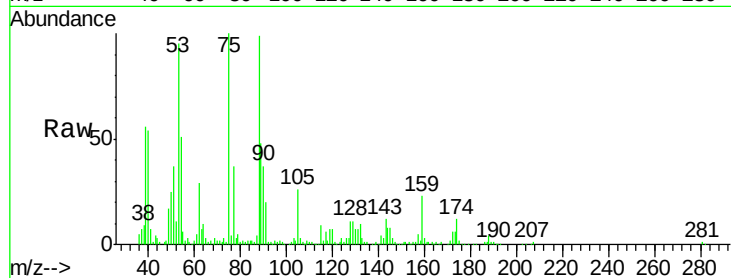
Tot Ion: 75 Resp: 139557

Ion Ratio Lower Upper

75 100

53 100.5 76.2 114.2

89 48.0 39.2 58.8



#82

4-Chlorotoluene

Concen: 47.492 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054428.D

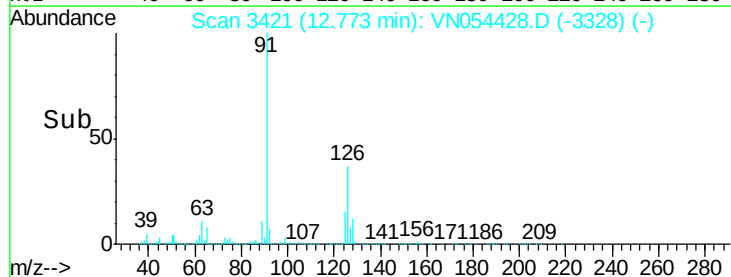
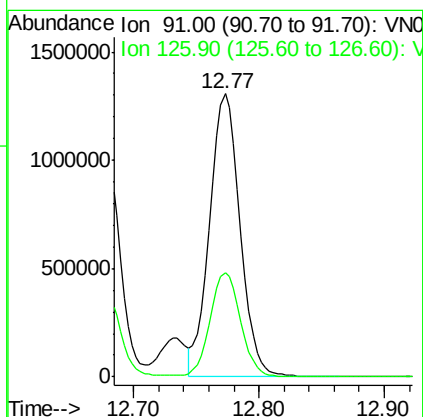
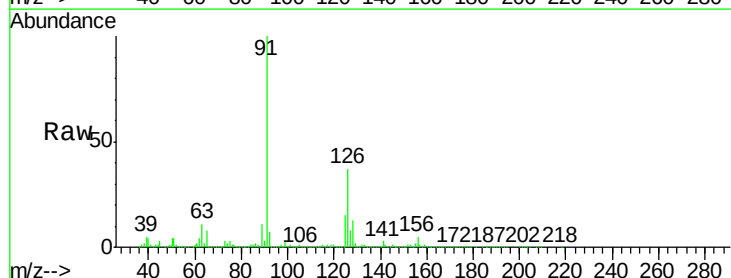
Acq: 19 Mar 2019 7:46

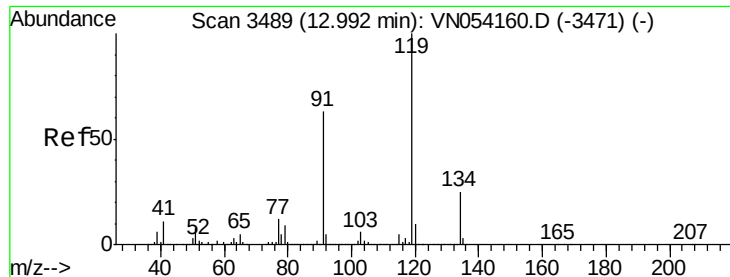
Tgt Ion: 91 Resp: 2194723

Ion Ratio Lower Upper

91 100

126 37.1 18.1 54.1

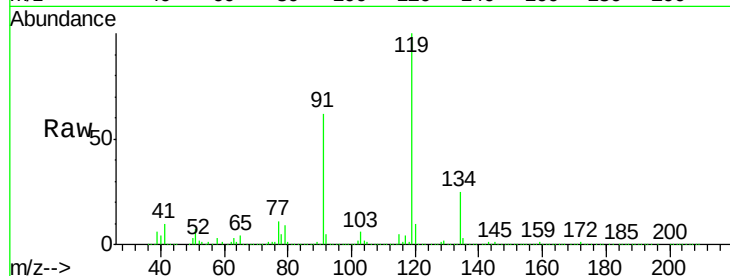




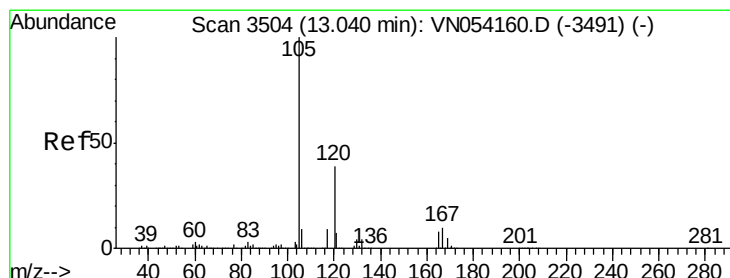
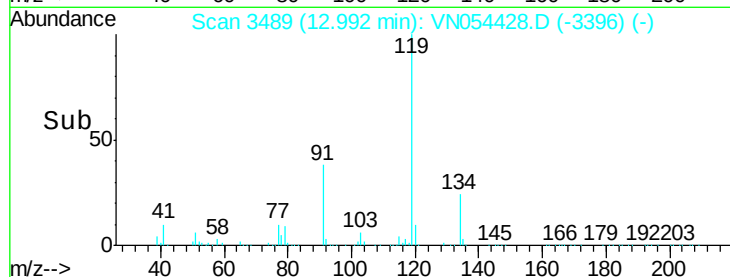
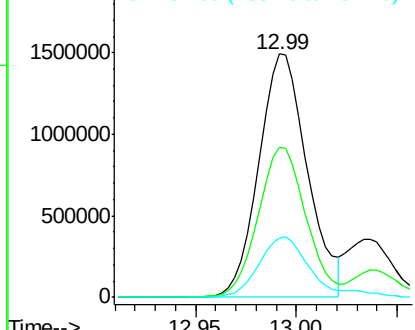
#83
tert-Butylbenzene
Concen: 45.979 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 2497100
Ion Ratio Lower Upper
119 100
91 60.1 30.9 92.8
134 26.6 13.2 39.6

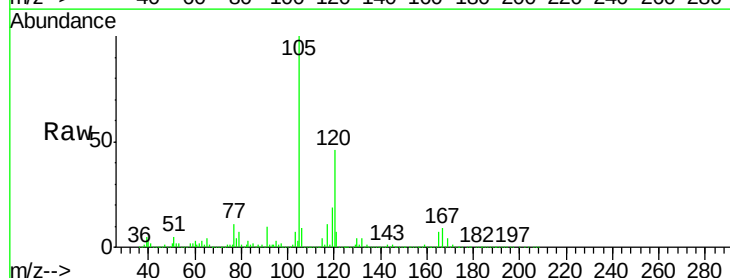


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

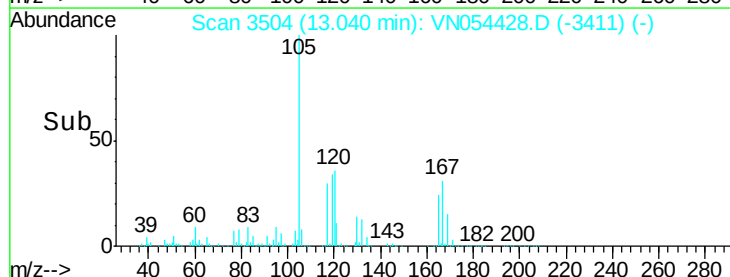
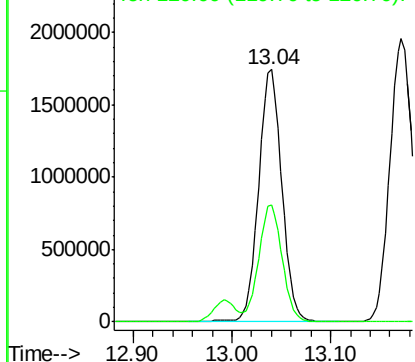


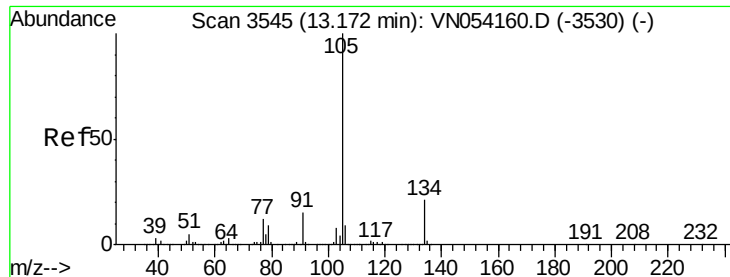
#84
1,2,4-Trimethylbenzene
Concen: 48.536 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054428.D
Acq: 19 Mar 2019 7:46

Tgt Ion:105 Resp: 2809540
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3



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





#85

sec-Butylbenzene

Concen: 44.820 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

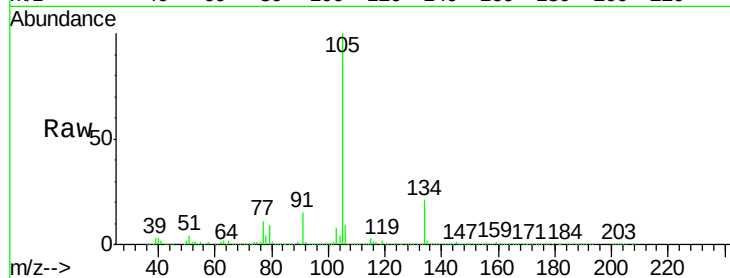
ClientSampleId :

Tot Ion:105 Resp: 3156741

Ion Ratio Lower Upper

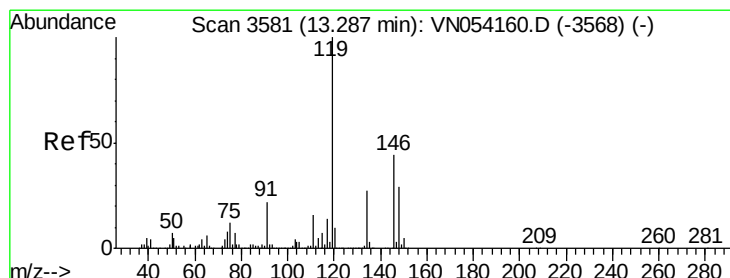
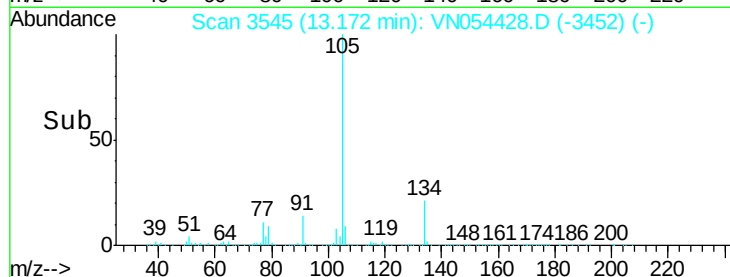
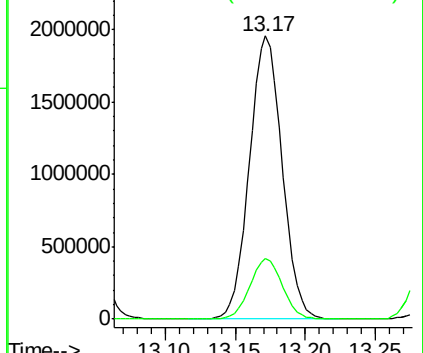
105 100

134 21.4 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.504 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

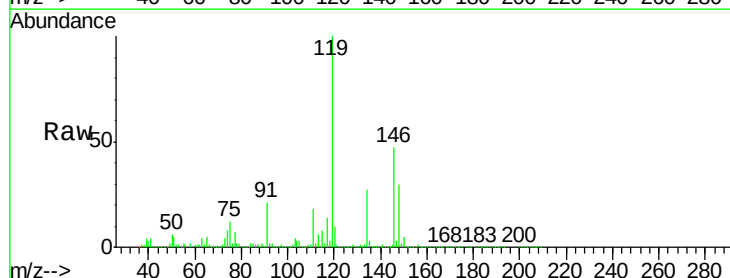
Tgt Ion:119 Resp: 2811737

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

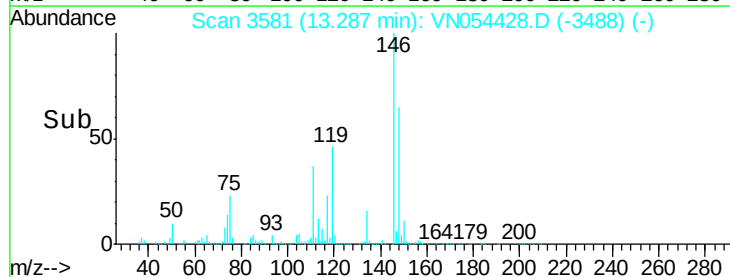
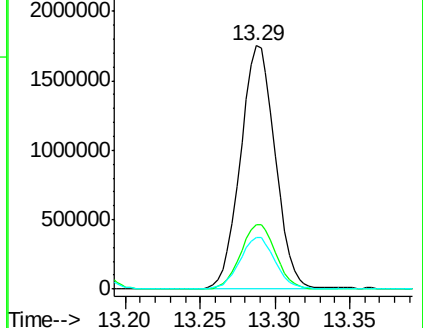
91 21.1 11.1 33.3

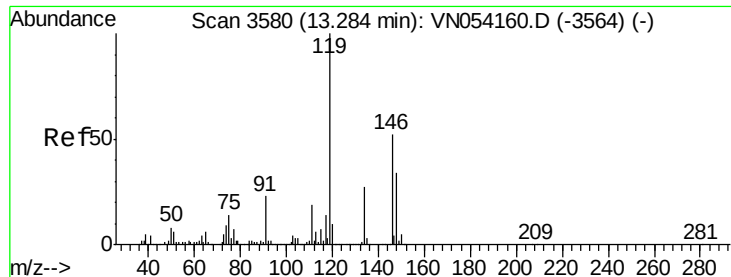


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

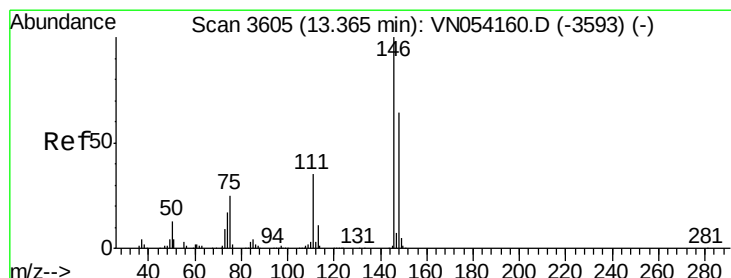
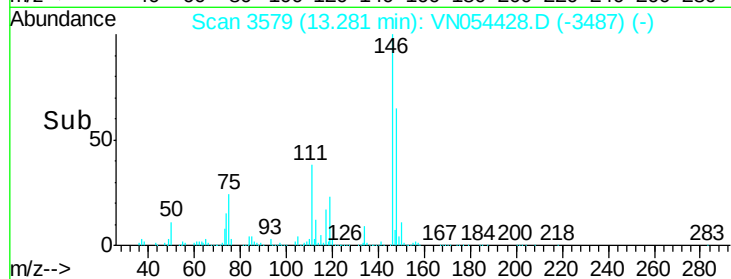
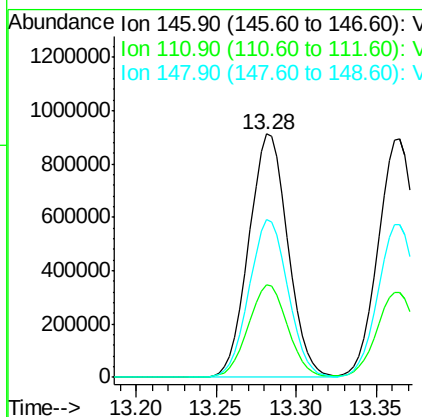
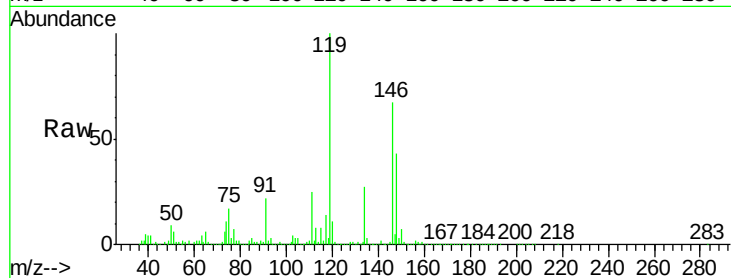




#87
 1,3-Dichlorobenzene
 Concen: 48.161 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

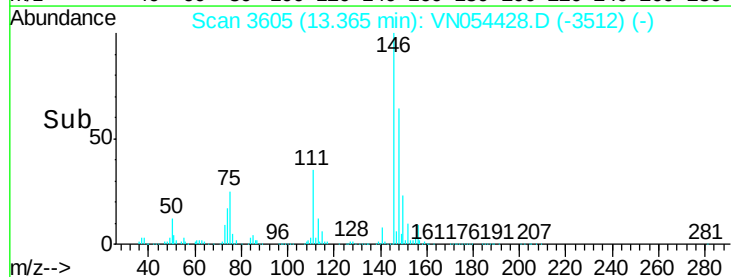
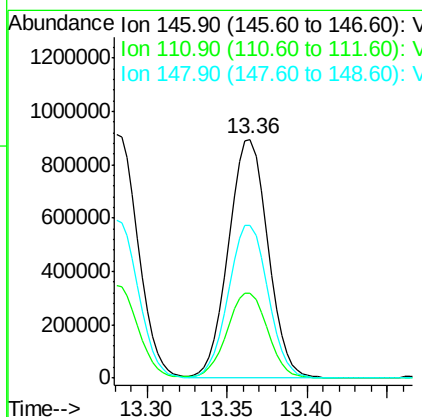
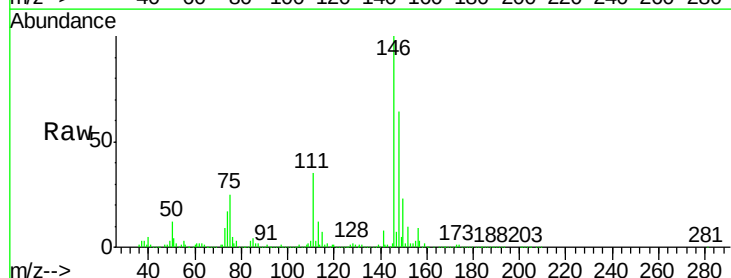
Instrument :
 MSVOA_N
 ClientSampled :

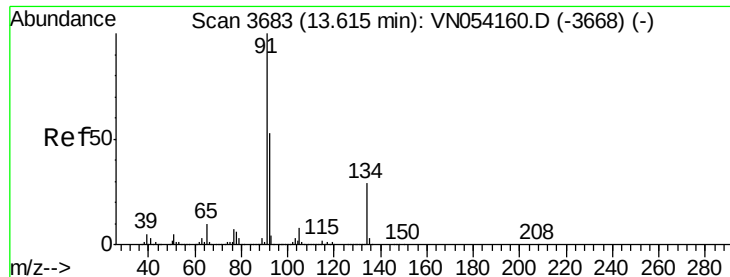
Tot Ion:146 Resp: 1523297
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.8 56.3
 148 64.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.199 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion:146 Resp: 1497628
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.8 32.0 96.0





#89

n-Butylbenzene

Concen: 45.370 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Instrument :

MSVOA_N

ClientSampleId :

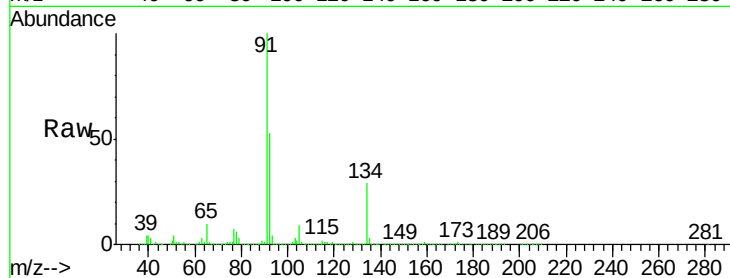
Tot Ion: 91 Resp: 2130078

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.6
134	29.2	14.3	42.9

91 100

92 52.5 26.2 78.6

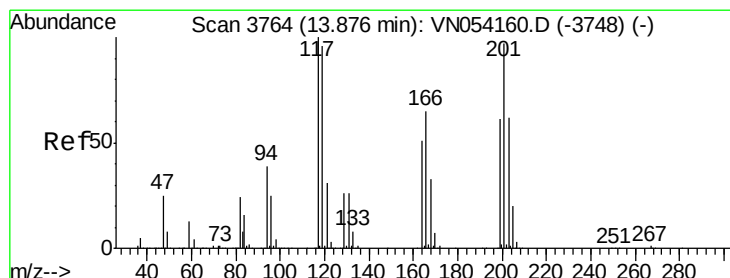
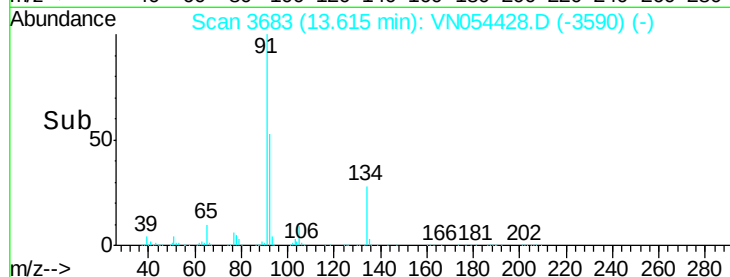
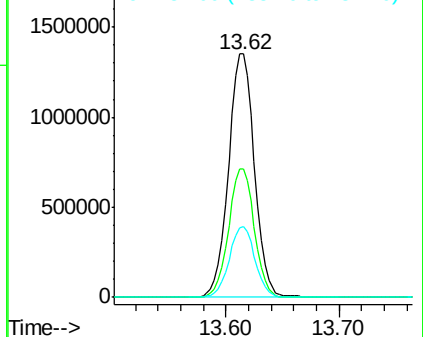
134 29.2 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)



#90

Hexachloroethane

Concen: 40.552 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054428.D

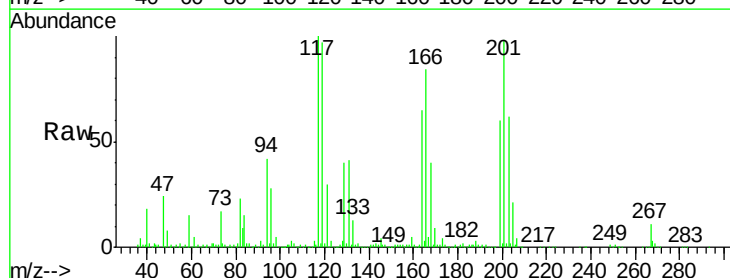
Acq: 19 Mar 2019 7:46

Tgt Ion: 117 Resp: 414906

Ion	Ratio	Lower	Upper
117	100		
201	99.3	48.1	144.4

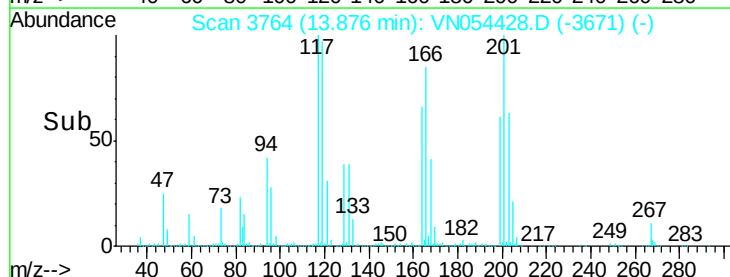
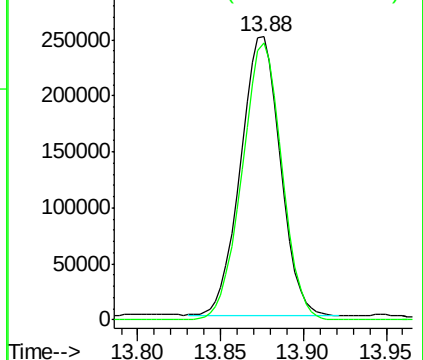
117 100

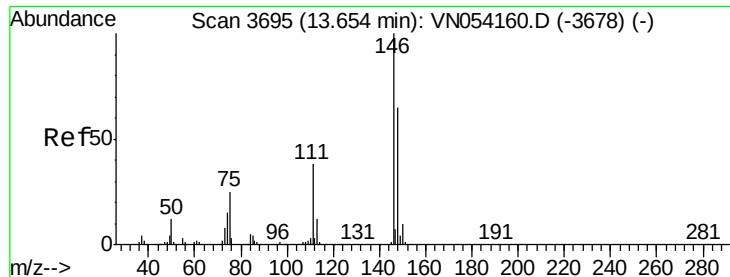
201 99.3 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 49.913 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

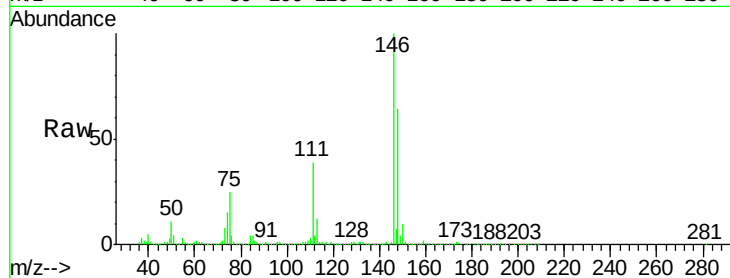
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 1543346

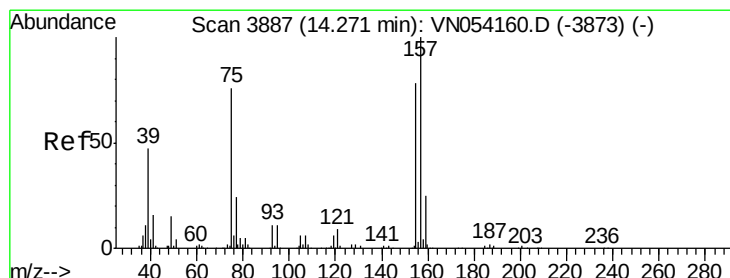
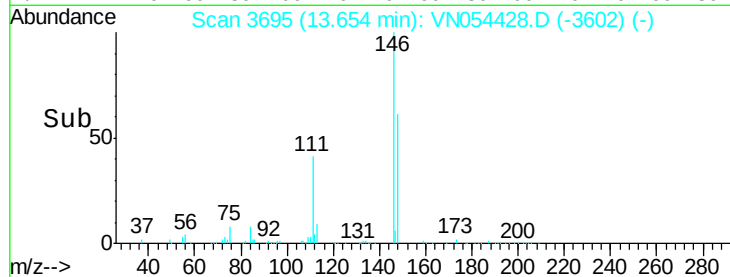
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	64.1	32.4	97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.809 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

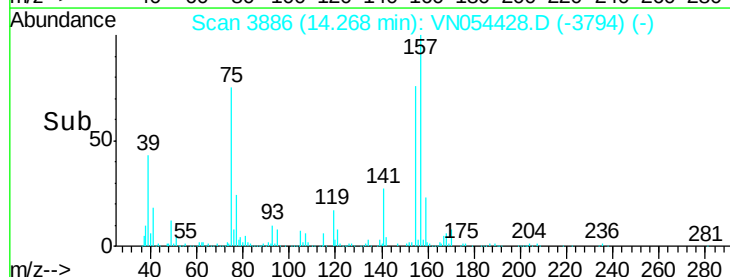
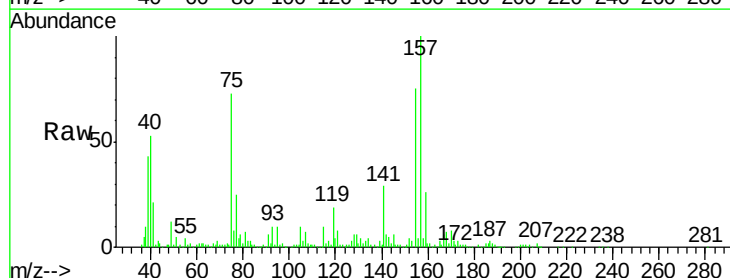
Tgt Ion: 75 Resp: 118827

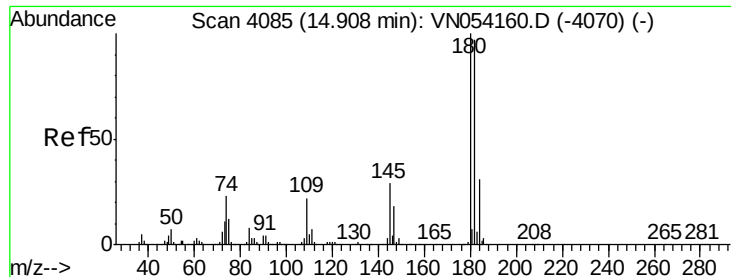
Ion	Ratio	Lower	Upper
75	100		
155	104.7	50.1	150.3
157	138.7	63.1	189.3

Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

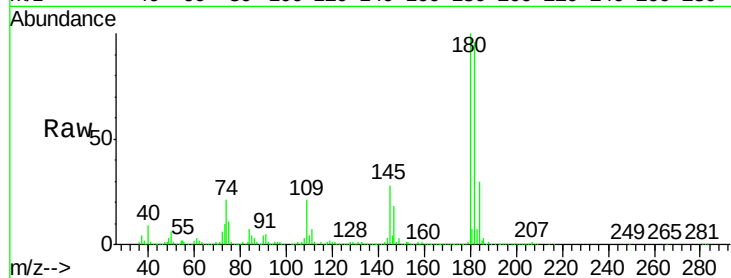




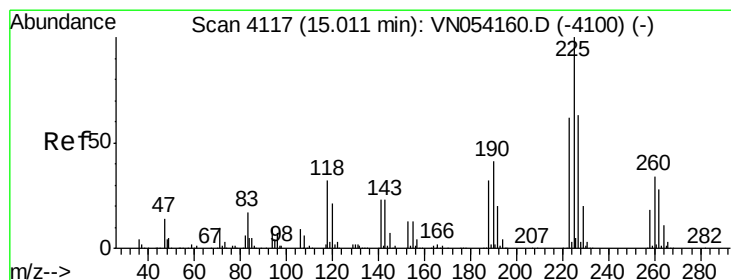
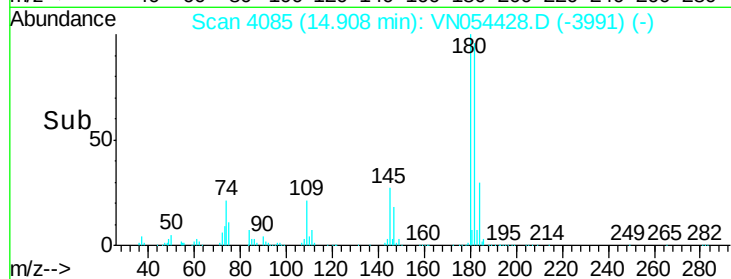
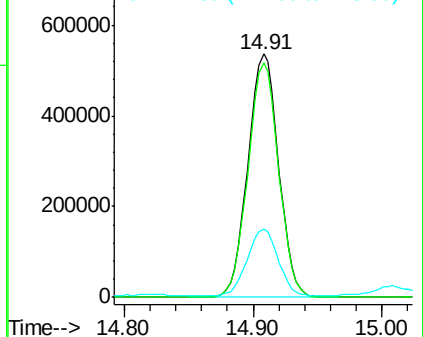
#93
 1,2,4-Trichlorobenzene
 Concen: 47.872 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	27.3	14.2	42.8

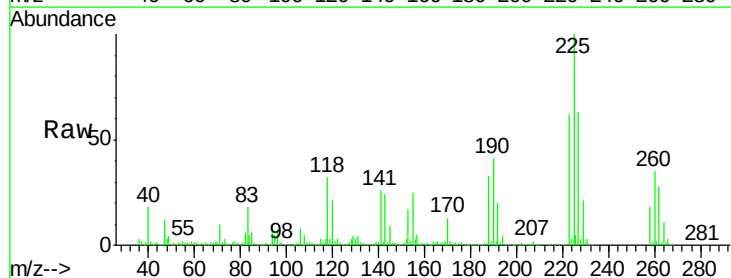


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

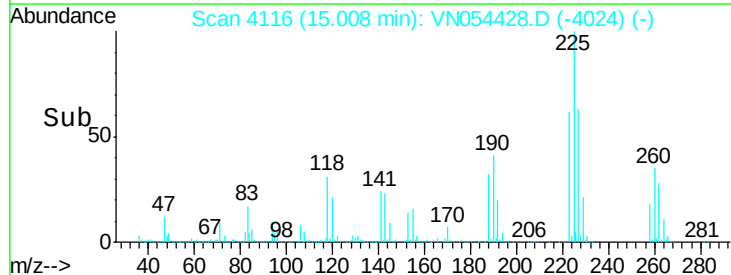
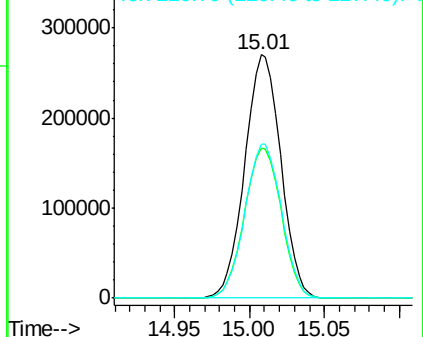


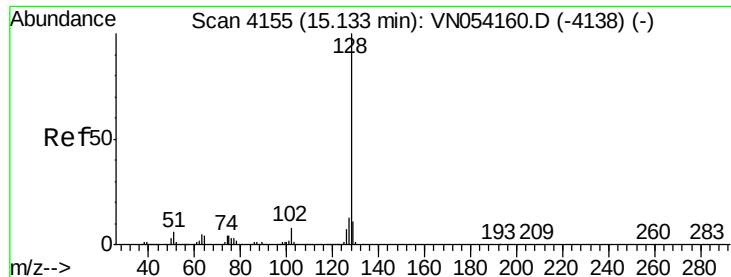
#94
 Hexachlorobutadiene
 Concen: 38.543 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054428.D
 Acq: 19 Mar 2019 7:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.5
227	64.2	31.9	95.9



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





#95

Naphthalene

Concen: 54.544 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

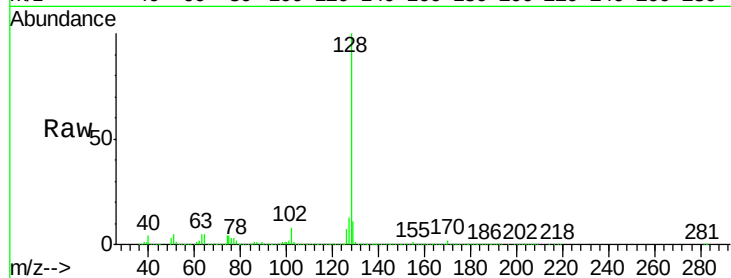
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 2134288

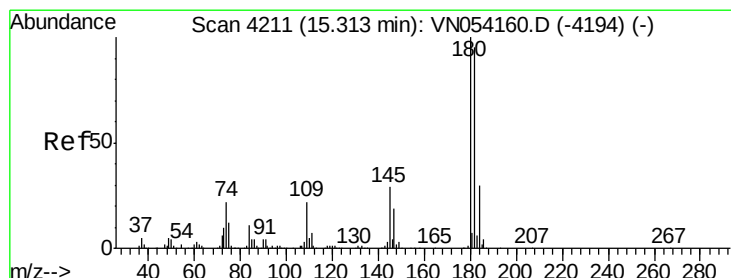
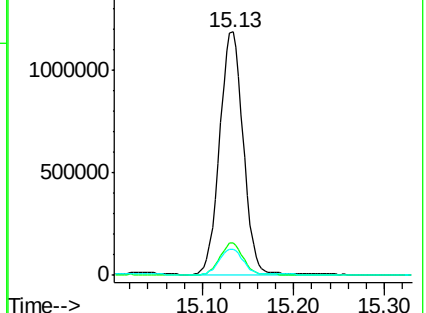
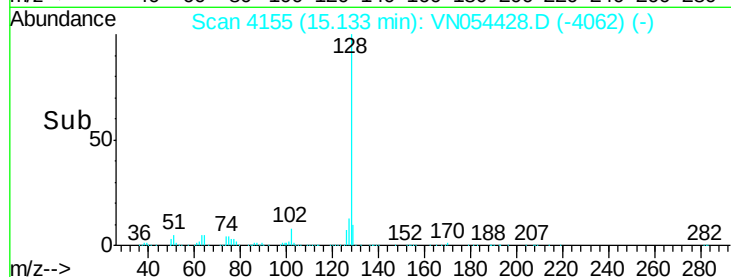
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.660 ug/l

RT: 15.31 min Scan# 4211

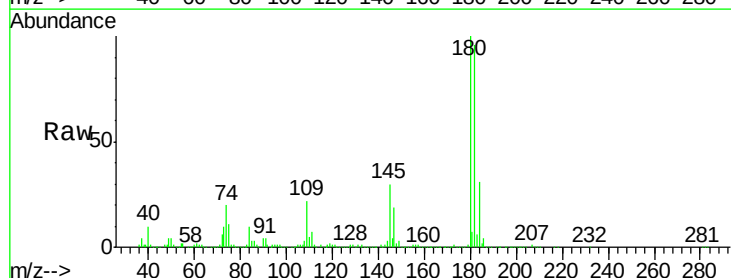
Delta R.T. 0.00 min

Lab File: VN054428.D

Acq: 19 Mar 2019 7:46

Tgt Ion:180 Resp: 881573

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	30.3	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

